

Grantee: New York

Grant: B-12-DT-36-0001

October 1, 2019 thru December 31, 2019

Grant Number: B-12-DT-36-0001	Obligation Date:	Award Date:
Grantee Name: New York	Contract End Date:	Review by HUD: Submitted - Await for Review
Grant Award Amount: \$71,654,116.00	Grant Status: Active	QPR Contact: No QPR Contact Found
LOCCS Authorized Amount: \$71,654,116.00	Estimated PI/RL Funds:	
Total Budget: \$71,654,116.00		

Disasters:

Declaration Number

FEMA-4020-NY
FEMA-4031-NY

Narratives

Disaster Damage:

Hurricane Irene and Tropical Storm Lee caused major flooding and storm damage in 38 Counties of New York State between August 29, 2011 and September 8, 2011. The storms devastated many communities in upstate New York's Catskill, Adirondack, and Hudson Valley regions, and caused severe damage on Long Island. According to data provided by FEMA, total permanent damage to infrastructure statewide was estimated to be around \$880 million, with the most impacted counties being Broome, Greene, Orange, Schoharie, and Tioga. The storms caused significant damage to infrastructure and housing and highlighted the need for mitigation to protect vulnerable areas from future storm events and ensure that public systems like power, clean water, roads and transportation are operational faster following future storm events. Damage to public infrastructure includes, but is not limited to, damage to wastewater treatment facilities and collection systems, drinking water treatment plants and distribution systems, water storage tanks, storm water collection systems, and bridges, roads, and other transportation networks that have been severely compromised or destroyed.

Recovery Needs:

Following Irene and Lee, HUD, through PL 112-55, provided the State with \$71,654,116 in CDBG-DR for recovery efforts from those storms. Following Superstorm Sandy which caused unprecedented damage to the State, PL 113-2 made \$16 billion in CDBG-DR funds available for the State's recovery from Irene, Lee and Sandy. To streamline its efforts, for the Irene/Lee allocation, the State has adopted a functionally equivalent set of disaster recovery programs that have been developed under its PL 113-2 allocation. These programs are outlined in the State's PL 113-2 Action Plan and Amendments and are designed to address unmet needs arising from the storms. Following HUD's methodology, there is approximately \$3.49 billion in unmet needs to repair and mitigate New York's housing, business and infrastructure. With HUD's high construction cost multiplier factored in, unmet needs are estimated at \$4.27 billion. Additional analysis estimates approximately \$14.44 billion in outstanding recovery housing, business and infrastructure repair and recovery-related mitigation needs not currently funded by federal programs. Infrastructure: Using HUD methodology, infrastructure unmet need is estimated at \$1.72 billion. The State, through various new data sources, estimates a figure of \$12.67 billion. Community Reconstruction and Infrastructure estimated unmet need using HUD methodology is \$5.68 billion, and \$6.85 billion with the high construction cost multiplier. These figures do not account for infrastructure needs not currently funded by federal programs Round I of the Community Reconstruction Program developed over \$883 million in priority projects proposed for CDBG-DR funding. CDBG-DR funding has only been identified for \$557 million, leaving a gap of over \$320 million, a figure included in the State's broader assessment of infrastructure unmet needs. In addition to the priority projects proposed, NYRCR Planning Committees selected 275 additional unfunded projects, estimated at \$1.6 billion. The largest unmet need is in infrastructure, \$3 billion when using HUD methodology and almost \$14 billion considering all identified unmet needs. Mitigation costs are roughly 30 percent of damage costs for structures with major to severe damage, and are reflected in the unmet needs. Economic Revitalization: The State calculated unmet business needs as businesses that were denied an SBA loan. HUD adjusted this number to account for businesses that didn't apply for assistance. The unmet need is estimated at \$711.31 million. Mitigation costs are roughly 30 percent of the damage costs. When combined, unmet business needs is \$826.1 million. The State used lost profit due to business interruption as a proxy for estimating unmet needs beyond repair. In census tracts with at least one foot of flooding, there were an estimated 77,902 small businesses suffering losses of about \$197.6 million. Housing: The storms impacted an estimated 80,878 owner-occupied homes and 16,943 occupied rental units statewide (excluding NYC). The cost to repair or replace, including mitigation, is estimated to be \$7.2 billion. Subtracting FEMA grants, SBA loans, and insurance proceeds, estimated unmet need is \$3.97 billion. When NYR Housing Program funds are considered, an estimated \$1.29 billion in unmet need remains. Based on HUD methodology, the 8,147 damaged rental units occupied by renters with annual income below \$30,000 define the rental properties u



Recovery Needs:

unmet need. Total damage is estimated at \$519.68 million (excluding mitigation). Unmet need is estimated to be \$389.76 million, 75% of total damage. Combined with mitigation, there is an unmet need of \$695.27 million. For multifamily assisted housing stock, the State surveyed properties in its assisted housing portfolio to identify damage and uncovered losses and found high levels of insurance coverage. The State determined that immediate needs had been met and continues to assess resiliency needs.

Public Comment:

Overall	This Report Period	To Date
Total Projected Budget from All Sources	N/A	\$33,031,413.32
Total Budget	\$5,963,458.77	\$33,031,413.32
Total Obligated	\$4,640,665.25	\$16,950,113.67
Total Funds Drawdown	\$4,415,397.30	\$16,663,544.28
Program Funds Drawdown	\$4,415,397.30	\$16,663,544.28
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$3,739,450.69	\$16,122,573.74
Most Impacted and Distressed Expended	\$2,778,735.94	\$13,601,693.16
Match Contributed	\$0.00	\$0.00

Progress Toward Required Numeric Targets

Requirement	Target	Actual
Overall Benefit Percentage (Projected)		17.80%
Overall Benefit Percentage (Actual)		46.31%
Minimum Non-Federal Match	\$0.00	\$0.00
Limit on Public Services	\$10,748,117.40	\$0.00
Limit on Admin/Planning	\$14,330,823.20	\$628,195.47
Limit on Admin	\$3,582,705.80	\$4,056.87
Most Impacted and Distressed Threshold (Projected)	\$50,372,843.55	\$28,152,224.91

Overall Progress Narrative:

The State's Irene Lee Action Plan outlines the distribution of \$71,654,116 of Community Development Block Grant – Disaster Recovery (CDBG-DR) funding (Irene Lee allocation) towards meeting the unmet needs of communities impacted by Hurricane Irene and Tropical Storm Lee. The State commits to the requirement that a minimum of 80 percent of allocated funds, or \$53,011,323, must be expended in the most-impacted counties of Broome, Greene, Orange, Schoharie, and Tioga.

In an effort to streamline recovery efforts, for the State's PL 112-55 allocation, the State has adopted a functionally equivalent set of disaster recovery programs that have been developed and implemented under its more recent PL 113-2 (Superstorm Sandy) allocation. These programs are outlined in the HUD approved Action Plan and subsequent Amendments related to both the State's PL 112-55 and PL 113-2 grants and can be viewed at <http://stormrecovery.ny.gov/action-plans-and-amendments>. Additional information on these programs and detailed quarterly programmatic updates can be found in the appropriate program narratives in this QPR.

Staff levels are being maintained as programs progress. At the end of Q4 2019, GOSR totaled 155 employees working throughout the state. Staff levels will continue to meet the needs of the recovery programs.

Project Summary

Project #, Project Title	This Report	To Date	
	Program Funds Drawdown	Project Funds Budgeted	Program Funds Drawdown
1042DR4-12, Schoharie County	\$0.00	\$1,723,336.67	\$1,723,336.67
1142DR5-12, Tioga County	\$0.00	\$356,014.24	\$356,014.24
135DR1-12, Broome County	\$0.00	\$306,841.71	\$306,841.71
317DR2-12, Delaware County	\$0.00	\$280,650.57	\$280,650.57
477DR3-12, Greene County	\$0.00	\$1,355,456.61	\$1,355,456.61
Admin, Administration	\$0.00	\$3,582,706.00	\$4,056.87
ComRecon, Community Reconstruction	\$3,501,999.36	\$49,290,589.00	\$10,399,035.32
DELETED-ACTIVITIES, DELETED-ACTIVITIES (Temporary)	\$0.00	\$0.00	\$0.00
IL-Match, Match	\$0.00	\$0.00	\$0.00
SidneyFMP, Sidney Floodplain Management	\$913,397.94	\$14,758,521.20	\$2,238,152.29

Activities

Project # / 1042DR4-12 / Schoharie County

Grantee Activity Number: 1042DR1042C-12
Activity Title: Road Reconstruction

Activity Category:

Construction/reconstruction of streets

Project Number:

1042DR4-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Low/Mod

Activity Status:

Completed

Project Title:

Schoharie County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:

Responsible Organization:

Schoharie County

Overall

Total Projected Budget from All Sources

Oct 1 thru Dec 31, 2019

N/A

To Date

\$1,129,232.61

Total Budget

\$0.00

\$1,129,232.61

Total Obligated

\$0.00

\$1,129,232.61

Total Funds Drawdown

\$0.00

\$1,129,232.61

Program Funds Drawdown

\$0.00

\$1,129,232.61

Program Income Drawdown

\$0.00

\$0.00

Program Income Received

\$0.00

\$0.00

Total Funds Expended

\$0.00

\$1,129,232.61

Schoharie County

\$0.00

\$1,129,232.61

Most Impacted and Distressed Expended

\$0.00

\$1,129,232.61

Match Contributed

\$0.00

\$0.00

Activity Description:

1042DR4Q-12 Keyserkill Rd PA-02-NY-4020-PW-00318 PA-02-NY-4020-State-0005(5)

Reshape stream bed 150ft x 10ft wide. Restore embankments using scour material 150ft x 10ft x 2ft. Place scour material fill and 45 tons of Rip Rap around the 8ft Culvert pipe and on the embankment. All work by contract

1042DR4R-12 Keyserkill Rd #4 PA-02-NY-4020-PW-003189 PA-02-NY-4020-State-0005(5)

Repaved 125 ft x 20 ft of 3 1/2 in road over culvert. Rebuild and repave the 4 ft x 155 ft x 3 1/2" of road plus 2 ft shoulder and 3' x 8' x 600' of ditch protection rip rap replaced west side of road. 75 ft of guide rail was replaced west side of road. 25 ft x 3 ft x 5 ft downstream rip rap placed and 40 ft x 5 ft x 5 ft rip rap from upstream wall. The 12 in x 20 ft plastic pipe was replaced and bracketed by rip rap. All areas were brought back to pre disaster conditions except as noted in work to be completed. Replace 6 x 1 cubic Yard gabian baskets from upstream wall on outside edge of curve in front of culvert using inhouse material and labor from the cost codes.

1042DR4S-12 Keyserkill Rd # 2 PA-02-NY-4020-PW-00451 PA-02-NY-4020-State-0008(7)

Replace 40' x 140 x 3' foot of fill, replace 140' x 12' x 3' of Rip Rap bank on Keyserkill Road. Install guide rail per current Codes and Standards (attached) 250 ft @ \$35 ft (local cost quote attached) =\$8750.00. Slope has



changed because of wash out, and edge of slope is now too close to road without guide rail. Guide and specks included.
 1042DR4T-12 Stone Store Rd Schoharie Co. PA-02-NY-4020-PW-00320 PA-02-NY-4020-State-0008(7)
 Removed debris plugging stream and reshaped stream bed
 10ft x 100ft., done by contractor. Reshaped embankments and shoulders using scour material 625 CY. Provided embankment armoring 15 CY.

1042DR4U-12 Beards Hollow Rd PA-02-NY-4020-PW-00590 PA-02-NY-4020-State-0009(8)
 Reshaped stream 415ft x 15ft Restored embankment 415ft x 15ft x5ft avg with crusher run and heavy stone. Restored one half roadway sub base 415ft x 24ft/2 x 12in with crusher run.
 Armor embankment with rip rap 415' lg x 15ft x 3ft Pavement 415ft x 24ft x 5in (3in binder and 2in top) Guide Rail 415ft NOTE: BEFORE PAVT, CULVERT AND GUIDE RAIL COULD BE REPLACED, THIS AREA WAS REDAMAGED BY TROPICAL STORM LEE FEMA 4031. A PW TO INCLUDE PAVT, CULVERT AND GUIDE RAIL WILL BE PROVIDED FOR IN DISASTER 4031 (See PW 00198). Note: The Applicant will be incurring Disaster Administrative Costs; eligible costs will be reconciled at Closeout

1042DR4V-12 Bridge 28 Junction Rd CR 27 PA-02-NY-4020-PW-00599PA-02-NY-4020-State-0009(8)
 Rebuild roadway section subgrade at each approach 30ft x 29ft x12ft deep x 2 = 20,880/27 = 773cy crusher run Roadway Pav't 487ft x 29ft x 3.5in Embankment reshaped using scour material and crusher run SW 294ft x 15ft x 8ft, SE 294ft x 15ft x 6 ft, North end reggraded using scour material only 100ft x 30ft x 2 ft and replaced lost armoring. Guide rail box beam replaced and reset 100ft Armored approx 50ft x 50 x 2ft at each abutment corner Removed debris from bridge and approaches Seed and fertilize (2) acres for slope protection.

1042DR4W-12 Bridge 28 Junction Rd CR 27 PA-02-NY-4020-PW-00951 PA-02-NY-4020-State-0014(13)
 Ditch was cleaned out up and down stream 50', as well as the culvert itself, and this material was placed out of the stream bed. Theof asphalt/binder. Add 75 ft of guide rail installed per codes and standards and as best construction practise to protect traffic along very steep embankment close to the road. 2 inches of topcoat paving; 20 ft x 170 ft.

1042DR4X-12 West Kill Road PA-02-NY-4020-PW-01012 PA-02-NY-4020-State-0014(13)
 1. Roadway Subbase crusher run 1030ft x 20ft x 12in 2. Shoulder Subbase crusher run 1030ft x 4ft x 4in 3. Binder course Pavement 1030ft x 20ft x 3in 1. Top Coat Pavement 1030ft x 24ft x 2in = 2747sy = 5494sy/in cost code 3110 All work done by Force Account

1042DR4Y-12 West Richmondville CR 33, Clove Rd CR 63 PA-02-NY-4020-PW-00826 PA-02-NY-4020-State-0014(13)
 Cleaned and reshaped 4260 ft ditch throughout West Richmondville and Clove Roads
 Site 1. N 42.68252 W 074.61212
 Replaced 40ft x 18in x Culvert Site 2. N 42.69268 W 074.63477
 Repaired Embankment 12 yds rip rap and cleaned and reshaped 30 ft x 10 ft stream Site 3. N 42.66142 W 074.61840 30ft x 15 ft x 2 ft shoulder crusher run from stock pile and 15 in x 30 ft poly culvert headwall repair w/2 yd rip rap Site 4. N 42.68542 W 074.62822
 30ft x 12in Culvert removed but not yet replaced Cost code 3341 \$35/ft x 30ft = \$1050 Site 1. N 42.68252 W 074.61212 Pav't 20ft x 20ft x 3.5in Cost Code 3110 \$2.20 sy/in 20 x 20 =400/9 = 44.4sy x 3.5in x \$2.20 = \$341.88

1042DR4Z-12 Pangman Rd Bridge near intersect 990V PA-02-NY-4020-PW-00888 PA-02-NY-4020-State-0014(13)
 This emergency permanent repair to open bridge is required for public safety and protection for fire, police etc. as this is the only access to this area from Schoharie County. 1. Re-established access: 100 ft x 80 ft x 12 in road sub base fill on north end. 2. Cleaned up loose material/debris from around near-side abutment and get access to crib for jacking bolster(s) removing approximately 30 CY of woody debris and 20 CY of gravel and stone from under bridge and on bridge. 3. Jacked and leveled near side abutment, then jack and crib abutment back into position reset wood beams, level bridge. 4. Replaced 8 ft high x 3 ft deep x 20 ft long stackable stone (2) places in front of both abutments and re-establish (12) gabion 2 yd baskets total, (6) on north end, (6) south end. 5. Re-install concrete in between abutments footers and stackable stone for scour protection with approximately 20 cubic yards of concrete on both north and south footers 6. Backfilled North side area above the 20 ft lg x 8 ft high by 3 ft deep with rip rap on swail and reset culvert and rip rap 40' x 4 ft x 3 foot. Reestablish traffic access 100 ft x 90 ft x 12' below subbase on north end of bridge. 7. Cleaned up and re-establish road approach to bridges and rip rap wing walls with 40 ft lg x 8 foot high x 3 ft deep (4) places, both upstream and downstream, north and south abutments. 8. Cleaned and removed 35 CY woody debris from stream and bank surrounding bridge. 1. Multiple Bridges in south part of county need to be repaved (will be done under a separate PW.) this bridge is 62 ft long x 16 ft 10" wide and covered with 3 in binder and 2 in overlay. 2. Apply waterproof primer membrane to be painted on bridge and railings. Approximately 2400 sf from Paint cost codes. 3. 12 rolls of 4 ft x 50 ft Membrane @ 0.58/ft =approximately 2400 sf @ 0.58/Sf=\$1392.00 4. Apply 2400 sf Membrane based on est. from paint cost codes.

02RA-2MI alyRa&ma;s;P-2N-00P-03 A0-Y4020-State-0014(13)
 Work Complete Replaced washed out roadway section; Subbase Crusher Run 20ft x 12in, Pavement Binder Coarse 20ft x 3in and Shoulder Base Crusher Run 2ft x 4in each side. See Continuation Sheet for lengths at each Site (1-16) Top Coat Pavement 20ft Roadway + 4ft Shoulder x 2in x length at each site (1-16) See Continuation Sht Guide Rail 2107ft see Continuation Sheet. Damage to roadway has changed the shoulder and embankment configuration to now require guiderail for public safety. Note: The Applicant will be incurring Disaster Admin Costs, eligible costs will be reconciled at close out Full Section = Shoulder (2) 2ft x 4in Subbase + 2in Top, Road 20ft x 12in Subbase + 3in Binder and 2in Top Pav't Only = Shoulder (2) 2ft x 2in Top, Road 20ft x 3in Binder + 2in Top Work Complete Subbase and Binder Crusher Run 4680ft [4ft x 4in/12 (shoulder) + 20ft x 1ft (road)] = 99,840cf/27=3698cy x .57 = 2108cy Pav't Binder (4780ft + 1488ft) x 20ft x 3in/12 = 31,340cf x 110lb/cf /2000lb/TN = 1723.7tn Binder x .57= 982.5tn SITE 16: N42.60995 W-074.39350 Full Section (see above) x 100ft = 100 [4ft x 4/12 + 20] = 2130cf/27 = 79cy Crusher Run (shoulder) and 100ft x 20 x 3.5in/12 = 583cf x 110/2000 = 32tn Binder PAV'T TOP: 4780ft + 1488ft = 6268ft x 24ft/9 =16,715SY x 2in = 33,430sy-in x \$3.40 = \$113,662 x .57 =\$ 64,787 Work to be Completed - Guide Rail Codes and Standards and Good Construction Practices. Guide Rail is to be placed at storm damaged locations due to embankment steepness > 1on3, roughness of rip rap and close proximity of pav't to slope. Rail is to be Ribbon (W-Beam) Style except as noted

1042DR4AB-12 Mill Valley Road PA-02-NY-4020-PW-00832 PA-02-NY-4020-State-0014(13)
 Replaced washed out roadway section; Subbase Crusher Run 20ft x 12in, Pavement Binder Coarse 20ft x 3in and Shoulder Base Crusher Run 2ft x 4in each side. Top Coat Pavement 20ft Roadway + 4ft Shoulder x 2in x length at each site (1-16) (See Continuation Sheet)

Roadway subgrade	220ft	Wedge shape emb	12ft top	40ft bot	x 20ft	Crusher Run	
9a N 42.59855 W-74.37137	382ft	1 on 3	30ft	25ft	Med Rip	Rap 2.5ft	10 N
42.59742 W-74.36923	320ft	1 on 3	12ft	20ft	Med Rip	Rap 3ft	
10a 40ft NW of Embank 10	86ft	1 on 3	10ft	15ft	Med Rip	Rap 2ft	
11 N 42.59596 W-74.36753	131ft	1 on 1	28ft	20ft	Med Rip	Rap 4ft	
Roadway subgrade	131ft	Rectangal shape	6ft x 20ft	Crusher Run			
12 N42.59451 W-74.36535	495ft	1 on 2	25ft				20ft Med Rip
Rap 3ft							
13 N42.59470 W-74.36237	250ft	Flat	50ft	graded native	scour material		
14 N42.59456 W-74.36453	100ft	1 on 4	20ft	10ft	Med Rip	Rap 6ft	
15 N 42.59477 W-74.35848	685ft	1 on 3	4ft	4ft	Med Rip	Rap 3ft	
16 N42.60995 W-74.39350		No Embankment Damage	All work done by Contract	Total length of Embankment damage =			

3602ft Note: The Applicant will be incurring Disaster Admin Costs, eligible costs will be reconciled at close outWork to be Complete – Embankment Scope of Work - Culverts

Site Location Culvert

2a N 42.60590 W -74.37928 Three Culverts were damaged at this location

20ft x 36in CMP crushed crossing town road 102ft off Mill Valley

40ft x 36in CMP crushed crosses under Mill Valley

20ft x 12in CMP under driveway adjacent to Mill Valley

3a 100ft SE from Site 3 40ft x 18in CMP 4 N42.60465 W -074.37793 40ft x 12in CMP 12 N42.59451 W-074.36536 20ft x 18in HDPE 20ft x 8ft x 4ft 13ft x 18in CMP

1042DR4AE-12 Sawyer Hollow Road PA-02-NY-4020-PW-01232 PA-02-NY-4020-State-0016(15)

Scope of Work Culverts The following Culverts were replaced and backfilled with crusher run

1. 20ft x 20ft x2ft total medium rip rap placed up stream and down stream at the culvert. 2. 334ft x 22ft x 3in binder 3. 4ft x 334ft x 4in crusher run 1. Pavement 334ft x 26ft x 2in top coat = 965sy = 1930sy/in Cost Code 3110

1042DR4AF-12 Bridge 99 Padpodic Rd, Richmondville PA-02-NY-4020-PW-00669 PA-02-NY-4020-State-0016(15)

Replace and realign 40ft x 6ft dia CMP culvert. Reshape 200ft x8ft no name stream and provide 20tn of Rip Rap at the culvert exit and entrance. Reshape Cobleskill Creek 400ft x 30ft. Reshape embankments 400ft x 30ft using reclaimed scour material. Armor embankments 30ft x 15ft x 3ft deep at each corcnawgws. Roay sbae 150 x 24ft x1in crusher run = 133cy FEMA cost 3091 \$19.50/cy =\$2593.50

Roadway pavement 150ft x 24ft x 3.5in = 8yd x 50yd x 3.5in = 140Qsy/in x \$3.54 = \$4956. Fertilize and seed approximately 1 acre for erosion protection. Note: The Applicant will be incurring Direct Admin Costs that will be reconciled at closeout.

1042DR4AG-12 Flat Creek Rd Culvert PA-02-NY-4020-PW-02415 PA-02-NY-4020-State-0038(39)

Culvert 35 ft x 24 in HDPE W/30 in galvanized flared ends was replaced, slot was backfilledwi crusrrun 7 ftx 5 ft x 6 ft., Filled ends (2) x 17 ft x 5 ft x 6 ft crusher run The sub-grantee is requesting direct administrative cost.

1042DR4AH-12 Ecker Hollow Rd PA-02-NY-4020-PW-01754 PA-02-NY-4020-State-0038(39)

1. Cleared and reshaped and re-established stream 400ft x 12ft x 15ft embankments 2. Upstream reset native large stackable rip rap wingwalls 30ft x 5ft x 8ft 3. Downstream large stackable rip rap headwall 40ft x 8ft x 5ft 4. Roadway; 300ft x 20ft x 3in binder, 300ft x 20ft x 12in sub-base crusher run, 300ft x 4ft x 4in shoulder crusher run. 5. Regrade, seed and fertilize 1 acre embankment 6. Pav't 300ft x 20ft x 2in top coat 7. Reset 201ft Box Beam Guide Rail 8. 10cy rip rap embankment downstream of culvert

1042DR4AI-12 Broom Center Road PA-02-NY-4020-PW-00321 PA-02-NY-4020-State-0046(45)

Replaced destroyed boiler plate culvert (not available on market anymore) with 40 ft x 5 ft polyethylene culvert (boiler plate no longer available on market). Rebuild the up and downstream Rip Rap wing wall W/ reclaimed and medium stone rip rap (68.18 tons).

Repaved 212 ft x 20 ft x 6 in asphalt/binder base after rebuilding road base (using both local reclaimed fill and trucked in stone (69.2 tons) and crusher run (69.43 tons).

1042DR4AJ-12 Flat Creek Road, Site 2 PA-02-NY-4020-PW-01992 PA-02-NY-4020-State-0046(45)

150 ft x 50 ft x 4 ft of rip rap embankment has been replaced. The work was done by Emergency Contract.

1042DR4AK-12 Shun Pike Road PA-02-NY-4020-PW-01992 PA-02-NY-4020-State-0046(45)

Replace culvert with precast concrete to provide a more expeditious and less expensive cost versus cast in place. Costs incurred will be similar to that constructed on Brooker Hollow Rd

1042DR4AL-12 Flat Creek Road Culvert PA-02-NY-4020-PW-02266 PA-02-NY-4020-State-0046(45)

The following repairs were completed. 1. 40' x 4 ft x 5 ft 6 in Box culvert was installed and along with (2) cover planks 20' x 4 ft x 8 ft 2. (4) levels high x 5 ft x 1 ft high by 4 ft thick upstream North wing walls replaced 3. (4) levels high x 11 ft x 1 ft high x 6 ft thick upstream South wing walls replaced. 4. (4) levels high x 14 ft x 1 ft high x 6 ft thick downstream North wing walls replaced. 5. (4) level high x 11 ft x 1 ft high x 6 ft thick downstream South wing walls replaced. 6. 46 ft x 28 ft x 8 ft bank rebuild North upstream at road. 7. 50 ft x 8 ft x 2 ft bank replaced, discharge end North side 8. Bank replaced 40 ft x 15 ft x 8 ft on North downstream side 9. Bank replaced 20 ft x 112 ft x 8 ft. 10 Rip Rap 40 ft x 10 ft x 4 ft on upstream South side was repaired. 11. Rip Rap 40 ft x 10 ft x 4 ft on upstream North side was repaired. 12. Rip rap 112 ft x 8 ft x 4 ft was repaired on South side discharge end. 13. Rip rap 125 ft x 8 ft x 3 ft repaired on North discharge end 14. ip a0f2 ft x5 ft rpair ondischrg nd ofstream fro clvert in curve.

1042DR4AM-12 Westkill Rd PA-02-NY-4020-PW-01988 PA-02-NY-4020-State-0046(45)

1. 40' x 4 ft x 5 ft 6 in Box culvert was installed and along with (2) cover planks 20' x 4 ft x 8 ft

An Emergency Contract was awarded to Ketco, Inc to replace the 40ft x 90in cmp culvert and 62ft x 35ft crusher run backfilled around the pipe, heavy stone stacked headwall 55ft x 5ft x 10ft avg (North side) and 62ft x 5ft x 10ft avg (South side) and embankment rip rap 15ft x 20ft x 6fteep rt side) nd80ft x 80ft x 62ft (triangle shaped) x 4ft deep (South side).

1042DR4AN-12 Hoyt Bridge PA-02-NY-4020-PW-01728 PA-02-NY-4020-State-0051(51)

Installed 8 yards of NYSDOT grout and one 12 foot steel reinforcing rod, 6 x #2 coil rods and 6 x #2 anchors to eliminate the scour on right abutment as needed to meet Red flag removal by the state. Weir to be installed by force account under PW BG46-2. Costs have been reviewed and found reasonable for scope of work and site conditions.

1042DR4AO-12 Flat Creek/Platter Kill Creek PA-02-NY-4020-PW-02054 PA-02-NY-4020-State-0051(51)

1. Replace rip rap 180 ft x 8 ft x 6 ft on road bank 2. Replace rip rap 145 ft x 25 ft x 4 ft on road bank

1042DR4AP-12 Westkill Road PA-02-NY-4020-PW-00874 PA-02-NY-4020-State-0051(51)

1. Remove woody debris 30cy and regraded 2 acres 2. French Drain 150ft x 18in perforated Poly Pipe in 6ft x 3ft x 150ft rip rap 3. (4) Weirs 20ft x 4ft x 4ft rip rap (3) used native stone. 4. 340cy Crusher run roadway subgrade and embankment fill 5. 240ft Silt fence Note: The applicant will be incurring Disaster Admin Costs; eligible costs will be reconciled at closeout.

1042DRAQ-12 West Fulton Rd PA-02-NY-4020-PW-06097 PA-02-NY-4020-State-0056(55)

Location Length

Site 1. (1) 42.56135 -74.45517 265ft

Site 2. (5) 42.59322 -74.46639 393ft

Site 3. (6) 42.59610 -74.46904 290ft

Site 4. (10) 42.62043 -74.47099 227ft

Site 5. (12) To Be Done 1175 Ft

Location Length

Site 1. (1) 42.56135 -74.45517 2 anchors and terminal sections 12.5ft x 2 = 25ft

Site 2. (5) 42.59322 -74.46639 "

Site 3. (6) 42.59610 -74.46904 "

Site 4. (10) 42.62043 -74.47099 "

Site 5. (12) 42.62588 -74.46698 80ft x 2 = 160ft of W-Beam Guide Rail and 4-anchors Rail = 160ft + 4 x 25ft = 260ft cost code 3419 Anchors = .875 cy each x 10 = 8.75 structural concrete pre-cast and shipped to site by Force account labor cost code 3215

1042DR4AS-12 Barton Hill Road PA-02-NY-4020-PW-06433 PA-02-NY-4020-State-0061(60)

The applicant chose to perform the work with force account labor (\$1,154.51), force account equipment (\$1,610.00), and force account materials (\$223.67).

Work Completed: Site 1: Realign and reshape 292FT L x 5FT W x 1FT D (292 x 5 x .08/27 = 4.3 CY x 1.3 = 5.6 Tons of crushed rock) drainage ditch and replace lost crushed stone from reclaimed materials. Site 2: Realign and reshape 50FT L x 1FT D (50 x 5 x .08/27 1CY x 13 = 4.3 Tons of crushed rock) drainage ditch and replace lost crushed stone from reclaimed materials; also restore washed out shoulder 600FT L x 2FT W x 4IN D (600 x 2 x .33/27 = 14.7 CY x 1.3 = 19 Tons of crushed stone) with crushed stone. Site 3: Realign and reshape 1200FT L x 5FT W x 1FT D (1200 x 5 x .08/27 = 18 CY x 1.3 = 23 Tons of crushed rock) and replace lost crushed stone from reclaimed materials

1042DR4AT-12 Hauverville Road PA-02-NY-4020-PW-01370 PA-02-NY-4020-State-0061(60)

Below is the list of start points a Ingt f paveme/shoulder for shoulders 4 ft x 4 in crusher run and 20 ft x 3 in x asphalt Binder coat. Additional spots needed additional crusher run in road wash outs to bring the road up to grade. 1. 42.51117/-74.22647 3228 ft 2. 42.51326/-74.23897 773 ft 3. 42.51422/-74.24536 784 ft 4. 42.51196/-74.25059 280 ft 5. 42.50995/-74.25302 369 ft 6. 42.50893/-74.25397 2517 ft 7. 42.50186/-74.25734 1073 ft 8. 42.49768/-74.26002 1650 ft 9. 42.49361/-74.26352 864 ft 10. 42.49130/-74.26559 336 ft 11. 42.49005/-74.26672 683 ft Total 12557 ft x 20 ft (nom) x 3 in = 62785 sq ft/27 = 2325 cy. Total 12557 ft x 4 ft x 2 in (double shoulder) 8388 sq ft/27 = 310 cy. An additional 360 cy of crusher run was used to fill in and build up road shoulders as needed over the 12557 ft of paved length. 2 Inch top coat asphalt to be installed in the spring of 2012. 12,557 ft x 24' Nominal x 2" thick. 1. 42.51117/-74.22647 3228 ft 2. 42.51326/-74.23897 773 ft 3. 42.51422/-74.24536 784 ft 4. 42.51196/-74.25059 280 ft 5. 42.50995/-74.25302 369 ft 6. 42.50893/-74.25397 2517 ft 7. 42.50186/-74.25734 1073 ft 8. 42.49768/-74.26002 1650 ft 9. 42.49361/-74.26352 864 ft 10. 42.49130/-74.26559 336 ft 11. 42.49005/-74.26672 683 ft Total Pavement length top coat 12,557 ft x 24 ft x 2 in = 50328 ft³ / 27 = 1864 cy Cost for finish paving based on work completed paving rates. \$337,045 x .60 (3 in paving to 2 in yet to be done) = \$224,809 x 1.2 (20 ft paving instead of 20 ft paving) = \$269,770.80. DAC will be reconciled at closeout.

1042DR4AU-12 Knox Road PA-02-NY-4020-PW-06444 PA-02-NY-4020-State-0065(64)

Schoharie County used Force Account Labor, Equipment, Materials and rented equipment to repair the following flood damaged sections of CR 24 (Knox Rd.). Site 1 - Roadway embankment washout- Applicant used 40ft x 5ft x 6ft = 45CY of reclaimed materials and gravelly debris from ditch for embankment fill along the southeast and southwest sides of CR 24. The remaining embankment repairs performed on this site were Hazard Mitigation measures (See attached HMP). The applicant also used reclaimed material to reshape the 40ft x 30ft damaged shoulder area. Site 2 - Roadway shoulder washout - 120ft x 3ft x 2ft = 27CY x 1.85 = 50 tons of stock crusher run (gravel) to repair washout. Gravel was purchased from Cobleskill Stone Products, 50 tons at \$6.50/ton = \$325.00. The embankment repairs performed on this site were Hazard Mitigation measures (See attached HMP). Site 3 - Road ditch washout - pican ud relaimed materials o re-establh 100ft x t x inch= 178CY f ditch embakmen

1042DR4AW-12 Larry Hill Road PA-02-NY-4020-PW-06734 PA-02-NY-4020-State-0079(78)

The applicant chose to complete the work to repair the erosion and washout with force account labor (\$3,744.15), force account equipment (\$4,085.00), and force account materials (\$353.41). 1. Clear, grade, and restore shoulder on the east side of the road 550FT L x 2FT W with 4IN of crusher run (550 x 2 x 0.33/27 = 13.4 CY x 1.3 Tons/CY = 17.48 Tons) and clear and reshape 550FT x 6FT x 1.5FT of drainage ditch with 4IN of crusher run (Sides of the drainage ditch are sloped and the amount of slope is approximately 3.4FT x 2sides = 6.8FT) (550 x 6.8 x 0.67/27 = 92.8CY x 1.3 tons/CY = 120.6 Tons). 2. Clear, grade, and restore shoulder on the west side of the road 1100FT L x 2FT W with 4IN of crusher run (1100 x 2 x 0.33/27 = 26.9CY x 1.3 Tons/CY = 34.96 tons) and clear and reshape 1100FT x 4FT x 1.5FT D of drainage ditch with 6IN of crusher run (Sides of drainage ditch are sloped and the amount of slope is approximately 2.5FT x 2sides = 5FT) (1100 x 5 x 0.5/27 = 101.9 CY x 1.3 Tons/CY = 132.5 Tons) To the extent possible existing washed away crusher run was collected and redistributed on the shoulders and in the drainage ditches. Only 54.37 tons of crusher run (Item F from Cobleskill Stone Products, Inc.) need to be purchased. See material records. Payroll records and timesheets are on file with the applicant. Armouring the west drainage ditch was included as part of the permanent work. The cost for this work has been removed from the completed work and appears as a hazard mitigation proposal.

1042DR4AX-12 West Fulton Road PA-02-NY-4020-PW-02849 PA-02-NY-4020-State-0079(78)

Site 1. (5) 42.59322 -74.46639 - Damage Length: 512 FT; Site 2. (6) 42.59610 -74.46904 - Damage Length: 480 FT; Site 3. (7) 42.59755 -74.47141 - Damage Length: 276 FT; Site 4. (8) 42.61167 -74.47452 - Damage Length: 258 FT; Site 5. (9) 42.61675 -74.47308 - Damage Length: 22 FT; Site 6. (11) 42.62539 -74.46697 - Damage Length: 22 FT; Site 7. (12) 42.62588 -74.46698 - Damage Length: 600 FT; Pavement Width: 20 FT; Binder: 3 IN; Base Crusher Run: 12 IN; Shoulder Crusher run 4 FT X 4 IN Top Coat Pavement 2 IN Depth. Site 1: L 512 FT X W 24 FT / 9 = 1,365 SY; Site 2: L 480 FT X W 24 FT / 9 = 1,280 SY; Site 3: L 276 FT X W 24 FT / 9 =

736 SY; Site 4: L 258 FT X W 24 FT / 9 = 688 SY; Site 5: L 22 FT X W 24 FT / 9 = 59 SY; Site 6: L 22 FT X W 24 FT / 9 = 59 SY; Site 7: L 600 FT X 24 FT / 9 = 1,600 SY; Total 11,672 SY SY/IN = 2 IN X 11,672 SY = 23,344 Cost Code 3110.

1042DR4AY-12 Baptist Church Road (R64) PA-02-NY-4020-PW-07441 PA-02-NY-4020-State-0088(87)

Schoharie County used Force Account Labor, Equipment and Materials to complete repairs. All work is 100% Complete. Damaged areas of the roadway were restored to pre-disaster condition. Site #1 (GPS: 42.54911,-74.66515) - Replaced 30-ft x 12-in diameter HDPE culvert pipe. Replacement included excavation and backfill (30-ft-long x 3-ft wide x 3-ft Deep/ 27 = 11.85. Replaced crusher run gravel over the top of the culvert (30-ft long by 4-ft wide x 2-ft deep. Replace two (2) flat stackable stone headwalls 4-ft x 2-ft x 1-ft each (0.3 CY or 0.7 Tons each for a total of 0.6 CY or 14 Tons). The Fae raof ach hadwa is 8SF for a otal of 1-SF. Sie#2 (PS: 425578, -4.6656) - Replced a 40-ft x18-inHDPE cross road culvert. Also replaced the stacked flat stone headwall on the inlet side, 7-ft long x 2-ft high x 2-ft thick (1.04 CY or 2.3 Tons; Face Area = 14-SF). Crusher run gravel was replaced on the shoulder and over the culvert 35-ft long x 5-ft wide x 3-ft deep (19.44 CY or 24.9 Tons) that was washed away. Culvert replacement included excavation and backfill (40-ft x 4-ft wide by 5-ft deep) using existing materials and the replaced crusher run gravel. Culvert replacement included remoaland repacect of the sphlt avement 20-ft x 6-ft = 120-SF /27 = 4.44 SY including 3-inch binder and 2-inch wearing course. SUMMARY OF PROJECT COST: All work was completed using Force Account Labor, Equipment and Materials. However, back-up for labor, equipment and materials was not available at the time this SA was prepared. In the present case, the cost for completed work was estimated using cost codes developed by the New York State Department of Transportation as well as RS Means as adjusted for the Albany region. A breakdown of costs for repairs is included in the attached Cost Continuation sheet.

1042DR4AZ-12 Beards Hollow Road PA-02-NY-4020-PW-02683 PA-02-NY-4020-State-0088(87)

Schoharie County chose to use force account labor (234 hours), force account equipment (\$4,817.00), and force account materials (\$2,733.88) in conjunction with a contract with Cobleskill Stone Products, Inc. (\$27,790.17) for pavement and subbase, and Lancaster Development, Inc. (\$13,000.00) for drainage ditch and embankment repairs. Contracts were secured in accordance with Schoharie County procurement procedures (copy attached). The following damaged areas of the roadway were restored to pre-distaster condition. Site 1: 1) Restore embankment at Bridge 73 100FTx 12FTx 15FT; 2) Clean and reshape drainage ditch alongside the road 625FT and replace 625FT x 6FT with small rip rap; 3) Repaired two driveways 20FT x 10FT x 2FT each with crusher run; replace 1-20FT x 18IN CMP culvert; and clean 1-20FT x 18IN CMP Culvert; 4) Replace 1 - 40FT x 24IN HDPE culvert; 5) Clean, remove loose material, regrade, and replace washed out portion of the roadway 625FT with 24IN subbase crusher run and 3IN pavement binder and 625FT x 4FT shoulder with 4IN of crusher run; 6) Restore approximately 1 acre of embankment and replace 20FT x 15FT x 3FT of medium rip rap on the southwest side of the bridge; Site 2 - 8) Replace 1 - 40FT x 24IN HDPE culvert and restore 20FT x 8FT x 2FT of driveway with crusher run. 5) Replace 2IN of top coat pavment 725 FT x 20FT; 7) Clean and reshape approximately 3100 FT of drainage ditch alongside the roadway

1042DR4BA-12 Gridley Bridge PA-02-NY-4020-PW-02602 PA-02-NY-4020-State-0088(87)

There is no work to be completed, work is 100% finished and bridge inspection certification issued after certification By Willy Grimmke, P.E., and bridge is open and in operation. The sub-grantee is requesting direct administrative costs that are directly chargeable to this specific project. Associated eligible work is related administration of the PA project only and in accordance with 44 CFR 13.22. These costs are treated consistently and uniformly as direct costs in all federal awards and other sub-grantee activities and are not included in anyaproe indirct cost raes. 1a. Jaked up East en ofbridg 3 f to 4ft andre-ained bridgeto previous Ceterlin. 1b. Excavate and installed new footings, abutments and wing walls (see drawing 01354 5 of 12 abutment details) overall 55 ft 13/4 in x 12 ft 6 1/2 in x 2 ft high footings, 53 ft 3 1/2 in x 6 ft abutment with back wall attached. 2. Replace approximately 90 CY of Medium stone fill, East abutment and approach. 3. Replaced Approximately 100 CY of select structural fill washed away on and around bridge abutment and approach, East bank. 4. Replace approximately 10 ft x 10 ft x 3 ft of rip rap on West bank upstream 5. Rplaced aproximaly 10 ft x 1ft x ft of rip rap on west bank downstream 6. Replaced approximately 40 ft x 30 ft x 3 ft of rip rap on Northwest bank downstream 7. Replaced approximately 10 ft x 10 ft x 3 ft of rip rap on Southwest bank upstream 8. Rebuild swail on upstream side of approach ramp. 9. Rebuild approach road with 10 CY of road base material in wedge shape, repave Northeast approach and bridge itself with 60 tons of Asphalt. 10. Replace and install 48 ft of double bridge guide rail on Northeast bank upstream. Reset and reinstall 80 ft guide rail. 11. Replace approximately 10 cy of fill behind west wing wall downstream side. Backfill 50' x 40' x 3' deep erosion areas w/common backfill. Mitigate against that cost

1042DR4BB-12 Schoolhouse Road PA-02-NY-4020-PW-07193 PA-02-NY-4020-State-0089(89)

The applicant chose to complete the work using force account labor (\$867.26), force account equipment (\$480), rental equipment (\$1656), and materials (\$2086.44). The applicant reports that they have an agreement with the surrounding communities that the County will provide maintenance and repair for the roads and bridges. Additionally, a part of this agreement stipulates that the County's area of responsibility extends 400 FT upstream and downstream of bridges. The significant flooding in the Village of Schoharie whee theonty rcords reside, damaged all the County's records so a copy of this agreement is not currently available. Copies have not been available from the various communities for the same reason. The County's records, that were salvaged, are currently being restored and, if the agreement is part of those records, a copy will be provided. The County has been asked by FEMA Project Specialists to re-enact the agreement should the damaged copy not be recoverable and have it available at close out. Work Complete: 1. On the east side of the north end of the bridge replace and reshape approximately 60FT L x 15FT W x 3FT D (60 x 15 x 3/27 = 100CY) of rip rap covered embankment that was washed out; and on the east side of the south end of the bridge replace and reshape approximately 60FT L x 15FT W x 3FT D (60 x 15 x 3/27 = 100CY) of rip rap covered embankment that washed out. 2. On the east side of Schoolhouse Road reshape and regrade approximately 200FT L x 2FT W x 3FT D of drainage ditch that was scoured. 3. Clear and remove gravelly debris in the stream covering an area approximately 100FT L x 50FT x 1FTD (100 x 50 x 1/27 = 185CY

1042DR4BC-12 Zimmer Road over Fox Creek PA-02-NY-4020-PW-06569 PA-02-NY-4020-State-0089(89)

Some work has been completed by both Force Account Labor, Equipment and Materials and other work has been completed by a Contractor. See Continuation sheet for specifics. The aplicant hs hire Sectra Egeineering t conduct daage evaluationsand t prepa nd estimte. Te Engineerscosts are included as Drect Admin Cost on this PW. The final Direct Administrative Costs will be reconciled at closeout of the completed construction. 1). Repaired washout of the north approach roadway gravel sub base approximately 100 LF x 24FT wide x up to 2 FT deep. 100 x 24 x 2 = 4800/27 = 178 CY. Backfilled primarily with native materials on site. 2). Erosion of the NE shoulder approximately 25 FT x 8 FT x 4 FT deep. 25 x 8 x 4 = 800/27 = 30 CY estimated. 3). Erosion of the NW shoulder approximately 17 FT7 FT x 6 FTdeep. 17 x 7 x 6=71/27 = 26 CY estimated. 4).

Undermining of the Northeast wing wall approximately 10 FT x 6 FT x 4 FT deep. $10 \times 6 \times 4 = 240/27 = 9$ CY estimated. 5). Embankment erosion approximately 25 FT x 14 FT x 2 FT deep at the NE corner. $25 \times 14 \times 2 = 700/27 = 26$ CY estimated. 6). Washed away heavy stone fill from NE embankment - Rip Rap, 21.5 FT x 25 FT x 2 deep. $21.5 \times 25 \times 2 = 1075/27 = 40$ CY estimated. Erosion areas backfilled with approximately 79.25 Tons of Stone and 35.37 Tons of Sand/gravel. It is presumed that the remaining work will be completed under Contract and will be awarded following the County's procurement procedures. Work needed to restore the site to the pre-disaster design, function and capacity will include; repave the approach roadway with 4 IN of asphalt, remove and replace the damaged approach guiderails remove and replace damage guiderail posts, remove existing asphalt wearing surface from the bridge deck, remove and replace the waterproofing membrane and repave the asphalt wearing surface on the bridge deck. 1). Re-pave damaged asphalt approach roadway - 100 FT long x 24 FT wide x 4" thick asphalt. $100 \times 24 \times .33 = 792/27 = 29$ CY x 3780lbs/CY = 110880/2000 = 55 Tons @ \$115/Ton = \$6325.00 2). Remove and replace damaged sections guiderail along the north approach approximately 90 LF total @ \$45.50/LF = \$4095.00 3). Remove and replace damaged guiderail posts along the north approach - approximately 20 posts @ \$54.00 EA = \$1080.00 3). Remove 66 FT long x 24 FT wide x 2" thick deck wearing surface $66 \times 24 = 1584/9 = 176$ SY(2) (For 2 IN thick) = 352×5.90 SY = \$2077.00 4). Remove and replace the damaged waterproofing membrane - Deck, under asphalt - 66 LF x 24 LF $66 \times 24 = 1584/9 = 176$ SY @ \$40.00 = \$7040.00 3). Repave the 66 FT long x 24 FT wide x 2" thick deck wearing surface $66 \times 24 \times .17 = 2669/27 = 10$ CY x 3780lbs/CY = 37669/2000 = 19 Tons @ \$115.00/Ton = \$2185.00
\$22,802.00 Total

1042DR4BD-12 Durham Road PA-02-NY-4020-PW-07250 PA-02-NY-4020-State-0089(89)

The applicant chose to complete the work using force account labor (\$2,081.60), force account equipment (\$2,307), rental equipment (\$200.88), and materials (\$5,973.88). The applicant reports that they have an agreement with the surrounding communities that the County will provide maintenance and repair for the roads and bridges. Additionally, a part of this agreement stipulates that the County's area of responsibility extends 400 FT upstream and down stream of bridges. The significant flooding in the Village of Schoharie where the County records reside, damaged all the County's records so a copy of this agreement is not currently available. Copies have not been available from the various communities for this reason. The County's record, that were salvaged, are currently being restored and if the agreement is part of those records, a copy will be provided. The County has been asked by FEMA Project Specialists to re-enact the agreement should the damaged copy not be recoverable and have it available at close out. Work Complete: 1. At the south end of the Durham Road Bridge on the east side replace the stone wall 45 FT L x 10 FT H x 5 FT W ($45 \times 10 \times 5/27 = 83$ CY) that was destroyed with heavy stackable rock. Additionally, backfill the area of embankment directly behind the stone wall, 51 FT L x 21 FT W x 15 FT D ($51 \times 21 \times 15/27 = 595$ CY) with crusher run and replace the 20 FT L x 15 IN inner plastic pipe culvert. 2. At the south end of the Durham Road Bridge on the west side replace with rip rap and reshape the area of embankment 26 FT L x 12 FT D x 6 FT H ($26 \times 12 \times 6/27 = 69$ CY) that was washed out.

1042DR4BE-12 Stone Store Road PA-02-NY-4020-PW-06725 PA-02-NY-4020-State-0089(89)

Contract: Clean gravel out of culvert/bridge to clear up flow-through, rebuild stream bed and banks to pre-flood route to allow proper flow through channel to meet bridge/culvert. NOTE: All locally recovered materials were re-used on site by contractor to rebuild stream bed. No "off site" disposal was required. Force account: Used 73.63 tons of crusher run to cover back side of bridge/culvert to protect bridge/culvert 26 ft x 11 ft x 8 in (average) and along 182 ft x 3 ft (average) x 2" thick of shoulder on SE edge of road. Associate eligibility work is related to administration of this PA project only in accordance with 44 CRF 13.22.

1042DR4BF-12 Picket Hill Road Bridge PA-02-NY-4020-PW-07593 PA-02-NY-4020-State-0089(89)

The applicant reports that they have an agreement with the surrounding communities that the County will provide maintenance and repair for the roads and bridges. The significant flooding in the Village of Schoharie (approximately 8 to 10 FT) where the County records reside, damaged all the County's records so a copy of this agreement is not currently available. The County was asked by FEMA Project Specialists to re-enact the agreement should the damaged copy not be recoverable and have it available at close out. The applicant chose to perform the repairs under a Time & Materials contract with Lancaster Development, Inc. (\$252,506.37). Copy of the contract is provided as part of the back up along with the County's purchasing requirements. As part of the contract work, rip rap was installed along the banks in lieu of the pre-disaster soil. This work has been pulled out the contract price and is shown as an HMP. The costs shown are to restore the embankments to pre-disaster condition. Costs used are based on RS Means, 1st Quarter 2012, Albany, New York. The following work would have been completed to repair the damaged area to pre-disaster condition: 1) At the northwest side of the bridge span 100 ft x 40 ft x 4 ft/27 = 592.6 CY of embankment fill would be replaced and compacted; 2) At the northeast side of the bridge span 160 ft x 50 ft x 4 ft/27 = 1,185.2 CY of embankment fill would be replaced and compacted; 3) At the southeast side of the bridge span 75 ft x 40 ft x 4 ft/27 = 444.4 CY of embankment fill would be replaced and compacted; 4) At the southwest side of the bridge span 120 ft x 30 ft x 3 ft/27 = 400 CY of embankment fill would be replaced and compacted; 5) Gravel bars deposited by flood waters approximately 45 ft 10 ft x 2 ft/27 = 33.3 x 2 (on each side) = 66.6 CY of the center bridge pier would be removed, with materials reclaimed and reused as embankment backfill; 6) At various locations above and below the bridge, approximately 700 CY of gravelly bars would be removed, with materials reclaimed and reused as embankment backfill; 7) 20 CY of concrete would be pumped around undermined footings to stabilize the wingwall of the bridge abutment. The structural fill beneath the southwest wingwall of the bridge abutment would be replaced and compacted for an area approximately 9 ft x 4 ft x 4 ft/27 = 18.7 CY

1042DR4BO-12 Peck Street (R42) PA-02-NY-4020-PW-07471 PA-02-NY-4020-State-0092(91)

Schoharie County used Force Account Labor, Equipment and Materials to complete repairs. Damaged areas of the roadway were restored to pre-disaster condition. Repairs, and associated costs were reviewed by the Project Specialist and found reasonable and appropriate. Site #1 (GPS: Beginning, 42.46297, 74.63661 and GPS: Ending, 42.46905, -74.62500) - A 3000-ft of ditch was shaped and cleaned by county personnel. Site #2 (GPS: 42.46703, -74.62969) - A 40-ft x 15-in HDPE culvert pipe and 12-ft x 2-1/2-ft x 1-ft (1.11 CY or 2.4 Tons) with a total face area of 25-SF stacked stone headwall on the discharge end of the culvert were replaced. To complete repairs an area of pavement 10-ft wide by 25-ft long (250 SF or 27.78 SY) was removed and replaced. Excavation and backfill with same materials 10-ft wide x 25-feet long by 5-feet deep (46.3 CY). Site #3 (near Topkins Hill Rd crossing) (GPS: Beginning, 42.47151, -74.61886, GPS: Ending, 42.47297, 74.61829) - The Applicant completed 500-ft of ditch cleaning and replaced crusher run along the shoulder 700-ft x 2-ft x 4-inches (17.3 CY or 22.1 Tons). SUMMARY OF PROJECT COST All work was completed using Force Account Labor, Equipment and Materials. However, back-up for labor, equipment and materials was not available at the time this SA was prepared. In the present case, the cost for completed work was estimated using cost codes, including, where available, those developed for New York State by FEMA or other authorities. The cost codes

used for estimating repairs included the following: - FEMA Cost Code 3070 - Ditch Cleaning & Shaping \$ 3.40 per LF (National) - Equipment and labor necessary for cleaning roadside ditches using gradall/excavator and dump truck operation (per linear foot of ditch). - RS Means 334113501050 \$13.15/ LF - Public Storm Utility Drainage Piping, drainage and sewage, corrugated HDPE, type S, bell and spigot, with gaskets, 15" diameter, excludes excavation and backfill. \$13.15/ LF (RS Means) - FEMA 3050 CY EXCAVATION & BACKFILL (Small Unclassified) \$ 12.00/CY (State) - Equipment and labor necessary for excavating material such as around manholes, pipes, small structures, etc. and backfilling with same material. - FEMA 3011 - CY AGGRGATE SURFACE COURSE \$ 28.00/CY (State) - A select clay gravel or similar material used on the top 3 inches of surface of an unpaved roadway, in place cost, including hauling, dumping and grading. Allow 5 mile one-way haul. FEMA 3150 - SY PAVEMENT REMOVAL \$ 5.00 /SY (State)- Breaking FC concrete and haul to dump (10 miles R/T). - RS Means 321216130160 Plant-mix asphalt paving, for highways and large paved areas, binder course, 3" thick, no hauling included. \$13.60 S.Y. - RS Means 321216130380 Plant-mix asphalt paving, for highways and large paved areas, wearing course, 2" thick, no hauling included. \$10.30 S.Y. - RS Means 323260100500 \$63.50 S.F (Face Area) - Stone retaining walls, cut stone, to 6' high, 1'-6" thick, dry set, includes excavation, concrete footing and stone, 3' below grade. Price is exposed face area. \$63.50 S.F. (Includes Labor and Materials) A breakdown of the repair costs is included in the Cost Continuation Sheet (See Attached). This is a Small Project and site inspection by the Project Specialist to confirm damages and eligible repairs, validates the reasonableness of the claimed repair costs. DIRECT ADMINISTRATIVE COST: The Applicant is claiming Direct Administrative Costs. TOTAL PROJECT COST: The total project cost including DAC is 16,754.09. MITIGATION: All work is 100% Complete. There are no opportunities for add-on mitigation.

1042DR4BP-12 Groenors Corers Road PA-02-NY-4020-PW-07453 PA-02-NY-4020-State-0092(91)

Schoharie County used Force Account Labor, Equipment and Materials to complete repairs. Damaged areas of the roadway were restored to pre-disaster condition. Work is 100% Complete. Location #1 (GPS Start: 42.70056, -74.45639; End GPS: 42.70510, -74.44821) - The Applicant cleaned 3000 feet of roadside drainage ditch on the north side of the road and 1000 feet of ditch on the south side. Location #2 (GPS: 42.70578, -74.44723) - Replaced a 40ft long 1-inch diameter CMP culvert was replaced. Replace 2 flatstone headwalls measuring 3-ft long x 2-ft high by 1-ft thick (0.22 CY or 0.5 Tons for a total of 0.44 CY, or 1 Ton) - Face Area of each is 6-SF for a total of 12-SF. Crusher run was replaced in an area 40-ft x 18-ft x 2-ft deep (53.3 CY). Location #3 (GPS: 42.70132, -74.45493) - A 20 foot long 12-inch diameter CMP culvert pipe was replaced. Crusher run was replaced in an area 20-ft x 4-ft x 18-inches deep (4.44 CY or 5.7 Tons). Replaced two stacked stone head walls 4-ft x 2-ft high by 1-ft deep (0.3 CY or 0.7 Tons) for a total of 0.6 CY or 1.4 Tons were replaced. The Face Area of each is 8 square feet for a total of 16 square feet. SUMMARY OF PROJECT COST All work was completed using Force Account Labor, Equipment and Materials. However, back-up for labor, equipment and materials was not available at the time this SA was prepared. In the present case, the cost for completed work was estimated using cost codes, including, where available, those developed for New York State by FEMA or other authorities. A breakdown of costs for repairs is included in the attached Cost Continuation sheet. - FEMA Cost Code 3070 - Ditch Cleaning & Shaping \$ 3.40 per LF (National) - Equipment and labor necessary for cleaning roadside ditches using gradall/excavator and dump truck operation (per linear foot of ditch). - FEMA Cost Code 3351 - LF CMP 12" (Furnish and Install) \$ 40.00 (State) This is a corrugated metal pipe with asphalt coating. Installation includes pipe, bedding, and backfill for culverts of normal depth (max. 5ft.) from top of culvert to road way. This does not include paved surface replacement. - FEMA Code 3353 - LF CMP 18" (Furnish and Install) \$47.00/LF (State) - This is a corrugated metal pipe with asphalt coating. Installation includes pipe, bedding, and backfill for culverts of normal depth (max. 5ft.) from top of culvert to road way. This does not include paved surface replacement. - FEMA Code 3011 - CY AGGRGATE SURFACE COURSE \$ 28.00/CY (State) - A select clay gravel or similar material used on the top 3 inches of surface of an unpaved roadway, in place cost, including hauling, dumping and grading. Allow 5 mile one way haul. - RS Means 323260100500 \$63.50 S.F (Face Area) - Stone retaining walls, cut stone, to 6' high, 1'-6" thick, dry set, includes excavation, concrete footing and stone, 3' below grade. Price is exposed face area. (Includes Labor and Materials) This is a Small Project and site inspection by the Project Specialist to confirm damages and eligible repairs validates the reasonableness of the claimed repair costs

042DR4BQ-12 Cotton Hill Road R66) PA02-NY-4020-PW-07514 P-02-NY-4020-State0093(92)

Using Force Account Labor, Equipment and Materials, Schoharie County completed repairs Cotton Hill Road. All work is 100% Complete. Damaged areas of the roadway were restored to pre-disaster condition except as may be described below. The Applicant did complete mitigation as part of repairs. These costs cannot be included in the Project Cost prior to approval. A Mitigation Proposal was prepared to evaluate eligibility for reimbursement under FEMA's Hazard Mitigation Program (See Attached Mitigation Proposal). The Applicant completed the following repairs: Location #1 (GPS: 42.62107, -74.25149) - Replaced large stone rip rap covering an area of 18-ft x 25-ft x 4-ft (66.7 CY or 90 Tons) on the south side of the road Crusher Run (gravel) along the roadway shoulder was replaced 30-ft x 6-ft x 2-ft (13.3 CY or 17.1 Tons). The applicant pulled and shaped 40-ft of roadside drainage ditch. Location #2 (Start GPS: 42.60259, -74.29655, End GPS: 42.59994, -74.29802) - Applicant pulled and shaped approximately 1300-ft long by 3-foot wide roadside drainage ditch. Note: Applicant completed mitigation as part of these repairs. This included placement of rip rap 1300-Ft long by 6-ft wide by 1-ft deep (289 CY or 390 Tons) to armor the ditch and prevent erosion in the future. This work cannot be included in the Project Cost (See Attached Mitigation Proposal). Location #3 (GPS: 42.60075, -74.29750) - Replace a stacked flat stone headwall, 6-ft x 2-ft x 1.5-ft (0.67 CY or 1.5 Tons) and crusher run over an area of 50-ft x 6-ft x 1-ft (11.1 CY or 14.2 Tons). Location #4 (GPS: 42.60075, -74.29750) - Crusher run gravel 30-ft long x 9-foot wide by 1.5-ft deep (15 CY or 19.2 Tons) was replaced at the inlet end of a 24-inch HDPE cross road culvert located at the end of a roadside drainage ditch. Location #5 (GPS: 42.60217, -74.29670) - No repairs claimed for this Site. Location #6 (GPS: 42.59992, -74.29803) - Replaced crusher run along the road shoulder 180-ft long x 5-ft wide x 1-ft thick (33.3 CY or 42.7 Tons). Note: The Applicant completed mitigation as part of repairs. This included lining the embankment with small rip rap, 135-ft x 5-ft x 1-ft (25 CY or 33.8 Tons) to armor the embankment and prevent erosion in the future. This work cannot be included in the Project Cost (See Attached Mitigation Proposal). Location #7 (GPS: 42.59906, -74.29980) - Replaced crusher run 20-ft x 6-ft x 1-ft thick (4.4 CY or 5.7 Tons). Large rip rap was placed along the embankment 12-ft long x 20-ft wide x 2-ft thick (17.8 CY or 24.0 Tons). Note: Applicant completed mitigation as part of these repairs. This included placement of rip rap (shot rock) around a 12-inch CMP culvert (not damaged) over an area 25-ft long x 2-ft high x 1-ft thick (1.85 CY or 2.5 Tons). This work cannot be included in the Project Cost (See Attached Mitigation Proposal). Location #8 (Starting GPS: 42.59855, -74.30036. Ending GPS: 42.59747, -74.30154) - Cleaned and shaped roadside drainage ditches. Replaced crusher run gravel 300-ft 2-ft x 1-ft (22.2 CY or 28.4 Tons) along the road shoulders was done. Note: The Applicant completed mitigation as part of repairs. This included armoring the ditch by

placing rip rap 40-ft x 4-ft x 1-ft (59.3 CY or 80 Tons). This work cannot be included in the Project Cost (See Attached Mitigation Proposal). Location #9 (GPS: 42.59442, 74.31194) - Replace a 20-ft x 18-inch HDPE culvert pipe and the 2 stone headwall 5-ft x 3-ft x 2-ft (.1 CY or 2.4 Tons each for a total of 2.2 CY or 2.4 Tons) on the south side of the road. Replaced crusher run covering an area of 20-ft x 3-ft x 1-ft (2.2 CY or 2.8 Tons). On the northwest side of the road, replace crusher run gravel 30-ft long x 12-ft wide x 10-inch thick (11 CY or 14.2 Tons). Mitigation: The Applicant completed mitigation as part of repairs including the placement of large rip rap 24-ft x 12-ft x 2-ft deep (21.3 CY or 28.8 Tons) around the culvert pipe there. MITIGATION: Work at roadway Locations included placement of armor stone within roadside drainage ditches (Locations 2 and 8) where such material did not exist prior to damages. Likewise at Location 6 and 7, embankments were reinforced with small rip rap or large stone where it did not exist before. These actions were performed to minimize or avoid future damages and all or a portion of these costs may be eligible for reimbursement as mitigation. Such mitigation may be eligible for up to 100% of the project cost to repair to pre-disaster conditions, but cannot be included in the Project Cost. A mitigation proposal was prepared to evaluate eligibility under FEMA's Hazard Mitigation Program. (See Attached) SUMMARY OF PROJECT COST All work was completed using Force Account Labor, Equipment and Materials. However, back-up for labor, equipment and materials was not available at the time this SA was prepared. In the present case, the cost for completed work was estimated using cost codes, including, where available, those developed for New York State by FEMA or other authorities. A breakdown of costs for repairs is included in the attached Cost Continuation sheet. As Mitigation was completed as part of repairs, the estimated repair cost included only those repairs necessary to restore the damaged locations to their pre-disaster condition. DIRECT ADMINISTRATIVE COST: The Applicant is claiming Direct Administrative Costs including \$310 for Work Completed and \$310 for Work to be Completed, totaling \$620. TOTAL PROJECT COST: The Total Project Cost, including Direct Administrative Costs, is \$30,357.81. This does not include the cost of mitigation completed as part of repairs. These will be included following review and approval of the Mitigation Proposal. This is a Small Project and site inspection by the Project Specialist to confirm damages and eligible repairs, validates the reasonableness of the claimed repair costs. MITIGATION: This PW includes mitigation completed as part of repairs. Such mitigation may be eligible for up to 100% of the project cost to repair to pre-disaster conditions but cannot be included in the Project Cost. A mitigation proposal was prepared that includes an estimate of mitigation performed at each Location. It identifies the total amount of mitigation and the potentially eligible cost. (See Attached Mitigation Proposal) The cost of mitigation, completed as part of repairs was not included in the total project cost.

1042DR4BR-12 CR-17, Flat Creek Road, Multiple Locations PA-02-NY-4020-PW-07898 PA-02-NY-4020-State-0093(92)
Schoharie County used contract services to pave the damaged road and reshape and lay Crush and Run (small gravel) along the shoulders to return the listed sites back to pre-disaster condition as listed: Site 1 - GS 42.46168 -74.35349 thru 4.46156 -74.35373, Asphalt 5ft X 20ft X 2ft 283.9CF/27 = 10.5CY X factor 2 = 21 tons; Shoulders, 85ft X 2ft X .167ft = 28.4F/27 = 1.1CYX factor 1.4 = 15 tons Site 2 - GPS 42.42975-74.40032, Asphalt, 10ft X 20ft X 2ft = 33.4CF/27 = 1.2CYX factor 2 = 2.5 tons; Shoulders, 10ft X 2ft X .167ft 3.34CF/27 = .1CY X factor 1.4 = .2 tons X 2 sides = .4 tons Site 3 - GPS 42.41961 -74.41196 thru 42.41907 -74.41249, Asphalt, 245ft X 20ft X 2ft = 818.3CF/27 = 30.3CY X 2 = 60.6 tons; Shoulders, 245ft X 2FT X .167FT = 81.83CF/27 = 3CY X 1.4 = 4.2 tons X 2 sides = 8.4 tons Site 4 - GPS 42.41532 -74.41761 thru 42.41415 -74.41966, Asphalt, 700ft X 20ft X 2ft = 2.338CF/27 = 86.6CY X 2 = 176.2tons; Shoulders, 700ft X 2ft X .167ft = 233.8CF/27 = 8.7C X 1.4 = 12.1 tons X 2 sides = 24.2 tons Site 5 - GPS 2.41384 -74.42025 thru 42.41299 -74.42201. Asphalt, 570ft X 20ft X 2ft = 1.903.8CF/27 = 70.5CY X 2 = 141 tons; Shoulders, 570ft X 2ft X .167ft = 190.4CF/27 = 7.1 CY X 1.4 = 9.9 tons X 2 sides = 19.8 tons

1042DR4CA-12 Stryker Road, CR-13 PA-02-NY-4020-PW-08124 PA-02-NY-4020-State-0098(97)
Schoharie County will utilize Force Account Labor, Equipment and Materials to complete repairs of the embankments and replace the damaged guide rail. Repairs to be completed are: Site 1 - Haul, place and compact embankment fill, L36ft X W20ft X D14ft/2 = 10,080CF = 5,040CF/27 = 186.7CY Site 2 - Haul, place and compact embankment fill, L6ft X W30ft X D2ft/2 = 360CF = 180CF/27 = 6.7CY Site 3 - Haul, place and compact embankment fill, L36ft X W20ft X D3ft/2 = 2,160CF = 1,080CF/27 = 40CY Replace 215ft of corrugated guide rail PROJECT NOTES 1. The total length of corrugated guide rail exceeds the total of embankment loss due to the pulling and twisting of the rail as the embankment failed. 2. The Applicant is legally responsible for the road listed in this S.A. and is eligible in accordance with 44 CFR §206.222(a).

1042DR4CB-12 R18- Rickard Hill Road PA-02-NY-4020-PW-08162 PA-02-NY-4020-State-0098(97)
Schoharie County used Force Account Labor, Equipment and Materials to complete repairs. Damaged areas of the roadway were restored to pre disaster condition. Site #1 (Start GPS: 42.66521, -74.27215; End GPS: 42.66701, -74.27510) - The Applicant cleaned and reshaped 800-ft of roadside drainage ditch to restore flow capacity. The upslope embankments were repaired using the earth materials recovered from the ditches. Site #2 (GPS: 42.64477, -74.22062) - To restore stream flow and prevent damage to the road culvert, the Applicant cleared rock deposited in the stream for 150-ft along both sides of the stream bank (Total of 300 Feet) on the upstream side of the culvert. This material was pulled back to restore the pre-existing alignment of the stream banks with the culvert. Also crusher run gravel 50-ft long x 4-ft wide x 6-inch deep (3.7 CY or 4.7 Tons) was reinstalled along the roadway. SUMMARY OF PROJECT COST All work was completed using Force Account Labor, Equipment and Materials. However, back-up for labor, equipment and materials was not available at the time this SA was prepared. In the present case, the cost for completed work was estimated using cost codes, including, where available, those developed for New York State by FEMA or other authorities. A breakdown of costs for repairs is included in the Cost Continuation sheet.

1042DR4CC-12 Chapma Road Bridge PA-02-NY-4020-PW-08065 PA-02-NY-4020-State-0098(97)
The applicant reports that they have an agreement with the surrounding communities that the County will provide maintenance and repair for the roads and ridges. The significant flooding in the Village of Schoharie (approximately 8 to 10FT), where the County records reside, damaged all the County's records so a copy of this agreement is not currently available. The County was asked by FEMA Project Specialists to re-enact the agreement should the damaged copy not be recoverable and have available at close out. The applicant chose to perform the repairs under a Time & Materials contract with William M. Larned & Sons, Inc. (\$61,560.00). This price has been validated and a copy of the validation estimate is attached. Costs used are based on RS Means, 1st Quarter 201, Albany, New York. Work Completed: 1) Items 1 through 4: Replace, compact, and grade 970 CY (200 + 148 + 533 + 89 = 970 CY) of embankment using gravel debris removed from stream; 2) Relay 100FT x 6FT of stacked rip rap wall; 3) Relay 200FT x 6FT of stacked rip rap wall; 5) Remove 889 CY of gravel debris from river and reuse it to replace embankments noted in items 1 through 4.

1042DR4CD-12 Hoyt Road PA-02-NY-4020-PW-08090 PA-02-NY-4020-State-0098(97)

This Subgrant Application (SA) covers the embankment and shoulder repairs. PW BG46-1 is for the repair of scour to the bridge footings. The applicant chose to complete the work using force account labor (\$1,688.57), force account equipment (\$1,977.00), rental equipment (\$900.00), and force account materials (\$4,548.02). Work Completed: 1. At the southwest side of the bridge, replace washed out embankment using reclaimed material where possible 35FT L x 2FT W x 7FT D (varying depth) (14CY - see calculation sheet) and rebuild 24IN thick stackable rip rap wingwall 35FT L x 7FT H (varying height) (32.2 Tons - see calculation sheet); and at the southeast side of the bridge, replace washed out embankment using reclaimed material where possible 35FT L x 2FT W x 7FT D (varying depth) (23CY - see calculation sheet) and the washed out the wing wall with 50FT L x 7FT H (varying height) (52.9 Tons - see calculation sheet) with 24IN stackable rip rap. 2. At the northeast side of the bridge reshape and grade the washed out shoulder using reclaimed material where possible 35F L x 35FT W x 3IN D (35 x 35 x 0.25/27 = 11.3CY); and at the northwest side of the bridge reshape and grade the washed out shoulder using reclaimed material where possible 50FT L x 30FT W x 3IN D (50 x 30 x 0.25/27 = 13.9CY). 3. On the south side of the bridge rebuild the 30FT x 4FT x 3FT weir that was washed away with stone fill (rip rap) (30 x 4 x 3/27 = 13.3CY x 2.3 Tons/CY = 30.7 Tons. Summary of Materials: Top Soil = 14CY + 23CY + 11.3CY + 13.9CY = 62.2CY Stackable Rip Rap = 32.2Tons + 52.9Tons + 30.7Tons = 115.8Tons

1042DR4CE-12 Bear Kill Road (R 18) PA-02-NY-4020-PW-08196 PA-02-NY-4020-State-0098(97)

Schoharie County used Force Account Labor, Equipment and Materials to complete repairs. Work is 100% complete. Damaged areas of the roadway were restored to pre-disaster condition. Repairs, and associated costs, were reviewed by the Project Specialist and found reasonable and appropriate. Site 1 (PS: 42.39985/74.35914) - The Applicant reshaped the stream n both sides of the road to is pre-disaster alignment.&nbs; There was strem reshaping done in an ara 100-ft x 15-ft wde on the north (pstream) side of the bride. The applicant reusedmaterials deposited in stream. Additionally medium rip rap in an area 65-ft x 15-ft x 4-ft deep along the upstream, western, embankment was replaced. Stream reshaping was done in an area 75-ft x 15-ft wide on the other side of the bridge (Bin # 3355010). Work was performed under a USACE Emergency Permit. Site 2 (GPS: 42.39980/-74.35672) - The Applicant reshaped (pulled) a roadside drainage ditch 500 long x 15-ft wide x 4-ft deep. County personnel also reset a stacked flat stone headwall 4-ft long x 2-ft high x -ft thick (0.3CY or 0.7 Tons; Face Area 8-SF). A 30-ft 15-in HDPE culvert pp was replaced. Crusher ru gravel over the shoulder and adjacent ditch was replaced 30-ft long by 5-ft wide x 2-ft deep (11.1 CY or 14.1 Tons). Site 3 (GPS: 42.40993,-74.33884) - Replaced 40-ft long x 18-in diameter HDPE culvert pipe and associated stacked flat stone headwall measuring 6-ft long x 2-1/2-ft high x 1-ft thick (0.56 CY or 1.2 Tons; Face Area = 15-SF). Work included excavation and backfill (40-ft long x 5-ft wide x 5-ft deep (37 CY) and replacement of pavement 5-ft x 20-ft (100 SF or 11.1 SY) of 2-inch surface course and 3-inch binder). Replaced crusher run on shoulder 40-ft x 5-ft x 2-ft (14.8 CY or 19 Tons).

1042DR4CF-12 Keyserkill Road (CR-17) PA-02-NY-4020-PW-08353 PA-02-NY-4020-State-0099(98)

The Applicant let a contract to Carver Construction, Inc. (\$1,603) to repair the shoulder slopes to pre-disaster condition as follows: Site 1: Rebuild the shoulder slope with reclaimed material and provide erosion control with straw for an area of 800 SF. Site 2: Rebuild the shoulder slope with reclaimed material and provide erosion control with straw for an area of 2500 SF. Site 3: Rebuild the shoulder slope with reclaimed material and provide erosion control with 3000 SF of straw and 35,000 SF (35000 x 0.25/27 = 32.4CY) of light rip rap. Site 4: Rebuild the shoulder slope with reclaimed material and provide erosion control with 1800 SF of straw.

1042DR4CG-12 Bridge Inspections PA-02-NY-4020-PW-08178 PA-02-NY-4020-State-0099(98)

Schoharie County contracted with Spectra Engineering to to perform inspections of the damaged bridges and embankments, determine if the bridges were safe enough to continue in operation in accordance with NYDOT standards, determine the appropriate repairs, estimate the costs of those repairs, and develop the necessary reports. Copy of the Spectra Engineering contract is attached to this SA. Per the Public Assistance Guide (FEMA 322) page 55, damage surveys are the responsibility of the owner. These inspections were of damaged sites to obtain sufficient information to determine what needed to be accomplished to keep the bridges open and to develop final repair scopes and cost estimates. Work Completed: No physical repairs are included in this SA. This SA is intended to capture the costs associated with recommended eligible inspections and engineering design to develop repair concepts for bridges and recommendations for embankment restoration. Bridgerepairs will be included in separate SAs for each bridge Five of the eight bridges noted have thir inspection and engineering costs captured in the rpair SA as noted below. TheAplicant will be required to provide copies of rior inspection reprts to demonstratethat there were no damagesexisting prior to the declaredevent. The follwing impacted 8 bridges are included in this SA except as noted: BG25 Hauverville Rd Bridge (BIN 3354830) - Costs are captured in PWB25, BG37 Stone Store Bridge (BIN 3354770), BG42 Zimmer Road Bridge (BIN 3354680), BG46 Hoyt Rd Bridge (BIN 3355190), . BG50 Schoonmaker Rd Bridge (BIN 3354690) - Costs are captured in PW BG50, BG87 Mill Valley Rd Bridge (BIN 3354710) (formerly West Middleburg Rd Bridge) - Costs are captured in PW BG87, BG88 Sholtes Rd Bridge (BIN 3354670) - Costs are captured in PW BG88, and BG93 Summit Rd.Bridge (BIN 100860) - Costs are captured i PW BG93. Three of thes bridges (BG42 Zimmer Road Brge, BG50 Schoonmaker Rd Bridge, ad BG88 Sholtes Rd Bridge) required actions to either limit or preclude use of the bridges until repairs could be made. Copies of the Spectra Engineering reports are included with the backup to this SA. The damages at the remaining five bridges consisted of various levels of embankment washouts and scouring. Reports including repair scopes and estimates were not developed for these damages. The fees for Spectra Engineering for the inspection and engineering costs associated with this SA totaled \$10,008.61 with preliminary estimated repair costs of \$87,500, the fee is approximately 11% of the estimated repair cost. Percentage noted in the Public Assistance Guide (FEMA 322) page 60, curve B is 14.5%. Therefore, the Spectra Engineering fee is deemed reasonable for the work completed and within the requirements of Curve B.

1042DR4CH-12 Shady Tree Lane Bridge, Shady Lane Road, and Barnerville Road, PA-02-NY-4020-PW-08121 PA-02-NY-4020-State-0105(104)

All embankment and site work was performed by contract with Ketco, Inc., of Albany, New York (\$586,000) and road work except the topping course was performed by Cobleskill Stone Products, Inc., Cobleskill, New York (\$13,301.38) for a total contract amount of \$599,301.38. The contract to Ketco, Inc. was let in accordance with their submitted bid (copy attached) and is in accordance with the county purchasing policies The applicant reports that they have an agreement with the surrounding communities that the County will provide maintenance and repair for the roads and bridges. Additionally, a part of this agreement stipulates that the County's area of responsibility extends 400 FT upstream and down stream of bridges. The significant flooding in the Village of Schoharie where the County records reside, damaged all the County's records so a copy of this agreement is not currently available. Copies have not been available from the various communities for the same reason. The County's records, that were salvaged, are currently being restored and, if the agreement is part of those records, a copy will be provided. The County has been asked by FEMA Project Specialists to re-enact the agreement should the damaged copy not be recoverable and have it available at close out. During

the course of the repair work, hazard mitigation was included as part of the contract. The cost of the mitigation has been backed out of the completed work and is included in the attached hazard mitigation proposal. Work Completed: 1. At the north end of Shady Tree Lane bridge replace and reshape the rip rap and soil embankment that washed out 1120FT L x 1F W x 3FT D (1120 x 1 x 1/27 = 622CY of sand and gravel and 1120 x 12x 2/27 = 996CY rip rap); and replace and reshape the rip rap embankment on the east bank that was washed out 120FT L x 12FT W x 3FT D (120 x 12 x 1/27 = 53CY of sand and gravel and 120 x 12 x 2/27 = 107CY of rip rap). 2. At the south end of Shady Tree Lane bridge replace and reshape the rip rap and soil embankment on the west side that washed out 100FT L x 12FT D x 3FT T (100 x 12 x 1/27 = 44CY of sand and gravel and 100 x 12 x 2/27 = 89CY of stackable rip rap); and replace and reshape the rip rap embankment on the east side washed out 100FT L x 12FT W x 3FT D (100 x 12 x 1/27 = 44CY of sand and gravel and 100 x 12 x 2/27 = 89CY rip rap). 3. At the Shady Tree Lane bridge replace washed out embankment and scour with 40FT L x 5FT W x 2FT D (40 x 5 x 2/27 = 15CY at each abutment) and at mid-span fill the scour around the edges of the pier footing 48FT L x 2FT W x 2FT D (48 x 2 x 1/27 = 7 CY of rip rap). 4. Remove washed out topping course and replace binder course of Shady Tree Lane between the north end of the bridge and Barnerville Road 350FT L x 20FT W x 3IN D (350 x 20/9 = 778SY of 3IN binder course). 5. Reshape and replace 350FT L x 2FT W x 4IN crusher run road shoulder (350 x 2 x .33/27 = 9CY) that was scoured and washed out; additionally, reshape and replace approximately 6000SF x 15IN D (6000 x 1.25/27 = 278CY of sand and gravel) embankment on the north side of the stream that was scoured and washed out. 6. Remove 25,400 SF (941CY) of boulders and gravel debris that were deposited in the stream by the flood waters and reuse for bank replacement. 7. Replace washed out topping course of Shady Tree Lane between the north end of the bridge and Barnerville Road 350FT L x 20FT W x 2IN D (350 x 20/9 = 778SY of 2IN topping course). Work on the north bank west of the bridge included hazard mitigation as a part of the permanent work. This work was to install heavy stackable rip rap along 1120 LF of embankment to protect Barnerville Road. The cost of this work was 1120FT x 12FT x 2FT .27 = 996CY x 2.3 tons/CY = 2291 Tons x \$68/Ton = \$155,788; geosynthetic soil stabilization 1747 SY x \$1.70/SY = \$2969.90; and hydro seeding 6000SF x \$37.00/MSF = \$222.00. The contract cost for placing medium weight rip rap would be 2291 Tons x \$36.00/Ton = \$82,476. Adjusted contract cost to restore to pre-disaster condition is \$586,000 - \$155,788 - \$2969.90 - \$222.00 + \$82,476 + \$13,301.38 = \$522,797.48. Contract total has been validated 1042DR4CL-12 Flat Creek Road at Spencer Roads PA-02-NY-4020-PW-08357 PA-02-NY-4020-State-0107(109)

Schoharie County Department of Public Works used Force Account Labor and Equipment to replace the damaged 36ft X 10ft X 2.5ft gabion wall around the 30in HDPE culvert outlet. The gabions were removed and replaced with extra heavy stackable stone at a much lower cost to the Applicant, SEE ATTACHED BACKUP FOR COST COMPARISON. The head and wing walls measured 36ft X 10ft X 2.5ft = 900CF/27 = 33.3CY. The repair using stackable stone was the least cost alternative; therefore, does not require being written as Hazard Mitigation.

1042DR4CJ-12 Mill Valley Road Bridge - BIN# 3354710 PA-02-NY-4020-PW08344 PA-02-NY-4020-State-0107(109)

FEMA project specialist visited the site and has developed a scope of work and cost estimate to restore/repair the bridge to its original design, function, and capacity.

p>Since the bridge sustained minimal structural damage and most of the damages are for bridge guardrail and embankment washout, the Applicant intended to repair the bridge to pre-disaster condition in accordance with NYSDOT Codes and Standards.

Bridge repair cost is estimated by FEMA project specialist utilizing NYSDOT weighted average item price report, which is derived from historic contracted items.

In order to restore/repair the bridge to its original design, function, and capacity, generally, the Applicant will have perform built embankment in place, repair bridge railings, horizontal clearance marks and timber guiderailings posts. Bridge repair should be performed in accordance with NYSDOT codes and standards. Below is a summary of the work to be performed: 1. Placement of 53 CY of select structural fill behind southeast wingwall equivalent to 53 CY @ \$ 54.59 = \$ 2,893.27, (Reference NYDOT 203.21). 2. Installation of (52 LF x 2 sides) of bridge railing on both sides of the bridge equivalent to 104 LF @ \$ 85.00 = \$ 8,840.00, (Reference NYDOT 568.50). 3. Installation of (1 FT wide x 3 FT high) of black and yellow horizontal control signs equivalent to 3 SF @ \$ 45.00 = \$ 135.00, (Reference NYDOT 645.030400114). 4. Installation of 1 post (Type A) for item 4 with embedment for the black and yellow horizontal control signs equivalent to 1 posts @ \$ 150.00 = \$150.00, (Reference NYDOT 645.8104) 5. Wooden Posts 4" x 4" equivalent to 2 each @ \$83.00 = \$ 166.00, (Reference NYDOT 645.17010008)

1042DR4CK-12 CR-17, Keyserkill Road PA-02-NY-4020-PW-08312 PA-02-NY-4020-State-0107(109)

FEMA project specialist visited the site and has developed a scope of work and cost estimate to restore/repair the bridge to its original design, function, and capacity. Since the bridge sustained minimal structural damage and most of the damages are for bridge guardrail and embankment washout, the Applicant intended to repair the bridge to pre-disaster condition in accordance with NYSDOT Codes and Standards. Schoharie County will use contract services to return the embankment of Keyserkill along CR-17, to pre-disaster condition. The contractor will obtain, haul and place fill along the road's embankment, 235ft x 15ft X 6ft = 21,150CF/27 = 783.3CY and return the slope to a 2:1 ratio.

1042DR4CL-12 CR-21, Huntersland Road PA-02-NY-4020-PW-08174 PA-02-NY-4020-State-0107(109)

Schoharie County Department of Public Works utilized Force Account Labor and Equipment and contract services to return the below locations on CR-21, Huntersland Road to pre-disaster condition. The locations repaired were: Site 1 - GPS 42.58527 - 74.28804, Carver Construction completed the repairs to the box culvert by using heavy rip-rap and shotcrete to fill the scoured areas, inside bottom wall, 6ft X 4ft X 2ft = 48CF/27 = 1.8CY X factor 1.5 = 2.7 tons, culvert bottom, 6ft X 2ft X 2ft = 24CF/27 = .9CY X factor 1.5 = 1.4 tons and at the downstream end, 23ft X 10ft X 4ft = 920CF/27 = 34CY X factor 1.5 = 51 tons, plus applying shotcrete to fill in voids, 15ft X 15FT X .167FT = 37.6CF/27 = 1.4CY. Site 2 - GPS 42.58539 - 74.28803, the stackable stone, repaired by Force Account Labor and Equipment, 15ft X 12.75ft X 4ft = 765CF/27 = 28CY X factor 2.3 = 65 tons WORK COMPLETED

Site 3 - GPS 42.58517 - 74.2861, Force Account Labor and Equipment replaced the Rip-Rap on the east side of the private bridge, 60ft X 12ft X 2ft = 1,440CF/27 = 53.3CY factor 1.5 = 80tons Site 4 - GPS 42.58508 - 74.28909, Force Account Labor and Equipment replaced the Rip-Rap on the southwest side of the private bridge, 160ft X 12ft X 4ft = 7,680CF/27 = 284.4CY X factor 1.5 = 426.7 tons Site 5 - GPS 42.5529 - 74.28826, The Applicant's contractor applied asphalt to the scoured roadway, 325ft X 24ft X .333ft = 2,597.4CF/27 = 96.2CY X factor 2 = 192.4 tons and applied crush and run to the shoulders, two sides, 650ft X 2ft X .167ft = 217.1CF/27 = 8CY X factor 1.4 = 11.3 Site 6 - GPS 42.58508 - 74.28909, The Applicant's contractor applied Crush and run over Rip-Rap fill on embankment, 160ft X 6ft X 5ft = 480CF/27 = 1.8CY X factor 1.4 = 24.9 tons

1042DR4CM-12 CR-21 Huntersland Road PA-02-NY-02-PW-08224 PA-02-NY-4020-State-0107(19)
 Schoharie County Department of Public Works utilized Force Account Labor and Equipment and contracted Carver Construction, Inc. to return the 5 site locations on CR-21, Huntersland Road to pre-disaster condition. The locations repaired were: Site 1 - GPS 42.56473 -74.23601, Contractor completed paving and shoulder repairs, Paving, 1,010ft X 23ft X .292ft = 6,783.2CF/27 = 251.2CY X factor 2 = 502.5 tons, shoulders, both sides, 1,010ft X 2 sides X 2ft X .167ft = 674.7CF/27 = 25CY X factor 1.4 = 35 tons and ditches scouring repaired by Force Account, 1,010ft X 2 sides = 2,020 ft Site 2 - GPS 42.56886 -74.24024 thru 42.57027 -74.24784, repaired by Force Account, shoulders repairs, 2,185ft X 2 sides X 2ft X .167ft = 1,459.6CF/27 = 54.1CY X factor 1.4 = 75.7 tons and ditch repairs, 2,185LF X 2 sides = 4,370LF Site 3 - GPS 42.57048 -74.25084, Cleaned and reshaped by Force Account, one side, 1,090LF Site 4 - GPS 42.56997 -74.25517, Contractor completed paving and shoulder repairs, Paving, 785ft X 23ft X .292ft = 5,272.2CF/27 = 195.3CY X factor 2 = 390.5 tons, shoulders, both sides, 2,260ft X 2 sides X 2ft X .167ft = 1,509.7CF/27 = 56CY X factor 1.4 = 78.3 tons and ditches repaired by Force Account, 2,260LF X 2 sides = 4,520LF Site 5 - GPS 42.57412 -74.26875, Rip-Rap replaced by Force Account, east end of a 36in X 50ft CMP culvert, 12ft X 10ft X2ft = 240CF/27 = 8.9CY X factor 1.4 = 12.4 tons Total Force Account Labor, Regular Time = 396.5 hours for \$9,887.81 Total Force Account Labor, Overtime = 26 hours for \$3,073.14 Total Force Account Equipment = 11 pieces for \$21,603.00 Materials = 88.1 tons for \$592.30 Contracts = \$119,342.63 Site 6 - GPS 42.58485 -74.28542, Due to NYSDOT Roadside Design §10.2.3 Barrier Types, the wooden guide posts will be replaced with corrugated guide railing on steel posts, SEE ATTACHED EXCERPT, 145LF Site 7 - GPS 42.58493 -74.28626 thru 42.58513 -74.28728, Force Account Labor and Equipment will be used to reset 287LF of corrugated guide railing TOTAL FOR WORK TO BE COMPLETED = \$11,055.50 TOTAL PROJECT COST INCLUDING \$3,836.00 DAC = \$169,390.38 SEE ATTACHED BACKUP PAGE FOR CALCULATIONS AND CONVERSIONS FROM U.S. STANDARD TO METRIC NOTE: Per CEF Part "A" Validation - Carver Construction, Inc. prices for the Project Worksheet appear to be reasonable.

1042DR4CN-12 Hauverville Road (R19) PA-02-NY-4020-PW-07046 PA-02-NY-4020-State-0115(114)
 Using Contract Service, the County completed the repairs described below. Contracts included work performed under Emergency Permits as well as work completed after the period for eligible emergency work (See Back-Up for Permits and Agreement). Damaged areas of the roadway were restored to pre-disaster condition with the exception of mitigation which was completed as part of repairs. (See Attached Mitigation proposal) All work under this PW is 100% complete. A CEF was prepared to (a) validate the contract costs for the repair work completed, and (b) to break out and quantify the proposed Hazard Mitigation costs (See attached Hazard Mitigation Proposals for additional costs). The Cost of repairs was determined to be reasonable and appropriate. The repairs were completed by Contract Services. (Note: Certain Sites, including work remaining to be completed, were deleted either to be covered under separate PWs, or because of duplication. This was done with the agreement of the Applicant) Work performed under this PW also included proposed 406 Hazard Mitigation completed as part of repairs. The mitigation work included the replacement of 2 damaged arch culverts with a box culvert as part of emergency repairs (See attached mitigation proposal). The completed work also included the placement of rip-rap on bridge embankments upstream and downstream for 200 feet at Sites 13, 20 and 24. The Applicant could not confirm that this rip-rap was in place prior to the event and claimed that such repairs are in keeping with a County policy to provide such embankment protection. The scope of work and cost of these repairs are included in a second Hazard Mitigation proposal (See attached). The repairs completed at each site are described below. In addition to the items described below, the work included: sediment and erosion control (silt curtains and hay bales); road barricades, warning lights, construction signs and other traffic control devices; and lodging costs for workers. Site 1 (GPS: 42.51383, -74.24747) - Replaced 50 CY of rip rap at the inlet and outlet of the 24-in CMP culvert. Site 2 (GPS: 42.51289/-74.24940) - Replaced 50 ft x 12 ft x 2 ft (44.4 CY) of rip rap at inlet of 24-inch CMP culvert. Site 3 (GPS: 42.51172, -74.25086) - Replaced rip rap in roadside swale 175 ft x 5 ft x 18-in (148.6 CY). Site 4 (GPS: 42.51032, -74.25252) - Replaced lost rip rap in roadside ditch and culvert: 40 ft x 10 ft x 3 ft (44.4 CY) and 185 ft x 8 ft x 2 ft (109.6 CY) Site 6 (GPS: 42.50896, -74.25395) - Replaced rip rap 50-ft x 12 ft x 3 ft (66.7 CY) on east side of road and 191 ft x 8 ft x 2 ft (113.2 CY) in roadside ditch. Site 7 (GPS: 42.50757, -74.25567) - Replaced rip rap on east side of road 185 ft x 10 ft x 2 ft (137 CY), 670 ft x 8 ft x 2 ft (397 CY) on east side of road, 430 ft x 8 ft x 2 ft (260.1 CY) on west side of road and 450 ft x 40 ft x 20 ft 13,333.3 CY) of fill between road and creek was replaced. Rip rap along wall of east side of creek 480 ft x 20 ft x 4 ft. (422.2 CY) was replaced. Site 8 (GPS: 42.50500, -74.25632) - Replaced 410 ft x 8 ft x 5 ft (607.4 CY) rip rap wall. Replace 250 ft x 24 x 10 ft (2227.2 CY) deep fill between stream and road on west side. Replace 627 ft x 10 ft x 2 ft (464.4 CY) rip rap swale. Site 9 (GPS: 42.50353, -74.25738) - Replaced rip rap 610 ft x 10 ft x 2 ft (451.9 CY) east side of road ditch. Replace 150 ft x 25 ft x 5 ft (694.4 CY) of road fill. Replace rip rap wall 150 ft x 6 ft x 5 ft (166.7 CY). Site 10 (GPS: 42.50066, -74.25852) - Replaced rip rap 426 ft x 5 ft x 1 ft (78.9 CY) ditch on east side of street, 400 ft x 40 ft x 8 ft (474.1 CY) fill was replaced. Replace rip rap wall 400 ft x 8 ft x 4 ft (4,740.7 CY). Replaced 3 HDPE culverts: 36 in x 55 ft, 18 in x 40 ft and 18 in x 70 ft. Site 11 (GPS: 42.49562, -74.26186) - Replaced Rip rap 135 ft x 4 ft x 2 ft (40 CY). Site 13 (GPS: 42.49402, -74.26316) - Bridge #62 (NYDOT 3354780). Debris was removed off of bridge. Repaired washed out sections of bridge approaches with flowable grout. North hole 3 1/2 ft x 2 ft x 4 ft, South hole 3 ft x 2 1/2 feet x 2 ft dp. Applicant replaced rip rap upstream and downstream as follows: SW 200 ft x 12 ft x 4 ft (355.6 CY), NW 200 ft x 20 ft x 4 ft (592.6 CY), NE 200 ft x 10 ft x 5 ft (370.4 CY), and SE 200 ft x 10 ft x 5 ft (370.4 CY). The extent of rip rap lost as a result of the event could not be verified as the Applicant claims repairs were completed in accordance with a County DPW policy requiring embankment protection for a distance of 200 ft upstream and downstream of County maintained bridges. Such repairs may not have been to pre-disaster condition. A Mitigation Proposal was prepared to estimate these costs and deduct them from the Total Project Cost. Site 16 (GPS: 42.494014, -74.26333 to 42.51092, -74.2278) - The Applicant cleared woody debris from stream and roadway embankments as needed for 3.2 miles, debris left next to stream. This work was incidental to the repairs included in this PW. Site 17 (GPS: 42.51175, -74.23478) - Replaced rip rap on the bank on west side, 130 ft x 20 ft x 4 ft (385.2 CY) and rip rap in swale 300 ft x 5 ft x 1 ft (55.6 CY). Site 18 (GPS: 42.51354, -74.24004) - Replaced rip rap on bank (west side) 100 ft x 8 ft x 3 ft (88.9 CY) Site 19 (GPS: 42.51422, -74.24628) - Replaced rip rap on bank 500 ft x 20 ft x 5 ft (1,851.9 CY). Site 20 (GPS: 42.51412, -74.24489) - Placed rip-rap at bridge embankments - upstream NE 175 ft x 12 ft x 3 ft, (233.3 CY), NW 175 ft x 20 ft x 3 ft. (388.9 CY), downstream SE 200 ft x 16 x 5 ft, (592.6 CY); SW 75 ft x 20 ft x 3 ft (166.7). The Extent of rip rap lost as a result of the event could not be verified as the Applicant claims repairs were completed in accordance with a County DPW policy requiring embankment protection for a distance of 200 ft upstream and downstream of County maintained bridges. Such repairs may not have been to pre-disaster condition. A Mitigation Proposal was prepared to estimate these costs and deduct them from the Total Project Cost. Site 21 (GPS: 42.51323, -74.24880) - Replaced lost rip rap on road embankment 225 ft x 20 ft x 5 ft (833.3 CY). Site 22 (GPS: 42.51174, -74.25086) - Replaced rip rap on road embankment 200 ft x 10 ft x 20 ft (1,481.1 CY) of embankment replaced.

Replace rip rap on NW side of road along creek 200 ft x 20 ft x 10 ft. (1,481.1 CY). Site 23 (GPS: 42.50978, -74.25326) - Bridge number 3 (NYDOT 3354810) - Bridge consisting of two (2) 103-in x 71-in squash pipes was replaced with a 17 ft x 40 ft long x 8 ft high box culvert bridge (back to original pre 1993 design). Replacement was not in kind because of availability of materials, emergency need to restore stream flow and road passage, and good engineering practices. This temporary replacement (back to the pre 1993 design) has become a permanent fix as to effectiveness, problems with flow since 1993, cost to remove and replace in kind exceeds cost and good engineering practices and a requirement of 2 t material inside of tube per DEC regulations. Per Jim Eldred, DEC permit issuer. This has been included as Mitigation (See Attached Mitigation Proposal). The Total Cost for mitigation is less costly than the estimated replacement in-kind. Site 24 (GPS: 42.49812, -74.25966) - Rip rap replaced both sides of bridge, upstream and downstream. SW 100 ft x 12 ft x 3 ft (133.3 CY), SE 200 ft x 25 x 5 ft (925.9 CY), NE 200 ft x 25 ft x 5 ft (925.9 CY), and NW 200 ft x 40 ft x 5 ft (1,481.5 CY) rip rap replaced. The extent of rip rap lost as a result of the event could not be verified as the Applicant claims repairs were completed in accordance with a County DPW policy requiring embankment protection for a distance of 200 ft upstream and downstream of County maintained bridges. Such repair may not have been to pre-disaster condition. A Mitigation Proposal was prepared to estimate these costs and deducted from the Total Project Cost. Site 26 (GPS: 42.51090, -74.22782 - Bridge #22 - DOTNY 3354850) - Rip rap wing wall on bridge water approaches, NW Rip Rap 30 ft x 8 ft x 5 (55.6 CY), NE side was repaired. 50 ft x 10 ft x 3 ft (55.6 CY), SE side 50 ft x 20 ft x 5 ft (185.2 CY), and SW side 40 ft x 20 ft x 5 (48.1 CY) wing wall rip rap was also replaced. Replaced rip rap 316 ft x 5 ft x 1 ft-average (58.5 CY) in ditch on the north side of the road. Site 27 (GPS: 42.51020, -74.22984) - Replaced rip rap on road embankment near creek 172 ft x 12 ft x 5 ft (382.2 CY). Replace rip rap at nearby ditch (GPS: 42.51202/-74.23583) - 293 ft x 4 ft x 1 ft (43.4 CY). Site 28 (GPS: 42.51069, -74.23200 - Bridge #23 - DOTNY 3354840) - Replaced lost rip rap on bridge abutments: NE 70 ft x 8 ft x 5 ft (103.7 CY), NW 70 ft x 8 ft x 5 ft rip rap (103.7 CY), SE 50 ft x 12 ft x 3 ft (66.7 CY) rip rap washed away, SW 40 ft x 8 ft x 5 ft (59.3 CY). At nearby ditch (GPS: 42.51132/-74.23349) replace lost rip rap 251 ft x 4 ft x 1 ft (37.6 CY).

1042DR4CO-12 Bear Ladder Road PA-02-NY-4020-PW-07198 PA-02-NY-4020-State-0115(114)

Culverts, Earthwork, Ledgerrock and Binder Course Paving See Continuation Sheets 3-6

Work Complete 3in Binder Pav't 7.1 42.49184-74.43734 1562ft 22ft 7.2 42.49555 -74.42943 461ft 7.3 42.49995 -74.42897 2073ft 7.4 42.50144 -74.42872 490ft 7.5 42.50402 -74.42776 723ft 7.6 42.50647 -74.42662 867ft 7.7 42.51402 -74.42434 953ft 7.8 42.51700 -74.42226 806ft 7.9 42.51946 -74.42058 198ft 7.10 42.52278 -74.41908 3196ft 7.11 42.53188 -74.42160 1843ft 7.12 42.53809 -74.42397 764ft Site 1: N 42.47646 W -74.44346 Replaced Culvert 60ft x 24in HVPE with galv flared end pans each end and backfilled with 60ft x 5ft x 1.5ft crusher run Site 2: N 42.47849 W -74.44446 Cliff Ledge Rock 733ft x 50ft x 1ft avg removed loosened rock Site 3: N 42.48295 W -74.44564 Cliff Ledge Rock 305ft x 50ft x 1ft avg removed loosened rock Site 5: N 42.48806 W -74.44342 Replaced Culvert 40ft x 18in HVPE and backfilled with 40ft x 8ft 3.5ft crusher run Site 6: N 42.4878 W -74.44197 1. Replaced Culvert 30ft x 12in HDPE and backfilled with 30ft 3ft x 1 ft crusher run N 42.49015 W -74.44151 2. Replaced Culvert 40ft x 6ft cmp and 40ft x 20ft x 6ft av depth crusher run 3. Replaced 60ft x 10ft x 4ft each side (2) upstream large rip rap and 200ft x [8ft bank + 12ft bed + 8ft bank] x 4ft deep channel downstream Site 8: 42.49223 -74.43617 Cleaned downstream end of 24in x 40ft culvert, reset native stone headwall 6ft x 3ft x 1ft and re-established swale 20ft x 10ft Site 9: N 42.49234 W -74.43587 Reset and cleaned Culvert Boiler Plate 20ft x 6ft. Site 11: N 42.50763 W -74.42680 Replaced Culvert 60ft x 24in HDPE with Galv flared end and backfilled 40ft x 8ft x 4 ft crusher run. Site 12: N 42.50795 W -74.42690 @ Culvert Concrete 40ft x 5ft dia(not damaged) 1. Replaced Road upgrade 58ft x 32ft x 4ft crusher run washed out 2. Stream cleaning 200ft x 20ft Site 13: N 42.51505 W 74.42392 Backfilled 35ft x 10ft x 6ft avg with crusher run Guide Rail, Earthwork, Culvert and Top Course Paving See Continuation Sheets 3-6 Note: The applicant will be incurring Disaster Admin Costs, eligible costs will be reconciled at closeout Site 4: N 42.48395 W -74.44592 Guide Rail W beam (ribbon style) 588ft - remove and reset Site 6: N 42.48978 W -74.44197 1. 80ft each side (2) box beam guide rail = 160ft Site 8: N 42.49223 W -74.43617 20ft x 10ft 3ft rip rap down stream and native stone headwall 6ft x 2ft x 4ft Site 9: N 42.49234 W -74.43587 Reset upstream stone headwall 20ft x 10ft x 2ft and 35ft x 20ft rip rap downstream and 200ft W-beam guide rail Site 10: N 42.49307 W -74.43386 Guide Rail W-beam 717ft total. Remove and reset Southern 462ft that had settled and misaligned Site 12: N 42.50795 W -74.42690 @ Culvert Concrete 40ft x 5ft dia(not damaged) 1. Downstream embankment 12ft x 14ft x 5ft and 12ft x 14ft x 5ft coarse rip rap 2. W-beam guide rail 77ft east side and 60ft west side reset and align Site 13: N 42.51505 W 74.42392 Reline Culvert 40ft x 18in CMP

1042DR4CP-12 Sellick Road at King Creek PA-02-NY-4020-PW-09034 PA-02-NY-4020-State-0117(115)

In order to restore the facility to its pre-disaster design, function, and capacity, the Applicant has utilized force account labor, equipment, and materials to perform the following work:

1. Replace 37 CY of riprap on the Southwest embankment @ \$58.33/CY = \$2,158.21
2. Replace 17 CY of stackable stone on the Southwest embankment @ \$75.88/CY = \$1,289.96
3. Replace 23 CY of riprap on the Southeast embankment @ \$58.33/CY = \$1,341.59
4. Replace 14 CY of stackable stone on the Southeast embankment @ \$75.88/CY = \$1,062.32
5. Replace 106 CY of riprap on the Northwest drainage ditch @ \$58.33/CY = \$6,182.98

1042DR4CQ-12 Sellick Road at King Creek PA-02-NY-4020-PW-09039 PA-02-NY-4020-State-0117(115)

The applicant chose to perform the following work utilizing 317 hours of force account labor, 198 hours of force account equipment, 20 ft of 15 inch diameter plastic culvert pipe, 270.29 tons of type F stone, 51.3 tons of crusher run stone, and 178.54 tons of light stone fill material. Copies of invoices for costs of stone materials and an invoice for culvert pipe for reference are attached for back up along with the County's purchasing requirements. Copies of work logs for force account labor, and force account equipment are also attached. Work for repairing the damage elements to pre-disaster condition will consist of the following: The Schoharie County Highway Department accomplished the following repairs to Stone Store Road (County Road 19). Repairs are referenced on a County and an aerial map, and GPS readings were logged at the repair site. Photos were taken at the site and are attached. The road was being maintained in above average condition with well developed and maintained ditches. The Project Specialist has reviewed the roads captured in this sub-grant application and were found not to be federal aid roads, and recommends all items of work within this project as eligible. The following work consists of completed work with actual costs attached. At GPS Lat 42.48775 / Long. -74.28667, a 20 ft x 15 inch diameter driveway culvert as replaced, and an area measuring 21 ft x 14 ft W x 2 ft D/27 = 21.8 CY headwall of Type F and light stone was replaced. The adjacent drainage ditch and shoulder was repaired, using 84 ft L x 8 ft W x .25 ft D/27 = 6.2 CY of crusher run and light stone fill. The drainage ditch and shoulder was repaired on one side, using type F and light stone for 613 ft L x 8 ft W x .25 ft D/27 = 45.4 CY, with repairs ending at GPS Lat. 42.48792 / Long. -74.28926. Intermittent scouring

continued on one side to GPS Lat. 42.48758 / Long. -74.31506, where shoulders and drainage ditch repairs on both sides of Stone Store Road were performed, and an area of 1,425 ft S x 8 ft W x .25 ft D/27 = 105.6 CY, of crusher run, type F, and light stone lining was replaced, ending at GPS Lat. 42.48565 / Long. -74.31948. Total of stone materials utilized was 500.13 Tons.

PROJECT SUMMARY

FORCE ACCOUNT LABOR 317 HOURS = \$8,580.44

FORCE ACCOUNT EQUIPMENT 198 HOURS = \$12,713.00

FORCE ACCOUNT MATERIAL (15' DIA PIPE, TYPE F, CRUSHER RUN, AND LIGHT STONE FILL, 500.13 Tons Total) = \$3,803.53

DIRECT ADMINISTRATIVE COST = \$2,260.50

PROJECT TOTAL = \$27,357.47

1042DR4CR-12 CR-17, Keyserkill Road PA-02-NY-4020-PW-08488 PA-02-NY-4020-State-0117(115)

The Applicant will replace the concrete lamination (shotcrete) in the bottom of the 6ft X 60ft CMP culvert, 60ft X 6ft X 167ft = 60.1CF /27 = 2.2CY of concrete. The work, to be completed via contract services, will include de-watering the work area, removing and restoring all failing shotcrete, installing reinforcement rod and wire mesh and reapplying the concrete lamination (shotcrete) bottom. Work will also include filling voids at the culvert inlet to prevent water penetration. All work will be done as per the Shotcrete Contract with Schoharie County. An estimated 165 bags of shotcrete will be applied at a rate of \$225.00/bag for a cost of \$37,125.00.

WORK COMPLETED: The scouring of the road and shoulder has been repaired but the Applicant has been unable to provide documentation as to who completed the work or any costs related to it; therefore, this project has been estimated based on the 6/15/12 Site Visit and using NYSDOT Weighted Average Price Item Report. The roadway was reported to have been washed out, 25ft X 6ft X 6ft = 900CF/27 = 33.3CY and the shoulder, 15ft X 6ft X 6ft = 540CF/27 = 20CY. The Applicant replaced the concrete lamination in the bottom of the 6ft X 60ft CMP culvert, 60ft X 6ft X .167ft = 60.CF/27 = 2.2CY of concrete.

1042DR4CS-12 SummitStreet PA-02-NY-020-PW-07900 PA-02-NY-4020-State-017(115)

The applicant reports that they have an agreement with the surrounding communities that the County will provide maintenance and repair for the roads and bridges. Additionally, a part of this agreement stipulates that the County's area of responsibility extends 400 FT upstream and downstream of bridges. The significant flooding in the Village of Schoharie where the County records reside, damaged all the County's records so a copy of this agreement is not currently available. Copies have not been available from the various communities for the same reason. The County's records, that were salvaged, are currently being stored and, if the agreement is part of those records, a copy will be provided. The County has been asked by FEM Project Specialists to re-enact the agreement should the damaged copy not be recoverable and have it available at close out. The Applicant chose to enter a time and material contract with Town & County Bridge and Rail based on a unit price proposal to the county in 2010. This bid process was to arrange contracts for bridge and road work on an as needed basis. Copy of the proposal is attached. A copy of the contract with Town & County was not available at the time this Sub grant Application (SA) was prepared. The Applicant was informed that a copy of the contract and all back up must be available at close out. The process followed the County's procurement policy (copy of policy attached). The final price from Town & County was \$65,813.50 and has been validated (copy attached). Inspections and design were provided by Spectra Engineering (contract attached) for \$5,751.68. Work Complete: 1. Remove loose materials under the undermined footing to sound materials and underpin the footings with concrete 80FT L x 3FT W x 3FT D (80 x 3 x 3/27 = 26.6CY) total, 40FT on each side of the stream bed.

1042DR4CU-12 Schoonmaker Road Bridge PA-02-NY-4020-PW-08417 PA-02-NY-4020-State-0117(115)

FEMA project specialist visited the site and has developed a scope of work and cost estimate to restore/repair the bridge to its original design, function, and capacity. Since the bridge sustained minimal structural damage and most of the damages are scouring and washout, the Applicant intended to repair the bridge to pre-disaster condition in accordance with NYSDOT Codes and Standards. Bridge repair cost is estimated by FEMA project specialist utilizing NYSDOT weighted average item price report, which is derived from historic contracted items. WORK TO BE COMPLETED: In order to restore/repair the bridge to its original design, function, and capacity, generally, the Applicant will have to remove and dispose of debris on bridge and project site, clearing and grubbing, perform unclassified excavation and disposal of soil, built embankment in place, restore damaged wingwalls and curbinwalls, repair bridge both approaches, guide rail, deck waterproofing membrane and asphalt pavement. Bridge repair should be in accordance with NYSDOT codes and standards. Below is a summary of the work to be performed: 1. Clearing and grubbing of approx. 800 SY of the project site. 2. Removal and disposal of debris and large trees from bridge and project site. 3. Removal of 34CY of superstructure (NW and NE wingwalls and curbinwalls). 4. Placement of 34 CY of concrete for superstructure. (NW and NE wingwalls and curbinwalls) 5. Unclassified excavation and disposal of 68 CY of soil at the outeast and southwest stream banks and the northern approach. 6. Placement of 96 CY of embankment in place behind northern abutments and wingwalls and for the southern approaches. 7. Structure excavation of 88 CY of loose soil for behind NE and NW abutments/wingwalls; 8. Placement of 88 CY of select structural fill behind NE and NW abutments/wingwalls. 9. Placement of 181 CY of subbase material for the northern and southern approaches. 10. Cold milling of 245 SY of asphalt pavement on bridge deck and southern approach. 11. Placement of 05 Ton of asphalt binder course on northern and southern approaches. 12. Placement of 53 Ton of asphalt top course on northern and southern approaches. 13. Placement of 1425 SF of waterproofing membrane along the bridge deck and extended 2 ft passed the northern and southern deck edges. 14. Removing and storing 168 LF of bridge railing. 15. Installation of 72 LF of steel bridge railing (2-rail) on western side of the bridge. 16. Installation of 96 LF of transition bridge railing on each side of the northern approach and southwest corner. 17. Resetting 32 LF transition bridge railing on southeast corner. 18. Installation of 95 LF of box beam guide railing (shop curved). 19. Resetting 27 LF of box beam guide railing on at the south east approach. 20. Installing two (2) box beam end pieces on northern approach. 21. Resetting one (1) box beam end assembly on southern approach. 22. Removing and storing 136 LF of existing damaged box beam guide railing. 23. Install 99 LF of box beam guide railing at the NE and NW approaches. 24. Installation of 81 LF of white paint reflectorized pavement striping (20 mil). 25. Installation of 470 LF yellow paint reflectorized pavement striping (20 mil). 26. Installation of ground mounted horizontal control sign panels (12 SF) 27. Installation of 4 posts (Type A) with embedment for the horizontal control signs. 28. Installation of two (2) type EL bearings (112 - 168 kips) 28. Structural concrete removal (1.0 CY) 29. Removal and storing 40 LF of precast concrete barrier. 30. Construction of 500 FT of temporary silt fence around the work areas to minimize sediments migrations into the stream. 31. Installation of 400 LF of turbidity curtains. The Applicant is planning on mitigating the new bridge by placing geotextile and riprap (heavy stone fill) material along the northeast and northwest stream banks and wingwalls. A HMP has been prepared to show the additional cost for this mitigation measure and is attached to this Project Worksheet (PW). NOTE: Riprap material was already placed along the bridge southeast and southwest stream banks by the



U.S Army Corp. of Engineers (US ACE), in order to stabilize the side slopes/embankment of State Route 443 located adjacent to the bridge on the Southside. The Applicant plans on using contractor services to repair the bridge and have followed their standard procurement process. A total of 10 bids were obtained from several contractors. The bids amount varies from \$218,200.00 (low bid) to \$291,378.32 (high bid). Bid analysis/evaluation was performed by the Applicant's Consultants (Spectra Engineering, Architecture & Surveying) and a recommendation was provided to award the contract to the lowest responsible bidder (New Century Construction) in the amount of \$218,200.00. See attached bids, bid analysis and recommendation. Cost for work items to be completed was prepared by the Project Specialist to validate contractor's procured awarded construction contract/bid as stated above. Based on the attached cost analysis/validation, the procured awarded construction contract/bid found to be reasonable and the scope of work is eligible (44 CFR Part 13), therefore, the attached awarded contractor contract/bid value was used in Part A of the CEF and the final value (after applying eligible factors) was used in the front page of this PW.

1042DR4CV-12 Bush Rd. over Trib. To Manor Kill Creek PA-02-NY-4020-PW-06706 PA-02-NY-4020-State-0117(115)
Work needed to restore the bridge to the pre-disaster design, function and capacity will include excavation, demolition and replacement of the entire bridge. Due to the degradation of the creek's bed by a 5' drop in elevation, the abutments and wing walls will need to be built to accommodate the current existing conditions while maintaining the original elevation of the bridge deck and approach roadway. The construction of two new 20 FT long x 18 FT tall x 3 FT thick, reinforced concrete, gravity type abutments with "U" walls and integral wing walls on spread type footings, a new, simply supported, 41 FT x 24 FT wide, single span, multi girder superstructure with 5 new, 41 FT long, Steel, B28 x 104 rolled I beams and a new 41 FT x 24 FT x 6 IN thick "Glue - Lam" timber deck with a 2" asphalt wearing surface. Also, two new 41 FT long timber bridge rails. Backfill the excavated areas around the abutments and rework the approaches as necessary. Install new 8 FT x 10 FT large stacked stones in front of both wingwalls and the embankments at all four corners.

1042DR4CW-12 West Fulton Road PA-02-NY-4020-PW-08097 PA-02-NY-4020-State-0117(115)
The applicant reports that they have an agreement with the surrounding communities that the County will provide maintenance and repair for their roads. The significant flooding in the Village of Schoharie (approximately 8 to 10 FT) where the County records reside, damaged all the County's records so a copy of this agreement is not currently available. The County was asked by FEMA Project Specialists to re-enact the agreement should the damaged copy not be recoverable and have the document available at close out. The applicant chose to perform the time sensitive road repairs under a time & materials contract with their contractor, Bast Hatfield Construction, Inc. (\$191,781.00). Copy of the invoice is provided as part of the back up along with the County's purchasing requirements. The contract work was to restore the road as soon as possible to allow access for emergency vehicles and for local residents to their homes. Contract costs were validated based on RS Means, 1st Quarter 2012, Albany, New York. WORK COMPLETED Section One: GPS Lat. 42.59322 / Long. -74.46639. Roadway embankment, shoulder, and roadside drainage ditch damage measuring 400 ft long x 10 ft wide x 6 ft deep. Work to return the damages to pre-disaster condition consisted of the following: * Replacing and compacting the structural fill of the embankment (400 x 10 x 5/27 = 740.7 CY). * Replacing crusher run stone to rebuild the roadway shoulder (400 x 10 x 1/27 = 48.1 CY). * Reshaping the roadside drainage ditch for a distance measuring 400 LF. Section Two: GPS Lat. 42.62588 / Long. -74.4698. Culvert, rip-rap, embankment, and roadside drainage ditch, washout damages measuring 140 ft long x 8 ft wide x 5 ft deep. Work to return the damages to pre-disaster condition consisted of the following: * Removal and replacement of the damaged 72 inch CMP and 12, 18, and 24 inch HDPE culverts included the following: Demolition of the 4 damaged culverts Excavating the trench to place the 72 inch diameter culvert for an area of 44 ft x 10 ft x 8 ft. (44 x 10 x 8/27 = 130.4 CY). Excavating the trench to place the 12 inch diameter culvert for an area of 44 ft x 5 ft x 3 ft. (44 x 5 x 3/27 = 24.4 CY). Excavating the trench to place the 18 inch diameter culvert for an area of 44 ft x 6 ft x 4 ft. (44 x 6 x 4/27 = 39.1 CY). Excavating the trench to place the 24 inch diameter culvert for an area of 44 ft x 6 ft x 4 ft. (44 x 6 x 4/27 = 39.1 CY). * Filling and compacting trenches with a combination of utility bedding and select granular fill. * Replacing and compacting the structural fill of the embankment (140 x 8 x 2/27 = 83 CY). * Replacing lost rip-rap (140 x 8 x 2/27 = 83 CY). * Replacing crusher run stone to rebuild the roadway shoulder (140 x 8 x 1/27 = 41.5 CY). * Reshaping the roadside drainage ditch for a distance measuring 140 LF. The work performed by the applicant's contractor was repairing the washed out areas and adding stacked stone as hazard mitigation measures to prevent damages in a similar event. This hazard mitigation and its cost must be backed out of the eligible cost for repair then included in an attached hazard mitigation proposal. Contract cost of \$191,781.00 with HMP amount (\$89,995.25) backed out = \$101,785.75. The cost of the stacked stone is \$71.00 per SF = \$108,034.51 (RS Means CSI #32 32 6010 0500 [Including CEF Factors]). The cost of structural fill material is \$33.00 per CY = \$12,574.01 (RS Means CSI #31 23 2313 0015 [Including CEF Factors]). The cost of compaction for fill is \$22.50 per CY = \$5,465.25 (RS Means CSI #31 23 2313 0300 [Including CEF Factors]). Therefore, the contract amount of \$191,781.00 is validated as reasonable, as the CEF estimate, including hazard mitigation (\$213,037.00, [See attached CEF]), is more than the actual contract cost.

1042DR4CX-12 West Fulton Road PA-02-NY-4020-PW-06879 PA-02-NY-4020-State-0117(115)
The applicant reports that they have an agreement with the surrounding communities that the County will provide maintenance and repair for their roads. The significant flooding in the Village of Schoharie (approximately 8 to 10 FT) where the County records reside, damaged all the County's records so a copy of this agreement is not currently available. The County was asked by FEMA Project Specialists to re-enact the agreement should the damaged copy not be recoverable and have the document available at close out. The applicant chose to perform the time sensitive road repairs under a time & materials contract with their contractor, Bast Hatfield Construction, Inc. (\$191,781.00). Copy of the invoice is provided as part of the back up along with the County's purchasing requirements. The contract work was to restore the road as soon as possible to allow access for emergency vehicles and for local residents to their homes. Contract costs were validated based on RS Means, 1st Quarter 2012, Albany New York. WORK COMPLETED: No physical work associated with the replacement of the damaged bridge has been completed at this time. To date, a total of \$3,151.00 hours of Direct Administrative Cost have been incurred. The final Direct Administrative Costs will be reconciled at closeout of the completed construction. Work needed to restore the bridge to the pre-disaster design, function and capacity will include; Excavation, demolition and removal of the West abutment and footing. The construction of two new 31 FT long x 10 FT x 3 FT thick, reinforced concrete, gravity type abutments and integral wingwalls on spread type footings, a new, simply supported, 41 FT x 23 FT wide, single span, "Jac Arch" superstructure with 7 new, 4 FT long, Steel, W26 x 81 I beams, encased in concrete and a new 41 FT x 23 FT x 9 IN thick, reinforced concrete bridge deck, to be poured with the Superstructure and new 41 FT long tube type bridge rails on both sides. Backfill the excavated areas around the abutments and rework the

approaches as necessary "NOTE: A preliminary engineering report has been prepared and suggests three options for the replacement bridge. 1). In kind. 2). In Kind with pile supported foundations. 3) A new 71 FT long bridge with pile supported foundations, a voided concrete slab superstructure and a new horizontal alignment. - Recommended. A review of NYSDOT Highway Functional Classification Inventory identifies this road as a Functional Classification of 9, making it eligible for FEMA funding assistance. Attachment #1, CEF for options 1, 2 and 3 with the NYSDOT Preliminary Cost Estimate Worksheets. Attachment 2, Engineering analysis of damage with methodology with a Post flood inspection report dated December 2011 and a NYSDOT Biennial Bridge Inspection Report dated April 2011. In reviewing the three options provided by the consultant, the following should be considered; Option 1 (In Kind) would allow the bridge to remain vulnerable to possible future scour problems since the substructure will be founded on rock and the channel width remains constricted by approximately 30 FT forcing the creek flow to impact both abutments. Option 2 (Similar design on piles) would provide a positive scour countermeasure by placing the substructure on a pile supported foundation, however, it does not address the increased channel width. Armoring the channel embankment could be a solution but not the most feasible. Option 3 (Longer and on piles) would provide the greatest cost effective solution for the proposed replacement. Since Option 3 would allow for a longer span to meet current field conditions and the substructure would be founded on piles, scour issues are reduced and channel constriction will no longer be a problem. Upon final acceptance of the options provided, the applicant must be sure to advise the State of any changes to the eligible scope of work identified in this PW which is to replace in kind.

1042DR4CY-12 Scoltes Road Bridge PA-02-NY-4020-PW-08071 PA-02-NY-4020-State-0117(115)

FEMA project specialist visited the site and has developed a scope of work and cost estimate to restore/repair the bridge to its original design, function, and capacity. Since the bridge sustained minimal structural damage and most of the damages are scouring and washout, the Applicant intended to repair the bridge to pre-disaster condition in accordance with NYSDOT Codes and Standards. Bridge repair cost is estimated by FEMA project specialist utilizing NYSDOT weighted average item price report, which is derived from historic contracted items. In order to restore/repair the bridge to its original design, function, and capacity, generally, the Applicant will have to remove and dispose of debris on bridge and project site, clearing and grubbing, perform unclassified excavation and disposal of soil, built embankment in place, restore damaged wingwalls and curtainwalls, repair bridge both approaches, guide rail, deck waterproofing membrane and asphalt pavement. WORK TO BE COMPLETED: Bridge repair should be in accordance with NYSDOT codes and standards. Below is a summary of the work to be performed: 1. Clearing and grubbing of approx. 500 S of the project site. 2. Removal and disposal of debris on bridge and project site 3. Removal of 19 CY of superstructure (NW and NE wingwalls, curtainwall, north footing). 4. Placement of 19 CY of concrete for superstructure. (NW and NE wingwalls, curtainwalls and north footings) 5. Unclassified excavation and disposal of 398 CY of soil at the southeast and southwest stream banks and the northern approach. 6. Placement of 1545 CY of embankment in place behind abutments, wingwalls, for the northern and southern approaches, fill in the scour holes at NE end of the bridge and for the scoured and washed away area along the northwest stream bank. 7. Placement of 72 CY of select structural fill behind north abutment/wingwall and footing. 8. Structure excavation of 54 CY of soil for behind NE and NW wingwalls; 9. Placement of 176 CY of subbase material for the northern and southern approaches. 10. Placement of 97 Ton of asphalt binder course on northern and southern approaches. 11. Placement of 49 Ton of asphalt top course on northern and southern approaches. 12. Cold milling of 300 SY of asphalt pavement on bridge deck and southern approach. 13. Placement of 1425 Sf of waterproofing membrane along the bridge deck and extended 2 ft passed the northern and southern deck edges. 14. Installation of 64 ft of transition bridge railing on both sides of the northern approach. 15. Installation of 52 ft of box beam guide railing (shop curved) on both sides of the northern approach. 16. Removal and resetting 60 ft of box beam guide railing at the southeast approach. 17. Removing and disposing two damaged guiderail end assemblies on the northern approach. 18. Installation of two guiderail end assemblies on the northern approach. 19. Installation of 636 lf of pavement yellow paint reflectorized striping. 20. Installation of 12 SF of black and yellow horizontal control signs. 21. Installation of 4 posts (Type A) with embedment for the black and yellow horizontal control signs 22. Construction of 300 ft of temporary silt fence around the work areas to minimize sediments migrations into the stream. The Applicant is planning on mitigating the new bridge by placing riprap (heavy stone fill) material along the southeast and southwest stream banks and wingwall and along the northeast and northwest stream banks. A HMP has been prepared to show the additional cost for this mitigation measure and is attached to this Project Worksheet (PW). The original bridge was last inspected by NYSDOT on May 5, 2011 with no flagging, see attached inspection report. The bridge computed conditions rating was 5.707 and the general recommendation rating was 6.1042DR4CZ-12 Hauverville Road (R19A) Bridge A-02-NY-4020-PW-08284 PA-02-NY-4020-State-011(115)

Schoharie County policy is to adopt the latest NY State DOT Codes and Standards for all bridge replacements. The current NYDOT design standards do not include timber construction for a bridge of this size. The applicant's proposed design for the bridge replacement meets current NYDOT Codes and Standards and is based on using pre-stressed hollow concrete box beams as the primary structural members for the bridge superstructure. The design drawings by Spectra Engineering, Architecture & Surveying entitled "Reconstruction Drawings for county Road 19A over Lake Creek, B.I.N. 3354830, Town of Broome, Schoharie County, NY" (28 sheets) dated 04/2/12 are attached. See the following DDSOW CONTINUATION sheets for detailed SOW. CEF Cost Estimate is attached for this design/SOW: Total: \$423,715. A 2nd CEF is attached to document the cost for replacement of the timber bridge and west concrete abutment "in-kind" - Total: \$269,815 IN-KIND

REPLACEMENT: - Replace 30-ft long x 25-ft wide timber bridge and wood railings, including: > Glulam beams, 10-inch wide x 12-inch high x 30-ft long (24 ea) > 8-inch x 8-inch x 4-ft long wood posts for guard rail, 12 ea > 4-inch x 12-inch x 30-ft long boards for guard rail, 2 ea > 4-inch x 12-inch x 30-ft long boards for guard rail with drainage cut-outs, 2 ea > 4-inch x 10-inch x 30-ft long boards, 2 ea > 4-inch x 6-inch x 30-ft long boards, 2 ea - Install 4 inches of hot mix asphalt pavement on deck of 30-ft long x 25-ft wide bridge. Pavement section to be 2.5 inches HMA binder course (83.3 SY) and 1.5 inches of HMA surface course (83.3 SY). - Install cast-in-place 37.5-ft long x 11-ft high x 2.5-ft thick (/27 = 38.2 CY) concrete bridge abutment on the west side of Lake Creek to support the new timber bridge. Install wing walls at each side of the west abutment: North (20-ft long x 11-ft high x 1.5-ft thick / 27 = 12.2 CY) and South (16.7-ft long x 11-ft high x 1.5-ft thick / 27 = 10.2 CY). Total concrete walls to be replaced: 38.2 CY + 12.2 CY + 10.2 CY = 60.6 CY. Costs for the work elements above were estimated using the NYDOT Preliminary Cost Estimate Worksheet (New and Replacement Bridges) as shown in the attached CEF Cost Estimate for "In-Kind" replacement. REPLACEMENT PER NYDOT CODES AND STANDARDS: Schoharie County policy is to adopt current NY State DOT Codes and Standards for all bridge replacements. The proposed scope of work for a bridge replacement to meet current Codes and Standards is as follows: - Construct 35.59-ft long x 27.375-ft wide pre-stressed concrete box beam bridge with steel bridge guide railing, including the following components: > Prestressed hollow concrete box

beams, 43-ft 1-5/8-inch long x 48-inch wide x 18-inch thick, 6 EA > Prestressed hollow concrete box beam, 43-ft 1-5/8-inch long x 36-inch wide x 18-inch thick, 1 EA > 1/2-inch diameter polystand, galvanized strand, or equal transverse tendons post-tensioned to 28k/strand, 3 EA > Steel box beam guide railing with 2 (upper & lower) 6-inch x 6-inch (x 3/16-inch thick tubes and W6x25 support post, 54 LF > Steel box beam end pieces, 3 EA - Install 2 inches of hot mix asphalt pavement on deck of 35.59-ft long x 27.375-ft wide bridge. Pavement section to be 2 inches of HMA surface course (108.3 SY) - Install cast-in-place 37.5-ft long x 11-ft high x 2.5-ft thick (/27 = 38.2 CY) concrete bridge abutment on the west side of Lake Creek to support the new concrete box beam bridge. Install wing walls: North (20-ft long x 11-ft high x 1.5-ft thick / 27 = 12.2 CY) and South (16.7-ft long x 11-ft high x 1.5-ft thick / 27 = 10.2 CY). To meet current Codes and Standards, provide cast-in-place footing 76-ft long x 9.5-ft wide x 2.5-ft thick (/27 = 66.9 CY). For footing support, drive 25 (EA 20-ft long, non-tipped, HP10x42 steel bearing piles, embedded 12 inches into the bottom of the concrete footing. Costs for the preceding work elements were estimated using the NYDOT Preliminary Cost Estimate Worksheet (New and Replacement Bridges) as shown in the attached CEF Cost Estimate for Codes and Standards (C&S) Replacement bridge. Note that the length (35.59 feet) of the bridge meeting current Codes and Standards is longer than the timber bridge that was destroyed, which was 30 feet long. The additional length is due to the applicant's plan to have the new bridge span the additional width of the creek which was created by the erosion from the storm event. Following are additional costs which are not included in the bridge construction costs covered by the Preliminary Cost Estimate Worksheet. The costs for these items were estimated using RS Means CostWorks 2012 as shown in the attached CEF. - Saw cut and remove the top of existing East Abutment and Wing Walls as follows: > East Abutment: 37.5 feet long x 2.5 feet thick; > Portion of South Wing Wall: 11 feet long x 1 foot thick; and > North Wing Wall: 7 feet long x 2 feet thick. - Place reinforced concrete cap on East Abutment and Wing Walls including a new bridge seat on the abutment that accommodates the new concrete box beams: > East Abutment: place 37-ft long x 3.5-ft wide x 2-ft tall (/27 = 9.6 CY) reinforced concrete bridge seat; > South Wing Wall: place 11-ft long x 1-ft wide x avg 3-ft tall (/27 = 1.2 CY) reinforced concrete cap; and > North Wing Wall: place 7-ft long x 2-ft wide x avg 3-ft tall (/27 = 1.6 CY) reinforced concrete cap. - Prior to placing the preceding reinforced concrete seat and caps, drill 2-inch diameter holes and grout in 55 #5 dowels with 12 inches of embedment. Materials, dimensions, and quantities for the pre-stressed concrete box beam replacement bridge (including abutments, wing walls and bridge guide rails) meeting current Codes and Standards are based on the design drawings entitled "Reconstruction Drawings for County Road 19A over Lake Creek, B.I.N. 3354830, Town of Broome, Schoharie's County, NY" dated 04/24/12 (28 sheets) provided to the applicant by Spectra Engineering, Architecture, Surveying. - Dismantling and storing existing temporary bridge. After the SA was signed by the applicant, bids were received. The successful bidder was J.H. Malloy, Inc. for \$432,000. The Project Specialist's estimate for the replacement was compared the NYSDOT replacement cost of \$423,75 less Applicant's management costs of \$89,793 = \$333,922. The percentage difference is (\$432,000 - \$333,922)/\$333,922 = 29% Since this was a competitive bid, it is deemed that the \$432,000 bid price is reasonable and the final CEF will be based on this cost (See attached CEF). HAZARD MITIGATION: Hazard mitigation will be achieved through the implementation of current Codes and Standards. The West Abutment and Wing Walls will be capable of withstanding greater storm flow forces with the addition of the footing and the steel bearing piles. The pre-stressed concrete box beam bridge will be stronger than the original timber bridge, and if one or both fascia (outer) beams are damaged by floating debris or any other individual beam is damaged, the specific damaged beam(s) can be readily replaced.

1042DR4DA-12 BG26 - Bates Hollow Bridge Scour Repairs PA-02-NY-4020-PW-08947 PA-02-NY-4020-State-0121(121) Schoharie County's Department of Public Works accomplished some immediate repairs to bridges where it was practical. The applicant chose to perform the repairs under a proposal (dated 9-16-11), with Carver Construction, Inc. (\$22,401.00). Copies of the worksheet, purchase order, and invoice are provided as part of the back up along with the County's purchasing requirements. The costs shown are to restore the bridge abutments to pre-disaster condition. Repairs are referenced on a County and an aerial map, and GPS readings were logged at the site. Photos were taken at the site and are attached. The project specialist has performed an appropriate validation of applicant's maintenance records and these records can be found on file at applicant's county offices. Work consists of completed work with actual costs attached. Costs were validated using RS Means, 2nd Quarter 2012, Albany, New York (See attached estimate). The following actual work was performed by the contractor (Carver Construction, Inc.), to repair the disaster related damages: The southwest abutment dimensions of large rip-rap replaced were 20 ft W x 40 ft L x 3 ft D/27 = 88.9 CY x 1.4 = 124.5 Tons. The northwest abutment dimensions of large rip-rap replaced were 12 ft W x 12 ft L x 3 ft D/27 = 16 CY x 1.4 = 22.4 Tons. The southeast abutment dimensions of large rip-rap replaced were 20 ft W x 20 ft L x 3 ft D/27 = 44.4 CY x 1.4 = 62.2 Tons. The northeast abutment dimensions of large rip-rap replaced were 20 ft W x 35 ft L x 3 ft D/27 = 77.8 CY x 1.4 = 108.9 Tons. The north abutment dimensions of minimal large rip-rap replaced were 8 ft W x 12 ft L x 3 ft D/27 = 10.7 CY x 1.4 = 15 Tons. Total large rip-rap replaced = 237.8 CY x 1.4 = 333 Tons. The work performed by the applicant's contractor was replacing the washed out areas of rip-rap. Contract cost is \$22,401.00. The contract amount of \$22,401.00 is validated as reasonable, as the estimate (\$19,787.30 [See attached Estimate]), is within 12% of the actual contract cost.

1042DR4DB-12 Mattice Road Bridge at Catskill Creek PA-02-NY-4020-PW-09064 PA-02-NY-4020-State-0121(121) WORK COMPLETED In order to restore the facility to its predisaster design, function, and capacity, the Applicant utilized force account labor, equipment, and materials to perform the following work:

- Place and remove 20 LF of temporary concrete barrier @ \$59.74/LF = \$1,194.80
- Fill scoured areas underneath the north and south abutments by placing a total of 15 CY of concrete @ \$641.67/CY = \$9,625.05
- Partially fill embankment areas on the corners of the bridge structure by placing 228 CY of stackale stone @ \$75.88/CY = \$17,300.64
- Partially fill embankment areas on the corners of the bridge structure by placing 189 CY of heavy stone fill @ \$71.69/CY = \$13,549.41
- Partially fill embankment areas on the corners of the bridge structure by placing 138 CY of light stone fill @ \$47.58/CY = \$6,566.04
- Partially fill embankment areas on the corners of the bridge structure by placing 143 CY of crushed stone @ \$56.12 = \$8,025.16
- Complete filling of embankment areas by placing 125 CY of topsoil @ \$46.63/CY = \$1,165.75

1042DR4DC-12 Hub Shutts Road PA-02-NY-4020-PW-0915 PA-02-NY-4020-State-0121(121) Using Force Account Labor, Equipment and Rental Equipment the Applicant completed the project and cleaned and reshaped the 2000 Lf. of ditches on Hubbs Schatts Rd. The Applicant used 132 hrs. of Force Account Labor at a cost of \$3,082.45, 82.0 hrs. of Force Account Equipment at a cost of \$3,552.00 and Rental Equipment costing \$594.72. Caterpillar Excavator costs based upon a monthly rental of \$7,400.00 allocated to several projects on a basis of \$33.04 per hour for 28 days at hours use per day. Cost in this subgrantee grant application is for 18 hours use on this project.

1042DR4DD12 R13-C - Stryker Road Culvert PA-02-NY-4020-PW-08946 PA-02-NY-4020-State-0121(121)

Work Completed: The Applicant has utilized force account labor, equipment and materials to perform the following work: - Repair NE stacked stone headwall measuring 30ft x 10ft x 1ft = 300 CF/11 CY @ \$975.67/CY = \$10,732.37 - Replace 12 CY of heavy stackable stone on the northwest embankment @ \$75.88/CY = \$910.56 - Replace 11 CY of light stone fill on the northwest embankment @ \$47.58/CY = \$523.38 - Replace 1.5 CY of crushed stone atop the northwest embankment @ \$56.12/CY = \$84.18 - Place 1.5 CY of crushed stone atop the northwest embankment @ \$56.12/CY = \$84.18 (the material already placed has settled into the northwest embankment stone) - Reset 75 linear feet of corrugated metal guiderail @ \$13.34/LF = \$1,000.50 - Cast 6 CY of Class A concrete in order to repair the integrity of the bottom of the culverts @ \$1,416.67/CY = \$8,500.02. The newly cast bottom will measure approximately 6 ft wide x 4 in deep x 80 ft long (the entire length of both pipes). See Eligibility note below. - Place 2,000 SF/222 SY or approximately 25 tons of 2" plant mix top course asphalt overlay @ \$178.33/ton = \$4,458.25. See Eligibility note below.

1042DR4DE12 Pleasant Valley Road PA-02-NY-4020-PW-08951 PA-02-NY-4020-State-0121(121)

In order to restore the facility to its predisaster design, function, and capacity, the Applicant has utilized force account labor, equipment, and materials in order to perform the following work:

1. Replace 111 CY of extra heavy stackable stone on the southeast embankment @ \$75.88/CY = \$8,422.68 2. Replace 10 CY of medium stone fill on the southeast embankment @ \$58.33/CY = \$583.30 3. Replace 6 CY of crushed stone on the southeast embankment @ \$56.12/CY = \$336.72 4. Replace 6 CY of riprap on the northeast embankment @ \$73.33/CY = \$439.98 5. Replace 7 CY of riprap on the northwest embankment @ \$73.33/CY = \$513.31

1042DR4DF12 Summit St. Bridge PA-02-NY-4020-PW-09162 PA-02-NY-4020-State-0121(121)

WORK COMPLETED The applicant repaired the two washouts of the east side stream bank at both ends of the bridge. each measuring approximately 20ft X 12ft X 6ft = 53CY X 2 side = 106CY and the eroded west bank area of 50ft X 4ft X 1 ft. = 7.4 CY or 113.4CY X 1.5Tons/CY = 170.10 Tons with granular fill costing. Cost of granular fill = 170.10tons X \$7.15 = \$1,216.22.

Applicant reshaped the two 100ft. X 50ft. scoured stream bed areas. All work was completed using Force Account Labor, Equipment and Materials. Applicant also used a rented excavator. Total Project Costs are as follows: 89 Hrs. Force Account Labor = \$2,289.80, 43 Force Account Equipment Hrs. = \$1,808.00, 1,216.22 in Force Account Materials and a rented Excavator for 5 days @ \$246.66/day = \$1,233.33. The Total Cost of the project excluding Direct Administrative Costs is \$6,547.35. The Applicant has submitted a Hazard Mitigation Proposal for stream bank erosion control. 1042DR4DG12 Saddle Hill Road PA-02-NY-4020-PW-0158 PA-02-NY-4020-State-0121(121)

To restore the damaged Saddle Hill Rd. culvert facility the applicant: 1. Replaced 25ft. X 1 6ft X 5ft. = 74CY (103.46) Tons of Heavy rip rap stone. 2. Recovered and reset 14ft. X 6ft. X 3ft. = 10CY of medium and Rip Rap. 3. Replaced 20ft. X 32ft. X 6in = 11.7 CY (16.34 Tons) Crusher run Gravel. The applicant used 39.0 Reg. hrs. of Force Account Labor at a cost of \$1,048.90, 21.0 Hrs. of Force Account Equipment at a Cost of \$1,389.00 and Force Account Materials at a cost of \$1,728.09 to repair the damaged road surface and replace the washed out rip rap at both ends of the culvert

1042DR4DH-12 Bear Ladder Road PA-02-NY-4020-PW-09062 PA-02-NY-4020-State-0121(121)

WORK COMPLETED In order to return the facility to its predisaster design, function, and capacity, the Applicant has utilized force account labor, equipment, and materials to perform the following work. 1. Replace 231 cubic yard of extra heavy stackable stone (item # 620.140100009) @ \$75.88/CY = \$17,528.28 2. Replace 77 CY of riprap (item # 620.05) @ \$73.33/CY = \$5,646.41 3. Replace 15 CY of crushed stone (item # 304.01970608) @ \$56.12/CY = \$841.80

1042DR4DI-12 Stone Store Road Bridge PA-02-NY-4020-PW-09033 PA-02-NY-4020-State-0121(121)

The Applicant has utilized force account labor, equipment and materials to perform the following work:

- Place 200CF (7.5 CY) of crushed stone at the access area @ \$56.12/CY = \$420.90
- Place 89 CY/120 tons of riprap on the northeastern embankment @ \$73.33/CY = 6,526.37
- Place 148 CY/200 tons of riprap on the southwestern embankment @ \$73.33/CY = \$10,852.84
- Place 119 CY/160 tons of riprap on the southeastern embankment @ \$73.33/CY = \$8,726.27 The Applicant will utilize force account labor, equipment, and materials to perform the following work: - Repair 3 cracks measuring 2ft tall x 1in wide x 18in deep each = 6LF utilizing concrete epoxy injection @ \$95/LF = \$570.00 COST: At the time of project development, force account records, documenting labor, equipment, and materials, and pertaining to the work captured in this subgrant application were unavailable. For this reason, the cost of work completed was estimated using the NYSDOT Average Weighted Bid Prices, 2011. The cost of work to be completed was estimated using RSMeans, 2012, 1st Quarter. The unit costs used are as follows: - Heavy Stone Fill (item # 620.05) \$71.69/CY - Crushed Stone Fill (item # 304.01970608) \$56.12/CY - Concret Crack Repair, Epoxy Injection, includes chipping, sandblasting, and cleaning (item # 03642310011) \$95/LF. CRACK REPAIR: The scour protection concrete around the abutment footings appears to have been constructed sometime following the initial construction of the bridge as a response to embankment erosion in order to prevent additional scouring of the abutment footings. These concrete elements are not imperative to the structural integrity of the bridge; therefore, replacement of the elements is not required in order to repair the vertical cracks in the concrete. INSPECTION: At the time of project development, the latest bridge inspection information was unavailable. This documentation should be provided at closeout in order to determine the pre-disaster condition of the facility.

1042DR4DJ-12 eards Hollow Road PA-02-NY-4020-PW-08747 P-02-NY-4020-State-0121(121)

Schoharie County will use contact services to return the corrugated plate arch culvert back to pre-disaster condition. Based on the available information, the Applicant will: 1. Excavate to remove damaged culvert 2. Excavate to set culvert in kind, 50ft X 12ft X 8ft 3. Restore embankments and wing walls 4. Replace 1ft of sub-base, .333ft of HMA Binder and .167ft of HMA top course 5. Replace lost rip-rap, 6ft X 5ft X 1.5ft

1042DR4DK-12 Champlin Road PA-02-NY-4020-PW-09159 PA-02-NY-4020-State-0121(121)

The Applicant will repair the undermined area at the bridge abutment and the washed out rip rap as follows: 1. Build an approximately 27ft. X 3ft. X 4ft. (12 CY) high stacked stone cofferdam to stop water flow above the bridge. 12CY = 9 Tons @ \$30.00/ton = \$270.00. 2. Divert water captured upstream to the downstream return flow area using two 8 inch rental pumps with 100Ft hoses to bypass the work area at the bridge. Estimated cost of pumps is \$7,019.00 based upon previous bids. 3. Excavate the irregular eroded area at the abutment base to a uniform depth of 6Ft. and pour 20ft X 1.75 Ft X 6 FT = 7.8CY of Concrete a delivered cost of \$123.74 per CY = \$965.17. 4. Labor: One 3 person crew plus supervisor = 4 crew members for 40 hrs. = 160 hrs. @ \$29.62 ave. wage per hr. = \$4,739.00. 5. Backhoe: 40 hrs using FEMA Code 8571 @ \$23.50 per hr. = 40 X \$23.50/hr. = \$940.00. 6. Tractor trailer hauler (two 4hr. round trips = 8 hrs.) Using FEMA Code 8793 @ \$44.50 X 8 hrs. = \$356.00. 7. Two pick-up trucks (40 hrs. each) using FEMA Code 8802 @ \$20.00 X 80 = \$1600.00. 8. 20ft X 4ft X 3ft = 9 CY or 7 Tons of # 3 stone rip rap @ \$30.00 per ton = 7 Tons X \$30.00/ton = \$210.00. The Total Project

Cost is estimated at \$16,159.47 excluding Direct Administrative Costs. The materials and equipment costs are based upon local bids, average costs for labor is derived from applicant payroll data and fringe benefit calculations as well as historic subgrantee grant applications. Equipment costs are from FEMA cost codes.

1042DR4DL-12 Stryker Road, CR-13 PA-02-NY-4020-PW-08761 PA-02-NY-4020-State-0121(121)

Schoharie County will use contract services to return the embankment of Stryker Road to pre-existing condition by: 1. Remove and store 955LF of corrugated guide railing 2. Remove the remaining unstable embankment, 915ft X 30ft X 5ft = 137,250CF/27 = 5,083.3CY 3. Place extra heavy stackable stone to re-establish the embankment's toe, 95ft X 2ft X 6ft = 10,980CF/27 = 406.7CY 4. Replace the embankment material and compact, 915ft X 30ft X 10ft = 274,500CF/27 = 10,166.7CY 5. Replace the stored guide railing, 955LF

1042DR4DM-12 Patrick Rd. Bridge PA-02-NY-4020-PW-09161 PA-02-NY-4020-State-0125(125)

WORK COMPLETED The Applicant has completed repairs to the facility utilizing Force Account Labor Materials and equipment and a rented excavator as follows: Build a 6ft. X 3ft. X 3ft bagged sand coffer dam, install and operate two rented 8hp. pumps with 100 ft. hoses to inable stream flow bypass of the work area. Install and grade 14.8CY = 20.45 Ton rock fill at top of embankment Excavate the 25ft X 1.75ft. X 3.2ft. eroded area to a uniform depth of 6 ft. at the bridge abutment. Pour 25ft X 1.75ft. X 6ft. 22CY cement to fill abutment scour area. To complete the above work the Applicant used 100 hrs of Force Account Labor at a cost of \$2,758.93, 24 hrs. of Force Account Equipment at a cost of \$1,226.00, Force Account Materials at a cost of \$794.27 and a rented excavator, pumps and hoses at cost of \$2,819.77.

1042DR4DN-12 CR-17, Flat Creek Road PA-02-NY-4020-PW-08487 PA-02-NY-4020-State-0127(127)

Schoharie County will use contract services to return the concrete box culvert back to pre-disaster condition. Based on the information that the Project Specialist has, this worksheet has been estimated using the NYSDOT Weighted Average Item Price Report with the exception of one line which is from R.S. Means, 2012 Qtr 2, Cost Data. 1. Install a cofferdam to enable to allow a dry working area 2. Install an 18in CMP pipe to channel water through the culvert during project 3. Place rip-rap inside bottom of the northeast wing wall, 4ft X 2ft X 1ft = 8CF/27 = .3CY and apply overlay concrete (shotcrete), 4ft X 2ft X .25ft = 2CF/27 = .1CY 4. Place rip-rap in the scour at the inlet bottom just outside of the culvert, 5ft X 2ft X 3ft = 8CF/27 = .3CY and apply overlay concrete (shotcrete), 5ft X 2ft X .25ft = 2.5CF/27 = .1CY 5. Place rip-rap in scoured area of the southeast wing wall, 4ft X 1ft X 1ft = 4CF/27 = .1CY and apply overlay concrete (shotcrete), 4ft X 1ft X .25ft = 1CF/27 = .04CY 6. Repair the damaged (chipped) inlet face of the parapet by applying shotcrete 15.5ft X 1ft X 1ft = 15.5CF/27 = .6CY 7. Repair the damaged (chipped) northeast wall vertical edge by drilling 10 holes to epoxy in rebar pins, form and pour concrete, 4ft X 6.5ft X 1.5ft = 39CF/27 = 1.4CY 8. Fill Scoured area behind the northeast wing wall using existing native material from around culvert, 20ft X 2.5ft X 5ft = 250CF/27 = 9.3CY.

1042DR4DO-12 Installation of Guide Rails PA-02-NY-4020-PW-08721 PA-02-NY-4020-State-0127(127)

Schoharie County Dept. of Public Works used Force Account Labor/Equipment, rented equipment and materials to return the sites to pre-disaster condition. Site 1 - GPS 42.63903 -74.52537, CR-23, Beards Hollow Rd., 425ft of corrugated guide railing was installed. Site 2 - GPS 42.61667 -74.53918, CR-23, Beards Hollow Rd., 305ft of corrugated guide railing was installed. Site 3 - GPS 42.52669 -74.56731, CR-16, Wharton Hollow Rd., 75ft of corrugated guide railing was installed Site 4 - GPS 42.48514 -74.48431, CR-43, West Kill Rd., 375ft of corrugated guide railing was installed. Site 5 - GPS 42.48545 -74.44539, CR-31, Bear Ladder Rd., 108ft of corrugated guide railing was installed. Site 6 - GPS 42.49225 -74.43605, CR-31, Bear Ladder Rd., 192ft of corrugated guide railing was installed. Site 7 - GPS 42.50201 -74.42837, CR-31 Bear Ladder Rd., 96ft of corrugated guide railing was installed. Site 8 - GPS 42.49231 -74.36497, CR-17, Keyserkill Rd., 295ft of corrugated guide railing was installed. Site 9 - GPS 42.41927 -74.41231, CR-17, Flat Creek Rd., 180ft of box beam guide railing was installed. Site 10 - GPS 42.37563 -74.41157, Pangman Road, 84ft of corrugated guide railing was installed. Site 11 - GPS 42.50969 -74.25334, CR-19A, Hauverville Rd., 290ft of box beam guide railing was installed. The Applicant used the following labor, equipment and materials: Force Account Labor Regular time - 727 hours for \$21,197.90 Force Account Labor Over Time - 15 hours for \$43.47 Total Force Account Labor = \$21,621.37 Force Account Equipment & 13 pieces 338 hours for \$9,324.50 Materials - Guid rail components = \$161,047.16 Rented Equipment = \$4,050

1042DR4DP-12 Bull Hill Road (R59) PA-02-NY-4020-PW-08200 PA-02-NY-4020-State-0127(127)

Schoharie County used Force Account Labor, Equipment and Materials to complete repairs. All work under this PW is 100% complete. Damaged areas of the roadway were restored to pre-disaster condition with the exception of mitigation which was completed as part of repairs. These may be eligible for reimbursement but cannot be included in the Total Project Cost. A CEF was prepared to estimate completed work and to break out and quantify the proposed Hazard Mitigation costs (See attached Hazard Mitigation Proposals for additional costs). The Applicant Completed the following repairs: Location #1- near Twin Pines Drive (GPS: 42.38981, -74.41132). Borrow fill was used to rebuild the embankment 35-ft long by 10-ft high x 8-ft thick (103.7 CY or 108.9 Tons) of borrow fill. Crusher run gravel, 210-ft long x 4-ft wide x 18-in thick (46.7 CY or 59.8 Tons) was replaced. Note: The Applicant completed Mitigation as part of these repairs. This included the placement of a large stackable stone block wall 40-ft long x 10-ft high x 4-ft thick (59.3 CY or 130 Tons; Face Area = 400 SF). The cost for these repairs cannot be included in the Total Project Cost, A mitigation proposal was prepared to evaluate eligible costs (See Attached) Location #2 (GPS: 42.38902, -74.41166) - Replaced a large stackable stone block wall, 50-ft x 6-ft x 1-ft (11.1 CY or 24.4 Tons). Replaced crusher run gravel, 10-ft x 50-ft x 5-ft (92.6 CY or 118.5 Tons). Replaced small rip rap along the road bank, 50-ft x 6-ft x 5-ft (55.6 CY or 75 Tons). Location #3 (GPS: 42.38826, -74.41198) - A Large stackable stone block wall, 50-ft long x 10-ft high x 4-ft deep (74.1 CY or 163 Tons; Face Area = 500-SF) was replaced. Replaced road shoulder crusher run gravel 50-ft x 10-ft x 6-in deep (9.3 CY or 11.9 Tons). Location #4 (GPS: Beginning: 42.39050, -74.41128 - Ending GPS: 42.38778, -74.41241) - County personnel performed ditch cleaning for 1000-ft to restore flow capacity. As necessary this included clearing debris from the inlets and outlets around culverts. Location #5 (GPS: 42.38690, -74.41341) - Replaced small rip rap, 35-ft x 3-ft x 6-ft (23.3 CY or 31.5 Tons). Replaced road shoulder crusher run gravel 35-ft x 6-ft x 2-ft deep (15.6 CY or 20 Tons). Location #6 (GPS: 42.38518, -74.41457) - Replaced a 32-ft x 18-inches in diameter HDPE culvert pipe. Replaced a stackable flat stone head wall 6-ft long x 2-1/2-ft high x 1-ft thick (0.56 CY or 1.2 Tons; Face Area = 15-SF). Crusher run gravel replaced - 110-ft x 5-ft x 0.5-ft. (10.2 CY or 13 Tons). Small rip rap 110-ft x 6-ft x 2-ft was replaced (48.9 CY or 66 Tons). Note: The Applicant completed Mitigation as part of these repairs. This included replacing the lost embankment with a large stacked stone block wall: 110-ft x 6-ft x 2-ft (48.9 CY or 107.6 Tons; Face Area = 660 SF. The lost embankment is estimated as 110-ft x 6-ft x 2-ft (48.9 CY or 62.6 Tons of packed earth fill). Location #7 (GPS: 42.38463, -74.41608) - Large rip rap was installed in an area 120-ft long x 15-ft wide x 3-ft deep (200 CY or 270 Tons) along the road bank and crusher run was installed in an area 20-ft x 6-ft x 6-in (2.2 CY or 2.8 Tons) along the shoulder. Location #8 (GPS: 42.38407, -74.41648) - Small rip rap was replaced in an area 35-ft x 4-ft x 2-ft (10.4 CY or 14 Tons) along the road bank. Crusher run gravel was replaced in an area 35-ft long x 10-ft wide x 2-in deep (2.2 CY or 2.8 Tons)

along the road shoulder. Location #9 (GPS: 42.38227, -74.41784) - Crusher run gravel along the road shoulder 35-ft long x 10-ft wide x 2-in deep (2.2 CY or 2.8 Tons) was washed away. Replace fill 35-ft long by 10-ft wide x 0.5-ft deep (65 CY). Note: The Applicant completed Mitigation as part of these repairs. This included the placement of medium rip rap in an area 35-ft x 4-ft x 2-ft (10.4 CY or 14 Tons) along the road bank. Costs for this work are included in the Attached Mitigation Proposal and not included in the cost of repairs for this site. Location #10 (Starting GPS: 42.38267, -74.41749, Ending GPS: 42.38778, -74.41241) - Ditch reshaping was done on both sides of the road. One side of the road had about 1500-ft was reshaped. The other side had 500-ft reshaped. Note: The Applicant completed Mitigation as part of these repairs. This included armoring 800-ft x 4-ft wide by 1-ft deep (118.5 CY or 160 Tons) of the longer ditch and 500-ft x 4-ft wide x 1-ft deep (74.1 CY or 100 Tons) deep on the shorter side. Costs for this work are included in the Attached Mitigation Proposal and not included the cost of repairs for this site. MITIGATION: Work at roadway Locations included placement of armor stone (rip rap) within roadside drainage ditches where such material did not exist prior to damages. Also two large stacked stone block walls was also installed at two locations that suffered severe erosion to roadside embankment located adjacent to a stream. This mitigation was performed to minimize or avoid future damages and all or a portion of these costs may be eligible for reimbursement as mitigation. Such mitigation may be eligible for up to 100% of the project cost to repair to pre-disaster conditions but cannot included in the Project Cost. A mitigation proposal was prepared to evaluate eligible costs.

1042DR4DQ-12 Stryker Road Repairs PA-02-NY-4020-PW-07303 PA-02-NY-4020-State-0128(128)

The applicant retained an Architectural and Engineering firm, Barton & Loguidice, P.C. to evaluate repairs for highway embankment and road repairs for Stryker Road, to return it to pre-disaster condition, within the Town of Gilboa, in Schoharie County, New York. Total amount of the Invoice that was attributed to Stryker Road repair evaluation was \$2,558.50 (Invoice and back-up attached) The applicant will utilize a properly procured contractor to perform the repairs in this sub grant application. Work consists of removal of damaged asphaltic materials, re-establishing the roadway shoulders, drainage ditch, embankments, and sub base, removal and installation of damaged guide rail, removal and replacement of gabion basket, culvert repairs, and re-paving the asphalt road. Work consists of the following: Repairs start at GPS Lat. 42.40903 / Long. -74.46135, and end at Lat. 42.41093 / Long. -74.46261. Repair site is referenced on attached location maps, with GPS readings that were logged at starting and ending points of the site. Photos were taken at the site and are attached. The asphalt road had been maintained in above average condition, and is the responsibility of the applicant.

1. Embankment structural fill, 579 L x 20 ft W x 0 ft to 20 ft D (10 ft avg) to be replaced. $579 \times 20 \times 10/27/2(2.1\text{slope}) = 2,144.44$ CY. Applicant will reclaim and reuse 120 CY of gabion stone from gabion baskets and incorporate the material with structural fill for the embankment repair, therefore, only 2,024.44 CY of structural fill will be needed ($2,144.44 - 120 = 2,024.44$ CY). An adjacent slope on the inside of the road threatening workers with falling debris will be needed to be excavated back with topsoil and seeding (Hydro) applied (incidental protective measures, see attached FEMA Geotechnical Memo), to re-stabilize the slope for an area of 18 ft L x 24 ft W x 1 ft to 3 ft D (2 ft avg). $18 \times 24 \times 2/27 = 32$ CY excavation, 18 x 24/9 SY of topsoil, and slope stabilizing seeding.

2. Roadway structural fill, 408 L x 26 ft W (2 ft shoulders and re-shaped drainage ditch) x 0 ft to 19 ft D (9.5 ft avg) to be replaced. $408 \times 26 \times 9.5/27 = 3,732.44$ CY 3. Roadway sub base, 408 L x 26 ft W (2 ft shoulders) x 1 ft D to be replaced. $408 \times 26 \times 1/27 = 392.89$ CY. 4. 408 ft L x 22 ft W section of asphalt pavement will be removed and replaced ($408 \times 22/9 = 997.33$ SY of asphalt pavement materials). Asphaltic concrete weighs approximately 110 pounds per SY for every inch of depth. There is approximately 997.33 SY of asphalt road to repair. With an average depth of 4 1/2 inches, there will be 493,678.35 pounds of asphalt, or 246.84 tons, needed to repair the damages. Local historic pricing for asphalt paving is \$115.00 per ton and this is the cost of materials and installation. 5. Gabion baskets (360 ft L x 3 ft W x 3 ft D) will be removed and replaced ($360 \times 3 \times 3/27 = 120$ CY of gabion basket materials). 6. 784 LF of steel guide rail will be removed and replaced (784 LF of steel guide rail and post materials). 7. An 40 ft L x 18 in diameter CMP culvert will be removed and replaced (40 LF of 18 in diameter CMP material). The applicant retained an Architectural and Engineering firm, Barton & Loguidice, P.C. to evaluate repairs for highway embankment and road repairs for Stryker Road, to return it to pre-disaster condition, within the Town of Gilboa, in Schoharie County, New York. The A/E firm gave multiple alternatives to repair, including an alternative to keep Stryker Road closed, and not re-connect Stryker Road by repairing the damaged section, but to build hammerhead dead end turn-around on both ends of the damaged area of roadway. If the applicant chooses to do so, they must notify the grantee in writing prior to initiating any variance to the approved scope of work or conditions of the grant, failure to do so may jeopardize the federal funding of this sub-grant award. The Project Specialist has reviewed the county road captured in this sub-grant application and was found not to be a federal aid road, and recommends all items of work within this project as eligible.

1042DR4DR-12 CC Camp Road Bridge PA-02-NY-4020-PW-01519 PA-02-NY-4020-State-0128(128)

FEMA project specialist visited the site and has developed a scope of work and cost estimate to restore/repair the bridge to its original design, function, and capacity in accordance with NYSDOT Codes and Standards. Also, since the Applicant intended to replace the bridge, replacement cost for all work necessary to construct a new replacement bridge (in-kind) was performed in order to verify the repair vs. replacement 50% Rule Eligibility for this project in accordance with the PA Guide, FEMA 322, and the PA Policy Digest, FEMA 321, (Policy 9524.4, Eligibility of Facilities for Replacement "the 50% Rule"). Bridge repair cost is estimated by FEMA project specialist utilizing NYSDOT weighted average item price report, which is derived from historic contracted items. Bridge replacement is estimated utilizing NYSDOT Preliminary Cost Estimate Worksheet (PEW), which is a recognized standard in the State of New York and is derived from historic contracted cost. WORK COMPLETED: To date, a total of \$2,534.50 Direct Administrative Costs (DAC) has been incurred (See attached spread sheet). The final Direct Administrative Costs will be reconciled at closeout of the completed construction. To repair the bridge to its pre-disaster condition in accordance with NYSDOT codes and standards, the following will be performed: 1. Excavation and removal of 60 CY of unclassified loose soil material from the northeast embankment/stream bank. 2. Placement of 119 CY of embankment in place for the northeast embankment/stream bank. 3. Placement of 23 CY of riprap material along the northeast embankment/stream bank. 4. Placement of 17 CY of stabilized gravel near the east (begin) abutment. 5. Placement of 29 Ton of subbase material for the west (begin) approach. 6. Placement of 5 Ton of asphalt binder course on west (begin) approach. 7. Placement of 4 Ton of asphalt top course on east (begin) approach. 8. Tack coat, (approx 4 gallons) prior to placement of asphalt binder and top course material. 9. Removal and disposal of 100 LF of damaged bridge railing along the north side of the bridge. 10. Installation of 200 LF of bridge railing (100 LF along the north side and similar 100 LF along the south side of the bridge). 11. Demolition of the damaged west (begin) concrete abutment and construction of new abutment. 12. Remove and replace the damaged primary tension member in the left truss in member (L1 L2) near panel point L2. 13. Remove and

replace the damaged primary tension member in the vertical plate supporting the floor beam at span, left truss, panel point L3.

14. Use structural lifting operations for replacement of structural members listed above.

15. Construction of 500 LF of temporary silt fence around the work areas to minimize sediments migrations into the stream.

16. Construct water diversion at the streambed of the creek.

17. Construct cofferdam at the streambed of the creek.

Bridge replacement estimate IN-Kind (to pre-disaster condition) includes:

- Install cofferdams at each abutment and water diversion at the streambed to allow for substructure operations in the creek to include: substructure removal, and construction of new abutments and wingwalls.
- Removal of superstructure - guardrail 200 Lf, timber deck steel beams and truss. (100 ft L x 16 ft W = 1600 f) - Remove the damaged west (begin) concrete abutment. (16ftLx4ftWx12ft H/27 = 57 CY) and construct a new concrete abutment.
- Erect (100'-0" centerline of bearing to centerline of bearing) steel beams, estimated 4,008 lbs of steel. (number of beams and beam spacing according to engineering design
- Install (99'-0" long x 16'-0" wide) timber deck.
- Install steel truss similar to the existing, estimated approx. 17,133 lbs of steel.
- Install rail steel guard rail similar to existing. (100'each side x 2 = 200')
- Northwest gravel bridge approach reconstruction. (200'x15.25'x1")
- Maintenance of traffic during construction.
- Minor staging of substructure during construction.
- Construction of 500 FT of temporary silt fence around the work areas to minimize sediments migrations into the stream.
- Excavation and removal of 60 CY of unclassified loose soil material from the northeast embankment/stream bank.
- Placement of 119 CY of embankment in place for the northeast embankment/stream bank.
- Placement of 23 CY of riprap material along the northeast embankment/stream bank.
- Placement of 17 CY of stabilized gravel near the east (begin) abutment.
- Placement of 29 Ton of subbase material for the west (begin) approach.
- Placement of 5 Ton of asphalt binder course on west (begin) approach.
- Placement of 4 Ton of asphalt top course on east (begin) approach.
- Tack coat, (approx 4 gallons) prior to placement of asphalt binder and top course material. A repair versus replace cost comparison was done. (See attached CEF's Part A ONLY). As repair construction cost (\$337,267.90) is greater than 50% of the replacement construction cost, excluding demolition (\$661,202.05), replacement of bridge is eligible per FEMA Policy 9524.4, Eligibility of Facilities for Replacement" the 50% Rule. CC Camp Road Bridge is a single span 16'-0" wide single lane bridge with 'bottom angle distance' of approximately 80' -00", average skew is 0 degree and over roadway height (top of wood deck above the creek) is 7.5 ft, therefore the repair vs. replace comparison was done for those dimensions.

In addition, work to be completed includes:

- Preliminary engineering by engineering firm/consultants, including preliminary design, environmental documentation and permitting.
- Hydraulic analysis to be done by engineer.
- Geotechnical/Soil investigation by engineer.
- Survey to be done by engineer and/or a licensed land surveyor.
- Engineering services, including final design package, specifications and estimates, preparation of bid documented and bidder review, procurement of bids, construction phase administration and inspection, and coordination of utility relocation (if required). These services are accounted for in the standard engineering curves in CEF.
- Dimensions of final design dependent on NYSDOT Bridge Code for hydraulic pening.

The NY State-owned temporary bridge must be disassembled and returned to a NYSDOT facility. According to the drafted agreement (Attached) between NYSDOT and Schoharie County Municipality will disassemble the temporary structure as per the recommendations of Acrow Bridges, and return the Acrow bridge to a designated NYSDOT facility within 30 days of opening of the new bridge to traffic.

Open competitive solicitation for bridge contractor. Note, contractor may be awarded more than one bridge as a package for cost effectiveness. According to current Codes & Standards, aspects of the bridge will change. (See attached sections requiring bridges to adhere to NYSDOT Bridge Manual.) Applicable Codes & Standards are listed below.

- AASHTO Geometric Design of Highways and Streets.
- NYSDOT Standard Specifications, Construction and Materials
- NYSDOT Highway Design Manual
- NYSDOT Bridge Design Manual
- AASHTO LRFD Standard Specifications for Highway Bridges
- NYSDOT Geometric Design Policy for Bridges. By Codes & Standards the bottom angle length (dimension for NYSDOT Preliminary Cost Estimate Worksheet) is estimated to remain 80 ft and the bridge width increases to 18'-0". Codes states 16'-0" lane width plus 1'-6" on each side for curb and guardrail anchorage equals 18'-0" overall bridge width. Height from creek bed to top of deck increases to 10.5 ft (This is 3 ft higher since the standard 2 ft freeboard as required by the NYSDOT Highway Design Manual was compromised during this flooding event. Maintain the existing profile (7.5 ft); future 50 year storm event (Q50) would most likely overtop the new bridge causing severe structural damage. Timber deck will be changed to reinforced concrete deck with integral wearing surface composite with the steel beams as the current standard for new construction. (See attached NYSDOT Bridge Manual Section 5.1.2.2). Mitigation achieved through Codes & Standards. At the time of preparation this PW, the Hydraulic Analysis Report was not completed. Final bridge dimensions should be in accordance with the Hydraulic Analysis report and NYSDOT Codes & Standards. Additional engineering services that are required per codes & Standards, including survey, geotechnical investigation, and hydraulic analysis, are additional services that are not accounted for in the standard engineering curves in CEF. Therefore they are added as separate line items and were estimated based on average cost for typical projects and scopes within the area.

The Applicant is planning on mitigating the new bridge by placing additional riprap (heavy stone fill) material along the northeast embankment/stream bank. In addition (dependent on the Geotechnical Report once completed), the Applicant proposes to install the replacement bridge foundations on piles in-lieu of replacing the spread on-earth/rock footings in kind. A HP has been prepared to show the additional cost for these mitigation measures and is attached to this Project Worksheet (PW). NOTE: Riprap material was already being placed along the bridge southeast embankment/stream bank by the NYSDOT during installation of the temporary bridge. Applicant has provided an Engineering Report prepared by Foit Albert Associates, dated December 12, 2011. Three options were presented as follows:

- Option 1: Bridge rehabilitation;
- Option 2: Replacement with a new prefabricated bolted steel truss on existing alignment; and
- Option 3: Replacement with a new prefabricated bolted steel truss on a new alignment.

The report recommends that option #3 be selected as the most prudent viable option. However, this is a preliminary recommendation and its based on visual observation of the field conditions and damages and is not supported by geotechnical investigation or a hydraulic analysis study. The recommendations set in this PW for bridge replacement is generally in line with the engineering report recommendation except a truss structure was not proposed. Dimensions of final design dependent on NYSDOT Bridge Code for hydraulic opening. Foundations design will be per the geotechnical investigation report. The report is attached to this Project Worksheet. A bridge report obtained from National Bridge Inventory System Data base (<http://nationalbridges.com>) indicated that the bridge status is "Structurally Deficient", the bridge superstructure is "Satisfactory Condition" and the bridge Substructure is "Poor Condition". Date of the report is unknown and the report is attached to this PW. FOR FURTHER QC REVIEW (Eligibility, negligence, pre-existing determination) According to the most recent bridge inspection report (May 10, 2011) performed by the NYSDOT before the disaster event, the CC Camp Road Bridge computed condition rating was 3.825. Note: Numerical rating "3" is used for serious

deterioration, or not functioning as originally designed. (See attached NYSDOT Inspection flagging procedure for bridges). Other negative notes in the referenced NYSDOT Inspection Report included but not limited to the following:- Beg Abutment - Bearings, Bolts, Pads - Rated 3 The bearing under the left truss has "fallen" apart. The left side keeper plate is away from the rollers and the last roller is at least 2- inch away from the nest and is angled or misaligned. The anchor bolts are sheared. The anchor bolts for the right bearing roller nest are all have been sheared. - Beg. Abutment - Seats and Pedestals - Rated 4 The concrete bridge seat that supports the stringers has spalling along the exterior edge which undermines the stringers continuous masonry plate. - Beg. Abutment - Stem (Breastwall) - Rated 4 The concrete begin stem has spalling to the upper corner at the right and left truss bearing location. Spalling is 4-inch deep and extends up to the bearing masonry plate. At the middle of the stem there is a 3 ft diameter hollow sounding area and under stringer S2, there is a 2 ft diameter hollow sounding area. - Beg. Abutment - Wingwalls & Walls - Rated 3 The top of the begin right wingwall is spalled for the entire area with exposed reinforcement. Spalling continues down the face for about half of the height. Surrounding concrete is hollow sounding and can spall if repeatedly struck with a hammer. The begin left wingwal is heavily spalled along the top corner for its entire length. About 12-inch up from the ground line, the face of the wall is spalled to a depth of 2-inch. - Approaches - Drainage - Rated 3 The end approach slopes steeply towards the bridge causing water to drain and pond on the bridge. - Span 001 - Superstructure Primary members - Rating 4The verticals at PP02 (left Truss) and the PP03 & PP04 (right Truss) has a rust through hole to the channel web in the vicinity of the strut brace connection due to corrosion. At PP02 a 3.5-inch hole in the web of the inboard channel has resulted in 31% loss to that channel or 15.7% loss to the entire member, a 3/4 diameter hole is presented within the inboard channel web of hangers PP03 and PP04, right truss. At PPL04 on the right truss, there is severe section loss to the as-built reduced flange width and web has resulted in section loss estimated over 90%. All panel point pins have paint loss and some degree of corrosion. Rust delamination and section loss "gouges" next to the outboard retaining plate and at the inboard eye bar chord. Floor beam FB03 right side at the end face has web section loss/pitting near the vertical connection angle. All stringers have moderate rust at their ends. - Span 01 - Superstructure. Secondary members - Rated 4 The bridge has very low freeboard and during high flow events, the lower portion of the truss encounters water borne debris. The laterals, as they are slender, collect debris, are impacted by trees and subsequently are bent. Most of the bars at mid-span are loose and one bay in Bar 4 is no longer connected to the floor beam and has been pusher out of the way. In bay 3, a lateral bar is very loose and can be moved by hand. At the end left, a lateral bracing is bolted to the left truss masonry plate. The bolt is broken and the lateral bar is no longer connected. The lateral bracing rates "2". The lateral "x" bracing is also steel rods. The rods are in good condition BUT the connection to the top chord of the truss has corrosion and section loss. The connection may have reduced capacity in the future. - Superstructure - Paint - Rated 3 The paint system on the superstructure has paint failure throughout. Paint failure includes faded and peeling paint with rust bleed, rust staining, surface corrosion, rust delamination and section loss. The paint failure estimated to be between 40 to 55% overall. End Abutment, bearings, bolts, pads - Rated 3 Spalling to the bridge seat has undermined the bearing's masonry plate under the right truss and under stringer S5. Spalling to the pedestal is occurring from stringer S1 to the middle of Bay 2. - End Abutment - Backwall - Rated 3 The entire end backwall is a timber plank which is split and buckled horizontally through the middle of the plank. The wood box backwall/cheekwall unit at the left truss bearing is mostly fallen apart. The right box is also very loose and falling apart. A post storm flood assessment bridge inspection was conducted by NYSDOT on September 6, 2011, which resulted in the issuance of a Red Flag, closing the bridge. The report is also attached to this Project Worksheet (PW). 1042DR4MY-12 Parsons Road PA-02-NY-4031-PW-02102 PA-02-NY-4031-State-0064(63)

1. Cleared and reshaped 150ft ditch
2. Cleared and reshaped 200ft runoff stream

1042DR4MZ-12 Beards Hollow Road PA-02-NY-4031-PW-00198 PA-02-NY-4031-State-0026(25)

Reshaped stream; 415ft x 15ft Restored embankment; 415ft x 15ft x5ft (avg) with crusher run and heavy stone. Restored one half roadway sub base; 415ft x 24ft/2 x 12in x with crusher run. Replaced 30ft x 18in cmp culvert w/HDPC; 30ft x 18in culvert. Armor embankment with rip rap; 415ft x 15ft x3ft.

Work Completed:

Pavement 415ft x 24ft x 5in x \$48.02/LF = \$19,928. Guide Rail 415LF x \$35/LF = \$14,525. Pav't cost is based on historical data from a pav't project performed by Carver Construction Co. of similar size and complexity. PW R66-1 Fema 4020. Guide Rail cost was derived from a unit cost estimate provided by Carver Construction Co NOTE: PAV'T AND GUIDE RAIL REPAIR INCLUDED IN THIS PW IS NOT DUPLICATED IN DISASTER 4020 PW23-1i, ALTHOUGH DAMAGES ARE DESCRIBED FOR BOTH DISASTERS. Note: The Applicant will be incurring DAC Costs, eligible costs will be reconciled at closeout.

Location Description:

County Wide

Activity Progress Narrative:

This activity is complete.



Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	1042DR110C-12
Activity Title:	Road Reconstruction

Activity Category:

Construction/reconstruction of streets

Project Number:

1042DR4-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Low/Mod

Activity Status:

Completed

Project Title:

Schoharie County

Projected End Date:

01/09/2019

Completed Activity Actual End Date:
Responsible Organization:

Town of Blenheim

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$20,914.77
Total Budget	\$0.00	\$20,914.77
Total Obligated	\$0.00	\$20,914.77
Total Funds Drawdown	\$0.00	\$20,914.77
Program Funds Drawdown	\$0.00	\$20,914.77
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$20,914.77
Town of Blenheim	\$0.00	\$20,914.77
Most Impacted and Distressed Expended	\$0.00	\$20,914.77
Match Contributed	\$0.00	\$0.00

Activity Description:

Dave Brown Mountain Road PA-02-NY-4020-PW-00443

Dave Brown Mountain Road appears on the NVS DOT local Road listing as ID# 217651 assigned to the Town of Blenheim. The Town of Blenheim is legally responsible for the maintenance of this road. Dave Brown Mountain Road is a critical escape route for residents in the North Blenheim to escape to higher elevations in the event of a major flood. Flood water build up in the Gilboa dam lead to justifiable fears that such an evacuation would be necessary. The road was impassible to residents and emergency vehicles beyond the location of the washed out culvert pipe. A state of emergency was declared by action of the town board on August 31. The state of emergency declaration authorized the Town Supervisor to enter into emergency contracts to make necessary flood related repairs. A memo-to-file was written by the Town Supervisor documenting the decision to enter into an emergency contract with Lancaster as necessary to maintaining the health and safety of the community. On September 1 the Town Supervisor entered into an emergency contract with Lancaster Development Inc. to make repairs to Dave Brown Mountain Road. Lancaster was selected based on their capability to mobilize quickly and complete the emergency repairs in a cost effective and timely manner. The contract specifies payment to be made to Lancaster on a "time and materials" basis. The Town Supervisor and Highway Supervisor toured the site with Lancaster personnel and provided direction on the scope of the repairs being authorized. A second flood event, associated with the remnants of Tropical Storm Lee, was anticipated. This led the Town Supervisor to request that the emergency repairs include additional measures (e.g. repairing stream bank erosion and replacing lost stream bank stabilization stone, stabilizing ditch and shoulder washouts with large stone and repairing the culvert head and tail walls) to prevent further damage should a second major flood occur. The scope of repairs authorized is consistent with returning the site to its pre disaster design, capacity and function with the exception of the chip seal pavement repair. The chip seal pavement repair will be addressed in a separate PW. The Town Highway Supervisor and/or the Town Supervisor were onsite every day the contractor worked to monitor progress and ensure the repairs being made were consistent with the

town's direction on the scope work. Lancaster used 215.75 hours of straight time 63.0 hours of overtime labor to complete the work. A daily log of hours worked by day, by employee, was provided. Lancaster used 207.75 hours of equipment time and 4.0 hours of ent standby time to complete the work. A log of equipment hours charged by day, by piece of equipment used, was provided. Standby time was not charged in excess of active use time on any day to comply with FEMA reimbursement guidelines. Standby time was billed at a lower rate. Lancaster used 1756 tons of various stone grades to complete the work. This material usage summarized by material type, by day, is described in the material summary sheet.

Location Description:

Town of Blenheim

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	1042DR254A-12
Activity Title:	Debris Removal

Activity Category:

Debris removal

Project Number:

1042DR4-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Low/Mod

Activity Status:

Completed

Project Title:

Schoharie County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Schoharie County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$701.25
Total Budget	\$0.00	\$701.25
Total Obligated	\$0.00	\$701.25
Total Funds Drawdown	\$0.00	\$701.25
Program Funds Drawdown	\$0.00	\$701.25
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$701.25
Schoharie County	\$0.00	\$701.25
Most Impacted and Distressed Expended	\$0.00	\$701.25
Match Contributed	\$0.00	\$0.00

Activity Description:

To remove the immediate threat posed by the debris the applicant will utilize force account and/or, following their procurement policy, will obtain a contract vendor to do the following work.
Site # 6, Remove and Dispose of Sediments/Gravel, Debris, 111cy.

Location Description:

County Wide

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	1042DR254B-12
Activity Title:	Emergency Actions

Activity Category:

Rehabilitation/reconstruction of public facilities

Project Number:

1042DR4-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Low/Mod

Activity Status:

Completed

Project Title:

Schoharie County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Village of Cobleskill

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$4,108.33
Total Budget	\$0.00	\$4,108.33
Total Obligated	\$0.00	\$4,108.33
Total Funds Drawdown	\$0.00	\$4,108.33
Program Funds Drawdown	\$0.00	\$4,108.33
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$4,108.33
Village of Cobleskill	\$0.00	\$4,108.33
Most Impacted and Distressed Expended	\$0.00	\$4,108.33
Match Contributed	\$0.00	\$0.00

Activity Description:

1042DR4EB-12 Pump Station PA-02-NY-4020-PW-00125 PA-02-NY-4020-State-0004(2)
 WWTP located at 378 Mineral Spring Street All work has been completed on Sunday morning 8/28/2011 through 8/29/2011 Monday morning. Force Account Labor costs \$1,858.79. Applicant used 3 employees to operate 4 damaged sites for the emergency protective measures, worked total of eighty-one (81) overtime hours (eligible). Force Account Equipment costs \$453.44. Applicant used 3 Ford pick-up trucks for a total of nineteen (19) hours at \$266.00. Used one 0.5inch Kenco electric pump with 0.5hp for 24hrs x \$2.15/hr at \$51.60. A 50FT suction hose for 24hrs x \$0.46/hr at \$11.04. A 50FT discharge hose for 24hrs x \$0.26/hr at \$6.24. Used one 2.5inches Honda gas pump with 8hp for 24hrs x \$4.10/hr at \$98.40. A 50FT suction hose for 24hrs x \$0.46/hr at \$11.04. A 50FT discharge hose for 24hrs x \$0.38/hr at \$9.12. Materials cost \$20.10. Applicant purchased 2 gallons of degreaser for cleaning at \$14.38. Purchased and temporary repaired adapters, elbow for piping and PVC for the clogged pipes from a water tank in the Dewatering building. Emergency works completed for 4 damaged sites are:
 Site #1: Cleaned motors, dried electronic panels and a generator in the South Grand Street's pump station. (GPS: 42.67291,-74.48196) Site #2: Cleaned motors, dried electronic panels and a generator in the East Main Street's pump station. (GPS: 42.68049,-74.47057) Site #3: Cleaned silt from a Toro Lawnmower, 2 trash pumps, a grinder, a poly feed pump, removed electrical outlets and 9 damaged shocked light fixtures. Used a 0.5inch electric pump pumped flood water from the basement in the Dewatering building. (GPS: 42.67624,-74.47689) Site #4: Changed valves, cleaned silt and used a 2.5inches gas pump pumped flood water from 3 basements in the WWTP main building. GPS: 42.67664,-74.47785) Applicant replaced damaged valves took from the inventory and does not wish to claim this cost. Replacement or Repair for the damaged materials from all 4 sites will be written by PW#1662893 and #1662894.
 1042DR4EC-12 Cobleskill Lower Reservoir Dam PA-02-NY-4020-PW-00775 PA-02-NY-4020-State-0009(8)
 Cobleskill Lower Reservoir Dam The New York State Department of Environmental Conservation Regulations, Chapter X, Part 673.7 h states that: "the dam owner shall submit a written Incident Report to the Dam Safety



Section, in a format acceptable to the department. The department may require additional information to be submitted in order to protect public safety, property or natural resources." A copy of the NYSDEC Regulations, Chapter X, Part 673 is attached. As mandated by the NYSDEC Bureau of Water Resource Management, the Village of Cobleskill proceeded to request a Dam Incident Report by Lamont Engineers. The incident report (\$250) was followed by a Reservoir Spillway Evaluation (\$838) and Control Surveying of the spillway (\$700). See attached CONTRACT SUMMARY RECORD for breakdown. The contracted engineering firm (Lamont Engineers) found that the only damage that occurred from flooding during the incident was the washout of the embankment on two locations, East and West of the spillway. The sub-grantee contracted the repairs of the embankment to Edward V. Nadeau & Sons, Inc. The repairs consisted of placing and compacting fill dirt on the locations that were washed out. The Lump Sum Total Cost for the repairs was \$446.70 The New York State Department of Environmental Conservation, Bureau of Water Resource Management mandated the sub-grantee to provide 2 more Reservoir Spillway Evaluations. The sub-grantee plans to contract the remaining 2 Reservoir Spillway Evaluations to Lamont Engineers for a total of \$1,712 (2 x \$856 = \$1,712). The sub-grantee submitted Costs for Direct Administration in the amount of \$60.36 for time spent on supporting documentation support and vehicle use during the site visit (see attachment for breakdown of hours and equipment).

1042DR4ED-12 Quarry Street Bridge PA-02-NY-4020-PW-00770 PA-02-NY-4020-State-0009(8)

Quarry Street Bridge The Quarry Street Bridge is an essential portion of the community's transportation system. The Village of Cobleskill found it was necessary to provide safe passage and decided to perform temporary repairs on Quarry Street Bridge. The sub-grantee contracted the work to the Town of Cobleskill. The contract included Labor Hours, Equipment and Materials used. Work consisted of installing traffic control devices, installing 2 metal plates across bridge and pouring winter mix asphalt at plate edges to keep them in place. Total contract cost was \$2,133 (See attached contract). All documentation was reviewed/validated and found reasonable by the FEMA Project Specialist assigned. WORK COMPLETED The sub-grantee submitted Costs for Direct Administration in the amount of \$26.93 for time spent by Sheila Hay-Gillespie on supporting documentation support (see attachment for breakdown of hours and equipment).

1042DR4EE-12 Mill Creek Lane PA-02-NY-4020-PW-00255 PA-02-NY-4020-State-0011(11)

Mill Creek Lane. Due to the immediate threat to public health caused by flooding of nearby residencies, the Village of Cobleskill contracted Edward V. Nadeau & Sons, Inc. to remove debris against bridge and dredge the Mill Creek stream to route water flow. The contract included labor hours and equipment usage for a Lump Sum Total of \$1,416.50. A copy of the contract is attached. Woody debris was cut and left on site for public use. Work was completed on 8/31/11. To prevent damage to improved private property from a 5 year event the sub-grantee contracted Cobleskill Stone Products, Inc. to build temporary aggregate berms where channel walls were washed out. 2 aggregate berms were built by the contractor. Berm #1 (42.67847, -74.48742) is approximately 40 FT long x 15 FT wide x 5 FT high. Berm #2 (42.67886, -74.48788) is approximately 276 FT long x 20 FT wide x 5 FT high. The contract included labor hours and equipment usage for a Lump Sum Total of \$6,769.36. Work was done from 9/4/11 through 9/24/11. The sub-grantee submitted Costs for Direct Administration in the amount of \$53.86 by Sheila Hay-Gillespie for time spent on supporting documentation support (see attachment for breakdown of hours and equipment).

Location Description:

Village Wide

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	1042DR254C-12
Activity Title:	Road Reconstruction

Activity Category:

Construction/reconstruction of streets

Project Number:

1042DR4-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Low/Mod

Activity Status:

Completed

Project Title:

Schoharie County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Village of Cobleskill

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$16,611.16
Total Budget	\$0.00	\$16,611.16
Total Obligated	\$0.00	\$16,611.16
Total Funds Drawdown	\$0.00	\$16,611.16
Program Funds Drawdown	\$0.00	\$16,611.16
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$16,611.16
Village of Cobleskill	\$0.00	\$16,611.16
Most Impacted and Distressed Expended	\$0.00	\$16,611.16
Match Contributed	\$0.00	\$0.00

Activity Description:

1042DR4EF-12 Quarry Street Bridge PA-02-NY-4020-PW-00503 PA-02-NY-4020-State-0008(7)

Quarry Street Bridge To restore the Quarry Street Bridge to its pre-existing conditions, it is necessary to repair the damaged deck. Remove and replace damaged deck of Quarry Street Bridge. The bridge deck is 19 FT long x 24 FT wide = 456 SF and consists of 3 layers, (2 in x 6 in lumber, water-proof membrane & asphalt). The Village of Cobleskill utilized a contractor, (Town & County Bridge and Rail), to perform the deck repairs. The contractor submitted a proposal in the "not to exceed" amount of \$19,808.00 including all labor, material (except asphalt) and equipment. After work was 100% completed, the repairs resulted in a lower cost. The sub-grantee submitted an invoice for the above work in the amount of \$17,168.00. Copies of the proposal and invoice are attached. To pave the deck, the sub-grantee used 6.95 Tons of Type 6 Top Asphalt purchased from Cobleskill Stone Products, Inc. for a cost of \$1,628.75 (\$225/Ton x 6.95 Ton = \$1,563.75 + \$65 Delivery Fee = \$1,628.75). See attached invoice from Cobleskill Stone Products, Inc. All documentation was reviewed/validated and found reasonable by the FEMA Project Specialist assigned. The sub-grantee submitted Costs for Direct Administration in the amount of \$60.36 for time spent on supporting documentation support and vehicle use during the site visit (see attachment for breakdown of hours and equipment).

1042DR4EG-12 36 inch CMP Culvert PA-02-NY-4020-PW-03623 PA-02-NY-4020-State-0040(38)

On North Street, 480 FT NW of Lark Street To restore the site to pre-existing conditions it is necessary to remove, replace and rejoin the damaged 40 FT section of 36 inch CMP culvert. To Excavate. Remove and Replace the damaged 36 in CMP Culvert, the sub-grantee will spend a Total of \$1,969.20 on Labor, \$1,403.30 on Equipment and \$1,675.80 on Materials. See attached Costs Breakdown • Culvert Replacement for Details. The estimated value of Sub-Grantee Direct Administrative Costs is \$284.00 pursuant to DAP9525.9, dated March 12,2008.

1042DR4EH-12 Eroded Gravel Ditch PA-02-NY-4020-PW-03644 PA-02-NY-4020-State-0040(38)

Quarry Street, 132 FT East of Intersection with North Street To restore Quarry Street to its pre-disaster

conditions, it is necessary to repair the eroded ditch. To clean, grade and reshape the damaged ditch, the sub-grantee will spend a Total of \$6,006.96 on Labor, \$1,912.00 on Equipment and \$884.00 on Materials. Grand Total Cost to repair Quarry Street would be \$8,802.96. See attached Costs Breakdown - Quarry Street for Details. The estimated value of Sub-Grantee Direct Administrative Costs is \$284.00 pursuant to DAP9525.9, dated March 12, 2008, 1042DR4EI-12 Eroded Gravel Ditch PA-02-NY-4020-PW-04281 PA-02-NY-4020-State-0041(41)

North Street, 0.3 mi South of Intersection with Quarry Street Applicant is submitting 406 Hazard Mitigation with project. Refer to attached HAZARD MITIGATION PROPOSAL (HMP) for details. To restore North Street to its pre-disaster conditions, it is necessary to repair the eroded ditch and edge of road pavement. To clean, grade and reshape the damaged ditch, the sub-grantee will spend a Total of \$3,497.10 on Labor, \$1,006.00 on Equipment and \$487.50 on Materials. Grand Total Cost for ditch repairs would be \$4,990.60. See attached Cost Breakdown - North Street - Ditch Repairs for Details. To saw cut the existing asphalt, the sub-grantee will spend a Total of \$1,195.20 including Labor and Equipment. See attached Cost Breakdown - North Street - Pavement Repairs for Details. To remove and replace the damaged pavement, the sub-grantee will spend a Total of \$2,415.48 on Labor, \$690.00 on Equipment and \$890.35 on Materials. See attached Cost Breakdown - North Street - Pavement Repairs for Details. Grand Total Cost for pavement repairs would be \$5,191.03.

1042DR4EJ-12 1 Quarry Street Embankment PA-02-NY-4020-PW-09074 PA-02-NY-4020-State-0122(122)

Quarry Street. The following damaged areas will be restored to pre-disaster condition. The work will be completed by the Village of Cobleskill using an independent contractor hired in accordance with the town procurement policy. 1. Quarry Street: 42.68556 -74.48989:..... Reconstruct a section of the embankment supporting Quarry Street 20 ft long x 15 ft high x 3 ft wide = 900 Cf / 27 = 33.3 CY plus the Rip-Rap slope protection 20 ft long x 15 ft wide x 2 ft deep = 600 CF/ 27 = 22.2 CY. See HMP Cost Estimate: Reconstruct a section of the embankment supporting Quarry Street: Note: Cost Estimate developed using RS Means with the following settings: Title - Heavy Construction, Master Format 2010, Location - Schenectady NY (123), Wage Rate - Union. Master format division numbers in parenthesis. 1. Mobilization & Demobilization (01-54-36-50-0020) 2 days @ \$261.00/Day = \$522.00 2. Install temporary Silt fence (31-25-14-16-1100) 50 LF @ \$1.15/LF = \$57.50 3. Temporary Cofferdam (31-52-16-10-0020) 100 SF @ \$26.50/SF = \$2,650.00 4. Dewatering - Pumps (\$935/.8 hr day x 3 = \$2805/24 hr day (31-23-19-20-0900) 2 Days @ \$2,805.00/day = \$5,610.00 5. *Excavation for reshaping roadway embankment (add 300% for small quantity, \$2.51 x 3 = \$7.53) (31-23-16-42-0200) 12.0 CY @ \$7.53/CY = \$90.36 6. Hauling excavated spoil material (assume 50% spoil), cycle 8 miles (31-23-23-20-0054) 6 CY @ \$6.30 = \$37.80 7. Borrow, Loading and or spreading, Select granular Fill (31-23-23-15-5000) 35 CY @ \$17.45/CY = \$610.75 8. Compaction - Vibrating Plate (31-23-23-23-7000) 35 CY @ \$2.50/CY = \$87.50 9. large Rip-Rap (31-37-13-10-0370) 40 tons @ \$27.50/ton = \$1,100.00 10. *Hydroseeding (add 300% for small quantity, \$53.50 x 3 = \$160.50) (32-92-19-14-4600) 0.5 MSF @ \$160.50/ MSF = \$80.25 11. Erosion Control Blanket - Nylon, 3 dimensional geomatrix, 9 mil thick (31-25-14-16-0060) 17 SY @ \$3.61/SY = \$61.37

Location Description:

Village Wide

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	1042DR254F-12
Activity Title:	Public Water/Public Sewer

Activity Category:

Construction/reconstruction of water/sewer lines or systems

Project Number:

1042DR4-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Low/Mod

Activity Status:

Completed

Project Title:

Schoharie County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Village of Cobleskill

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$17,004.78
Total Budget	\$0.00	\$17,004.78
Total Obligated	\$0.00	\$17,004.78
Total Funds Drawdown	\$0.00	\$17,004.78
Program Funds Drawdown	\$0.00	\$17,004.78
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$17,004.78
Village of Cobleskill	\$0.00	\$17,004.78
Most Impacted and Distressed Expended	\$0.00	\$17,004.78
Match Contributed	\$0.00	\$0.00

Activity Description:

1042DR4EK-12 10 inch ID Water Main Crossing Cobleskill Creek PA-02-NY-4020-PW-08992 PA-02-NY-4020-State-0122(122) Cobleskill CreekThe following damaged areas will be restored to pre-disaster condition. The work will be completed by the Village of Cobleskill using an independent contractor hired in accordance with the town procurement policy. 1. 10 inch ID DIP Water Main: 42.67612 -74.47267: In order to restore the protective soil cover over the 10 inch water main and provide the appropriate depth of bury the village will direction drill a new 10 inch main at a lower elevation. In order to facilitate directional drilling HDPE SDR 11 Pipe will be used. This water main will be designed and constructed in accordance with "Recommended Standards for Water Works - Policies for Review and Approval of Plans and Specifications for Public Water Supplies" also known as the "10 States Standards".

1042DR4EL-12 WWTP PA-02-NY-4020-PW-0012 PA-02-NY-4020-State-0004(2)

WWTPAll work has been completed from 9/15/2011 through 10/10/2011 with a total cost of \$3,652.82. Site# 2: 2nd basement in the main building had a total repair cost of \$1,185.22.

A Yeomans 6315 trash pump (30hp) was repaired by the Troy Motor Service on 10/10/2011 at cost of \$1,150.00. To uninstall and install this pump, applicant used an employee and worked FLA for 2hours X \$17.61/hr at cost of \$35.22 for the Infiltration Pump Room. (GPS: 42.67624,-74.47689) Site# 3: 3rd basement in the main building had a total repair cost of \$1,283.56.

Applicant purchased one Marathon electric motor for a grinder (3hp) at cost of \$826.56.

One Marathon electric motor for another grinder (1hp) at cost of \$386.56 on 9/21/2011 from the Granger Company. To uninstall and install these two motors from two grinders, applicant used an employee and worked FLA for 4 hours X \$17.61/hr at cost of \$70.44 for the Preliminary Room. (GPS: 42.67664,-74.47785). Site# 5: Basement in the dewatering building had a total repair cost of \$1,184.04. Applicant sent out a damaged diesel Tora-328D Lawnmower on 9/26/2011 from the Grassland Equipment & Irrigation Corp for repair at cost of

\$978.90. Applicant purchased an electric WEG motor (3/4hp) on 9/15/2011 from the Grainger Company at cost of \$169.92. To uninstall and installed this motor from this pump, applicant used an employee and worked FA Labor for 2 hours X \$17.61/hr at cost of \$35.22. (GPS: 42.67576,-74.47724) Site# 1: 1st basement in the main building had a total estimate cost of \$6,617.00. Applicant provided an estimate from the BCI Construction, Inc for a replacement of a damaged metal door (3FT X 6FT) at cost of \$2,242.00. An estimate from the CDE Electric Inc. for a replacement of 9 damaged fluorescent lights with fixtures at cost of \$975.00. 13 damaged GFCI receptacles electric outlets at cost of \$4,375.00 in the main chamber pump discharge room. (GPS: 42.67624,-74.47689). Site# 2: 2nd basement in main building, two damaged trash pumps (30hp) will sent out to be tested for damages at a later date to see if they will be repaired and cost of the Infiltration Pump Room. (GPS: 42.67624,-74.47689) Applicant will provide an estimate cost and this cost will be written from another PW. Site# 4: 4th basement in the main building had a total estimate cost of \$532. Applicant was provided an estimate from the Siewert Equipment for the replacement of a TEFC-326C motor (3hp) for a damaged grinder that draw and paddle sewage water from an embedded underground well in the Pista Grip Room. (GPS: 42.67664,-74.47785) Site# 5: Basement in the dewatering building had a total estimate cost of \$27,687.50. Applicant was provided an estimate from the Grainger Company for the replacement of a damaged air pressure pump 3-cylinder at cost of \$787.50. An estimate from Godwin Pumps for the replacement of a Dri-Prime diesel trash pump (24hp) at cost of \$26,900.00. (GPS: 42.67576,-74.47724).

Location Description:

Village Wide

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	1042DR4A-12
Activity Title:	Debris Removal

Activity Category:

Debris removal

Project Number:

1042DR4-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Low/Mod

Activity Status:

Completed

Project Title:

Schoharie County

Projected End Date:

09/17/2012

Completed Activity Actual End Date:
Responsible Organization:

Schoharie County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$2,380.00
Total Budget	\$0.00	\$2,380.00
Total Obligated	\$0.00	\$2,380.00
Total Funds Drawdown	\$0.00	\$2,380.00
Program Funds Drawdown	\$0.00	\$2,380.00
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$2,380.00
Schoharie County	\$0.00	\$2,380.00
Most Impacted and Distressed Expended	\$0.00	\$2,380.00
Match Contributed	\$0.00	\$0.00

Activity Description:

The Applicant contracted with Town and County Bridge and Rail, Inc. to complete the removal of approximately 50CY of vegetative debris from the bridge. The cost of the removal as invoiced was \$8,064.00. Per the applicant representative, the debris was removed through the use of hand tools. The work was performed from the deck and substructure of the bridge above water level. No entry was made to Schoharie Creek or work performed in the creek by the work crew members. No vehicles or equipment entered the Creek. All work was completed prior to 8/31/2012 the final date for completion of all Emergency (Categories A & B) Work as extended under the New State Office of Emergency Management Letter of February 9, 2012. The debris was chipped on site by the contractor and spread as mulch on an adjoining farm property.

PROJECT NOTES:
Invoice and purchase voucher are included in the documentation.

Location Description:

County Wide

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	1042DR4B-12
Activity Title:	Debris Removal

Activity Category:

Debris removal

Project Number:

1042DR4-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Low/Mod

Activity Status:

Completed

Project Title:

Schoharie County

Projected End Date:

11/12/2012

Completed Activity Actual End Date:
Responsible Organization:

Schoharie County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$9,136.00
Total Budget	\$0.00	\$9,136.00
Total Obligated	\$0.00	\$9,136.00
Total Funds Drawdown	\$0.00	\$9,136.00
Program Funds Drawdown	\$0.00	\$9,136.00
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$9,136.00
Schoharie County	\$0.00	\$9,136.00
Most Impacted and Distressed Expended	\$0.00	\$9,136.00
Match Contributed	\$0.00	\$0.00

Activity Description:

To remove the imminent threat posed by the debris, the applicant will use of contract works to do the following work. Reduce two (2) piles (195 ft. L x 183 ft. W x 12 ft. H) and (94 ft. L x 19 ft. W 12 ft. H) for a total 16,654cy of vegetative debris, using Tub Grinding in place. Reused the material in place, cutting for local firewood for the residences, used for pellet production, ground up or used for another legal purpose. Any debris removed from site must comply with all NYS DEC regulations regarding the removal, transportation, reuse, and/or final disposal of woody debris. The applicant retains copies of permits at its offices and will produce them on demand. The applicant performed a bid for the contract works.

Location Description:

County Wide

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	1042DR4C-12
Activity Title:	Debris Removal

Activity Category:

Debris removal

Project Number:

1042DR4-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Low/Mod

Activity Status:

Completed

Project Title:

Schoharie County

Projected End Date:

09/17/2012

Completed Activity Actual End Date:
Responsible Organization:

Schoharie County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$3,923.73
Total Budget	\$0.00	\$3,923.73
Total Obligated	\$0.00	\$3,923.73
Total Funds Drawdown	\$0.00	\$3,923.73
Program Funds Drawdown	\$0.00	\$3,923.73
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$3,923.73
Schoharie County	\$0.00	\$3,923.73
Most Impacted and Distressed Expended	\$0.00	\$3,923.73
Match Contributed	\$0.00	\$0.00

Activity Description:

To remove the immediate threat posed by the debris the applicant will utilize force account and/or, following their procurement policy, will obtain a contract vendor to do the following work.
 Site # 12, Remove and Dispose of Vegetative Debris, 10cy.
 Easy access so a unit price of \$27 per CY was selected.

Location Description:

County Wide

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	1042DR4D-12
Activity Title:	Debris Removal

Activity Category:

Debris removal

Project Number:

1042DR4-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Low/Mod

Activity Status:

Completed

Project Title:

Schoharie County

Projected End Date:

05/25/2012

Completed Activity Actual End Date:
Responsible Organization:

Schoharie County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$1,677.50
Total Budget	\$0.00	\$1,677.50
Total Obligated	\$0.00	\$1,677.50
Total Funds Drawdown	\$0.00	\$1,677.50
Program Funds Drawdown	\$0.00	\$1,677.50
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$1,677.50
Schoharie County	\$0.00	\$1,677.50
Most Impacted and Distressed Expended	\$0.00	\$1,677.50
Match Contributed	\$0.00	\$0.00

Activity Description:

To remove the immediate threat posed by the debris the applicant will utilize force account and/or, following their procurement policy, will obtain a contract vendor to do the following work.
 Site # 16, Remove and Dispose of Vegetative Debris, 222cy.
 Reasonable access from bridge therefore \$27 per CY was used.
 Remove and Dispose of Sediments/Gravel, 18cy therefore \$24 per CY was used.
 The original work was included in PW 0689399 (EMMIE #03466) for the Town of Blenheim. The Town reports that they are not aware of this project and they are not the appropriate applicant. The correct applicant would be the County of Schoharie. The County reports that they have an agreement with the surrounding communities to maintain and repair roads owned by the municipalities. Because of the high flood waters in the Village of Schoharie where the County's records were kept (as well as in the Town of Blenheim), this agreement was damaged or lost. At the time of writing this subgrant application (SA) the County's and the Town of Blenheim's records are out for restoration. The applicant has been told that if the agreement is not among the salvaged records that it will need to be re-enacted prior to close out. An Amendment to PW 0689399 (EMMIE #03466) has been submitted to deobligate the PW.

Location Description:

County Wide

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	1042DR4DS-12
Activity Title:	Debris Removal

Activity Category:

Debris removal

Project Number:

1042DR4-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Schoharie County

Projected End Date:

02/11/2012

Completed Activity Actual End Date:
Responsible Organization:

Town of Blenheim

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$3,246.50
Total Budget	\$0.00	\$3,246.50
Total Obligated	\$0.00	\$3,246.50
Total Funds Drawdown	\$0.00	\$3,246.50
Program Funds Drawdown	\$0.00	\$3,246.50
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$3,246.50
Town of Blenheim	\$0.00	\$3,246.50
Most Impacted and Distressed Expended	\$0.00	\$3,246.50
Match Contributed	\$0.00	\$0.00

Activity Description:

The debris located in the Town Park would have prevented its future use as a park and therefore warranted removal. The residential debris both woody and household represented a clear threat to the health and well being of the property occupants. It is the applicant's policy to provide residential debris pick-up in the aftermath of flood events. The Town of Blenheim has been subjected to serious flooding in several prior years and has provided this residential debris pick-up during those events. The applicant used 458 hours of straight time labor the cost of which is not included in this PW and 108 hours of overtime labor valued at \$2,119.70 including applicable overtime employee benefits. The labor hours shown on the labor sheets include time spent by the Town's working highway supervisor. The supervisor is salaried and does not receive compensation for overtime work. The overtime hours worked by the supervisor were included in this PW to justify the equipment usage but were valued at a \$0 rate since no actual compensation occurred. The applicant also used 482 hours of equipment time valued at \$6,994.50 using the applicable FEMA cost codes. The equipment hours included in this PW include time when Town highway department employees operated donated equipment. These hours are included to justify the labor utilized but were valued at a \$0 hourly rate since the equipment was a donated resource and not owned by the applicant. The applicant will submit a separate PW summarizing all donated resources. The Town hired a temporary employee, not included in the Towns 2011 budget, to coordinate the Towns disaster response. The temporary employee receives no employee benefits. The temporary employees payroll expense has been summarized and allocated to four categories of work: 1) direct administrative cost which will be charged to the applicable PW's, 2) debris removal coordination which will be charged to this PW, 3) emergency response coordination which will be charged to the Town wide emergency PW and 4) coordination of the Town Hall repairs which will be charged to the Town Hall repair PW. The cost allocated to this PW is \$433.00 and represents the time spent by this temporary employee coordinating

dumpster placement and removal with MOSA. See attachment #1 for calculations. During the course of debris removal operations, the Town collected approximately 200 cubic yards of woody debris which was trucked to its permanent resting place on nearby property owned by the New York Power Authority (NYPA). The debris pile is located at 42.457821N, -74.45964W which is at an elevation where it is not within the flood plain (see firmette map 36095C0404E). The NYPA representative contacted by the applicant indicated NYPA will make no charges to the applicant for debris storage or disposal. NYPA plans to allow the debris to decay naturally at its present resting place. Dumpsters provided by Montgomery-Otsego-Schoharie Solid Waste Management (MOSA) were strategically placed about Town. Town employees collected residential roadside debris and deposited it in these dumpsters. The dumpsters were returned to MOSA, a permitted solid waste disposal facility, for waste segregation and disposal. As of the date of this PW, fifty two dumpsters have been processed totaling 312 tons. The Town emergency response coordinator contacted MOSA and was told that any MOSA charges for dumpster use and solid waste disposal would be paid by Schoharie County. The applicant has not included any cost in this PW for MOSA dumpster use and solid waste disposal. See attachment #2 for a summary of debris shipments from the Town of Blenheim to MOSA. Direct administrative costs have been included for Simmons Recovery Consulting charges associated with developing this PW in the amount of \$1,628 (attachment 3). A copy of Simmons Recovery Consulting's contract and invoices to the applicant is attached (attachment 4). Direct Administrative Costs have been included for the applicant emergency coordinator in the amount of \$126 (attachment 5). The applicant estimates that debris removal operations Town Wide are 85% complete as of the writing of this PW. The applicant is requesting that an additional cost of \$450.48 for labor and \$1,234.32 for equipment be included in this PW to cover the remaining 15% of work to be completed. The above costs were arrived at assuming the costs of work to be completed would be proportional to the cost of work complete. See attachment 6 for calculations. It is anticipated that this work to be completed will result in an additional 58 tons of debris being shipped to MOSA for disposal. The sub-grantee is requesting direct administrative costs that are directly chargeable to this project. Associated eligible work is related to administration of this PA project only in accordance with 44 CFR 13.22. These costs are treated consistently and uniformly as direct costs in all Federal awards and other sub-grantee activities and are not included in approved indirect cost rates. See line item costs

Location Description:

Town Wide

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	1042DR4DT-12
Activity Title:	Debris Removal

Activity Category:

Debris removal

Project Number:

1042DR4-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Schoharie County

Projected End Date:

01/31/2012

Completed Activity Actual End Date:
Responsible Organization:

Town of Blenheim

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$21,724.50
Total Budget	\$0.00	\$21,724.50
Total Obligated	\$0.00	\$21,724.50
Total Funds Drawdown	\$0.00	\$21,724.50
Program Funds Drawdown	\$0.00	\$21,724.50
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$21,724.50
Town of Blenheim	\$0.00	\$21,724.50
Most Impacted and Distressed Expended	\$0.00	\$21,724.50
Match Contributed	\$0.00	\$0.00

Activity Description:

On September 1 the Town Supervisor entered into an emergency contract with Lancaster Development Inc., to make repairs to East Side Road. While executing the emergency road repair contract, Lancaster collected approximately 5000 cubic yards of woody debris blocking the roadway, road shoulders, roadside embankments and the adjoining stream channel. The debris was collected by the contractor and left onsite at 42.46785N, -74.44660W.

The contractor's debris clearing efforts were conducted in areas where its presence interfered with the reconstruction efforts or where its presence impeded water flow in the adjoining channel. Disposal of debris was not within the agreed scope of work for the contractor. The contractor did not charge for debris disposal. The cost of debris collection was included in applicant PW 3 East Side Road repairs.

The applicant obtained a property release to utilize the 3 acre site on which the debris is piled-(attachment 1). That agreement obligates the applicant to pay the property owner \$100 / acre/season or a total of \$600/season to utilize the 3-acre site for debris storage.

Direct administrative costs have been included for Simmons Recovery Consulting charges associated with developing this PW (attachment 2). A copy of Simmons Recovery Consulting's contract with the applicant is attached (attachment 3).

The applicant estimates that there is approximately 5,000 cubic yards of woody debris to be disposed of at the East Side temporary debris storage site (see attachment 4 for calculations). The cost of debris grinding and disposal has been estimated using FEMA cost code 1014 (Debris – Trees and Limbs Concentrated). 5000 cubic yards @ \$17/cubic yard = \$85,000.

The applicant anticipates additional direct administrative charges for Simmons Recovery Consulting and the applicant's personnel to:

- 1) work with FEMA and NYS OEM to obtain a final approved and obligated PW,
- 2) provide any documentation/proof of payment not available at the time of submission and
- 3) prepare for and participate in the project close out audit.

Location Description:

Town Wide

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	1042DR4DU-12
Activity Title:	East Side Road Berm

Activity Category:

Construction/reconstruction of streets

Project Number:

1042DR4-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Schoharie County

Projected End Date:

01/20/2012

Completed Activity Actual End Date:
Responsible Organization:

Town of Blenheim

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$3,658.75
Total Budget	\$0.00	\$3,658.75
Total Obligated	\$0.00	\$3,658.75
Total Funds Drawdown	\$0.00	\$3,658.75
Program Funds Drawdown	\$0.00	\$3,658.75
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$3,658.75
Town of Blenheim	\$0.00	\$3,658.75
Most Impacted and Distressed Expended	\$0.00	\$3,658.75
Match Contributed	\$0.00	\$0.00

Activity Description:

East Side Road appears on the NYS DOT Local Road Listing as 10# 217653 assigned to the Town of Blenheim. The Town of Blenheim is legally responsible for the maintenance of this road.

East Side Road is a dead end road with a full time residence at the end of the road and along its length. The road was impassible to residents and emergency vehicles for its entire length.

A state of emergency was declared by action of the town board on August 31. The state of emergency declaration authorized the Town Supervisor to enter into emergency contracts to make necessary flood related repairs. A memo-to-file was written by the Town Supervisor documenting the decision to enter into an emergency contract with Lancaster as necessary to maintain the health and safety of the community (attachment #1).

On September 1 the Town Supervisor entered into an emergency contract with Lancaster Development Inc. to make repairs to East Side Road (attachment #2). Lancaster was selected based on their capability to mobilize quickly and complete the emergency repairs in a cost effective and timely manner. The contract specifies payment to be made to Lancaster on a "time and materials" basis.

The Town Supervisor and Highway Supervisor toured the site with Lancaster personnel and provided direction on the scope of the repairs being authorized. A second flood event, associated with the remnants of Tropical Storm Lee, was anticipated. This led the Town Supervisor to request that the emergency repairs include additional measures to prevent further damage should a second major flood occur.

The Town Supervisor authorized Lancaster to construct a berm to divert the flow of Schoharie Creek back to its normal channel. The Town Supervisor took this action as an emergency preventative measure to protect improved property (East Side Road) from the immediate threat of a second flood event. If this action had not been authorized, a second flood event would have destroyed the road again. The berm constructed is 500 feet L x 20 feet H x 40 feet W at the base and 10 feet W at the top.

At FEMA's request, the applicant estimated the cost of berm construction to be \$7,191 in labor, \$7,056 in equipment and \$0 in materials (available stone from the stream bed was utilized) for a total estimated cost of \$14,247. See attachment #3 for the calculation of this estimate.

See attachment #4 for property release form obtained by Lancaster before building this berm.

Direct administrative costs have been included for Simmons Recovery Consulting charges associated with developing this PW (attachment #5). A copy of Simmons Recovery Consulting's contract with the applicant is attached (attachment #6).

The sub-grantee is requesting direct administrative costs that are directly chargeable to this project.

Associated eligible work is related to administration of this PA project only in accordance with 44 CFR 13.22. These costs are treated consistently and uniformly as direct costs in all Federal awards and other sub-grantee activities and are not included in approved indirect cost rates.

Location Description:

East Side Road Berm

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	1042DR4DV-12
Activity Title:	East Side Road Berm

Activity Category:

Construction/reconstruction of streets

Project Number:

1042DR4-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Schoharie County

Projected End Date:

02/11/2012

Completed Activity Actual End Date:
Responsible Organization:

Town of Blenheim

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$5,743.37
Total Budget	\$0.00	\$5,743.37
Total Obligated	\$0.00	\$5,743.37
Total Funds Drawdown	\$0.00	\$5,743.37
Program Funds Drawdown	\$0.00	\$5,743.37
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$5,743.37
Town of Blenheim	\$0.00	\$5,743.37
Most Impacted and Distressed Expended	\$0.00	\$5,743.37
Match Contributed	\$0.00	\$0.00

Activity Description:

The Town launched an emergency response effort to alleviate, to the extent possible, the numerous risks that were posed to people and property. The elements of that emergency response effort that are being claimed for FEMA reimbursement are outlined below:

The Town Highway Department made emergency repairs to damaged Town Roads in the aftermath of the disaster to clear debris from roadways, clear blocked ditches, clear plugged culverts and temporarily repair a washed out culvert pipe on Burnt Hill Road. The applicant also made emergency repairs to the roadway in the vicinity of the damaged culvert pipe on Dave Brown Mountain Road.

The applicant used the following resources to make these repairs: 1) The applicant used 222 hours of straight time labor the cost of which is not included in this PW and 37 hours of overtime labor valued at \$534.16 including applicable overtime employee benefits. The labor hours shown on the labor sheets include time spent by the Town's working highway supervisor. The supervisor is salaried and does not receive compensation for overtime work. The overtime hours worked by the supervisor were included in this PW to justify the equipment usage but were valued at a \$0 rate since no actual compensation occurred. The applicant also used 221 hours of highway department equipment time valued at \$8,148.50 using the applicable FEMA cost codes. The equipment hours included in this PW include time when Town highway department employees operated donated equipment. These hours are included to justify the labor utilized but were valued at a \$0 hourly rate since the equipment was a donated resource and not owned by the applicant. The applicant will submit a separate PW summarizing all donated resources. 3) The applicant used approximately 191 tons of crusher run at a cost of \$1,211.97 to temporarily repair the damage at culvert pipes on Burnt Hill and Dave Brown Mountain Roads. The Town hired a temporary employee, not included in the Towns 2011 budget, to coordinate the Towns disaster response. The temporary employee receives no employee benefits. The temporary employees payroll expense has been summarized and allocated to four categories of work:

1) direct administrative cost which will be charged to the applicable PW's, 2) debris removal coordination which

will be charged to the Town Wide Debris PW 1, 3) emergency response coordination which will be charged to this Town wide emergency PW 5 and 4) coordination of the Town Hall repairs which will be charged to the Town Hall repair PW 13. The cost allocated to this PW is \$3,771.00 and represents the time spent by this temporary employee coordinating emergency response efforts for the Town. See attachment 1 for details and calculations. The applicant operated a 5000 watt generator at the Town Hall and another at the Town Highway garage 24 hours per day 8/28/2011 thru 9/3/2011. The generators were used to power emergency operations and provide the ability to recharge batteries for residents. In total the generators operated for 336 hours valued at \$1,092.00 using the applicable FEMA cost code.

The applicant purchased 24 reflective traffic cones and 4 reflective traffic barrels at a cost of \$794.85 to mark damaged or closed roadways. Rental units were not available. Many of these cones and barrels are still being used for this purpose at the date this PW was written. The applicant purchased gasoline valued at \$760.40 from Mirabito and additional gasoline valued at \$1,319.03 from Laraway's for a total gasoline expenditure of \$2,079.43. The town provided the fuel free of charge to residents to power generators and to volunteer emergency responders needing fuel for their vehicles. The cost of fuel submitted above is net of any fuel used in Town vehicles. The applicant maintained a fuel disbursement log and excluded fuel used in Town vehicles as that cost was recovered in the FEMA cost codes used to value the use of Town vehicles for emergency response work. The applicant purchased 3 Motorola BPR 40 hand held radios at a cost of \$657. These radios were used extensively to maintain communication and coordinate disaster response personnel.

The Town Highway supervisor was reimbursed \$35.58 for the cost of having photographs processed and printed. The photographs were taken to document damages in the immediate aftermath of the storm. The applicant rented a New Holland B95 backhoe from Central Tractor from 10/04/2011 to 11/21/11 at a cost of \$3,050.00. The applicants backhoe was destroyed in the flood. The applicant needed the backhoe to make necessary emergency road repairs and to assist with debris clearing efforts. Direct administrative costs have been included for Simmons Recovery Consulting charges associated with developing this PW in the amount of \$1,473.00 (attachment 2). A copy of Simmons Recovery Consulting's contract and invoices to the applicant is attached (attachment 3). Direct Administrative Costs have been included for the applicant emergency coordinator in the amount of \$126 (attachment 4). The sub-grantee is requesting direct administrative costs that are directly chargeable to this project. Associated eligible work is related to administration of this PA project only in accordance with 44 CFR 13.22. These costs are treated consistently and uniformly as direct costs in all Federal awards and other sub-grantee activities and are not included in approved indirect cost rates

Location Description:

East Side Road Berm

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	1042DR4DW-12
Activity Title:	Cole Hollow Road

Activity Category:

Construction/reconstruction of streets

Project Number:

1042DR4-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Schoharie County

Projected End Date:

02/11/2012

Completed Activity Actual End Date:
Responsible Organization:

Town of Blenheim

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$40,807.32
Total Budget	\$0.00	\$40,807.32
Total Obligated	\$0.00	\$40,807.32
Total Funds Drawdown	\$0.00	\$40,807.32
Program Funds Drawdown	\$0.00	\$40,807.32
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$40,807.32
Town of Blenheim	\$0.00	\$40,807.32
Most Impacted and Distressed Expended	\$0.00	\$40,807.32
Match Contributed	\$0.00	\$0.00

Activity Description:

Cole Hollow Road appears on the NYS DOT Local Road Listing as ID# 217648 assigned to the Town of Blenheim. The Town of Blenheim is legally responsible for the maintenance of this road. Cole Hollow road was impassible to residents and emergency vehicles beyond the location of the washed out culvert pipe. Residents living along Cole Hollow Road were stranded without a safe route of entry to or egress from their homes. A state of emergency was declared by action of the town board on August 31. The state of emergency declaration authorized the Town Supervisor to enter into emergency contracts to make necessary flood related repairs. A memo-to-file was written by the Town Supervisor documenting the decision to enter into an emergency contract with Lancaster as necessary to maintaining the health and safety of the community (attachment #1). On September 1, the Town Supervisor entered into an emergency contract with Lancaster Development Inc. to make repairs to Cole Hollow Road (attachment #2). Lancaster was selected based on their capability to mobilize quickly and complete the emergency repairs in a cost effective and timely manner. The contract specifies payment to be made to Lancaster on a "time and materials" basis. The Town Supervisor and Highway Supervisor toured the site with Lancaster personnel and provided direction on the scope of the repairs being authorized. A second flood event, associated with the remnants of Tropical Storm Lee, was anticipated. This led the Town Supervisor to request that the emergency repairs include additional measures (e.g. replacing lost stream bank stabilization stone, repairing the culvert head and tail walls) to prevent further damage should a second major flood occur. The scope of repairs authorized is consistent with returning the site to its pre disaster design, capacity and function with the exception of: 1) chip seal pavement repair, 2) guard rail replacement and 3) replacement for the damaged 12 foot metal squash pipe culvert 40 feet long. A replacement in kind for the damaged pipe could not be obtained. Other temporary options to replace the culvert pipe were considered and rejected due to inadequate water carrying capacity of the available pipe. The Town Supervisor reluctantly authorized Lancaster to reinstall the damaged pipe as a temporary measure to allow the road to be reopened. The Town Highway Supervisor and/or the Town Supervisor were onsite every day the contractor worked to

monitor progress and ensure the repairs being made were consistent with the town's direction on the scope work. The Town Highway Supervisor or the Town Supervisor signed off on the contractors daily work summaries to approve them as the basis for billing (attachment #3). Lancaster charged the Town of Blenheim \$42,442.06 for Labor, \$83,572.61 for Materials and \$32,987.83 for Equipment for a total charge of \$158,982.50 under the "time and materials" based emergency contract. An invoice summary sheet is attached (attachment #4). A credit invoice for \$714.22 was received on 10/27/2011 correcting a discrepancy in equipment charges. As a result Equipment charges were reduced to \$32,273.61 and total charges reduced to \$158,268.28. A copy of the credit invoice and a revised summary of equipment charges is attached (attachment #5). Lancaster used 498.25 hours of straight time 268.5 hours of overtime labor to complete the work. A daily log of hours worked by day, by employee, was provided (attachment #6). Lancaster used 533.5 hours of equipment time and 29 hours of equipment standby time to complete the work. A log of equipment hours charged by day, by piece of equipment used, was provided; standby time was not charged in excess of active use time on any day to comply with FEMA reimbursement guidelines. Standby time was billed at a lower rate. A summary sheet is included which details the calculation of equipment charges (attachment #7). Equipment charges are based on "Equipment Watch Rental Blue Book Rates" (attachment #9). Lancaster used 3760 tons of various stone grades to complete the work. This material usage summarized by material type, by day, is described in the material summary sheet A summary of material charges based on usage is provided (attachment #8). Copies of material load slips too numerous to scan are on file with the applicant. Direct administrative costs have been inducted for Simmons Recovery consulting charges associated with developing this PW (attachment #10). Project related costs have been included for Simmons Recovery Consulting charges associated with executing this project (attachment #11). A copy of Simmons Recovery Consulting contract with the applicant is attached (attachment #12). Proof of payment documentation for work complete in the amount of \$157,982 has been included with this PW at the time of submittal to FEMA

Location Description:

Cole Hollow Road

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	1042DR4DX-12
Activity Title:	Debris Removal

Activity Category:

Debris removal

Project Number:

1042DR4-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Low/Mod

Activity Status:

Completed

Project Title:

Schoharie County

Projected End Date:

05/16/2012

Completed Activity Actual End Date:
Responsible Organization:

Town of Broome

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$456.43
Total Budget	\$0.00	\$456.43
Total Obligated	\$0.00	\$456.43
Total Funds Drawdown	\$0.00	\$456.43
Program Funds Drawdown	\$0.00	\$456.43
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$456.43
Town of Broome	\$0.00	\$456.43
Most Impacted and Distressed Expended	\$0.00	\$456.43
Match Contributed	\$0.00	\$0.00

Activity Description:

To restore Armlin Road to its pre-disaster conditions, it was necessary to remove approximately 75 CY of woody debris along a 0.5 mile stretch of road. ALL woody debris was chipped and left on site (approx. loc: 42.53134, -74.33189) for public use.

3 employees of the Town of Broome expended 96 hours of FORCE ACCOUNT LABOR REG TIME and 19 hours of FORCE ACCOUNT LABOR OVERTIME to cut and chip woody debris (See attached FORCE ACCOUNT LABOR RECORD for details). Payment policy and time sheets are attached.

The sub-grantee spent 39 hours of FORCE ACCOUNT EQUIPMENT time on a 125-HP Chipper to chip the approx. 75 CY of woody debris (see attached FORCE ACCOUNT EQUIPMENT RECORD for breakdown of equipment description and usage).

The sub-grantee did not make a claim for chain saws or other cutting equipment. Trucks and other vehicles used for permanent work were accounted for in PW Ref No. 1015422.

The sub-grantee submitted Costs for Direct Administration in the amount of \$120.24 for time spent on supporting documentation support (see attachment for breakdown of hours and equipment).

Location Description:

Town Wide

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	1042DR4DY-12
Activity Title:	Debris Removal

Activity Category:

Debris removal

Project Number:

1042DR4-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Low/Mod

Activity Status:

Completed

Project Title:

Schoharie County

Projected End Date:

06/14/2012

Completed Activity Actual End Date:
Responsible Organization:

Town of Broome

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$287.06
Total Budget	\$0.00	\$287.06
Total Obligated	\$0.00	\$287.06
Total Funds Drawdown	\$0.00	\$287.06
Program Funds Drawdown	\$0.00	\$287.06
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$287.06
Town of Broome	\$0.00	\$287.06
Most Impacted and Distressed Expended	\$0.00	\$287.06
Match Contributed	\$0.00	\$0.00

Activity Description:

This PW is written to capture the cost of debris removed from the road at this site as follows:

- Chipped in place trees and tree stumps by chipper..
- Removed tree and other vegetation debris from the road.

For the restoration of road to pre-disaster condition, refer to pw1015421

According to Applicant's Procurement Policy (attached), no solicitations of written quotations are required for "Emergencies"

Additionally, Non-competitive Procurement is allowed if "there is an emergency requirement that will not permit delay in competition" (Re: Public Assistance Guide, FEMA 322/June 2007-page 52)

This damaged road is not a Federal Aid road and not eligible for FHWA funding. Applicant is responsible for the maintenance of the road.

It is recommended that the Applicant, work and cost are eligible for Public Assistance (Re: Public Assistance Guide- FEMA 322/June 2007-pages 22-66)

Location Description:

Town Wide

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	1042DR4DZ-12
Activity Title:	Debris Removal

Activity Category:

Debris removal

Project Number:

1042DR4-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Low/Mod

Activity Status:

Completed

Project Title:

Schoharie County

Projected End Date:

07/02/2012

Completed Activity Actual End Date:
Responsible Organization:

Town of Broome

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$4,926.75
Total Budget	\$0.00	\$4,926.75
Total Obligated	\$0.00	\$4,926.75
Total Funds Drawdown	\$0.00	\$4,926.75
Program Funds Drawdown	\$0.00	\$4,926.75
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$4,926.75
Town of Broome	\$0.00	\$4,926.75
Most Impacted and Distressed Expended	\$0.00	\$4,926.75
Match Contributed	\$0.00	\$0.00

Activity Description:

This PW is written to capture the cost of debris to be removed from the road and stream at this site as follows (Re: CostWorks Sheets attached):

- Remove trees from road and stream using chain saw and chipper and dispose off in-place.

Up to 6 IN diameter tree: 17 EA @ \$267 = \$4,539.00

8 IN to 12 IN diameter tree: 13 EA @ \$400 = \$5,200.00

14 IN to 24 IN diameter tree: 11 EA @ \$480 = \$5,280.00

Sub-total trees removal \$15,019.00

Selective clearing and grubbing tree trunks using 1 1/2 CY excavator and disposing off in-place:

4 IN to 6 IN diameter stump: 17 EA @ \$47 = \$799.00

8 IN to 12 IN diameter stump: 11 EA @ \$127 = \$1,651.00

14 IN to 24 IN diameter stump: 11 EA @ \$167 = \$1,837.00

Sub-total Stumps Removal 4,287.00

BF Sub-total trees Removal \$15,019.00

Total Trees and Stumps \$19,306.00

[For the restoration of road to pre-disaster condition, refer to PW-1015410 (Category C)]

This damaged road is not a Federal Aid road and not eligible for FHWA funding. Applicant is responsible for the maintenance of the road.

It is recommended that the Applicant, work and cost are eligible for Public Assistance (Re: Public Assistance Guide- FEMA 322/June 2007-pages 22-66)

Location Description:

Town Wide

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	1042DR4E-12
Activity Title:	Debris Removal

Activity Category:

Debris removal

Project Number:

1042DR4-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Low/Mod

Activity Status:

Completed

Project Title:

Schoharie County

Projected End Date:

07/18/2012

Completed Activity Actual End Date:
Responsible Organization:

Schoharie County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$582.85
Total Budget	\$0.00	\$582.85
Total Obligated	\$0.00	\$582.85
Total Funds Drawdown	\$0.00	\$582.85
Program Funds Drawdown	\$0.00	\$582.85
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$582.85
Schoharie County	\$0.00	\$582.85
Most Impacted and Distressed Expended	\$0.00	\$582.85
Match Contributed	\$0.00	\$0.00

Activity Description:

To remove the immediate threat posed by the debris the applicant will utilize force account and/or, following their procurement policy, will obtain a contract vendor to do the following work.

Site # 14, Remove and Dispose of Vegetative Debris, 59.2cy.

Difficult access to culvert therefore a unit cost of \$37 per CY was used.

Location Description:

County Wide

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	1042DR4F-12
Activity Title:	Debris Removal

Activity Category:

Debris removal

Project Number:

1042DR4-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Low/Mod

Activity Status:

Completed

Project Title:

Schoharie County

Projected End Date:

05/04/2012

Completed Activity Actual End Date:
Responsible Organization:

Schoharie County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$27,850.31
Total Budget	\$0.00	\$27,850.31
Total Obligated	\$0.00	\$27,850.31
Total Funds Drawdown	\$0.00	\$27,850.31
Program Funds Drawdown	\$0.00	\$27,850.31
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$27,850.31
Schoharie County	\$0.00	\$27,850.31
Most Impacted and Distressed Expended	\$0.00	\$27,850.31
Match Contributed	\$0.00	\$0.00

Activity Description:

To protect the safety, health and welfare of the community from mold and other issues related to flood contaminated debris, county residence were advised by Schoharie County officials to bring all flood debris to the curb or to a debris staging area for disposal during the month of November 2011.

The County Board of Supervisors adapted a Motion to fund the cost of flood debris collection, process and disposal for County residents, to be added to the existing MOSA Solid Waste Management Authority contract. Residents processed flood debris through the MOSA Waste Management Facility, at County expense, and can do so until December 31st, 2011, per the Motion passed by the Schoharie County Board of Supervisors.

The MOSA Solid Waste Facility located at 2783 Route 7, Howes Cave, NY 12092 (42.68361, -74.40306), processed 10,047.86 tons of debris during the month of November. MOSA Solid Waste Management disposal and tipping fees were consistent with current contract pricing.

MOSA is a Solid Waste Management Authority, which serves the counties of Montgomery, Otsego, Schoharie and Albany.

MOSA's current disposal contractor is WeCare Recycling in Jordan, NY and the Landfill subcontractor is Seneca Meadows.

During the month of November, MOSA collected the flood contaminated debris from curbside and at the debris staging sites for Schoharie County.

4 staging areas were setup for residents to deposit flood debris for pickup and disposal

Site 1, located at 256 Main St., in the Village of Schoharie (42.66022, -74.31593) was established with a Right-of-Entry agreement with the owner, Mr. Mark VanWoeart, for residential flood debris drop-off and processing.

Site 2, located at Steuben St., in the Town of Esperance (42.75909, -74.26032) was established with a Right-of-Entry agreement with the owner, Boise Smith, for local resident flood debris drop-off and processing.

Site 3, Town of Esperance Transfer Station, located on Rte. 30, approximately 1 mile south of Sloansville, NY (42.74994, 74.32574) on Town of Esperance property, for residents to drop off flood contaminated debris to be processed through MOSA.

Site 4, Village of Middleburg Temporary Transfer Station located at the Municipal Parking Lot, 104 Pool Lane (42.59778, - 7433584) on Village owned property for drop-off of flood related debris from residents for MOSA processing. MOSA deployed numerous Roll-off dumpsters along streets within the communities of Schoharie County, including the Villages of Middleburg, Schoharie, Esperance and Gallupville. These dumpsters were filled by residents that were unable to transport flood debris to the staging areas. Due to the large increase of flood debris volume requiring processing by MOSA, additional dump trailers and roll-off dumpsters were rented by MOSA. Extra loading equipment and operators were contracted by MOSA for the debris loading and processing at the 4 temporary staging areas. Contractors Ron Allen Trucking and Blue Heron Construction were assigned under contract for processing the volume of debris at Schoharie, Esperance and curb-side, with additional loading equipment totalling \$5,918.40. Road closures and detours caused a delay in routing debris to Seneca Meadows landfill and slowing the turn-around time of haulers. To increase processing and reduce trailer/equipment return time, MOSA contracted with Fulton County Landfill as an alternate disposal location.

Location Description:

County Wide

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	1042DR4FW-12
Activity Title:	Debris Removal

Activity Category:

Debris removal

Project Number:

1042DR4-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Low/Mod

Activity Status:

Completed

Project Title:

Schoharie County

Projected End Date:

05/08/2012

Completed Activity Actual End Date:
Responsible Organization:

Town of Fulton

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$2,071.22
Total Budget	\$0.00	\$2,071.22
Total Obligated	\$0.00	\$2,071.22
Total Funds Drawdown	\$0.00	\$2,071.22
Program Funds Drawdown	\$0.00	\$2,071.22
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$2,071.22
Town of Fulton	\$0.00	\$2,071.22
Most Impacted and Distressed Expended	\$0.00	\$2,071.22
Match Contributed	\$0.00	\$0.00

Activity Description:

PA-02-NY-4020-PW-05689

8-30-11: Following the disaster, the Applicant used FA labor and equipment for storm recovery operations. To expedite tree removal thereby reducing safety threats to vehicular traffic, the Applicant hired a local tree removal contractor (John's Firewood and Tree Service, Middleburgh, NY) to cut both leaning trees. The contract cost was \$750.00.

9-9-11: The Applicant used 2 employees X 2 HRs each = 4 HRs to remove wood debris along road side that presented hazards, left by tree service contractor. One employee was on regular time; therefore, his wages were not eligible for reimbursement (Category A project). The other employee was on overtime, at a cost of \$29.90/HR X 2 HRs = \$59.80. Equipment = 4 HRs, at cost of \$276.00 (2 HRs – backhoe X \$33.00/HR = \$66.00; 2 HRs – tri-axle dump truck X \$105.00/HR = \$210.00. The wood was stock-piled along the road for removal by area residents.

PA-02-NY-4020-PW-03432

To remove the imminent threat posed by the debris the applicant will utilize force account and/or, following their procurement policy, will obtain a contract vendor to do the following work.

Site # 4, Remove and Dispose of 185cy of Vegetative Debris

Difficult access, so \$37 per cy was selected.

The removal of the upstream gravel deposit 40ft x 20ft x 3ft is ineligible since it does not create an immediate threat to improved property in an five year flood.

Location Description:

Town Wide

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	1042DR4G-12
Activity Title:	Debris Removal

Activity Category:

Debris removal

Project Number:

1042DR4-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Low/Mod

Activity Status:

Completed

Project Title:

Schoharie County

Projected End Date:

11/28/2012

Completed Activity Actual End Date:
Responsible Organization:

Schoharie County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$45,628.41
Total Budget	\$0.00	\$45,628.41
Total Obligated	\$0.00	\$45,628.41
Total Funds Drawdown	\$0.00	\$45,628.41
Program Funds Drawdown	\$0.00	\$45,628.41
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$45,628.41
Schoharie County	\$0.00	\$45,628.41
Most Impacted and Distressed Expended	\$0.00	\$45,628.41
Match Contributed	\$0.00	\$0.00

Activity Description:

To protect the safety, health and welfare of the community from mold and other issues related to flood contaminated debris, county residence were advised by Schoharie County officials to bring all flood debris to the curb or to a debris staging area for disposal during the month of October 2011. The County Board of Supervisors adapted a Motion to fund the cost of flood debris collection, process and disposal for County residents, to be added to the existing MOSA Solid Waste Management Authority contract. Residents processed flood debris through the MOSA Waste Management Facility, at County expense, and can do so until December 31st, 2011, per the Motion passed by the Schoharie County Board of Supervisors. The MOSA Solid Waste Facility located at 2783 Route 7, Howes Cave, NY 12092 (42.68361, -74.40306), processed 1,983.38 tons of debris during the month of October 2011. MOSA Solid Waste Management disposal and tipping fees were consistent with current contract pricing. MOSA is a Solid Waste Management Authority, which serves the counties of Montgomery, Otsego, Schoharie and Albany. MOSA's current disposal contractor is WeCare Recycling in Jordan, NY and the Landfill subcontractor is Seneca Meadows. During the month of October, MOSA collected the flood contaminated debris from curbside and at the debris staging sites for Schoharie County. 4 staging areas were setup for residents to deposit flood debris for pickup and disposal. Site 1, located at 256 Main St., in the Village of Schoharie (42.66022, -74.31593) was established with a Right-of-Entry agreement with the owner, Mr. Mark VanWoeart, for residential flood debris drop-off and processing. Site 2, located at Steuben St., in the Town of Esperance (42.75909, -74.26032) was established with a Right-of-Entry agreement with the owner, Boise Smith, for local resident flood debris drop-off and processing. Site 3, Town of Esperance Transfer Station, located on Rte. 30, approximately 1 mile south of Sloansville, NY (42.74994, 74.32574) on Town of Esperance property, for residents to drop off flood contaminated debris to be processed through MOSA. Site 4, Village of Middleburg Temporary Transfer Station located at the Municipal Parking Lot, 104 Pool Lane (42.59778, -74.33584) on Village owned property for drop-off of flood related debris from residents for MOSA



processing.

MOSA deployed numerous Roll-off dumpsters along streets within the communities of Schoharie County, including the Villages of Middleburg, Schoharie, Esperance and Gallupville. These dumpsters were filled by residents that were unable to transport flood debris to the staging areas.

Due to the large increase of flood debris volume requiring processing by MOSA, additional dump trailers and roll-off dumpsters were rented by MOSA. Extra loading equipment and operators were contracted by MOSA for the debris loading and processing at the 4 temporary staging areas, with additional loading equipment totaling \$9,860.00.

Site monitoring was done randomly and unannounced, to ensure site personnel were diligent on the type of debris processed.

All asbestos relate disposal was handled on a case by case basis, at the MOSA facility, in conjunction with EPA representatives.

A total of 1,983.38 tons of flood debris was processed by MOSA during the month of October 2011, at a cost of \$166,953.66.

MOSA Solid Waste Management complies with all necessary regulations for waste disposal.

Applicant will be incurring Direct Administrative Costs (DAC) and that the eligible costs will be reconciled at close out, is required and acceptable

Location Description:

County Wide

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	1042DR4H-12
Activity Title:	Debris Removal

Activity Category:

Debris removal

Project Number:

1042DR4-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Low/Mod

Activity Status:

Completed

Project Title:

Schoharie County

Projected End Date:

06/28/2012

Completed Activity Actual End Date:
Responsible Organization:

Schoharie County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$26,206.37
Total Budget	\$0.00	\$26,206.37
Total Obligated	\$0.00	\$26,206.37
Total Funds Drawdown	\$0.00	\$26,206.37
Program Funds Drawdown	\$0.00	\$26,206.37
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$26,206.37
Schoharie County	\$0.00	\$26,206.37
Most Impacted and Distressed Expended	\$0.00	\$26,206.37
Match Contributed	\$0.00	\$0.00

Activity Description:

Removed woody debris pile ups in stream where required (under general emergency permit issued by the State in effect at time of the work), depositing some woody debris along the bank, and hauling the larger woody debris to a private land owner's property near the creek, where the local land owners cut up for winter fire wood or mulch. Approximately 2,300 CY of woody debris was relocated.

The subgrantee requested direct administrative costs that are directly chargeable to this specific project. Associated eligible work is related administration of the PA project only and in accordance with 44 CFR 13.22. These costs are treated consistently and uniformly as direct costs in all federal awards and other subgrantee activities and are not included in any approved indirect cost rates.

Location Description:

County Wide

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	1042DR4I-12
Activity Title:	Debris Removal

Activity Category:

Debris removal

Project Number:

1042DR4-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Low/Mod

Activity Status:

Completed

Project Title:

Schoharie County

Projected End Date:

02/11/2012

Completed Activity Actual End Date:
Responsible Organization:

Schoharie County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$271,731.38
Total Budget	\$0.00	\$271,731.38
Total Obligated	\$0.00	\$271,731.38
Total Funds Drawdown	\$0.00	\$271,731.38
Program Funds Drawdown	\$0.00	\$271,731.38
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$271,731.38
Schoharie County	\$0.00	\$271,731.38
Most Impacted and Distressed Expended	\$0.00	\$271,731.38
Match Contributed	\$0.00	\$0.00

Activity Description:

To protect the safety, health and welfare of the community from mold and other issues related to flood contaminated debris, County residence were advised by Schoharie County officials to bring all flood debris to the curb or to a debris staging area for disposal.

The County Board of Supervisors adapted a Motion to fund the cost of flood debris collection, process and disposal for County residents, to be added to the existing MOSA Solid Waste Management Authority contract. Residents processed flood debris through the MOSA Waste Management Facility, at County expense, and can do so until December 31st, 2011, per the Motion passed by the Schoharie County Board of Supervisors.

The MOSA Solid Waste Facility located at 2783 Route 7, Howes Cave, NY 12092 (42.68361, -74.40306), processed 10,047.86 tons of debris during the month of September. MOSA Solid Waste Management disposal and tipping fees were consistent with current contract pricing.

MOSA is a Solid Waste Management Authority, which serves the counties of Montgomery, Otsego, Schoharie and Albany.

MOSA's current disposal contractor is WeCare Recycling in Jordan, NY and the Landfill subcontractor is Seneca Meadows.

During the month of September, directly following the incident, MOSA was mobilized to collect the flood contaminated debris from curbside and at the debris staging sites for Schoharie County.

4 staging areas were setup for residents to deposit flood debris for pickup and disposal

Site 1, located at 256 Main St., in the Village of Schoharie (42.66022, -74.31593) was established with a Right-of-Entry agreement with the owner, Mr. Mark VanWoeart, for residential flood debris drop-off and processing.

Site 2, located at Steuben St., in the Town of Esperance (42.75909, -74.26032) was established with a Right-of-Entry agreement with the owner, Boise Smith, for local resident flood debris drop-off and processing.

Site 3, Town of Esperance Transfer Station, located on Rte. 30, approximately 1 mile south of Sloansville, NY (42.74994, 74.32574) on Town of Esperance property, for residents to drop off flood contaminated debris to be processed through MOSA.

Site 4, Village of Middleburg Temporary Transfer Station located at the Municipal Parking Lot, 104 Pool Lane (42.59778, - 7433584) on Village owned property for drop-off of flood related debris from residents for MOSA processing. MOSA deployed numerous Roll-off dumpsters along streets within the communities of Schoharie County, including the Villages of Middleburg, Schoharie, Esperance and Gallupville. These dumpsters were filled by residents that were unable to transport flood debris to the staging areas.

Due to the large increase of flood debris volume requiring processing by MOSA, additional dump trailers and roll-off dumpsters were rented by MOSA. Extra loading equipment and operators were contracted by MOSA for the debris loading and processing at the 4 temporary staging areas. Contractors Ron Allen Trucking and Blue Heron Construction were assigned under contract for processing the volume of debris at Schoharie, Esperance and curb-side. Contractor costs totalled \$295,469.50, with additional loading equipment totalling \$13,477.60.

Road closures and detours caused a delay in routing debris to Seneca Meadows landfill and slowing the turn-around time of haulers. To increase processing and reduce trailer/equipment return time, MOSA contracted with Fulton County Landfill as an alternate disposal location.

Debris collection and disposal was monitored during the first few weeks (Debris monitoring will be included in a separate PW), to insure only flood related debris was being processed. Site monitoring was done randomly and unannounced, to ensure site personnel were diligent on the type of debris processed. All asbestos relate disposal was handled on a case by case basis, at the MOSA facility, in conjunction with EPA representatives.

A total of 10,047.86 tons of flood debris(type of debris were C and D with white goods and vegetative mixture)was processed by MOSA during the month of September 2011, at a cost of \$774,335.94.

MOSA Solid Waste Management complies with all necessary regulations for waste disposal.

Applicant will be incurring Direct Administrative Costs (DAC) and that the eligible costs will be reconciled at close out, is required and acceptable.

Location Description:

County Wide

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	1042DR4J-12
Activity Title:	Little Schoharie Creek

Activity Category:

Dike/dam/stream-river bank repairs

Project Number:

1042DR4-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Low/Mod

Activity Status:

Completed

Project Title:

Schoharie County

Projected End Date:

09/17/2012

Completed Activity Actual End Date:
Responsible Organization:

Schoharie County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$2,921.16
Total Budget	\$0.00	\$2,921.16
Total Obligated	\$0.00	\$2,921.16
Total Funds Drawdown	\$0.00	\$2,921.16
Program Funds Drawdown	\$0.00	\$2,921.16
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$2,921.16
Schoharie County	\$0.00	\$2,921.16
Most Impacted and Distressed Expended	\$0.00	\$2,921.16
Match Contributed	\$0.00	\$0.00

Activity Description:

Work consisted of utilizing applicant's contractor, Ketco Inc, to rechannel Little Schoharie Creek back to its original bed, with its embankments temporarily bermed and a channel dug out to prevent similar damages in a forecasted upcoming event (Tropical Storm Lee). All trees and woody vegetation was placed along Huntersland Road (see pictures) for natural habitat and to protect the road from erosion.

This action was required because the new path Schoharie Creek took during the flooding was destroying Grimley Bridge (Permanent bridge repairs see PW #2602, Reference #BG57-1), having already destroyed the footings and the North East approach of the bridge, dropping the bridge by 3 ft to 4 ft, and closing it to traffic. To allow this new creek path to continue would have destroyed the bridge and its approach completely. The applicant obtained permits for the work captured in this subgrant application from The NY Department of Environmental Conservation and The US Army Corps of Engineers (approved permits copies are attached).

Location of the Emergency Protective Measures captured in this subgrant application is referenced on attached location and aerial map, with GPS readings logged at the work site.

Due to the time urgency of this project, the applicant utilized contractor Ketco, Inc, on a time and materials contract containing a not to exceed clause for this project. Copies of contract, activity logs, invoices, and insurance requirements are attached.

Location Description:

Little Schoharie Creek

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	1042DR4K-12
Activity Title:	Restored Stream

Activity Category:

Dike/dam/stream-river bank repairs

Project Number:

1042DR4-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Low/Mod

Activity Status:

Completed

Project Title:

Schoharie County

Projected End Date:

10/16/2012

Completed Activity Actual End Date:

Responsible Organization:

Schoharie County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$3,488.37
Total Budget	\$0.00	\$3,488.37
Total Obligated	\$0.00	\$3,488.37
Total Funds Drawdown	\$0.00	\$3,488.37
Program Funds Drawdown	\$0.00	\$3,488.37
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$3,488.37
Schoharie County	\$0.00	\$3,488.37
Most Impacted and Distressed Expended	\$0.00	\$3,488.37
Match Contributed	\$0.00	\$0.00

Activity Description:

Removed scour material and restored stream to predisaster condition. Removed debris and reggraded 4 acres to drain through culvert. The culvert was not damaged. All work was done by contract awarded through open competitive bid.

Location Description:

Restored stream

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	1042DR4L-12
Activity Title:	Keyserkill Road

Activity Category:

Construction/reconstruction of streets

Project Number:

1042DR4-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Low/Mod

Activity Status:

Completed

Project Title:

Schoharie County

Projected End Date:

09/24/2012

Completed Activity Actual End Date:
Responsible Organization:

Schoharie County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$9,476.57
Total Budget	\$0.00	\$9,476.57
Total Obligated	\$0.00	\$9,476.57
Total Funds Drawdown	\$0.00	\$9,476.57
Program Funds Drawdown	\$0.00	\$9,476.57
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$9,476.57
Schoharie County	\$0.00	\$9,476.57
Most Impacted and Distressed Expended	\$0.00	\$9,476.57
Match Contributed	\$0.00	\$0.00

Activity Description:

Schoharie County took emergency action to complete temporary repairs, for the safety of the public, by contracting Carver Construction, Inc., to repair Keyserkill Road pavement, 125ft X 24ft X .25 = 750SF/27 = 27.8CY X factor 2 = 55.6 tons of asphalt binder; 125ft X 24ft X .167ft = 501CF/27 = 18.6CY X factor 2 = 37.2 tons of top course. Carver also repaired the scoured embankment with fill, 58ft X 48ft X 3ft = 8,352CF/27 = 309.3CY and replacing the lost rip-rap, 58ft X 48ft X 3ft = 8,352CF/27 = 309.3CY as well as rip-rap on the upstream side, 20ft X 6ft X 2ft = 360CF/27 = 13.3CY.

Location Description:

Keyserkill Road

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources	Amount
No Other Funding Sources Found	
Total Other Funding Sources	



Grantee Activity Number:	1042DR4M-12
Activity Title:	Huntersland Road

Activity Category:

Construction/reconstruction of streets

Project Number:

1042DR4-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Low/Mod

Activity Status:

Completed

Project Title:

Schoharie County

Projected End Date:

12/17/2012

Completed Activity Actual End Date:

Responsible Organization:

Schoharie County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$922.25
Total Budget	\$0.00	\$922.25
Total Obligated	\$0.00	\$922.25
Total Funds Drawdown	\$0.00	\$922.25
Program Funds Drawdown	\$0.00	\$922.25
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$922.25
Schoharie County	\$0.00	\$922.25
Most Impacted and Distressed Expended	\$0.00	\$922.25
Match Contributed	\$0.00	\$0.00

Activity Description:

Schoharie County took Emergency Protective Measures when they utilized Force Account Labor and Equipment to install a total of 16ea 20ft concrete Jersey Barriers in two locations on CR-21, Huntersland Road. These two locations were at the GPS noted above and GPS location 42.58502 -74.286

Location Description:

Huntersland Road

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	1042DR4N-12
Activity Title:	Stryker Road

Activity Category:

Construction/reconstruction of streets

Project Number:

1042DR4-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Low/Mod

Activity Status:

Completed

Project Title:

Schoharie County

Projected End Date:

12/17/2012

Completed Activity Actual End Date:
Responsible Organization:

Schoharie County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$849.42
Total Budget	\$0.00	\$849.42
Total Obligated	\$0.00	\$849.42
Total Funds Drawdown	\$0.00	\$849.42
Program Funds Drawdown	\$0.00	\$849.42
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$849.42
Schoharie County	\$0.00	\$849.42
Most Impacted and Distressed Expended	\$0.00	\$849.42
Match Contributed	\$0.00	\$0.00

Activity Description:

Schoharie County Department of Public Works took emergency measures to keep Stryker Road open by using Force Account Labor and Equipment to replace the damaged wall around the twin 30in CMP culvert outlet.

The stacked stone, 39ft X 1.5ft X 10ft = 585CF/27 = 21.7CY was replaced, filled with medium rip-rap, 45ft X 3ft X 4ft = 573.8CF/27 = 21.3CY and topped with crusher run and shoulders, 75ft X 5ft X .5ft = 187.5CF/27 = 6.9CY X 2 sides = 13.8CY.

Force Account Labor = 11 people, 74 regular time hours for \$0.0

Force Account Equipment = 3 pieces for 27 hours for a total of \$1,145.00

Materials = 21.7CY of stackable stone, 29.8CY of medium rip-rap and 19.4CY of crusher run for a total of \$1,459.16

Rental Equipment = 1 piece for 11 hours for \$245.52

TOTAL COST FOR THIS PROJECT = \$2,849.68 not counting Direct Administrative Costs

Location Description:

Stryker Road

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	1042DR40-12
Activity Title:	Jersey Barriers

Activity Category:

Construction/reconstruction of streets

Project Number:

1042DR4-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Low/Mod

Activity Status:

Completed

Project Title:

Schoharie County

Projected End Date:

07/02/2012

Completed Activity Actual End Date:
Responsible Organization:

Schoharie County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$22,253.75
Total Budget	\$0.00	\$22,253.75
Total Obligated	\$0.00	\$22,253.75
Total Funds Drawdown	\$0.00	\$22,253.75
Program Funds Drawdown	\$0.00	\$22,253.75
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$22,253.75
Schoharie County	\$0.00	\$22,253.75
Most Impacted and Distressed Expended	\$0.00	\$22,253.75
Match Contributed	\$0.00	\$0.00

Activity Description:

1 Mattice road GPS 42.48528-74.26748 (1) x 20 ft straight (20 ft total)
2 Bear Ladder Rd GPS 42.49211 -74.43655 (11) x 20 ft straights, plus 20 ft RH downturn. (240 ft total)
3 Creek Rd GPS 42.74006-74.31061 (3) 20'straights plus (1) Rh 20 ft down turn and (1) LH 20 ft downturn. (100 ft total)
4 Beards Hollow Rd. GPS 42.61673 -74.53892 (5) x 20 ft straights, plus (1) Rh 20 ft down turn and (1) LH 20 ft downturn (140 ft total)
5 Keyserkill location 1 GPS 42.49302 -74.36684 (11) x 20 ft plus (1) Rh 20 ft down turn and (1) LH 20 ft downturn (260 ft total)
6 Keyserkill location 2 GPS 42.49232 -74.36517 (14) x 20 ft straights, plus (1) LH 20 ft downturn (300 ft total)
7 Flat Creek GPS 42.41419 -74.41949 (4) x 20 ft straights, plus (1) RH 20 ft down turn and (1) LH 20' down turn (120 ft total)
8 Keyserkill Rd GPS 42.51299 -74.37892 (11) x 20 ft straights. (1) LH downturn x 20 ft, (1) RH downturn x 20 ft. (total 260 ft)
9 Huntersland-1 GPS 42.58502 -74.28634 (5) x 20 ft straights, (1) LH downturn x 20 ft, (1) RH downturn x 20 ft. (total 140 ft)
10 Wharton Hollow 1 GPS 42.5261 -74.56727 (4) x 20 ft straights (80 ft total)
11 Huntersland-2 GPS 42.58519 -74.28888 (9) x 20 ft straights, (1) LH downturn x 20 ft (total 200 ft)
12 Wharton Hollow 2 GPS 42.50822 -74.55187 (13) x 20 ft straights, (1) LH downturn x 20 ft. (1) RH downturn x 20 (total 300 ft)
Total 91 straights (1820 ft total) + 9 LH downturns (180 ft total) & 8 RH (160 ft total). 108 pieces total (2160 ft total)/ 6 per load = 18 loads shipping.



Location Description:

Various Roads-temporary Jersey barriers

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources**Amount**

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	1042DR4P-12
Activity Title:	Flat Creek Road

Activity Category:

Construction/reconstruction of streets

Project Number:

1042DR4-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Low/Mod

Activity Status:

Completed

Project Title:

Schoharie County

Projected End Date:

07/02/2012

Completed Activity Actual End Date:
Responsible Organization:

Schoharie County

Overall
Total Projected Budget from All Sources
Oct 1 thru Dec 31, 2019

N/A

To Date

\$22,813.80

Total Budget

\$0.00

\$22,813.80

Total Obligated

\$0.00

\$22,813.80

Total Funds Drawdown

\$0.00

\$22,813.80

Program Funds Drawdown

\$0.00

\$22,813.80

Program Income Drawdown

\$0.00

\$0.00

Program Income Received

\$0.00

\$0.00

Total Funds Expended

\$0.00

\$22,813.80

Schoharie County

\$0.00

\$22,813.80

Most Impacted and Distressed Expended

\$0.00

\$22,813.80

Match Contributed

\$0.00

\$0.00

Activity Description:

Schoharie County took emergency protective measures by contracting with KeWtco Inc., to purchase, haul and place large rip-rap where the road embankment was sloughing, 75ft X 50ft X 3.5ft = 13.125CF/27 = 486CY, stopping the sloughing before it reached the road. The Applicant utilized contract labor and equipment to place 37.9CY of crush and run to fill in where the cracks were to keep the road open, 20ft X 24ft X 1ft = 17.8CY, 20ft X 22ft X .5ft = 8.2CY and 32ft X 20ft X .5ft = 11.9CY. When the road continued to deteriorate, 2 20ft Jersey Barriers were placed at each end of the damaged area and barrels at the intersections on either side of the damage to close CR-17, Flat Creek Road. (SEE BACKUP PAGE FOR R.S. MEANS, 1st QUARTER 2012, ALBANY, NEW YORK ESTIMATES)

Location Description:

Flat Creek Road

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Project # / 1142DR5-12 / Tioga County

Grantee Activity Number: 1142DR5A-12

Activity Title: Debris Removal

Activity Category:

Debris removal

Project Number:

1142DR5-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Tioga County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:

Responsible Organization:

Tioga County

Overall

Total Projected Budget from All Sources

Oct 1 thru Dec 31, 2019

N/A

To Date

\$11,146.50

Total Budget

\$0.00

\$11,146.50

Total Obligated

\$0.00

\$11,146.50

Total Funds Drawdown

\$0.00

\$11,146.50

Program Funds Drawdown

\$0.00

\$11,146.50

Program Income Drawdown

\$0.00

\$0.00

Program Income Received

\$0.00

\$0.00

Total Funds Expended

\$0.00

\$11,146.50



Tioga County2	\$0.00	\$11,146.50
Most Impacted and Distressed Expended	\$0.00	\$11,146.50
Match Contributed	\$0.00	\$0.00

Activity Description:

The debris basins were constructed in the 1960s and have been maintained by Tioga County Soil and Water. The subgrantee has performed maintenance on the basins in 1999 and in 2007. The subgrantee also performs regular inspections of the basins. The debris basins protect improved property located downstream of the structures.

The subgrantee is authorized to work with local land owners to protect the water resources of the county for such work as erosion and sediment control, water quality management and non-point sources of pollution.

The Tioga County resolution number 229-78, dated November 13, 1978 is attached. Also attached is a copy of the Consolidated Laws of NYS Chapter 9-B which creates the Soil and Water Conservation Districts.

Attached is the Debris Report dated 11/1/11, prepared by Randy Stewart and Craig Ceschi.

The subgrantee will restore the sites back to their pre-disaster conditions by developing a set of plans and specifications in order to competitively bid a contract for the cleaning out of the debris basins and disposal of the sand and gravel in an upland location around or near the basins.

The estimate prices used are from the NYS DOT weighted average bid price report dated July 1, 2010 to June 30, 2011. The prices are for in-place quantities which include material, labor and equipment necessary to complete each item of work.

Site 1

1,166CY X \$12.50/CY (Item no 203.02) = \$14,575 - Does not include profit and overhead - Use 20 percent for profit and overhead, consistent with DOT change order procedure. \$14,575 X 1.20 (for over head and profit) = \$17,490

Site 2

1,324CY X \$12.50/CY (Item no 203.02) = \$16,550 - Does not include profit and overhead - Use 20 percent for profit and overhead, consistent with DOT change order procedure. \$16,550 X 1.20 (for over head and profit) = \$19,860

Site 3

444CY X \$12.50/CY (Item no 203.02) = \$5,550 - Does not include profit and overhead - Use 20 percent for profit and overhead, consistent with DOT change order procedure.

\$5,550 X 1.20 (for over head and profit) = \$6,660

Total cost estimate

\$17,490 + \$19,860 + \$6,660 = \$44,010

Location Description:

County wide

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources



Grantee Activity Number:	1142DR5B-12
Activity Title:	Debris Removal

Activity Category:

Debris removal

Project Number:

1142DR5-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Tioga County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Tioga County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$10,839.37
Total Budget	\$0.00	\$10,839.37
Total Obligated	\$0.00	\$10,839.37
Total Funds Drawdown	\$0.00	\$10,839.37
Program Funds Drawdown	\$0.00	\$10,839.37
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$10,839.37
Tioga County2	\$0.00	\$10,839.37
Most Impacted and Distressed Expended	\$0.00	\$10,839.37
Match Contributed	\$0.00	\$0.00

Activity Description:

In order to make the bridge accessible again and allow the creek and bridge to pass normal stream flows, the Tioga County Highway Department hired a contractor to clean the debris from the bridge and to remove the silt and gravel from the stream bed. The 102CY of silt, the 120CY of wood and the 444.44CY of gravel were given to the local farmer approximately 1,000FT east of the bridge on County Route 502.

Repair of permanent work to the road and bridge is covered in PW 7396807.

Separation of Debris from Permanent Work

Permanent Work

Roller 16hr X \$120/hr = \$ 1,920

Labor 24hr X \$57/hr = \$1,368

Dump Truck 24hr X \$125/hr = \$3,000

Foreman 14hr X \$75/hr = \$1,050

Item 4 590tons X \$8/ton = \$4,720

Medium Stone 20tons X \$20/ton = \$400

Paving Lump sum = \$21,000

Subtotal (1,290 + 1,368 + 3,000 + 1,050 + 4,720 + 400 + 21,000) = \$33,458

20percent Overhead and Profit 33,458 X .20 = \$6,692

Permanent Work (33,458 + 6,692) = \$40,150

Debris

Total Invoice \$83,355.40

Permanent Work - \$40,150.00

Debris (83,355.40 - 40,150) = \$43,205.40

Location Description:

County wide

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources**Amount**

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	1142DR5C-12
Activity Title:	Debris Removal

Activity Category:

Debris removal

Project Number:

1142DR5-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Tioga County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Tioga County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$24,061.02
Total Budget	\$0.00	\$24,061.02
Total Obligated	\$0.00	\$24,061.02
Total Funds Drawdown	\$0.00	\$24,061.02
Program Funds Drawdown	\$0.00	\$24,061.02
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$24,061.02
Tioga County2	\$0.00	\$24,061.02
Most Impacted and Distressed Expended	\$0.00	\$24,061.02
Match Contributed	\$0.00	\$0.00

Activity Description:

The Applicant used 873 hrs of FA regular time labor (not included in the PW), 123.5 hrs of FA overtime labor, 773.5 hrs of FA equipment time, 136 hrs of rented dozer time, and 2 contractors to restore the facilities at the following sites to pre-disaster condition as indicated below. A total of 10,403 CY of gravel debris was removed from streams and taken to a gravel pit maintained by the Town of Owego and located on Route 38 in Owego (42.14603, -76.26940) to be stockpiled for later use. A total of 1,667 CY of gravel removed from a stream was used to build a berm on site. The total volume of debris removed from streams is 12,070 CY (10,403 CY + 1,667 CY). The 2 contractors that assisted the Applicant with the stream debris cleaning were Austin Excavating & Paving and Tioga County Soil & Water (Invoices attached). The 2 contractors, hired under emergency procurement policy, provided additional equipment and labor. Site 1: Dean Creek Rd (42.10477, -76.54476) 1. 1,667 CY Removed gravel debris from stream The Applicant used the gravel removed from the stream to build a 150 LF x 50 ft W x 6 ft H berm on the south side of the stream to protect Dean Creek Road from future flood events. 2. 267 CY Removed, hauled, and disposed gravel debris from stream using a contractor Site 2: Dean Creek Rd (42.12431, -76.52777) 3. 5,333 CY Removed, hauled, and disposed gravel debris from stream Site 4: Halsey valley Rd (42.12868, -76.42147) 7. 111 CY Removed, hauled, and disposed gravel debris from stream, downstream Site 5: Straits Corner Rd 42.15852,-76.37733) 9. 83 CY Removed, hauled, and disposed gravel debris from stream using a contractor Site 6: West River Rd (42.00883,-76.45939) 11. 2,963 CY Removed, hauled, and disposed gravel debris from stream using a contractor Site 10: West Creek Rd 42.21382, -76.23714) 17. 52 CY Removed, hauled, and disposed gravel debris from stream, downstream 18. 687 CY Removed, hauled, and disposed gravel debris from stream, upstream Site 11: West Creek Rd (42.25912, -76.24081) 21. 139 CY Removed, hauled, and disposed gravel debris from stream, upstream 22. 139 CY Removed, hauled, and disposed gravel debris from stream, downstream Site 12: West Creek Rd (42.32682, -76.24656) 24. 185 CY Removed, hauled, and disposed gravel debris from stream, upstream 25. 185 CY Removed, hauled, and disposed gravel debris from stream, downstream Site 14: Wilson Creek Rd (42.29197, -76.14389)



29. 111 CY Removed, hauled, and disposed gravel debris from stream, upstream 30. 148 CY Removed, hauled, and disposed gravel debris from stream, downstream A total of 12,070 CY of gravel debris was removed from streams and either disposed at the gravel pit (10,403 CY) or used to build a berm on site (1,667 CY) at a total cost of \$61,858.72 for a unit cost of \$5.12/CY (\$61,858.72/12,070 CY). The Applicant will use FA labor and FA equipment, as well as contractor, to restore the facilities at the following sites to pre-disaster condition as follows: Site 3: Ellis Creek Rd (42.12199, -76.44115) 4. 1 EA Remove, haul, and dispose fallen tree from stream, upstream, 20 LF x 10 in 5. 2 EA Remove, haul, and dispose fallen tree from stream, downstream, 30 LF x 8 in Site 4: Halsey valley Rd (42.12868, -76.42147) 6. 83 CY Remove, haul, and dispose gravel debris from stream, upstream 8. 2 EA Clean culvert, 40 LF x 58 in W x 36 in H Site 5: Straits Corner Rd (42.15852, -76.37733) 10. 1 EA Clean culvert, 40 LF x 160 in W x 46 in H Site 7: Halsey valley Rd (42.06682, -76.35092) 12. 111 CY Remove, haul, and dispose of gravel debris from stream, upstream Site 8: Montrose Turnpike (41.99941, -76.20521) 13. 185 CY Remove, haul, and dispose of gravel debris from stream Site 9: Gaskill Rd (42.12387, -76.18072) 14. 148 CY Remove, haul, and dispose of gravel debris from stream 15. 3 EA Remove, haul, and dispose fallen tree from stream, 20 LF x 6 in Site 10: West Creek Rd (42.21382, -76.23714) 16. 2 EA Clean culvert, 40 LF x 5.5 ft W x 4 ft H 19. 1 EA Clean culvert, 42 LF x 5 ft W x 3 ft H 20. 56 CY Remove, haul, and dispose of gravel debris from stream, upstream Site 11: West Creek Rd (42.25912, -76.24081) 23. 1 EA Clean culvert, 40 LF x 6 ft W x 3 ft H Site 12: West Creek Rd (42.32682, -76.24656) 26. 1 EA Clean culvert, 35 LF x 5 ft W x 3 ft H Site 13: West Creek Rd, BIN 3335230 (42.36110, -76.23676) 27. 124 CY Remove, haul, and dispose of gravel debris from stream, upstream Site 14: Wilson Creek Rd (42.29197, -76.14389) 28. 1 EA Clean culvert, 45 LF x 9 ft W x 3 ft H A total of 707 CY of gravel debris will be taken to the gravel pit maintained by the town of Owego and located on Route 38 in Owego (42.15203, -76.26940) for stockpiling. Trees will be cut up on site and made available to the public and all unclaimed woody debris will be taken to a private disposal site (Donald E. Foster, 425 Old Barton Road, Barton; 42.14500, -76.27200) and disposed with no cost to the Applicant. The property owner has a large hole in the property that he wants to fill up; therefore, all woody debris taken to that site will be buried. The total debris volume of one 10-in tree, two 8-in trees, and three 6-in trees are estimated as follows, based on fifteen 8-in trees having a total volume of 40 CY or 2.7 CY per 8-in tree, as per Page 60 of FEMA 325 Public Assistance Debris Management

Location Description:

County Wide

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	1142DR5D-12
Activity Title:	Debris Removal

Activity Category:

Debris removal

Activity Status:

Completed

Project Number:

1142DR5-12

Project Title:

Tioga County

Projected Start Date:

09/01/2011

Projected End Date:

07/24/2015

Benefit Type:

Area ()

Completed Activity Actual End Date:
National Objective:

Urgent Need

Responsible Organization:

Tioga County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$2,326.59
Total Budget	\$0.00	\$2,326.59
Total Obligated	\$0.00	\$2,326.59
Total Funds Drawdown	\$0.00	\$2,326.59
Program Funds Drawdown	\$0.00	\$2,326.59
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$2,326.59
Tioga County2	\$0.00	\$2,326.59
Most Impacted and Distressed Expended	\$0.00	\$2,326.59
Match Contributed	\$0.00	\$0.00

Activity Description:

The Applicant used a contractor, Casella Waste Service, to remove and haul 150 CY plus additional 63.77 tons of household, C&D, and other debris to an approved private disposal site owned and maintained by Casella Waste Service located at 1180 Elmira Rd in Newfield (42.39248, -76.56241).
The 150 CY of debris consisted of 60 CY of trash and 90 CY of tires. The weight of trash is estimated as 1,000 lbs/CY and tires as 20 lbs/tire x 10 tires/CY (Scrap Tire Cleanup Guidebook, EPA-905-B-06-001).
Trash: 60 CY x 1,000 lbs/CY = 60,000 lbs = 30.0 tons
Tires: 90 CY x 20 lbs/tire x 10 tires/CY = 18,000 lbs = 9.0 tons
The total tonnage of debris: 63.77 + 30.0 + 9.0 tons = 102.77 tons
The unit cost of debris removal is \$90.56/ton (\$9,306.38/102.77 tons).

Location Description:

County Wide

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	1142DR5E-12
Activity Title:	Debris Removal

Activity Category:

Debris removal

Project Number:

1142DR5-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Tioga County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Tioga County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$1,913.89
Total Budget	\$0.00	\$1,913.89
Total Obligated	\$0.00	\$1,913.89
Total Funds Drawdown	\$0.00	\$1,913.89
Program Funds Drawdown	\$0.00	\$1,913.89
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$1,913.89
Tioga County2	\$0.00	\$1,913.89
Most Impacted and Distressed Expended	\$0.00	\$1,913.89
Match Contributed	\$0.00	\$0.00

Activity Description:

The scope of work in this project worksheet consists of the applicant hiring Environmental Products and Services, 532 State Fair Blvd, Syracuse, NY 13209, to clean up the hazardous waste at the Tioga County Transfer Station. The hazardous waste items included 3 five gallon pails of nickel cadmium batteries, 2 thirty gallon drums of alkaline dry cell batteries, 2 twenty gallon drums of alkaline dry cell batteries, 1 five gallon pail of mercury from different articles, 2 five gallon pails of lithium batteries, 2 five gallon pails of acid filled batteries, a 30 gallon drum of combustible liquids (petroleum distillates), polychlorinated biphenyls solids and various types of bulbs including compact bulbs, flood bulbs and fluorescent bulbs. The some of the hazardous waste was transported to CWM Chemical Services, LLC, 1530 Balmer Road, Model City, NY 14107 and Environmental Products and Services, 532 State Fair Blvd, Syracuse, NY 13209 for treatment and disposal. See the attached invoices and Bills of Lading.

Location Description:

County Wide

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	1142DR5F-12
Activity Title:	Debris Removal

Activity Category:

Debris removal

Project Number:

1142DR5-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Tioga County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:

Responsible Organization:

Tioga County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$8,533.12
Total Budget	\$0.00	\$8,533.12
Total Obligated	\$0.00	\$8,533.12
Total Funds Drawdown	\$0.00	\$8,533.12
Program Funds Drawdown	\$0.00	\$8,533.12
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$8,533.12
Tioga County2	\$0.00	\$8,533.12
Most Impacted and Distressed Expended	\$0.00	\$8,533.12
Match Contributed	\$0.00	\$0.00

Activity Description:

Site # 1, Remove and Dispose of Vegetative Debris, 620cy.

Location Description:

County Wide

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	1142DR5G-12
Activity Title:	Debris Removal

Activity Category:

Debris removal

Project Number:

1142DR5-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Tioga County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Tioga County

Overall

Total Projected Budget from All Sources

Oct 1 thru Dec 31, 2019

N/A

To Date

\$4,930.27

Total Budget

\$0.00

\$4,930.27

Total Obligated

\$0.00

\$4,930.27

Total Funds Drawdown

\$0.00

\$4,930.27

Program Funds Drawdown

\$0.00

\$4,930.27

Program Income Drawdown

\$0.00

\$0.00

Program Income Received

\$0.00

\$0.00

Total Funds Expended

\$0.00

\$4,930.27

Tioga County2

\$0.00

\$4,930.27

Most Impacted and Distressed Expended

\$0.00

\$4,930.27

Match Contributed

\$0.00

\$0.00

Activity Description:

Site # 5, Remove and Dispose of Vegetative Debris, 25cy.

Good Access to debris.

Site # 10, Remove and Dispose of Vegetative Debris, 47.9cy.

Good Access to debris.

Site #11, Remove and Dispose of Vegetative Debris, 665cy.

Good Access to debris.

Site # 12, Remove and Dispose of Vegetative Debris, 113.6cy.

Reasonable Access to debris 150ft upstream.

Total 851.5 cy.

Location Description:

County Wide

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	1142DR5H-12
Activity Title:	Debris Removal

Activity Category:

Debris removal

Project Number:

1142DR5-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Tioga County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Tioga County

Overall
Total Projected Budget from All Sources
Oct 1 thru Dec 31, 2019

N/A

To Date

\$288,256.06

Total Budget

\$0.00

\$288,256.06

Total Obligated

\$0.00

\$288,256.06

Total Funds Drawdown

\$0.00

\$288,256.06

Program Funds Drawdown

\$0.00

\$288,256.06

Program Income Drawdown

\$0.00

\$0.00

Program Income Received

\$0.00

\$0.00

Total Funds Expended

\$0.00

\$288,256.06

Tioga County2

\$0.00

\$288,256.06

Most Impacted and Distressed Expended

\$0.00

\$288,256.06

Match Contributed

\$0.00

\$0.00

Activity Description:

The sub grantee hired Casella Waste Services to haul the debris from the Town of Owego gravel pit to the Chemung County landfill, a permitted NYS landfill. The debris consisted mainly of building components and contents as well as some woody debris, mud and silt. The results of the quotes for hauling the debris to the landfill are attached. The price of \$62.50/TON is reasonable based on the fact that the County used to charge \$70.00/TON for residents and companies to bring household and demolition debris waste to the county transfer station. Approximately 12,700 tons of debris was moved from the Town of Tioga Pit to the Casella Landfill in Chemung County by Casella Waste Services. See the invoices from Casella Waste Services, 1180 Elmira Road, Newfield, NY 14867.

The coordinates for the Chemung County Landfill located at 148 County Road 60, Lowman, NY is Latitude 42.02878 Longitude -76.68179.

The coordinates for the Town of Tioga Pit (temporary debris collection site) located off of NYS Route 38 is Lat 42.14536 Long - 76.26736.

The New York State Department of Environmental Conservation determined that the gravel pit was contaminated by the debris that was deposited there and ordered the county to cleanup the pit. The county removed the contaminated soil and it was transported to the Casella Landfill. The area was then covered with 1,856 cy of sand. See the attached invoice from Sultana Sand and Stone.

Location Description:

County Wide

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	1142DR5I-12
Activity Title:	Debris Removal

Activity Category:

Debris removal

Project Number:

1142DR5-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Tioga County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Tioga County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$4,007.42
Total Budget	\$0.00	\$4,007.42
Total Obligated	\$0.00	\$4,007.42
Total Funds Drawdown	\$0.00	\$4,007.42
Program Funds Drawdown	\$0.00	\$4,007.42
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$4,007.42
Tioga County2	\$0.00	\$4,007.42
Most Impacted and Distressed Expended	\$0.00	\$4,007.42
Match Contributed	\$0.00	\$0.00

Activity Description:

Tioga County Soil And Water Conservation District proposes to contract the removal of the 107ft long steel bridge from Owego Creek to alleviate the threat of flooding that might occur from the bridge debris blocking high water flow.

The subgrantee requested bids from qualified contractors to remove the bridge from Owego Creek, cut it up and salvage the steel. Four bids were received to accomplish the scope of work. The bids received were as follows: Procon - \$6,000, Broome Bituminous Products - \$6,700, R. DeVincentis - \$11,532, and Vector - \$ 31,000. The bids are included with the PW.

The permit in a classified trout stream to remove the bridge from the creek will require erosion and sediment controls. The requirement will be (Dewatering) Pump around for the stream for one day while the work in the creek is occurring. Cost is estimate from applicant.

Seeding and mulching on the bank will be needed to prevent erosion after the bank has been disturbed by the bridge removal activities. A total of 1/2 acre = 21,780sf = 21.78msf (estimated) will require seeding.

Location Description:

County Wide

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Project # / 135DR1-12 / Broome County

Grantee Activity Number: 135DR1A-12

Activity Title: Debris Removal

Activity Category:

Debris removal

Project Number:

135DR1-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Low/Mod

Activity Status:

Completed

Project Title:

Broome County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:

Responsible Organization:

City of Binghamton

Overall

Total Projected Budget from All Sources

Oct 1 thru Dec 31, 2019

N/A

To Date

\$88,615.55

Total Budget

\$0.00

\$88,615.55

Total Obligated

\$0.00

\$88,615.55

Total Funds Drawdown

\$0.00

\$88,615.55

Program Funds Drawdown

\$0.00

\$88,615.55

Program Income Drawdown

\$0.00

\$0.00

Program Income Received

\$0.00

\$0.00

Total Funds Expended

\$0.00

\$88,615.55



City of Binghamton	\$0.00	\$88,615.55
Most Impacted and Distressed Expended	\$0.00	\$88,615.55
Match Contributed	\$0.00	\$0.00

Activity Description:

In responding to the incident the City of Binghamton sent 8702.83 Tons of incident generated non-toxic household debris to the Broome County Landfill, located at 286 CR-73 (Knapp Rd) Binghamton NY 13905-5706 (42.23762, -75.98370), for proper disposal. Shipment of the debris occurred between 9/10/11 and 11/30/11.
The applicant was assessed a total of \$348,771.40 in tipping fees (Invoice #1130) by Broome County for the disposal of this debris. The applicant indicates that they will pay this invoice.

Location Description:

County Wide

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources	Amount
No Other Funding Sources Found	
Total Other Funding Sources	

Grantee Activity Number:	135DR1B-12
Activity Title:	Debris Removal

Activity Category:

Debris removal

Project Number:

135DR1-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Low/Mod

Activity Status:

Completed

Project Title:

Broome County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Broome County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$149,529.41
Total Budget	\$0.00	\$149,529.41
Total Obligated	\$0.00	\$149,529.41
Total Funds Drawdown	\$0.00	\$149,529.41
Program Funds Drawdown	\$0.00	\$149,529.41
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$149,529.41
Broome County2	\$0.00	\$149,529.41
Most Impacted and Distressed Expended	\$0.00	\$149,529.41
Match Contributed	\$0.00	\$0.00

Activity Description:

In responding to the incident the City of Binghamton sent 8702.83 Tons of incident generated non-toxic household debris to the Broome County Landfill, located at 286 CR-73 (Knapp Rd) Binghamton NY 13905-5706 (42.23762, -75.98370), for proper disposal. Shipment of the debris occurred between 9/10/11 and 11/30/11. The applicant was assessed a total of \$348,771.40 in tipping fees (Invoice #1130) by Broome County for the disposal of this debris. The applicant indicates that they will pay this invoice.

Location Description:

County Wide

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	135DR1C-12
Activity Title:	Debris Removal

Activity Category:

Debris removal

Project Number:

135DR1-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Low/Mod

Activity Status:

Completed

Project Title:

Broome County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Broome County

Overall
Total Projected Budget from All Sources
Oct 1 thru Dec 31, 2019

N/A

To Date

\$15,351.57

Total Budget

\$0.00

\$15,351.57

Total Obligated

\$0.00

\$15,351.57

Total Funds Drawdown

\$0.00

\$15,351.57

Program Funds Drawdown

\$0.00

\$15,351.57

Program Income Drawdown

\$0.00

\$0.00

Program Income Received

\$0.00

\$0.00

Total Funds Expended

\$0.00

\$15,351.57

Broome County2

\$0.00

\$15,351.57

Most Impacted and Distressed Expended

\$0.00

\$15,351.57

Match Contributed

\$0.00

\$0.00

Activity Description:

The Applicant contracted with Green Mountain Pipeline Services to Close Circuit Television (CCTV) the sewer main to determine the volume of debris deposited in the piping. This operation started at the beginning of the sewer main on Julian Street at Manhole #2 and continued to Trout Brook ESMT manhole #24 inclusive. Debris blockages caused a restart of CCTV at Trout Brook ESTM manhole # 25 to #28. Again, debris blockages caused a restart of CCTV at Trout Brook ESTM manhole # 29 to #31 and #35 to #36. The total length of the CCTV was 4755.4 linear feet.

Green Mountain Pipeline Services has proposed to perform the debris removal for 7,236 linear feet of the Trout Brook Sewer System and included in their proposal of \$8.90 per linear foot is providing post cleaning videos. (see attached dated 5/7/12). The Closed Circuit Television (CCTV) at a previous billed amount of \$ 1.55 had been deducted, (see attached Invoice dated 4/30/12).

The work included in this project worksheet is the following: Traffic Control

Removal of Debris from Trout Brook Storm Sewer

Transport of Debris Removal from the Trout Brook Storm Sewer to a City designated disposal area All Safety equipment for confined space entry

Location Description:

County Wide

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources	Amount
No Other Funding Sources Found	
Total Other Funding Sources	



Grantee Activity Number:	135DR1D-12
Activity Title:	Debris Removal

Activity Category:

Debris removal

Project Number:

135DR1-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Low/Mod

Activity Status:

Completed

Project Title:

Broome County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Broome County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$3,747.25
Total Budget	\$0.00	\$3,747.25
Total Obligated	\$0.00	\$3,747.25
Total Funds Drawdown	\$0.00	\$3,747.25
Program Funds Drawdown	\$0.00	\$3,747.25
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$3,747.25
Broome County2	\$0.00	\$3,747.25
Most Impacted and Distressed Expended	\$0.00	\$3,747.25
Match Contributed	\$0.00	\$0.00

Activity Description:

Applicant will remove the tree debris and dispose of it in a proper facility using contract services.

Location Description:

County Wide

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	135DR1E-12
Activity Title:	Debris Removal

Activity Category:

Debris removal

Project Number:

135DR1-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Low/Mod

Activity Status:

Completed

Project Title:

Broome County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Broome County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$17,083.34
Total Budget	\$0.00	\$17,083.34
Total Obligated	\$0.00	\$17,083.34
Total Funds Drawdown	\$0.00	\$17,083.34
Program Funds Drawdown	\$0.00	\$17,083.34
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$17,083.34
Broome County2	\$0.00	\$17,083.34
Most Impacted and Distressed Expended	\$0.00	\$17,083.34
Match Contributed	\$0.00	\$0.00

Activity Description:

To bring the sites back to pre-disaster condition the City of Binghamton publicly bid and awarded a contract to "Procon Contracting" to remove and dispose of the accumulated woody debris. The contractor used planking, scaffolding and heavy equipment to remove the debris from the 5 bridges.
 East Clinton Street Bridge on Chenango River: 160 CY of debris removed.
 Court Street Bridge on Chenango River: 16 CY of debris removed.
 Memorial Bridge on Chenango River: 4 CY of debris removed.
 South Washington Pedestrian Bridge on Susquehanna River: 8 CY of debris removed.
 Exchange Street Bridge on Susquehanna River: 2 CY of debris removed.

Location Description:

County Wide

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	135DR1F-12
Activity Title:	Debris Removal

Activity Category:

Debris removal

Project Number:

135DR1-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Broome County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Broome County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$1,725.11
Total Budget	\$0.00	\$1,725.11
Total Obligated	\$0.00	\$1,725.11
Total Funds Drawdown	\$0.00	\$1,725.11
Program Funds Drawdown	\$0.00	\$1,725.11
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$1,725.11
Broome County2	\$0.00	\$1,725.11
Most Impacted and Distressed Expended	\$0.00	\$1,725.11
Match Contributed	\$0.00	\$0.00

Activity Description:

The applicant will return Cloverdale Road (42.27945, -75.85072) to pre-disaster conditions using an estimated total of 120 force account labor hours and 120 equipment hours. To complete this work the applicant indicates they will:

1. Clear sediment mounds on inlet end and outflow end of the dual 90 inch x 75 ft CMP squashed culvert pipes. The inlet end sediment mound measures 150 ft x 30 ft x 4 ft (666.7 cu yards) and the outflow end sediment mound 150 ft x 20 ft x 4 ft (444.4 cu yards) for a total of 1,111.1 cu yards. The applicant estimates it will take:

120 straight-time Force Labor hours at a cost of \$0.00.

120 Force Equipment hours: 24 hours on a Pick-up Truck @ \$20/hour = \$480.00;

24 hours on Excavator @ \$65/hour = \$1560.00;

24 hours on each of three (3) Dump trucks (8723); 24 x 3 = 72 hours @ \$65/hour = \$4680.00;

Total equipment cost: \$6,720.00

The applicant will transport the 1,111.1 cu yards of gravel/debris to their highway garage at 47 Thomas Street, Binghamton, NY 13901 (42.17684, -75.87571) for future use.

Note: The repair of the shoulder wash-out and rip-rap damage will be covered on a separate Cat C project worksheet.

Location Description:

County Wide

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources	Amount
No Other Funding Sources Found	
Total Other Funding Sources	



Grantee Activity Number:	135DR1G-12
Activity Title:	Debris Removal

Activity Category:

Debris removal

Project Number:

135DR1-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Broome County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Broome County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$538.40
Total Budget	\$0.00	\$538.40
Total Obligated	\$0.00	\$538.40
Total Funds Drawdown	\$0.00	\$538.40
Program Funds Drawdown	\$0.00	\$538.40
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$538.40
Broome County2	\$0.00	\$538.40
Most Impacted and Distressed Expended	\$0.00	\$538.40
Match Contributed	\$0.00	\$0.00

Activity Description:

Otsiningo Park Wide Debris removal:

Broome County Parks Force Account Labor and Equipment were used to remove 277 CY of woody debris throughout park property.

Debris CY:

CY measurements were taken from the debris pile.

Measurements are: 75Ft. long x 20Ft. wide x 5 Ft. deep = 277.7 CY or 42.28 tons.

Debris Site is Located at: (42.13295 -75.90279).

This site is located at the highest point of the park above flood plain levels at 851 Ft. Flood plain levels are at 840ft. at the base.

Force Account Labor and Equipment used for the removal of debris:

Total Force Account Labor Regular Hours: 146 hour:

Total Force Account Equipment Hours: 84 Hours = \$1848.00

Final Disposal Site is located at 42.13295 -75.90279

Location Description:

County Wide

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	135DR1H-12
Activity Title:	Debris Removal

Activity Category:

Debris removal

Project Number:

135DR1-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Broome County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Broome County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$1,774.00
Total Budget	\$0.00	\$1,774.00
Total Obligated	\$0.00	\$1,774.00
Total Funds Drawdown	\$0.00	\$1,774.00
Program Funds Drawdown	\$0.00	\$1,774.00
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$1,774.00
Broome County2	\$0.00	\$1,774.00
Most Impacted and Distressed Expended	\$0.00	\$1,774.00
Match Contributed	\$0.00	\$0.00

Activity Description:

The Applicant will use Force Account Labor and Force Account Equipment to chip and dispose on site 557 CY of woody debris deposited on levee banks.

Levee/Dike locations:

Dike # 34 Bradle Creek (42.16413 -76.03212),

Dike # 45 Barnes (42.29543 -76.01362),

Dike # 23 (42.13630 -75.94146),

Dike # 33 Sturble Creek (42.13716 -76.01785),

Dike # 2 C (42.18246 -75.95440),

Dike # 1 A (42.16052 -75.98232).

(1) Park Operations Mgr \$49.07 per hours/incl. fringes, 8 hours = \$392.56 per day.

(3) Construction Workers @ \$285.20 per day = \$855.60 per day x 8 = \$6844.80

(8) Days for (1) Park Mgr @ \$392.56 per day = \$3140.48

(8) Days for (3) Construction Workers @ \$855.60 per day = \$6844.80

Total Force Account Labor regular hours costs = 256 hours = \$9985.28

(1) 8 CY Dump Truck, FEMA cost code 8720 @ \$35.00 per hour x 2 hours per day = \$70.00 x 8 days = \$560.00 (Used for pulling trailer & dozer to site).

(2) 30/Ton flatbed trailer, FEMA cost code 8600 @ \$10.25 per hour x 2 = \$20.50 x 2 hours per day = \$41.00 x 8 days = \$328.00

(1) 1 Ton pickup 4x4 trucks, FEMA cost code 8802 @ \$20.00 per hour x 2 hours per day = \$40.00 x 8 days = \$320.00 (Used for pulling trailer & Loader-backhoe to site).

(1) 1 Ton pickup 4x4 trucks, FEMA cost code 8802 @ \$20.00 per hour x 5 hours per day = \$100.00 x 8 days = \$800.00 (Used for pulling chipper along levees).

(1) Dozer-crawler, FEMA cost code 8251 @ \$40.00 per hour x 6 hours per day = \$240.00 x 8 days = \$1920.00



(1) Loader-backhoe, FEMA cost code 8572 @ \$33.00 per hour x 6 hours per day = \$198.00 x 8 days = \$1584.00
 (1) Trailer-tree Chipper, FEMA cost code 8202 @ \$21.75 per hour x 6 hours per day = \$130.50 x 8 days = \$1044.00
 (2) 25" bar length chain saws, FEMA cost code 8191 @ \$3.20 per hour x 2 = \$6.40 x 5 hours per day = \$32.00 x 8 days = \$256.00
 Total force Account Equipment regular hours costs = 288 Hours = \$6812.00
 Total Force Account Labor & Equipment costs = \$16797.28
 (NOTE) (2) Trailers @ 2 hours per day = 4 hours x 8 days = 32 hours, over regular labor hours
 Final Disposal: all woody debris will be chipped and dropped along the levee banks and spread out evenly to bring levees back to pre disaster conditions.
 All debris will be placed outside of flood zones,

Location Description:

County Wide

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	135DR11-12
Activity Title:	Debris Removal

Activity Category:

Debris removal

Project Number:

135DR1-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Broome County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Broome County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$1,798.06
Total Budget	\$0.00	\$1,798.06
Total Obligated	\$0.00	\$1,798.06
Total Funds Drawdown	\$0.00	\$1,798.06
Program Funds Drawdown	\$0.00	\$1,798.06
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$1,798.06
Broome County2	\$0.00	\$1,798.06
Most Impacted and Distressed Expended	\$0.00	\$1,798.06
Match Contributed	\$0.00	\$0.00

Activity Description:

The Applicant will use Force Account Labor and Force Account Equipment to chip and dispose on site 557 CY of woody debris deposited on levee banks.

Levee/Dike locations:

Dike # 34 Bradle Creek (42.16413 -76.03212),

Dike # 45 Barnes (42.29543 -76.01362),

Using force account labor (130.5 straight time hours, 10 of which were performed by a temporary employee; and 20 hours O/T); and force account equipment (106.5 hours) the applicant completed the following work on Old Route 17:

1. Removed 100 ft L x 15 ft W x 6 ft D (333 CY) of gravel and silt that had blocked the outlet of a twin concrete box culvert (42.07111, -75.63321).

2. Removed 100 ft L x 3 ft W x 2 ft D (22.2 CY) of gravel and silt that had blocked the inlet of a small concrete box culvert and the downstream drainage channel running parallel to Old Route 17, near PO Box 1083 (42.05901, -75.61991).

3. Removed 50 ft L x 6 ft W x 3 ft D (33.3 CY) of gravel and silt that had blocked the inlet of a 4 ft H x 3 ft W x 40 ft L concrete box culvert (42.04853, -75.50008).

4. Removed 25 ft L x 10 ft W x 3 ft D (28 CY) of landside that had blocked Old Route 17, 1/10 mile east of Route 41 (42.04923, -75.49852).

Note: the gravel/silt from sites #1 and 3 (366.3 CY) was transported to the Broome County Highway facility at 47 Thomas St. Binghamton, NY 13901 (42.17780, -75.87902) for reuse by the applicant. The gravel/silt/soil from sites #2 and 4 (50.2 CY) was transported to the Town of Sanford Highway yard (42.04923, -75.48800) for reuse by the applicant.

Location Description:

County Wide

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources**Amount**

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	135DR1J-12
Activity Title:	Debris Removal

Activity Category:

Debris removal

Project Number:

135DR1-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Broome County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Broome County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$9,764.25
Total Budget	\$0.00	\$9,764.25
Total Obligated	\$0.00	\$9,764.25
Total Funds Drawdown	\$0.00	\$9,764.25
Program Funds Drawdown	\$0.00	\$9,764.25
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$9,764.25
Broome County2	\$0.00	\$9,764.25
Most Impacted and Distressed Expended	\$0.00	\$9,764.25
Match Contributed	\$0.00	\$0.00

Activity Description:

In responding to the incident the Broome County removed 1,294.6 CY of incident generated non-toxic debris from the below locations. Applicant used 1 HR force account overtime labor amounting to \$38.90, 364 HRs of straight time, 266 HRs of equipment time amounting to \$11,578.88, and contracts valued at \$12,256.11 to remove debris and dispose as listed below:

- Site # 1, North Road culvert o Remove gravel blocking culvert, 100 FT x 5 FT x 3 FT = 56 CY o Gravel and silt was graded into local topography within the County owned ROW (Attached)
- Site #3, Hyde St. culvert o Remove debris clogging inlet and outlet, 125 FT x 10 FT x 3 FT x 2 sides = 278 CY o 72 CY of gravel/silt was transported to the Broome County Highway facility at 47 Thomas St. Binghamton, NY 13901 (42.17780, -75.87902) for final disposition. The balance (206 CY) is stockpiled at site and on private property with owners written easement agreement (attached) for final disposition
- Site #5, Page Brook Road culvert o Remove debris clogging channel, 400 FT x 6 FT x 3 FT = 267 CY o Gravel is stockpiled at site and on private property with written easement agreement (attached) for final disposition
- Site #7, Bally Hack Road creek channel o Remove downed tree blocking channel, 18 IN diameter, = 8 CY o Small limbs were chipped and disposed of on site. Larger wood was transported to the Broome County Highway facility at 47 Thomas St. Binghamton, NY 13901 (42.17780, -75.87902) for final disposition
- Site #8, Ganoung Road creek channel o Remove debris clogging stream, 120 FT x 6 FT x 3 FT = 80 CY o All collected gravel/silt was transported to the Broome County Highway facility at 47 Thomas St. Binghamton, NY 13901 (42.17780, -75.87902) for final disposition.
- Site #9, Tunnel Road culvert o Remove debris tree blocking ilet, 12 IN diameter = 6 CY o Small limbs were chipped and disposed of on site. Larger wood was transported to the Broome County Highway facility at 47 Thomas St. Binghamton, NY 13901 (42.17780, -75.87902) for final disposition
- Site #10, Hardie Road o Remove fallen branches in drainage ditch = 8 CY o All limbs were chipped and disposed of on site
- Site #11, Powers Road, drainage ditch o Remove debris clogging drainage ditch, 8 FT x 4 FT x 3 FT = 3.6 CY o All collected gravel/silt was transported to the Broome County Highway facility at 47 Thomas St. Binghamton,

NY 13901 (42.17780, -75.87902) for final disposition • Site #12, Powers Road, downed trees o Remove tree in ROW, 24 IN diameter, = 8 CY o All limbs were chipped and disposed of on site • Site #13, Nanticoke Road, easement o Remove debris in easement, 60 FT L x 3 FT W x 2 FT D = 13 CY
o All collected gravel/silt was transported to the Broome County Highway facility at 47 Thomas St. Binghamton, NY 13901 (42.17780, -75.87902) for final disposition. • Site #14, Nanticoke Road, easement o Remove debris in easement, 40 FT L x 6 FT W x 3 FT D = 27 CY o All collected gravel/silt was transported to the Broome County Highway facility at 47 Thomas St. Binghamton, NY 13901 (42.17780, -75.87902) for final disposition. • Site #15, Old Newark Valley culverto Remove gravel clogging culvert, 50 FT L x 12 FT W x 4 FT D = 89 CY o All collected gravel/silt was transported to the Broome County Highway facility at 47 Thomas St. Binghamton, NY 13901 (42.17780, -75.87902) for final disposition. • Site # 16, Lester Ave o Remove gravel clogging channel, 118 FT L x 37 FT W x 2.5 D = 404 CY o All collected gravel/silt was transported to the Broome County Highway facility at 47 Thomas St. Binghamton, NY 13901 (42.17780, -75.87902) for final disposition. NOTE: The above work is consistant with NYS Dept of Environmental Conservation # GP-0-11-008 Applicant will utilize 72 HRs force account labor and 71 HRs of force account equipment in the amount of \$5,197.76 and a low bid from four contractors for \$9,400 of to: • Site #2, South St. culvert o Remove debris in drainage channel, estimated at 70 FT x 15 FT x 3 FT = 117 CY o All collected gravel/silt will be transported to the Broome County Highway facility at 47 Thomas St. Binghamton, NY 13901 (42.17780, -75.87902) for final disposition • Site #4, Old 17 Bridge (Contract \$9,400)
o Remove debris surrounding bridge pier, 20 FT x 8 FT x 8 FT = 47 CY o Debris will be returned to nature at site. • Site #6, Greenwood Road Lake outlet o Remove debris clogging out let, estimated at 100 FT x 20 FT x 3 FT = 222 CY o All collected gravel/silt was transported to the Broome County Highway facility at 47 Thomas St. Binghamton, NY 13901 (42.17780, -75.87902) for final disposition

Location Description:

County Wide

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	135DR1K-12
Activity Title:	Debris Removal

Activity Category:

Debris removal

Project Number:

135DR1-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Broome County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Broome County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$441.00
Total Budget	\$0.00	\$441.00
Total Obligated	\$0.00	\$441.00
Total Funds Drawdown	\$0.00	\$441.00
Program Funds Drawdown	\$0.00	\$441.00
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$441.00
Broome County2	\$0.00	\$441.00
Most Impacted and Distressed Expended	\$0.00	\$441.00
Match Contributed	\$0.00	\$0.00

Activity Description:

Applicant used 40 Force Labor hours and 35 Force Equipment Hours to make all the repairs necessary. Applicant's employees cleaned the roadway of all sand, rock and other debris. Hauled it away to the county garage property and dumped. No additional material was required to clean the roadway. They used a power sweeper to do the final cleaning of roadway.

Location Description:

County Wide

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	135DR1L-12
Activity Title:	Debris Removal

Activity Category:

Debris removal

Project Number:

135DR1-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Broome County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Broome County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$499.60
Total Budget	\$0.00	\$499.60
Total Obligated	\$0.00	\$499.60
Total Funds Drawdown	\$0.00	\$499.60
Program Funds Drawdown	\$0.00	\$499.60
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$499.60
Broome County2	\$0.00	\$499.60
Most Impacted and Distressed Expended	\$0.00	\$499.60
Match Contributed	\$0.00	\$0.00

Activity Description:

1.) Broome County Park Force Account Labor and Equipment will be used to remove 130CY of mud and silt along 700 linear feet x 12 ft. wide x 5"= 3528 sf. / 27 = 130CY thick along Creek banks in various locations.

2.) Broome County Park Force Account Labor and Equipment will be used to remove 120CY of mud and silt along 135 linear feet x 12 ft. wide x 2 ft. deep = 3240 sf. / 27 = 120CY along Creek banks in various locations.

Total Force Account Labor Hours = 48 (NOT ELIGIBLE FOR CAT A).

Total Force Account Equipment Hours = 64.

Total Force Account Equipment cost = \$1857.40

ESTIMATE:

Force Account Labor regular hours:

1. (3) Construction Workers @ \$285.20 per day = \$855.60 per day x 2 = \$1711.20

Total Force Account Labor regular hours = 48 hours

Regular Force Accounts Labor hours are not eligible.

Force Account Equipment regular hours:

1. (1) 12 CY Dump Truck, FEMA cost code 8722 @ \$60.00 per hour x 8 hours per day = \$480.00 x 2 days = \$960.00.

(Used for pulling trailer & Loader-Backhoe, to and from job site as well as the loading of silt and woody debris).

2. (1) 1 Ton pickup truck, FEMA cost code 8802 @ \$20.00 per hour x 4 hours per day = \$80.00 x 2 days = \$160.00

(Used for the transportation of workers and tree chipper to the job site and back each day).

3. (1) 30/Ton flat bed trailer, FEMA cost code 8600 @ \$10.25 per hour x 2 hours per day = \$20.50 x 2 days = \$42.00

(Used for the transportation of the Loader-Backhoe).

4. (1) Loader-Backhoe, FEMA cost code 8572 @ \$33.00 per hour x 6 hours per day = \$198.00 x 2 days =

\$396.00

(Used for the removal of silt and woody debris).

5. (1) Trailer-tree chipper, FEMA cost code 8202 @ \$21.75 per hour x 6 hours per day = \$130.50 x 2 days = \$261.00

6. (1) 25" bar length chain saw, FEMA cost code 8191 @ \$3.20 per hour x 6 hours days = \$19.20 x 2 days = \$38.40

Total Force Account Labor hours = 48 hours. (Not eligible for CAT A).

Total Force Account Equipment hours = 64 hours = \$1857.40

(NOTE) Woody debris will be chipped on location site and transported to final deposal site located at (42.13295 -75.90279).

Mud and silt will be transported to same location site stated above.

Location Description:

County Wide

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	135DR1M-12
Activity Title:	Debris Removal

Activity Category:

Debris removal

Project Number:

135DR1-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Broome County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Broome County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$2,001.10
Total Budget	\$0.00	\$2,001.10
Total Obligated	\$0.00	\$2,001.10
Total Funds Drawdown	\$0.00	\$2,001.10
Program Funds Drawdown	\$0.00	\$2,001.10
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$2,001.10
Broome County2	\$0.00	\$2,001.10
Most Impacted and Distressed Expended	\$0.00	\$2,001.10
Match Contributed	\$0.00	\$0.00

Activity Description:

The applicant performed the following emergency protective measures at Round Top Park to eliminate threats to life and public safety:

1. Used contract labor to cut down and cut up eight 16-inch trees (100 CY). The cut trees were left at the damage location to return to nature.
2. Used contract labor to cut down and cut up twelve 12-inch trees (150 CY). The cut trees were left at the damage location to return to nature. Used force account labor and equipment to remove 40 CY of the head of the sliding mass which was deposited at the park's boundary. This included 15 CY of materials which was deposited on the driveway at 303 River Terrace. The applicant was required to remove this material to gain access to the 25 CY portion of the sliding mass that was still within the park boundary, as it was the only point of access. The final disposition of this material was the Broome County Highway facility 47 Thomas St. Binghamton, NY 13901 (42.17780, -75.87902) for reuse by the applicant. The applicant also seeded and mulched the toe of the slope slide to provide for soil stabilization.

PROJECT NOTES:

- Round Top Park is owned and maintained by the applicant.
- The applicant did not remove any tree stumps, but left them in-place to promote soil stabilization.
- Applicant's employee Kyle Chergosky is a temporary worker.
- The applicant's work was compliant with FEMA Policy 9524.2 B.1 and 2.
- The applicant complied with their procurement policy (attached).

Location Description:

County wide

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	135DR1N-12
Activity Title:	Debris Removal

Activity Category:

Debris removal

Project Number:

135DR1-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Broome County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Broome County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$13,973.07
Total Budget	\$0.00	\$13,973.07
Total Obligated	\$0.00	\$13,973.07
Total Funds Drawdown	\$0.00	\$13,973.07
Program Funds Drawdown	\$0.00	\$13,973.07
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$13,973.07
Broome County2	\$0.00	\$13,973.07
Most Impacted and Distressed Expended	\$0.00	\$13,973.07
Match Contributed	\$0.00	\$0.00

Activity Description:

The incident generated house-hold hazardous debris were brought to the house-hold hazardous waste collection center at the Broome County Landfill, located at 286 CR-73 (Knapp Rd) Binghamton NY 13905-5706 (GPS: 42.23762, -75.98370) for safe management.

Using contract labor, equipment and materials the applicant collected, segregated and labeled 148 x 55-gallon drums, 3 x 85 gallon drums and 28 x 4-CY containers of incident generated hazardous waste. The contractor then transported the hazardous waste to a permitted RCRA Subtitle C facility for proper disposal.

Total contract cost for management and disposal of incident generated hazardous debris: \$55,892.30

This landfill is owned and operated by the applicant.

Location Description:

County Wide

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Project # / 317DR2-12 / Delaware County

Grantee Activity Number: 317DR1075A-12

Activity Title: Debris Removal

Activity Category:

Debris removal

Project Number:

317DR2-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Low/Mod

Activity Status:

Completed

Project Title:

Delaware County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:

Responsible Organization:

Village of Sidney

Overall

Total Projected Budget from All Sources

Oct 1 thru Dec 31, 2019

N/A

To Date

\$3,255.38

Total Budget

\$0.00

\$3,255.38

Total Obligated

\$0.00

\$3,255.38

Total Funds Drawdown

\$0.00

\$3,255.38

Program Funds Drawdown

\$0.00

\$3,255.38

Program Income Drawdown

\$0.00

\$0.00

Program Income Received

\$0.00

\$0.00

Total Funds Expended

\$0.00

\$3,255.38



Village of Sidney	\$0.00	\$3,255.38
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

317DR2IP-12 PA-02-NY-4031-PW-00352 PA-02-NY-4031-State-0005(4)

In response to severe incident-period flooding of residences within the Village of Sidney during the incident period Sept. 7 through Sept. 11, 2011, the Town of Sidney was activated by the Delaware County Emergency Management Office to undertake emergency response measures within the Village of Sidney. This PW addresses force account labor and equipment costs incurred by the Town of Sidney while undertaking emergency debris removal work within the Village of Sidney, as requested by the Village under the auspices of the Delaware County Emergency Management Office.

Utilizing Force Account Labor and Equipment, the Town of Sidney removed approx. 1,976-cys of woody vegetative and mixed C & D debris from curbside, and from public property within the Village of Sidney. The Town of Sidney transported said debris to the Waste Recovery Enterprises LLC disposal site, 122 Valley View Road Bainbridge, NY 13733, and disposed of said debris at this site.

This Project Worksheet captures force labor and equipment costs billed to the Village of Sidney, by the Town of Sidney, for the incident-period force account debris removal services undertaken by the Town within the Village as captured above, under the auspices of the Delaware County Emergency Management Office emergency activation order. Town billing is reflected in Force Account Labor and Equipment Records, as compiled by the Town of Sidney. This Project Worksheet recognizes claims for Force Account overtime. This Project Worksheet does not recognize claims for Force Account regular time.

All costs associated with disposal of debris addressed here are, per the Village of Sidney, to be paid by Delaware County.

Note: The subgrantee is requesting direct administrative costs that are directly chargeable to this specific project. Associated eligible work is related to administration of the PA project only and in accordance with 44 CFR 13.22. These costs are treated consistently and uniformly as direct costs in all Federal awards and other subgrantee activities and are not included in any approved indirect cost rates.

Estimated cost per cubic yard for debris removal and disposal work addressed here: \$13.67 / cy.

Estimate is arrived at as follows:

Assume average ½-hour drive time to debris loading/removal site, travel being from debris disposal site, dump trucks (5-EA) claimed here.

1A) Assume average 1-hour debris load time, dump trucks (5-EA) claimed here.

1B) Assume average ½-hour drive time from debris loading site, travel being to disposal site, dump trucks (5-EA) claimed here.

1C) Total estimated debris disposal round trip: ½-hour + 1-hour + ½-hour = 2-hours.

2A) Hours claimed for Dump Truck 36, 12-cy dump box: 68.5. Refer to contract (Town of Sidney) equipment records.

2B) Calculation of trips to/from disposal site by Dump Truck 36: (68.5-hours total load-haul time / 2-hours per individual load-haul trip) = 34.25-trips, round to 34-trips (estimate).

2C) 34-trips x 12-cys per trip = 408-cys debris hauled to disposal site (estimate).

3A) Hours claimed for Dump Truck 24, 12-cy dump box: 58.5. Refer to contract (Town of Sidney) equipment records.

3B) Calculation of trips to/from disposal site by Dump Truck 24: (58.5-hours total load-hul time / 2-hours per individual load-haul trip) = 29.25-trips, round to 29-trips (estimate).

3C) 29-trips x 12-cys per trip = 348-cys debris hauled to disposal site (estimate).

4A) Hours claimed for Dump Truck 33, 12-cy dump box: 60.5. Refer to contract (Town of Sidney) equipment records.

4B) Calculation of trips to/from disposal site by Dump Truck 33: (60.5-hours total load-haul time / 2-hours per individual load-haul trip) = 30.25-trips, round to 30-trips (estimate).

4C) 30-trips x 12-cys per trip = 360-cys debris hauled to disposal site (estimate).

5A) Hours claimed for Dump Truck 4, 10-cy dump box: 94.5. Refer to contract (Town of Sidney) equipment records.

5B) Calculation of trips to/from disposal site by Dump Truck 4: (94.5-hours total load-haul time / 2-hours per individual load-haul trip) = 47.25-trips, round to 47-trips (estimate).

5C) 47-trips x 10-cys per trip = 470-cys debris hauled to disposal site (estimate).

6A) Hours claimed for Dump Truck 3, 10-cy dump box: 78.5. Refer to contract (Town of Sidney) equipment records.

6B) Calculation of trips to/from disposal site by Dump Truck 3: (78.5-hours total load-haul time / 2-hours per individual load-haul trip) = 39.25-trips, round to 39-trips (estimate).

6C) 39-trips x 10-cys per trip = 390-cys debris hauled to disposal site (estimate).....

7) Total cubic yardage hauled to chipping site: 408-cys + 348-cys + 360-cys + 470-cys + 390-cys = 1,976-cys (estimate).

8) Estimated cost per cubic yard: \$27,003.77 / 1,976 = \$13.67 / cy (estimate).

GPS coordinates on the Cover Sheet were recorded at the Village of Sidney Village Hall, 21 Liberty Street, Sidney, NY.

317DR2IQ-12 PA-02-NY-4031-PW-02189 PA-02-NY-4031-State-0032(31)

In response to severe flooding during the incident period Sept. 7 through Sept. 11, 2011, Applicant utilized force account and contractual services in the removal and disposal of approx. approx. 10,062.56-cys of mixed woody vegetative and C&D debris from roadways and adjacent rights-of-way, park grounds, and related Village grounds and facilities, village-wide, within the Village of Sidney, NY.....

Force account labor hours, work completed this Project Worksheet:.....

977.0, regular time; 0, eligible (emergency work).

93.5, overtime.

Force account equipment hours, work completed this Project Worksheet: 952.5.....
 Equipment hours (work completed) have been verified and cross-checked with Labor hours by FEMA Project Specialist.....
 Note: Applicant has not submitted the names of equipment operators for work addressed in this Project Worksheet. Because of this, Project Specialist is unable to cross-correlate/link force account labor hours to force account equipment hours.....
 Project Specialist has verified that daily totals of force account labor hours meet or exceed daily totals of force account equipment hours.....

Mitigation not eligible. (Category A Project Worksheet.).....

What follows: derivation of dollar / cubic yard cost estimate for debris removal, this Project Worksheet.

Estimated cost per cubic yard associated with debris removal and disposal work addressed here: \$6.48 / cy. This estimate is arrived at as follows:.....

(1) Force Account Debris Removal Work, September and October, 2011:.....

(a) The Village of Sidney, utilizing force account services (captured in this Project Worksheet) removed eligible mixed woody vegetative and C&D debris from within the Village, and transported this debris to the Waste Recovery Enterprises landfill referenced in this Project Worksheet, where the Village then disposed of it. Also per Applicant, Delaware County assumed all disposal/landfill costs associated with disposal of this debris.

(b) Also per Applicant, the debris work referenced in (a) above resulted in the disposal of 2,367.37-tons of mixed woody vegetative and C&D debris at the Waste Recovery landfill referenced here, by the Village of Sidney during September and October, 2011. This tonnage figure (2,367.37-tons) was provided by Delaware County to the Village of Sidney at the request of the FEMA Project Specialist preparing this Project Worksheet.....

(c) 2,367.37 tons of disposed debris, as submitted in (a) and (b) above, translates to 9,469.48-cys, mixed debris, per Public Assistance Debris Operations Job Aid, FEMA 9580.1, page 27, 1:4 tonnage-to-yardage conversion factor.

From this guidance, $2,367.37\text{-tons} \times 4 = 9,469.48\text{-cys}$

(2) Force Account Debris Removal Work, March and April, 2012:.....

(a) Per Applicant, the Village of Sidney incurred all disposal costs for eligible debris removed by the Village (from within the Village) during March and April, 2012, as captured in this Project Worksheet.....

(b) Based on disposal load slips submitted by Waste Recovery Enterprises to the Applicant, corresponding to disposal of debris by the Village during March and April, 2012 (said debris generated in response to Tropical Storm Lee, per Applicant), 8.77-tons of mixed debris was deposited by the Village at Waste Recovery in coordination with the March and April, 2012 debris removal work. This figure as arrived at by adding tonnages from submitted Waste Recovery Load Slips as follows:.....

$1.09\text{-tons} + 1.13\text{-tons} + 5.53\text{-tons} + 0.94\text{-tons} + 0.08\text{-tons} = 8.77\text{-tons}$

(c) 8.77-tons of disposed debris, as calculated in (b) above, translates to 35.08-cys, mixed debris, per Public Assistance Debris Operations Job Aid, FEMA 9580.1, page 27, 1:4 tonnage-to-yardage conversion factor. From this guidance, $8.77\text{-tons} \times 4 = 35.08\text{-cys}$

(3) Contract Debris Removal and Disposal Work, S & S Enterprises, on the behalf of the Village of Sidney:.....

(a) Based on invoicing submitted by S & S Enterprises for contract debris removal work undertaken on behalf of the Village of Sidney, in response to Tropical Storm Lee, this contractor removed and disposed of 65.5-tons of mixed debris. (Refer to invoicing, $29\text{-tons} + 30.5\text{-tons} + 6\text{-tons} = 65.5\text{-tons}$.).....

(b) 65.5-tons of disposed debris, as calculated in (a) above, translates to 262-cys, mixed debris, per Public Assistance Debris Operations Job Aid, FEMA 9580.1, page 27, 1:4 tonnage-to-yardage conversion factor. From this guidance, $65.5\text{-tons} \times 4 = 262\text{-cys}$

(4) Contract Debris Removal and Disposal Work, All Weather Enterprises, on the behalf of the Village of Sidney:

Project Specialist estimates that debris removal work undertaken by All Weather Enterprises resulted in removal and disposal from within the Village of Sidney (in response to Tropical Storm Lee, per Applicant), of 296-cys of eligible debris. This figure is calculated as follows:.....

(a) Based on invoicing submitted by All Weather Enterprises, debris removal work involving All Weather Enterprise 8-cy dump trucks required 55.5 hours. This work included loading of dump trucks, transport of dump trucks to the Waste Recovery Enterprises landfill, unloading and disposal of debris from dump trucks at the landfill, and return of dump trucks to the Village of Sidney for additional debris loading (all in response to Tropical Storm Lee).....

(b) Assume 0.75-hour is required to load one 8-cy dump truck, 0.5-hour is required to transport and dispose of debris that was loaded into this dump truck, and 0.25-hour is required to this return dump truck to debris removal sites. On this basis, the total estimated time to remove, transport and dispose of debris associated with one 8-cy dump truck is as follows: $0.75\text{-hour} + 0.5\text{-hour} + 0.25\text{-hour} = 1.5\text{-hour}$ (per 8-cy load).....

(This estimate is based on a relatively short travel-time from loading site to disposal site. Based on the Applicant's submittals, and the close proximity of the Waste Recovery Enterprises landfill to the Village of Sidney, this assumption appears to be reasonable.).....

(c) From (a) above, All Weather Enterprises debris removal work included 55.5 hours directly involving dump truck loading, transport and disposal. (Refer to backup.)

From (b) above, an estimated 1.5-hours were required per dump truck load referenced in this section (4).

Based on the values in (b) and (c) above, 37-loads were handled by All Weather Enterprises dump trucks. This value (37-loads) is calculated as follows: $55.5\text{-hours} \times (1\text{-load} / 1.5\text{-hours}) = 37\text{-loads per 8-cy dump truck}$

(d) $[37\text{-loads, from (c) above}] \times [8\text{-cy} / \text{load}] = 296\text{-cys}$ (estimate) of debris handled by All Weather Enterprises, for the Village of Sidney, in response to Tropical Storm Lee.....

5) Calculation of total estimated cubic yardage, mixed debris, removed, transported and disposed of, in response to DR-4031-NY, on behalf of the Village of Sidney:.....

From (1), (2), (3) and (4) above, 10,062.56-cys (estimate) of mixed debris were removed, transported and disposed of, in response to DR-4031-NY, on behalf of the Village of Sidney, as follows:.....

$9,469.48\text{-cys} + 35.08\text{-cys} + 262\text{-cys} + 296\text{-cys} = 10,062.56\text{-cys}$ (estimate).....

6) Calculation of estimated cost / cubic yard, mixed debris, removed, transported and disposed of, in response

to DR-4031-NY, on behalf of the Village of Sidney, excluding direct administrative costs, follows.....
 (a) Total Project Costs, this Project Worksheet, excluding direct administrative costs: \$65,203.13.....
 (b) Total estimated cubic yardage, removed, transported, disposed of, this Project Worksheet: 10,062.56.....
 (c) Cost per cubic yard, remove, transport, dispose of mixed debris, this Project Worksheet:.....
 $\$65,203.13 / 10,062.56\text{-cys} = \$6.48 / \text{cy}$

Location Description:

Village Wide

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	317DR1143A-12
Activity Title:	Debris Removal

Activity Category:

Debris removal

Project Number:

317DR2-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Delaware County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Town of Tompkins

Overall
Total Projected Budget from All Sources
Oct 1 thru Dec 31, 2019

N/A

To Date

\$4,393.68

Total Budget

\$0.00

\$4,393.68

Total Obligated

\$0.00

\$4,393.68

Total Funds Drawdown

\$0.00

\$4,393.68

Program Funds Drawdown

\$0.00

\$4,393.68

Program Income Drawdown

\$0.00

\$0.00

Program Income Received

\$0.00

\$0.00

Total Funds Expended

\$0.00

\$4,393.68

Town of Tompkins

\$0.00

\$4,393.68

Most Impacted and Distressed Expended

\$0.00

\$0.00

Match Contributed

\$0.00

\$0.00

Activity Description:

317DR2AL-12 PA-02-NY-4020-PW-03247(0) PA-02-NY-4020-State-0026(25)

The Applicant utilized force account labor and equipment in the removal and disposal of approximately 626.1-cys (estimate) of woody vegetative debris, deposited on Town roadways and adjacent rights-of-way during the incident period August 26 through September 5, 2011.....

Per Applicant, all debris addressed in this Project Worksheet was cut up and chipped on site. Chips were then dispersed on adjacent roadway embankments for natural decomposition.....

Per Applicant, all work addressed here was undertaken on non-FHWA roadways, owned, operated and maintained by the Town of Tompkins.....

Location Description:

Town Wide

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	317DR1191A-12
Activity Title:	Debris Removal

Activity Category:

Debris removal

Project Number:

317DR2-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Delaware County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:

Responsible Organization:

Town of Walton

Overall

Total Projected Budget from All Sources

Oct 1 thru Dec 31, 2019

N/A

To Date

\$7,019.01

Total Budget

\$0.00

\$7,019.01

Total Obligated

\$0.00

\$7,019.01

Total Funds Drawdown

\$0.00

\$7,019.01

Program Funds Drawdown

\$0.00

\$7,019.01

Program Income Drawdown

\$0.00

\$0.00

Program Income Received

\$0.00

\$0.00

Total Funds Expended

\$0.00

\$7,019.01

Town of Walton

\$0.00

\$7,019.01

Most Impacted and Distressed Expended

\$0.00

\$0.00

Match Contributed

\$0.00

\$0.00

Activity Description:

Location Description:

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	317DR1192A-12
Activity Title:	Park Road Area

Activity Category:

Construction/reconstruction of streets

Project Number:

317DR2-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Delaware County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Village of Walton

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$519.18
Total Budget	\$0.00	\$519.18
Total Obligated	\$0.00	\$519.18
Total Funds Drawdown	\$0.00	\$519.18
Program Funds Drawdown	\$0.00	\$519.18
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$519.18
Village of Walton	\$0.00	\$519.18
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

The applicant utilized 48 hours of force account overtime labor hours and 48 equipment hours to protect the public health, safety and their property.

The applicant resolved the threats to the safe travel of emergency vehicles, life, public health or safety and improved property by taking the following actions: 1) Removed sediment from catch basins. 2) Pushed woody debris to the side of roads. 3) Blocked off Park Rd. 4) Checked their facilities for damage. This project worksheet covers the highway department's efforts to identify damaged facilities and make minor repairs to restore their safety. Category C Project Worksheets will be written for this applicant to cover all other repairs.

Note: PW is for emergency work, so regular time labor is not eligible. Regular time labor has been quantified so that the hours can be reconciled against equipment hours.

Location Description:

Park Road

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	317DR260A-12
Activity Title:	Town of Colchester Debris Removal

Activity Category:

Debris removal

Project Number:

317DR2-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Delaware County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Town of Colchester

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$500.49
Total Budget	\$0.00	\$500.49
Total Obligated	\$0.00	\$500.49
Total Funds Drawdown	\$0.00	\$500.49
Program Funds Drawdown	\$0.00	\$500.49
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$500.49
Town of Colchester	\$0.00	\$500.49
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

317DR2K-12 Debris Removal PA-02-NY-4020-PW-06398 PA-02-NY-4020-State-0063(62)

The applicant utilized 40-hours of force account labor (24-regular time labor hours and 16-overtime labor hours) and 56-hours of force account equipment to clear the woody debris from approximately 60 centerline miles of Township roads. Equipment hours exceed labor hours due to use of chainsaws.

The applicant disposed of woody debris on site. Since the woody debris were disposed of onsite and within Colchester the applicant does not know how many trees or CY of woody debris was cleared. The applicant debris clearing operation was substantially similar to the Town of Walton's operation (PW #7804701). Walton's cost to remove woody debris was \$32.61 / CY. This cost is assumed for the Town of Colchester. Since the Town of Colchester spent a total of \$2,001.98 in force account overtime labor and equipment removing debris it is assumed that they removed $\$2,001.98 / \$32.61 = 61$ CY of woody debris.

Location Description:

Town wide debris removal

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	317DR260B-12
Activity Title:	Holiday Brook

Activity Category:

Construction/reconstruction of streets

Project Number:

317DR2-12

Projected Start Date:

09/07/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Delaware County

Projected End Date:

09/07/2013

Completed Activity Actual End Date:
Responsible Organization:

Delaware County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$38,251.35
Total Budget	\$0.00	\$38,251.35
Total Obligated	\$0.00	\$38,251.35
Total Funds Drawdown	\$0.00	\$38,251.35
Program Funds Drawdown	\$0.00	\$38,251.35
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$38,251.35
Delaware County2	\$0.00	\$38,251.35
Town of Colchester	\$0.00	\$0.00
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

Please note that at the time this activity was set up, DRGR did not allow the census data to be included for Census Tract 991300 BG 1,2, and 3. This is expected to be corrected.

The total population for the Town of Colchester is 1,946, 869 or 44.7% of whom are low-and moderate income.

This PW is for the construction of a temporary bridge that will need to be removed for the installation of the permanent structure that will be covered by a future PW. This is a category B PW and regular time labor is not eligible. Regular time labor hours have been tabulated so that force account equipment hours can be reconciled. The applicant opened the road to traffic and eliminated the threat to public safety by restoring access to the area.

Site - The applicant procured a temporary bridge from the Delaware County DPW and installed the bridge with the assistance of contractor labor and Delaware County DPW (treated as contractor labor). The bridge is 61 FT long x 15 FT wide and is constructed of pressure treated wood and steel box beams. Pinned stackable stone walls were constructed to serve as abutments and wing walls for the bridge. Aggregate was installed to backfill the walls and build up the approaches to the bridge. The work consisted of the following:

- 1) Remove existing 8 FT long (span) x 20 FT wide (driving width) x 10 FT tall 3-sided reinforced concrete box culvert.
- 2) Install 131 FT long (65.5 FT per side) x 7 FT wide x 14 FT tall = 12,838 CF / 27 = 475.5 CY x 1.8 tons / CY = 856 (858.37) tons of pinned stackable rip-rap as abutments and wingwalls for the temporary bridge.
- 3) Install 131 FT long (65.5 FT per side) x 5.5 FT wide x 14 FT tall = 10,087 CF / 27 = 374 CY of run of bank gravel (242 CY x 1.5 tons / CY = 363 tons) and cobbles (132 CY x 1.5 tons / CY = 198 tons) as backfill for the stackable rip-rap.
- 4) Install 61 FT long x 15 FT wide pressure treated wood and steel box beam bridge.

- 5) Install 20 FT wide x 80 FT long x 3.2 FT tall = 5,120 CF / 27 = 190 CY x 1.5 tons / CY = 285 tons screened gravel to build up the approaches to the bridge.
- 6) Install 20 FT wide x 80 FT long x 5.5 FT tall = 8,800 CF / 27 = 326 CY x 1.5 tons / CY = 489 (487.84) tons crusher run on top of the screened gravel to build up the approaches to the bridge.

Location Description:

Town of Colchester, Holiday Brook Bridge

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	317DR2AH-12
Activity Title:	Debris Removal

Activity Category:

Debris removal

Project Number:

317DR2-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Delaware County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Town of Roxbury

Overall
Total Projected Budget from All Sources
Oct 1 thru Dec 31, 2019

N/A

To Date

\$49,996.19

Total Budget

\$0.00

\$49,996.19

Total Obligated

\$0.00

\$49,996.19

Total Funds Drawdown

\$0.00

\$49,996.19

Program Funds Drawdown

\$0.00

\$49,996.19

Program Income Drawdown

\$0.00

\$0.00

Program Income Received

\$0.00

\$0.00

Total Funds Expended

\$0.00

\$49,996.19

Town of Roxbury

\$0.00

\$49,996.19

Most Impacted and Distressed Expended

\$0.00

\$0.00

Match Contributed

\$0.00

\$0.00

Activity Description:

The applicant utilized Force Account Equipment and Contracts to remove woody and granular debris. The applicant had no Force Account overtime that would be eligible for reimbursement. The woody debris was chipped and spread into the woods so an accurate quantity is not available.... The applicant used a commercial firm which performed the chipping over 54 hours of activity. The majority of the debris that was handled was granular debris.... The applicant primarily had the work performed by contractors with the support of Force Account Equipment.

The applicant had to remove debris from the upstream and downstream side of numerous culverts to return the stream to the pre-storm condition and capacity. The work was generally performed within a 200 foot range of the culverts... In a couple of locations, the applicant had to perform stream work, alongside a roadway, where the diminished capacity of the stream resulted in the stream re-routing to flow in the road which caused damage to the roads....

The granular debris that was removed was either used along the stream bank for additional bank stabilization, placed along damaged areas of the road to be incorporated into the road damage repair, or hauled to a stockpile for use in the future in construction activities. Therefore, no definitive quantity of granular debris has been developed. The stockpile is located on land that the town uses for stockpiling material

Location Description:

Town Wide

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources	Amount
No Other Funding Sources Found	
Total Other Funding Sources	



Grantee Activity Number:	317DR2F-12
Activity Title:	Emergency Road Repairs

Activity Category:

Construction/reconstruction of streets

Project Number:

317DR2-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Delaware County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Delaware County2

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$1,615.47
Total Budget	\$0.00	\$1,615.47
Total Obligated	\$0.00	\$1,615.47
Total Funds Drawdown	\$0.00	\$1,615.47
Program Funds Drawdown	\$0.00	\$1,615.47
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$1,615.47
Delaware County2	\$0.00	\$1,615.47
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

The applicant utilized 119-hours of force account labor (115-hours of regular time labor and 4-hours of overtime labor), 68.5-hours of force account equipment and \$2877.62 for approximately 55-tons of True and Level (material used to temporarily repair road surfaces) to temporarily repair the surface of the county roads. These temporary repairs reduced the immediate threat to life, public health, and safety for the traveling public

Location Description:

County wide emergency road repair

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	317DR2S-12
Activity Title:	Repairs to Emory and Vly Creek

Activity Category:

Dike/dam/stream-river bank repairs

Project Number:

317DR2-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Low/Mod

Activity Status:

Completed

Project Title:

Delaware County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Delaware County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$3,260.59
Total Budget	\$0.00	\$3,260.59
Total Obligated	\$0.00	\$3,260.59
Total Funds Drawdown	\$0.00	\$3,260.59
Program Funds Drawdown	\$0.00	\$3,260.59
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$3,260.59
Delaware County2	\$0.00	\$3,260.59
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

This PW captures the cost of emergency protective measures performed on August 31, September 1 to 4 of 2011. The applicant used contract services to: Emory Brook rock was removed from the channel and placed along Wagner Ave by the bridge and along the bank behind the village garage. Vly Creek rock was removed from the channel and placed along Mill St. This was accomplished as follows:

Contract Services: On August 31 (Vly Creek) the applicant used HD Construction Inc. to reposition 270cy of gravel from the channel to reestablish a stream bank.

Contract Services: On September 1 (Vly Creek) the applicant used HD Construction Inc. to reposition 300cy of gravel from the channel, to rebuild the stream bank. Contract Services: On September 2 (Vly Creek and Emory Brook) the applicant used HD Construction Inc. to reposition 60cy of gravel from the channels to rebuild the stream banks. Contract Services: On September 2 and 3 (Vly Creek) the applicant used Boyle Excavating to remove 1200cy of gravel from the channel and placed it on Mill St to reposition the creek back in the channel. Contract Services: On September 4 (Emory Brook) the applicant used Boyle Excavating to remove 500cy of gravel from the channel and placed it on Wagner Ave. to reposition the brook back in the channel.

Location Description:

Emergency Repairs to Emory and Vly Creek

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	317DR2T-12
Activity Title:	Fleischmanns WWTP Emergency Repairs

Activity Category:

Construction/reconstruction of water/sewer lines or systems

Project Number:

317DR2-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Low/Mod

Activity Status:

Completed

Project Title:

Delaware County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Delaware County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$3,464.22
Total Budget	\$0.00	\$3,464.22
Total Obligated	\$0.00	\$3,464.22
Total Funds Drawdown	\$0.00	\$3,464.22
Program Funds Drawdown	\$0.00	\$3,464.22
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$3,464.22
Delaware County2	\$0.00	\$3,464.22
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

The applicant utilized contract services under a standing contract with Delaware Operations, Inc., a company which operates and maintains Fleischmann's Waste Water Treatment Plant (a copy of the operations and maintenance contract is attached to this PW). The WWTP utilized 186.5 man-hours from 8/28 - 10/19/2011 to place the plant into emergency storm mode and performed emergency operations to keep the plant operating, made emergency repairs to the 5 residential laterals, serviced the affected pump station and contracted out the removal of gravel from the manhole and replaced the manhole cover. As per the attached contractual agreement, Delaware Inc., has forwarded the costs of the contracted pumping costs and materials utilized to the applicant (Village of Fleischmanns), copies of invoices are attached. As of the writing of this project worksheet Delaware, Inc., has not provided a copy of the actual invoice for their storm related service costs, only a summary has been provided (attached). This project worksheet has been written based on this attached summary from Delaware operations, Inc.

Location Description:

Fleischmann's Waste Water Treatment Plant

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	317DR317A-12
Activity Title:	Debris Removal

Activity Category:

Debris removal

Project Number:

317DR2-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Delaware County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Delaware County2

Overall
Total Projected Budget from All Sources
Oct 1 thru Dec 31, 2019

N/A

To Date

\$116,898.70

Total Budget

\$0.00

\$116,898.70

Total Obligated

\$0.00

\$116,898.70

Total Funds Drawdown

\$0.00

\$116,898.70

Program Funds Drawdown

\$0.00

\$116,898.70

Program Income Drawdown

\$0.00

\$0.00

Program Income Received

\$0.00

\$0.00

Total Funds Expended

\$0.00

\$116,898.70

Delaware County2

\$0.00

\$116,898.70

Most Impacted and Distressed Expended

\$0.00

\$0.00

Match Contributed

\$0.00

\$0.00

Activity Description:

The applicant utilized 205.25-hours of FA Labor (186-hours of Regular Time (not compensated) and 19.25-hours of Overtime Labor), 187-hours of Force Account Equipment and the contracted services of the Town of Walton for the use of their hydro seeder (\$18.00 for 1.8-hours to apply hydro seed on the disturbed areas to control erosion) to remove the rocky debris from 400-ft of Covert Hollow Stream where it is joined by the second drainage feature.....

The estimate quantity of debris was approximately 1,740-cy (145-truckloads x 12-cy /truckload). The approximate cost to remove the debris was calculated at \$16,254.48 / 1,740-cy = \$9.34 / CY. The rocky debris was taken to an upland location for future use in accordance with the DEC Permit (attached).....

NOTE: Labor and Equipment costs were taken directly from spreadsheets supplied by the applicant. The FEMA Equipment Cost Codes, 20% of the labor hours, labor rates and benefit percentages were verified.....

The applicant utilized 135-hours of FA Labor (121-hours of Regular Time (not compensated) and 14-hours of Overtime Labor), 110.5-hours of Force Account Equipment and 21.5-hours (\$4213.47) of rented equipment to remove 1,157-CY (applicant estimated 1,188-CY) of rocky debris adjacent to CR 36 getting the stream off the road and back in its bank reducing immediate threat of damage to CR36.....

The estimate quantity of debris was approximately 1,157-CY of rocky debris. The approximate cost to remove the debris was calculated at \$14,141.98 / 1,157-cy = \$12.22 / CY.....

The rocky debris was transported and stockpiled at the following locations for future use; Town of Middletown (204-CY), Village of Margaretville (552-CY), Bridge 37-1 (108-CY), and the KDL lot 36-CY).....

NOTE: Labor and Equipment costs were taken directly from spreadsheets supplied by the applicant. The FEMA Equipment Cost Codes, 100% of the labor hours, labor rates and benefit percentages were verified.....

The applicant utilized 54-hours of FA Labor (40-hours of Regular Time (not compensated) and 14-hours of Overtime Labor), 36-hours of Force Account Equipment and \$1,000.00 for rented equipment to remove the woody and rocky debris from under and around the bridge thereby reducing immediate threat to lives, public

health and safety and / or the immediate threat of damage to improved property.

The major tasks involved were:

- 1) Remove the woody debris deposited on the bridge guide rails and right of way.
- 2) Removed 24-CY of woody debris that was jammed under the bridge (3 loads x 8-CY / load).
- 3) Removed 48-CY of woody debris upstream of the bridge (6-loads x 8-CY / load).
- 4) Remove 222-CY of gravel deposited downstream of the bridge.
- 5) Remove 590-CY of gravel that was deposited upstream of the bridge.

The estimate quantity of debris was approximately 222-CY + 590-CY = 812-CY of rocky debris and 24-CY + 48-CY = 72-CY of woody debris. The total amount of debris was 812-CY + 72-CY = 884-CY and the approximate cost to remove the debris was calculated at \$2,419.46 / 884-CY = \$2.74 / CY.

The woody debris was initially placed on the side and was transported by the applicant or NYS DOT to the temporary debris staging and transfer station on CR 38 (note &nashhere will not be any charges to the county for the transportation of the debris by NYS DOT forces). The transfer station on CR38 was operated by the applicant and the debris was permanently disposed of at Seneca Meadows Landfill and Auburn Landfill No. 2 (the costs for operating the transfer station were included in Subgrant Application U498812).

The rocky debris was placed back away from the stream edge and also between the trees along the stream. Some of this material was removed by NYS DOT for use at damaged sites that required fill.

It is the responsibility of the Delaware County Department of Public Works (DC DPW) to provide support services for the coordination, handling and ultimate disposal of solid waste debris within the affected area to eliminate health and safety hazards according to the Delaware County Emergency Plan.....

The DC DPW oversees the county landfill. The county landfill was nearing capacity when they invested in a state of the art recycling plant as part of their long term plans to handle solid waste. The long term plans include a provision to transport debris to surround areas to increase the lifespan of the County Landfill.....

DC DPW sought and received permission from the Town of Middletown to set up a temporary staging area to handle disaster related debris. The property owned by the Water Discovery Center located on County Route 38 was developed for a temporary staging area. The applicant developed a portion of the Water Discovery Center's property measuring approximately 650-ft x 165-ft = 2.25-acres to use as a temporary staging area.....

The applicant managed the processing of the debris within the staging area. The management included documenting the origin of the debris, segregating the different types of debris (including recycling tires and metal scrap), chipping, loading, and transportation of the different materials to their permanent disposal sites.....

The applicant utilized 728-hours of FA Labor (380.5-hours of regular time labor and 345.5-hours of overtime labor) and 1,156.55-hrs of FA Equipment (including 632.8-miles which adjusts the actual equipment hours to 523.75-hours) providing management for the debris temporary staging area.....

The temporary staging area handled a total of 5,539.215-tons of debris which included 37.73-tons of tires that were sent to BCD Tire Chip Mfg in Haganam, NY.

The estimated cost per ton for the staging and disposal of the disaster related debris is equal to \$433,995.45 / 5,539.215-tons = \$78.34 / ton. The Transportation and Disposal cost was \$58.00 / ton which means that the applicant managed the processing of debris for approximately \$78.34 / ton - \$58.00 / ton = \$20.34 / ton.....

The following contractors were utilized in the debris operations;.....

- 1) Barnyard Refrigeration recovered the Freon from the white goods.....
- 2) BCD Tire Chip Mfg - tire recycling services (16 William Street, Haganam, NY, Phone (518) 212-6969, FD #14-1832394, and DEC Permit #4A293).....
- 3) Boyle Excavating - rented equipment to move debris within the staging area. The equipment rates were based on 2011 Delaware County DPW Bid Book. The "First Choice" was not available and Boyle Excavating was the second choice. The applicant used the equipment w/operator bid item and backed out the labor costs to calculate an "Equipment Rate". Labor was then added into the equipment rate to compensate Boyle Excavating for the increased costs of overtime and double overtime labor that they would have to pay the employee since overtime work would be mandatory.....
- 4) Clark Companies provided equipment and operators that were utilized to grade the site back to pre-disaster conditions.....
- 5) Waste Recovery Enterprises, LLC handled the chipping of the woody debris prior to transportation to the permanent disposal sites.....
- 6) Riccelli Enterprises, Inc, Seneca Meadows and Tweedie Construction provided trucking services to transport the waste to Seneca Meadows Landfill and Auburn Landfill No. 2 (see attachments for specific landfill information including permit numbers, contact information and location).....
- 7) Uncle Bobs Portalets – rental and services of Porta Jons that were installed at the staging area.....
- 8) Town of Walton was contracted for the use of their hydro-seeding machine for erosion control.....
- 9) Otsego Auto Crushers L.L.C. – handled the processing of scrap metal that was collected as part of the disaster debris. The salvage value of the scrap metal was \$20,291.00. This is shown as a credit on the Cost Summary Record.....

The applicant had a pre-existing contract (which was awarded following their normal procurement policy) with Riccelli Enterprises, Inc. for the transportation and disposal of construction and demolition debris for the rate of \$58.00 / ton. The \$58.00-ton for the transportation and disposal of the debris = \$26.00 for the disposal of the debris + \$32.00 for the transportation of the debris.

This contract was used as the basis for other contractors to transport the debris to Seneca Meadows and Auburn Landfill No. 2.....

The applicant will contract the Town of Walton for the use of their hydro-seeding machine to re-apply hydro-seed to the disturbed area to control erosion. Hydro-seeding took place on December 6, 2011 and the results will be spotty at best. The applicant anticipates that the site will require a second application of hydro-seed in the spring to ensure the site is returned to its pre-disaster condition.....

317DR2CK-12 Management, Transportation and Disposal of Flood Related Debris PA-02-NY-4031-PW-00544 PA-02-NY-4031-State-0009(7)

It is the responsibility of the Delaware County Department of Public Works (DC DPW) to provide support services for the coordination, handling and ultimate disposal of solid waste debris within the affected area to eliminate health and safety hazards according to the Delaware County Emergency Plan.....

DC DPW contracted the services of Waste Recovery Enterprises, LLC (WRE) under an emergency procurement policy for the management and disposal of 2,210.36-tons of flood related debris (see Attachment #1) for a unit rate of \$78.00 / ton at their facility located on Valley View Road in Bainbridge, NY.....

WRE was unable to process the volume of debris at their main location and a second site owned by Industrial Development Agency on River Street in Sidney, NY (Tax Parcel No. 115.-1-6.11) was activated for a temporary

site for flood related debris management (see Attachment #2 - letter authorizing the use of the property).....
Tweedie Enterprises, Inc. was contracted to transport 157.10-tons of debris that was staged at the secondary site to the main WRE site at a rate of \$32.00 / ton. Barnyard Refrigeration was contracted to recover the Freon from 74-flood damaged appliances.....
The flood related debris was taken to four different Municipal Solid Waste Landfills. They were Ontario County Sanitary Landfill, Seneca Meadows Landfill, Chemung County Sanitary Landfill and Auburn Landfill No. 2 (see Attachment 3 for specific landfill information including permit numbers, contact information and location).....
The contract with WRE was deemed reasonable by the Delaware County DPW by comparison of their pre-existing contract (which was awarded following normal procurement policies) with Riccelli Enterprises, Inc. for the transportation and disposal of construction and demolition debris at the rate of \$58.00 / ton (see Attachment #4). Delaware County DPW used this cost as a basis for the emergency contract with WRE. DPW judged it reasonable for WRE to be responsible for the management of the debris for an additional \$20.00 / ton. The \$20.00 / ton is consistent with the costs incurred by Delaware County DPW to manage the debris at their disposal site in Margaretville, NY. The unit rate of \$32.00 / ton which was paid to Tweedie to transport the waste from the secondary site to the primary site consistent with the DC DPW contract with Seneca Meadows (i.e. \$58.00 for the transportation and disposal of the debris - \$26.00 for the disposal of the debris = \$32.00 for the transportation of the debris)
317DR2CL-12 Bridge 96 over the Red Kill Stream PA-02-NY-4031-PW-01042 PA-02-NY-4031-State-0014(13)
The applicant utilized 162.25-hours of FA Labor (127.25-hours of Regular Time (not compensated) and 35-hours of Overtime Labor) and 117.75-hours of Force Account Equipment to remove the woody and rocky debris from under and around the bridge thereby reducing immediate threat of damage to improved property.....
The major tasks involved were;.....
1) Remove 16-cys of woody debris that was jammed under the bridge.....
2) Remove 833-cy of rocky debris that was deposited downstream of the bridge.....
3) Remove 1,057-cy of rocky debris that was deposited upstream of the bridge.....
The estimated quantity of debris was approximately 16-cy (woody debris) + 833-cy (rocky debris) + 1,057-cy (rocky debris) = 1,906-cy. The approximate cost to remove the debris was calculated at \$9,831.33 / 1,906-cy = \$5.16 / cy.....
The woody debris was taken to the Delaware County Composting Facility.....
The rocky debris was loaded onto an off road dump truck and hauled to an upland location that was out of the flood plain and consistent with the permit

Location Description:

County wide removal

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	317DR324B-12
Activity Title:	Town of Deposit Emergency Road Repairs

Activity Category:

Construction/reconstruction of streets

Project Number:

317DR2-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Delaware County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Town of Deposit

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$2,087.62
Total Budget	\$0.00	\$2,087.62
Total Obligated	\$0.00	\$2,087.62
Total Funds Drawdown	\$0.00	\$2,087.62
Program Funds Drawdown	\$0.00	\$2,087.62
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$2,087.62
Town of Deposit	\$0.00	\$2,087.62
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

317DR20-12 Debris Removal PA-02-NY-4020-PW-07448 PA-02-NY-4020-State-0088(87)

In response to severe incident-period winds and flooding, the Applicant performed the following emergency protective measures:

(1) Emergency pushback of woody vegetative debris from Town roadways and rights-of-way, to include chainsawing as necessary

(2) Emergency incidental removal/scraping of sediments/mud from Town roadways, said sediments/mud then placed on/returned to adjacent roadway shoulders and embankments (natural disposition)

(3) Barricading of public roadways, and traffic control at sites of roadway flooding and tree blow-down

(4) Fielding of emergency calls from the general public, warning residents of dangerous conditions, performance of other disaster-related duties as required

Force account labor regular hours, excluding simultaneous chainsaw work: 120.0. (Ineligible; Category B work.)

Force account labor overtime hours, excluding simultaneous chainsaw work: 52.0.

Force Account equipment hours, excluding simultaneous chainsaw work: 164

Note 1: All debris pushback work addressed here was undertaken on roadways that are owned, operated and maintained by the Town of Deposit. Per Applicant, no debris pushback work was undertaken on FHWA roadways

Note 2: Per Applicant, all debris (woody, vegetative) that was pushed back from rights-of-way, as addressed in this Project Worksheet, was placed on adjacent right-of-way embankments or Town property for natural decomposition

Note 3: No service calls to other Applicant jurisdictions were undertaken by the Town of Deposit Highway Dept. in response to DR-4020-NY. On this basis, no donated resources were incurred by other Applicants as part of work addressed here

The cost per cubic yard for work addressed here is estimated to be \$16.98 / cy. This estimate is arrived at as follows
 (1) The Town of Deposit owns, operates and maintains 41.83 miles of non-FHWA roads and adjacent rights-of-way
 (2) Per discussion with Applicant, an estimated 5-trees per mile were push backed from Town roads and rights-of-way for cutting up, and/or natural decomposition
 (3) Assume Applicant pushback work involved the eastern hemlock and various species of maple trees
 (4a) Per website http://www.engineeringtoolbox.com/weight-wood-d_821.html, eastern hemlock and maple, non-dry tree densities are each approx. 50-lb per cubic ft
 (4b) Assume average tree height is 20-ft
 (4c) Assume average tree width (diameter) is 2-ft
 (4d) On the basis of (4b), and (4c) above, the estimated single-tree volume associated with blowdown trees, this Project Worksheet is 62.83-cf, or 2.33-cys
 (5) On the basis of (1), (2) and (4d) above, 487.3-cys of woody vegetative debris are estimated to have been push backed from Town of Deposit roadways and rights-of-way in response to incident-period blowdown and flooding. This value is calculated as follows:

$41.83\text{-miles} \times (5\text{-trees / mile}) \times (2.33\text{-cy / tree}) = 487.3\text{-cys}$

(6) The total cost claim, excluding direct administrative costs, submitted by the Applicant in association with this Project Worksheet, is \$8,275.98. (Refer to cover sheet, this Project Worksheet.)

(7) From (5) and (6) above, $\$8,275.98 / 487.3\text{-cys} = \$16.98 / \text{cy}$

317DR2EF-12 Beebe Hill Road PA-02-NY-4031-PW-02191 PA-02-NY-4031-State-0031(30)

In reponse to DR-4031-NY incident-period flooding, and resultant loss of roadway shoulder crushed stone, Beebe Hill Road at site with GPS coordinates 42.08234, -75.41329, Applicant undertook emergency protective measures as listed below, in anticipation of permanent repairs to said roadway shoulder and adjacent retaining wall:

Replace crushed stone, 60-ft (length) x 6-ft (width) x 1.5-ft (height), corresponding to 20-cys (27-tons), overlying damaged retaining wall, and extending, as shoulder material, to Beebe Hill Road paved roadway edge....

Note: Permanent repairs to the Beebe Hill Road site referenced here are addressed in Project Worksheet 2035703.

Force Account Labor Hours, Beebe Hill Road Emergency Work: 16-hours regular time (ineligible), 0-hours overtime.

Force Account Equipment Hours, Beebe Hill Road Emergency Work: 16-hours.

Work to be Completed.

Also in response to DR-4031-NY incident-period flooding, and resultant infill of one CMP culvert positioned beneath Roods Creek Road at site with GPS coordinates 45.015524, -75.353151, said culvert with approx. dimensions 5-ft x 12-in (diameter) corresponding to 5.2-cys, Applicant to remove native infill sediments and stone as follows:.....

(a) Contractually utilize one catch basin cleaning truck (FEMA Cost Code 8713), or equivalent thereof, to remove a maximum of approx. 5.2-cys of native sediments and stone from the culvert referenced here.....

(b) Utilizing force account services, place native sediments and stone removed from this culvert on adjacent embankments, compact and stabilize as necessary.

Development of cost estimate for work to be completed, remove debris from culvert pipe, Project Worksheet 2035712, follows:

(1) Force Account Labor, calculation of estimated cost, work to be completed:.....

(a) $(3\text{-employees} \times 1\text{-day / employee}) \times (6\text{ hours / day}) \times (\$16.05^* / \text{hour}) = \288.90 (estimate).

(b) Force Account Labor benefit calculation at 79.29%**: $\$16.05 \times .7929 = \$12.73 / \text{hour}$. Force Account Labor benefit claim: $(3\text{-employees} \times 1\text{-day / employee}) \times (6\text{ hours / day}) \times (\$12.73 / \text{hour}) = \$229.14$ (estimate).

(c) Total cost estimate, Force Account Labor: $\$288.90 + \$229.14 = \$518.04$ (estimate).....

(2) Force Account Equipment, calculation of estimated cost, work to be completed:.....

(a) Trailer, FEMA Cost Code 8600, $\$10.25 / \text{hour}$. Haul backhoe, 1-round trip, (each trip approx. 5-miles), $x .5\text{-hour / round trip} \times \$10.25 / \text{hour} = \$10.25$ (estimate).

(b) Backhoe, FEMA Cost Code 8572, $\$33.00 / \text{hour} \times 6\text{ hours / day} \times 1\text{ day} = \198.00 (estimate).

(c) Pick up Truck, 1-EA, FEMA Cost Code 8802, $\$20.00 / \text{hour} \times 6\text{ hours / day} \times 1\text{ day} = \120.00 (estimate).

(d) Total cost estimate, Force Account Equip.: $\$10.25 + \$198.00 + \$120.00 = \328.25 (estimate).....

(3) Rental Services, remove debris from culvert pipe referenced in this Project Worksheet:.....

(a) Truck, Cleaning Sewer/Catch Basin, based on FEMA Cost Code 8713, 14-cy hopper, $\$21.50 / \text{hour} \times 5\text{-hours} = \107.50 (estimate).

(b) Operator, contractual, of truck referenced in (a) immediately above: $5\text{-hours} \times \$16.05 / \text{hour} = \80.25 (estimate).

(c) Estimated fringe benefit rate, operator, 79.29%: $.7929 \times 5\text{-hours} \times \$12.73 / \text{hour} = \$63.65$ (estimate).

(d) Total cost estimate, contractual services: $\$107.20 + \$80.25 + \$63.65 = \251.40 (estimate).....

Total Cost Estimate, exclusive of Direct Admin Costs, work to be completed, this Project Worksheet: $\$518.04 + \$328.25 + \$251.40 = \$1,097.69$ (estimate).

* $\$16.05 / \text{hour}$ is the average hourly rate of Town of Deposit Highway Dept. field personnel.

** Applicant fringe benefit rate.

Note: Repair site traffic control flagger is included as part of the force account labor cost estimate included here.

The subgrantee is requesting direct administrative costs that are directly chargeable to this specific project. Associated eligible work is related to administration of the PA project only and in accordance with 44 CFR 13.22. These costs are treated consistently and uniformly as direct costs in all Federal awards and other subgrantee activities and are not included in any approved indirect cost rates.

Mitigation, addressing damages listed in this Project Worksheet, is ineligible. (This Project Worksheet addresses emergency measures.)

Applicant to acquire any necessary permits prior to commencement of work addressed in this Project Worksheet

Refer to New York State Emergency Authorization for Emergency Work, included as backup to this Project Worksheet.

Yardage-to-tonnage conversion factor used in this Project Worksheet is from Glover, Pocket Reference, Third

Edition.
Material quantities included with work completed, this Project Worksheet, appear to be reasonable.

Location Description:

Town wide emergency repairs

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	317DR396A-12
Activity Title:	Village Wide Debris Removal

Activity Category:

Debris removal

Project Number:

317DR2-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Low/Mod

Activity Status:

Completed

Project Title:

Delaware County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Village of Fleischmanns

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$7,753.82
Total Budget	\$0.00	\$7,753.82
Total Obligated	\$0.00	\$7,753.82
Total Funds Drawdown	\$0.00	\$7,753.82
Program Funds Drawdown	\$0.00	\$7,753.82
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$7,753.82
Village of Fleischmanns	\$0.00	\$7,753.82
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

317DR2P-12 (1) Debris Removal PA-02-NY-4020-PW-07240 PA-02-NY-4020-State-0092(91)

This PW captures the applicants costs (contract services) from September 3, and September 4, 2011 to bull doze and remove the Valkyrian Motel from the adjoining property, which the owner gave permission to do (see doc.) The motel debris was taken to the debris dump site located at County Rt. 38 in Arkville (GPS 42.15789 -74.61961 see location map). This proceeded as follows:

Valkyrian Motel:

Contract Services: The applicant used Phillips Construction for 17 hours (excavator at \$165.007hr) to tear down and remove the

Valkyrian Motel, at a cost of \$2,805.00 (see doc. PC-1 item5 and 6)

Site cost: \$2,805.00

Direct Administrative Cost: \$177.02

Total Cost: \$2,982.02

orksheets.)

(7) From (5) and (6) above, \$8,275.98 / 487.3-cys = \$16.98 / cy

317DR2P-12 (2) Debris Removal PA-02-NY-4020-PW-04545 PA-02-NY-4020-State-0055(54)

This PW captures the applicants costs (contract services) from 8/29/11 to 9/20/11 to clear the village owned sidewalks and roads, of 1244CY of flood debris (see doc. CT-1, CY-1 and CY-2) then transport it to the temporary debris site (village salt shed 42.15687 -74.54307 owned by the village and used as a staging area prior to the debris site in Arkville being opened up), then to the county permanent debris site located on Co. route 38 (42.15789 -74.61961) in Arkville. Vegetative debris was reduced and redistributed back into the environment, non vegetative debris (rock), was taken to the county gravel mine on Co. route 38 (42.15900 -74.61961) in Arkville for grinding and re use (refer to location map and photos). The applicant used contract services (HD CONSTRUCTION INC.) as follows:

Contract Services:

On August 29 the applicant used HD Construction Inc. to move 320cy of debris (160cy of the 320cy was woody debris) from the village salt shed to the county's debris sites. At a cost of \$3,285.00 (see doc CTA-1)

On August 30 the applicant used HD Construction Inc. to move 84cy of woody debris from the sidewalks on Main St to the village salt shed. At a cost of \$3,260.00 (see doc CTA-1)

On September 2 the applicant used HD Construction Inc. to move 45cy of debris (all of the debris was woody debris) from the village salt shed to the county debris site. At a cost of \$2,187.50 (see doc CTA-2)

On September 3 the applicant used HD Construction Inc. to move 65cy of woody debris from the village salt shed to the county debris site, and 100cy of gravel debris from Mill St to the village salt shed. At a cost of \$4,310.00 (see doc CTA-3)

On September 4 the applicant used HD Construction Inc. to move 80cy of woody debris from the village salt shed to the county debris site At a cost of \$1,000.00 (see doc CTA-3)

On September 5 the applicant used HD Construction Inc. to move 180cy of woody debris from curbs and sidewalks to the county's debris site. At a cost of \$2,695.00 (see doc CTA-3)

On September 16 the applicant used HD Construction Inc. to move 220cy of debris (100cy of the 220cy was woody debris) from the village salt shed to the county's debris sites. At a cost of \$2,500.00 (see doc CTA-5)

On September 20 the applicant used HD Construction Inc. to move 150cy of woody debris from curbs and sidewalks to the county's debris site. At a cost of \$1,700.00 (see doc CTA-5)

317DR2P-12 (3) Debris Removal PA-02-NY-4020-PW-02449 PA-02-NY-4020-State-0022(21)

To remove the imminent threat posed by the debris the applicant will utilize force account and/or, following their procurement policy, will obtain a contract vendor to do the following work.

Site # 2 & 3, Remove and Dispose of vegetative debris, 28CY.

317DR2P-12 (4) Debris Removal PA-02-NY-4020-PW-02449 PA-02-NY-4020-State-0022(21)

This PW captures the applicants costs (contract services) on 9/22/11,10/8/11, and 10/9/11 to clear sites 1, 2, and 3 of debris, and taken to the county dump site located on Co. route 38 (42.15789 -74.61961) and (42.15900 -74.61961) see location map.

This proceeded as follows:

Site 1 Village Library

Contract Services: The applicant used Franks Septic Serv. to provide a 30yd dumpster for debris removal, at a cost of \$275.00

(see doc. CON-A)

Site cost: \$275.00

Site 2 Village Theater

Contract Services: The applicant used Mountain Valley Fuel Wood Products and Recycling, Inc. to provide a 20yd dumpster for debris

removal, at a cost of \$550.00 (see doc. CON-B)

Site cost \$550.00

Site 3 Village Catch Basins

Contract Services: The applicant used Delaware County Dept of Public Works, to provide debris removal from catch basins, using a vacuum truck and personnel, at a cost of \$676.52 (see doc. CON-C)

Site cost \$676.52

Direct Administrative Cost \$95.93

Total Cost \$1,597.45

317DR2P-12 (5) Debris Removal PA-02-NY-4020-PW-03633 PA-02-NY-4020-State-0040(38)

This PW captures the applicants costs (contract services) on 9/22/11,10/8/11, and 10/9/11 to clear sites 1, 2, and 3 of debris, and taken to the county dump site located on Co. route 38 (42.15789 -74.61961) and (42.15900 -74.61961) see location map.

This proceeded as follows:

Site 1 Village Library

Contract Services: The applicant used Franks Septic Serv. to provide a 30yd dumpster for debris removal, at a cost of \$275.00

(see doc. CON-A)

Site cost: \$275.00

Site 2 Village Theater

Contract Services: The applicant used Mountain Valley Fuel Wood Products and Recycling, Inc. to provide a 20yd dumpster for debris

removal, at a cost of \$550.00 (see doc. CON-B)

Site cost \$550.00

Site 3 Village Catch Basins

Contract Services: The applicant used Delaware County Dept of Public Works, to provide debris removal from catch basins, using a vacuum truck and personnel, at a cost of \$676.52 (see doc. CON-C)

Site cost \$676.52

Direct Administrative Cost \$95.93

Total Cost \$1,597.45

317DR2P-12 (6) Debris Removal PA-02-NY-4020-PW-02841 PA-02-NY-4020-State-0102(100)

As determined by the Debris Strike Team site visit on 1/23/2012 the debris at the following site is not creating an imminent threat to improved property in the event of a five year event and the work to remove and dispose of it is ineligible per FEMA Recovery Policy 9523.5 "Debris Removal from Waterways" published March 29th, 2010.

Site # 1: There was no debris determined at this site do to snow and ice covering area.[Ineligible]

NRCS is looking at this site as a candidate for the EWP Program.

Attachment; Debris Team Report

For a flood an immediate threat is defined in the FEMA 321 policy digest, Page 70 "the immediate threat exists if a 5-year flooding event could cause damage to improved property or threaten lives, public health, and safety. This is not a flood that necessarily happens within 5 years, but a flood that has a 20 percent chance of occurring in any given year."

After coordination, however, with FEMA, NY State OEM, and the applicant, a zero-dollar project worksheet is written to provide the applicant with the opportunity to appeal this determination. In accordance with 206.206 of 44CFR, Applicants may appeal any FEMA determination related to an application for/or the provision of Federal assistance, but must do so within 60 days from receipt of the determination.

Location Description:

Village wiide debris removal

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources**Amount**

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	317DR497A-12
Activity Title:	Townof Hamden Debris Removal

Activity Category:

Debris removal

Project Number:

317DR2-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Delaware County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Town of Hamden

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$2,930.52
Total Budget	\$0.00	\$2,930.52
Total Obligated	\$0.00	\$2,930.52
Total Funds Drawdown	\$0.00	\$2,930.52
Program Funds Drawdown	\$0.00	\$2,930.52
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$2,930.52
Town of Hamden	\$0.00	\$2,930.52
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

317DR2U-12 Debris Removal PA-02-NY-4020-PW-00030 PA-02-NY-4020-State-0004(2)

Work Completed: The applicant utilized force account labor and equipment to clear the woody debris from town roads eliminating the immediate threat to human health and safety.

The applicant chipped the smaller limbs and left the larger woody debris onto the town owned right of way. The residents removed the larger wood from the right of way and utilized it for firewood.

The applicant utilized 234.5-hours of Force Account Labor (208-hours of regular time) and 321.5-hours of Force Account Equipment in the debris clearing operations.

The equipment hours exceed the labor hours due to multiple pieces of equipment per operator (i.e. 107-hours of chain saw usage).

Estimate amount of cleared woody debris was 732 CY.

317DR2FJ-12 Carmen, Ridge, West Terry, Burt Aikens and other Miscellaneous road repairs PA-02-NY-4031-PW-00006 PA-02-NY-4031-State-0001(0)

The applicant utilized 312-hours of force account labor and 323-hours of force account equipment to repair the damaged road to predisaster conditions. The equipment hours exceed the labor hours because a trailer was used to transport equipment and chainsaws were used to clear debris from damaged locations (debris cleanup was minor and incidental to the repair work). The repairs consisted of;

- 1)Burt Aikens Road, grade and repair road surface with crushed gravel - 63-cy
- 2)Carmen Road , grade and repair road surface with crushed gravel - 148-cy
- 3)Ridge Road, fill ditches with bank run - 104-CY
- 4)West Terry Road, fill ditches with bank run - 89-CY

Location Description:

Town wide debris removal

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	317DR505A-12
Activity Title:	Town of Hancock Debris Removal

Activity Category:

Debris removal

Project Number:

317DR2-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Delaware County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Townof Hancock

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$2,998.58
Total Budget	\$0.00	\$2,998.58
Total Obligated	\$0.00	\$2,998.58
Total Funds Drawdown	\$0.00	\$2,998.58
Program Funds Drawdown	\$0.00	\$2,998.58
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$2,998.58
Townof Hancock	\$0.00	\$2,998.58
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

317DR2X-12 Debris Removal PA-02-NY-4020-PW-01057 PA-02-NY-4020-State-0011(11)

In response to storm-related deposition of a minimum of approximately, 1,787-cys, of woody vegetative debris onto Town roadways and adjacent rights-of-way, during the incident period Aug. 26 through Sept. 25, 2011, the Town of Hancock utilized Force Account Services and rental (chipping) equipment to cut up, chip and dispose of this debris.....

>All debris removal work addressed here was undertaken on Town public, non-FHWA roadways, utilizing Town personnel and equipment, and rental (chipping) equipment.....

>All debris addressed here was chipped on site, and dispersed on adjacent embankments for natural decomposition.....

Force Account Regular time hours (ineligible, Category A): 555.0.

Force Account Overtime hours: 164.0.

Force Account Equipment hours: 388.0.....

Equipment hours have been verified and cross-checked with Labor hours by FEMA Project Specialist.....

Cost estimate (\$6.67 / cubic yard) for debris removal work addressed in this Project Worksheet is developed as follows...

> Assume Applicant chipped approximately 5-trees per mile.....

> Assume 15 8-in trees correspond to approximately 40-cys..... (Refer to Public Assistance Debris Operations Job Aid, FEMA 9580.1, p. 27.).....

> Total number of road miles (non-FHWA) owned, operated and maintained by the Town of Hancock: 134, per Applicant.

On the basis of the above figures, calculation of estimated yardage is as follows:

(134-miles x 5-trees / mile) x (40-cys / 15-trees) = 1,787-cys,

317DR2FM-12 Debris Removal PA-02-NY-4031-PW-00498 PA-02-NY-4031-State-0008(8)
 In response to severe incident-period flooding and resultant downed trees on Readburn Rd. embankment, guardrail, shoulder and roadway at site with GPS coordinates listed in the Damage Description, the Applicant undertook removal and disposal of this woody vegetative debris as follows:....
 Utilizing Force Account Labor, Equipment and rented equipment remove and chip the downed trees on-site.
 Transport remaining downed-tree stumps (approx. 3-EA, comprising a total of approx. 1.5-cys) to the Hancock Transfer Station, 1488 Green Flats Road (GPS Coordinates 41.95312°, -75.24254°), for disposal.....
 The applicant rented one Kobelco SK330LC Excavator and one chipper as part of this project.....
 All chips addressed here were dispersed along roadside embankment for natural decomposition. Stumps referenced here, deposited at the transfer station, were left for natural decomposition, or for use as firewood at no charge.....
 Note: The Applicant's claim (\$150.00) for the estimated chipper rental cost appears to be ineligible. The Applicant states no billing has been submitted by the vendor. Also, the Applicant has elected not to submit billing for rental of this chipper. Refer to backup documentation.....
 Equipment hours and material quantities have been verified and cross-checked with Labor hours by FEMA Project Specialist.....
 Force Account Regular time hours 40.0. (Ineligible, Category A work.)
 Force Account overtime hours: 0.
 Force Account Equipment hours: 20.0.....
 Refer to copy of New York State permit, included with this Project Worksheet, covering work addressed in this Project Worksheet
 317DR2FN-12 Stream Channel Cleaning, Stream Adjacent to Houck Mountain Road PA-02-NY-4031-PW-01938 PA-02-NY-4031-State-0026(25)
 The Applicant undertook contractual channel cleaning, Baxter Brook at site with GPS coordinates listed in the Damage Description. Per Applicant, gravels/cobbles cleaned from Baxter Brook were placed adjacent to Baxter Brook, beyond normal high water, and were graded and stabilized in accordance with NY DEC Emergency Authorization Dated 10/8/2011.....
 The Applicant also utilized the same contract services as those referenced above for incidental repositioning of stacked stone, adjacent to culvert headwalls at the site of the channel work referenced above. This work was completed in conjunction with the channel work referenced above.....
 Refer to NY DEC Emergency Authorization, and Applicant's Application for NY DEC General Permit GP-0-00-007 Authorization, included as backup with this Project Worksheet.

Location Description:

Town Wide Debris Removal

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources	Amount
No Other Funding Sources Found	
Total Other Funding Sources	

Grantee Activity Number:	317DR731A-12
Activity Title:	Town of Middletown Debris Removal

Activity Category:

Debris removal

Project Number:

317DR2-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Delaware County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Town of Middletown

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$21,677.61
Total Budget	\$0.00	\$21,677.61
Total Obligated	\$0.00	\$21,677.61
Total Funds Drawdown	\$0.00	\$21,677.61
Program Funds Drawdown	\$0.00	\$21,677.61
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$21,677.61
Town of Middletown	\$0.00	\$21,677.61
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

317DR2AE-12 Debris Removal PA-02-NY-4020-PW-06424 PA-02-NY-4020-State-0058(57)

The applicant utilized Force Account Labor (631 total hours of which 115.5 hours were eligible Overtime hours), Equipment (624 hours), Contracts and Rental Equipment (76.5 hours) to remove woody and granular debris. The applicant estimated the tons of woody debris based on the number of truck loads. The applicant estimated that there was a total of 825 tons (825/0.25= 3300 CY) of woody debris removed from the streets and upstream ends of culverts. The woody debris was transported to the Temporary Disposal site established by the County of Delaware and the county was responsible for the final disposal (See PW U498812 – Site 4 - Arkville Debris Temporary Staging Area, EMMIE No. 4577). The applicant estimated the tons of granular debris based on the number of truck loads. The applicant estimated there was a total of 863 tons of granular debris (863/1.3=664 CY). The applicant had to remove debris from the upstream and downstream ends of numerous culverts to return the streams to the pre-storm condition and capacity in order to protect the roads and culverts. The work was performed within a 75 foot range of the culverts. The applicant also had to remove granular debris that was deposited on the roads as a result of the high water flows that overtopped the banks and crossed the roads. Additionally the applicant had to clear debris from the streams alongside of the road that was a result of either a collapse of an existing stone wall or the result of a slump failure of the stream bank that diminished the capacity of the stream and threatened the integrity of the road itself. The granular debris that was removed was either used along the stream bank for additional bank stabilization, placed along damaged areas of the road to be incorporated into the road damage repair or hauled to the Town Gravel Pit for use in the future in construction activities. The total cost for debris removal was \$86,524.74 and the total debris was 3964 CY (3300+664= 3964). The cost per CY for the debris removal was \$21.83 per CY (86524.74/3964). No mitigation is allowed as the work is classified as Emergency Work.

317DR2KU-12 West Hubbell Hill Road PA-02-NY-4031-PW-02021 PA-02-NY-4031-State-0027(26)

WORK COMPLETED:



(Work done by force account)

Applicant removed or chipped woody debris as follows:

Applicant used 45 hours (regular time)force account labor and 38 hours equipment to remove 120 Tons (86 CY) of mud and 20 Tons (40 CY) of woody debris from West Hubbell Hill Road and rights-of-way. Mud debris was taken to a private landowner on Cape Horn Road (42.20822, -74.61567) and dumped in a hole. Woody debris was chipped on site and stumps that were uprooted were taken to the temporary site located on County Road 38 in Arkville, NY (42.15854, -74.61973). The temporary staging area has been cleaned up and debris taken to Seneca Meadows and Auburn Landfill No.2 (see attachment for specific information). The cost for the temporary debris staging site is captured on another project worksheet. Cost per Cubic Yard for this project worksheet is \$14.19 per cubic yard.....

Location Description:

Town Wide

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	317DR731B-12
Activity Title:	Waterway realignment

Activity Category:

Dike/dam/stream-river bank repairs

Project Number:

317DR2-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Delaware County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Town of Middletown

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$14,028.16
Total Budget	\$0.00	\$14,028.16
Total Obligated	\$0.00	\$14,028.16
Total Funds Drawdown	\$0.00	\$14,028.16
Program Funds Drawdown	\$0.00	\$14,028.16
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$14,028.16
Town of Middletown	\$0.00	\$14,028.16
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

317DR2AF-12 Streambank Repair PA-02-NY-4020-PW-05794 PA-02-NY-4020-State-0063(62)

The applicant utilized \$55,939.94 of contractor costs to realign the waterway back to its predisaster alignment and resolve the threats to public health, life and safety as well as improved property.

Site 1 - Use 2,778 CY of granular debris to reshape the brook channel and fill in a 324 CY section of eroded road.

Site 2 - Use on site granular debris to fill in 356 CY of eroded road.

Eligibility Concerns:

1) PAG p. 51 states that contracts shall meet local procurement policies. The Town hired a contractor on a time and material basis and did not seek multiple quotes. The Town's procurement policy (see attached) requires formal bids pursuant to GML, Section 103 for public works contracts over \$35,000. The Town did not follow their own procurement policy. The Town's procurement policy does include exceptions for emergencies. The Town did declare an emergency (see attached declaration). The Town also wrote a letter explaining why they did not bid out the contract after 70 hours (see attached letter). The work is assumed eligible, however, final eligibility to be determined at the JFO.

Note: The contractor billed the applicant separately for management overhead and profit. The management overhead and profit was lumped together and includes every project the contractor performed for the applicant. When spread across all projects the management overhead and profit is 24.4% of the costs to complete the work. The management overhead and profit invoices are attached and 24.4% of the costs to complete the work has been added as a contractor cost.

Location Description:

Town of Middletown waterway

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Project # / 477DR3-12 / Greene County

Grantee Activity Number: 477DR1131A-12

Activity Title: Debris Removal

Activity Category:

Debris removal

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:

Responsible Organization:

Village of Tannersville

Overall

Total Projected Budget from All Sources

Total Budget

Total Obligated

Total Funds Drawdown

Program Funds Drawdown

Oct 1 thru Dec 31, 2019

N/A

\$0.00

\$0.00

\$0.00

\$0.00

To Date

\$2,243.67

\$2,243.67

\$2,243.67

\$2,243.67

\$2,243.67



Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$2,243.67
Village of Tannersville	\$0.00	\$2,243.67
Most Impacted and Distressed Expended	\$0.00	\$2,243.67
Match Contributed	\$0.00	\$0.00

Activity Description:

Using 19 Hours O/T Force Account Labor, 124 Hours Force Account Equipment and Rental Equipment (\$3,075.00) Applicant, in an effort to clear roadways for Emergency Vehicles and Public Transport, removed approximately 133 C/Y of Loose Woody Debris (96 C/Y were chipped and reduced to 24 C/Y < 1 IN) and 37 C/Y of non-reduced logs, hauled the debris and deposited it in an approved landfill in Greene County (GPS 42.17079 -74.13717)

Location Description:

Village Wide

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources	Amount
No Other Funding Sources Found	
Total Other Funding Sources	

Grantee Activity Number:	477DR196A-12
Activity Title:	Debris Removal

Activity Category:

Debris removal

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Town of Catskill

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$5,047.25
Total Budget	\$0.00	\$5,047.25
Total Obligated	\$0.00	\$5,047.25
Total Funds Drawdown	\$0.00	\$5,047.25
Program Funds Drawdown	\$0.00	\$5,047.25
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$5,047.25
Town of Catskill	\$0.00	\$5,047.25
Most Impacted and Distressed Expended	\$0.00	\$5,047.25
Match Contributed	\$0.00	\$0.00

Activity Description:

477DR3EY-12 Debris Removal

PW Bundle

PA-02-NY-4020-PW-06987(0) PA-02-NY-4020-State-0083(82)

PA-02-NY-4020-PW-06990(0) PA-02-NY-4020-State-0083(82)

PA-02-NY-4020-PW-03111(0) PA-02-NY-4020-State-0036(35)

PA-02-NY-4020-PW-03892(0) PA-02-NY-4020-State-0041(41)

The Applicant used 163 hours of non-reimbursable straight time force account labor and 163 hours of force account equipment time to pick up and haul approximately 93 tons of C&D and household debris to the Greene County Solid Waste Management transfer facility and was finally disposed of at the Ontario County Landfill in Stanley NY. (42.85656, -77.07868) A contractor was used to haul one container to the Greene County Solid Waste Management transfer facility. The Project Specialist has reviewed the documentation submitted and found the costs reasonable.

The Applicant used 56 hours of non-reimbursable straight time force account labor, 46 hours of reimbursable force account overtime labor, 51 hours of force account equipment time and rental equipment to remove the gravel and woody debris from the three sites. --Site#1: The Applicant removed gravel and woody debris (60ft x 20ft x 1ft = 44.4cy gravel, 1200ft x 20ft x 0.5ft woody debris). (60ft x 20ft x 1ft gravel = 44.4cy, 60ft x 20ft x 1ft woody debris = 44.4 cy). The gravel debris was used as fill. The large tree trunks were cut up with a chain saw and stacked on the side of the road, where local residents reclaimed them for firewood. The brushy portion of the woody debris (estimated five dump truck loads, or 70 cy) was hauled to the Five Mile Woods Road Brush Dump, which is owned by the Town of Catskill. (GPS coordinates: 42.23702, -73.94738) --Site #2: the Applicant removed the woody debris that collected at the inlet end of the three tube culvert assembly estimated at (20ft x 10ft x 6ft = 44.4cy). Estimated three truck loads 42cy were hauled to the Five Mile Woods Road Brush Dump, which is owned by the Town of Catskill. (GPS coordinates: 42.23702, -73.94738). The Applicant pushed the



gravel to the sides of the stream bed creating a berm 6ft high. Estimated at (200ft x 20 ft x 2ft = 296cy) and (50ft x 20ft x 2ft = 74cy) down stream of the culvert assembly. --Site #3: The Applicant removed the woody debris collected at the inlet end of the box culvert and in the guide rails estimated at (20ft x 10ft x 6ft = 44.4cy). estimated three truck loads 42cy were hauled to the Five Mile Woods Road Brush Dump, which is owned by the Town of Catskill. (GPS coordinates: 42.23702, -73.94738). The gravel that accumulated in the stream bed upstream of the box culvert estimated at (100ft x 20ft x 2ft = 148.1cy) and (50ft x 20ft x 2ft = 74cy) down stream of box culvert was pushed to the sides of the stream bed to create a berm 6ft high.

Utilizing force account labor and equipment, the applicant completed the following work on the days listed: 10/3/11: - four force account personnel used the Gradall wheeled excavator and three dump trucks to haul approximately 5 x 12 CY and 10 X 10 CY truck loads of gravelly material to the Town of Catskill Five Mile Wood Road Dump for disposal; and, - the Gradall was also used to re-establish approximately 50 LF of ditchline along the southern side of the road.

Utilizing 88 OT hours of force account labor and 76 hours of equipment time, the applicant completed the following work on the days listed: 8/28/11: Six force account personnel used the front loader and two chain saws to get the seven fallen trees off the road. The trees were cut up enough to facilitate opening the road and then left on the side of the road. The steep terrain in this area and concerns about the possibility of downed power lines caused this work to go slowly. 9/16/11: Eight force account personnel used two dump trucks, the front loader, the Gradall wheeled excavator, a trailer-mounted brush chipper, and three chain saws to cut up the trees entirely and chip the branches, and re-established approximately 100 LF of ditchline where the roots that torn loose when the trees fell had blocked the ditch on the northern side of the road. The applicant estimates that 3 x 10 CY truck loads of chipped woody debris was taken to the Town of Catskill Five Mile Wood Road Dump (GPS coordinates: 42.23702, -73.94738) for disposal. If grinding typically results in a 75 percent reduction (Debris Management Guide, FEMA 325, July 2007, p. 23), this suggests that there was 120 CY of vegetative debris prior to chipping. The remainder of the wood was cut into pieces and left on the side of the road to be taken for firewood by the local residents. Photographs taken on 02/06/2012 show a pile of firewood that was approximately 8 CY in size; however, there was probably more firewood immediately after the tree removal was completed. By looking at the pieces in the firewood pile and the remaining stumps, a reasonable assumption is that there was at least two large (20-24" diameter) trees and the rest were medium-sized (estimate 14" diameter) trees. Online lumber calculators estimate that trees of this size would produce a total of 19 CY of firewood (see attached spreadsheet). Therefore, it is estimated that 120 + 19 = 139 CY of debris was generated on this project. This works out to a cost of (\$2,704.56 force account labor + \$1,730.60 force account equipment) / 139 CY = \$31.91/CY. However, this cost per cubic yard is biased high, because the costs include the time and equipment that was used to re-establish the ditchline as well. If 8 hours of excavator plus operator time are assumed to have gone to ditchline repair (\$312.00 excavator time @ \$39.00/hour + \$315.41 for the operator's 8 hours of force account labor @ \$39.43/hour), then the debris removal cost works out to \$27.39/CY.

Location Description:

Town Wide

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	477DR197A-12
Activity Title:	Village of Catskill Debris Removal

Activity Category:

Debris removal

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Low/Mod

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Greene County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$7,155.19
Total Budget	\$0.00	\$7,155.19
Total Obligated	\$0.00	\$7,155.19
Total Funds Drawdown	\$0.00	\$7,155.19
Program Funds Drawdown	\$0.00	\$7,155.19
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$7,155.19
Greene County	\$0.00	\$7,155.19
Village of Catskill	\$0.00	\$0.00
Most Impacted and Distressed Expended	\$0.00	\$7,155.19
Match Contributed	\$0.00	\$0.00

Activity Description:

Public Works force account labor and equipment was used to collect flood debris Village-wide in public rights-of-way for three weeks. The debris, 93 truck loads, totalling 111 tons of mixed waste, was hauled to Greene County Solid Waste Management's licensed, approved landfill at 181 State Route 385 Catskill, NY 12414 (42.25131, -75.83771). Greene County has waived tipping fees for portions of this event to member agencies. The applicant rented a chipper to assist with reducing volume and disposing of vegetative waste.

The applicant's ten eligible employees performed: 668 hours of regular labor (of which only 72 are eligible for one temp employee), and 73.50 hours of overtime, total man hours = 741.5. Various equipment 723 hours for this Category A project.

Location Description:

Village Wide

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	477DR292A-12
Activity Title:	Town of Coxsackie Debris Removal

Activity Category:

Debris removal

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Town of Coxsackie

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$8,064.69
Total Budget	\$0.00	\$8,064.69
Total Obligated	\$0.00	\$8,064.69
Total Funds Drawdown	\$0.00	\$8,064.69
Program Funds Drawdown	\$0.00	\$8,064.69
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$8,064.69
Town of Coxsackie	\$0.00	\$8,064.69
Most Impacted and Distressed Expended	\$0.00	\$8,064.69
Match Contributed	\$0.00	\$0.00

Activity Description:

Work Completed: Public Works force account labor and equipment was used town-wide to clear and relocate storm generated vegetative debris in public rights-of-way through September 13th following the storm. In addition, assistance was requested and rendered to four neighboring communities, under long standing handshake pacts to four neighboring communities to collect and dispose of household debris.

Approximately 800 CY of mixed waste debris was hauled to Greene County Solid Waste Management's licensed, approved landfill at 181 NY Rt. 385 Catskill, NY 12414 (42.25128, -75.83771). Greene County has waived tipping fees for portions of this event to member agencies.

The applicant's six eligible employees performed: 532 hours of regular labor, 96 hours of overtime labor and used 11 pieces of equipment totaling 612 hours of usage for this debris project.

Location Description:

Town Wide

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	477DR292C-12
Activity Title:	Town wide road repair

Activity Category:

Construction/reconstruction of streets

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Town of Cocksackie

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$10,810.52
Total Budget	\$0.00	\$10,810.52
Total Obligated	\$0.00	\$10,810.52
Total Funds Drawdown	\$0.00	\$10,810.52
Program Funds Drawdown	\$0.00	\$10,810.52
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$10,810.52
Town of Cocksackie	\$0.00	\$10,810.52
Most Impacted and Distressed Expended	\$0.00	\$10,810.52
Match Contributed	\$0.00	\$0.00

Activity Description:

Public Works Force Account Labor and Equipment was used to repair the eligible roadway, drainage ditch and headwall damage including:

Site 1 - Replaced 30 TN of item 4 stone.

Site 2 - Reshaped 120 LF ditches and replaced 36 TN of shale stone.

Site 3 - Repaired stone/concrete bridge headwall at 5-culvert creek crossing using on-site dislodged stones and replaced 25 TN of shale stone.

Site 4 - Replaced 37.34 TN of medium stone and 30 TN of item 4 stone.

Site 5 - Reshaped 809 LF ditches, replaced 12 IN x 40 LF and 18 IN x 40 LF sections of culvert pipe and replaced 10 TN of fine item 4 stone and 5 TN of super pave asphalt.

Site 6 - Reshaped 1035 LF of ditches and replaced 12 IN x 40 LF section of culvert pipe.

Location Description:

Town wide road repair

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	477DR293A-12
Activity Title:	Village of Cocksackie Debris Removal

Activity Category:

Debris removal

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Village of Cocksackie

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$1,478.56
Total Budget	\$0.00	\$1,478.56
Total Obligated	\$0.00	\$1,478.56
Total Funds Drawdown	\$0.00	\$1,478.56
Program Funds Drawdown	\$0.00	\$1,478.56
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$1,478.56
Village of Cocksackie	\$0.00	\$1,478.56
Most Impacted and Distressed Expended	\$0.00	\$1,478.56
Match Contributed	\$0.00	\$0.00

Activity Description:

477DR3U-12 PA-02-NY-4020-PW-03130 PA-02-NY-4020-State-0032(30)

The sub-grantee used force account labor (191 regular hours which are not eligible) and equipment (60 hours) to take away woody debris from roads, rights of way and public property to remove the threat to public health and safety. The sub-grantee picked up approximately 600 CY of woody debris and hauled it to a temporary storage site owned by the village of Cocksackie at 5 Cato Street, Cocksackie. A woody debris pile measuring 50 ft long x 20 ft wide x 8 ft deep remains at the site. Approximately half of the debris from the storm has been chipped (50 ft long x 20 ft wide x 8 ft deep), and the rest will be chipped as time allows, and used by the village. The cost of the debris removal is very reasonable as there were no eligible labor costs or contract costs.

477DR3V-12 PA-02-NY-4020-PW-03391 PA-02-NY-4020-State-0032(30)

Applicant used force account labor and equipment to perform emergency debris removal. Work included removal of tree debris from the drainage canal and catch basin area. Because work performed was emergency, only overtime labor is reimbursable. The 148 CY of debris was hauled to a temporary storage site owned by the village of Cocksackie at 5 Cato Street, Cocksackie. Applicant obtained written approval from land owner to access the canal and obtained all permits associated with this work. (see attached permit)

Cost of Debris per cy= \$2630.00/148 cy = \$17.77cy

Force Account Labor: 0 eligible hours

Force Account Equipment: 98 hours

Location Description:

Village Wide Debris Removal

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	477DR342A-12
Activity Title:	Town of Durham Debris Removal

Activity Category:

Debris removal

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Town of Durham

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$630.83
Total Budget	\$0.00	\$630.83
Total Obligated	\$0.00	\$630.83
Total Funds Drawdown	\$0.00	\$630.83
Program Funds Drawdown	\$0.00	\$630.83
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$630.83
Town of Durham	\$0.00	\$630.83
Most Impacted and Distressed Expended	\$0.00	\$630.83
Match Contributed	\$0.00	\$0.00

Activity Description:

Assistance was requested and rendered by the Town of Durham to the neighboring communities, under longstanding handshake pacts to collect and dispose of household debris. Approximately 120 cy of mixed waste debris was hauled to a holding site at S. Cairo, NY., 12482; and then disposed of at the Town of Colonie's Landfill; Permit # 01526. The only costs for this debris removal that is being requested by the Applicant is the contractual rental of the (6) 20 yd trash containers, delivery and pick-up of the trash containers and the Landfill Charge:

6) 20 yd Trash Containers - \$2100.00

Delivery & Pickup of Containers - \$150.00

Landfill Charge - \$241.60

Total: \$ 2,491.60

Location Description:

Town Wide

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	477DR3A-12
Activity Title:	Debris Removal

Activity Category:

Debris removal

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Greene County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$103,209.97
Total Budget	\$0.00	\$103,209.97
Total Obligated	\$0.00	\$103,209.97
Total Funds Drawdown	\$0.00	\$103,209.97
Program Funds Drawdown	\$0.00	\$103,209.97
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$103,209.97
Greene County	\$0.00	\$103,209.97
Most Impacted and Distressed Expended	\$0.00	\$103,209.97
Match Contributed	\$0.00	\$0.00

Activity Description:

Greene County used a combination of Force Account Labor and Equipment & Contract Services to collect and transport Mixed Debris from the County Right-of-Way to Three Collection Sites: Hunter, Windham, and Catskill Transfer Stations. The Debris that was collected at Hunter and Windham was then shipped to Catskill Transfer Station to be readied for disposal. The applicant hired a contractor, New England Waste Services to Dispose of all the Debris at Catskill Transfer Station to Ontario County Landfill for final disposal. Copies of the invoices, load tickets, and permits are attached to this Project Worksheet.

The total amount of Debris that was Disposed of by New England Waste Services as of 1/25/2012: 1,406.29 Tons of Vegetative, Household White Goods and C & D Debris.

The Contractor New England Waste Services charged the Applicant a total sum of \$84,902.43 to Haul and Dispose of 1,406.29 Tons of Mixed Debris. The price per ton for hauling and disposal is \$84,902.43/1,406.29 = \$60.37/tn.

The Applicant hired a contractor, DeGennaro Carting Co. LLC to set up Four Dumpsters for Mixed Debris throughout the County and Haul them to Catskill Transfer Station for a total cost of \$1,750.

Green County used FA Labor and Equipment to remove Debris from County roadways and to stage it at various collection sites.

Force Account Labor (overtime) of \$13,305.56 x 21.54% (fringe benefit rate) = \$2,866.02 for a total of [\$16,171.58]

NOTE: The FEMA review team used the applicants FA Labor Sheets which show \$16,152.75 in OT. The FEMA FA Spreadsheets show a different figure do to the Fringe Benefit differential between adding the Fringe on the hourly wage verses adding the Fringe on to the Total amount of the OT as the applicant does. SEE APPLICANT INCLUDED FA LABOR SHEETS



Force Account Equipment included Excavator, Backhoe & Tractor for \$7,176.00 and Truck Tractors, Trailers & GCHD Tri-Axle for \$9,035.00 for a total of \$16,211.00]

Additional costs include direct administrative costs of [\$5,906.25], rented a Crawler Loader, Excavator, and Two Dozers from Montano Equipment Co. Inc. for a total cost of \$5,176.25

The Temporary Collection sites are as follows:

1.) Catskill Transfer Station located at 183 NY-Rt. 385 Catskills, NY; GPS: 42.22422 -73.86208

2.) Windham Transfer Station located at County Rd. Rt. 21 Windham, NY; GPS: 42.31336 -74.24830

3.) Hunter Transfer Station located at 74 Hylan Rd Hunter, NY; GPS: 42.20137 -74.18407

The final disposal site was Ontario County Landfill located at 1879 State Route 5 and 20, Stanley, NY; GPS 42.86072 - 77.08182 which is a permitted facility.

The Applicant used 42 hours of nonreimbursable force account straight time labor and 40 hours of reimbursable force account equipment time to remove the sediment from the Catskill Point Park. The sediment was taken by the highway department, located at 240 W. Main St. Catskill NY for use as fill. The Applicant purchased a six foot 3pt box scraper attachment for a tractor to remove the sediment. The Applicant has insurance and a copy of the policy is on file at the Albany JFO. The Project Specialist has reviewed the documentation and found the costs reasonable.

Greene County set up an emergency contractual agreement with Peckham Industries in Ashland, NY. in which the debris would be staged at their facility as a temporary transfer site. The contract with Peckham also included the construction of a temporary road, the unloading of the incoming debris, use of their (Peckham's) equipment, and a site restoration of the temporary staging area after the work was completed for a total of \$43,276.09 + \$5,775.00 = [\$49,051.09]. After Greene County Highway Department removed mixed debris from the right-of-way of roads county-wide, the County enlisted the services of New England Waste Services of New York, Inc. - a company with which they have an ongoing contract -to haul the mixed debris to Ontario County Landfill, the final debris deposition site for a total of [\$47,886.32].

Assistance with debris removal and hauling of debris to the Ashland Temporary Transfer site included the following towns as emergency sub-contractors:

Town of Ancram \$ 8,697.20

Town of Athens \$ 2,955.32

Town of Chatham \$1,641.05

Town of Copake \$ 6,684.46

Town of Livingston \$ 4,973.64

Town of Stockport \$ 8,597.54

For a total of [\$33,549.21]

Force Account Labor (overtime) of \$1525.86 x 21.54% (fringe benefit rate) = \$328.67 for a total of [\$1853.40]

Force Account Equipment included the use of a dump truck (4 hours x \$35.00) = \$140.00, and a pick-up (2 hours x \$14.00) = \$28.00 for a total of [\$168.00]

Additional costs include direct administrative costs of [\$683.43], rental of an office trailer (set up at the temporary disposal site) for a total of [\$823.00], and a hazardous waste disposal fee of [\$154.00].

The County retained a Contractor to load, haul and dispose of 1,250CY of woody debris which was collected from the Fly Creek and brought to a Temporary Storage Site. This large woody debris pile was a hazard to the County Bridge, the Town Garage and homes downstream. The applicant followed their procurement procedures as established and conducted a competitive bidding process. The applicant hired the contractor offering the lowest responsible bid to remove the debris from the site. The debris was collected from the staging area and brought to Greene County waste, a permitted facility for final disposal. Copies of the bid and invoice are attached to this project worksheet.

The Contractor, Wm Biers, Inc charged the County of Greene a total of 37,150.00 to load, haul and dispose of 1,250 CY of debris. The price per cubic yard for hauling and disposal is (\$37,150.00/1,250CY)=\$ 29.72

The final disposal site was Greene County Waste, which is located on Route 23.

The County retained a Contractor to load, haul and dispose of 1,250CY of woody debris which was collected from the Fly Creek and brought to a Temporary Storage Site. This large woody debris pile was a hazard to the County Bridge, the Town Garage and homes downstream. The applicant followed their procurement procedures as established and conducted a competitive bidding process. The applicant hired the contractor offering the lowest responsible bid to remove the debris from the site. The debris was collected from the staging area and brought to Greene County waste, a permitted facility for final disposal. Copies of the bid and invoice are attached to this project worksheet.

The Contractor, Wm Biers, Inc charged the County of Greene a total of 37,150.00 to load, haul and dispose of 1,250 CY of debris. The price per cubic yard for hauling and disposal is (\$37,150.00/1,250CY)=\$ 29.72

The final disposal site was Greene County Waste, which is located on Route 23.

The County will use Force Labor Account and Equipment to remove and to load, haul and dispose of 370 CY of from the Cauterskill Creek, in the Town of Catskill. The debris pile in this particular location is a hazard to the community during a fast moving flood water event. The debris piles should be removed and brought to a permitted facility for final disposal. The County will work with DEC to obtain permit to perform the work.

The unit price listed below on the PW is based on FEMA Cost Estimate to remove 370CYin the Cauterskill Creek.

Green County will use Force Account Labor and Equipment to remove Debris from County the Catskill Creek.

The County will charge a total sum of \$2,190.40 to Haul and Dispose of 370 CY of woody debris from the Catskill Creek. 2 dumpster truck \$60/hr for 1 day; 8hrs work=\$960.00; 1 excavator \$44/hr for 1 day; 8hrs work cost \$352.00; 1 Inch bar Chain Saw \$3.10/hr for 1 day; 8hrs work=\$24.80; 1 Boat for \$44/hr for 1 day; 8hrs work cost \$264.00; 1 Ford F450 Stake Body \$36/hr for 1 day; 8hrs work=\$288.

Direct administrative Cost \$37.63 for 1 day 8hrs work=301.04. The price for hauling and disposal of 370 CY cost a total sum of \$2,190.40.

Direct administrative cost claimed

Total Force Account Labor Hours: 7 employees/ 8hrs: Regular Time 56 hrs (Ineligible); No Overtime hour claimed

Total Force Account Equipment Hours: Regular Time 24 hrs. No Overtime hour claimed.

The final disposal site will be Greene County Waste, I which is located on Route 385, NY, 12015

The County will provide a copy of the Department of Environmental Conservation permit.

The County will use Force Labor Account and Equipment to remove and to load, haul and dispose 3 trees from the Cauterskill Creek, in the Town of Catskill. These 3 trees in this particular area could endanger the downstream Culvert and the County Bridge if mobilized during a fast-moving flood water event. These trees should be removed and brought to a permitted facility for final disposal. The County will work with DEC to

obtain permit to perform the work.

The unit price listed below on the PW is based on FEMA Cost Estimate to remove 3 trees in the Cauterskill Creek

Greene County will use Force Account Labor and Equipment to remove Debris from County the Catskill Creek.

The County will charge a total sum of \$1,901.04 to Haul and Dispose of three (3) trees from the Cauterskill Creek. 2 dumpster truck \$60/hr for 1 day; 8hrs work=\$960.00; 1 excavator \$44/hr for 1 day; 8hrs work cost \$352.00; 1 Inch bar Chain Saw \$3.10/hr for 1 day; 8hrs work=\$24.80; 1 Boat for \$44/hr for 1 day; 8hrs work cost \$264.00; Direct administrative cost, \$37.63; 8hr work=301.04 The price for hauling and disposal of three (3) trees of 3 ft diameter each is \$1,901.04

Direct administrative cost claimed

Total Force Account Labor Hours: 8 employees/ 8hrs: Regular Time 64 hrs (Ineligible); No Overtime hour claimed

Total Force Account Equipment Hours: Regular Time 24 hrs. No Overtime hour claimed

The final disposal site will be Greene County Waste, which is located on Route 385, NY, 12015

The County will provide a copy of the Department of Environmental Conservation permit.

The County will use Force Labor Account and Equipment to remove and to load, haul and dispose 3 trees from the Cauterskill Creek, in the Town of Catskill. These 3 trees in this particular area could endanger the downstream Culvert and the County Bridge if mobilized during a fast-moving flood water event. These trees should be removed and brought to a permitted facility for final disposal. The County will work with DEC to obtain permit to perform the work.

The unit price listed below on the PW is based on FEMA Cost Estimate to remove 3 trees in the Cauterskill Creek

Greene County will use Force Account Labor and Equipment to remove Debris from County the Catskill Creek.

The County will charge a total sum of \$1,901.04 to Haul and Dispose of three (3) trees from the Cauterskill Creek. 2 dumpster truck \$60/hr for 1 day; 8hrs work=\$960.00; 1 excavator \$44/hr for 1 day; 8hrs work cost \$352.00; 1 Inch bar Chain Saw \$3.10/hr for 1 day; 8hrs work=\$24.80; 1 Boat for \$44/hr for 1 day; 8hrs work cost \$264.00; Direct administrative cost, \$37.63; 8hr work=301.04 The price for hauling and disposal of three (3) trees of 3 ft diameter each is \$1,901.04

Direct administrative cost claimed

Total Force Account Labor Hours: 8 employees/ 8hrs: Regular Time 64 hrs (Ineligible); No Overtime hour claimed

Total Force Account Equipment Hours: Regular Time 24 hrs. No Overtime hour claimed

The final disposal site will be Greene County Waste, which is located on Route 385, NY, 12015

The County will provide a copy of the Department of Environmental Conservation permit.

Applicant used 300.75 regular hours of ineligible force account labor and 202.5 hours of equipment to restore roads and bridges at Site 1: County Route 23B in Leeds, and also the Ashland and Windham areas, where 11,121 CY of brush and trees was removed, and at Site 3: County Route 65 Debris Pile at Hensonville, where the woody debris from Site 1 and Site 2 was chipped into 2,894 CY of mulch and 187 loads were hauled to Story's Nursery in Freehold, Kern's Nursery in Jewett, and Green County Soil and Water, and 15.41 Tons of non-woody debris was hauled to the Catskill Transfer Station, 183 Route 385, Catskill, NY for disposal. At Site 2: West of County Route 19 upstream from the Case Road Bridge, applicant used contract labor and equipment to remove 455 CY of woody debris and trees from around the streams and creeks and haul it to the Hensonville Debris Pile.

The applicant will retain a Contractor services to load, haul and dispose of 741 CY of vegetative and woody debris from the East Creek, in the town of Jewett. There is a small bridge which facilitates the inter-community transportation from various towns to the mountain top. So, this woody debris pile in the Creek is a hazard to the bridge, it will compromise the bridge structural ability.

The Contractor, A. Colarusso & Son, Inc will charge Greene County a lump Sum price of \$32,000.00 to load, haul and dispose of 741 CY of debris. The price per cubic yard for hauling and disposal is (\$ 32,000.00/741 CY)=\$ 44.00

The applicant also provided a copy of the Department of Environmental Conservation permit.

Copy of the invoice will be provided upon the completion of the work.

The final disposal site of the woody debris pile will be Greene County Waste, a permitted facility which is located on Route 2

The County will use Force Labor Account and Equipmet to remove and to load, haul and dispose 3 trees from the Creek, in the Town of Catskill Hamlet. These 3 trees in this particular location would endanger both the structure of the bridge and the roadway during a flooding event. These trees should be removed and brought to a permitted facility for final disposal. The County will work with DEC to obtain permit to perform the work.

The unit price listed below on the PW is based on FEMA Cost Estimate to remove 3 trees in the Catskill Creek

Greene County will use Force Account Labor and Equipment to remove Debris from County the Catskill Creek.

The County will charge a total sum of \$1,765.84 to Haul and Dispose of 3 trees from the Catskill Creek.

- 1 Dumpster truck \$60/hr for 1 day; 8hrs work=\$960.00;

- 1 Grade all \$120/hr for 1 day; 8hrs work=\$960.00;

- 1 Inch bar Chain Saw \$3.10/hr for 1 day; 8hrs work=\$24.80;

- Direct administrative Cost \$37.63 for 1 day 8hrs work= 301.04.

The price for hauling and disposal 3 trees 32ftX2 diameter each costs a total sum of \$1,765.84.

Direct administrative cost claimed

Total Force Account Labor Hours: 7 employees/ 8hrs: Regular Time 56 hrs (Ineligible); No Overtime hour claimed

Total Force Account Equipment Hours: Regular Time 24 hrs. No Overtime hour claimed.

The final disposal site will be Greene County Waste, I which is located on Route 385, NY, 12015

The County will provide a copy of the Department of Environmental Conservation permit.

The Applicant used an area contractor (Evergreen Mountain Contracting, Inc., West Kill, NY 12492) to remove excess rock debris and reshape the channel sides and bottom. The contractor performed the ditch clean-out (i.e., 277-FT long X 6-FT wide X 1.5-FT deep (average-estimated) = 2,493 SF / 27 CF/CY = 92.3 CY) on 9-21-11 and 9-22-11 using a hydraulic excavator and 2 tri-axle dump trucks. The total project cost, including labor and equipment, was \$7,935.62.

(NOTE 2: The Applicant's rights-of way (ROW) maps and property taxation documentation were inundated during the storm, and are currently not accessible. The Applicant stated that all County roads except turnpikes have a 50-FT ROW, (i.e., 25-FT out from centerline, each direction). (Turnpikes have a 60-FT ROW, side-to-side.) CR-3 is a 16-FT wide chip and seal roadway. The ditch that was cleaned/reshaped along CR-3 was located on

the remaining 17 FT extending outward from the road edge and, therefore, is the Applicant's responsibility.)
 (NOTE 3: The estimated 92.3 CY of rock spoils excavated from the ditch along CR-3 were transported to another Greene County damage site between Falke Road (42.26728, -74.41113) and Beechridge North Road for use in roadway restoration.)
 (NOTE 4: The Applicant performed the creek work based on an emergency waiver to New York State Department of Environmental Conservation permitting requirements granted by the governor of New York.)

1. Utilizing contract labor and equipment at CR-3 and Turk Hollow Road at approximately 42.21545 -74.47077 the applicant cleared an area of approximately 65LF x 15LF x 2LF = 1950CF / 27 = 72.22CY of woody debris on the East side of CR-3 North of Turk Hollow Road. The woody debris was transported to, and stockpiled at, the Town garage on Ursum Way.

Site #2. Utilizing contract labor and equipment, at CR-3 near Syllas Lake Road at approximately 42.214367 -74.471230 on the West side of CR-3 and the South side of Syllas Lake Road, the applicant cleared an area of approximately 81LF x 20LF x 2LF = 3240CF / 27 = 120CY and an incidental section of the adjacent stream and culvert, of woody debris and an incidental small amount of stream gravel. The woody debris and an incidental amount stream gravel was transported to, and stockpiled at, the Town Garage on Ursum Way.

Site#3. Utilizing contract labor and equipment, on CR-3 at the intersection with CR-1 at approximately 42.188365 -74.491668 the applicant cleared an area of approximately 40LF x 12LF x 2LF = 960CF / 27 = 33.56CY of woody debris in the stream on the South side of CR-1. The applicant obtained NYS DEC General Permit GP-0-11-007 granting woody debris removal prior to completing the work. The woody debris was transported to, and stockpiled at, the Town Garage on Ursum Way.

Location Description:

County Wide

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	477DR3AB-12
Activity Title:	Debris Removal

Activity Category:

Debris removal

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Town of Hunter

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$3,500.92
Total Budget	\$0.00	\$3,500.92
Total Obligated	\$0.00	\$3,500.92
Total Funds Drawdown	\$0.00	\$3,500.92
Program Funds Drawdown	\$0.00	\$3,500.92
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$3,500.92
Town of Hunter	\$0.00	\$3,500.92
Most Impacted and Distressed Expended	\$0.00	\$3,500.92
Match Contributed	\$0.00	\$0.00

Activity Description:

The applicant used 210 hours of Force Account Regular Time (regular time not eligible according to FEMA Policy 9527.7 Labor Costs-Emergency Work), 56.50 hours of Force Account Overtime, 271.50 hours Force Account Equipment to collect, haul and dispose of 377 CY of vegetative debris, sand and gravel.

50 CY went to the landfill, 50 CY were chipped and buried at the site or shot into the woods, and 25 CY were cut up and used as firewood. There was 42 CY of stumps and 210 CY of sand and stone that were buried in a 12FT Deep hole located at Wright Road.

The Applicant also used contracting services for the removal of a tree from a Stream.

NOTE: There are 5 additional hours of equipment time than labor time. This is because the Trailer is attached to Dump Truck #315.

Location Description:

Town Wide

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	477DR3AC-12
Activity Title:	Debris Removal

Activity Category:

Debris removal

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Town of Hunter

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$3,606.35
Total Budget	\$0.00	\$3,606.35
Total Obligated	\$0.00	\$3,606.35
Total Funds Drawdown	\$0.00	\$3,606.35
Program Funds Drawdown	\$0.00	\$3,606.35
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$3,606.35
Town of Hunter	\$0.00	\$3,606.35
Most Impacted and Distressed Expended	\$0.00	\$3,606.35
Match Contributed	\$0.00	\$0.00

Activity Description:

The applicant to follow their procurement policy to obtain contracting services to excavate, remove and haul a total of 382.2 CY of unclassified debris from before and after the steel pipes to prevent future flooding of Plateau Mountain Road. NYSDEC permit attached.

1) Excavate, remove and haul unclassified grave>debrisyl91.1 CY (150 LF x 21.6 FT Wide x 1.6 Feet Deep) (Flow of stream heading North East towards Plateau Mountain Road stream crossing)

2) Excavate, remove and haul unclassified gravel debris: 191.1 CY (150LF x 21 <6~ FT Wide x 1.6" Feet Deep) (Flow of stream heading North East towards Plateau Mountain Road stream crossing)

On June 7th, 2012, Hoda Sondossi and Rick Donaldson (US Fish & Wildlife Service), Judy Moran (FEMA), Patrick Battista (NY-OEM), John Farrell (Town of Hunter-Hwy Superintendent), Susan Graham (Asst to John F.) conducted a site visit to provide recommendations to the applicant to consider in addition to gravel removal to prevent this from further flooding the roadway.

Fish and Wildlife Service Recommendations:

Twin (6" 4" dia) culverts under Plateau Mountain Rd should be removed and replaced with bottomless culvert or concrete bridge, with capacity to allow passage of flows similar to Hurricane Irene, as well as the considerable sediment load the stream carries in large flow events. High flows of any significant magnitude will most certainly overwhelm the double culvert again if it remains.

Any bioengineering measures would be ineffective without replacing the culverts. There is potential however to use bioengineering techniques to improve instream and riparian habitat if an appropriately sized culvert or bridge is installed to allow appropriate flow passage and sediment transport. These measures would include strategic placement of existing large woody debris and planting of native shrubs and trees.

Report is attached to this PW.

Project Specialist reviewed the project with the Debris Task Force. The Debris Removal Costs established by the debris team on a memo dated 1/09/2012 (attached) at the hard difficulty level was used to determine the

removal costs for this PW.
191.1 CY + 191.1 CY = 382.2 CY @ \$37.00/CY (Hard Difficulty) = \$ 14,141.40
NYSDEC Permit is attached.
Applicant removed some of the gravel, rock and woody debris that was blocking the 2 culverts during emergency protective measures. This work was captured on PW #3617806 (Emmie PW #Q1165).

Location Description:

Town Wide

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources	Amount
No Other Funding Sources Found	
Total Other Funding Sources	

Grantee Activity Number:	477DR3AD-12
Activity Title:	Kaaterskill Creek Bridge

Activity Category:

Dike/dam/stream-river bank repairs

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Town of Hunter

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$3,359.35
Total Budget	\$0.00	\$3,359.35
Total Obligated	\$0.00	\$3,359.35
Total Funds Drawdown	\$0.00	\$3,359.35
Program Funds Drawdown	\$0.00	\$3,359.35
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$3,359.35
Town of Hunter	\$0.00	\$3,359.35
Most Impacted and Distressed Expended	\$0.00	\$3,359.35
Match Contributed	\$0.00	\$0.00

Activity Description:

WORK COMPLETE: At the time of a meeting with the applicant, work on the temporary crossing and detour had already been completed. The temporary crossing and detour consists primarily of compacted gravel and fill material and measures approximately 230 feet long by 20 feet wide. Of this extent, the temporary crossing measures approximately 75 feet long by 20 feet wide by 15 feet high and is constructed from rip-rap, aggregate fill material and overlying compacted gravel. The highway superintendent stated that it wouldn't be feasible to perform any permanent work to replace the bridge until the spring. Permanent repair work to the bridge crossing is discussed in detail on P/W reference # 3617891. In order to effect most of the emergency protective work, the town contracted the services of multiple contractors to furnish and provide labor, equipment and material necessary for the repair work. Given the emergency declaration, these contracts were let in accordance with the local procurement policy. In addition to the contracted resources, the town of Hunter highway department contributed 67 regular time labor hours, 8.5 overtime hours, and 75 hours of equipment use. The town has provided documentation covering the costs associated with both the contracted and force account resources used to perform this work.

SCOPE OF WORK (CONTINUED):

On September 3rd, 2011, the town submitted an application to the NYSDEC for permission to perform work in the streambed. Per the scope of work outlined in the authorization document, the temporary crossing and detour are described. This authorization approves stream restoration work associated with the permanent replacement of the bridge. As such, it will be discussed in further detail on PW # 3617891.

The specific labor, materials, and equipment necessary in the construction of a temporary bridge over the Kaaterskill Creek on Glen Park Road are listed below:

The project amount was reduced by Amendment #1 from \$30,863.70 to \$11,637.40

Location Description:

Kaaterskill Creek Bridge

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources**Amount**

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	477DR3AE-12
Activity Title:	Debris Removal

Activity Category:

Debris removal

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Town of Jewett

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$6,176.13
Total Budget	\$0.00	\$6,176.13
Total Obligated	\$0.00	\$6,176.13
Total Funds Drawdown	\$0.00	\$6,176.13
Program Funds Drawdown	\$0.00	\$6,176.13
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$6,176.13
Town of Jewett	\$0.00	\$6,176.13
Most Impacted and Distressed Expended	\$0.00	\$6,176.13
Match Contributed	\$0.00	\$0.00

Activity Description:

On September 2, 2011 the New York State Department of Environmental Conservation (NYSDEC) issued the Town of Jewett a General Permit GP-0-11-007 Authorization for the Schoharie Creek ""just above Carr Road bridge"". The permit's project description reads as follows: ""Excavate gravel bars that have collected as a result of blockage on Carr Rd bridge. Total stream distance 800 ft"". This permit will expire on September 30, 2012.

Utilizing 89 RT hours (ineligible) and 19 OT hours of force account labor, 108 hours of force account equipment time, and contractors, the applicant completed the following work on the days listed:

09/12-10/06/11:

- A combination of force account labor, force account equipment, and contractors removed the 15 trees from the stream. Two truckloads (approximately 20 CY total) of vegetative debris were hauled to the vegetative debris pile in the Town of Prattsville (42.30626, -74.41898). The woody portions of the trees were stacked to the east of Carr Road, where local residents cut them up for firewood. Online lumber calculators estimate that 15 trees (assuming the tree sizes range from 5 IN to 22 IN in diameter) would produce approximately 21 CY of firewood. Therefore a total of approximately 41 CY of vegetative debris was removed from the Creek.

- Large quantities of gravelly debris was excavated from the gravel bar in order to restore the pre-disaster flow channel of the Schoharie Creek and stop the flooding of Carr Road. This gravel was subsequently re-used as backfill material at two road repair locations. The Town of Jewett used an estimated 12,040 CY / 8,600 TONS of this material as backfill at the Beaches Corners Road washout (see PW#3863805). Greene County used an unknown quantity of this material as backfill for at the Route 17 washout (Greene County PW#9903958).

- The total estimated quantity of debris removed from this location is $(41 + 12,040 =) 12,081$ CY. Total project costs are \$24,568.07, which gives a unit cost of $(\$24,568.07 / 12,081 \text{ CY} =) \2.03 per CY.

01/05-06/12:

- In order to comply with the terms of their NYSDEC General Permit, the applicant hired Belgian Trucking Co. to



restore the natural contours of the Schoharie Creek after all debris removal operations were completed. The contractor spent 18 hours with an excavator, restoring the stream channel to its pre-disaster configuration. No debris was removed during these activities

Location Description:

Town Wide

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	477DR3AF-12
Activity Title:	Debris Removal

Activity Category:

Debris removal

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Town of Jewett

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$5,245.05
Total Budget	\$0.00	\$5,245.05
Total Obligated	\$0.00	\$5,245.05
Total Funds Drawdown	\$0.00	\$5,245.05
Program Funds Drawdown	\$0.00	\$5,245.05
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$5,245.05
Town of Jewett	\$0.00	\$5,245.05
Most Impacted and Distressed Expended	\$0.00	\$5,245.05
Match Contributed	\$0.00	\$0.00

Activity Description:

Between 09/02/11 and 09/13/11, using force account labor, equipment, and contracts the applicant completed the following work:

- removed approximately 56 CY of vegetative debris from the Mill Hollow Road and its shoulders;
- scraped up approximately 222 CY of gravelly debris from Mill Hollow Road and used it to backfill the washed-out section of Whaley Road;
- constructed a 20 FT long x 8 FT wide access road leading from Mill Hollow Road into the East Kill to facilitate access with heavy equipment;
- used a backhoe, dozer, and trucks to clear 1,556 CY of vegetative debris from the East Kill; and,
- used the same equipment to clear 2,074 CY of gravelly debris from the East Kill and used it to backfill the washed-out section of Whaley Road.

Vegetative debris that was pulled from the Kill and removed from the roads was transported across the East Kill to a temporary staging area. This staging area was being used by crews from Columbia County, who were clearing debris around the County-maintained bridge on behalf of Greene County (see PW#9903945), and the Town of Jewett force account labor crew. The applicant estimated that the debris pile was 70 FT long by 70 FT wide by 15 FT high, for a total volume of 2,700 CY. Further, the applicant estimated that 2/3 of the material in the debris pile was generated by the Town of Jewett crew (~1,800 CY), and 1/3 by the Columbia County crew. This debris was eventually transported to the Greene County brush pile on County Route 65 and Elm Ridge Road in the Town of Windham (42.29438, -74.21266). Debris from this pile was eventually ground and distributed for beneficial reuse as mulch.

Permanent repairs to Whaley Road are documented on PW#3863817. Note on force account labor and materials: on the applicant's labor and equipment tracking spreadsheet, some hours were noted for "Mill Hollow Rd 3", some for "Whaley/Mill Hollow 3". The applicant explained that "Whaley/Mill Hollow 3" denotes time spent clearing gravelly debris from the roads and from the East Kill blockage, and then using it to backfill

the washout on Whaley Road. Therefore, these labor and equipment hours have been split evenly between this PW and PW#3863817.

Location Description:

Town Wide

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	477DR3AG-12
Activity Title:	East Kill Channel

Activity Category:

Construction/reconstruction of streets

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Town of Jewett

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$3,167.52
Total Budget	\$0.00	\$3,167.52
Total Obligated	\$0.00	\$3,167.52
Total Funds Drawdown	\$0.00	\$3,167.52
Program Funds Drawdown	\$0.00	\$3,167.52
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$3,167.52
Town of Jewett	\$0.00	\$3,167.52
Most Impacted and Distressed Expended	\$0.00	\$3,167.52
Match Contributed	\$0.00	\$0.00

Activity Description:

Utilizing force account labor, equipment, materials, and contracts, the applicant completed the following work on the dates listed:

8/29-30/11:

- 4 force account laborers using a grader, backhoe, and two trucks cleared approximately 20 CY of vegetative debris and 200 CY of gravelly debris from the road;
- the vegetative debris was piled on the northwestern side of the northern bridge approach;
- the gravelly debris was used to backfill the hole along the northwestern side of the southern bridge approach;
- Belgian Trucking hauled in 6 loads (assumed 15 CY each, total 90 CY) of gravel from the G.R. Excavation quarry, which was also used to backfill the hole; and,
- C&C Excavating hauled in 50 CY of gravel from the G.R. Excavation quarry, which was also used to backfill the hole.

9/17-19/11:

- the New York State Department of Environmental Conservation (NYSDEC) issued the Town of Jewett a General Permit GP-0-11-007 Authorization for the East Kill channel, permitting them to "restore channel configuration from bridge upstream 500 feet"; and,
- Belgian Trucking used an excavator and a dozer crawler for a total of 20.5 hours to clear fallen trees, vegetative debris, and gravelly debris from the upstream portion of the East Kill. They excavated an estimated 600 CY of gravel, which was used to finish filling in the hole in Scribner Hollow Road, and to build a temporary gravel surface for the portions of the road where the asphalt had washed out.

Permanent repairs to be completed for Scribner Hollow Road are documented on PW#3863826.

Notes on contracts:

The applicant did not follow their normal procurement procedures when hiring the contractors used for this project. However, on 8/28/11, the Town of Jewett's Board of Supervisors passed a local state of emergency

declaration, which specifically directed the Highway Department (and other departments) to "take whatever steps [are] necessary to protect life and property, [and] public infrastructure". This declaration lasted until 9/2/11, and was renewed twice, extending until 9/16/11. Their normal procurement procedure states that "if an emergency exists wherein the delay caused by soliciting quotes would endanger the health, welfare, or property of the County or of an individual taxpayer, then the procurement of goods or services will be at the discretion of the property department supervisor". Furthermore, Greene County had also passed an emergency order (originally passed 9/1/11, and subsequently extended on 9/5/11 and 9/10/11 in five-day increments) which ordered that "procurement and acquisition of materials, equipment, and services via standard bidding procedures is suspended". The costs incurred for this scope of work were validated against local historical costs (for materials) and CostWorks 2012 (for contractor costs) and were found to be reasonable.

Location Description:

East Kill channel

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	477DR3AH-12
Activity Title:	Carr Road

Activity Category:

Construction/reconstruction of streets

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Town of Jewett

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$1,485.27
Total Budget	\$0.00	\$1,485.27
Total Obligated	\$0.00	\$1,485.27
Total Funds Drawdown	\$0.00	\$1,485.27
Program Funds Drawdown	\$0.00	\$1,485.27
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$1,485.27
Town of Jewett	\$0.00	\$1,485.27
Most Impacted and Distressed Expended	\$0.00	\$1,485.27
Match Contributed	\$0.00	\$0.00

Activity Description:

Utilizing 14 RT hours (ineligible) and 10 OT hours of force account labor, 24 hours of force account equipment time, materials, and contractors, the applicant completed the following work on the days listed:

08/29-09/02/11

- A contractor (C&C Excavating) used a dozer to grade the Carr Road approach to the county bridge, and to move gravel from the gravel bar in Schoharie Creek (see PW#3863806) into the washed-out portions of the road bed.
- Force account personnel used a grader, backhoe, and two trucks to clear small amounts of debris from the road path, and to use gravel pulled from the stream to re-build (360 FT x 30 FT wide x 4 FT deep =) 1,600 CY of the road bed and shoulders.
- C&C Excavating hauled 3 loads (1 load from Peckham Materials Corp. and 2 loads from Cobleskill Stone Products) of scalping and crusher run to the project site. A total of 103.69 TONS/145.2 CY of scalping and crusher run were hauled to the project site.
- These materials were used to build 360 FT long x 20 FT wide x 6 IN deep gravel road as a temporary road surface.

Location Description:

Carr Road

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	477DR3AI-12
Activity Title:	Griffen Road

Activity Category:

Construction/reconstruction of streets

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Town of Jewett

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$6,436.60
Total Budget	\$0.00	\$6,436.60
Total Obligated	\$0.00	\$6,436.60
Total Funds Drawdown	\$0.00	\$6,436.60
Program Funds Drawdown	\$0.00	\$6,436.60
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$6,436.60
Town of Jewett	\$0.00	\$6,436.60
Most Impacted and Distressed Expended	\$0.00	\$6,436.60
Match Contributed	\$0.00	\$0.00

Activity Description:

At the time of the storm, the Greene County Soil and Water Conservation District had a contracted work crew on Griffen Road for a previously-scheduled project. Their contractor, Fastracs Rentals, Inc., was hired by the applicant to clear debris and perform temporary repairs to re-open the road. The applicant also purchased 12 x 20 LF 30"-diameter PVC culvert pipes that the Conservation District had on-site, and used them to construct temporary drainage at the Halsey Brook stream crossing. Fastracs performed the following work: /31 - 9/13/11 - cleared woody and gravelly debris from 130 FT x 30 FT of road and shoulders, which the applicant estimated was covered with 1-2 FT of gravel (217 CY) and 1-2 FT of woody debris (217 CY); - cleared an average of 3 FT of gravel and 2-5 FT of woody debris from approximately 25 FT x 100 FT of the streambed of Halsey Brook to prevent water from flowing onto Griffen Road (278 CY gravel, 325 CY woody debris); - re-graded the Halsey Brook crossing in preparation for the installation of temporary culvert pipes; - installed 4 x 40 LF x 30"-diameter PVC culvert pipes as a temporary replacement for the destroyed 8-FT arched culvert; - rebuilt 130 FT x 30 FT of the road surface and shoulders using gravel from the streambed; and, - transported the woody debris and leftover gravelly debris to Colgate Lake Parking Area, a state-owned parking area that was used as a temporary debris holding area. On approximately 11/16/11, area residents informed the Town of Jewett Highway Department that school buses were not crossing the temporary stream crossing, reportedly due to safety concerns. In order to provide the area's school children with bus access, the applicant undertook additional temporary measures at the stream crossing. Utilizing force account labor, equipment, and materials, the applicant: 11/21 - extended the previous 4 x 30"-diameter culvert pipes by 20 LF each, for a total length of 60 LF; - expanded the width of the stream crossing with the addition of 50 CY of medium stone fill and 20 CY of gravel recovered from the Carr Road debris removal project (see PW#3863806); and, 11/22 - expanded the width of the stream crossing with the addition of 100 CY of gravel recovered from Carr Road and 80 CY of Item 4 gravel. The applicant's records of work performed during this time report that 5 truckloads (50 CY or 70 TONS) of medium



stone fill and 8 truckloads (80 CY or 112 TONS) of Item 4 gravel were used to increase the size of the temporary stream crossing. However, invoices for the purchases of these materials specifically for Griffen Road were not found. The applicant made numerous purchases of these materials from the same suppliers for repairs at other locations; therefore, the costs for these materials were included based on per-ton costs derived from other invoices from the same time period. Copies of example invoices showing these costs are included in the backup for this PW. Rains in late November flooded the temporary stream crossing several times, demonstrating that the 4 x 30" culverts were an insufficient temporary repair. Therefore, more drainage was added. The following work was performed by a contractor, Belgian Trucking: 12/19/11 - applicant purchased 60 LF of 48"-diameter culvert pipe from Pipes Plus. 12/20/11 - Belgian Trucking installed 60 LF of 48"-diameter culvert pipe at the Halsey Brook stream crossing. Notes on contracts: The applicant did not follow their normal procurement procedures when hiring Fastracs and Belgian Trucking. However, on 9/11/11, the Town of Jewett's Board of Supervisors passed a local state of emergency declaration, which specifically directed the Highway Department (and other departments) to "take whatever steps [are] necessary to protect life and property, [and] public infrastructure". Their normal procurement procedure states that "if an emergency exists wherein the delay caused by soliciting quotes would endanger the health, welfare, or property of the County or of an individual taxpayer, then the procurement of goods or services will be at the discretion of the property department supervisor". Furthermore, on Greene County had also passed an emergency order (originally passed 9/1/11, and subsequently extended on 9/5/11 and 9/10/11) which ordered that "procurement and acquisition of materials, equipment, and services via standard bidding procedures is suspended". The costs documented on the invoices from both contractors have been evaluated and appear to be reasonable. Permanent repairs to this facility are documented on PW#3863802.

Location Description:

Griffen Road

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources	Amount
No Other Funding Sources Found	
Total Other Funding Sources	

Grantee Activity Number:	477DR3BE-12
Activity Title:	Debris Removal

Activity Category:

Debris removal

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Town of Windham

Overall
Total Projected Budget from All Sources
Oct 1 thru Dec 31, 2019

N/A

To Date

\$25,973.93

Total Budget

\$0.00

\$25,973.93

Total Obligated

\$0.00

\$25,973.93

Total Funds Drawdown

\$0.00

\$25,973.93

Program Funds Drawdown

\$0.00

\$25,973.93

Program Income Drawdown

\$0.00

\$0.00

Program Income Received

\$0.00

\$0.00

Total Funds Expended

\$0.00

\$25,973.93

Town of Windham

\$0.00

\$25,973.93

Most Impacted and Distressed Expended

\$0.00

\$25,973.93

Match Contributed

\$0.00

\$0.00

Activity Description:

The Applicant utilized contract services to complete the necessary debris removal activities needed to bring the wastewater collection system to pre-disaster condition.

Hunter Environmental Inc. was contracted to perform emergency pump out services of an inoperable grinder pump located at a private home. As the grinder pump is a part of the collection system, the Applicant is responsible for any applicable maintenance/repairs. The cost of their services totaled \$250.00.

Van Etten Trucking was contracted to haul stone removed from the collection system to the Windham WWTP (GPS 42.30317, - 74.27345) for processing. The cost of their services totaled \$131.25.

Phoenix Environmental Laboratories, Inc was contracted to sample the debris and stone removed from the collection system prior to its lab testing for hazardous containments. The ND listed in the results columns stands for Non Detectable, which is means what was tested was uncontaminated gravel, and thus wouldn't be subject to any additional hazardous materials handling requirements. The cost of their services totaled \$130.00.

Waste Management of NY was contracted to haul away all debris (stone, sediment, sludge and vegetative) deposited at the WWTP. Debris was taken to the High Acres Landfill, 425 Perinton Pkwy, Fairport, NY 14450-9104 (GPS: 43.08443, - 77.38097). The cost of their services totaled \$4,033.21.

Precision Industrial Maintenance, Inc. was contracted to complete a final cleaning and a CCTV video inspection of the collection system to ensure it was thoroughly cleaned of storm sediment and debris and restored to pre-disaster function.

Video and an inspection report are attached. The cost of their services totaled \$50,437.50. See project note #2. (less 5 day6s at \$200.00 per day for videoing with balance applied to celaning pipes.)

Delaware Engineering, P.C. (DEPC) has a pre-event to present contract with the Applicant to perform Engineering services which included field inspection, damage assessments and documentation, direction of



contractors and administrative work associated with the FEMA claim. Mike Budris, PE, is the primary Engineer working with the Applicant in this manner. The cost of DEPC's services for this project totaled \$11,613.75.

MITIGATION

This project is written for debris removal (emergency work). As such there are no eligible mitigation opportunities.

Location Description:

Town Wide

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	477DR3BG-12
Activity Title:	Debris Removal

Activity Category:

Debris removal

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Town of Windham

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$8,753.46
Total Budget	\$0.00	\$8,753.46
Total Obligated	\$0.00	\$8,753.46
Total Funds Drawdown	\$0.00	\$8,753.46
Program Funds Drawdown	\$0.00	\$8,753.46
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$8,753.46
Town of Windham	\$0.00	\$8,753.46
Most Impacted and Distressed Expended	\$0.00	\$8,753.46
Match Contributed	\$0.00	\$0.00

Activity Description:

The applicant contracted with MacDonald Sanitation, Sean Wayman Construction, Green-Del Sanitation, Evergreen Disposal, Robert & Lani Nursery & Landscape, and Green County Solid Waste to collect and load trucks & dumpsters located throughout the Town and haul the debris to any 1 of the 4 Greene County Solid Waste Management's transfer stations.

A total of 101.61 ton and 440 CY's were collected. A factor of 0.5 was used to convert the CY into tons: $440 \text{ CY} \times 0.5 / \text{T} = 220 \text{ Ton}$ + 101.61 = 321.61 ton. $\$34,894.87 / 321.61 = \$108.50 / \text{ton}$.

The locations specified on the invoices are for reference only and don't reflect the origin of the debris. Any debris collected from private property (that was brought to public rights-of-way in the Applicant's jurisdiction) was collected and disposed of because it presented an immediate threat to lives, public health, and safety.

The 4 Greene County Solid Waste Management's transfer station locations are:

- 1) Catskill Transfer Station, 181 Route 385, Catskill New York 12414
- 2) Coxsackie Transfer Station, Plank Road & Baily Street, Coxsackie New York 12051
- 3) Hunter Transfer Station, Tannersville Road, Hunter New York 13442
- 4) Windham Transfer Station, 105 Mitchell Hollow Road, Windham New York 12496

Location Description:

Town Wide

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	477DR3BH-12
Activity Title:	Debris Removal

Activity Category:

Debris removal

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Town of Windham

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$6,139.37
Total Budget	\$0.00	\$6,139.37
Total Obligated	\$0.00	\$6,139.37
Total Funds Drawdown	\$0.00	\$6,139.37
Program Funds Drawdown	\$0.00	\$6,139.37
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$6,139.37
Town of Windham	\$0.00	\$6,139.37
Most Impacted and Distressed Expended	\$0.00	\$6,139.37
Match Contributed	\$0.00	\$0.00

Activity Description:

1. No pictures of the storm system during the flood are available.
 2. Delaware Engineering, P.C. (DEPC) has a pre-event to present contract with the Applicant to perform Engineering services which included field inspection, damage assessments and documentation, direction of contractors and administrative work associated with the FEMA claim. Mike Budris, PE, is the primary Engineer working with the Applicant in this manner. The cost of DEPC's services for this project totaled \$4,888.50.
 3. The breakdown of cost for the cleaning of the system was done by DEPC by verbal communication with the company about hours spent each day in each area. From this, a total value of \$19,550 was assigned to route 23.
- PROCUREMENT:** The applicant is required to adhere to State Government Procurement rules and regulations and maintain adequate records to support the basis for all purchasing of goods and materials and contracting services for projects approved under the Public Assistance program, as stated in 44 CFR 13.36. The applicant has advised they followed their normal procurement procedures.
- DIRECT ADMINISTRATIVE COSTS:** The sub grantee requested Direct Administrative Costs (DAC) that are directly chargeable to this specific project. Associated eligible work is related administration of the PA project only and in accordance with 44 CFR 13.22. These costs are treated consistently and uniformly as direct costs in all federal awards and other sub grantee activities and are not included in any approved indirect cost rates. Future DAC costs have been estimated for work to be completed using the FEMA DAC chart. All future costs must be verified.
- RECORD RETENTION:** Complete records and cost documents for all approved work must be maintained for at least 3 years from the date the last project was completed or from the date final payment was received, whichever is later.
- DOCUMENTATION REVIEW:** 20% or more sampling of the documentation was reviewed/validated and found to

be complete and reasonable by the FEMA project specialist. Copies of applicant's pertinent pre-disaster policies, invoices, cancelled checks (or other proofs of payment) were reviewed and samples of payroll data are attached.

PERMITS: The applicant must obtain all required federal, state, and local permits prior to the commencement of work. Permits are attached for work on the embankment.

APPEAL: The applicant may appeal this determination through the State office of the Governor's Authorized Representative (GAR) within 60 days of notification of this determination as stated in Title 44 CFR 206.206. The appeal must include supporting documentation and reference appropriate regulations.

ACTUAL COSTS: FEMA and State staff have reviewed the documentation and costs provided by the applicant in support of this project and based on that review, the costs appear to meet the minimum eligibility standards.

HAZARD MITIGATION MEASURES: No mitigation measures are available.

Insurance: The town of Windham's insurance policy is on file at the Albany JFO for reference. This road falls under FHWA guidelines and is the responsibility of NYSDOT.

Location Description:

Town Wide

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	477DR3BL-12
Activity Title:	CR-6 and CR-42

Activity Category:

Construction/reconstruction of streets

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Greene County

Overall
Total Projected Budget from All Sources
Oct 1 thru Dec 31, 2019

N/A

To Date

\$14,198.41

Total Budget

\$0.00

\$14,198.41

Total Obligated

\$0.00

\$14,198.41

Total Funds Drawdown

\$0.00

\$14,198.41

Program Funds Drawdown

\$0.00

\$14,198.41

Program Income Drawdown

\$0.00

\$0.00

Program Income Received

\$0.00

\$0.00

Total Funds Expended

\$0.00

\$14,198.41

Greene County

\$0.00

\$14,198.41

Most Impacted and Distressed Expended

\$0.00

\$14,198.41

Match Contributed

\$0.00

\$0.00

Activity Description:

The applicant employed contract (Evergreen Mtn. Contracting) Labor and Equipment to reclaim and rebuild the following section of CR-6:

Site 1: County Road - 6 GPS 42.19545, -74.33511

Reclaim, place, and compact rock and gravel road shoulder, embankment, and base: 310 FT Long x 12 FT Wide x 5 FT Thick / 27 = 689 CY

Location Description:

CR-6 and CR-42

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures
No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	477DR3BM-12
Activity Title:	Eroded and Displaced Light, Medium, and Heavy Ston

Activity Category:

Construction/reconstruction of streets

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Greene County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$12,412.90
Total Budget	\$0.00	\$12,412.90
Total Obligated	\$0.00	\$12,412.90
Total Funds Drawdown	\$0.00	\$12,412.90
Program Funds Drawdown	\$0.00	\$12,412.90
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$12,412.90
Greene County	\$0.00	\$12,412.90
Most Impacted and Distressed Expended	\$0.00	\$12,412.90
Match Contributed	\$0.00	\$0.00

Activity Description:

2 Locations on CR-6: Site 1. Approximately 0.54 mile from the intersection of Rusk Mountain Road & CR-6. Site 2. is at the intersection of Tumbleweed Ranch Road & CR-6.

The applicant used contract labor and equipment (Wm. J Keller & Sons Construction Corp. and Callanan Industries, Inc), and applicant purchased materials to complete the following repairs:

Site 1. County Road-6 GPS 42.19321, -74.31720

1a) Replace and set Light Stone Fill Rip Rap: 110 FT Long x 8 FT Wide x 0.87 FT Thick / 27 = 28.4 CY x 1.4 = 39.81 Ton

1b) Replace and set Medium Stone Fill Rip Rap: 95 FT Long x 4 FT Wide x 1.87 FT Thick / 27 = 26.34 CY x 1.4 = 36.88 Ton

1c) Replace and set Heavy Stone Fill Rip Rap: 95 FT Long x 16 FT Wide x 3.34 FT Thick / 27 = 188.12 CY x 1.4 = 263.37 Ton

Site 2. County Road-6 GPS 42.19432, -74.33406

2) Replace and set Heavy Stone Fill Rip Rap: 110 FT Long x 25 FT Wide x 4.27 FT Thick / 27 = 435.22 CY x 1.4 = 609.31 Ton

Location Description:

Rusk Mountain Road & CR-6, Tumbleweed Ranch Road & CR-6.

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources	Amount
No Other Funding Sources Found	
Total Other Funding Sources	



Grantee Activity Number:	477DR3BN-12
Activity Title:	Eroded road embankment and wing walls

Activity Category:

Construction/reconstruction of streets

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Greene County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$15,008.97
Total Budget	\$0.00	\$15,008.97
Total Obligated	\$0.00	\$15,008.97
Total Funds Drawdown	\$0.00	\$15,008.97
Program Funds Drawdown	\$0.00	\$15,008.97
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$15,008.97
Greene County	\$0.00	\$15,008.97
Most Impacted and Distressed Expended	\$0.00	\$15,008.97
Match Contributed	\$0.00	\$0.00

Activity Description:

Site 1. County Road - 6 @ Higgins Bridge GPS 42.19806, -74.34102

- 1a) Eroded and displaced Stackable Stone: 20 FT Long x 5 FT Wide x 2.84 FT Thick / 27 = 10.5 CY x 1.4 = 14.71 Ton
- 1b) Eroded and displaced Extra Heavy Stone Fill: 125 FT Long x 10 FT Wide x 5 FT Thick / 27 = 231.6 CY x 1.4 = 324.23 Ton
- 1c) Eroded and displaced Heavy Stone Fill: 125 FT Long x 10 FT Wide x 5.88 FT Thick / 27 = 272.4 CY x 1.4 = 381.11 Ton
- 1d) Eroded and displaced Medium Stone Fill: 125 FT Long x 5 FT Wide x 2.37 FT Thick / 27 = 54.8 CY x 1.4 = 76.77 Ton
- 1e) Eroded and displaced Light Stone Fill: 90 FT Long x 30 FT Wide x 2.29 FT Thick / 27 = 229.3 CY x 1.4 = 321.06 Ton
- 1f) Eroded and displaced Crusher Run Gravel: 90 FT Long x 30 FT Wide x 0.35 FT Thick / 27 = 34.7 x 1.6 = 55.59 Ton

The damaged Guide Rail was captured on a county wide Guide Rail PW.

Wm J Keller & Sons Construction Corp. is one of Greene County DPW's pre-qualified contractors for emergency contract work (see attached Resolution #99-09).

Creighton Manning Engineering was adopted as the County's engineering consultant under resolution #434-11 (attached).

Callanan Industries, Inc is pre-approved as the County's paving contractor for this year through a process of quick quotes

Location Description:

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	477DR3BO-12
Activity Title:	Eroded road shoulder and embankment

Activity Category:

Construction/reconstruction of streets

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Greene County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$9,149.98
Total Budget	\$0.00	\$9,149.98
Total Obligated	\$0.00	\$9,149.98
Total Funds Drawdown	\$0.00	\$9,149.98
Program Funds Drawdown	\$0.00	\$9,149.98
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$9,149.98
Greene County	\$0.00	\$9,149.98
Most Impacted and Distressed Expended	\$0.00	\$9,149.98
Match Contributed	\$0.00	\$0.00

Activity Description:

The applicant used 12 hours of force account regular time labor, 12 hours of equipment, 45.56 Ton of Light Stone Fill, and 48.5 Ton of Crusher Run gravel to aid the contractor in the repairs of the damaged road section.

The applicant employed Wm. J Keller & Sons Construction Corp. to provide the labor and equipment to complete the repairs. The contractor also supplied 528.38 Ton of Heavy Stone Fill and 22.25 Ton of Light Stone Fill.

Site 1. County Road - 6 GPS 42.19254, -74.32316

- 1a) Replace and set Heavy Stone Fill: 15 FT Long x 20 FT Wide x 2.48 FT Thick / 27 = 27.6 CY x 1.4 = 38.65 Ton
- 1b) Replace and set Heavy Stone Fill: 20 FT Long x 20 FT Wide x 2.4 FT Thick / 27 = 35.6 CY x 1.4 = 49.81 Ton
- 1c) Replace and compact Light Stone Fill: 35 FT Long x 8 FT Wide x 1.53 FT Thick / 27 = 15.9 CY x 1.4 = 22.25 Ton
- 1d) Replace and set Heavy Stone Fill: 40 FT Long x 20 FT Wide x 2.99 FT Thick / 27 = 88.7 CY x 1.4 = 124.22 Ton
- 1e) Replace and set Heavy Stone Fill: 30 FT Long x 20 FT Wide x 2.09 FT Thick / 27 = 46.4 CY x 1.4 = 64.91 Ton
- 1f) Replace and set Heavy Stone Fill: 40 FT Long x 20 FT Wide x 2.973 FT Thick / 27 = 88.1 CY x 1.4 = 123.39 Ton
- 1g) Replace and set Heavy Stone Fill: 20 FT Long x 20 FT Wide x 2.4 FT Thick / 27 = 35.6 CY x 1.4 = 49.81 Ton
- 1h) Replace and compact Light Stone Fill: 130 FT Long x 6 FT Wide x 0.785 FT Thick / 27 = 22.7 CY x 1.4 = 31.82 Ton
- 1i) Replace and set Heavy Stone Fill: 20 FT Long x 20 FT Wide x 2.95 FT Thick / 27 = 43.7 CY x 1.4 = 61.11 Ton
- 1j) Replace and compact Light Stone Fill: 20 FT Long x 6 FT Wide x 2.21 FT Thick / 27 = 9.8 CY x 1.4 = 13.72 Ton
- 1k) Replace and compact Crusher Run shoulder surface: 185 FT Long x 10 FT Wide x 0.442 FT Thick / 27 = 30.3 CY x 1.6 = 48.5 T



Location Description:

County Road - 6

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources**Amount**

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	477DR3BP-12
Activity Title:	Wright Road Bridge Over Stoney Clove Creek

Activity Category:

Construction/reconstruction of streets

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Greene County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$2,578.83
Total Budget	\$0.00	\$2,578.83
Total Obligated	\$0.00	\$2,578.83
Total Funds Drawdown	\$0.00	\$2,578.83
Program Funds Drawdown	\$0.00	\$2,578.83
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$2,578.83
Greene County	\$0.00	\$2,578.83
Most Impacted and Distressed Expended	\$0.00	\$2,578.83
Match Contributed	\$0.00	\$0.00

Activity Description:

The applicant used Force Account Materials and Contracted Services from Wm. J. Keller & Sons Construction Corp. to complete the following repairs:

-Site #1A- (North Abutment)Excavate, form and pour concrete scour apron (36 ft L X 1.5 ft W X 2ft D = 4 cy) in front of face of existing abutment stem and reclaim and replace 36 ft L X 5 ft W X 2.5 ft D = 16.7 cy stone fill.

-Site #1B- (South Abutment) Reclaim and replace approx. 15 ft L X 4 W X 2.5 ft D = 5.56 cy stone fill at West side of abutment.

Note: Material receipt (Bonded Concrete, Inc.) attached to PW.

Note: Project was competitively bid and was awarded to low bidder Wm. J. Keller & Sons Corp. (agreement attached)

Note: Guardrails need to be re-set but will be captured on a County-wide PW.

Location Description:

Wright Road Bridge Over Stoney Clove Creek

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	477DR3BQ-12
Activity Title:	Eroded road embankment

Activity Category:

Construction/reconstruction of streets

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Greene County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$22,919.17
Total Budget	\$0.00	\$22,919.17
Total Obligated	\$0.00	\$22,919.17
Total Funds Drawdown	\$0.00	\$22,919.17
Program Funds Drawdown	\$0.00	\$22,919.17
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$22,919.17
Greene County	\$0.00	\$22,919.17
Most Impacted and Distressed Expended	\$0.00	\$22,919.17
Match Contributed	\$0.00	\$0.00

Activity Description:

CR-07: Site 1 beginning at the intersection of State Route 23 & CR-07; Site 2 is approximately 0.20 mile north of site 1.

The applicant used 16 hours of Force Account Labor, 16 hours of Force Account Equipment, in addition to numerous contractors to complete the following repairs on CR-07.

The following contractors were employed: Evergreen Mountain Contracting (labor & equipment), Goff Construction (labor & equipment for material hauling), Litchko Construction (guide rail), and KCK Paving (road surface). The applicant purchased 1,519.61 Tons of stone to complete the repairs which compares favorably to the damage dimensions.

Site 1. CR-07 GPS 42.32095, -74.43552 (start); 42.32205, -74.43521 (end)

1a) Replace and set Stackable Stone Fill: 95 FT Long x 4 FT Wide x 4.24 FT Thick / 27 = 59.7 CY x 1.4 = 83.6 Ton

1b) Replace and set Extra Heavy Stone Fill: 325 FT Long x 4 FT Wide x 2.77 FT Thick / 27 = 133.6 CY x 1.4 = 187.04 Ton

1c) Replace and set Heavy Stone Fill: 425 FT Long x 4 FT Wide x 3.24 FT Thick / 27 = 204 CY x 1.4 = 285.6 Ton

1d) Replace and set Medium Stone Fill: 580 FT Long x 8 FT Wide x 1.65 FT Thick / 27 = 284.3 x 1.4 = 398 Ton

1e) Replace and install 6 IN x 6 IN steel Box Beam guide rail w/ 3 IN steel posts: 230 LF (west side CR-07)

Site 2. CR-07 GPS 42.32402, -74.43299 (start); 42.32517, -74.42971 (end)

2a) Replace and set Medium Stone Fill: 485 FT Long x 8 FT Wide x 1.97 FT Thick / 27 = 283.7 x 1.4 = 397.16 Ton

2b) Replace and set Light Stone Fill: 485 FT Long x 2.5 FT Wide x 1.65 FT Thick / 27 = 77.5 x 1.4 = 108.51 Ton

2c) Replace and compact Crusher Run gravel: 485 FT Long x 5 FT Wide x 0.48 FT Thick / 27 = 42.7 x 1.4 = 59.75 Ton

2d) Replace and install 6 IN x 6 IN steel Box Beam guide rail w/ 3 IN steel posts: 210 LF (west side CR-07)

2e) Replace and install 6 IN x 6 IN steel Box Beam guide rail w/ 3 IN steel posts: 275 LF (east side CR-07)

Location Description:

State Route 23 & CR-07

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	477DR3BR-12
Activity Title:	Bridge damage

Activity Category:

Construction/reconstruction of streets

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Greene County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$22,313.19
Total Budget	\$0.00	\$22,313.19
Total Obligated	\$0.00	\$22,313.19
Total Funds Drawdown	\$0.00	\$22,313.19
Program Funds Drawdown	\$0.00	\$22,313.19
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$22,313.19
Greene County	\$0.00	\$22,313.19
Most Impacted and Distressed Expended	\$0.00	\$22,313.19
Match Contributed	\$0.00	\$0.00

Activity Description:

Case Road Bridge: approximately 300 yards west of the intersection of Case Road and CR-19

The applicant used 37 hours of force account regular time labor, 41 hours of force account equipment, heavy stone fill (153.2 Ton), and bituminous concrete (57 Ton) to assist the contractor in repairs of the Case Road Bridge.

The applicant employed Advanced Enterprise to complete the repairs with KCK Paving hired to pave the bridge surface. The Town of Coxsackie contributed labor and equipment to haul material for paving.

Case Road Bridge (BIN 3200540) GPS 42.32036, -74.24686

- 1) Replace and set Heavy Stone Rip Rap: 65 FT Long x 12 FT Wide x 3.79 FT Thick / 27 = 109.4 CY x 1.4 = 153.2 Ton
- 2) Replace and compact Bituminous Concrete road surface: approximately 65 FT Long x 24 FT Wide = 1,560 SF
- 3) Reclaim and compact unclassified gravel embankment material: 175 FT Long x 15 FT Wide x 7 FT Thick / 27 = 681 CY
- 4) Collect and haul debris to chipping site: 1) 40 FT Long x 25 FT Wide x 6 FT High / 27 = 222 CY; 2) 35 FT Long x 25 FT Wide x 6 FT High / 27 = 194 CY (416 CY Total)

Incidental to the bridge repairs was the collecting and hauling of two debris piles located on the east and west upstream side of the bridge: 1) 40 FT Long x 25 FT Wide x 6 FT High / 27 = 222 CY; 2) 35 FT Long x 25 FT Wide x 6 FT High / 27 = 194 CY (416 CY Total). The debris was hauled to the chipping site in Hensonville (GPS 42.29457, -74.21275).

Location Description:

Case Road Bridge

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	477DR3BS-12
Activity Title:	Bridge demolition at CR-40

Activity Category:

Construction/reconstruction of streets

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Greene County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$7,403.00
Total Budget	\$0.00	\$7,403.00
Total Obligated	\$0.00	\$7,403.00
Total Funds Drawdown	\$0.00	\$7,403.00
Program Funds Drawdown	\$0.00	\$7,403.00
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$7,403.00
Greene County	\$0.00	\$7,403.00
Most Impacted and Distressed Expended	\$0.00	\$7,403.00
Match Contributed	\$0.00	\$0.00

Activity Description:

At the intersection of CR-40 & 65A

The applicant, after receiving 3 bids, selected Advanced Enterprise as the low bid to demolish the bridge over Batavia Kill Creek on CR-40 (BIN 3-30285-0). The superstructure only was demolished with the abutments to be removed at the time of replacement. The bridge replacement will be captured on a future PW. All work was completed from above and no equipment entered the water.

BIN 3-30285-0 CR-40 Bridge GPS 42.28830, -74.21483

1) Demolish and dispose of 24 FT Wide x 62 FT Long bridge superstructure

Location Description:

Bridge demolition at CR-40

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	477DR3BT-12
Activity Title:	Displace Culvert and Rip Rap

Activity Category:

Construction/reconstruction of streets

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Greene County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$13,733.50
Total Budget	\$0.00	\$13,733.50
Total Obligated	\$0.00	\$13,733.50
Total Funds Drawdown	\$0.00	\$13,733.50
Program Funds Drawdown	\$0.00	\$13,733.50
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$13,733.50
Greene County	\$0.00	\$13,733.50
Most Impacted and Distressed Expended	\$0.00	\$13,733.50
Match Contributed	\$0.00	\$0.00

Activity Description:

CR-10; Approximately 0.36 mile north east from the intersection of CR-32C and CR-10
The applicant used 11 hours of Force Account Regular Time Labor, 11 hours of Force Account Equipment, and Materials (Peckham Industries) to assist the contractor with the culvert repair on CR-10.
The applicant employed A. Colarusso for the culvert, culvert coverage, and rip rap replacement with KCK Paving providing the labor and equipment to resurface the road.
Site 1: County Road 10 GPS 42.33978, -74.29105
1a) Replace and install 8.5 FT DIA Steel Culvert: 45 LF
1b) Replace and install Heavy Stone Fill Rip Rap: 50 FT Long x 12 FT Wide x 2.13 FT Thick / 27 = 47.3 CY x 1.4 = 66.16 Ton
1c) Replace and compact Bituminous Concrete road surface: 100 FT Long x 21 FT Wide x 0.25 FT Thick = 19.4 CY = 39.19 Ton

Location Description:

CR-10

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	477DR3BU-12
Activity Title:	Undermined Concrete Bridge Abutment

Activity Category:

Construction/reconstruction of streets

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Greene County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$17,810.52
Total Budget	\$0.00	\$17,810.52
Total Obligated	\$0.00	\$17,810.52
Total Funds Drawdown	\$0.00	\$17,810.52
Program Funds Drawdown	\$0.00	\$17,810.52
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$17,810.52
Greene County	\$0.00	\$17,810.52
Most Impacted and Distressed Expended	\$0.00	\$17,810.52
Match Contributed	\$0.00	\$0.00

Activity Description:

Bloomer Road Bridge over Goosberry Creek:

approximately 0.34 mile north west of the intersection of Bloomer Road & CR-16.

The applicant used 10 hours of force account regular time labor and 5 hours of force account equipment to assist the contractor in the repairs of the bridge at Goosberry Creek on Bloomer Road. The applicant employed Advanced Enterprise Concrete & Excavation to complete the following repairs:

Bloomer Road Bridge CR-16: GPS 42.18578, -74.15649

- 1) Replace unclassified fill with concrete under north concrete abutment: 30 FT Long x 6 FT Wide x 6 FT Thick / 27 = 40 CY
- 2) Replace and set Large Landscape Stone Rip Rap south abutment: 60 FT Long x 8 FT Wide x 1.99 FT Thick / 27 = 35.3 x 1.4 = 49.4 TON
- 3) Replace and set Heavy Stone Fill Rip Rap north abutment: 90 FT Long x 15 FT Wide x 3.49 FT Thick / 27 = 174.4 x 1.4 = 244.11 T
- 4) Replace and set Medium Stone Fill Rip Rap north abutment: 35 FT Long x 15 FT Wide x 2.26 FT Thick / 27 = 43.9 x 1.4 = 61.48 T

Advanced Enterprise is one of 3 pre-approved contractors for Greene County and was awarded the contract as the low bidder

Location Description:

Bloomer Road Bridge over Goosberry Creek:

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	477DR3BV-12
Activity Title:	Eroded and Displaced Stone Rip Rap

Activity Category:

Construction/reconstruction of streets

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Greene County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$24,016.92
Total Budget	\$0.00	\$24,016.92
Total Obligated	\$0.00	\$24,016.92
Total Funds Drawdown	\$0.00	\$24,016.92
Program Funds Drawdown	\$0.00	\$24,016.92
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$24,016.92
Greene County	\$0.00	\$24,016.92
Most Impacted and Distressed Expended	\$0.00	\$24,016.92
Match Contributed	\$0.00	\$0.00

Activity Description:
Location Description:

CR-23C: at the intersection of Alfred O'Bryan Road (approximately 1.7 mile South East of the intersection of CR-23C & Scribner Hollow Road)

The applicant purchased concrete (47 CY), heavy stone fill (420.54 Ton), and stackable stone (145.47 Ton) to repair the scour and displaced rip rap for bridge BIN 3-36358-0 on CR-23C. The applicant employed WM. J. Keller & Sons Construction to provide the labor and equipment to complete the repairs. Creighton Manning provided engineering and bid documents. Bridge @ County Road-23C GPS 42.23807, -74.14592

1) Replace (scour) Unclassified Fill at the north concrete bridge abutment with Class G Concrete: 63 FT Long x 8.06 FT Wide x 2.5 FT Thick / 27 = 47 CY

2) Replace and set Landscape (stackable) Stone: 63 FT Long x 8 FT Wide x 5.57 FT Thick / 27 = 103.9 CY x 1.4 = 218.4 Ton

3) Replace and set Heavy Stone Fill: 60 FT Long x 20(average) FT Wide x 6.76 FT Thick / 27 = 300.4 CY x 1.4 = 420.54 Ton

Repairing the eroded abutment with poured concrete was the least cost alternative to replacing and compacting unclassified fill. Anti Washout Additive: The DEC permit requires that no concrete be released into the stream. At the time of repairs the water level in the creek was so high that it was impossible to completely dewater the concrete forms. The anti washout additive is added to the concrete to help the material set and prevent the concrete

from entering the creek.

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources	Amount
No Other Funding Sources Found	
Total Other Funding Sources	



Grantee Activity Number:	477DR3BW-12
Activity Title:	Displaced Gravel Shoulders

Activity Category:

Construction/reconstruction of streets

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Greene County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$5,213.19
Total Budget	\$0.00	\$5,213.19
Total Obligated	\$0.00	\$5,213.19
Total Funds Drawdown	\$0.00	\$5,213.19
Program Funds Drawdown	\$0.00	\$5,213.19
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$5,213.19
Greene County	\$0.00	\$5,213.19
Most Impacted and Distressed Expended	\$0.00	\$5,213.19
Match Contributed	\$0.00	\$0.00

Activity Description:

CR-54 approximately 900 FT east of the intersection of CR-54 & Jennings Road

The applicant used 220 hours of force account regular time labor, 220 hours of force account equipment, and materials to complete the following repairs on CR-54.

CR-54 Eroded Ditches & Culverts GPS 42.40776, -73.86266 (start); 42.40805, -73.86641 (end)

1) Replace and compact Light Stone Fill ditch lining: 325 FT Long x 5 FT Wide x 0.69 FT Thick / 27 = 41.48 CY x 1.4 = 58.07 Ton

2) Replace and compact Medium Stone Fill ditch lining: 275 FT Long x 7 FT Wide x 0.771 FT Thick / 27 = 55.07 CY x 1.4 = 77.1 Ton

3) Replace and compact Surge Stone ditch lining: 225 FT Long x 7 FT Wide x 0.52 FT Thick / 27 = 30.56 CY x 1.4 = 42.78 Ton

4) Replace and compact Item 4 (scalpings) road shoulder: 225 FT Long x 5 FT Wide x 0.49 FT Thick / 27 = 20.36 CY x 1.4 = 28.51 Ton

5) Replace and compact Slope Stone ditch lining: 340 FT Long x 9 FT Wide x 0.47 FT Thick / 27 = 52.91 CY x 1.4 = 74.08 Ton

Location Description:

CR-54 approximately 900 FT east of the intersection of CR-54 & Jennings Road

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	477DR3BX-12
Activity Title:	Eroded Rd Embankment, Shoulders, and Ditches

Activity Category:

Construction/reconstruction of streets

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Greene County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$1,501.28
Total Budget	\$0.00	\$1,501.28
Total Obligated	\$0.00	\$1,501.28
Total Funds Drawdown	\$0.00	\$1,501.28
Program Funds Drawdown	\$0.00	\$1,501.28
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$1,501.28
Greene County	\$0.00	\$1,501.28
Most Impacted and Distressed Expended	\$0.00	\$1,501.28
Match Contributed	\$0.00	\$0.00

Activity Description:

Beech Ridge South from the intersection with State Route 42 extending uphill approximately 0.25 mile

Beech Ridge South Road is owned by the Town of Lexington and this PW addresses work performed by the Greene County DPW to assist in repairs. Following the incident, 2 bridges were damaged and unusable on State Route 42 requiring an alternate route for traffic. Beech Ridge North & South, both severely damaged, were needed to serve as an alternate / detour around SR-42. The Town of Lexington, already overwhelmed by damages in their jurisdiction, requested assistance from Greene County to help repair damages on Beech Ridge South. The DPW hauled and paid for materials. This PW is written to capture the labor, equipment, and materials provided by Greene County DPW to aid and assist in the repairs of Beech Ridge South.

The applicant used 17 hours of force account regular time, 17 hours of force account equipment, and materials to assist in the following repairs:

Beech Ridge South Road GPS 42.20739, -74.39051 (start); 42.21011, -74.39316 (end)

- 1) Replace and compact Light Stone Fill: 520 FT Long x 5 FT Wide x 1.07 FT Thick / 27 = 102.6 CY x 1.4 = 143.66 Ton
- 2) Replace and compact Medium Stone Fill: 325 FT Long x 5 FT Wide x 1.40 FT Thick / 27 = 84 CY x 1.4 = 117.591 Ton
- 3) Replace and compact Crusher Run gravel: 525 FT Long x 5 FT Wide x 0.42 FT Thick / 27 = 40.6 CY x 1.4 = 56.87 Ton

Location Description:


Beech Ridge South from the intersection with State Route 42

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	477DR3BY-12
Activity Title:	Scour Around Bridge Abutment

Activity Category:

Construction/reconstruction of streets

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Greene County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$7,143.50
Total Budget	\$0.00	\$7,143.50
Total Obligated	\$0.00	\$7,143.50
Total Funds Drawdown	\$0.00	\$7,143.50
Program Funds Drawdown	\$0.00	\$7,143.50
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$7,143.50
Greene County	\$0.00	\$7,143.50
Most Impacted and Distressed Expended	\$0.00	\$7,143.50
Match Contributed	\$0.00	\$0.00

Activity Description:

At the intersection of CR-22 and Clay Hill Road

The applicant provided the materials (Cranesville Block / Peckham Materials Corp) for the following repairs completed by WM. J. Keller and Sons Construction Corp. at the bridge on CR-22. Creighton Manning Engineering provided inspection / engineering services and the scope of work for repairs. The bent fascia I beam was load tested for strength and determined to be sound (see Creighton Manning Invoice 111144#6).
Repairing the eroded abutment with poured concrete was the least cost alternative to replacing and compacting unclassified fill. The guide rail will be captured on a future county wide guide rail PW.
Bridge (BIN 3-30312-0) County Road 22 GPS 42.40583, -74.15206
1) Replace and pour Class A Concrete apron: 34 FT Long x 3 FT Wide x 1.59 FT Thick / 27 = 6 CY
2) Replace and compact Item 4 (scalping - Item 4 with additional fines) shoulders east side approach: 70 FT Long x 12 FT Wide x 1.49 FT Thick / 27 = 46.4 CY x 1.6 = 74.2 Ton
3) Replace and set Heavy Stone Fill Rip Rap: 55 FT Long x 10 FT Wide x 5.77 FT Thick / 27 = 117.6 CY x 1.4 = 164.7 Ton

Location Description:

At the intersection of CR-22 and Clay Hill Road

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	477DR3BZ-12
Activity Title:	Mitchell Hollow Bridge (CR-21) over Mad Brook

Activity Category:

Construction/reconstruction of streets

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Greene County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$18,109.47
Total Budget	\$0.00	\$18,109.47
Total Obligated	\$0.00	\$18,109.47
Total Funds Drawdown	\$0.00	\$18,109.47
Program Funds Drawdown	\$0.00	\$18,109.47
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$18,109.47
Greene County	\$0.00	\$18,109.47
Most Impacted and Distressed Expended	\$0.00	\$18,109.47
Match Contributed	\$0.00	\$0.00

Activity Description:

County Road - 21: Approximately 450 FT south of the intersection of Siam Road and CR-21

The applicant used 38.5 hours of force account regular time labor, 34 hours of force account equipment, and materials to assist the contractor in the repairs of the Mitchell Hollow Bridge on County Road - 21.

The Applicant employed Town and County Bridge & Rail to complete the following repairs:

Mitchell Hollow Bridge GPS 42.34306, -74.24681

1)Form and pour concrete at north side concrete abutment: 48 FT Long x 2.5 FT Wide x 3.6 FT Thick / 27 = 16 CY

2)Replace and compact #1A stone at downstream north side abutment wing wall: 7 FT Long x 5 FT Wide x 3 FT Thick / 27 = 3.9 CY

3)Form and pour concrete at south side concrete abutment: 64 FT Long x 4.5 FT Wide x 4.69 FT Thick / 27 = 50 CY

4)Reclaim and place unclassified gravel downstream south side abutment wing wall: 5 FT Long x 4 FT Wide x 3 FT Thick / 27 = 2.2 CY

5)Reclaim and place unclassified gravel upstream south side road shoulder: 15 FT Long x 8 FT Wide x 4 FT Thick / 27 = 17.8 CY

Town and County Bridge & Rail, Bonded Concrete Inc. and Cranesville Block Company, Inc are pre-approved suppliers per resolution #185-11, May 22, 2011 - May 21, 2012.

General Permit # GP-0-11-007 for this work is attached.

Location Description:

Mitchell Hollow Bridge (CR-21) over Mad Brook

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources**Amount**

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	477DR3C-12
Activity Title:	Temporary Bridge

Activity Category:

Construction/reconstruction of streets

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Greene County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$12,494.58
Total Budget	\$0.00	\$12,494.58
Total Obligated	\$0.00	\$12,494.58
Total Funds Drawdown	\$0.00	\$12,494.58
Program Funds Drawdown	\$0.00	\$12,494.58
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$12,494.58
Greene County	\$0.00	\$12,494.58
Most Impacted and Distressed Expended	\$0.00	\$12,494.58
Match Contributed	\$0.00	\$0.00

Activity Description:

The applicant used 28 hours of regular time force account labor, 10 hours of force account equipment, and materials to flag and barricades the road, and assists the contractor in the placement of a temporary bridge over the washed out culvert on CR-23C.

The applicant employed A. Colarusso & Son to provide labor, equipment, and materials to place the temporary bridge, set the Jersey Barriers, and pave the approaches.

Damaged Culvert County Route 23C GPS 42.25349, -74.25880

1a) Rebuild embankment (East & West), base, and approaches for the temporary bridge using Light & Heavy Stone Fill, Slope Material, and Fine Stone Fill (673.33 Ton Total)

1b) Place temporary bridge and pave approaches and bridge deck: approximately 220 FT Long x 20 FT Wide

1c) Install Jersey Barriers (4 each approach) and Guide Rail 70 LF each side

Location Description:

County Route 23C

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources	Amount
No Other Funding Sources Found	
Total Other Funding Sources	



Grantee Activity Number:	477DR3CA-12
Activity Title:	Eroded Embankment on Falke Road

Activity Category:

Construction/reconstruction of streets

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Greene County

Overall
Total Projected Budget from All Sources
Oct 1 thru Dec 31, 2019

N/A

To Date

\$17,234.04

Total Budget

\$0.00

\$17,234.04

Total Obligated

\$0.00

\$17,234.04

Total Funds Drawdown

\$0.00

\$17,234.04

Program Funds Drawdown

\$0.00

\$17,234.04

Program Income Drawdown

\$0.00

\$0.00

Program Income Received

\$0.00

\$0.00

Total Funds Expended

\$0.00

\$17,234.04

Greene County

\$0.00

\$17,234.04

Most Impacted and Distressed Expended

\$0.00

\$17,234.04

Match Contributed

\$0.00

\$0.00

Activity Description:
Location Description:

Damage starts approximately 800 FT from the intersection of Falke Road & CR-2 and extends for approximately 0.5 mile at intermittent sections

Falke Road is owned by the Town of Lexington and is the only egress into the Cobblestone rock quarry that serves the entire area. Lexington is a small town and was overwhelmed by damages in their jurisdiction. With roads and bridges washed out throughout Greene County it was imperative to maintain egress to the quarry via Falke Road. To facilitate repairs throughout Greene County, Greene County DPW took over supervision of the repairs and awarded the repair contract to Evergreen Mountain Contracting. The contract cost were presented to the Town of Lexington upon completion and these labor only cost were captured on PW #4220205 (EMMIE #01049). This PW is written to capture the material costs which were charged through Greene County DPW. All work was complete at the time of inspection and the dimensions are approximate.

Site 1 Falke Road Erosion Damage GPS 42.26879, -74.41329 (start); 42.27367, -74.40891 (end)

1) Replace and compact Light Stone Fill: 110 FT Long x 35 FT Wide x 1.99 FT Thick / 27 = 284 CY x 1.4 = 397.56 Ton

2) Replace and compact Medium Stone Fill: 125 FT Long x 15 FT Wide x 0.83 FT Thick / 27 = 57.6 CY x 1.4 = 80.59 Ton

3) Replace and compact Heavy Stone Fill: 190 FT Long x 20 FT Wide x 2.54 FT Thick / 27 = 356.9 CY x 1.4 = 499.63 Ton

4) Replace and compact Extra Heavy Stone Fill: 520 FT Long x 45 FT Wide x 2.34 FT Thick / 27 = 2,029.6 CY x 1.4 = 2,841.43 Ton
 5) Replace and compact Flat Stackable Rock: 125 FT Long x 15 FT Wide x 5.08 FT Thick / 27 = 352.6 CY x 1.4 = 493.67 Ton
 6) Replace and compact #3 Stone: 55 FT Long x 10 FT Wide x 0.79 FT Thick / 27 = 16.1 CY x 1.4 = 22.49 Ton
 Evergreen Mountain Contracting was awarded the no-bid contract as allowed per Greene County Emergency Order issued 8/28/11 and extended through 9/15/11 whereas all "procurement and acquisition of materials, equipment and services via standard bidding procedures are suspended" (attached). In addition, New York State Department of Environmental Conservation suspended permits for critical emergency work

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	477DR3CB-12
Activity Title:	Scour Around ridge abutments

Activity Category:

Construction/reconstruction of streets

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Greene County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$3,129.14
Total Budget	\$0.00	\$3,129.14
Total Obligated	\$0.00	\$3,129.14
Total Funds Drawdown	\$0.00	\$3,129.14
Program Funds Drawdown	\$0.00	\$3,129.14
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$3,129.14
Greene County	\$0.00	\$3,129.14
Most Impacted and Distressed Expended	\$0.00	\$3,129.14
Match Contributed	\$0.00	\$0.00

Activity Description:

Advan Road is approximately 0.49 mile east of the intersection of Rusk Mountain Road & CR-6; Wolf Road is an additional 0.52 Mile east of Advan Road

The applicant employed Wm. J Keller & Sons Construction to complete the repairs at both the following locations. The site 1 repair required the contractor to form up and pour 5 CY of concrete in front of and under the west side abutment. Site 2 required 1 CY of concrete poured into the scour hole and the displaced rip rap to be reclaimed and reset.

Site 1. Advan Road Bridge GPS 42.18911, -74.29788

1a) Form and pour 3000 PSI Concrete: 32 FT Long x 2 FT Wide x 2.11 FT Thick / 27 = 5 CY

Site 2 Wolf Road Bridge GPS 42.18900, -74.28815

2a) Machine pump 3000 PSI Concrete: 2 FT Long x 5 FT Wide x 1.8 FT Thick / 27 = 1 CY

2b) Recover and set heavy stone rip rap: 50 FT Long x 12 FT Wide x 2.5 FT Thick / 27 = 55.6 CY

Location Description:

Advan Road

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	477DR3CC-12
Activity Title:	Damage CR-2

Activity Category:

Construction/reconstruction of streets

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Greene County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$51,929.30
Total Budget	\$0.00	\$51,929.30
Total Obligated	\$0.00	\$51,929.30
Total Funds Drawdown	\$0.00	\$51,929.30
Program Funds Drawdown	\$0.00	\$51,929.30
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$51,929.30
Greene County	\$0.00	\$51,929.30
Most Impacted and Distressed Expended	\$0.00	\$51,929.30
Match Contributed	\$0.00	\$0.00

Activity Description:

Wing wall @ Mosquito Point Bridge & continuing 1,650 LF downstream on CR-2

The applicant employed Evergreen Mountain Contracting, KCK Paving, and Litchko Construction for labor and equipment to complete the following repairs at the Mosquito Point Bridge and County Road 2. The applicant used 20.5 hours of force account regular time labor, 20.5 hours of equipment, and supplied all materials (stone & gravel, bituminous concrete, and guide rail) needed for repairs. The Town of Cocksackie and the Town of Windham supplied labor and dump trucks to haul the bituminous concrete on the day of paving.

Site 1. Mosquito Point Bridge Eroded Wing Wall (north side upstream) GPS 42.26072, -74.39818

1a) Replace and set Flat Stackable Rock: 45 FT Long x 6 FT Wide x 6.22 FT Thick / 27 = 62.2 CY x 1.4 = 87.1 Ton

1b) Replace and set X Heavy Stone Fill: 45 FT Long x 5 FT Wide x 4.75 FT Thick / 27 = 39.6 CY x 1.4 = 55.4 Ton

1c) Replace and set Heavy Stone Fill: 45 FT Long x 5 FT Wide x 5.74 FT Thick / 27 = 47.8 CY x 1.4 = 66.9 Ton

1d) Replace and set Light Stone Fill: 45 FT Long x 15 FT Wide x 0.54 FT Thick / 27 = 13.4 CY x 1.4 = 18.7 Ton

1e) Replace and compact Crusher Run gravel: 45 FT Long x 20 FT Wide x 2.68 FT Thick / 27 = 89.4 CY x 1.6 = 143.01 Ton

Site 2. County Road 2 GPS 42.26046, -74.39818 (start); 42.26369, -74.40323 (end)

2a) Replace and set Flat Stackable Rock: 525 FT Long x 6 FT Wide x 4.57 FT Thick / 27 = 533.3 CY x 1.4 = 746.67 Ton

2b) Replace and set X Heavy Stone Fill: 925 FT Long x 7 FT Wide x 4.85 FT Thick / 27 = 1,163.4 CY x 1.4 = 1,628.772 Ton

2c) Replace and set Heavy Stone Fill: 1,225 FT Long x 8 FT Wide x 3.662 FT Thick / 27 = 1,329.4 CY x 1.4 = 1,861.13 Ton

2d) Replace and set Medium Stone Fill: 1,225 FT Long x 12 FT Wide x 1.94 FT Thick / 27 = 1,055 CY x 1.4 = 1,476.965 Ton

2d) Replace and set Light Stone Fill: 1,225 FT Long x 20 FT Wide x 0.987 FT Thick / 27 = 895.3 CY x 1.4 = 1,253.38 Ton
 2e) Replace and compact Crusher Run gravel: 1,650 FT Long x 12 FT Wide x 0.663 FT Thick / 27 = 486.3 CY x 1.6 = 778 Ton
 2f) Replace and compact Fine Stone Fill: 450 FT Long x 4 FT Wide x 0.39 FT Thick / 27 = 25.8 CY x 1.6 = 41.31 Ton
 2g) Replace and install 6 IN x 6 IN Galv. Box Beam Guide Rail w/ 3 IN steel Posts (5ft3in): 810 LF Rail & 138 Posts
 2h) Replace and compact Bituminous Concrete Road Surface: 600 FT Long x 18 FT Wide (0.33 FT Thick) / 9 = 1,200 SY
 (Bituminous Concrete weighs 110 lbs / SY / IN therefore 1,200 SY x 110 x 3 = 396,000 / 2,000 = 198 Ton)

Location Description:

Damage CR-2

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	477DR3CD-12
Activity Title:	Damage CR-2

Activity Category:

Construction/reconstruction of streets

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Greene County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$5,651.16
Total Budget	\$0.00	\$5,651.16
Total Obligated	\$0.00	\$5,651.16
Total Funds Drawdown	\$0.00	\$5,651.16
Program Funds Drawdown	\$0.00	\$5,651.16
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$5,651.16
Greene County	\$0.00	\$5,651.16
Most Impacted and Distressed Expended	\$0.00	\$5,651.16
Match Contributed	\$0.00	\$0.00

Activity Description:

The Intersection of Slater Road and CR-56

The applicant purchased concrete (16 CY), Medium Stone Fill (22.3 Ton), Slope Stone (23.5 Ton), and Bituminous Concrete (25 Ton) to repair the undermined abutment and displaced rip rap for the Slater Road Bridge (BIN #3201370). The applicant contracted with Advanced Enterprise to provide the labor and equipment to complete the repairs. Creighton Manning provided engineering analysis.

Slater Road Bridge GPS 42.28114, -74.18157

- 1) Replace Unclassified Fill under east concrete abutment with Type A Concrete: 32 FT Long x 4 FT Wide x 3.38 FT Thick / 27 = 16 CY
- 2) Replace and compact Medium Stone Fill rip rap (upstream eastside) embankment: 18 FT Long x 15 FT Wide x 1.59 / 27 = 15.9 CY x 1.4 = 22.3 Ton
- 3) Replace and compact Slope Stone rip rap (downstream eastside) embankment: 25 FT Long x 15 FT Wide x 1.21 FT Thick / 27 = 16.8 CY x 1.4 = 23.5 Ton
- 4) Replace and compact Bituminous Concrete surface course (approach): 50 FT Long x 36 FT Wide (0.17 - 0.21 FT Thick) = 25 Ton

Location Description:

The Intersection of Slater Road and CR-56

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	477DR3CE-12
Activity Title:	Damaged road surface

Activity Category:

Construction/reconstruction of streets

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Greene County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$7,318.56
Total Budget	\$0.00	\$7,318.56
Total Obligated	\$0.00	\$7,318.56
Total Funds Drawdown	\$0.00	\$7,318.56
Program Funds Drawdown	\$0.00	\$7,318.56
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$7,318.56
Greene County	\$0.00	\$7,318.56
Most Impacted and Distressed Expended	\$0.00	\$7,318.56
Match Contributed	\$0.00	\$0.00

Activity Description:

Site 1 starts approximately 0.74 mile southeast of the intersection of CR-25 and CR-23C
The applicant used 169 hours of force account regular time, 32.5 hours of force account overtime, 185 hours of force account equipment, and varying amounts of stone and gravel to complete the following repairs on CR-25. The applicant contracted with Fastracs Inc for labor and equipment for shoulder and ditch work, KCK Paving for road paving, Cobleskill Stone for rock and gravel, and Peckham Materials Corp for additional stone, gravel, and asphalt. The Towns of Coxsackie and Windham provided labor and equipment for hauling. Creighton Manning provided engineering analysis.
Site 1. County Road 25 GPS 42.22035, -74.12090 (start); 42.21930, -74.11875 (end)
1a) Ditch cleaning and shaping: 480 LF
1 b) Replace and compact Item 4 gravel shoulder: 375 FT Long x 4 FT Wide x 0.22 FT Thick / 27 = 12.2 CY x 1.6 = 19.48 Ton
Site 2. County Road 25 GPS 42.21548, -74.11422
2a) Replace and compact Item 4 road base and culvert coverage: 54 FT Long x 24 FT Wide x 2.04 FT Thick / 27 = 97.8 CY x 1.6 = 156.55 Ton
2b) Replace and compact Light Stone ditch lining: 54 FT Long x 5 FT Wide x 0.5 FT Thick / 27 = 5 CY x 1.4 = 7.03 Ton
2c) Reclaim and relay stacked stone rip rap: 35 FT Long x 14 FT Wide x 3 FT Thick
2d) Replace and compact Bituminous Concrete road surface: 54 FT Long x 24 FT Wide / 9 = 144 SY 144 SY x 0.33 FT Thick = 31.7 Ton (1 SY asphalt = 110 lbs. per IN -144 x 110 x 4 / 2000 = 31.7)
Site 3. County Road 25 GPS 42.20616, -74.10638
3a) Replace and compact Medium Stone Fill road embankment: 65 FT Long x 8 FT Wide x 2.87 FT Thick / 27 = 55.3 CY



x 1.4 = 77.39 Ton
 3b) Replace and compact Light Stone Fill ditch lining: 80 FT Long x 5 FT Wide x 0.43 FT Thick / 27 = 6.4 CY x 1.4 = 8.9 Ton
 3c) Replace and compact Item 4 road base course: 35 FT Long x 24 FT Wide x 0.5 FT Thick / 27 = 15.6 CY x 1.6 = 24.96 Ton
 3d) Replace and compact Item 4 gravel road shoulder: 362 FT Long x 5 FT Wide x 0.53 FT Thick / 27 = 35.5 CY x 1.6 = 56.8 Ton
 3e) Replace and compact Bituminous Concrete road surface: 35 FT Long x 24 FT Wide / 9 = 93.3 SY
 93.3 x 0.33 Thick = 20.41 Ton (1 SY asphalt = 110 lbs per IN-93.3 x 110 x 4/2000 = 20.41 Ton)
 Site 4. County 25 GPS 42.20258, -74.10938 (start); 42.20074, -74.10940 (end)
 4) Replace and compact Item 4 gravel road shoulder: 320 FT Long x 5 FT Wide x 0.28 / 27 = 16.6 CY x 1.6 = 26.56 Ton

Location Description:

intersection of CR-25 and CR-23C

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources	Amount
No Other Funding Sources Found	
Total Other Funding Sources	

Grantee Activity Number:	477DR3CG-12
Activity Title:	Shoulder and Embankment Washout

Activity Category:

Construction/reconstruction of streets

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Greene County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$2,603.00
Total Budget	\$0.00	\$2,603.00
Total Obligated	\$0.00	\$2,603.00
Total Funds Drawdown	\$0.00	\$2,603.00
Program Funds Drawdown	\$0.00	\$2,603.00
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$2,603.00
Greene County	\$0.00	\$2,603.00
Most Impacted and Distressed Expended	\$0.00	\$2,603.00
Match Contributed	\$0.00	\$0.00

Activity Description:

1911 County Road 06 GPS: 42.19147, -74.30710

The applicant used 13 hours force account labor and 13 hours equipment to haul the #4 and light stone fill to the site. Applicant used contracted labor (Wm. J. Keller & Sons) to place fabric and repair and replace the damaged embankment. The applicant procured this contract work under emergency measures. The applicants contractor repaired the following:

-Light Stone Fill washed away 65 FT x 10 FT x 1 FT = 24.07 CY (28.88 TON) (1 CY = 1.2 TON)

-Light Stone Fill washed away 50 FT x 8 FT x 1 FT = 14.81 CY (17.77 TON) = (1 CY = 1.2 TON)

-Item #4 washed away 40 FT x 4 FT x 2 FT = 11.85 CY (17.78 TON) (1 CY = 1.5 TON)

-Heavy Stone Fill washed away 25 FT x 8 FT x 2 FT = 14.81 CY (20.74 TON) (1 CY = 1.4 TON)

Location Description:

1911 County Road 06

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	477DR3CH-12
Activity Title:	Eroded Embankments and Bridge Scour

Activity Category:

Construction/reconstruction of streets

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Greene County

Overall
Total Projected Budget from All Sources
Oct 1 thru Dec 31, 2019

N/A

To Date

\$2,227.52

Total Budget

\$0.00

\$2,227.52

Total Obligated

\$0.00

\$2,227.52

Total Funds Drawdown

\$0.00

\$2,227.52

Program Funds Drawdown

\$0.00

\$2,227.52

Program Income Drawdown

\$0.00

\$0.00

Program Income Received

\$0.00

\$0.00

Total Funds Expended

\$0.00

\$2,227.52

Greene County

\$0.00

\$2,227.52

Most Impacted and Distressed Expended

\$0.00

\$2,227.52

Match Contributed

\$0.00

\$0.00

Activity Description:
CR-63 and Long Road Bridge

The applicant used 75 hours of force account regular time, 9 hours of force account overtime, 68 hours of force account equipment, and materials (item 4 gravel & light stone fill) to complete the following repairs. A rented excavator (Fink & Sons, Inc) was used for 2 days on these projects. Creighton Manning provided engineering services.

Site 1. County Road 63 (West Settlement Road) GPS 42.31495, -74.34417 (start); 42.31015, -74.33890 (end)

1a) Replace and compact Fine Stone Fill road shoulder: 425 FT Long x 6 FT Wide x 0.50 FT Thick / 27 = 47.2 CY x 1.4 = 66 Ton

1b) Replace and compact Item 4 road shoulder: 180 FT Long x 5 FT Wide x 0.26 FT Thick / 27 = 8.7 CY x 1.4 = 12 Ton

Site 2. Long Road Bridge BIN #3201320 GPS 42.20087, -74.36751

2a) Replace and compact Light Stone Fill north bridge abutment: 30 FT Long x 8 FT Wide x 3.79 FT Thick / 27 = 34 CY x 1.4 = 47.6 Ton

2b) Replace and compact Light Stone Fill embankment erosion: 20 FT Long x 8 FT Wide x 7.76 FT Thick / 27 = 46 CY x 1.4 = 64 Ton

2c) Replace and compact Item 4 road shoulder: 85 FT Long x 8 FT Wide x 2.06 FT Thick / 27 = 52 CY x 1.4 = 73 Ton

Location Description:

CR-63 and Long Road Bridge



Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	477DR3CI-12
Activity Title:	Eroded road surface, base, shoulders, and embankme

Activity Category:

Construction/reconstruction of streets

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Greene County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$42,998.36
Total Budget	\$0.00	\$42,998.36
Total Obligated	\$0.00	\$42,998.36
Total Funds Drawdown	\$0.00	\$42,998.36
Program Funds Drawdown	\$0.00	\$42,998.36
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$42,998.36
Greene County	\$0.00	\$42,998.36
Most Impacted and Distressed Expended	\$0.00	\$42,998.36
Match Contributed	\$0.00	\$0.00

Activity Description:

Intersection of CR-65 and CR-65A

The applicant used 114.5 hours of force account regular time labor, 23.75 hours of force account overtime, 115.25 hours of equipment, and various types of stone and gravel assist the contractor in the repairs of CR-65 and CR-65A. The applicant contracted with Peckham Road Corp and Advance Enterprise for labor & equipment for construction repairs, and Callanan Industries for paving.

Site 1. County Road 65 GPS 42.29242, -74.21569 (start); 42.29358, -74.21462 (end)

1a) Replace and compact Item 4 gravel bridge approach: 30 FT Long x 3 FT Wide x 7.92 FT Thick / 27 = 26.4 CY x 1.4 = 36.96 Ton

1b) Replace and compact Item 4 gravel shoulder: 125 FT Long x 10 FT Wide x 3.80 FT Thick / 27 = 175.93 CY x 1.4 = 246.3 Ton

1c) Replace and compact Unclassified Fill approach shoulder: 125 FT Long x 6 FT Wide x 1.75 FT Thick / 27 = 48.6 CY x 1.4 = 68 Ton

1d) Replace and compact Item 4 Aggregate Base Course: 425 FT Long x 26 FT Wide x 0.71 FT Thick / 27 = 290.6 CY x 1.4 = 406.8 Ton

1e) Replace and compact Medium Stone Fill shoulder damage: 290 FT Long x 10 FT Wide x 0.87 FT Thick / 27 = 93.4 CY x 1.4 = 131 Ton

Site 2. County Road 65A GPS 42.28841, -74.21466 (start); 42.29287, -74.21508 (end)

2a) Replace and compact Medium Stone Fill embankment repair: 325 FT Long x 10 FT Wide x 0.98 FT Thick / 27 = 118 CY x 1.4 = 165 Ton

2b) Replace and compact intermittent sections Item 4 shoulder and aggregate base course: 550 FT Long x 12 FT Wide x 0.94 FT Thick / 27 = 230 CY x 1.4 = 322 Ton

2c) Replace and compact Item 4 aggregate base course: 375 FT Long x 26 FT Wide x 0.31 FT Thick / 27 = 112 CY x 1.4 = 157 Ton
 2d) Calcium chloride for excessive dust from exposed Item 4 during construction and before road surface replaced: 797 gallons
 2e) Replace and compact Bituminous Concrete road surface: 140 FT Long x 20 FT Wide = 311 SY x 2 IN Thick = 17 CY / 35 Ton
 2f) Replace and compact Bituminous Concrete road surface: 200 FT Long x 20 FT Wide = 444 SY x 2 IN Thick = 25 CY / 49 Ton
 Any incidental vegetative debris removed during the repairs of CR-65 and CR-65A was taken to the State run tub grinder in Hensonville (42.29430, -74.21292) and chipped for mulch

Location Description:

Intersection of CR-65 and CR-65A

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	477DR3CJ-12
Activity Title:	County Road 78

Activity Category:

Construction/reconstruction of streets

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Greene County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$30,737.34
Total Budget	\$0.00	\$30,737.34
Total Obligated	\$0.00	\$30,737.34
Total Funds Drawdown	\$0.00	\$30,737.34
Program Funds Drawdown	\$0.00	\$30,737.34
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$30,737.34
Greene County	\$0.00	\$30,737.34
Most Impacted and Distressed Expended	\$0.00	\$30,737.34
Match Contributed	\$0.00	\$0.00

Activity Description:
County Road 78

The applicant used 341.5 hours of force account regular time labor, 29 hours of force account overtime labor, 376.5 hours of force account equipment, and materials (item 4 gravel, light stone fill, culvert pipe to assist the contractor in the repair of CR-78. The applicant contracted with Fastracs Inc for labor and equipment for road repairs, KCK Paving for asphalt road surface repairs, and Creighton Manning Engineering for engineering analysis. The Town's of Coxsackie and Windham hauled Bituminous Concrete on the paving days.

Site 1. County Road 78 GPS 42.23475, -74.14410 (start); 42.23396, -74.14239 (end)

1a) Replace and compact Item 4 Gravel bridge approach: 28 FT Long x 4 FT Wide x 3.59 FT Thick / 27 = 14.9 CY x 1.4 = 20.9 Ton

1b) Replace and compact Light Stone Fill road embankment: 75 FT Long x 4 FT Wide x 0.93 FT Thick / 27 = 10.3 CY x 1.4 = 14.4 Ton

1c) Ditch cleaning and shaping: 875 LF

1d) Replace and compact Item 4 Gravel road shoulder: 875 FT Long x 6 FT Wide x 0.64 FT Thick / 27 = 124 CY x 1.4 = 174 Ton

1e) Replace and install 18 IN Poly Culvert pipe: 30 LF

1f) Replace and compact Item 4 gravel road base: 180 FT Long x 26 FT Wide x 0.64 FT Thick / 27 = 111 CY x 1.4 = 155 Ton

1g) Replace and compact Bituminous Concrete road surface: 180 FT Long x 20 FT Wide = 400 SY x 1.5 IN Thick = 16.7 CY / 33 Ton

Site 2. County Road 78 GPS 42.23319, -74.13981 (start); 42.23356, -74.13752 (end)

2a) Replace and compact Item 4 road shoulder: 375 FT Long x 4 FT Wide x 0.93 FT Thick / 27 = 52 CY x 1.4 = 73 Ton

2b) Replace and compact Bituminous Concrete road surface: 375 FT Long x 10 FT Wide = 417 SY x 2 IN Thick =



23 CY / 46 Ton
 Site 3. County Road 78 GPS 42.23684, -74.12697 (start); 42.23768, -74.12529 (end)
 3a) Replace and compact Item 4 Gravel shoulders: 475 FT Long x 4 FT Wide x 0.82 FT Thick / 27 = 58 CY x 1.4 = 81 Ton
 3b) Replace and compact Bituminous Concrete road surface: 475 FT Long x 10 FT Wide = 528 SY x 1.5 IN Thick = 22 CY / 44 Ton
 Site 4 County Road 78 GPS 42.23800, -74.12433 (start); 42.23848, -74.12252 (end)
 4a) Jet and flush 72 IN Steel Pipe Culvert: 40 LF
 4b) Replace and compact Aggregate Base Course: 450 FT Long x 26 FT Wide x 0.54 FT Thick / 27 = 234 CY x 1.4 = 328 Ton
 4c) Replace and compact Bituminous Concrete road surface: 450 FT Long x 20 FT Wide = 1,000 SY x 2 IN Thick = 56 CY / 110 Ton
 The damage at the sites is intermittent but all work is located within the coordinates provided.
 Any incidental debris removed during the road repairs was taken to the State run grinder site in Hudsonville and chipped for mulch (42.29455, -74.21264).
 The damaged guide rail will be captured in a countywide guide rail PW

Location Description:

County Road 78

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources	Amount
No Other Funding Sources Found	
Total Other Funding Sources	

Grantee Activity Number:	477DR3CK-12
Activity Title:	County Road 6 at #1795

Activity Category:

Construction/reconstruction of streets

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Greene County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$8,470.16
Total Budget	\$0.00	\$8,470.16
Total Obligated	\$0.00	\$8,470.16
Total Funds Drawdown	\$0.00	\$8,470.16
Program Funds Drawdown	\$0.00	\$8,470.16
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$8,470.16
Greene County	\$0.00	\$8,470.16
Most Impacted and Distressed Expended	\$0.00	\$8,470.16
Match Contributed	\$0.00	\$0.00

Activity Description:

County Road 6 at #1795

The Applicant issued an emergency contract to Wm. J. Keller & Sons and used 12 hours of force account labor, 12 hours of force account equipment and force account material to complete the following work. The Project Specialist has reviewed the documentation that was submitted and found the costs reasonable.

1. Replace the rip rap along the creek adjacent to County Road 6 measuring approximately 100ft x 3ft x 8ft.
2. Replace and stabilize the road shoulder and slope measuring approximately 100ft x 15ft x 12ft.

Location Description:

County Road 6 at #1795

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources	Amount
No Other Funding Sources Found	
Total Other Funding Sources	



Grantee Activity Number:	477DR3CL-12
Activity Title:	Embankment Failure

Activity Category:

Construction/reconstruction of streets

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Greene County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$9,867.11
Total Budget	\$0.00	\$9,867.11
Total Obligated	\$0.00	\$9,867.11
Total Funds Drawdown	\$0.00	\$9,867.11
Program Funds Drawdown	\$0.00	\$9,867.11
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$9,867.11
Greene County	\$0.00	\$9,867.11
Most Impacted and Distressed Expended	\$0.00	\$9,867.11
Match Contributed	\$0.00	\$0.00

Activity Description:

CR 06 Kern's Manor, Lexington, NY

The applicant reconstructed the embankment to pre-disaster function and capacity measuring 210 ft. X 13 ft. X 4 ft. = 404 CY using a combination of force account labor and contracted work. The applicant used 22 hours of force account regular time and 22 hours of force account equipment. In accordance with their procurement policy (Supplies Resolution No. 185-11 attached), the applicant utilized the contracted services as follows:

- 1) William J. Keller & Sons Construction Corp. to provide additional labor, equipment and material to remove vegetative debris from the eroded section of embankment, place/grade the embankment using light stone fill (30.49 tons), crusher run stone (31.08 tons) and heavy stone fill (388.85 tons).
- 2) Cobleskill Stone Products, Inc. to provide light stone fill (30.49 tons) and crusher run stone (31.08 tons).
- 3) Peckman Materials Corp. to provide Item 4 stone (105.15 tons).
- 4) Callanan Industries, Inc. to provide hauling (92.75 hrs.) and heavy stone fill (388.85 tons).

Location Description:

CR 06 Kern's Manor, Lexington, NY

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	477DR3CM-12
Activity Title:	CR-6 between Auffarth Road and Mink Hollow Road

Activity Category:

Construction/reconstruction of streets

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Greene County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$1,335.11
Total Budget	\$0.00	\$1,335.11
Total Obligated	\$0.00	\$1,335.11
Total Funds Drawdown	\$0.00	\$1,335.11
Program Funds Drawdown	\$0.00	\$1,335.11
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$1,335.11
Greene County	\$0.00	\$1,335.11
Most Impacted and Distressed Expended	\$0.00	\$1,335.11
Match Contributed	\$0.00	\$0.00

Activity Description:

The applicant contracted with Wm. J. Keller & Sons Construction Corp (pre-qualified emergency contractor - Resolution #99-09) for the following repairs on CR-6. Callanan Industries supplied and hauled the light & heavy stone fill.

County Road 6 GPS 42.19169, -74.32872

- 1) Replace and install Heavy Stone Fill Rip Rap: 22 FT Long x 10 FT Wide x 2.64 FT Thick / 27 = 21.5 CY x 1.9 = 40.85 Ton
 - 2) Replace and install Light Stone Fill embankment: 22 FT Long x 10 FT Wide x 1.77 FT Thick / 27 = 14.4 CY x 1.4 = 20.2 Ton
- By using the least cost alternative / best construction practice of using light and heavy stone in place of unclassified fill and stone, the applicant effectively mitigated the site.

Location Description:

CR-6 between Auffarth Road and Mink Hollow Road

Activity Progress Narrative:

This activity is complete.



Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	477DR3CN-12
Activity Title:	Eroded & Damaged Road Surface & Base

Activity Category:

Construction/reconstruction of streets

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Greene County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$180,108.02
Total Budget	\$0.00	\$180,108.02
Total Obligated	\$0.00	\$180,108.02
Total Funds Drawdown	\$0.00	\$180,108.02
Program Funds Drawdown	\$0.00	\$180,108.02
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$180,108.02
Greene County	\$0.00	\$180,108.02
Most Impacted and Distressed Expended	\$0.00	\$180,108.02
Match Contributed	\$0.00	\$0.00

Activity Description:

Numerous Locations on County Road 40 & 56 The applicant used 790.5 hours of force account regular time, 46.25 hours of force account overtime, 710.75 hours of force account equipment, various types of stone and gravel (see attached Stone & Gravel Totals tab), and rental equipment (excavator - 1.5 days) to assist in the repairs of County Roads 40 & 56. The applicant contracted with Advance Construction for the majority of the road repairs. Callanan Industries and KCK Paving supplied labor and equipment to place and compact the applicant supplied asphalt. Litchko Construction installed the applicant supplied guide rails. Creighton Manning Engineering provided engineering analysis. Site 1. County Road 40 GPS 42.28656, -74.21414 1a) Replace and compact Item 4 Aggregate Base Course: 10 FT Long x 20 FT Wide x 0.5 FT Thick / 27 = 3.7 CY x 1.6 = 5.9 Ton 1b) Replace and compact Bituminous Concrete Road Surface: 10 FT Long x 20 FT Wide = 44.5 SY @ 2 IN Thick (2.5 Ton) Site 2. County Road 40 GPS 42.28649, -74.21411 2a) Replace and compact Item 4 Aggregate Base Course: 10 FT Long x 20 FT Wide x 0.5 FT Thick / 27 = 3.7 CY x 1.6 = 5.9 Ton 2b) Replace and compact Bituminous Concrete Road Surface: 10 FT Long x 20 FT Wide = 44.5 SY @ 2 IN Thick (2.5 Ton) Site 3. County Road 40 Culvert GPS 42.28542, -74.21302 3a) Eroded and destroyed 18 IN Poly Culvert: 95 LF 3b) Eroded and reclaimable Unclassified Culvert backfill: 95 FT Long x 5 FT Wide x 3 FT Thick / 27 = 52.8 CY 3c) Replace and compact Item 4 Aggregate Base Course: 50 FT Long x 20 FT Wide x 0.5 FT Thick / 27 = 18.5 CY x 1.6 = 29.6 Ton 3d) Replace and compact Bituminous Concrete Road Surface: 50 FT Long x 20 FT Wide = 222 SY @ 2 IN Thick (12.5 Ton) Site 4. County Road 40 Culvert GPS 42.28478, -74.21210 4a) Jet and flush 52 IN Squash Pipe: 80 LF 4b) Replace and compact Item 4 gravel Road Base: 40 FT Long x 26 FT Wide x 0.37 FT Thick / 27 = 14.1 CY x 1.6 = 22.54 Ton 4c) Replace and compact Bituminous Concrete Road Surface: 40 FT Long x 20 FT Wide = 178 SY @ 2 IN Thick (12.5 Ton) Site 5. County Road 40 GPS 42.27862, -74.20029 (start); 42.27630, -74.19701 (end) 5a) Replace and compact Unclassified Fill (#2) embankment: 85 FT Long x 6 FT Wide x 2.71 FT Thick / 27 = 51.2 CY x 1.4 = 72 T 5b) Replace and compact Slope Stone



embankment: 435 FT Long x 6 FT Wide x 2.14 FT Thick / 27 = 207 CY x 1.4 = 290 Ton 5c) Replace and compact Light Stone Fill embankment: 275 FT Long x 4 FT Wide x 0.98 FT Thick / 27 = 40 CY x 1.4 = 56 Ton 5d) Replace and compact Medium Stone Fill embankment: 625 FT Long x 7 FT Wide x 1.3 FT Thick / 27 = 211 CY x 1.4 = 295 Ton 5e) Replace and compact Fine Stone Fill shoulder: 125 FT Long x 7 FT Wide x 0.79 FT Thick / 27 = 25.6 CY x 1.4 = 36 Ton 5f) Replace and compact Heavy Stone Fill embankment: 800 FT Long x 6 FT Wide x 2.89 FT Thick / 27 = 514 CY x 1.6 = 822 T 5g) Replace and compact Item 4 Aggregate Base Course: 800 FT Long x 26 FT Wide x 0.45 FT Thick / 27 = 347 CY x 1.6 = 555 T 5h) Replace and compact Bituminous Concrete Road Surface: 800 FT Long x 20 FT Wide = 3,555 SY @ 2 IN Thick (196 Ton) 5i) Replace and install 6 IN SQ Steel Guide Rail with metal posts: 1,041 LF Site 6. County Road 40 GPS 42.27495, -74.19364 (start); 42.27513, -74.18743 (end) 6a) Replace and compact Light Stone Fill embankment: 425 FT Long x 7 FT Wide x 0.2 FT Thick / 27 = 22 CY x 1.4 = 31 Ton 6b) Replace and compact Slope Stone embankment: 755 FT Long x 5 F Wide x 0.64 FT Thick / 27 = 90 CY x 1.4 = 126 Ton 6c) Replace and compact Medium Stone Fill embankment: 365 FT Long x 6 FT Wide x 0.26 FT Thick / 27 = 21 CY x 1.4 = 29 Ton 6d) Replace and compact Heavy Stone Fill embankment: 1,300 FT Long x 6 FT Wide x 2.95 FT Thick / 27 = 852 CY x 1.8 = 1534 T 6e) Replace and compact Item 4 Aggregate Base Course: 1,300 FT Long x 26 FT Wide x 0.4 FT Thick / 27 = 501 CY x 1.6 = 802 T 6f) Replace and compact Bituminous Concrete Road Surface: 1,300 FT Long x 20 FT Wide = 7,222 SY @ 2.5 IN Thick (400 Ton) 6g) Replace and install 6 IN SQ Steel Guide Rail with metal posts: 155 LF (upstream side) and 110 LF (downstream side) Site 7. County Road 56 GPS 42.28219, -74.18012 (start); 42.28222, -74.17880 (end) 7a) Replace and compact Light Stone Fill embankment: 325 FT Long x 4 FT Wide x 0.81 FT Thick / 27 = 39 CY x 1.4 = 55 Ton 7b) Replace and compact Slope Stone embankment: 325 FT Long x 12 FT Wide x 1.01 FT Thick / 27 = 146 CY x 1.4 = 204 Ton 7c) Replace and compact Medium Stone Fill embankment: 325 FT Long x 5 FT Wide x 1.06 FT Thick / 27 = 64 CY x 1.4 = 90 Ton 7d) Replace and compact Heavy Stone Fill embankment: 325 FT Long x 12 FT Wide x 4.36 FT Thick / 27 = 659 CY x 1.8 = 1,186 Ton 7e) Replace and compact Item 4 Aggregate Base Course: 365 FT Long x 26 FT Wide x 0.68 FT Thick / 27 = 239 CY x 1.6 = 382 T 7f) Replace and compact Bituminous Concrete Road Surface: 365 FT Long x 20 FT Wide = 2,433 SY @ 3 IN Thick (135 Ton) 7g) Replace and install 18 IN Poly Culvert: 65 LF 7h) Replace and install 6 IN SQ Steel Guide Rail with metal posts: 375 LF Site 8. County Road 56 GPS 42.28428, -74.17462 (start); 42.28383, -74.17538 (end) 8a) Jet and flush 48 IN CMP: 40 LF 8b) Replace and compact Item 4 Aggregate Base Course: 280 FT Long x 26 FT Wide x 0.5 FT Thick / 27 = 135 CY x 1.6 = 216 Ton 8c) Replace and compact Bituminous Concrete Road Surface: 280 FT Long x 20 FT Wide = 1,556 SY @ 2.5 IN Thick (86 Ton) Site 9. County Road 56 42.29047, -74.15446 (start); 42.29030, -74.15484 (end) 9a) Jet and flush 18 IN CMP: 40 LF 9b) Ditch cleaning and shaping: 240 LF (both sides) 9c) Replace and compact Item 4 Aggregate Base Course: 240 FT Long x 26 FT Wide x 0.5 FT Thick / 27 = 116 CY x 1.6 = 184 Ton 9d) Replace and compact Bituminous Concrete Road Surface: 240 FT Long x 20 FT Wide = 1,333 SY @ 2.5 IN Thick (74 Ton) Site 10. County Road 56 GPS 42.29154, -74.15063 (start); 42.29126, -74.15106 (end) 10a) Jet and flush twin 24 IN Steel Pipe Culvert: 80 LF 10b) Ditch cleaning and shaping: 220 LF 10c) Replace and compact Item 4 Aggregate Base Course: 220 FT Long x 26 FT Wide x 0.5 FT Thick / 27 = 106 CY x 1.6 = 170 Ton 10d) Replace and compact Bituminous Concrete Road Surface: 220 FT Long x 20 FT Wide = 1,222 SY @ 2.5 IN Thick (67 Ton) Site 11. County Road 56 GPS 42.29348, -74.13643 11) Reclaim and compact Unclassified Gravel shoulder: 375 FT Long x 25 FT Wide x 1.21 FT Thick / 27 = 420 CY Site 12. County Road 56 GPS 42.29348, -74.13872 12a) Replace and install 18 IN CMP: 40 LF 12b) Replace and install 48 IN CMP: 40 LF 12c) Replace and compact Item 4 Aggregate Base Course: 55 FT Long x 26 FT Wide x 0.5 FT Thick / 27 = 26 CY x 1.6 = 42 Ton 12d) Replace and compact Bituminous Concrete Road Surface: 55 FT Long x 20 FT Wide = 306 SY @ 2.5 IN Thick (17 Ton) Site 13 County Road 56 GPS 42.27504, -74.18774 13a) Ditch cleaning and shaping: 125 LF 13b) Replace and compact Item 4 Aggregate Base Course: 110 FT Long x 26 FT Wide x 0.5 FT Thick / 27 = 53 CY x 1.6 = 85 Ton 13c) Replace and compact Bituminous Concrete Road Surface: 110 FT Long x 20 FT Wide = 611 SY @ 2.5 IN Thick (34 Ton)

Location Description:

Numerous Locations on County Road 40 & 56

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources



Grantee Activity Number:	477DR3CO-12
Activity Title:	Undermined and Scoured Bridge Abutment

Activity Category:

Construction/reconstruction of streets

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Greene County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$5,581.79
Total Budget	\$0.00	\$5,581.79
Total Obligated	\$0.00	\$5,581.79
Total Funds Drawdown	\$0.00	\$5,581.79
Program Funds Drawdown	\$0.00	\$5,581.79
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$5,581.79
Greene County	\$0.00	\$5,581.79
Most Impacted and Distressed Expended	\$0.00	\$5,581.79
Match Contributed	\$0.00	\$0.00

Activity Description:

Creighton Manning Engineering is Greene County's general engineering consultant (Resolution #434-11) and provided engineering services for this project.

Sun Set Bridge BIN #3201100 GPS 42.19276, -74.09556

1) Apply Shotcrete to left abutment, scour apron, and wingwall: approximately 12 FT Long x 2 FT High x 3.8 FT Deep / 27 = 3.4 CY

2) Apply Shotcrete to right abutment and wingwall: approximately 10 FT Long x 2 FT High x 1.3 FT Deep / 27 = 1 CY
Town & Country Bridge and Rail is approved through Resolution #185-11 Material Bid Supplier for maintenance, construction, and reconstruction of County roads and bridges and an estimate for the repairs from Town & Country is attached.

Location Description:

Approximately 600 FT South of the intersection of Sun Set Road and State Route 23A

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	477DR3CP-12
Activity Title:	County Route 23C

Activity Category:

Construction/reconstruction of streets

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Greene County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$29,776.76
Total Budget	\$0.00	\$29,776.76
Total Obligated	\$0.00	\$29,776.76
Total Funds Drawdown	\$0.00	\$29,776.76
Program Funds Drawdown	\$0.00	\$29,776.76
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$29,776.76
Greene County	\$0.00	\$29,776.76
Most Impacted and Distressed Expended	\$0.00	\$29,776.76
Match Contributed	\$0.00	\$0.00

Activity Description:

County Route 23C

The Applicant used 1034 hours of force account labor, 947 hours of force account equipment time and approximately 1,135 tons of force account material and contractors (Fastracs, KCK Paving, Town Of Cocksackie, Town Of Windham) to replace the eroded ditches, road shoulders, road base, asphalt pavement and a 20ft X 15in dia. corrugated metal pipe culvert at multiple locations along the 0.9 mile section of County Route 23C. The Applicant has submitted invoices, contracts and labor sheets for this project and the Project Specialist has reviewed the documentation and found the costs reasonable.

Location Description:

County Route 23C

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	477DR3CQ-12
Activity Title:	County Road 6

Activity Category:

Construction/reconstruction of streets

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Greene County

Overall
Total Projected Budget from All Sources
Oct 1 thru Dec 31, 2019

N/A

To Date

\$4,642.12

Total Budget

\$0.00

\$4,642.12

Total Obligated

\$0.00

\$4,642.12

Total Funds Drawdown

\$0.00

\$4,642.12

Program Funds Drawdown

\$0.00

\$4,642.12

Program Income Drawdown

\$0.00

\$0.00

Program Income Received

\$0.00

\$0.00

Total Funds Expended

\$0.00

\$4,642.12

Greene County

\$0.00

\$4,642.12

Most Impacted and Distressed Expended

\$0.00

\$4,642.12

Match Contributed

\$0.00

\$0.00

Activity Description:

County Road 6

The Applicant issued an emergency contract to Wm. J. Keller & Sons and used 12 hours of force account labor, 12 hours of force account equipment and force account material to complete the following work. One truck load approximately 8CY of vegetative debris incidental to the road repair was taken to the State run chip site in Hensonville (42.29430, -74.21292) The Project Specialist has reviewed the documentation that was submitted and found the costs reasonable.

1. Replace the rip rap along the creek adjacent to County Road 6 measuring approximately 60ft x 3ft x 8ft.
2. Replace the road shoulder measuring approximately 50ft x 3ft x 6ft.
3. Replace the road base across the road measuring approximately 20ft x 18ft x 2ft.

Location Description:

County Road 6

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	477DR3CR-12
Activity Title:	Slope Failure - Adjacent to BIN 3303040

Activity Category:

Construction/reconstruction of streets

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Greene County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$3,138.56
Total Budget	\$0.00	\$3,138.56
Total Obligated	\$0.00	\$3,138.56
Total Funds Drawdown	\$0.00	\$3,138.56
Program Funds Drawdown	\$0.00	\$3,138.56
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$3,138.56
Greene County	\$0.00	\$3,138.56
Most Impacted and Distressed Expended	\$0.00	\$3,138.56
Match Contributed	\$0.00	\$0.00

Activity Description:

CR-18

The Applicant used FA labor and equipment to make repairs to the embankment erosion along CR-18 during the period 4-30- through 5-3-12 by placing 215.86 TN of rip rap (referred to as medium stone fill (MSF) on vendor invoices) on the subsided slope portion. Project costs included: FA labor = 112.5 HRs, at a cost of \$4,147.69; FA equipment = 88.5 HRs, at a cost of \$2,943.00; rental equipment (hydraulic excavator) = 1 week, at a cost of \$1,338.75; and materials = 215.86 TN of MSF, at cost of \$3,647.50.

The damaged bridge was further inspected/evaluated by the Applicant's engineering consultant, Creighton Manning Engineering (CME), at a cost of \$563.50. No engineering report was provided by the Applicant.

The Applicant obtained General Permit No. GP-0-11-008, authorization types: Article 15, Title 5, "Protection of Water," and "Water Quality Certification" from the New York State Department of Environmental Conservation (NYSDEC) for the period 4-17-12 through 9-30-12 to perform slope repair activities.

Location Description:

CR-18 Slope Failure - Adjacent to BIN 3303040

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	477DR3CS-12
Activity Title:	CR-31 Culvert, Shoulder, Guardrail

Activity Category:

Construction/reconstruction of streets

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Greene County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$926.65
Total Budget	\$0.00	\$926.65
Total Obligated	\$0.00	\$926.65
Total Funds Drawdown	\$0.00	\$926.65
Program Funds Drawdown	\$0.00	\$926.65
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$926.65
Greene County	\$0.00	\$926.65
Most Impacted and Distressed Expended	\$0.00	\$926.65
Match Contributed	\$0.00	\$0.00

Activity Description:

CR-31

The applicant utilized 41.5 hours of Force Account Labor and 41.5 of Fore Account equipment and repaired the damage of a box culvert at 42.27552, -74.04175 on CR31 scoured are above and around the down stream and approximately 34LF x 25LF x 6LF = 5100CF/ 27+ 190 CY with 190 CY of borrow stream gravel fill.

Location Description:

CR-31

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	477DR3CT-12
Activity Title:	CR67 Road Shoulder

Activity Category:

Construction/reconstruction of streets

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Greene County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$2,105.71
Total Budget	\$0.00	\$2,105.71
Total Obligated	\$0.00	\$2,105.71
Total Funds Drawdown	\$0.00	\$2,105.71
Program Funds Drawdown	\$0.00	\$2,105.71
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$2,105.71
Greene County	\$0.00	\$2,105.71
Most Impacted and Distressed Expended	\$0.00	\$2,105.71
Match Contributed	\$0.00	\$0.00

Activity Description:

CR67 South Cairo

The applicant utilizing force labor and equipment and normal purchasing procurement repaired the shoulder damage that occurred immediately North of the South Cairo Bridge over the Catskill Creek on the East side of CR67. Beginning at approximately 42.27939 -73.95660 the East shoulder was filled and graded for an area of approximately 315LF x 4LF x 5LFT = 6300CF / 27 = 233.33CY with approximately 327.23 Tons of scalping.

Location Description:

CR67 Road Shoulder

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	477DR3CU-12
Activity Title:	Shoulders/Ditches along CR-18

Activity Category:

Construction/reconstruction of streets

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Greene County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$1,541.76
Total Budget	\$0.00	\$1,541.76
Total Obligated	\$0.00	\$1,541.76
Total Funds Drawdown	\$0.00	\$1,541.76
Program Funds Drawdown	\$0.00	\$1,541.76
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$1,541.76
Greene County	\$0.00	\$1,541.76
Most Impacted and Distressed Expended	\$0.00	\$1,541.76
Match Contributed	\$0.00	\$0.00

Activity Description:

Shoulders/Ditches along CR-18 at East Intersection with Osborne Road

The Applicant used FA labor and equipment to make repairs to damaged portions of shoulders and ditches along CR-18. The 150 LF of eroded ditch along the north side of CR-18 were lined with 8-IN (average) of slope material (graded 4-IN to 6-IN in size). The quantity of slope material used = (150 FT long X 6 FT (ditch profile) high X 0.67 FT thick = 603 CF / 27 CF/CY = 22.3 CY X 1.5 TN/CY =) 33.5 TN. On the south-side of CR-18, significant erosion required (70 FT long X 6 FT wide X 3 FT deep = 1,260 CF / 27 CF/CY = 46.7 CY X 1.5 TN/CY =) 70 TN of crusher run (Item 4). Work was performed on 9-15-11 and 9-16-11. Project costs included: FA labor = 61 HRs, at a cost of \$2,025.59; FA equipment = 61 HRs, at a cost of \$2,375.00; materials = 34.09 TN of slope material and 69.01 TN of Item 4, at a cost of \$1,427.39.

Location Description:

Shoulders/Ditches along CR-18 at Intersection with Osborne Road

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	477DR3CV-12
Activity Title:	CR-3 Paving

Activity Category:

Construction/reconstruction of streets

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Greene County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$5,933.38
Total Budget	\$0.00	\$5,933.38
Total Obligated	\$0.00	\$5,933.38
Total Funds Drawdown	\$0.00	\$5,933.38
Program Funds Drawdown	\$0.00	\$5,933.38
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$5,933.38
Greene County	\$0.00	\$5,933.38
Most Impacted and Distressed Expended	\$0.00	\$5,933.38
Match Contributed	\$0.00	\$0.00

Activity Description:

Intersection of CR-2 and CR-3, extending 900 FT southwestward on CR-3.

The Applicant used a pre-qualified paving contractor to pave the 900-FT section of CR-3 on 11-9-11 and 11-10-11 with a 2.5-IN thick top-coat of Type 6 asphalt topping mix. The Applicant supplied 198.25 TN of Type 6 mix. To assist the paving contractor, the Applicant supplied FA labor and equipment as well as trucks and drivers from nearby towns to haul and apply the asphalt mix.

Dimensions/quantity of asphalt required: 900 FT long X 18 FT wide X 0.21 FT thick (2.5 IN) = 3,402 CF / 27 CF/CY = 126 CY; 126 CY X 1.5 TN/CY = 189 TN + 9.25 TN for feathering front and rear edges, and overage (probably placed on nearby shoulders/embankments).

Project costs included: FA labor = 33.5 HRs (includes regular and overtime), at a cost of \$1,223.09; FA equipment = 38.5 HRs, at a cost of \$1,430.00; materials = 198.25 TN of Type 6 asphalt topping mix, at a cost of \$14,085.66; and contract costs of \$6,655.71.

(NOTE 2: FA equipment HRs exceeded FA labor HRs because a dump truck and equipment trailer were used, in tandem by 1 employee, to haul county-supplied paving equipment to and from the site. One employee is credited with 2 pieces of equipment each way.)

Location Description:

CR-3

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	477DR3CX-12
Activity Title:	County Road 14

Activity Category:

Construction/reconstruction of streets

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Greene County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$1,720.90
Total Budget	\$0.00	\$1,720.90
Total Obligated	\$0.00	\$1,720.90
Total Funds Drawdown	\$0.00	\$1,720.90
Program Funds Drawdown	\$0.00	\$1,720.90
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$1,720.90
Greene County	\$0.00	\$1,720.90
Most Impacted and Distressed Expended	\$0.00	\$1,720.90
Match Contributed	\$0.00	\$0.00

Activity Description:

3 Sites on County Road 14

The applicant used 36 hours of force account regular time labor, 2 hours of force account overtime, 45 hours of equipment, and materials (Slope Stone, Item 4, & Type 6 Topping). KCK Paving was contracted for the paving.

Site 1. County Road 14 GPS 42.27174, -74.28223

1) Replace and compact Item 4 shoulder gravel: 95 FT Long x 5 FT Wide x 0.38 FT Thick / 27 = 6.7 CY x 1.6 = 10.7 Ton

Site 2. County Road 14 GPS 42.26594, -74.26544

2) Replace and compact Slope Stone ditch lining: 80 FT Long x 8 FT Wide x 0.46 FT Thick / 27 = 10.9 CY x 1.6 = 17.4 Ton

Site 3. County Road 14 GPS 42.26702, -74.25447

3) Replace and compact Bituminous Concrete road surface: 65 FT Long x 20 FT Wide / 9 = 144 SY = 19.9 Ton (2.5 IN Thick)

Any gravel cleaned from the road culverts was used in the repair of the road. Any woody debris incidental to the culvert repair was hauled to the chip site in Hensonville (42.29440, -74.21252) and chipped for mulch.

Location Description:

3 Sites on County Road 14

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources	Amount
No Other Funding Sources Found	
Total Other Funding Sources	



Grantee Activity Number:	477DR3CY-12
Activity Title:	Stony cove Creek Stream Bank

Activity Category:

Construction/reconstruction of streets

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Greene County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$2,796.22
Total Budget	\$0.00	\$2,796.22
Total Obligated	\$0.00	\$2,796.22
Total Funds Drawdown	\$0.00	\$2,796.22
Program Funds Drawdown	\$0.00	\$2,796.22
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$2,796.22
Greene County	\$0.00	\$2,796.22
Most Impacted and Distressed Expended	\$0.00	\$2,796.22
Match Contributed	\$0.00	\$0.00

Activity Description:

The applicant will use force labor and equipment and will purchase materials using the normal procurement process to repair the Stony Cove Creek erosion of the approach ramp and the stream bank made up of large rough cut stones covering structural stone fill to beginning at the northern side of the down stream wing wall of Jansen Road bridge BIN 3201060 and extending to area of approximately 39LF x 16LF x 9LF = 5616CF / 27 = 208CY by filling an area of 39LF x 16LF x 6LF = 3774CF / 27 = 138.66CY with approximately 138.66CY of structural fill (FEMA Cost Code 3310) @ \$25.00CY and covering that area with an area of 39LF x 16LF x 3LF = 1872CF / 27 = 69.33CY with 97TN of Stackable Rip Rap @ \$20.00TN (Cobleskill Stone Products) completely filling the eroded area of 39LF x 16LF x 9LF = 5616CF / 27 = 208CY.

The project is estimated based on the following:

Materials:

Structural Backfill 138.66CY @ \$25.00 CY = \$3,466.50 FEMA Cost Code 3310
Rip Rap 97.00 Tons @ \$20.00Ton = \$1,940.00 Cobleskill Stone Products
Total \$5,406.50

Force Account Labor:

HME0 2 @ \$34.41HR x 16HR = \$1,101.12
Operator 1 @ \$34.48HR x 16HR = \$ 551.68
Laborer 1 @ \$23.10HR x 16HR = \$ 369.60
Total \$2,022.40

Force Account Equipment:

DUMP 2 @ \$60.00HR x 16HR = \$1,920.00
Backhoe 1 @ \$38.00HR x 16HR = \$ 608.00
Pick Up 1 @ \$20.00HR x 16HR = \$ 320.00



Total \$2,848.00
Materials, Labor, & Equipment Total = \$10,276.90

Location Description:

Jansen Road at BIN 3201060.

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	477DR3CZ-12
Activity Title:	Bridge Abutment & Approach Road

Activity Category:

Construction/reconstruction of streets

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Greene County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$1,699.98
Total Budget	\$0.00	\$1,699.98
Total Obligated	\$0.00	\$1,699.98
Total Funds Drawdown	\$0.00	\$1,699.98
Program Funds Drawdown	\$0.00	\$1,699.98
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$1,699.98
Greene County	\$0.00	\$1,699.98
Most Impacted and Distressed Expended	\$0.00	\$1,699.98
Match Contributed	\$0.00	\$0.00

Activity Description:

Diamond Notch Road

The applicant, utilizing force labor and force equipment and following normal procurement procedures, will repair the damage to the bridge abutment base, approach road embankment, and approach road pavement as follows:

Note: DUNS Number required before PW obligation.

1. West end of the Mortared Stone base of the Southern abutment

a. Divert the stream flow from the abutment by constructing a temporary dam with sand bags 3LF x 1LF x 30LF = 90CF / 27 = 3.33CY @ \$31.00CY (FEMA Cost Code 2045) = \$103.23

b. Dewater the area behind the coffer dam using a 3" Pump 24HR/day for 3 days = 72HR @ \$1.00HR (FEMA Cost Code 2090) = \$72.00

c. Fill the scoured area of 1CY with 1CY of Grouted Rip Rap @ \$156CY (FEMA cost code 4080) = \$156.00

2. Repair the West side of the Southern, or entrance, approach road embankment made up of large natural stones covering structural stone fill is scoured for an area approximately 6LF x 8LF x 16LF = 768CF / 27 = 28.44CY undermining and eroding the pavement cap for an approximate area of 6LF x 8LF = 48SF:

a. Remove 16LF of Guide rail @ 15.00 LF (FEMA Cost Code 3411) = \$240.00

b. Saw cut the pavement for an area of 6LF + 8LF + 6LF = 20LF @ \$1.50LF (FEMA COST CODE 3151) = \$30.00

c. Fill an area approximately 6LF x 7LF x 16LF = 672CF / 27 = 24.89CY with 24.89CY of structural backfill @ \$25.00CY (FEMA Cost Code 3310) = \$622.25

d. Cover that area with an area of 6LF x 1LF x 16LF = 96CF / 27 3.55CY with 3.55CY of Rip Rap @ \$60CY (FEMA Cost Code 3250) = \$213.00

e. Pave an area of 6LF x 8LF = 48SF / 9 = 5.33SY to a depth of 3IN with Bituminous Concrete Overlay @ \$3.50SY/IN (FEMA Cost code 3110) = \$55.97

f. Install 16LF of Guide rail @ \$18.00LF FEMA Cost Code 3293) = \$288.00

FORCE ACCOUNT LABOR:

HMEO 1 @ \$34.41HR x 24HR = \$ 825.84

Operator 1 @ \$34.48HR x 8HR = \$ 275.84

Laborer 2 @ \$23.10HR x 24HR = \$1,108.80

Total \$2,210.48

FORCE ACCOUNT EQUIPMENT:

DUMP 1 @ \$60.00HR x 24HR = \$1,440.00

Backhoe 1 @ \$38.00HR x 8HR = \$ 304.00

Pick Up 1 @ \$20.00HR x 24HR = \$ 480.00

Total \$2,224.00

FEMA COST CODE ELEMENTS:

2045 Sand Bags \$103.23

2090 Pump 72.00

4080 Grouted Rip Rap 156.00

3411 Remove Guide Rail 240.00

3151 Saw Cut 30.00

3310 Structural Fill 622.25

3250 Slope Protection Rip Rap 213.00

3110 Bituminous CC Overlay 55.97

3293 Install Guide Rail 288.00

Total \$1780.45

MATERIALS, LABOR, FEMA COST CODE ELEMENTS, & EQUIPMENT TOTAL = \$6,214.93

Location Description:

Diamond Notch Road

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	477DR3DA-12
Activity Title:	CR-57

Activity Category:

Construction/reconstruction of streets

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Greene County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$1,565.59
Total Budget	\$0.00	\$1,565.59
Total Obligated	\$0.00	\$1,565.59
Total Funds Drawdown	\$0.00	\$1,565.59
Program Funds Drawdown	\$0.00	\$1,565.59
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$1,565.59
Greene County	\$0.00	\$1,565.59
Most Impacted and Distressed Expended	\$0.00	\$1,565.59
Match Contributed	\$0.00	\$0.00

Activity Description:

CR-57 over culvert

The applicant, utilizing force labor and force equipment and following normal procurement procedures, will repair the damage to the bridge abutment base, approach road embankment, and approach road pavement as follows:

Note: DUNS Number required before PW obligation.

1. West end of the Mortared Stone base of the Southern abutment

a. Divert the stream flow from the abutment by constructing a temporary dam with sand bags 3LF x 1LF x 30LF = 90CF / 27 = 3.33CY @ \$31.00CY (FEMA Cost Code 2045) = \$103.23

b. Dewater the area behind the coffer dam using a 3" Pump 24HR/day for 3 days = 72HR @ \$1.00HR (FEMA Cost Code 2090) = \$72.00

c. Fill the scoured area of 1CY with 1CY of Grouted Rip Rap @ \$156CY (FEMA cost code 4080) = \$156.00

2. Repair the West side of the Southern, or entrance, approach road embankment made up of large natural stones covering structural stone fill is scoured for an area approximately 6LF x 8LF x 16LF = 768CF / 27 = 28.44CY undermining and eroding the pavement cap for an approximate area of 6LF x 8LF = 48SF:

a. Remove 16LF of Guide rail @ 15.00 LF (FEMA Cost Code 3411) = \$240.00

b. Saw cut the pavement for an area of 6LF + 8LF + 6LF = 20LF @ \$1.50LF (FEMA COST CODE 3151) = \$30.00

c. Fill an area approximately 6LF x 7LF x 16LF = 672CF / 27 = 24.89CY with 24.89CY of structural backfill @ \$25.00CY (FEMA Cost Code 3310) = \$622.25

d. Cover that area with an area of 6LF x 1LF x 16LF = 96CF / 27 3.55CY with 3.55CY of Rip Rap @ \$60CY (FEMA Cost Code 3250) = \$213.00

e. Pave an area of 6LF x 8LF = 48SF / 9 = 5.33SY to a depth of 3IN with Bituminous Concrete Overlay @ \$3.50SY/IN (FEMA Cost code 3110) = \$55.97

f. Install 16LF of Guide rail @ \$18.00LF FEMA Cost Code 3293) = \$288.00

FORCE ACCOUNT LABOR:

HMEO 1 @ \$34.41HR x 24HR = \$ 825.84

Operator 1 @ \$34.48HR x 8HR = \$ 275.84

Laborer 2 @ \$23.10HR x 24HR = \$1,108.80

Total \$2,210.48

FORCE ACCOUNT EQUIPMENT:

DUMP 1 @ \$60.00HR x 24HR = \$1,440.00

Backhoe 1 @ \$38.00HR x 8HR = \$ 304.00

Pick Up 1 @ \$20.00HR x 24HR = \$ 480.00

Total \$2,224.00

FEMA COST CODE ELEMENTS:

2045 Sand Bags \$103.23

2090 Pump 72.00

4080 Grouted Rip Rap 156.00

3411 Remove Guide Rail 240.00

3151 Saw Cut 30.00

3310 Structural Fill 622.25

3250 Slope Protection Rip Rap 213.00

3110 Bituminous CC Overlay 55.97

3293 Install Guide Rail 288.00

Total \$1780.45

MATERIALS, LABOR, FEMA COST CODE ELEMENTS, & EQUIPMENT TOTAL = \$6,214.93

Location Description:

CR-57 over culvert

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	477DR3DB-12
Activity Title:	Road Shoulders and Ditches

Activity Category:

Construction/reconstruction of streets

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Greene County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$2,941.68
Total Budget	\$0.00	\$2,941.68
Total Obligated	\$0.00	\$2,941.68
Total Funds Drawdown	\$0.00	\$2,941.68
Program Funds Drawdown	\$0.00	\$2,941.68
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$2,941.68
Greene County	\$0.00	\$2,941.68
Most Impacted and Distressed Expended	\$0.00	\$2,941.68
Match Contributed	\$0.00	\$0.00

Activity Description:

CR 32C- Town of Ashland

To repair road shoulders and ditches, applicant used 147 Hours of Force Account Regular time Labor, 147 Hours of Equipment, and materials to perform repairs to CR 32C in the Town of Ashland:

a) Replaced (727 ft L X 4 ft W X 2 ft D) = 216'CY of gravel road shoulders and ditches with (727 ft L X 4ft W X 2ftD = 216CY) = 280.8(conv/1.3) tons of bank run gravel.

b) Replaced (134 ft L X 4 ft W X 1 ft D) = 19.8 CY of aggregate material from along the road shoulders with (134 ft L X 4 ft W X 1 ft D = 19.8 CY) = 29.77 (conv.1.5)tons of aggregate surface course (Item #4).

Location Description:

CR 32C- Town of Ashland

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	477DR3DC-12
Activity Title:	CR-1, South of Silas Lake Road

Activity Category:

Construction/reconstruction of streets

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Greene County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$10,795.15
Total Budget	\$0.00	\$10,795.15
Total Obligated	\$0.00	\$10,795.15
Total Funds Drawdown	\$0.00	\$10,795.15
Program Funds Drawdown	\$0.00	\$10,795.15
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$10,795.15
Greene County	\$0.00	\$10,795.15
Most Impacted and Distressed Expended	\$0.00	\$10,795.15
Match Contributed	\$0.00	\$0.00

Activity Description:

CR-1, South of Silas Lake Road

The Applicant used 2 area contractors to repair damages along the affected section of CR-1:

8-30-11 – 9-15-11: Garfield Mountain Excavating, Inc. restored 4 washed-out sections of embankment and roadway along CR-1: northeast lane/shoulder - (A) 40-FT long X 4-FT wide X 3-FT thick = 480 CF / 27 CF/CY = 17.8 CY; (B) 20-FT long X 8-FT wide X 4-FT deep = 640 CF / 23.7 CY driveway turn-in; and southwest embankment – (C) 30-FT long X 6-FT high X 2-FT thick = 360 CF / 27 CF/CY = 13.3 CY; and (D) 25-FT long X 6-FT high X 2-FT thick = 300 CF / 27 CF/CY = 11.1 CY. All required fill materials used were supplied from reshaping/ditch clean-out operations. (See NOTE 1 – no quantities of excavated materials were supplied by the Applicant.)

12-7-11: KCK Paving, LLC, paved a total of 1,025 LF of scoured sections of road surface. D/Q = 1,025 FT long X 10 FT wide X 0.25 FT thick = 2,562.5 CF / 27 CF/CY = 94.9 CY X 1.35 TN/CY = 128.1 TN.

Total contractor costs = \$31,650.48 (Garfield =\$29,015.04 +KCK Paving = \$2,635.44). Material costs = \$8,447.93 for 128.31 TN of Type 6F asphalt topping.

The Applicant supplied FA labor and equipment to assist the paving contractor on 12-7-11. Labor = 52.5 HRs (51.5 RT and 1 HR OT) for a cost of \$1,829.70; and equipment = 37.5 HRs, for a cost of \$1,006.00.

Location Description:

CR-1, South of Silas Lake Road

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources	Amount
No Other Funding Sources Found	
Total Other Funding Sources	



Grantee Activity Number:	477DR3DD-12
Activity Title:	CR-23C - road surface and culvert scouring

Activity Category:

Construction/reconstruction of streets

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Greene County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$1,432.13
Total Budget	\$0.00	\$1,432.13
Total Obligated	\$0.00	\$1,432.13
Total Funds Drawdown	\$0.00	\$1,432.13
Program Funds Drawdown	\$0.00	\$1,432.13
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$1,432.13
Greene County	\$0.00	\$1,432.13
Most Impacted and Distressed Expended	\$0.00	\$1,432.13
Match Contributed	\$0.00	\$0.00

Activity Description:

CR-23C, west of Boy Scout Road.

9-6-11: The Applicant used FA labor to haul and place Item 4 (crushed stone) around and over the exposed pipe along the south side of CR-23C (D/Q = 12-FT long X 6-FT wide X 5-FT deep = 360 CF / 27 CF/CY = 13.3 CY). In addition, a 2-IN thick layer (average) of Item 4 was spread over a 25-FT long X 18-FT wide X 0.17-FT thick = 76.5 CF / 27 CF/CY = 2.8 CY section of roadway overlying the culvert. FA labor = 12 HRs, for a cost of \$402.93; equipment = 12 HRs, for a cost of \$512.00. Material cost = 24.43 TN (divided by 1.5 TN/CY = 16.3 CY) of Item 4 X \$15.25/TN = \$372.56.

11-3-11 and 11-4-11: The Applicant authorized KCK, LLC, to pave a 75-FT long X 18-FT wide X 0.5-FT thick (2 – 3-IN layers applied on consecutive days) = 675 CF / 27 CF/CY = 25 CY section of damaged asphalt pavement. Cost of material = 25 CY X 1.35 TN/CY = 33.75 TN X \$71.05/TN = \$2,371.65. Paving contractor costs = \$771.11. The Applicant contracted with the towns of Windham and Cocksackie to haul asphalt topping from the batch plant to the CR-23C paving site. The towns billed a total of 4 HRs labor and equipment, for a cost of \$314.12. The Applicant assigned FA labor and equipment to assist with paving. FA labor = 9 HRs RT and 4.5 HRs OT, for a cost of \$524.61; equipment = 9 HRs, for a cost of \$288.00.

Location Description:

CR-23C - road surface and culvert scouring

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	477DR3DE-12
Activity Title:	Shoulder/Ditch Erosion - CR-2 and CR-3

Activity Category:

Construction/reconstruction of streets

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Greene County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$9,039.34
Total Budget	\$0.00	\$9,039.34
Total Obligated	\$0.00	\$9,039.34
Total Funds Drawdown	\$0.00	\$9,039.34
Program Funds Drawdown	\$0.00	\$9,039.34
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$9,039.34
Greene County	\$0.00	\$9,039.34
Most Impacted and Distressed Expended	\$0.00	\$9,039.34
Match Contributed	\$0.00	\$0.00

Activity Description:

Various locations - CR-2 and CR-3, Prattsville, NY

The Applicant used FA labor and equipment to make repairs to the various sites along CR-2 and CR-3.

SITE 1 – (9-2-11 – date repaired) – (1) Graded intersection of CR-2/CR-3 (dimensions/quantity = 30-FT long X 20-FT wide (including shoulders) X 0.5-FT thick = 300 CF / 27 CF/CY = 11.1 CY); (2) filled behind headwall/tail-wall, around 6-FT diameter culvert west of CR-3, on CR-2, downstream embankment (D/Q = 25-FT long X 8-FT high X 1.5-FT thick = 300 CF / 27 CF/CY = 11.1 CY; stacked stone wing-wall 8-FT long X 6-FT high X 2.5-FT thick = 120 CF / 27 CF/CY = 4.4 CY). Labor = 0 HRs – RT; 42.25 HRs – OT; equipment = 42.25 HRs; materials = crusher run (CR) – 17.2 TN (11.5 CY), cost = \$125.56; light stone fill (LSF) – 16.89 TN (11.3 CY), cost = \$185.79; stackable rip rap – 6.41 TN (4.3 CY), cost = \$128.20.

SITE 2 – (8-31-11 – date repaired) – Placed CR on roadway and widened locations where roadway was washed-out (under water), and restored grade – various locations (CR-2 – between Falke Road and Beechridge N Road - 0.67-MI long section) – (D/Q of road repairs = 450-FT long X 16-FT wide X 0.33-FT thick = 2,376 CF / 27 CF/CY = 88 CY). Labor = 70 HRs – RT; 3.5 HRs – OT; equipment = 73.5 HRs; materials = CR – 130.24 TN (88 CY), cost = \$950.75.

SITE 3 – (9-1-11 – date repaired) – (CR-2 – between Falke Road and Beechridge N Road; CR-2/CR-3 intersection, east of Don Irwin Road). Removed rock debris from road surface, and cleaned-out creek channel – (D/Q = 200-FT long X 4-FT wide X 1.5 FT deep = 1,200 CF / 27 CF/CY = 44.4 CY). Labor = 51 HRs – RT; 6.5 HRs – OT; equipment = 57.5 HRs; materials = None.

SITE 4A – (8-30-11 – date repaired) – (CR-3 and CR-2 intersection, culvert near intersection): (1) removed washed-out asphalt topping and filled with creek rock and CR. (D/Q = 20-FT long X 12-FT wide X 2-FT thick = 18 (17.8) CY); (2) northwest shoulder, next to creek, between CR-2 and Truesdell Road; repaired with creek gravel – (D/Q = 100-FT long X 3-FT wide X 1-FT = 300 CF / 27 CF/CY = 11.1 CY); creek gravel used to repair damaged shoulders. Labor = 23.75 HRs – RT; 12 HRs – OT; equipment – 35.75 HRs; material – None.



SITE 4B – (9-3-11 – date repaired) – Repaired eroded embankment and shoulder along CR-3, between CR-3 and Truesdell Road – (D/Q: slope = 32-FT long X 8-FT high X 2-FT thick = 528 CF / 27 CF/CY = 19.5 CY; shoulder = 50-FT long X 7-FT wide X 0.5-FT thick = 175 CF / 27 CF/CY = 6.5 CY.) Labor = 0 HRs – RT; 12 HRs – OT; equipment = 12 HRs; material = CR – 10.31T (6.9 CY), cost = \$75.26; LSF – 29.02T (19.4 CY), cost = \$319.22.

SITE 5 – (9-8-11 – date repaired) – Repaired headwall and shoulders at 6-FT diameter double steel plate pipes. D/Q = 25-FT long X 3-FT wide X 2-FT deep = 150 CF / 27 CF/CY = 5.6 CY; additional erosion – 20-FT long X 6-FT –high X 1.5 FT thick = 6.7 CY. Labor = 43 HRs – RT; 0 HRs – OT; equipment = 35 HRs; materials = LSF – 8.82 TN (5.9 CY), cost = \$97.02; MSF – 9.98 TN (6.7 CY), cost = \$114.77.

SITE 6 – (9-9-11 – date repaired) – Repaired shoulder and headwall near 1228 CR-2, Prattsville. D/Q: (1) upstream – right shoulder = 8-FT long X 4-FT high X 4-FT thick = 128 CF / 27 CF/CY = 4.7 CY; (2) downstream – left embankment = 30-FT long X 8-FT high X 2-FT thick = 480 CF / 27 CF/CY = 17.7 CY; (3) downstream - right embankment = 10-FT long X 6-FT high X 4-FT thick = 240 CF / 27 CF/CY = 8.9 CY). Labor = 35 HRs – RT; 0 HRs – OT; equipment – 35 HRs; materials = CR – 9.71 TN (6.5 CY), cost = 70.88; MSF – 36.64 TN/24.4 CY, cost = \$421.36. The estimated 31.3 CY eroded volume was filled with a combination of CR and MSF.

SITE 7 – (9-13-11 – date repaired) – Repaired shoulder washouts along CR-2, from Falke Road to 23A (overall length = 0.80 miles/4,224 FT) – total shoulder length repaired = (D/Q = 840-FT long X 4-FT wide X 0.5-FT thick (various locations) = 1,680 CF / 27 CF/CY = 62.2 CY. Labor = 28 HRs – RT; 0 HRs – OT; equipment – 28 HRs; materials = CR – 62.01 TN, cost = \$452.67.

SITE 8 – (9-14-11 and 9-15-11 – dates repaired) – Drained and filled-in sinkhole water hole in roadway at 321 CR-2 – (D/Q = 42-FT long X 20-FT wide X 2-FT deep = 1,680 CF / 27 CF/CY = 62.2 CY). Labor = 56 HRs – RT; 0 HRs – OT; equipment = 56 HRs; materials – CR – 75.22 TN (50.2 CY), cost = \$549.10; No. 3 stone – 16.77 TN (11.2 CY), cost = \$150.93.

Location Description:

Shoulder/Ditch Erosion - CR-2 and CR-3

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	477DR3DH-12
Activity Title:	Road Shoulder and Embankment Washout

Activity Category:

Construction/reconstruction of streets

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:

Responsible Organization:

Greene County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$64,076.63
Total Budget	\$0.00	\$64,076.63
Total Obligated	\$0.00	\$64,076.63
Total Funds Drawdown	\$0.00	\$64,076.63
Program Funds Drawdown	\$0.00	\$64,076.63
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$64,076.63
Greene County	\$0.00	\$64,076.63
Most Impacted and Distressed Expended	\$0.00	\$64,076.63
Match Contributed	\$0.00	\$0.00

Activity Description:

Road Shoulder and Embankment Washout

Location Description:

CR-17 Road Shoulder and Embankment Washout

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	477DR3DJ-12
Activity Title:	CR-3 - CR-3 - between Mead and Hubbard Roads

Activity Category:

Construction/reconstruction of streets

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Greene County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$8,246.04
Total Budget	\$0.00	\$8,246.04
Total Obligated	\$0.00	\$8,246.04
Total Funds Drawdown	\$0.00	\$8,246.04
Program Funds Drawdown	\$0.00	\$8,246.04
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$8,246.04
Greene County	\$0.00	\$8,246.04
Most Impacted and Distressed Expended	\$0.00	\$8,246.04
Match Contributed	\$0.00	\$0.00

Activity Description:

CR-3, near intersection with Mead Road (1312 CR-3, Fleischmanns, NY - approximate).

The Applicant used 2 contractors, Enck Excavating (Enck) and Garfield Mountain Excavating, Inc. (Garfield), to repair/rebuild damaged retaining walls and shoulders along CR-3. Both contractors began work on 9-2-11, working on various sections of the damaged retaining walls.

Enck repaired the bulk of the embankment between 9-2 and 9-6-11, at a total cost of \$13,630.00. Enck also furnished 490 TN of large stackable rock for an invoice total of \$8,820.00. D/Q of missing rock: Section 1 = 175 FT long X 7 FT high X 2-FT thick = 2,450 CF / 27 CF/CY = 90.7 CY X 1.5 TN/CY = 136.1 TN; and Section 2 = 250 FT long X 7 FT high X 3.5-FT thick = 6,125 CF / 27 CF/CY = 227 (226.9) CY X 1.5 TN/CY = 340.5 TN. (Estimated missing rock total = 136.1 TN + 340.5 TN = 476.6 TN.) Garfield worked intermittently between 9-2- and 9-23-11 removing/retrieving large and small rock from the creek channel; repairing additional portions of retaining walls; and repairing the section of eroded shoulder near Ursum Way along CR-3 with recovered creek rock material (15 FT long X 3-FT wide X 2-FT thick = 90 CF / 27 CF/CY = 3.3 X 1.5 TN/CY = 5 TN). Garfield's contract total = \$10,425.31.

The Applicant obtained General Permit GP-0-11-007 from NY State Department of Environmental Conservation (DEC) to work in Vly Creek channel at and near Allen Bridge.

Location Description:

CR-3 - CR-3 - between Mead and Hubbard Roads



Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	477DR3E-12
Activity Title:	Bush Road to Rappleyea Road

Activity Category:

Construction/reconstruction of streets

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Greene County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$6,998.08
Total Budget	\$0.00	\$6,998.08
Total Obligated	\$0.00	\$6,998.08
Total Funds Drawdown	\$0.00	\$6,998.08
Program Funds Drawdown	\$0.00	\$6,998.08
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$6,998.08
Greene County	\$0.00	\$6,998.08
Most Impacted and Distressed Expended	\$0.00	\$6,998.08
Match Contributed	\$0.00	\$0.00

Activity Description:

The Applicant used 343.5 hours of non-reimbursable force account straight time labor, 29.5 hours of reimbursable force account overtime labor, 350 hours of force account equipment time and \$12,356.92 of force account material to reopen, improve and maintain a former detour approximately 0.50 mile long that connects Bush Road to Rappleyea Road until the bridge is replaced. The Project Specialist has reviewed the documentation and found the costs reasonable

Location Description:

Emergency Repairs Bush Road to Rappleyea Road

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures
No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	477DR3F-12
Activity Title:	Vly Creek and areas along CR-3 at Allen Bridge

Activity Category:

Dike/dam/stream-river bank repairs

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Greene County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$20,092.16
Total Budget	\$0.00	\$20,092.16
Total Obligated	\$0.00	\$20,092.16
Total Funds Drawdown	\$0.00	\$20,092.16
Program Funds Drawdown	\$0.00	\$20,092.16
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$20,092.16
Greene County	\$0.00	\$20,092.16
Most Impacted and Distressed Expended	\$0.00	\$20,092.16
Match Contributed	\$0.00	\$0.00

Activity Description:

The Applicant used 4 area contractors (Garfield Mountain Excavating, Inc.; Josh Construction Company; PGK Logging, Inc.; and Four Seasons Landscaping) to complete various aspects of removing and transporting vegetative and rock debris from the creek channel and transport it to the Halcott DPW garage; excavating for, installing, and backfilling around temporary drainage culverts, along with subsequent removal; and KCK Paving, LLC for paving the section of damaged road surface topping. The period of work lasted from 8-29-11 through 12-16-11. An overview of work activities included: 8-29-11 to 9-11-11: Removed rock and vegetative debris and collapsed bridge components from creek channel; installed temporary galvanized arch culvert, approximate size = 95-IN wide X 67-IN high X 40-FT long (borrowed from and later returned to Belleayre Mountain DPW); built large rock walls – D/Q = 390-LF (120-FT + 120-FT + 150-FT) X 6-FT high (average) X 3-FT thick = 5,850 CF / 27 CF/CY = 216.7 CY (most rock components used were those that initially collapsed); filled-in sections of eroded road surface; and cut down damaged trees. 9-30-11 to 10-19-11: Obtained General Permit GP-0-11-007 from NY State Department of Environmental Conservation (DEC) to work in creek channel; installed temporary ACROW bridge to replace arch culverts. (An ACROW bridge system is designed to be quickly assembled from pre-designed and fabricated galvanized steel components.) 11-16-11 to 12-2-11: Excavated and removed temporary arched culverts, and returned them to Belleayre Mountain; transported additional rock debris along with collapsed bridge scrap metal and I-beams to Halcott DPW garage; cleaned up woody debris. 12-5-11: Contractor paved surface across temporary ACROW bridge, and north and south approaches (coordinates: 42.22361, -74.47103, north end; to 42.22283, -74.47118, south end) of road surface damaged by bridge collapse and temporary repair measures. D/Q of pavement = 255-LF X 18-FT wide (average) X 0.5-FT thick (2 - 3-IN layers 128.86 TN) = 2,295 CF / 27 CF/CY = 85 CY X 1.35 TN/CY = 114.75 TN. (NOTE: North of temporary bridge, Mead Road branches off of CR-3, towards the northeast. A 30-FT section was paved: 30-FT long X 18-FT

wide X 0.5-FT thick = 270 CF / 27 CF/CY = 10 CY X 1.35 TN/CY = 13.5 TN.) Total asphalt used = 128.25 TN. 12-15-11 and 12-16-11: Contractor completed removing woody debris from Vly Creek and areas along CR-3 at Allen Bridge. 2-15-12: Greene County Commission approved Resolution 55-12 authoring NYDepartment of Transportation (NYSDOT) to install the temporary ACROW bridge. 3-1-12: Greene County Commission signed agreement with NYSDOT that would allow the agency to apply for FEMA PA reimbursement for bridge installation (estimated to be \$200,000.00).

During paving operations on 12-5-11, the Applicant furnished FA labor and equipment to assist the contractor. Labor = 18.75 HRs (16 HRs – RT and 2.75 HRs – OT), at a cost of \$138.08 (only OT hours are eligible for Category B projects); equipment = 18.75 HRs, at cost of \$517.50. Other costs included: contractors (combined) = \$67,387.06; and material (asphalt binder) = \$12,077.78

The damaged bridge and adjacent areas were inspected/evaluated by the Applicant's engineering consultant, Creighton Manning Engineering (CME), at a cost of \$4,133.23. No engineering report was provided by the Applicant

Location Description:

Vly Creek and areas along CR-3 at Allen Bridge

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	477DR3G-12
Activity Title:	Destroyed Bridge on Bush Road

Activity Category:

Construction/reconstruction of streets

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Greene County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$10,884.12
Total Budget	\$0.00	\$10,884.12
Total Obligated	\$0.00	\$10,884.12
Total Funds Drawdown	\$0.00	\$10,884.12
Program Funds Drawdown	\$0.00	\$10,884.12
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$10,884.12
Greene County	\$0.00	\$10,884.12
Most Impacted and Distressed Expended	\$0.00	\$10,884.12
Match Contributed	\$0.00	\$0.00

Activity Description:

Following county procurement policy, the applicant contracted with A. Colarusso & Son to remove the destroyed bridge on Bush Road. The contractor provided 2 prices for demolition: 1 price for removal and disposal of the bridge (\$39,000.00), and 1 price to disassemble and save for reuse (\$55,000.00). The county elected to recover and save the reusable parts for a possible future project and accepted the contract for the higher price. The project cost listed below reflects the lower cost option as all "costs must be reduced by all applicable credits such as salvage values." PA Guide FEMA 322 pg 40. The applicant also contracted with Creighton Manning for engineering analysis. The recovered bridge sections were transported to the Bridge Maintenance Shop, 90 Allen Street, Catskill, New York 12414 for storage.

Bush Road Bridge GPS 42.23847, -74.33940

1) Dismantle and remove Acrow Bridge: 130 FT Long x 19 FT Wide

Any vegetative debris incidental to reclaiming the bridge was taken to the state run tub grinder in Hensonville (42.29430, -74.21292) and chipped for mulch. The bridge replacement will captured an a future Cat-C Pw.

Location Description:

Destroyed Bridge on Bush Road

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources	Amount
No Other Funding Sources Found	
Total Other Funding Sources	



Grantee Activity Number:	477DR3H-12
Activity Title:	Temporary Bridge adjacent to the damaged bridge on

Activity Category:

Construction/reconstruction of streets

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:

Responsible Organization:

Greene County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$39,404.60
Total Budget	\$0.00	\$39,404.60
Total Obligated	\$0.00	\$39,404.60
Total Funds Drawdown	\$0.00	\$39,404.60
Program Funds Drawdown	\$0.00	\$39,404.60
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$39,404.60
Greene County	\$0.00	\$39,404.60
Most Impacted and Distressed Expended	\$0.00	\$39,404.60
Match Contributed	\$0.00	\$0.00

Activity Description:

The applicant contracted with ING Civil, Inc to supply and install a Temporary Bridge adjacent to the damaged bridge on Benjamin Road. The applicant supplied materials (Heavy Stone Fill & Item 4 gravel) which was hauled to the site by the supplier (Callanan Industries). Creighton Manning Engineering provided damage and engineering analysis for the site.

Benjamin Road Bridge (BIN 3201040) GPS 42.13243, -74.23434

1a) Supply and install steel girder (4) temporary bridge (57 FT Long) with 12 IN x 12 IN wood crane mat decking, 2 IN x 12 IN wear strips, and concrete Jersey barriers as guide rails

1b) Supply and install Heavy Stone Fill rip rap protection for temporary bridge: 80 FT Long x 12 FT Wide x 4.90 FT Thick / 27 = 174.39 CY x 1.4 = 244.15 Ton

1c) Supply and install Item 4 gravel approach on each side of temporary bridge: 100 FT Long x 26 FT Wide x 0.69 FT Thick / 27 = 66.163 CY x 1.6 = 105.86 Ton

Temporary Bridge Cost: The temporary bridge is owned by ING Civil and leased to Greene County until the new bridge is built. The value of the bridge is estimated at \$64,699.80 (see attached Creighton Manning cost estimate). The common per month rental rate for a bridge of this size is \$5,250.00. A 12 month rental period is anticipated bringing the cost of the rental close to the value of the bridge. Greene County can not pay in rent more than the bridge is worth and the not to exceed amount is \$64,699.80. The rental cost from 9/9/11 - 2/9/12 (\$26,250.00) has been charged and paid (see contract sheet). The remaining not to exceed cost is \$38,449.80.

An estimate to dismantle the temporary bridge (\$5,629.20), load and ship the temporary bridge (\$2,737.58), and unload the temporary bridge (\$3,391.10) is included for a total estimate of \$15,800.00. All cost associated

with the rental and dismantling & removal are to be reconciled at the time of closeout.

Location Description:

Temporary Bridge adjacent to the damaged bridge on Benjamin Road

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	477DR3I-12
Activity Title:	Damaged Bridge CR 6 Spruceton Road

Activity Category:

Construction/reconstruction of streets

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Greene County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$33,452.16
Total Budget	\$0.00	\$33,452.16
Total Obligated	\$0.00	\$33,452.16
Total Funds Drawdown	\$0.00	\$33,452.16
Program Funds Drawdown	\$0.00	\$33,452.16
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$33,452.16
Greene County	\$0.00	\$33,452.16
Most Impacted and Distressed Expended	\$0.00	\$33,452.16
Match Contributed	\$0.00	\$0.00

Activity Description:

The applicant used 46 hours of Force Account Regular time, 8.25 hours of Force Account Overtime, and 50.25 hours of equipment to barricade and block off traffic, and to haul material to the site for bridge repair. The applicant employed Wm. J Keller & Sons to cut an access road for construction equipment, place barriers and blocks to support stone leveling pads for cranes and formwork, form and pour concrete pads, and set and weld steel post & beam bridge supports. A state contractor set the temporary bridge provided by NYDOT while Callanan Industries Inc paved the approach on each side of the temporary bridge. The temporary bridge is single lane which requires temporary traffic lights at each approach. Keller & Sons are providing the traffic lights on a per month basis.

Site 1. Damaged Bridge / CR-6 GPS 42.20279, -74.37754 1a) Crusher Run gravel for temporary access road: 40 FT Long x 15 FT Wide x 0.525 FT Thick / 27 = 11.67 CY x 1.6 = 18.81 Ton 1b) #2 Stone for leveling concrete form areas: 40 FT Long x 5 FT Wide x 0.82 FT Thick / 27 = 6.1 CY x 1.4 = 8.53 Ton 1c) #3 Stone for leveling crane pad: 30 FT Long x 30 FT Wide x 1.245 FT Thick / 27 = 41.52 CY x 1.4 = 58.13 Ton 1d) Lt Stone Fill for leveling crane pad: 30 FT Long x 30 FT Wide x 0.825 FT Thick / 27 = 27.61 CY x 1.4 = 38.66 Ton 1e) Crusher Run gravel for temporary bridge approaches: 30 FT Long x 15 FT Wide x 0.655 FT Thick / 27 = 10.91 CY x 1.6 = 17.45 Ton The bridge is set for replacement in spring / summer 2012. An additional 6 months rental for the temporary traffic lights is anticipated at which time the state contractor for the bridge replacement will take over or supplies the traffic control. The monthly estimate for rental including Jersey barriers and check up labor is \$6,244.88 / month. 6 x \$6,244.88 = \$37,469.28 estimated for 6 month period. Rental costs are not to exceed the purchase price of the lights (see attached invoices from Keller Construction and North America Traffic).

Location Description:

Damaged Bridge CR 6 Spruceton Road



Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	477DR3J-12
Activity Title:	Damaged Bridge Elk Creek Road over Vly Creek

Activity Category:

Construction/reconstruction of streets

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Greene County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$63,716.41
Total Budget	\$0.00	\$63,716.41
Total Obligated	\$0.00	\$63,716.41
Total Funds Drawdown	\$0.00	\$63,716.41
Program Funds Drawdown	\$0.00	\$63,716.41
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$63,716.41
Greene County	\$0.00	\$63,716.41
Most Impacted and Distressed Expended	\$0.00	\$63,716.41
Match Contributed	\$0.00	\$0.00

Activity Description:

The old collapsed bridge was excavated and removed. A contractor to the county (ING Civil Inc.) performed all of the following repairs: 1.) Erected a temporary bridge (57FT long) steel girder (4) with 12IN x 12IN wood crane mat decking, 2IN x 2IN wear strips, and concrete jersey barriers as guide rails. 2a.) Supplied and installed 2147.75 Tons of heavy rip rap for embankment. 2b.) Supplied and installed 169.42 Tons of medium rip rap for embankment. 3a.) Supplied and installed 42.39 Tons of #4 sub base for bridge approach. 3b.) Supplied and installed 107.33 Tons of #2 sub base for bridge approach. 3c.) Supplied and installed 584.42 Tons of granular fill for bridge approach. 3d.) Supplied and installed 37.56 Tons of crushed #2 stone for bridge approach.

Materials for embankment and temporary bridge approach were supplied and hauled by Callanan Industries. Direct administration costs for this project are included with Category C work, refer to PW#9903993. Work to be completed: The temporary bridge is owned by ING Civil and leased to Greene County until the new bridge is built. The value of the bridge is estimated at \$64,699.80 (see attached Creighton Manning cost estimate). The common per month rental rate for a bridge of this size is \$5,250.00. A 12 month rental period is anticipated bringing the cost of the rental close to the value of the bridge. Greene County cannot pay in rent more than the bridge is worth and not to exceed amount is \$64,699.80. The rental cost from 9/9/11 - 2/9/12 (\$26,250.00) has been charged and paid (see contract sheet). The remaining not to exceed cost is \$38,449.80. An estimate to dismantle the temporary bridge (\$5,629.20), load and ship the temporary bridge (\$2,737.58), and unload the temporary bridge (\$3,391.10) is included for a total estimate of \$15,800.00. All cost associated with the rental and dismantling & removal are to be reconciled at the time of closeout.

Location Description:

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	477DR3K-12
Activity Title:	stabilize the road and embankment on CR-10

Activity Category:

Construction/reconstruction of streets

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Greene County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$45,462.17
Total Budget	\$0.00	\$45,462.17
Total Obligated	\$0.00	\$45,462.17
Total Funds Drawdown	\$0.00	\$45,462.17
Program Funds Drawdown	\$0.00	\$45,462.17
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$45,462.17
Greene County	\$0.00	\$45,462.17
Most Impacted and Distressed Expended	\$0.00	\$45,462.17
Match Contributed	\$0.00	\$0.00

Activity Description:

The applicant used 82 hours of force account regular time (regular time not eligible - FEMA PA Guide pg 42), 67.5 hours of force account overtime, 143.5 hours of equipment, rental equipment (trailer to haul heavy stone fill), and materials (various types of stone & gravel) to stabilize the road and embankment on CR-10. The applicant contracted with Advanced Enterprise for the initial road stabilization and A. Colarusso & Son to set in place the temporary bridge. The temporary bridge is rented from Acrow Corp of America. Creighton Manning supplied engineering services. With numerous closures on State Route 23, County Route 10 became a major artery to the Town of Prattsville. County Road 10 Culvert GPS 42.33085, -74.41792 1a) Rent and install 700XS Acrow Panel Bridge: 70 LF (A. Colarusso & Son) 1b) Item 4 Gravel temp bridge approach: 100 FT Long (50 each side) x 16 FT Wide x 2.87 FT Thick (average / tapered) / 27 = 170 CY x 1.6 = 272 Ton 2a) Heavy Stone Fill to stabilize failed concrete wing walls: 30 FT Long x 10 FT High x 1.75 FT Thick / 27 = 19.4 CY x 1.8 = 34.9 Ton 2b) Medium Stone Fill to stabilize failing intermittent sections of road embankment: 85 FT Long x 20 FT High x 1.58 FT Thick / 27 = 99.7 CY x 1.4 = 139.6 Ton 3) Light Stone Fill to stabilize sink hole: 8 FT Long x 8 FT Wide x 8 FT Deep / 27 = 19 CY x 1.6 = 30.4 Ton (used 32.06 Ton) 4a) Item 4 Gravel to replace road shoulders: 185 FT Long x 7 FT Wide x 1.24 FT Thick / 27 = 59.5 x 1.6 = 95.2 Ton 4b) Light Stone Fill to stabilize road shoulder: 85 FT Long x 6 FT Wide x 1.32 FT Thick / 27 = 24.9 CY x 1.6 = 39.8 Ton Sales Tax Note: The contractor who originally rented the bridge was charged sales tax: Section 1101(b)(5) of the Tax Law defines "sale" as "any transfer of title or possession or both, exchange or barter, rental, lease or license to use or consume... conditional or otherwise, in any manner or by any means whatsoever for a consideration...." Therefore, the term "sale" includes a rental for purposes of the Tax Law. The terms "selling" and "purchase" also include rentals. See Section 526.7 of the Sales and Use Tax Regulations. The bridge is considered rental equipment and because it was rented by the contractor, the sales tax is a legitimate expense paid by the contractor and is eligible for



reimbursement. The applicant assumed rental of the bridge after the initial term of the rental and is now renting directly from Acrow so the monthly rental is now exempt from additional sales tax. Continuing Bridge Rental: The monthly rental cost are \$3,100.00 / month. Permanent repairs to the site are expected to be complete in December 2012 and an additional 9 months (April - December) are anticipated.

Location Description:

Road and embankment on CR-10

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	477DR3L-12
Activity Title:	CR 10 culvert over tributary

Activity Category:

Construction/reconstruction of streets

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Greene County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$9,276.49
Total Budget	\$0.00	\$9,276.49
Total Obligated	\$0.00	\$9,276.49
Total Funds Drawdown	\$0.00	\$9,276.49
Program Funds Drawdown	\$0.00	\$9,276.49
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$9,276.49
Greene County	\$0.00	\$9,276.49
Most Impacted and Distressed Expended	\$0.00	\$9,276.49
Match Contributed	\$0.00	\$0.00

Activity Description:

The temporary bridge is owned by the State of New York and a NYSDOT contractor set the bridge. Creighton Manning provided damage and engineering analysis. Culvert and road debris was removed from the tributary using force labor (646.50 regular hours - not eligible PA Guide pg42) and equipment (586.25 hours).

1.)Greene County elected to use force account labor to construct temporary Bailey bridge on County Route 10. Williams Lumber provided treated lumber and plywood for Bailey bridge. Sign Department installed necessary detour signage on County Route 10 where necessary.

Peckham Materials Corp. provided various materials to build road for temporary bridge.

2.)Installed (147.63 Tons) of heavy rip rap for embankment.

3.)Installed (34.98 Tons) of medium rip rap for embankment.

4.)Replaced (114.76 Tons) of #4 sub base for culvert approach.

5.)Replaced (45.62 Tons) of #6 asphalt for culvert approach.

Location Description:

CR 10 culvert over tributary

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	477DR495A-12
Activity Title:	Debris Removal

Activity Category:

Debris removal

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Town of Halcott

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$3,546.95
Total Budget	\$0.00	\$3,546.95
Total Obligated	\$0.00	\$3,546.95
Total Funds Drawdown	\$0.00	\$3,546.95
Program Funds Drawdown	\$0.00	\$3,546.95
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$3,546.95
Town of Halcott	\$0.00	\$3,546.95
Most Impacted and Distressed Expended	\$0.00	\$3,546.95
Match Contributed	\$0.00	\$0.00

Activity Description:

477DR3Y-12 PA-02-NY-4020-PW-01937 PA-02-NY-4020-State-0044(43)

The applicant used contractor services to remove the woody debris located at Mead Road, and the stream in front of the Highway Garage and the Greene County Highway Department cut and removed the trees located at Turk Hollow Road. All woody debris was brought to the town garage and used as fire wood.

477DR3Z-12 PA-02-NY-4020-PW-07333 PA-02-NY-4020-State-0091(90)

The Town of Halcott, according to their procurement policy, advertised in the local newspaper (attached) a bid to remove the 374.37 CY pile of debris still remaining at the Town Highway Garage. The Town received 2 bids (both attached). Aaron Dumond was the low bidder with a lump sum price of \$6,000.00. (Award letter attached). The material was removed from the Town Highway Garage and donated to the Chris DiBenedetto farm, Main Street, Halcott, NY 12430.

(GPS Coordinates: 42.18954, -74.48623).

(Right of Entry letter attached). This property is above the floodplain.

Bid removal price: \$6,000.00/374.37CY in stockpile = \$16.03/CY.

This is a reasonable dollar amount for removal of debris.

Location Description:

Town Wide

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	477DR54A-12
Activity Title:	Debris Removal

Activity Category:

Debris removal

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Town of Ashland

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$7,700.77
Total Budget	\$0.00	\$7,700.77
Total Obligated	\$0.00	\$7,700.77
Total Funds Drawdown	\$0.00	\$7,700.77
Program Funds Drawdown	\$0.00	\$7,700.77
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$7,700.77
Town of Ashland	\$0.00	\$7,700.77
Most Impacted and Distressed Expended	\$0.00	\$7,700.77
Match Contributed	\$0.00	\$0.00

Activity Description:

The applicant used 15 hours of regular force account labor (regular time not eligible according to FEMA Policy 9527.7 Labor Costs-Emergency Work) and 15 hours of force account equipment to collect, haul and dispose of 96 CY of debris. The 16 CY of vegetative debris was collected and put on the side of the road. The Greene County came, used a tub grinder and the woody waste was taken away. The 80 CY of gravel was used to fill in sections of roads. Contracting services (Layne Christensen Company) were used to clean sediment and gravel from the wells. The debris that was removed from the wells were used to fill in potholes on the gravel entrance road to the site.

16 CY + 80 CY = 96 CY Total of Debris/\$678.00 Total of Cost = \$7.06/CY. This is a reasonable cost for debris removal. The Well Water area was inundated with woody debris, mud, and gravel. The total area surrounding each of the wells is a 50 foot radius and a 60 LF road to gain access to them. Road = 60 LF x 20 FT Wide x 3 FT Deep = 133.33 CY
Well #1 = 50 FT x 50 FT X 3 FT Deep = 277.78 CY Well #2 = 50 FT x 50 FT x 3 FT Deep = 277.78 CY Road between the 2 wells = 80LF X 20 FT Wide x 3 FT Deep = 177.78 CY

Project Specialist reviewed the project with the Debris Task Force. The Debris Removal Costs established by the debris team on a memo dated 1/09/2012 (attached) - Sediment and Gravel Removal @ \$24.00/CY - was used to determine the removal costs for this PW.

133.33 CY + 277.78 CY + 277.78 CY + 177.78 CY = 866.67 CY @ \$24.00/CY = \$20,800.08

Location Description:

Town of Ashland Town Wide

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	477DR54B-12
Activity Title:	Road Repairs

Activity Category:

Construction/reconstruction of streets

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Low/Mod

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Town of Ashland

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$3,080.75
Total Budget	\$0.00	\$3,080.75
Total Obligated	\$0.00	\$3,080.75
Total Funds Drawdown	\$0.00	\$3,080.75
Program Funds Drawdown	\$0.00	\$3,080.75
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$3,080.75
Town of Ashland	\$0.00	\$3,080.75
Most Impacted and Distressed Expended	\$0.00	\$3,080.75
Match Contributed	\$0.00	\$0.00

Activity Description:

The Town of Ashland used contracted services to install a 200LF x 15Ft Wide x 1.42FT Deep gravel road and installed 1 - 20FT (L) of 24" (R) CMP for drainage to access the treatment plant. The permanent road will be built and all costs associated with it will be in a future PW.

Location Description:

Town of Ashland

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	477DR54C-12
Activity Title:	Road Repairs

Activity Category:

Construction/reconstruction of streets

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Town of Ashland

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$2,128.02
Total Budget	\$0.00	\$2,128.02
Total Obligated	\$0.00	\$2,128.02
Total Funds Drawdown	\$0.00	\$2,128.02
Program Funds Drawdown	\$0.00	\$2,128.02
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$2,128.02
Town of Ashland	\$0.00	\$2,128.02
Most Impacted and Distressed Expended	\$0.00	\$2,128.02
Match Contributed	\$0.00	\$0.00

Activity Description:

477DR3DW-12 Campbell Road PA-02-NY-4020-PW-01170 PA-02-NY-4020-State-0018(17)

Applicant used 23.5 hours of force account labor, 23.5 hours equipment and materials (92.44 Tons of Item 4 and 12.84 Tons of Fine Stone Fill) in order to make the 220LF x 15FT Wide x 0.883FT Deep road section passable to traffic, and to repair 220LF x 8FTWide x 0.583Deep shoulder and placed 15" x 60LF and 18" x 20LF of polyethylene Pipe from stock.

220LF x 15FT Wide X 0.417 FT Deep Road Section = 51 CY

220LF x 7FT Wide X 0.417 FT Deep Shoulder Section = 23.78CY

Applicant Purchased 92.44 Tons of Item 4 + 12.84 Tons of Fine Stone Fill = 105.28 Tons/1.4 Factor = 75.2CY

The applicant to remove SY of pavement, place 30.6 CY Course Base to the road section and 20.4 CY Top to the road section, 14.3 CY aggregate surfaces to the shoulder section, when weather permits.

220LF x 15FT Wide = 366.7 SY Pavement Removal

220LF x 15FT Wide X 0.25 FT Deep Road Section = 30.6 CY

220LF x 15FT Wide X 0.167 FT Deep Road Section = 20.4 CY = 220LF x 15FT Wide = 3300/9 x 2 = 733.33 SY/IN

220LF x 7FT Wide X 0.25 FT Deep Shoulder Section = 14.3 CY

Location Description:

Town of Ashland Town Wide

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	477DR54F-12
Activity Title:	Town of Ashland Sewer District

Activity Category:

Construction/reconstruction of water/sewer lines or systems

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Low/Mod

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Town of Ashland

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$8,190.53
Total Budget	\$0.00	\$8,190.53
Total Obligated	\$0.00	\$8,190.53
Total Funds Drawdown	\$0.00	\$8,190.53
Program Funds Drawdown	\$0.00	\$8,190.53
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$8,190.53
Town of Ashland	\$0.00	\$8,190.53
Most Impacted and Distressed Expended	\$0.00	\$8,190.53
Match Contributed	\$0.00	\$0.00

Activity Description:

477DR3DY-12 Waste Water Treatment Plant PA-02-NY-4020-PW-00837 PA-02-NY-4020-State-0012(10)

The applicant contracted out the repairs. Fill in the washed out areas and reset and bed the bioretention underdrain and the WWTP outfall piping to grade as required. Replace cover on existing outfall pipe with onsite material. Refill and compact washed out area at the end of the bioretention basin and structural fill pad. Area: 30Ft x 30Ft x 12Ft Finish grading and seeding and mulching disturbed areas. This repair work will bring the site back to its pre-disaster condition.

477DR3DZ-12 Ashland Sewer System Pump Station #1 PA-02-NY-4020-PW-05441 PA-02-NY-4020-State-0063(62)

A company named LVDV Operations, Inc. operates the sewage system for the Town of Ashland, an eligible applicant. An engineering company, Lamont Engineers, PC is on-call with LVDV. Lamont assessed the damage and coordinated with Cranbrook Construction, Inc., a contractor (who had several subcontractors) to pump water from Pump Station #1, investigate the source of problems with the pumps, and replace or repair damaged components of the system.

The Town of Ashland followed their purchasing procedures in retaining the contractor.

In addition to the restoring the facility to its function and capacity, the Town identified a mitigation opportunity to help prevent this flooding problem from reoccurring at Pump Station # 1. The contractor will install a crushed stone curtain drain into the backfill that surrounds the concrete pump station vault. (see Mitigation Plan, attached).

The work necessary to put the pump station back in service was coordinated by Lamont Engineers, PC, an engineering company that works on call on a time and materials basis for the Town of Ashland.

477DR3DX-12 Road to Sewer Treatment Plant PA-02-NY-4020-PW-08995 PA-02-NY-4020-State-0127(127)

The applicant used contracting services (W. M Schultz Construction, Inc. and Lamonte Engineers, P.C.) to remove and store the guiderail, excavate around the culvert to inspect for damages and provide a scope of



work.

Work Completed:

The applicant to follow their procurement policy to utilize contracting services to remove the damaged 19 LF x 30 FT Wide x 7 Ft High, three sided, precast concrete culver and replace in kind, place 69.66CY of Item 4 gravel on the road surface to restore the permanent road and remove the temporary road and culvert.

- 1) Replace and compact Item 4 gravel road base: 209 LF x 19 FT Wide x .33 FT Deep 121 = 48.53 CY
- 2) Replace and compact Item 4 gravel road base: 91 LF x 19 FT Wide x .33 FT Deep/27 = 21.13 CY
- 3) Replace and install precast concrete culvert, three-sided: 19 LF x 30 FT Wide x 7 Ft High
- 4) Remove and restore the temporary road and culvert

NOTE #1: The applicant used contracting services to install an interim road and culvert to have access to the plant. The temporary road work was written on PW #280302.

NOTE #1: Applicant has requested mitigation of the 3-sided concrete box culvert.

NOTE #2: The applicant used contracting services to install an interim road and culvert to have access to the plant. The temporary road work was written on PW #280302.

Location Description:

Town of Ashland Sewer District

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	477DR562C-12
Activity Title:	Road Reconstruction

Activity Category:

Construction/reconstruction of streets

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Town of Hunter

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$153,920.95
Total Budget	\$0.00	\$153,920.95
Total Obligated	\$0.00	\$153,920.95
Total Funds Drawdown	\$0.00	\$153,920.95
Program Funds Drawdown	\$0.00	\$153,920.95
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$153,920.95
Town of Hunter	\$0.00	\$153,920.95
Most Impacted and Distressed Expended	\$0.00	\$153,920.95
Match Contributed	\$0.00	\$0.00

Activity Description:

477DR3HL-12 Legg Road PA-02-NY-4020-PW-00214 PA-02-NY-4020-State-0004(2)

The applicant used 15 hours force account labor, 11 hrs equipment and materials (10 CY's of Light Stone and 20 CY of Crusher run) to partial repair 1507 LF length x 4 LF wide x 4" deep area in order to make road passable. The applicant placed 81.6 CY (= 2937.60 Sq. Inches) of bituminous concrete overlay to bring road back to pre-disaster condition.

477DR3HM-12 Scutt Road PA-02-NY-4020-PW-01235 PA-02-NY-4020-State-0019(18)

During Emergency Protective Measures, (Force Account Labor and Equipment on PW #3617806) the Applicant placed gravel as needed and graded the 2210 LF x 14FT Wide x 0.33FT Deep Gravel Road Section to make the road passable to traffic. The applicant to place and grade 378.2 CY of Item 4 to the 2210 LF x 14FT Wide x 0.33FT Deep gravel road section. 2210 LF x 14FT Wide x 0.33FT Deep = 378.2 CY x 1.4Factor = 529.48 = 530 Tons

477DR3HN-12 Hylan Road PA-02-NY-4020-PW-02518 PA-02-NY-4020-State-0044(43)

Applicant used 68 Hours force account labor, 68 hours force account equipment and materials (66.49 Tons of Crusher Run, 22.63 Tons of #1 Stone) in order to make the 2923LF LF x 18 FT Wide X 0.25FT Deep road passable to traffic. 66.49 Tons of Crusher Run + 22.63 Tons of #1 Stone = 89.12 Tons = 59.4CY material used to fill in the undermined areas of the road. Scarify the surface of the 2923 LF x 18FT Wide gravel road, place 487.2 CY of aggregate on the surface of the road. Replace the collapsed 24"Dia x 40LF CMP; place 2.2 CY of stabilization rip rap on the inlet and outlet side of the culvert. Replace the clogged and damaged 36" Dia. X 40LF polyethylene pipe and replace 13.34 CY Laid Up Stone on both the inlet and outlet side of the culvert, (20LF x 10FT deep x 1FT Thick on each side). 2923 LF x 18FT Wide = 5846 SY Scarify the damaged road surface 2923 LF x 18FT Wide x 0.25 Deep = 487.2 CY Place aggregate on the surface of the road 24"Dia. X 40LF CMP replace collapsed pipe 10LF x 3FT High x 1FT Deep = 1.1 CY Place Stabilization Rip Rap on Inlet Side 10LF x 3FT High x 1FT Deep = 1.1 CY Place Stabilization Rip Rap on Outlet Side 36" Dia x 40LF Polyethylene Pipe replace clogged and damaged pipe 20LF x 10FT deep x 1FT Thick = 7.4 CY Laid Up Stone on the Inlet Side



20LF x 10FT deep x 1FT Thick = 7.4 CY Laid Up Stone on the Outlet Side
 477DR3HO-12 Neal Road PA-02-NY-4020-PW-01987 PA-02-NY-4020-State-0044(43)
 Applicant used 24 hours force account labor, 24 hours force account equipment in order to make the 185LF x 18FT Wide x 0.33FT Deep road section, the 70LF x 20FT Wide x 0.33FT Deep road section, and the 25LF x 40FT Wide x 0.33FT Deep road section passable to traffic;
 Place 0.33FT of Bituminous Concrete overlay on Section A - 185LF x 18FT Wide x 0.33FT Deep road section, Section B - 70LF x 20FT Wide x 0.33FT deep road section, and Section C - 25LF x 40FT Wide x 0.33FT deep road section. Replace the damaged 36"Dia x 40LF Polyethylene Pipe in kind. Place slope protection rip rap (3.8CY) around the inlet and outlet of the culvert. All work to be done when weather permits.
 Asphalt Calculations:
 1Section A = 185LF x 18FT Wide x .33FT Deep = 40.7 CY Bituminous Concrete Overlay Road Section Section B = 70 LF x 20FT Wide x 0.33FT Deep = 17.1 CY Bituminous Concrete Overlay Road Section C = 25LF x 40FT Wide x 0.33FT Deep = 12.2 CY Bituminous Concrete Overlay Road Section 40.7CY + 17.1CY + 102.2CY = 70CY x 2.1Factor = 147 Tons of Bituminous Concrete material needed. 147 Tons of material/0.33FT Deep = 36.75 Tons per inch. 36.75 Ton x 0.167FT Deep = 73.50 Tons Type 6 Top @ \$72.50/Ton IN PLACE = \$5,328.75 36.75 Ton x 0.167FT Deep = 73.50 Tons Type 3 Binder @ \$67.75/Ton IN PLACE = \$4,979.63Total amount of contractor quote - \$10,308.38 See attached quote from Carver Construction to place the Binder and Top.
 477DR3HP-12 Sunset Road PA-02-NY-4020-PW-03137 PA-02-NY-4020-State-0044(43)
 The applicant used 35 Hours of Force Account Labor, 24 Hours of Force Account Equipment and material (12 Tons of #1 Stone) to reclaim, clean out and set the 2 - 12"Dia Steel Pipe x 26LF each. Replace the existing clogged and damaged 18" Dia CMP pipe, scarify the road surface and place a 3" Overlay of 6 TOP to bring the road back to pre disaster condition. 1624LF x 18' Wide = 29,232/9 = 3,248SY Scarify the Road Surface 1624LF x 18'Wide x 0.25FT Deep = 270.7CY x 2.1 Factor = 568.47 Tons Bituminous Concrete Overlay 100LF x 18"Dia CMP
 477DR3HQ-12 Osbourne Road PA-02-NY-4020-PW-01806 PA-02-NY-4020-State-0044(43)
 Applicant used 22 hours force account labor, 14 hours equipment and materials (31.68 Tons Scalping) in order to make the 928LF x 18FT Wide x 0.167 FT Deep road section passable to traffic; reclaimed and set 36" CMP x 40LF. Applicant purchased 31.68 Tons of Scalping = 31.68 Tons/1.6 Factor = 19.80 CY Reclaimed pipe area: 20LF x 20FT Wide x 1.34FT Deep = 19.9CY Applicant to use Force Account Labor, Force Account Equipment and Materials to scarify the 928LF x 18FT Wide x 0.167 deep road surface, and place an aggregate surface course on the 582LF x 5FT Wide x 0.167 FT Deep Shoulder and clean and reshape 928LF of clogged and obstructed ditches when weather permits. 928LF x 18FT = 16704/9 = 1856 SY 582LF x 5FT Wide x 0.167 FT Deep = 18CY Material Required 928LF of clogged and obstructed ditches
 477DR3HR-12 Silver Hollow Road PA-02-NY-4020-PW-03431 PA-02-NY-4020-State-0044(43)
 Applicant used 160 Hours force account labor, 144 hours equipment, materials (94 Tons of Crusher Run, 174.38 Raw Fines and 22.47 Tons #1 Stone)and contracting services (Harvey Ostrander Excavating, Inc. \$2,160.00) in order to make the 3912LF x 16FT Wide x .5FT Deep Gravel road pWork To Be Completed:
 Scarify 6954.74 SY and place 788.2 CY of Item 4 onto the 3912LF x 16FT Wide x .25 FT Deep Road Section, clean & reshape 1522LF of ditches, place 30.4CY of Slope Protection Rip Rap on both the inlet and outlet sides at 3 culverts, and replace a 24" Dia x 20LF CMP and 36" Dia x 32LF CMP when weather permits.
 3912LF x 16 FT Wide = 6954.74 SY Scarify the road
 3912LF x 16 FT Wide x 0.25 FT Deep = 579.6 CY Aggregate Surface Course
 1522LF Ditch Cleaning and Shaping
 42LF x 10FT High x 1 Ft Thick = 15.6 CY Slope Protection Rip Rap
 12LF x 6FT High x 1FT Thick = 2.7CY Washed Out Rip Rap
 12LF x 3FT High x 1FT Thick = 1.3CY Washed Out Rip Rap
 24" Dia x 20LF CMP
 16LF Wide x 3FT High x 1FT Thick = 1.8CY Washed Out Rip Rap
 16LF Wide x 3FT High x 1FT Thick = 1.8CY Washed Out Rip Rap
 36" Dia x 32LF CMP
 24LF Wide x 4FT High x 1FT Thick = 3.6CY Washed Out Rip Rap
 24LF Wide x 4FT High x 1FT Thick=36YWshed Out Rip Rap Passable to traffic.
 RECORD RETENTION: Complete records and cost documents for all approved work must be maintained for at least 3 years from the date the last project was completed or from the date final payment was received, whichever is later.
 477DR3HS-12 Camp Meadowbrook Road PA-02-NY-4020-PW-01891 PA-02-NY-4020-State-0044(43)
 The applicant used 56 Hours force account labor, 56 Hours equipment and materials (23.01Tons #1 Stone, 40 Tons Crusher Run, 39.34 Tons Binder, 19.61 Tons of Top - used for T&L) in order to make the 743FT x 18 FT Wide x 0.33FT Deep road section passable to traffic. 743 LF x 18FT wide x 0.167FT Deep/27 = 82.72CY. Applicant purchased: 23.01 Ton (#1 Stone) + 40 Tons Crusher Run = 63.01 Tons / 1.4 Factor = 45 CY Applicant purchased: 39.34 Tons binder + 19.61 Tons Top = 58.95 Tons / 2.1 Factor = 42.CY The applicant has placed a double layer of Chip and Seal to the road. 743 LF x 18FT wide = 1486 SY
 477DR3HT-12 Benjamin Road PA-02-NY-4020-PW-03412 PA-02-NY-4020-State-0044(43)
 In order to restore local access, the Town of Hunter filled in the washed out area with 1586 CY of unclassified and 146 CY crusher run. The County installed a temporary bridge and the Town of Hunter made a temporary road and approaches to the temporary bridge using the above materials. In the summer, the County plans on placing a permanent bridge. At that time the Town of Hunter will permanently repair the 500LF x 16FT Wide x .50FT Deep road, approaches, and shoulders. Applicant used 53.5 hours force account labor, 53.5 hours force account equipment, materials (219 Tons Crusher Run) and contracting services (D Van Valkenburgh, Jr. Construction - \$825.00) in order to make Benjamin Road passable to traffic. 92LF x 42LF x 8FT Deep Hole = 1145CY Washed Out section of Benjamin Road filled in
 20LF x 20 FT Wide x 3FT /2 (Wedge) on each side of the bridge = Total of 44.4 CY Approaches to the bridge. 500LF x 16FT x 0.50 FT Deep = 148 CY placed gravel for road The permanent work: shoulder reconstruction and blacktop placement, will be captured on PW #3617813.
 477DR3HU-12 Laurel House Road PA-02-NY-4020-PW-01880 PA-02-NY-4020-State-0044(43)
 Applicant used 40 hours of force account labor, 42 hours of force account equipment and materials (30 Tons of Crusher Run, and 49.06 Tons Binder and 39.32 Tons of top for Truing & Leveling) in order to repair the 40LF x 20FT Wide x 2.167FT Deep rut in the road to make the road passable to traffic. Placed a double layer of Chip and Seal to the road. Calculations: 1850LF x 18FT Wide = 33,300/9=3,700SY. Applicant obtained 2 quotes (both attached) for Chip and Seal work. The lower quote, provided by Peckham, was used as the PW price per SY. Note - The Force Account Labor and Force Account Equipment hours differ by 2 hours. There is an additional 2

hours for the equipment time due to the trailer being used to mob and demob the Roller.

477DR3HV-12 Scribner Hollow Road PA-02-NY-4020-PW-03439 PA-02-NY-4020-State-0044(43)

The applicant used 16 hours of force account labor and 17 hours of force account equipment in order to assist the Village of Hunter to clean out the 18" Dia x 80LF culvert, clean, reshape, and rip rap the 42LF of ditches at the end of the 18" Pipe, attempt to clean out the debris from the 12" Dia CMP, clean, reshape, and rip rap the 190 LF of ditches, place stone to reestablish the 3Ft wide shoulder.

The Town and Village of Hunter are part of the Intermunicipal Highway Department Agreement, copy attached. The Village of Hunter work was captured on PW # 3616709. Work Completed:

18"Dia x 80LF Polyethylene Pipe Clogged and Cleaned Out

5LF x 2FT Deep x 1FT Thick = 0.40 CY Slope Protection Rip Rap on the Inlet Side of both culverts

2LF x 2FT Deep x 1FT Thick = 0.10 CY Slope Protection Rip Rap on the outlet Side of the 12" Dia culvert

3LF x 2FT Deep x 1FT Thick = 0.10 CY Slope Protection Rip Rap on the outlet Side of the 18" Dia culvert

190LF Ditches caved in and rip rap washed away outlet Side of the 18" Dia culvert

42LF Ditches caved in and rip rap washed away outlet Side of the 12" Dia culvert

100LF x 3FT Wide x 0.25FT Deep Shoulders washed out

477DR3HW-12 Notch Inn Road PA-02-NY-4020-PW-05111 PA-02-NY-4020-State-0054(53)

Applicant used 51 hours of Force Account Labor, 51 hours of Force Account Equipment, and materials (30 tons Crusher Run and 24" x 20LF Poly Pipe) to replace a 24" x 20LF Poly Pipe, used unclassified and 30 tons of crusher run to fill in the deep ruts of the road, and graded sections of the road to make Notch Inn Road passable to traffic. Applicant intends to use force account labor, equipment and materials to add 239.4 CY of Item 4 and scarify the road to a depth of 4" to bring the road back to pre-disaster condition.

1) a. 1056 LF x 18 FT Wide x 0.34 FT Deep = 239.4 CY Gravel Road Surface

b. 1056 LF x 18 FT Wide = 2,112 SY of Scarifying

477DR3HX-12 Benjamin Road PA-02-NY-4020-PW-02623 PA-02-NY-4020-State-0054(53)

Place 74.1CY of Aggregate sub-base, 156 Tons of Bituminous Concrete Overlay and place 27.8CY of Item 4 on the shoulders

to bring Benjamin Road back to pre-disaster condition. 500LF x 16FT Wide x .25 FT Deep = 74.1CY Aggregate Sub-base

500LF x 16FT Wide x .25 FT Deep = 74.1CY x 2.1 factor = 156Tons Bituminous Concrete Overlay @ \$72.50/Ton IN PLACE -

(quote attached) 500LF x 3FT Wide x .50 FT Deep = 27.8CY Aggregate Surface Course for shoulders

477DR3HY-12 Jensen Road PA-02-NY-4020-PW-06001 PA-02-NY-4020-State-0064(63)

Applicant used 260 hours of force account labor, 260.5 hours force account equipment to repair the 50 LF of guiderail that was damaged, cleaned out the 100LF of ditches, replace the 50LF of 12" Dia. CMP and the 52LF of 18" Dia. CMP. Note: The labor hours and the equipment hours do not match because there was 12 hours of labor without equipment and 12.5 hours of trailer time to transport the equipment. SITE #1: 1a) Replaced: 5 Logs (Check Dam) 1c) Repaired: 5 Sections @ 10 Ft per Section Guiderail 1i) Cleaned and shaped ditch: 100LF SITE #2: 2e) Replace and install 12" Dia CMP: 50 LF (See HMP) 2f) Replace and install 18" Dia CMP: 52 LF (See HMP) Applicant to use force account labor, equipment, materials and contracting services to complete the work listed below. Applicant intends to scarify the intersection and the road to a depth of 4", reclaim the material and add 2" of base aggregated, use contracting services to finish with 2" of Type 6 Top. Project specialist used RS Means, FEMA cost codes and contractor quote (Cunt Bi Price or Asphalt In Place) were used to calculate "To Be Completed" unit prices. SITE #1: 1a) Replace and install: 5 Logs (Check Dam) 1b) Replace and install Laid Up Wall: 15LF x 3FT Wide x 4.75FT

High = 8 CY 1d) Scarify: 333.3SY = 60LF x 50LF wide 1d) Replace and compact Item 4 gravel road base: 60LF x 50LF wide x 0.167FT deep = 18.6 CY 1e) Replace and Compact Bituminous Concrete road surface: 60LF x 50LF wide x 0.167FT deep =

18.6 CY 1f) Scarify: 222.2 SY = 100LF x 20FT wide 1f) Replace and compact Item 4 gravel road base: 100LF x 20FT wide x 0.167FT deep = 12.4 CY 1g) Replace and compact Bituminous Concrete road surface: 100LF x 20FT wide x 0.167FT deep =

12.4 CY 1h) Replace and compact Item 4 gravel shoulders: 100LF x 3 FT wide x 0.34 deep = 3.8 CY 1i) Replace Rip Rap in Ditches: 100LF x 2FT Wide x .5 Thick = 3.7CY SITE #2: 2a) Scarify 994 SY = 497LF x 18FT Wide 2a) Replace and compact

Item 4 gravel road base: 497LF x 18FT Wide x 0.167FT Deep = 55.3CY 2b) Replace and compact Bituminous Concrete road surface: 497LF x 18FT Wide x 0.167FT Deep = 55.3CY 2c) Ditch cleaning and shaping: 397LF 2d) Replace Rip Rap in ditches:

25LF x 3LF wide x 0.50FT thick = 1.4 CY Stone lined 2e) Replace and compact Item 4 Shoulder= 497LF x 3FT wide x 0.34 FT deep = 18.8 Cy SITE #3: 3a) Replace and compact Item 4 gravel shoulders: 140LF x 3FT wide x 0.34FT deep = 5.3 CY 3b)

Scarify: 311.1 SY = 140LF x 20LF Wide 3b) Replace and compact Item 4 gravel road base: 140LF x 20LF Wide x 0.167FT deep = 17.3CY 3c) Replace and compact Bituminous Concrete road surface: 140LF x 20LF Wide x 0.167FT deep = 17.3

477DR3HZ-12 Byrne Road PA-02-NY-4020-PW-07191 PA-02-NY-4020-State-0083(82)

The applicant will use force account labor and equipment to repair the damages on Byrne Road. The following is a listing of repairs to bring the facility to pre-disaster conditions. 1. Applicant will install rip-rap minimum 18 IN thickness, machine placed along 10 FT x 5 FT x 5FT = 5.56 SY and 20 FT x 10 FT x 5 FT = 22.22 SY of the abutment. 2. Applicant will install rip rap along the abutment under the bridge 24 FT x 4 FT x 4 FT x 2 (sides) = 21.33 SY See attached estimate from RS Means for the scope of work. Price is \$99.50/SY x 49.11 SY = \$4,886.45

477DR3IA-12 Platte Clove Mountain Road Bridge Over Platte Kill Creek PA-02-NY-4020-PW-07391 PA-02-NY-4020-State-0084(83)

Bridge repair is estimated utilizing NYSDOT weighted average item price report, which is derived from historic contracted costs. Also RSMeans was utilized as applicable.

In order to restore the facility to its pre-disaster condition, function, and capacity, generally, the Applicant will have to dewater the area around the east abutment and east wingwalls with minimal impact to the stream, construct form work and pour a narrow concrete knee wall as well as concurrently placing concrete into the existing undermined sections of the abutment and wingwalls.

Below is a summary of the work to be performed:

1. Dewater the area around the east abutment and east wingwalls.

5 days x \$258.00/day = \$1,290.00 (reference: CSI# 3123 1920 0650).

2. Construct temporary silt fence, approximately 100 ft around the work area to minimize sediments migrations into the stream. 100 lf x \$10.0/lf= \$100.0 (Reference: NYSDOT - 209.02000010)

3. Cleanup the scour areas around and beneath the abutment stem and wingwalls by excavating, removal and disposal of the unclassified material, in preparation for forming, approximately 5.5 cy. (50 ft L x 2 ft W x 1.5 ft avg. depth/27 = 5.5 CY)

5.5 cy x \$39.07/cy = \$214.90 (Reference: NYSDOT - 203.2)

4. Drilling and grouting bolts or reinforced pins. All bolts/pins imbedded in the existing abutment footing should

Applicant used 96 hours of force account labor, 50 hours force account equipment, and materials (36" CMP, 60.11 tons of Scalpings ,and 50 lb of contractors mix) to repair the displaced road subbase, replace the 36" pipe, and repair the Laid up Wall. 1) Replaced and Installed 36" Dia. Corrugated Metal Pipe: 40 LF 2) Placed and Compacted road subbase: 22.22 CY (20LF x 6FT wide x 5 ft deep) 3) Replaced Laid Up Wall: 8.89CY (20 LF x 6 FT deep x 2 FT Thick) Applicant to use force account labor, equipment, materials and contracting services to scarify 2,917.78 SY (1313 LF x 20 FT Wide/9) of the Bituminous Concrete Overlay Road surface and place and compact 243.15 CY of overlay on the road surface. 4a) Scarify the Bituminous Concrete Overlay Road: 2,917.78 SY (1313 LF x 20 FT Wide/9) 4b) Place and compact Displaced Bituminous Concrete Overlay Road: 243.15 CY (1313 LF x 20 FT Wide x 0.25 FT Deep Project specialist used RS Means, FEMA cost codes and contractor quotes (County Bid Price for Asphalt in Place) were used to calculate "To Be Completed" unit prices.

477DR31F-12 Glen Park Road PA-02-NY-4020-PW-07842 PA-02-NY-4020-State-0091(90)

Applicant to scarify 1,640 SY of the Bituminous Concrete Overlay Road surface, apply 1640 SY of tack coat, place and compact 136.68 CY of overlay on the road surface and place and compact 9.44 CY of item 4 on the shoulders. 1a) Scarify the Bituminous Concrete Overlay Road on the north side of the bridge: 333.33 SY - 150 LF x 20 FT Wide/9) 1b) Place 0.05 gallons per SY of Tack Coat on the Bituminous Concrete Overlay Road on the north side of the bridge: 333.33 SY - (150 LF x 20 FT Wide/9) 1c) Place and compact Displaced Bituminous Concrete Overlay Road: 27.78 CY - (150 LF x 20 FT Wide x 0.25 FT Deep/27) 2a) Scarify the Bituminous Concrete Overlay Road on the south side of the bridge: 1,306.67 SY - (588LF x 20 FT Wide/9) 2b) Place 0.05 gallons per SY of Tack Coat on the Bituminous Concrete Overlay Road on the south side of the bridge: 1,306.67 SY - (588LF x 20 FT Wide/9) 2c) Place and compact Displaced Bituminous Concrete Overlay Road: 108.9 CY - (588 LF x 20 FT Wide x 0.25 FT deep /27) 3) Replace and compact Item 4 gravel on the shoulders: 9.44 CY - (500 LF x 1.5 FT Wide x 0.34 x 0.34/27)

477DR31G-12 Byrne Road PA-02-NY-4020-PW-07195 PA-02-NY-4020-State-0109(108)

The applicant will use force account labor and equipment to repair the damages at the wall and culvert on Byrne Road. The following is a listing of repairs to bring the facility to pre-disaster conditions. 1. Applicant will install sandbags and a dewatering pump to block the entire work area. 2. Applicant will repair hand laid stone wall that was washed out and destroyed 52 FT x 4 FT x 3 FT = 624 CF 3. Applicant will repair hand laid stone culvert in (8) sections 2 FT x 2 FT x 1.5 FT = 48 CF. This will require applicant to remove teakwood over the culvert 22 FT x 8 FT and the Teak wood under the pavement for access. Teak wood is 3 IN x 3 IN. Applicant will install a steel plate 10 FT x 10 FT on one side of the crossing while working on the other side so as to allow traffic as there is no other egress. Applicant will install signs and barricades for crossing. After repairs, applicant will re-lay Teak wood and repave culvert area. 4. Applicant will repave road in places that were scoured and culvert repair section 140 FT x 22 FT x 2 IN = 114.07 SY

477DR31H-12 Plateau Mountain Road PA-02-NY-4020-PW-08651 PA-02-NY-4020-State-0116(116)

Applicant to use Force Account Labor, Equipment and contracting services to replace the 42" x 29" Arch pipe, replace the 24" CMP, place large rocks on the embankment, place laid up rocks on the headwalls, replace the gabion baskets, and place 4" of asphalt on the road. 6) Eroded and Displaced stone headwall: 0.89 CY (4LF x 4 FT High x 1.5 FT Deep) 7) Replace and Install gabion baskets: 2 each @ 3x3x9 each = 3 CY each = 6 CY

A) Remove gabion baskets: 2 each @ 3CY each : TOTAL of 6 CY (3' x3' x9')

B) Replace gabion baskets: 2 each @ 3CY each : TOTAL of 6 CY (3' x3' x9') 8) Replace and install: Embankment: 59.26 CY (40LF x 8 FT high x 5 FT deep) 9) Replace and install stone headwall (Inlet): 16.67 CY (30LF x 10FT High x 1.5 FT Deep) 10) Replace and install stone headwall (Outlet): 2.78 CY (10LF x 5FT High x 1.5 FT Deep)

477DR31K-12 Diamond Notch Road PA-02-NY-4020-PW-09017 PA-02-NY-4020-State-0131(131)

Applicant used 383.5 hours force account labor, 354.5 hours force account equipment, materials (70 Tons Crusher Run) and contracting services (Kevin Thompson Excavating) and rentals (Haines Falls Rental) in order to bring Diamond Notch Road back to pre-disaster condition.

Site #1:

1c) Replace and compact Item 4 Gravel bridge approach: 3.21 CY (5 FT x 16FT wide x 1.082 FT deep)

1d) Replace and compact Item 4 Gravel Turn round: 46 CY (35LF x 25FT Wide x 1.42 FT Deep)

Site #2:

2b) Replace and compact Item 4 Gravel Shoulder: 18.5 CY (400LF x 5FT Wide x 0.25 FT Deep)

2c) Clean and reshape Ditches: 400LF

2d) Replace and install 18" Dia.CMP: 60LF

2e) Replace and install 21" x 15" Dia. CMP: 40LF

Site # 1:

1a) Place and compact Bituminous Concrete Overlay Road: 25.96CY (75LF x 16FT Wide x 0.584 FT Deep)

1. Removal of Pavement: 133.33 SY (75 LF x 16 FT Wide/9)

2. Place and compact aggregate base: 11.11 CY (75LF x 16FT Wide x 0.25 FT Deep)

3. Place and Compact Bituminous Concrete Overlay Road: 14.84 CY(75LF x 16FT W x 0.334 FT D)

1b) Place and compact Bituminous Concrete Overlay Road : 18.17CY

&bp; (60LF x 14 FT Wide x 0.584 FT Deep)

1. Removal of Pavement: 93.33 SY (60 LF x 14 FT Wide/9)

2. Place and compact aggregate base: 7.78 CY(60LF x 14 FT Wide x 0.25 FT Deep)

93.33 SY (60 LF x 14 FT Wide/9)

3. Place and Compact Bituminous Concrete Overlay Road: 10.39 CY (60LF x 14 FT W x 0.334 FT D)

93.33 SY (60 LF x 14 FT Wide/9)

1c) Replace and compact bridge approach: 0.99 CY (5 LF x 16 FT W x 0.334 FT D

8.89 SY (5 LF x 16 FT Wide/9)

1e) Furnish and Install 6" Dia. NPT Steel Pipe Dry Hydrant: 56 LF

1f) Furnish and Install Dry Hydrant Assembly: 1 each

Site #2:

2a) Place and Compact Bituminous Concrete Overlay Road: 155.73 CY

(400LF x 18FT Wide x 0.584 FT Deep)

1. Removal of Pavement: 800 SY (400 LF x 18 FT Wide/9)

2. Place and compact aggregate base: 66.67 CY (400LF x 18FT Wide x 0.25 FT Deep)

800 SY (400 LF x 18 FT Wide/9)

3. Place and Compact Bituminous Concrete Overlay Road: 89.07 CY (400LF x 18FT W x 0.334 FT D)

800 SY (400 LF x 18 FT Wide/9)

477DR31L-12 Glen Park Road PA-02-NY-4020-PW-09085 PA-02-NY-4020-State-0125(125)

Given the extent of the storm-related damages, the damaged elements of the culvert, approaches, and

roadway must be replaced in order to return the facility to pre-disaster conditions. This includes the culvert pipes, dry stacked rock, aggregate road base, asphalt surface material on the culvert crossing, guide rail, and the asphalt surface material and aggregate base material comprising the roadway adjacent to the bridge. The FEMA project specialist has developed an estimate of the repair costs using CostWorks 2012 software as well as a local price from invoice # 7507993 RI billed to the town by Chemung Supply for a 57-inch x 38-inch 12 gauge CMP culvert pipe. It was necessary to perform a CEF on this project due to the total overall repair costs. A copy of a bridge inspection report conducted on 4/6/2011 was provided by the town. This was used in conjunction with field data in preparing the repair estimate. In order to enable and facilitate repair construction for this facility, it will be necessary to de-water the construction site. The dewatering method applied by the project specialist consists of installing a cofferdam upstream of the construction site and using a pump to bypass water around the construction site. During the meeting and site visit conducted with the applicant, it was indicated that construction was not planned until the spring, when there are typically high flow levels in local streams associated with regional snowmelt.

SCOPE OF WORK (CONTINUED): In order to restore the damaged facility to its' pre-disaster condition, the following items must be replaced:

- Two (2) 20 linear-foot segments of 60-inch diameter CMP pipes,
- Four (4) end sections of 60-inch diameter CMP pipe,
- Twenty (20) linear-feet of 57-inch x 38-inch 12 Gauge CMP pipe,
- 112 linear-feet of Steel Guide Rail, 50 FT long x 1 FT wide x 15 FT high volume of Dry Stacked Stone (each side of bridge) less the volume of the culvert pipes,
- 56 FT long x 20 FT wide x 14.5 FT high volume of Aggregate Road Base Material,
- 56 FT x 20 FT area of 3-inch thick Asphalt Binder Layer,
- 56 FT x 20 FT area of 3-inch thick Asphalt Surface Layer.

CALCULATIONS: The calculations that were performed in quantifying the repair costs are as follows:

REPLACEMENT OF CULVERT BATTERY: - Twenty (20) Linear Feet (LF) of 60-inch diameter Corrugated Metal Pipe (CMP) x 2 = 40 LF total - Four (4) end sections of 60-inch diameter Corrugated Metal Pipe - Twenty (20) LF of 57-inch x 38-inch 12 Gauge CMP (Taken from invoice # 7507993 RI from Chemung Supply) - 56 LF of Guide Rail on each side of the culvert and approach span x 2 = 112 LF total - 50 FT long x 1 FT wide x 15 FT high volume of Dry Stacked Stone = 1,500 CF total (less the total volume of the culvert pipes) Total volume of the culvert pipes = $3.14 \times (5 \text{ FT}^2) \times 1 \text{ FT} = 3.14 \times 25 \text{ CF} = 78.5 \text{ CF} \times 6 = 471.2 \text{ CF}$. 1,500 CF - 471.2 CF = 1,028.8 CF total Dry Stacked Stone - 56 FT long x 20 FT wide x 14.5 FT high volume of Aggregate Road Base Material = $16,240 \text{ CF} / 27 = 601.5 \text{ CY}$ total - 56 FT long x 20 FT wide area of 3-inch thick Asphalt Binder Layer = $1,120 \text{ SF} / 9 = 124.4 \text{ SY}$ total - 56 FT long x 20 FT wide area of 3-inch thick Asphalt Surface Layer = $1,120 \text{ SF} / 9 = 124.4 \text{ SY}$ total - Temporary Cofferdam 56 FT long x 5 FT high = 280 SF total - Dewatering (use of 4-inch pump to dewater work site, assuming a three week project schedule) = 15 days

REMOVAL OF TEMPORARY DETOUR: - Excavation, loading, and hauling of fill material used for temporary detour = 750 CY - Removal of dry stacked rock material/pre-cast concrete support material = 83.33 CY These quantities were used in conjunction with R.S. Means 2012 unit cost data to provide unit costs for the repair work. Each of these items was included as Part A of the CEF. See attached CEF for further discussion of contingency factors applied to this specific project. Note: The scope of work will include all elements necessary to restore this facility back to pre-disaster condition. Fema Cost Codes were used to perform this project worksheet.

477DR3IM-12 Scribner Hollow Road, Platt Cove Mountain Road and Josh Road PA-02-NY-4020-PW-09005 PA-02-NY-4020-State-0130(130)

Site #1: The applicant used 155 Force Account labor hours, 119 Force Account equipment hours and materials (Light Stone Fill, Crusher Run, Scalpings and 2" x 15" CMP) to placed Item 4 gravel on the shoulders, reshaped and placed rip rap in the ditches, placed heavy stone on the headwalls, replaced 18" CMP with 21 x 15 arch CAP from stock.

Site #2: The applicant used 395 Force Account labor hours, 318.5 Force Account equipment hours and rentals (SK115 Excavator) to clean and reshape 600 LF ditches, salvaged the rocks from further downstream and hand placed 200 LF of laid up rock embankment wall.

Site #3: The applicant used 152 Force Account labor hours, 141 Force Account equipment hours, and materials (19.58 Tons Type 6 Top and 52 LF 42" x 29" Arch CAP) to place Item 4 gravel in the shoulders, clean and reshape the ditches, and placed 52LF of 42" x 29" Arch pipe (from stock).

Site #1: Scribner Hollow Road: GPS 42.21737, -74.19005 beginning of damaged section of road

1b) Replace and compact item 4 gravel road shoulder: 23.06 CY (415LF x 3 FT Wide x 0.5 FT Deep)

1c) Cleaning & Reshaping Item 4 gravel lined ditch: 415 LF

1d) Replace and compact Item 4 gravel in the ditches: 7.69 CY (415 LF x 2 FT Wide x 0.25 FT Thick)

GPS Location: 42.21571, -74.19091 (1e-f) 1e) Replace and install 18" CMP: 20 LF 1f) Replace and install heavy stone riprap headwall: 3.6 CY (16 LF x 4 FT High x 1.5 FT Deep)

GPS Location: 42.21793, -74.18977 (1j) 1j) Replace and install embankment protection laid up stone wall: 4.4 CY (15 LF x 4 FT High x 2 FT Thick)

Site #2: Platt Cove Road: GPS 42.12653, -74.07095

2b) Cleaning & Reshaping ditch: 600 LF

2c) Eroded and displaced laid up rock embankment: 59.26 CY (200 LF x 4 FT High x 2 FT Thick)

Site #3: Josh Road:

Beginning of damaged section of road GPS Coordinates: 42.13650, -74.09407 End of damaged section of road GPS coordinates: 42.13749, -74.09348

3b) Replace and compact section of Bituminous Overlay Road: 13.89 CY (75LF x 20 FT Wide x 0.25 deep) 3c) Replace and compact item 4 aggregated base: 18.56 CY (75LF x 20 FT Wide x 0.334 deep 3d) Cleaning & Reshaping Slope stone lined Ditch: 400 LF Ditch 22.2 CY Slope Stone (400LF x 3 FT Wide x 0.5 FT Thick) 3e) Replace and compact item 4 road shoulder: 9.9 CY (400 LF x 2 FT Wide x 0.334 FT Deep) 3f) Replace and install 36" Dia. Corrugated Metal Pipe: 52LF

Site #1: Scribner Hollow Road: GPS 42.21737, -74.19005 beginning of damaged section of road

1a) Replace and compact Bituminous Concrete Overlay Road: 26.88 CY (415 LF x 3 FT Wide x 0.583 Deep) 1b) Replace and compact item 4 gravel road shoulder: 11.53 CY (415LF x 3 FT Wide x 0.25 FT Deep) 1g) Replace and install 60" Dia. CMP: 20LF 1h) Replace and install laid up rock headwall inlet side: 3.9 CY (10LF x 7FT High x 1.5 FT Deep) 1i) Replace and install laid up rock headwall outlet side: 3.9 CY (10LF x 7FT High x 1.5 FT Deep) Site #2: Platt Cove Road: GPS 42.12653, -74.07095

2a) Replace and compact Bituminous Concrete Overlay

Road: 148.2 CY (600LF x 20 FT Wide x 0.334 FT Deep) 2d) Replace and install 18" Dia. Corrugated Metal Pipe: 32LF 2e)
Replace and install laid up rock Retaining Wall: 11.9 CY (40 LF x 4 FT High x 2 FT Thick) 2f) Replace and install laid up rock
headwall: 0.70 CY (4LF x 3FT High x 1.5 FT Deep) Site #3: Josh Road: Beginning of damaged section of road GPS
Coordinates: 42.13650, -74.09407 End of damaged section of road GPS coordinates: 42.13749, -74.09348 3a) Replace and
compact Bituminous Overlay Road: 74.07 CY (400LF x 20 FT Wide x 0.25 Deep)

Location Description:

Town Wide

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	477DR56A-12
Activity Title:	Debris Removal

Activity Category:

Debris removal

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Village of Athens

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$2,345.69
Total Budget	\$0.00	\$2,345.69
Total Obligated	\$0.00	\$2,345.69
Total Funds Drawdown	\$0.00	\$2,345.69
Program Funds Drawdown	\$0.00	\$2,345.69
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$2,345.69
Village of Athens	\$0.00	\$2,345.69
Most Impacted and Distressed Expended	\$0.00	\$2,345.69
Match Contributed	\$0.00	\$0.00

Activity Description:

477DR30-12 PA-02-NY-4020-PW-03755 PA-02-NY-4020-State-0036(35)

The applicant used 130 regular (not eligible) and 25 overtime hours of force account labor and 132.5 equipment hours to remove debris from the roads and from the Village right-of-way.

Mixed Household Waste Debris GPS 42.23762, -73.85543

1a) Collected, hauled and disposed of mixed household waste debris: 40 CY.

1b) The applicant incurred \$159.60 dollars in disposal fees for two loads of debris disposed of and interred in the landfill facilities at the Greene County Solid Waste Management facility at 183 Route 385 in Catskill. Subsequent loads were not charged for disposal fees.

Vegetative Debris GPS 42.25860, -73.81538

2a) Collected and hauled branch debris: 623 CY.

2b) Collected and hauled logs and trunk debris: 53 CY.

676 CY of total vegetative debris was moved to the municipal debris pile at the Village recycling and brush drop off-site on South Washington Street.

The applicant intends to hire a contractor to chip the vegetative woody debris piles in the Spring. The applicant has provided a unit price estimate from Wood Waste Reduction Services for tub grinding at \$7.00/CY. The Irene debris is estimated at 716 CY x \$7.00 = \$5,012.00 for grinding. The applicant does not intend to move the wood chips, but instead to leave them in place as free mulch available to residents. No hauling or disposal costs are anticipated.

Location Description:

Village Wide

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	477DR639A-12
Activity Title:	Debris Removal

Activity Category:

Debris removal

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Town of Lexington

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$3,321.90
Total Budget	\$0.00	\$3,321.90
Total Obligated	\$0.00	\$3,321.90
Total Funds Drawdown	\$0.00	\$3,321.90
Program Funds Drawdown	\$0.00	\$3,321.90
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$3,321.90
Town of Lexington	\$0.00	\$3,321.90
Most Impacted and Distressed Expended	\$0.00	\$3,321.90
Match Contributed	\$0.00	\$0.00

Activity Description:

The applicant used 181 hours of force account regular time (regular time not eligible - ref. FEMA PA Guide 322/June 2007 pg 42), 16.5 hours of force account overtime, and 177 hours of equipment to collect, haul, and dispose of 169.47 tons of mixed solid waste. During the opening days of the disaster, Ashland was registered as a temporary transfer station site with NYSDEC (permit #20T30). The Lexington DPW delivered 10 loads each of 10 CY and 14 CY loads {(10 x 10 CY) 100 CY + (10 x 14 CY) 140 CY = 240 CY x 0.5 = 120 ton} to this temporary site in Ashland. The additional 49.47 ton was delivered directly to the Greene County Solid Waste Management (Hylan Road, Hunter, NY. 12442). For disposal of the Ashland site, Greene County used it's existing contract with New England Waste Services (attached). The waste was transported to and disposed at the Ontario County Landfill which is a NYSDEC permitted landfill. All vegetative debris was chipped on site and none was transported out of the town.
\$13,133.52 / 169.47 Ton = \$77.49 / Ton

Location Description:

Town Wide

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	477DR639B-12
Activity Title:	Bush Road Extension

Activity Category:

Construction/reconstruction of streets

Project Number:

477DR3-12

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

Greene County

Projected End Date:

07/24/2015

Completed Activity Actual End Date:
Responsible Organization:

Town of Lexington

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$1,873.61
Total Budget	\$0.00	\$1,873.61
Total Obligated	\$0.00	\$1,873.61
Total Funds Drawdown	\$0.00	\$1,873.61
Program Funds Drawdown	\$0.00	\$1,873.61
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$1,873.61
Town of Lexington	\$0.00	\$1,873.61
Most Impacted and Distressed Expended	\$0.00	\$1,873.61
Match Contributed	\$0.00	\$0.00

Activity Description:

The applicant used 51 hours of force account regular time (regular time not eligible - FEMA PA Guide 322 / May 2007 pg 42), 51 hours of force account equipment and materials (gravel & stone) to assist Greene County DPW in resurrect the old detour known as the Bush Road Extension to provide egress to the residents of Van Road until which time the bridge is rebuilt The applicant contracted with ER Excavation for labor and equipment necessary to complete the repairs and make the road passable. Bush Road Extension GPS 42.23494, -74.34286 (start); 42.23387, -74.34718 (end)

- 1) Replace and compact Item 4 road surface: 425 FT Long x 16 FT Wide x 0.32 FT Thick / 27 = 80.6 CY x 1.6 = 128.9 Ton
- 2) Replace and compact Light Stone Fill shoulder 35 FT Long x 9 FT Wide x 0.75 FT Thick / 27 = 8.8 CY x 1.6 = 14.08 Ton
- 3) Supply and stack Unclassified Fill embankment 15 FT Long x 5 FT Wide x 1.69 FT Thick / 27 = 4.7 CY x 1.9 = 8.9 Ton

In place of unclassified gravel for the embankment repair, the applicant elected to repair with Stackable Stone as a least cost / good construction practice repair of rebuilding the damaged embankment

Location Description:

Bush Road Extension

Activity Progress Narrative:

This activity is complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Project # / Admin / Administration

Grantee Activity Number:	IL-Admin
Activity Title:	Administration

Activity Category:

Administration

Project Number:

Admin

Projected Start Date:

07/27/2012

Benefit Type:

()

National Objective:

N/A

Activity Status:

Under Way

Project Title:

Administration

Projected End Date:

09/30/2022

Completed Activity Actual End Date:**Responsible Organization:**

New York State

Overall

Total Projected Budget from All Sources

Oct 1 thru Dec 31, 2019

N/A

To Date

\$300,000.00

Total Budget

\$0.00

\$300,000.00

Total Obligated

\$0.00

\$7,945.48

Total Funds Drawdown

\$0.00

\$4,056.87

Program Funds Drawdown

\$0.00

\$4,056.87

Program Income Drawdown

\$0.00

\$0.00

Program Income Received

\$0.00

\$0.00



Total Funds Expended	(\$3,888.61)	\$4,056.87
New York State	(\$3,888.61)	\$4,056.87
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

The Governors Office of Storm Recovery (GOSR) of the Housing Trust Fund Corporation has continued to support the necessary staff resources to administer the CDBG-DR program for New York State. GOSRs activities include general management, oversight, monitoring, and coordination of planning activities and programs. Additionally, GOSR expenditures included payments for payroll, taxes and insurance, travel, monitoring, and other related costs. GOSR also covers the costs of facilities, office supplies, and equipment through administrative funds.

Location Description:

Areas impacted by Hurricane Irene and Tropical Storm Lee.

Activity Progress Narrative:

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources	Amount
No Other Funding Sources Found	
Total Other Funding Sources	

Project # / ComRecon / Community Reconstruction

Grantee Activity Number:	IL-CR-BlenheimMuni-AQPF-LMI
Activity Title:	BlenheimMuni CR

Activity Category:

Acquisition, construction, reconstruction of public facilities

Project Number:

ComRecon

Projected Start Date:

12/31/2017

Benefit Type:

Area ()

National Objective:

Low/Mod

Activity Status:

Under Way

Project Title:

Community Reconstruction

Projected End Date:

12/31/2019

Completed Activity Actual End Date:

Responsible Organization:

Schoharie County



Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$1,743,292.88
Total Budget	\$500,000.00	\$1,743,292.88
Total Obligated	\$491,137.52	\$1,084,430.40
Total Funds Drawdown	\$517,902.82	\$1,084,430.40
Program Funds Drawdown	\$517,902.82	\$1,084,430.40
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$515,264.26	\$1,080,210.54
Schoharie County	\$515,264.26	\$1,080,210.54
Most Impacted and Distressed Expended	\$515,264.26	\$1,080,210.54
Match Contributed	\$0.00	\$0.00

Activity Description:

The County of Schoharie is requesting funding to design and construct a Municipal Complex for the Town of Blenheim. This project would house the Fire Department, Emergency Operation Center (EOC), Town Hall, Highway Department and an emergency shelter. The building would be constructed outside of the flood plain in a centralized location. At least one property will be acquired to complete this activity.

Location Description:

Census Tract 740600 (Block group 2)

Activity Progress Narrative:

During the quarter, GOSR reviewed and processed monthly invoices, along with change orders. Bi-weekly meetings were held and attended to review progress and to support the construction process. In addition, GOSR worked closely with the Town of Blenheim and Schoharie County to minimize change order impacts. The majority of the work involved the completion of the exterior framing of the highway garage floor drain, and electrical rough in to the building. The metal roof and cupolas were installed, and all the doors except four man doors and windows were installed as well as the garage door openers and their electric wiring. The Fire Station exterior framing was completed, and a membrane was installed on the roof in preparation for the metal roof installation. The floor drains were installed, and the cupolas were placed in the roof. The town hall building wall framing was begun and three walls were erected. The site work was continued, and the underground main electrical service was run to the utility pole from national grid. The propane tanks were buried, and the gas line roughed in to the three buildings. The well was installed and minor site grading performed. The budget for this activity was revised.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources	Amount
No Other Funding Sources Found	
Total Other Funding Sources	



Grantee Activity Number:	IL-CR-CentralEndicottDrainageImprvmnts-PI-LMI
Activity Title:	CentralEndicottDrainageImprvmnts CR

Activity Category:

Rehabilitation/reconstruction of a public improvement

Project Number:

ComRecon

Projected Start Date:

12/31/2017

Benefit Type:

Area ()

National Objective:

Low/Mod

Activity Status:

Under Way

Project Title:

Community Reconstruction

Projected End Date:

12/31/2019

Completed Activity Actual End Date:
Responsible Organization:

Village of Endicott

Overall
Total Projected Budget from All Sources
Oct 1 thru Dec 31, 2019

N/A

To Date

\$1,547,256.17

Total Budget

\$497,256.17

\$1,547,256.17

Total Obligated

\$880,219.59

\$941,403.02

Total Funds Drawdown

\$880,219.59

\$941,403.02

Program Funds Drawdown

\$880,219.59

\$941,403.02

Program Income Drawdown

\$0.00

\$0.00

Program Income Received

\$0.00

\$0.00

Total Funds Expended

\$878,819.81

\$937,256.17

Village of Endicott

\$878,819.81

\$937,256.17

Most Impacted and Distressed Expended

\$878,819.81

\$937,256.17

Match Contributed

\$0.00

\$0.00

Activity Description:

This project will mitigate the flooding risks of the Village by providing an adequate stormwater management system. Improvements include the relocation of 950 ft of 24" diameter storm sewer, installation of 4 manholes and 14 underground stormwater retention systems.

Location Description:

The Village of Endicott in Broome County. The GEOIDS for the project include 360070134001, 360070135003, 360070136003, 360070134005, 360070134006

Activity Progress Narrative:

Construction continued on this project and two invoices were submitted to project engineer for review and approval. The two invoices were approved by project engineer and then so by GOSR staff. The project surpassed 75 percent completion during this past quarter. The budget for this activity was revised.

Accomplishments Performance Measures
No Accomplishments Performance Measures


Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	IL-CR-ConklinWellnessCommunityCtr-PF-UN
Activity Title:	ConklinWellnessCommunityCtr CR

Activity Category:

Rehabilitation/reconstruction of public facilities

Project Number:

ComRecon

Projected Start Date:

07/27/2012

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Under Way

Project Title:

Community Reconstruction

Projected End Date:

09/30/2022

Completed Activity Actual End Date:
Responsible Organization:

Town of Conklin

Overall
Total Projected Budget from All Sources
Oct 1 thru Dec 31, 2019

N/A

To Date

\$496,206.22

Total Budget

\$0.00

\$496,206.22

Total Obligated

\$6,027.91

\$256,806.26

Total Funds Drawdown

\$6,027.91

\$256,806.26

Program Funds Drawdown

\$6,027.91

\$256,806.26

Program Income Drawdown

\$0.00

\$0.00

Program Income Received

\$0.00

\$0.00

Total Funds Expended

\$6,690.62

\$256,669.65

Town of Conklin

\$6,690.62

\$256,669.65

Most Impacted and Distressed Expended

\$6,690.62

\$256,669.65

Match Contributed

\$0.00

\$0.00

Activity Description:

The Wellness and Community Center project will provide funding for the design and construction of a Wellness Center, which will provide space for such needed services as a Community Center, Daycare Facility, and Medical Facility outside of the floodplain within the Town of Conklin.

Location Description:

The Town of Conklin, in Broome County. The GEOIDS for this project include 360070127011, 360070127012, 360070127013, 360070127014, 360070127015.

Activity Progress Narrative:

During the quarter, GOSR reviewed and processed monthly invoices, worked closely with the town of Conklin to identify funding sources to cover the existing bid for construction.

Accomplishments Performance Measures
No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	IL-CR-CriticalFacilitiesFldMitigation-PF-UN
Activity Title:	CriticalFacilitiesFldMitigation CR

Activity Category:

Rehabilitation/reconstruction of public facilities

Project Number:

ComRecon

Projected Start Date:

12/31/2017

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Under Way

Project Title:

Community Reconstruction

Projected End Date:

09/30/2022

Completed Activity Actual End Date:
Responsible Organization:

Town of Blooming Grove

Overall
Total Projected Budget from All Sources
Oct 1 thru Dec 31, 2019

N/A

To Date

\$1,543,812.26

Total Budget

\$814,994.81

\$1,543,812.26

Total Obligated

\$802,312.36

\$1,004,007.59

Total Funds Drawdown

\$802,312.36

\$1,004,007.59

Program Funds Drawdown

\$802,312.36

\$1,004,007.59

Program Income Drawdown

\$0.00

\$0.00

Program Income Received

\$0.00

\$0.00

Total Funds Expended

\$734,687.93

\$935,450.63

Town of Blooming Grove

\$734,687.93

\$935,450.63

Most Impacted and Distressed Expended

\$734,687.93

\$935,450.63

Match Contributed

\$0.00

\$0.00

Activity Description:

This activity involves the installation of improvements to strengthen three critical facilities in the Town of Blooming Grove. The Tappan Wastewater Treatment Plant improvements will include the installation of concrete floodwalls and barriers. The Salisbury Mills Fire Company Headquarters improvements will include elevating critical equipment above the base flood elevation. The Village of South Blooming Grove Sewer Pump Station improvements will include the installation of gaskets to seal vents and doors.

Location Description:

The Town of Blooming Grove, NY

Activity Progress Narrative:

During this quarter, the construction contractor submitted for work at the Firehouse location including meetings, earth work including excavation for flood walls, sump pits, trucking, concrete pads, framing and roofing materials. They also submitted for work at the Tappan Hill site which includes work for mobilization, utility markup, demolition, excavation for flood walls, back fill of walls and building. The engineer invoiced for review of shop drawings and submittals, construction progress meetings, construction inspection and permit coordination. subrecipient submitted invoices for staff time along with requisite time sheets. All invoices were reviewed and approved by GOSR. In addition the Project Manager attend bi-weekly construction progress meetings. The budget for this activity was revised.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	IL-CR-EndicottWaterSupplInter-PI-UN
Activity Title:	Water Supply Interconnection CR

Activity Category:

Rehabilitation/reconstruction of a public improvement

Project Number:

ComRecon

Projected Start Date:

12/31/2017

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Under Way

Project Title:

Community Reconstruction

Projected End Date:

12/31/2019

Completed Activity Actual End Date:
Responsible Organization:

Village of Endicott

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$397,960.81
Total Budget	\$100,000.00	\$397,960.81
Total Obligated	\$1,167.05	\$83,371.03
Total Funds Drawdown	\$1,167.05	\$83,371.03
Program Funds Drawdown	\$1,167.05	\$83,371.03
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$893.84	\$83,097.82
Village of Endicott	\$893.84	\$83,097.82
Most Impacted and Distressed Expended	\$893.84	\$83,097.82
Match Contributed	\$0.00	\$0.00

Activity Description:

This project involves installation of a water supply interconnection.

Location Description:

The Village of Endicott in Broome County. The GEOIDS for the project include: 360070130001, 360070130003, 360070130004, 360070131001, 360070131002, 360070131003, 360070132011, 360070132012, 360070132021, 360070132022, 360070132023, 360070133011, 360070133012, 360070133013, 360070133014, 360070133015, 360070133031, 360070133032, 360070133041, 360070133042, 360070133043, 360070133044, 360070133045, 360070134001, 360070134002, 360070134003, 360070134004, 360070134005, 360070134006, 360070135001, 360070135002, 360070135003, 360070136001, 360070136002, 360070136003, 360070136004, 360070136005, 360070137001, 360070137002, 360070137003.

Activity Progress Narrative:

Project closeout was ongoing during this past quarter and GOSR staff worked with the subrecipient to obtain any outstanding invoices for project delivery expenses. A follow up conference call was held with the subrecipient to discuss the final invoice for this project, which is for a reimbursable to them.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	IL-CR-EsperanceLandisArboretumShelter-PF-UN
Activity Title:	EsperanceLandisArboretumShelter CR

Activity Category:

Rehabilitation/reconstruction of public facilities

Activity Status:

Under Way

Project Number:

ComRecon

Project Title:

Community Reconstruction

Projected Start Date:

12/31/2017

Projected End Date:

09/30/2022

Benefit Type:

Area ()

Completed Activity Actual End Date:**National Objective:**

Urgent Need

Responsible Organization:

Town of Esperance

Overall**Oct 1 thru Dec 31, 2019****To Date****Total Projected Budget from All Sources**

N/A

\$415,334.94

Total Budget

\$0.00

\$415,334.94

Total Obligated

\$75,680.79

\$86,267.94

Total Funds Drawdown

\$75,680.79

\$86,267.94

Program Funds Drawdown

\$75,680.79

\$86,267.94

Program Income Drawdown

\$0.00

\$0.00

Program Income Received

\$0.00

\$0.00

Total Funds Expended

\$75,667.25

\$85,721.52

Town of Esperance

\$75,667.25

\$85,721.52

Most Impacted and Distressed Expended

\$75,667.25

\$85,721.52

Match Contributed

\$0.00

\$0.00

Activity Description:

This project will upgrade and expand the Landis Arboretum Meeting House to serve as an emergency shelter.

Location Description:

The Town of Esperance in Schoharie County. The GEOIDs for the project include: 360957401005.

Activity Progress Narrative:

During this quarter, bi-weekly construction progress meetings were held on site with the design architect, subrecipient and GOSR. There were two construction invoices that were approved by the design architect and GOSR and paid out to the contractor. The budget for this activity was revised.

Accomplishments Performance Measures**No Accomplishments Performance Measures**

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	IL-CR-FloodResiliencePublicEducation-PS-UN
Activity Title:	FloodResiliencePublicEducation CR

Activity Category:

Public services

Activity Status:

Under Way

Project Number:

ComRecon

Project Title:

Community Reconstruction

Projected Start Date:

07/27/2019

Projected End Date:

07/28/2019

Benefit Type:

Area ()

Completed Activity Actual End Date:**National Objective:**

Urgent Need

Responsible Organization:

Schoharie County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$210,000.00
Total Budget	\$0.00	\$210,000.00
Total Obligated	\$12,176.85	\$16,126.62
Total Funds Drawdown	\$12,176.85	\$16,126.62
Program Funds Drawdown	\$12,176.85	\$16,126.62
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$12,596.85	\$15,990.01
Schoharie County	\$12,596.85	\$15,990.01
Most Impacted and Distressed Expended	\$12,596.85	\$15,990.01
Match Contributed	\$0.00	\$0.00

Activity Description:

The Schoharie County Flood Resilience Public Education Campaign project will provide funding for the implementation of a public education campaign which will inform local residents and business of flood resilience strategies. This education is crucial to an overall preparation of the community in the face of future storm events, supplementing other strategic projects that are being put in place.

Location Description:

The County of Schoharie. The GEOIDS for this project include 360957401001, 360957402001, 360957403001, 360957404001, 360957405001, 360957406001, 360957407001, 360957408001, 360957401002, 360957402002, 360957404002, 360957405002, 360957406002, 360957407002, 360957408002, 360957401003, 360957402003, 360957404003, 360957405003, 360957406003, 360957407003, 360957408003, 360957401004, 360957402004, 360957404004, 360957405004, 360957406004, 360957407004, 360957408004, 360957401005, 360957402005, 360957404005, 360957407005.

Activity Progress Narrative:

The subrecipient continued to obtain quotes from vendors for the procurement of items related to this project and make micro purchases that have been approved by GOSR. An invoice was also uploaded by the subrecipient and reviewed and approved by GOSR.



Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	IL-CR-FrontStreetStormwaterSeparation-PI-LMI
Activity Title:	FrontStreetStormwaterSeparation CR

Activity Category:

Rehabilitation/reconstruction of a public improvement

Project Number:

ComRecon

Projected Start Date:

12/31/2017

Benefit Type:

Area ()

National Objective:

Low/Mod

Activity Status:

Under Way

Project Title:

Community Reconstruction

Projected End Date:

12/31/2019

Completed Activity Actual End Date:
Responsible Organization:

City of Binghamton

Overall
Total Projected Budget from All Sources
Oct 1 thru Dec 31, 2019

N/A

To Date

\$812,000.00

Total Budget

\$0.00

\$812,000.00

Total Obligated

\$3,533.08

\$523,066.54

Total Funds Drawdown

\$3,533.08

\$523,066.54

Program Funds Drawdown

\$3,533.08

\$523,066.54

Program Income Drawdown

\$0.00

\$0.00

Program Income Received

\$0.00

\$0.00

Total Funds Expended

(\$275,215.93)

\$522,793.33

City of Binghamton

(\$275,215.93)

\$522,793.33

Most Impacted and Distressed Expended

(\$275,215.93)

\$522,793.33

Match Contributed

\$0.00

\$0.00

Activity Description:

This project will consist of the removal of existing combined sewer infrastructure and replacement with separated storm and sanitary sewer systems along Front Street.

Location Description:

The City of Binghamton in Broome County. The GEOIDS for the project include 360070013001, 36007003002, 360070013002, 36007003003, 36007003004

Activity Progress Narrative:

During Q4 2019, GOSR Staff provided assistance to the contractor and their subcontractors with the required reporting and continued to reach out to the Subrecipient, Contractor and Construction Manager to collect project documents for project closeout.

Accomplishments Performance Measures
No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	IL-CR-MaysFieldDamRemoval-PI-UN
Activity Title:	MaysFieldDamRemoval CR

Activity Category:

Rehabilitation/reconstruction of a public improvement

Activity Status:

Under Way

Project Number:

ComRecon

Project Title:

Community Reconstruction

Projected Start Date:

12/31/2017

Projected End Date:

09/30/2022

Benefit Type:

Area ()

Completed Activity Actual End Date:**National Objective:**

Urgent Need

Responsible Organization:

Town of Blooming Grove

Overall**Oct 1 thru Dec 31, 2019****To Date****Total Projected Budget from All Sources**

N/A

\$220,234.66

Total Budget

\$0.00

\$220,234.66

Total Obligated

\$42,284.18

\$84,809.74

Total Funds Drawdown

\$42,284.18

\$84,809.74

Program Funds Drawdown

\$42,284.18

\$84,809.74

Program Income Drawdown

\$0.00

\$0.00

Program Income Received

\$0.00

\$0.00

Total Funds Expended

\$41,870.68

\$83,170.47

Town of Blooming Grove

\$41,870.68

\$83,170.47

Most Impacted and Distressed Expended

\$41,870.68

\$83,170.47

Match Contributed

\$0.00

\$0.00

Activity Description:

This project was identified in the Master Drainage Study as one of several areas that contribute to the flooding in the Town of Blooming Grove as well as the Villages of Washingtonville and South Blooming Grove during significant storm conditions, like those experienced during Hurricane Irene and Tropical Storm Lee. These communities are seeking to implement as many of the recommendations as are financially, environmentally, and technically feasible.

Location Description:

The Washingtonville Planning Area. GEOIDs include: 360710132013, 360710132011, 360710132014, 360710132012, 360710132022, 360710132021

Activity Progress Narrative:

During this quarter, the project engineer submitted an invoice for the permit plan, including narratives, submittal package and application submission to the NYS Department of Environmental Conservation and the US Army Corps of Engineers, as well as for initial work on bid package documents and finalization of specifications. The NYS Department of Environmental Conservation and the subconsultant to the engineer performed a site visit. Based on that visit, the engineer submitted a request for approval of additional survey and mapping. The Project Manager met with the Subrecipient and Project Beneficiary to clarify easements and documentation for obtaining easement.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	IL-CR-MonhagenBrookCulvertProj-PI-LMI
Activity Title:	MonhagenBrookCulvertProj CR

Activity Category:

Rehabilitation/reconstruction of a public improvement

Activity Status:

Under Way

Project Number:

ComRecon

Project Title:

Community Reconstruction

Projected Start Date:

12/31/2017

Projected End Date:

12/31/2019

Benefit Type:

Area ()

Completed Activity Actual End Date:**National Objective:**

Low/Mod

Responsible Organization:

City of Middletown

Overall**Oct 1 thru Dec 31, 2019****To Date****Total Projected Budget from All Sources**

N/A

\$167,500.00

Total Budget

\$0.00

\$167,500.00

Total Obligated

\$25,502.80

\$81,813.60

Total Funds Drawdown

\$25,502.80

\$81,813.60

Program Funds Drawdown

\$25,502.80

\$81,813.60

Program Income Drawdown

\$0.00

\$0.00

Program Income Received

\$0.00

\$0.00

Total Funds Expended

\$3,703.40

\$57,882.69

City of Middletown

\$3,703.40

\$57,882.69

Most Impacted and Distressed Expended

\$3,703.40

\$57,882.69

Match Contributed

\$0.00

\$0.00

Activity Description:

The City of Middletown is requesting funding for the design and construction of stormwater drainage improvements between Sterling and Genung Streets and Academy Avenue near the confluence of the Monhagen and Draper Brooks.

Location Description:

The City of Middletown in Orange County. The GEOIDS for the project include: 360710151005, 360710015001, 36071015003, 360710016001.

Activity Progress Narrative:

A change order submitted last quarter was approved by Subrecipient City Council and submitted to GOSR for final approval. GOSR approved the amendment on October 4. A second change amendment was submitted and found cost reasonable. It is being reviewed by GOSR Staff for approval. The engineer billed the Subrecipient for services related to subsurface investigations of the culvert and for design of improvements. This invoice was submitted and approved by GOSR on December 23.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	IL-CR-NicholsEmergencyPreparedness-PF-UN
Activity Title:	NicholsEmergencyPreparedness CR

Activity Category:

Rehabilitation/reconstruction of public facilities

Project Number:

ComRecon

Projected Start Date:

07/27/2019

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Under Way

Project Title:

Community Reconstruction

Projected End Date:

07/28/2019

Completed Activity Actual End Date:
Responsible Organization:

Village of Nichols

Overall
Total Projected Budget from All Sources
Oct 1 thru Dec 31, 2019

N/A

To Date

\$740,000.00

Total Budget

\$400,000.00

\$740,000.00

Total Obligated

\$68,373.38

\$298,051.12

Total Funds Drawdown

\$68,373.38

\$298,051.12

Program Funds Drawdown

\$68,373.38

\$298,051.12

Program Income Drawdown

\$0.00

\$0.00

Program Income Received

\$0.00

\$0.00

Total Funds Expended

\$176,563.51

\$293,109.04

Village of Nichols

\$176,563.51

\$293,109.04

Most Impacted and Distressed Expended

\$176,563.51

\$293,109.04

Match Contributed

\$0.00

\$0.00

Activity Description:

This activity involves the installation of a comprehensive emergency preparedness and communication system consisting of an early warning siren, a message board and two generators. The siren and a generator would be located at the Village Hall while a second generator would be located at the Village emergency shelter. A message board would be located at a central and highly visible location within the Village.

Location Description:

The Town and Village of Nichols in Tioga County. The GEOIDS for this project include 361070206005, 361070206006, 361070206007.

Activity Progress Narrative:

During the quarter, GOSR reviewed and processed monthly invoices. The construction was moved to 95 percent complete with a punch list of items to be completed developed.

Accomplishments Performance Measures
No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources



Grantee Activity Number:	IL-CR-NicholsJointFireStation-PF-UN
Activity Title:	NicholsJointFireStation CR

Activity Category:

Rehabilitation/reconstruction of public facilities

Project Number:

ComRecon

Projected Start Date:

07/27/2019

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Under Way

Project Title:

Community Reconstruction

Projected End Date:

07/28/2019

Completed Activity Actual End Date:
Responsible Organization:

Village of Nichols

Overall
Total Projected Budget from All Sources
Oct 1 thru Dec 31, 2019

N/A

To Date

\$550,000.00

Total Budget

\$0.00

\$550,000.00

Total Obligated

\$165,530.72

\$233,611.18

Total Funds Drawdown

\$165,530.72

\$233,611.18

Program Funds Drawdown

\$165,530.72

\$233,611.18

Program Income Drawdown

\$0.00

\$0.00

Program Income Received

\$0.00

\$0.00

Total Funds Expended

\$10,634.46

\$76,094.94

Village of Nichols

\$10,634.46

\$76,094.94

Most Impacted and Distressed Expended

\$10,634.46

\$76,094.94

Match Contributed

\$0.00

\$0.00

Activity Description:

The Village of Nicholas Joint Fire Station project will provide funding for the expansion of the Station to house all of the Village emergency response vehicles, provide overflow shelter space and provide meeting space, storage and office space, thus increasing the resiliency of the Station. The Joint Fire Station serves both the Town and Village of Nichols.

Location Description:

The Town and Village of Nichols in Tioga County. The GEOIDS for this project include 361070206005, 361070206006, 361070206007.

Activity Progress Narrative:

During the quarter, GOSR reviewed and processed monthly invoices for the general contractor. No work was performed by the other contractors while the site was being prepared for the footers and foundation. The budget for this activity was revised.

Accomplishments Performance Measures
No Accomplishments Performance Measures


Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources	Amount
No Other Funding Sources Found	
Total Other Funding Sources	



Grantee Activity Number:	IL-CR-PrattsvilleRegHealthFac-AQPF-UN
Activity Title:	PrattsvilleRegHealthFac CR

Activity Category:

Acquisition, construction, reconstruction of public facilities

Project Number:

ComRecon

Projected Start Date:

12/31/2017

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Under Way

Project Title:

Community Reconstruction

Projected End Date:

09/30/2022

Completed Activity Actual End Date:
Responsible Organization:

Town of Prattsville

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$134,500.00
Total Budget	\$0.00	\$134,500.00
Total Obligated	\$2,482.28	\$43,023.00
Total Funds Drawdown	\$2,482.28	\$43,023.00
Program Funds Drawdown	\$2,482.28	\$43,023.00
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$1,592.53	\$42,000.03
Town of Prattsville	\$1,592.53	\$42,000.03
Most Impacted and Distressed Expended	\$1,592.53	\$42,000.03
Match Contributed	\$0.00	\$0.00

Activity Description:

The Town of Prattsville Public Facilities project will provide the funding to build a regional health care facility at a site adjacent to Washington Street in Prattsville. The project involves acquiring three properties totaling approximately 55 acres, installing water and sewer infrastructure to the project site, building a secondary, emergency access road, and constructing a regional health care facility.

Location Description:

The region including the Town of Prattsville and surrounding counties, including Albany County, Greene County, Schoharie County, and Delaware County. The GEOIDS for the project include: 360010148022, 360010148023, 360390802021, 360390802022, 360390803001, 360390803002, 360390803003, 360390803004, 360390804011, 360390804012, 360390804013, 360390804021, 360390804022, 360390805021, 360390805022, 360957406001, 360957406002, 360957408001, 360957408002, 360957408003, 360957408004, 360259710001, 360259710003, 360259711001, 360259711002, 360259711003.

Activity Progress Narrative:

During the quarter, this project was reviewed for viability.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	IL-CR-RebuildFultonTownHall-PF-LMI
Activity Title:	RebuildFultonTownHall CR

Activity Category:

Rehabilitation/reconstruction of public facilities

Project Number:

ComRecon

Projected Start Date:

12/31/2017

Benefit Type:

Area ()

National Objective:

Low/Mod

Activity Status:

Under Way

Project Title:

Community Reconstruction

Projected End Date:

12/31/2019

Completed Activity Actual End Date:
Responsible Organization:

Schoharie County

Overall

Total Projected Budget from All Sources

Oct 1 thru Dec 31, 2019

N/A

To Date

\$368,998.34

Total Budget

\$0.00

\$368,998.34

Total Obligated

\$6,567.71

\$93,552.32

Total Funds Drawdown

\$6,567.71

\$93,552.32

Program Funds Drawdown

\$6,567.71

\$93,552.32

Program Income Drawdown

\$0.00

\$0.00

Program Income Received

\$0.00

\$0.00

Total Funds Expended

\$11,740.04

\$92,708.35

Schoharie County

\$11,740.04

\$92,708.35

Most Impacted and Distressed Expended

\$11,740.04

\$92,708.35

Match Contributed

\$0.00

\$0.00

Activity Description:

The County of Schoharie is requesting funding to design and reconstruct the Town of Fulton Municipal Complex.

Location Description:

The Town of Fulton in Schoharie County. The GEOIDS for the project include: 360957406001 and 360957406002.

Activity Progress Narrative:

During this quarter, GOSR approved an application amendment to increase the budget to cover the total costs of the proposed bid prices. The design engineer continued to work with the four selected low bidders to obtain necessary documents to obtain contract consent. A meeting was also held between GOSR, design engineer, subrecipient and project beneficiary to discuss progress on obtaining construction contracts and the proposed construction schedule for 2020.

Accomplishments Performance Measures
No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	IL-CR-RecreationImprovCrkStabilization-PF-UN
Activity Title:	RecreationImprovCrkStabilization CR

Activity Category:

Rehabilitation/reconstruction of public facilities

Project Number:

ComRecon

Projected Start Date:

12/31/2017

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Under Way

Project Title:

Community Reconstruction

Projected End Date:

12/31/2019

Completed Activity Actual End Date:
Responsible Organization:

Village of Nichols

Overall
Total Projected Budget from All Sources
Total Budget
Total Obligated
Total Funds Drawdown
Program Funds Drawdown
Program Income Drawdown
Program Income Received
Total Funds Expended

Village of Nichols

Most Impacted and Distressed Expended
Match Contributed
Oct 1 thru Dec 31, 2019

N/A

\$751,207.79

\$417,086.51

\$417,086.51

\$417,086.51

\$0.00

\$0.00

\$236,239.10

\$236,239.10

\$236,239.10

\$0.00

To Date

\$1,040,907.79

\$1,040,907.79

\$609,025.18

\$609,025.18

\$609,025.18

\$0.00

\$0.00

\$425,732.36

\$425,732.36

\$425,732.36

\$0.00

Activity Description:

This activity will include improvements to Kirby Park to repair damage to various structures within the park. Recreational improvements will be made to install lighting, trails, play areas, a pavilion, restroom facilities and resilient landscaping along with road improvements. A second component of improvement will include streambank stabilization measures along Wappasening Creek to promote a natural channel design.

Location Description:

The Town and Village of Nichols in Tioga County. The GEOIDS for this project include: 361070206006, 361070206007.

Activity Progress Narrative:

During the quarter, GOSR reviewed and processed monthly invoices. The construction was moved to 95 percent complete with a punch list of items to be completed developed.

Accomplishments Performance Measures
No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	IL-CR-RecruitVolunteerFirstResponders-PS-UN
Activity Title:	RecruitVolunteerFirstResponders CR

Activity Category:

Public services

Activity Status:

Under Way

Project Number:

ComRecon

Project Title:

Community Reconstruction

Projected Start Date:

07/27/2019

Projected End Date:

07/28/2019

Benefit Type:

Area ()

Completed Activity Actual End Date:**National Objective:**

Urgent Need

Responsible Organization:

Schoharie County

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$210,000.00
Total Budget	\$0.00	\$210,000.00
Total Obligated	\$17,271.86	\$24,913.97
Total Funds Drawdown	\$17,271.86	\$24,913.97
Program Funds Drawdown	\$17,271.86	\$24,913.97
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$17,982.03	\$24,777.36
Schoharie County	\$17,982.03	\$24,777.36
Most Impacted and Distressed Expended	\$17,982.03	\$24,777.36
Match Contributed	\$0.00	\$0.00

Activity Description:

The Schoharie County Recruit Volunteer First Responders project will provide funding for the implementation of a recruitment program to attract additional emergency response volunteers to build response capacity to future emergency events. The program will include the implementation of recruitment strategies, development of a training curriculum, and the initial roll-out and training of the first round of volunteers. This initiative will resolve the current limited response capacity of emergency management teams within the County.

Location Description:

The County of Schoharie. The GEOIDS for this project include 360957401001, 360957402001, 360957403001, 360957404001, 360957405001, 360957406001, 360957407001, 360957408001, 360957401002, 360957402002, 360957404002, 360957405002, 360957406002, 360957407002, 360957408002, 360957401003, 360957402003, 360957404003, 360957405003, 360957406003, 360957407003, 360957408003, 360957401004, 360957402004, 360957404004, 360957405004, 360957406004, 360957407004, 360957408004, 360957401005, 360957402005, 360957404005, 360957407005.

Activity Progress Narrative:

The subrecipient continued to obtain quotes from vendors for the procurement of items related to this project. An invoice was also uploaded by the subrecipient and reviewed and approved by GOSR along with micro purchases. GOSR reviewed pending micro purchases from the subrecipient of items and uploaded the information to an internal financial management tracker.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	IL-CR-ReloTBloomGroveCentMainFacil-PF-UN
Activity Title:	ReloTBloomGroveCentMainFacil CR

Activity Category:

Rehabilitation/reconstruction of public facilities

Project Number:

ComRecon

Projected Start Date:

12/31/2017

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Under Way

Project Title:

Community Reconstruction

Projected End Date:

09/30/2022

Completed Activity Actual End Date:
Responsible Organization:

Town of Blooming Grove

Overall
Total Projected Budget from All Sources
Oct 1 thru Dec 31, 2019

N/A

To Date

\$100,000.00

Total Budget

\$0.00

\$100,000.00

Total Obligated

\$19,835.12

\$53,833.97

Total Funds Drawdown

\$19,835.12

\$53,833.97

Program Funds Drawdown

\$19,835.12

\$53,833.97

Program Income Drawdown

\$0.00

\$0.00

Program Income Received

\$0.00

\$0.00

Total Funds Expended

\$28,512.53

\$53,424.15

Town of Blooming Grove

\$28,512.53

\$53,424.15

Most Impacted and Distressed Expended

\$28,512.53

\$53,424.15

Match Contributed

\$0.00

\$0.00

Activity Description:

The Town of Blooming Grove will relocate equipment, materials, and personnel from the current central maintenance facility in the Village of Washingtonville to an existing town-owned facility on New York Route 94, in the Town of Blooming Grove.

Location Description:

The Town of Blooming Grove, NY

Activity Progress Narrative:

During this quarter, the project engineer submitted an invoice for services related to the revised conceptual plans, coordination with the town, presentation of new plans to Town Board, as well as revised MWBE Utilization plan and coordination of Change Amendment. A third invoice has been submitted for work on revised design drawings which is currently under review with GOSR. Subrecipient submitted for Staff Time with all requisite time sheets.



Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	IL-CR-ScatterSitePumps-PF-LMI
Activity Title:	ScatterSitePumps CR

Activity Category:

Rehabilitation/reconstruction of public facilities

Project Number:

ComRecon

Projected Start Date:

12/31/2017

Benefit Type:

Area ()

National Objective:

Low/Mod

Activity Status:

Under Way

Project Title:

Community Reconstruction

Projected End Date:

12/31/2019

Completed Activity Actual End Date:
Responsible Organization:

Dormitory Authority of the State of New York

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$350,000.00
Total Budget	\$0.00	\$350,000.00
Total Obligated	\$23,922.96	\$168,120.03
Total Funds Drawdown	\$23,922.96	\$164,501.96
Program Funds Drawdown	\$23,922.96	\$164,501.96
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$22,406.12	\$163,019.29
Dormitory Authority of the State of New York (DASNY)	\$22,406.12	\$163,019.29
Most Impacted and Distressed Expended	\$22,406.12	\$163,019.29
Match Contributed	\$0.00	\$0.00

Activity Description:

This project will implement resiliency measures in the City by replacing and/or improving the pump stations located at Rush Avenue, Glenwood Avenue, Jackson Street, and Bevier Street.

Location Description:

The City of Binghamton in Broome County. The GEOIDS for the project include 360070004001, 360070004002, 360070004003, 360070005001, 360070005002, 360070005003, 360070006001, 360070006002, 360070006003, 360070007001, 360070007002, 360070007003, 360070007004, 360070007005, 360070009001, 360070009002, 360070018001, 360070018002, 360070018003, 360070018004, 360070018005, 360070016001, 360070001003, 360070013001, 360070013002, 360070013003, and 360070013004.

Activity Progress Narrative:

During this past quarter, the construction vendor continued work on the project sites. A meeting was held between the subrecipient, engineer and construction vendor to discuss progress on the proposed change order work and construction schedule. The Governors Office of Storm Recovery also reviewed two invoices for project delivery during this quarter and they were both paid out.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	IL-CR-SchoharieCountyWestFultonFireDept-PF-LMI
Activity Title:	SchoharieCountyWestFultonFireDept CR

Activity Category:

Rehabilitation/reconstruction of public facilities

Project Number:

ComRecon

Projected Start Date:

12/31/2017

Benefit Type:

Area ()

National Objective:

Low/Mod

Activity Status:

Under Way

Project Title:

Community Reconstruction

Projected End Date:

12/31/2019

Completed Activity Actual End Date:
Responsible Organization:

Schoharie County

Overall
Total Projected Budget from All Sources
Oct 1 thru Dec 31, 2019

N/A

To Date

\$250,000.00

Total Budget

\$0.00

\$250,000.00

Total Obligated

\$1,213.39

\$51,261.46

Total Funds Drawdown

\$1,213.39

\$51,261.46

Program Funds Drawdown

\$1,213.39

\$51,261.46

Program Income Drawdown

\$0.00

\$0.00

Program Income Received

\$0.00

\$0.00

Total Funds Expended

\$2,156.76

\$50,988.25

Schoharie County

\$2,156.76

\$50,988.25

Most Impacted and Distressed Expended

\$2,156.76

\$50,988.25

Match Contributed

\$0.00

\$0.00

Activity Description:

This project will consist of the expansion of the firehouse to function as a shelter and hardening of the facility including installation of redundant power supply, communications services and water supply.

Location Description:

The Town of Fulton in Schoharie County. The GEOIDs for the project include: 360957406001, 360957406002.

Activity Progress Narrative:

During this quarter, the design engineer continued to work with the four selected low bidders to obtain necessary documents to obtain contract consent. A meeting was also held between GOSR, design engineer, subrecipient and project beneficiary to discuss progress on obtaining construction contracts and the proposed construction schedule for 2020. GOSR approved an application amendment to increase the budget to cover the total costs of the proposed bid prices. The design engineer also provided GOSR with an updated list of documents that are required for consenting to the construction contracts.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	IL-CR-SCSWCDGorgeCrkCulRepair-PI-LMI
Activity Title:	SCSWCD Gorge Creek Culvert Repair CR

Activity Category:

Rehabilitation/reconstruction of a public improvement

Project Number:

ComRecon

Projected Start Date:

12/31/2017

Benefit Type:

Area ()

National Objective:

Low/Mod

Activity Status:

Under Way

Project Title:

Community Reconstruction

Projected End Date:

12/31/2019

Completed Activity Actual End Date:
Responsible Organization:

Schoharie County, Soil and Water Conservation

Overall

Total Projected Budget from All Sources

Oct 1 thru Dec 31, 2019

N/A

To Date

\$1,700,000.00

Total Budget

\$0.00

\$1,700,000.00

Total Obligated

\$118,632.63

\$278,744.22

Total Funds Drawdown

\$118,632.63

\$278,744.22

Program Funds Drawdown

\$118,632.63

\$278,744.22

Program Income Drawdown

\$0.00

\$0.00

Program Income Received

\$0.00

\$0.00

Total Funds Expended

\$116,682.92

\$274,331.49

Schoharie County, Soil and Water Conservation

\$116,682.92

\$274,331.49

Most Impacted and Distressed Expended

\$116,682.92

\$274,331.49

Match Contributed

\$0.00

\$0.00

Activity Description:

This project will include a hydrology and hydraulic study to confirm the required pipe and culvert sizes, design of culverts that will replace the existing culverts, and construction of new culverts.

Location Description:

The Census Designated Place of the Village of Middleburgh, NY.

Activity Progress Narrative:

GOSR Staff continued to work with the subrecipient to collect documents, review them and to file documents on the required GOSR portal.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	IL-CR-SCSWCDSouthEndDrain-PI-UN
Activity Title:	SCSWCD South End Drainage CR

Activity Category:

Rehabilitation/reconstruction of a public improvement

Project Number:

ComRecon

Projected Start Date:

12/31/2017

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Under Way

Project Title:

Community Reconstruction

Projected End Date:

12/31/2019

Completed Activity Actual End Date:
Responsible Organization:

Schoharie County, Soil and Water Conservation

Overall
Total Projected Budget from All Sources
Oct 1 thru Dec 31, 2019

N/A

To Date

\$1,566,615.84

Total Budget

\$500,000.00

\$1,566,615.84

Total Obligated

\$10,821.43

\$1,069,035.90

Total Funds Drawdown

\$10,821.43

\$1,069,035.90

Program Funds Drawdown

\$10,821.43

\$1,069,035.90

Program Income Drawdown

\$0.00

\$0.00

Program Income Received

\$0.00

\$0.00

Total Funds Expended

\$10,073.42

\$1,066,689.26

Schoharie County, Soil and Water Conservation

\$10,073.42

\$1,066,689.26

Most Impacted and Distressed Expended

\$10,073.42

\$1,066,689.26

Match Contributed

\$0.00

\$0.00

Activity Description:

Schoharie County Soil and Water Conservation District will construct approximately 5,220 feet of drainage improvements in the Village of Schoharie. This includes relocating existing utilities, lowering culverts, developing a detention pond to attenuate peak runoff, constructing an outfall to Schoharie Creek, re-establishing swales, constructing additional drainage along and across State Route 30/Main Street and Bridge Street, constructing backflow gates to prevent Schoharie Creek flood waters from feeding back into the project site and stabilizing Schoharie Creek.

Location Description:

The census designated place of the Village of Schoharie in Schoharie County.

Activity Progress Narrative:

A meeting was held with the subrecipient to discuss the status of project completion and the remaining invoice needed from the construction vendor. During this past quarter GOSR worked with the design engineer to process an invoice which was reviewed and paid out during this past quarter.



Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	IL-CR-SCSWCDStonyBrook-PI-UN
Activity Title:	SCSWCD Stony Brook CR

Activity Category:

Rehabilitation/reconstruction of a public improvement

Project Number:

ComRecon

Projected Start Date:

12/31/2017

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Under Way

Project Title:

Community Reconstruction

Projected End Date:

12/31/2019

Completed Activity Actual End Date:
Responsible Organization:

Schoharie County, Soil and Water Conservation

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$250,000.00
Total Budget	\$0.00	\$250,000.00
Total Obligated	\$8,525.16	\$64,684.33
Total Funds Drawdown	\$8,525.16	\$64,684.33
Program Funds Drawdown	\$8,525.16	\$64,684.33
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$10,195.74	\$63,293.93
Schoharie County, Soil and Water Conservation	\$10,195.74	\$63,293.93
Most Impacted and Distressed Expended	\$10,195.74	\$63,293.93
Match Contributed	\$0.00	\$0.00

Activity Description:

The Schoharie County Soil and Water Conservation District Stony Brook Creek project will include replacing two culverts, one on Frisbieville Road and one on Stony Brook Road; reconstruction of a stacked rock revetment wall; and bank failure repair at two additional locations. Additional work will include installation of precast concrete culverts, a bridge railing and approach guiderail, full-depth roadway reconstruction, installation of proposed dry stacked boulder walls, channel improvements, and landscaping.

Location Description:

The Town of Schoharie in Schoharie County. The GEOIDS for the project include: 360957401002, 360957401003, 360957401004.

Activity Progress Narrative:

GOSR consented to the construction contract for the selected low bidder during this past quarter. A Pre-Construction Meeting was held with the contractor, subrecipient and design engineer to discuss projects logistics and schedule.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number: IL-CR-SCSWCDYoungsSpringIntLiReplace-PI-UN

Activity Title: SCSWCDYoungsSpringIntLiReplace CR

Activity Category:

Rehabilitation/reconstruction of a public improvement

Project Number:

ComRecon

Projected Start Date:

12/31/2017

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Under Way

Project Title:

Community Reconstruction

Projected End Date:

12/31/2019

Completed Activity Actual End Date:

Responsible Organization:

Schoharie County, Soil and Water Conservation

Overall

Total Projected Budget from All Sources

Oct 1 thru Dec 31, 2019

To Date

N/A

\$250,000.00

Total Budget

\$0.00

\$250,000.00

Total Obligated

\$34,318.59

\$59,479.69

Total Funds Drawdown

\$34,318.59

\$59,479.69

Program Funds Drawdown

\$34,318.59

\$59,479.69

Program Income Drawdown

\$0.00

\$0.00

Program Income Received

\$0.00

\$0.00

Total Funds Expended

\$34,438.27

\$58,933.27

Schoharie County, Soil and Water Conservation

\$34,438.27

\$58,933.27

Most Impacted and Distressed Expended

\$34,438.27

\$58,933.27

Match Contributed

\$0.00

\$0.00

Activity Description:

The project will fund the repair and hardening of the water intake infrastructure at Young's Spring in Schoharie County.

Location Description:

The Village of Schoharie in Schoharie County. The GEOIDS for this project include: 360957401002, 360957401003, and 360957401004.

Activity Progress Narrative:

During this quarter, the design was approved by the New York State Department of Health and the design was finalized. GOSR assisted the design engineer with the bid documents and provided comments.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	IL-CR-SmithHillCreekWaterManagement-PI-UN
Activity Title:	Smith Hill Creek Water Management CR

Activity Category:

Rehabilitation/reconstruction of a public improvement

Project Number:

ComRecon

Projected Start Date:

12/31/2017

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Under Way

Project Title:

Community Reconstruction

Projected End Date:

12/31/2019

Completed Activity Actual End Date:
Responsible Organization:

Town of Chenango

Overall
Total Projected Budget from All Sources
Oct 1 thru Dec 31, 2019

N/A

To Date

\$175,000.00

Total Budget

\$0.00

\$175,000.00

Total Obligated

\$409.59

\$42,035.79

Total Funds Drawdown

\$409.59

\$42,035.79

Program Funds Drawdown

\$409.59

\$42,035.79

Program Income Drawdown

\$0.00

\$0.00

Program Income Received

\$0.00

\$0.00

Total Funds Expended

\$542.81

\$42,035.79

Town of Chenango

\$542.81

\$42,035.79

Most Impacted and Distressed Expended

\$542.81

\$42,035.79

Match Contributed

\$0.00

\$0.00

Activity Description:

Smith Hill Creek is a manmade stream located in the Wallace Road neighborhood and serves as part of a storm water management system for this portion of the Town of Chenango. This project will include various improvements along approximately 3050 linear feet of the creek with measures such as: increasing the size of culverts and the cross sectional area of portions of the stream channel and installation of drainage piping, check dams, catch basins and trash racks.

Location Description:

The Town of Chenango in Broome County. The GEOID for the project is: 360070121031, 360070121033.

Activity Progress Narrative:

The project scope was reduced and internal work continued to convert this project to a planning activity.

Accomplishments Performance Measures
No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	IL-CR-SouthStStormwater-PI-UN
Activity Title:	SouthStStormwater CR

Activity Category:

Rehabilitation/reconstruction of a public improvement

Project Number:

ComRecon

Projected Start Date:

12/31/2017

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Under Way

Project Title:

Community Reconstruction

Projected End Date:

12/31/2019

Completed Activity Actual End Date:
Responsible Organization:

Town of Windham

Overall

Total Projected Budget from All Sources

Oct 1 thru Dec 31, 2019

N/A

To Date

\$453,729.68

Total Budget

\$0.00

\$453,729.68

Total Obligated

\$13,521.79

\$205,907.08

Total Funds Drawdown

\$13,521.79

\$205,907.08

Program Funds Drawdown

\$13,521.79

\$205,907.08

Program Income Drawdown

\$0.00

\$0.00

Program Income Received

\$0.00

\$0.00

Total Funds Expended

\$9,366.77

\$200,936.67

Town of Windham

\$9,366.77

\$200,936.67

Most Impacted and Distressed Expended

\$9,366.77

\$200,936.67

Match Contributed

\$0.00

\$0.00

Activity Description:

The project will undertake stormwater collection improvements that will mitigate future flood damage and increase safety and access for residents and businesses within the town.

Location Description:

The Town of Windham in Greene County. The GEOIDS for this project include 360390803003, 360390803004.

Activity Progress Narrative:

During this past quarter the design engineer provided responses to the third party design reviewer via GOSR. On November 14, 2019 GOSR transmitted design review approval to the subrecipient engineering firm.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	IL-CR-SusquehannaAssessmentDesign-PLAN
Activity Title:	SusquehannaAssessmentDesign CR
Activity Category:	Activity Status:
Planning	Under Way
Project Number:	Project Title:
ComRecon	Community Reconstruction
Projected Start Date:	Projected End Date:
12/31/2017	12/31/2019
Benefit Type:	Completed Activity Actual End Date:
Area ()	
National Objective:	Responsible Organization:
N/A	Tioga County Soil and Water Conservation District

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$922,954.75
Total Budget	\$0.00	\$922,954.75
Total Obligated	\$131,325.63	\$474,217.56
Total Funds Drawdown	\$131,325.63	\$474,217.56
Program Funds Drawdown	\$131,325.63	\$474,217.56
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$130,454.59	\$471,324.50
Tioga County Soil and Water Conservation District	\$130,454.59	\$471,324.50
Most Impacted and Distressed Expended	\$130,454.59	\$471,324.50
Match Contributed	\$0.00	\$0.00

Activity Description:

The Regional Susquehanna River Initiative Assessment and Design project will provide funding for a river initiative which will increase resilience and capacity of the river within the Village of Sidney as well as Broome and Tioga County communities, using a comprehensive watershed approach to understand and address flooding issues in the Upper Susquehanna River. This phase of the project will assess potential project sites and develop an integrated, multiple barrier approach for planning and beginning design of restoration projects in each watershed in Broome and Tioga Counties and the Village of Sidney.

Location Description:

The Towns of Nichols, Owego, and Tioga in Tioga County, the City of Binghamton, the Towns of Union, Vestal, and Conklin in Broome County, and the Village of Sidney, in Delaware County. GEOIDs include 360070143023, 360070143021, 360070129001, 360070130001, 360070130003, 360070130002, 360070133015, 360070133012, 360070133013, 360070133011, 360070133014, 360070133032, 360070133031, 360070133044, 360070133041, 360070133045, 360070133042, 360070133043, 360070137002, 360070137001, 360070137003, 360070134006, 360070134001, 360070134005, 360070134002, 360070134004, 360070134003, 360070135003, 360070135002, 360070135001, 360070136001, 360070136005, 360070136003, 360070136002, 360070136004, 360070130004, 360070131001, 360070131002, 360070138002, 360070131003, 360070132011, 360070132021, 360070132022, 360070132023, 360070138003, 360070138004, 360070139002, 360070139003, 360070001004, 360070001003, 360070001002, 360070001001, 360070002001, 360070138001, 360070139001, 360070140001, 360070140002, 360070141004, 360070141002, 360070141001, 360070002002, 360070003001, 360070003004, 360070003003, 360070003002, 360070004001, 360070004002,



360070005003, 360070005001, 360070005002, 360070006001, 360070006002, 360070006003, 360070007005, 360070142001, 360070142002, 360070143013, 360070144002, 360070145004, 360070145001, 360070145002, 360070145003, 360070007001, 360070007004, 360070007003, 360070009002, 360070009001, 360070007002, 360070011001, 360070011003, 360070011002, 360070012001, 360070012002, 360070013001, 360070013002, 360070013004, 360070013003, 360070014004, 360070146002, 360070146004, 360070146003, 360070146001, 360070143014, 360070143012, 360070014001, 360070014002, 360070014003, 360070014005, 360070014007, 360070014006, 360070015003, 360070015002, 360070015004, 360070015001, 360070015005, 360070016001, 360070016002, 360070016003, 360070143011, 360070143022, 360070143015, 360070144005, 360070144004, 360070144003, 360070144001, 360070017002, 360070017005, 360070017001, 360070017004, 360070017003, 360070018004, 360070018005, 360070018003, 360070018002, 360070018001, 360070002003, 360070004003, 360070142003, 360070132012, 360070140003, 360070141003, 360259704006, 360259704005, 360259704007, 360259704004, 360259704003, 360259704001, 361070203004, 361070206002, 361070206007, 361070205001, 361070204014, 361070204013, 361070204012, 361070203002, 361070204023, 361070206001, 361070203001, 361070203003, 361070205003, 361070203006, 361070206004, 361070206003, 361070206006, 361070206005, 361070205002, 361070203005, 361070204011, 361070204021, 361070204022, 361070205004.

Activity Progress Narrative:

During Q4 2019, GOSR staff worked with the subrecipient and design engineer to complete background reports as well as 30 percent design documents. GOSR continued to ensure appropriate documentation was collected and saved to the project folder. The budget for this activity was revised.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	IL-CR-SusquehannaEducationOutreach-PLAN
Activity Title:	SusquehannaEducationOutreach CR
Activity Category:	Activity Status:
Planning	Under Way
Project Number:	Project Title:
ComRecon	Community Reconstruction
Projected Start Date:	Projected End Date:
12/31/2017	12/31/2019
Benefit Type:	Completed Activity Actual End Date:
Area ()	
National Objective:	Responsible Organization:
N/A	Tioga County Soil and Water Conservation District

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$239,160.40
Total Budget	\$0.00	\$239,160.40
Total Obligated	\$160.85	\$31,303.74
Total Funds Drawdown	\$160.85	\$31,303.74
Program Funds Drawdown	\$160.85	\$31,303.74
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$311.68	\$31,303.74
Tioga County Soil and Water Conservation District	\$311.68	\$31,303.74
Most Impacted and Distressed Expended	\$311.68	\$31,303.74
Match Contributed	\$0.00	\$0.00

Activity Description:

The Regional Susquehanna River Initiative Education and Outreach project will, through seminars and workshops, educate municipal officials, county legislators and residents of the stakeholder NYRCR Tioga and Broome County and Village of Sidney Communities about the issues tied to achieving a comprehensive watershed approach to address flooding issues in the Upper Susquehanna River. Through education and outreach with those that make land use and development decisions, the project will achieve enhanced awareness about the causes of flooding and stream instability in the watershed and also identify steps and approaches to address those perils.

Location Description:

The Towns of Nichols, Owego, and Tioga in Tioga County, the City of Binghamton, the Towns of Union, Vestal, and Conklin in Broome County, and the Village of Sidney, in Delaware County. GEOIDs include 360070143023, 360070143021, 360070129001, 360070130001, 360070130003, 360070130002, 360070133015, 360070133012, 360070133013, 360070133011, 360070133014, 360070133032, 360070133031, 360070133044, 360070133041, 360070133045, 360070133042, 360070133043, 360070137002, 360070137001, 360070137003, 360070134006, 360070134001, 360070134005, 360070134002, 360070134004, 360070134003, 360070135003, 360070135002, 360070135001, 360070136001, 360070136005, 360070136003, 360070136002, 360070136004, 360070130004, 360070131001, 360070131002, 360070138002, 360070131003, 360070132011, 360070132021, 360070132022, 360070132023, 360070138003, 360070138004, 360070139002, 360070139003, 360070001004, 360070001003, 360070001002, 360070001001, 360070002001, 360070138001, 360070139001, 360070140001, 360070140002, 360070141004, 360070141002, 360070141001, 360070002002,



360070003001, 360070003004, 360070003003, 360070003002, 360070004001, 360070004002, 360070005003, 360070005001, 360070005002, 360070006001, 360070006002, 360070006003, 360070007005, 360070142001, 360070142002, 360070143013, 360070144002, 360070145004, 360070145001, 360070145002, 360070145003, 360070007001, 360070007004, 360070007003, 360070009002, 360070009001, 360070007002, 360070011001, 360070011003, 360070011002, 360070012001, 360070012002, 360070013001, 360070013002, 360070013004, 360070013003, 360070014004, 360070146002, 360070146004, 360070146003, 360070146001, 360070143014, 360070143012, 360070014001, 360070014002, 360070014003, 360070014005, 360070014007, 360070014006, 360070015003, 360070015002, 360070015004, 360070015001, 360070015005, 360070016001, 360070016002, 360070016003, 360070143011, 360070143022, 360070143015, 360070144005, 360070144004, 360070144003, 360070144001, 360070017002, 360070017005, 360070017001, 360070017004, 360070017003, 360070018004, 360070018005, 360070018003, 360070018002, 360070018001, 360070002003, 360070004003, 360070142003, 360070132012, 360070140003, 360070141003, 360259704006, 360259704005, 360259704007, 360259704004, 360259704003, 360259704001, 361070203004, 361070206002, 361070206007, 361070205001, 361070204014, 361070204013, 361070204012, 361070203002, 361070204023, 361070206001, 361070203001, 361070203003, 361070205003, 361070203006, 361070206004, 361070206003, 361070206006, 361070206005, 361070205002, 361070203005, 361070204011, 361070204021, 361070204022, 361070205004.

Activity Progress Narrative:

During Q4 2019, GOSR staff worked with the subrecipient to ensure accurate reporting and documentation were submitted. GOSR continued to ensure appropriate documentation was collected and saved to the project folder.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	IL-CR-TChenango12APumpStation-PF-UN
Activity Title:	TChenango12APumpStation CR

Activity Category:

Rehabilitation/reconstruction of public facilities

Project Number:

ComRecon

Projected Start Date:

12/31/2017

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Under Way

Project Title:

Community Reconstruction

Projected End Date:

12/31/2019

Completed Activity Actual End Date:
Responsible Organization:

Town of Chenango

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$220,000.00
Total Budget	\$0.00	\$220,000.00
Total Obligated	\$12,313.82	\$81,312.41
Total Funds Drawdown	\$12,313.82	\$81,312.41
Program Funds Drawdown	\$12,313.82	\$81,312.41
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$11,637.59	\$79,946.35
Town of Chenango	\$11,637.59	\$79,946.35
Most Impacted and Distressed Expended	\$11,637.59	\$79,946.35
Match Contributed	\$0.00	\$0.00

Activity Description:

Upgrade the water pump stations at its Northgate Plaza and Route 12A water pump stations. Both pump stations are located in the 100-year floodplain and are subject to flooding from the Chenango River, Thomas Creek or both.

Location Description:

The Town of Chenango in Broome County. The GEOIDS for the project include 360070121011, 360070121021, 360070121031, 360070121032, 360070121022, 360070121012, 360070121013, 360070121023, 360070121033, 360070121024, 360070121014, 360070128001, 360070128002, 360070128003, 360070128004, 360070128005.

Activity Progress Narrative:

During the quarter, GOSR reviewed and processed monthly invoices. The contract for construction was consented to and the contractor was fully vetted to performed the work activities.

Accomplishments Performance Measures
No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	IL-CR-TChenangoMuniCmplxGenerators-PF-UN
Activity Title:	TChenangoMuniCmplxGenerators CR

Activity Category:

Rehabilitation/reconstruction of public facilities

Project Number:

ComRecon

Projected Start Date:

12/31/2017

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Under Way

Project Title:

Community Reconstruction

Projected End Date:

12/31/2019

Completed Activity Actual End Date:
Responsible Organization:

Town of Chenango

Overall
Total Projected Budget from All Sources
Oct 1 thru Dec 31, 2019

N/A

To Date

\$317,000.00

Total Budget

\$200,000.00

\$317,000.00

Total Obligated

\$64,110.39

\$156,371.12

Total Funds Drawdown

\$64,110.39

\$156,371.12

Program Funds Drawdown

\$64,110.39

\$156,371.12

Program Income Drawdown

\$0.00

\$0.00

Program Income Received

\$0.00

\$0.00

Total Funds Expended

\$10,073.28

\$101,401.48

Town of Chenango

\$10,073.28

\$101,401.48

Most Impacted and Distressed Expended

\$10,073.28

\$101,401.48

Match Contributed

\$0.00

\$0.00

Activity Description:

This project provides for the purchase, appropriate engineering and installation of a 400kW backup power generator at the Town of Chenango Town Hall to be used as backup power for the Town's emergency operations center and for the Town's community center also located at the Chenango Town Hall.

Location Description:

The Town of Chenango in Broome County. The GEOIDS for the project include 360070121011, 360070121021, 360070121031, 360070121032, 360070121022, 360070121012, 360070121013, 360070121023, 360070121033, 360070121024, 360070121014.

Activity Progress Narrative:

During the quarter, GOSR reviewed and processed monthly invoices. The contract for construction was consented to and the contractor was fully vetted to performed the work activities. 10 percent of the construction was completed.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	IL-CR-TChenangoSewerLiftStation-PF-UN
Activity Title:	TChenangoSewerLiftStation CR

Activity Category:

Rehabilitation/reconstruction of public facilities

Project Number:

ComRecon

Projected Start Date:

12/31/2017

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Under Way

Project Title:

Community Reconstruction

Projected End Date:

12/31/2019

Completed Activity Actual End Date:
Responsible Organization:

Town of Chenango

Overall
Total Projected Budget from All Sources
Oct 1 thru Dec 31, 2019

N/A

To Date

\$250,000.00

Total Budget

\$0.00

\$250,000.00

Total Obligated

\$284.48

\$24,226.34

Total Funds Drawdown

\$284.48

\$24,226.34

Program Funds Drawdown

\$284.48

\$24,226.34

Program Income Drawdown

\$0.00

\$0.00

Program Income Received

\$0.00

\$0.00

Total Funds Expended

\$817.36

\$24,226.34

Town of Chenango

\$817.36

\$24,226.34

Most Impacted and Distressed Expended

\$817.36

\$24,226.34

Match Contributed

\$0.00

\$0.00

Activity Description:

Upgrade the sewer lift stations at its McGirk and Route 12A Sewer Lift Stations. The McGirk station receives flow from the hamlet of Chenango Bridge and pumps it to the Route 12A Lift Station. Upgrading the McGirk's Sewer Lift Station through elevation of the electrical components will improve the entire waste removal system and allow it to be more flood-proof and resilient to storm events.

Location Description:

The Town of Chenango in Broome County. The GEOIDS for the project include 360070121011, 360070121021, 360070121031, 360070121032, 360070121022, 360070121012, 360070121013, 360070121023, 360070121033, 360070121024, 360070121014

Activity Progress Narrative:

The project scope was reduced and internal work continued to convert this project to a planning activity.

Accomplishments Performance Measures
No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	IL-CR-TEsperanceTownHallResto-PF-UN
Activity Title:	TEsperanceTownHallResto CR

Activity Category:

Rehabilitation/reconstruction of public facilities

Project Number:

ComRecon

Projected Start Date:

12/31/2017

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Under Way

Project Title:

Community Reconstruction

Projected End Date:

09/30/2022

Completed Activity Actual End Date:
Responsible Organization:

Town of Esperance

Overall

Total Projected Budget from All Sources

Oct 1 thru Dec 31, 2019

N/A

To Date

\$100,000.00

Total Budget

\$0.00

\$100,000.00

Total Obligated

\$4,008.67

\$19,794.89

Total Funds Drawdown

\$4,008.67

\$19,794.89

Program Funds Drawdown

\$4,008.67

\$19,794.89

Program Income Drawdown

\$0.00

\$0.00

Program Income Received

\$0.00

\$0.00

Total Funds Expended

\$4,008.67

\$19,794.89

Town of Esperance

\$4,008.67

\$19,794.89

Most Impacted and Distressed Expended

\$4,008.67

\$19,794.89

Match Contributed

\$0.00

\$0.00

Activity Description:

This project includes the renovation and expansion of the Esperance Town Hall outside the floodplain. It will be completed after the auxiliary municipal building is constructed first.

Location Description:

The Town of Esperance, in Schoharie County. The GEOIDS for the project include: 360957401001 and 360957401005.

Activity Progress Narrative:

A meeting was held with the design engineer and subrecipient to review 90 percent design plans. The subrecipient provided comments to the design engineer regarding the plans and they continued to proceed on the design. GOSR also held a conference call with the design engineer to review their reporting for a pending invoice.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	IL-CR-TiogaEmergencyPreparedness-PI-UN
Activity Title:	TiogaEmergencyPreparedness CR

Activity Category:

Rehabilitation/reconstruction of a public improvement

Project Number:

ComRecon

Projected Start Date:

12/31/2017

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Under Way

Project Title:

Community Reconstruction

Projected End Date:

12/31/2019

Completed Activity Actual End Date:
Responsible Organization:

Town of Tioga

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$175,000.00
Total Budget	\$0.00	\$175,000.00
Total Obligated	\$5,172.43	\$60,131.90
Total Funds Drawdown	\$5,172.43	\$60,131.90
Program Funds Drawdown	\$5,172.43	\$60,131.90
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$4,178.31	\$58,604.90
Town of Tioga	\$4,178.31	\$58,604.90
Most Impacted and Distressed Expended	\$4,178.31	\$58,604.90
Match Contributed	\$0.00	\$0.00

Activity Description:

The Emergency Preparedness project will provide funding for the installation of a solar powered emergency message board, an emergency generator, and a stream gauge system to enhance emergency preparedness for residents of the Town of Tioga in the face of future disaster or flooding events.

Location Description:

The Town of Tioga, in Tioga County, New York. The GEOIDS for this project include 361070206001, 361070206002, 361070206003, and 361070206004.

Activity Progress Narrative:

During the quarter, GOSR reviewed and processed monthly invoices.

Accomplishments Performance Measures
No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	IL-CR-TiogaHalseyValleyRdElev-AQPF-UN
Activity Title:	Halsey Valley Road Elevation CR

Activity Category:

Acquisition, construction, reconstruction of public facilities

Project Number:

ComRecon

Projected Start Date:

12/31/2017

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Under Way

Project Title:

Community Reconstruction

Projected End Date:

12/31/2019

Completed Activity Actual End Date:
Responsible Organization:

Town of Tioga

Overall

Total Projected Budget from All Sources

Oct 1 thru Dec 31, 2019

N/A

To Date

\$1,045,000.00

Total Budget

\$0.00

\$1,045,000.00

Total Obligated

\$66,093.12

\$834,022.62

Total Funds Drawdown

\$66,093.12

\$834,022.62

Program Funds Drawdown

\$66,093.12

\$834,022.62

Program Income Drawdown

\$0.00

\$0.00

Program Income Received

\$0.00

\$0.00

Total Funds Expended

\$66,038.94

\$831,836.93

Town of Tioga

\$66,038.94

\$831,836.93

Most Impacted and Distressed Expended

\$66,038.94

\$831,836.93

Match Contributed

\$0.00

\$0.00

Activity Description:

Raise a quarter mile, low-lying stretch of the southern portion of Halsey Valley Road to match the elevation of the perpendicular crossing road, NY State route 17C.

Location Description:

The Town of Tioga in Tioga County. The GEOIDS for the project include: 361070206001, 361070206002, 361070206003, 361070206004.

Activity Progress Narrative:

During the quarter, GOSR reviewed and processed monthly invoices. The construction was complete to 98 percent of completion with only punch list items left to complete.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	IL-CR-TiogaRansomParkImprovements-PI-UN
Activity Title:	TiogaRansomParkImprovements CR

Activity Category:

Rehabilitation/reconstruction of a public improvement

Project Number:

ComRecon

Projected Start Date:

12/31/2017

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Under Way

Project Title:

Community Reconstruction

Projected End Date:

12/31/2019

Completed Activity Actual End Date:

Responsible Organization:

Town of Tioga

Overall

Total Projected Budget from All Sources

Oct 1 thru Dec 31, 2019

N/A

To Date

\$175,000.00

Total Budget

\$0.00

\$175,000.00

Total Obligated

\$4,189.35

\$53,489.62

Total Funds Drawdown

\$4,189.35

\$53,489.62

Program Funds Drawdown

\$4,189.35

\$53,489.62

Program Income Drawdown

\$0.00

\$0.00

Program Income Received

\$0.00

\$0.00

Total Funds Expended

\$683.67

\$49,850.72

Town of Tioga

\$683.67

\$49,850.72

Most Impacted and Distressed Expended

\$683.67

\$49,850.72

Match Contributed

\$0.00

\$0.00

Activity Description:

Design and construction of resilient park improvements to the Town municipal park.

Location Description:

The Town of Tioga in Tioga County. GEOIDs: 360390803003, 360390803004.

Activity Progress Narrative:

During the quarter, authorization to go out to bid was granted. The project was advertised and a pre-bid meeting was held. Late in the quarter the bids were opened and a low bidder was identified.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	IL-CR-TOSchoharieStonyBrook-AQPF-UN
Activity Title:	TOSchoharieStonyBrook CR

Activity Category:

Acquisition, construction, reconstruction of public facilities

Project Number:

ComRecon

Projected Start Date:

12/31/2017

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Under Way

Project Title:

Community Reconstruction

Projected End Date:

12/31/2019

Completed Activity Actual End Date:
Responsible Organization:

Town of Schoharie

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$250,000.00
Total Budget	\$0.00	\$250,000.00
Total Obligated	\$0.00	\$40,868.11
Total Funds Drawdown	\$0.00	\$40,868.11
Program Funds Drawdown	\$0.00	\$40,868.11
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$1,940.10	\$40,868.11
Town of Schoharie	\$1,940.10	\$40,868.11
Most Impacted and Distressed Expended	\$1,940.10	\$40,868.11
Match Contributed	\$0.00	\$0.00

Activity Description:

The Town of Schoharie will be responsible for acquisition activities involving acquisition of temporary and permanent easements. The long term responsibility and ownership for the easements will be the responsibility of the Town. The implementation work involving the Town's acquisition activities will be conducted by the Schoharie County Soil and Water Conservation District.

Location Description:

The Town of Schoharie in Schoharie County. The GEOIDS for this project include 360957401002, 360957401003, and 360957401004.

Activity Progress Narrative:
Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	IL-CR-VestalEMSRelocation-AQPF-UN
Activity Title:	VestalEMSRelocation CR

Activity Category:

Acquisition, construction, reconstruction of public facilities

Project Number:

ComRecon

Projected Start Date:

07/27/2012

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Under Way

Project Title:

Community Reconstruction

Projected End Date:

09/30/2022

Completed Activity Actual End Date:
Responsible Organization:

Town of Vestal

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$250,000.00
Total Budget	\$0.00	\$250,000.00
Total Obligated	\$2,158.03	\$24,297.60
Total Funds Drawdown	\$2,158.03	\$24,297.60
Program Funds Drawdown	\$2,158.03	\$24,297.60
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$1,748.21	\$23,887.78
Town of Vestal	\$1,748.21	\$23,887.78
Most Impacted and Distressed Expended	\$1,748.21	\$23,887.78
Match Contributed	\$0.00	\$0.00

Activity Description:

The Vestal EMS Relocation project will provide funding for the construction of a new Emergency Management Service facility outside of the floodplain. The project will improve public safety during emergencies by ensuring continuous access to emergency medical services. Acquisition will be required to secure a site for project implementation.

Location Description:

The Town of Vestal, in Broome County. The GEOIDS for this project include: 36007143011, 36007143012, 36007143013, 36007143014, 36007143015, 360070143021, 360070143022, 360070143023, 360070144001, 360070144002, 360070144003, 360070144004, 360070144005, 360070145001, 360070145002, 360070145003, 360070145004, 360070146001, 360070146002, 360070146003, 360070146004.

Activity Progress Narrative:

The design engineer continued on the design and held a status meeting with the subrecipient which was relayed to GOSR. A meeting was held with the subrecipient and GOSR staff to discuss the design progress and the status of acquisition of the property from the New York State Department of Transportation. The design engineer also provided GOSR that they are now at 75 percent design.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	IL-CR-VestalRobertStWaterPumpStat-PF-UN
Activity Title:	Vestal Robert Street Water Pump Station CR

Activity Category:

Rehabilitation/reconstruction of public facilities

Project Number:

ComRecon

Projected Start Date:

12/31/2017

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Under Way

Project Title:

Community Reconstruction

Projected End Date:

12/31/2019

Completed Activity Actual End Date:
Responsible Organization:

Town of Vestal

Overall
Total Projected Budget from All Sources
Oct 1 thru Dec 31, 2019

N/A

To Date

\$250,000.00

Total Budget

\$0.00

\$250,000.00

Total Obligated

\$2,030.14

\$11,957.04

Total Funds Drawdown

\$2,030.14

\$11,957.04

Program Funds Drawdown

\$2,030.14

\$11,957.04

Program Income Drawdown

\$0.00

\$0.00

Program Income Received

\$0.00

\$0.00

Total Funds Expended

\$2,579.98

\$11,683.83

Town of Vestal

\$2,579.98

\$11,683.83

Most Impacted and Distressed Expended

\$2,579.98

\$11,683.83

Match Contributed

\$0.00

\$0.00

Activity Description:

This project will consist of the design and construction of improvements to an out-of-service sewer pump station into a storm water pump station.

Location Description:

The Town of Vestal in Broome County. The GEOID for the project is 360070144004.

Activity Progress Narrative:

The closeout process continued for this project and a conference call was held with the subrecipient to discuss the required reporting and upload of the invoice for this project. The contract amendment has now been approved to decrease the contract value.

Accomplishments Performance Measures
No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	IL-CR-VillageOwegoMunicipalFacility-PF-UN
Activity Title:	VillageOwegoMunicipalFacility CR

Activity Category:

Rehabilitation/reconstruction of public facilities

Project Number:

ComRecon

Projected Start Date:

12/31/2017

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Under Way

Project Title:

Community Reconstruction

Projected End Date:

12/31/2019

Completed Activity Actual End Date:
Responsible Organization:

Dormitory Authority of the State of New York

Overall
Total Projected Budget from All Sources
Oct 1 thru Dec 31, 2019

N/A

To Date

\$381,586.51

Total Budget

\$0.00

\$381,586.51

Total Obligated

\$8,151.57

\$228,206.17

Total Funds Drawdown

\$8,151.57

\$217,954.76

Program Funds Drawdown

\$8,151.57

\$217,954.76

Program Income Drawdown

\$0.00

\$0.00

Program Income Received

\$0.00

\$0.00

Total Funds Expended

(\$2,943.19)

\$216,178.88

Dormitory Authority of the State of New York (DASNY)

(\$2,943.19)

\$216,178.88

Most Impacted and Distressed Expended

(\$2,943.19)

\$216,178.88

Match Contributed

\$0.00

\$0.00

Activity Description:

This project provides for the construction of a new 12,000 sq. ft. facility to house the Village's highway equipment, DPW, and Codes Offices in one building located outside the 100-year floodplain at the Town Hall Campus.

Location Description:

The Census Designated Place of the Village of Owego, NY.

Activity Progress Narrative:

During the quarter, responsibilities were transferred from the Dormitory Authority of New York directly to the village of Owego for the design services. The Sub-recipient agreement was executed to reflect the change From DASNY and an new application amendment was prepared and executed to fund the projects. Several meeting were held with Village and the Engineering Firm to determined the path forward and the timing of the Design completion.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	IL-CR-VOMiddleburghGorgeCrkCulRepair-AQPF-LMI
Activity Title:	VOMiddleburghGorgeCrkCulRepair CR

Activity Category:

Acquisition, construction, reconstruction of public facilities

Project Number:

ComRecon

Projected Start Date:

12/31/2017

Benefit Type:

Area ()

National Objective:

Low/Mod

Activity Status:

Under Way

Project Title:

Community Reconstruction

Projected End Date:

12/31/2019

Completed Activity Actual End Date:
Responsible Organization:

Village of Middleburgh

Overall
Total Projected Budget from All Sources
Oct 1 thru Dec 31, 2019

N/A

To Date

\$175,000.00

Total Budget

\$0.00

\$175,000.00

Total Obligated

\$1,594.09

\$58,955.43

Total Funds Drawdown

\$1,594.09

\$58,955.43

Program Funds Drawdown

\$1,594.09

\$58,955.43

Program Income Drawdown

\$0.00

\$0.00

Program Income Received

\$0.00

\$0.00

Total Funds Expended

\$2,134.31

\$58,387.02

Village of Middleburgh

\$2,134.31

\$58,387.02

Most Impacted and Distressed Expended

\$2,134.31

\$58,387.02

Match Contributed

\$0.00

\$0.00

Activity Description:

The Village of Middleburgh will be responsible for acquisition activities involving two parcels acquired in fee as well as four permanent easements and two temporary easements. The long term responsibility and ownership for the parcels will be the responsibility of the Village. The implementation work involving the Village's acquisition activities will be conducted by the Schoharie County Soil and Water Conservation District.

Location Description:

The census designated place of the Village of Middleburgh in Schoharie County.

Activity Progress Narrative:

Acquisition was completed for this acquisition only subrecipient. GOSR Staff continued to work with the subrecipient to collect documents, review them and to file documents on the required GOSR portal.

Accomplishments Performance Measures
No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	IL-CR-VOSchoharieSouthEndDrain-AQU-UN
Activity Title:	VOSchoharieSouthEndDrainAQU CR

Activity Category:

Acquisition - general

Project Number:

ComRecon

Projected Start Date:

12/31/2017

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Under Way

Project Title:

Community Reconstruction

Projected End Date:

12/31/2019

Completed Activity Actual End Date:
Responsible Organization:

Village of Schoharie

Overall
Total Projected Budget from All Sources
Oct 1 thru Dec 31, 2019

N/A

To Date

\$250,000.00

Total Budget

\$0.00

\$250,000.00

Total Obligated

\$586.10

\$2,039.89

Total Funds Drawdown

\$586.10

\$2,039.89

Program Funds Drawdown

\$586.10

\$2,039.89

Program Income Drawdown

\$0.00

\$0.00

Program Income Received

\$0.00

\$0.00

Total Funds Expended

\$586.10

\$2,039.89

Village of Schoharie

\$586.10

\$2,039.89

Most Impacted and Distressed Expended

\$586.10

\$2,039.89

Match Contributed

\$0.00

\$0.00

Activity Description:

The Village of Schoharie will acquire one property and easements in order to complete the South End Drainage Improvements project. Schoharie County Soil and Water Conservation District will also be working on the project and is the responsible for completing the design and construction to complete the South End Drainage Improvements project under activity code R4-CR-SCSWCDSouthEndDrain-PI-UN.

Location Description:

The census designated place of the Village of Schoharie in Schoharie County.

Activity Progress Narrative:

Discussions were held with the subrecipient and project beneficiary during a conference call to discuss any outstanding reimbursements that are requested by the beneficiary. GOSR followed up with a request of a list of outstanding reimbursables from the project beneficiary, which was obtained.

Accomplishments Performance Measures
No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	IL-CR-VOWegoMunicipalFacility-AQPF-UN
Activity Title:	VOWegoMunicipalFacility CR

Activity Category:

Acquisition, construction, reconstruction of public facilities

Project Number:

ComRecon

Projected Start Date:

12/31/2017

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Under Way

Project Title:

Community Reconstruction

Projected End Date:

12/31/2019

Completed Activity Actual End Date:
Responsible Organization:

Village of Owego

Overall

Total Projected Budget from All Sources

Oct 1 thru Dec 31, 2019

N/A

To Date

\$250,000.00

Total Budget

\$0.00

\$250,000.00

Total Obligated

\$1,700.39

\$2,027.51

Total Funds Drawdown

\$1,700.39

\$2,027.51

Program Funds Drawdown

\$1,700.39

\$2,027.51

Program Income Drawdown

\$0.00

\$0.00

Program Income Received

\$0.00

\$0.00

Total Funds Expended

\$1,539.45

\$1,866.57

Village of Owego

\$1,539.45

\$1,866.57

Most Impacted and Distressed Expended

\$1,539.45

\$1,866.57

Match Contributed

\$0.00

\$0.00

Activity Description:

The Village of Owego will be responsible for acquisition activities involving real property, the long term maintenance and ownership will be the responsibility of the Village. The implementation associated with this project will be conducted by DASNY.

Location Description:

The Census Designated Place of the Village of Owego, in Tioga County.

Activity Progress Narrative:

During the quarter, the responsibility for design was moved from the Dormitory Authority of New York directly to the village of Owego for the design services.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	IL-CR-WashingtonvilleCulverts-PI-UN
Activity Title:	WashingtonvilleCulverts CR

Activity Category:

Rehabilitation/reconstruction of a public improvement

Project Number:

ComRecon

Projected Start Date:

12/31/2017

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Under Way

Project Title:

Community Reconstruction

Projected End Date:

09/30/2022

Completed Activity Actual End Date:
Responsible Organization:

Town of Blooming Grove

Overall
Total Projected Budget from All Sources
Oct 1 thru Dec 31, 2019

N/A

To Date

\$376,434.82

Total Budget

\$100,000.00

\$376,434.82

Total Obligated

\$11,536.90

\$179,991.45

Total Funds Drawdown

\$11,536.90

\$179,991.45

Program Funds Drawdown

\$11,536.90

\$179,991.45

Program Income Drawdown

\$0.00

\$0.00

Program Income Received

\$0.00

\$0.00

Total Funds Expended

\$11,917.36

\$178,352.18

Town of Blooming Grove

\$11,917.36

\$178,352.18

Most Impacted and Distressed Expended

\$11,917.36

\$178,352.18

Match Contributed

\$0.00

\$0.00

Activity Description:

This project was identified in the Master Drainage Study as one of several areas that contribute to the flooding in the Town of Blooming Grove as well as the Villages of Washingtonville and South Blooming Grove during significant storm conditions, like those experienced during Hurricane Irene and Tropical Storm Lee. These communities are seeking to implement as many of the recommendations as are financially, environmentally, and technically feasible.

Location Description:

The Washingtonville Planning Area. GEOIDs include: 360710132013, 360710132011, 360710132014, 360710132012, 360710132022, 360710132021

Activity Progress Narrative:

Subrecipient submitted for staff time including all requisite time sheets. GOSR approved submission on October 3. The engineer has completed and invoiced for one hundred percent of subsurface investigation, as well as for work on highway design and Department of Transportation permit support. They also billed for continued work on the bridge design. GOSR received and approved this invoice on November 21. A second engineering invoice was submitted in December and is being reviewed by GOSR. This invoice covers ongoing design work on both the highway and bridge. The Project Manager met with both the Subrecipient and the Project Beneficiary to discuss budget and scheduling for project. The budget for this activity was revised.



Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number: IL-CR-WindhamBackupGenCriticalFacilities-PF-UN

Activity Title: WindhamBackupGenCriticalFacilities CR

Activity Category:

Rehabilitation/reconstruction of public facilities

Project Number:

ComRecon

Projected Start Date:

12/31/2017

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Under Way

Project Title:

Community Reconstruction

Projected End Date:

12/31/2019

Completed Activity Actual End Date:

Responsible Organization:

Town of Windham

Overall

Total Projected Budget from All Sources

Oct 1 thru Dec 31, 2019

N/A

To Date

\$150,000.00

Total Budget

\$0.00

\$150,000.00

Total Obligated

\$0.00

\$58,159.61

Total Funds Drawdown

\$0.00

\$58,159.61

Program Funds Drawdown

\$0.00

\$58,159.61

Program Income Drawdown

\$0.00

\$0.00

Program Income Received

\$0.00

\$0.00

Total Funds Expended

(\$20,328.68)

\$58,159.61

Town of Windham

(\$20,328.68)

\$58,159.61

Most Impacted and Distressed Expended

(\$20,328.68)

\$58,159.61

Match Contributed

\$0.00

\$0.00

Activity Description:

This project will size and install back-up generators and alternate fuel supplies at three critical town facilities: Water Pump House # 2, the Highway Garage, and Windham Town Hall.

Location Description:

The Town of Windham in Greene County. The GEOIDS for the project include 360390803003, 360390803004

Activity Progress Narrative:

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number:	IL-CR-WindhamDrainImprov-PI-UN
Activity Title:	WindhamDrainImprov CR

Activity Category:

Rehabilitation/reconstruction of a public improvement

Project Number:

ComRecon

Projected Start Date:

12/31/2017

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Under Way

Project Title:

Community Reconstruction

Projected End Date:

12/31/2019

Completed Activity Actual End Date:
Responsible Organization:

Town of Windham

Overall
Total Projected Budget from All Sources
Oct 1 thru Dec 31, 2019

N/A

To Date

\$1,291,178.38

Total Budget

\$700,000.00

\$1,291,178.38

Total Obligated

\$77,824.22

\$669,002.60

Total Funds Drawdown

(\$88,737.15)

\$485,663.18

Program Funds Drawdown

(\$88,737.15)

\$485,663.18

Program Income Drawdown

\$0.00

\$0.00

Program Income Received

\$0.00

\$0.00

Total Funds Expended

(\$87,541.57)

\$485,526.57

Town of Windham

(\$87,541.57)

\$485,526.57

Most Impacted and Distressed Expended

(\$87,541.57)

\$485,526.57

Match Contributed

\$0.00

\$0.00

Activity Description:

This activity involves drainage system improvements including repairing and upgrading the Mad Brook retaining wall in the Hamlet of Windham to increase its ability to protect the hamlet from extreme flooding events, and replacing an undersized culvert on Route 56 in the Hamlet of Maplecrest with a larger box culvert to expand its capacity and reduce localized flooding. The 625-foot Mad Brook retaining wall will be repaired, upgraded and extended approximately 150 feet upstream. The project will also replace an undersized culvert under Route 56 where it crosses the Batavia Kill in the hamlet of Maplecrest. The existing four-foot diameter corrugated metal pipe culvert will be replaced with a six (6) foot-by-six (6) box culvert to expand its capacity.

Location Description:

The Town of Windham in Greene County. The GEOIDS for the project include: 360390803003 and 360390803004.

Activity Progress Narrative:

During this quarter, GOSR received and processed invoices to continue construction administration for the project. The invoices approved during this quarter covered construction inspections. The construction contractor received payment for substantial completion. This project is now in the closeout phase.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Project # / SidneyFMP / Sidney Floodplain Management

Grantee Activity Number: IL-INFRA-VSidneyBuyoutFPR-BOH-LMI

Activity Title: VSidneyBuyoutFPR INFRA

Activity Category:

Acquisition - buyout of residential properties

Project Number:

SidneyFMP

Projected Start Date:

09/01/2011

Benefit Type:

Area ()

National Objective:

Low/Mod

Activity Status:

Under Way

Project Title:

Sidney Floodplain Management

Projected End Date:

06/30/2021

Completed Activity Actual End Date:

Responsible Organization:

Delaware County2

Overall

Total Projected Budget from All Sources

Total Budget

Total Obligated

Total Funds Drawdown

Program Funds Drawdown

Program Income Drawdown

Program Income Received

Total Funds Expended

Oct 1 thru Dec 31, 2019

N/A

\$1,400,000.00

\$991,631.18

\$910,005.54

\$910,005.54

\$0.00

\$0.00

\$915,736.22

To Date

\$2,876,837.84

\$2,876,837.84

\$2,268,469.02

\$2,186,843.38

\$2,186,843.38

\$0.00

\$0.00

\$2,184,864.23



Delaware County2	\$915,736.22	\$2,184,864.23
Most Impacted and Distressed Expended	(\$25,783.03)	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

New York State will buy out approximately 132 properties in the Village of Sidney to restore the flood plain.

Location Description:

Village of Sidney

Activity Progress Narrative:

During the quarter, costs incurred were related to project development and implementation. The subrecipient continued to prepare offer letters and closed on five properties. GOSR and vendor staff worked with the subrecipient to build out quality control procedures and compile documentation in preparation for property close out and final disposition. The budget for this activity was revised.

Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of Properties	5	5/132
# of Parcels acquired	5	5/132

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources	Amount
No Other Funding Sources Found	
Total Other Funding Sources	

Grantee Activity Number:	IL-INFRA-VSidneyHousingElevations-HSG-UN
Activity Title:	VSidneyHousingElevations INFRA

Activity Category:

Rehabilitation/reconstruction of residential structures

Project Number:

SidneyFMP

Projected Start Date:

09/01/2011

Benefit Type:

Direct (HouseHold)

National Objective:

Urgent Need

Activity Status:

Under Way

Project Title:

Sidney Floodplain Management

Projected End Date:

06/22/2021

Completed Activity Actual End Date:

Responsible Organization:

Delaware County2

Overall

Total Projected Budget from All Sources

Oct 1 thru Dec 31, 2019

N/A

To Date

\$221,700.00

Total Budget

\$0.00

\$221,700.00

Total Obligated

\$7,238.64

\$55,155.15

Total Funds Drawdown

\$3,392.40

\$51,308.91

Program Funds Drawdown

\$3,392.40

\$51,308.91

Program Income Drawdown

\$0.00

\$0.00

Program Income Received

\$0.00

\$0.00

Total Funds Expended

\$3,661.20

\$51,308.91

Delaware County2

\$3,661.20

\$51,308.91

Most Impacted and Distressed Expended

(\$19,422.91)

\$0.00

Match Contributed

\$0.00

\$0.00

Activity Description:

New York State will elevate approximately 7 homes.

Location Description:

Village of Sidney

Activity Progress Narrative:

During the quarter, costs incurred were related to project development and implementation. GOSR worked with the subrecipient to engage appropriate vendor staff to evaluate elevation feasibility, prepare design plans, and begin construction.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Monitoring, Audit, and Technical Assistance

Event Type	This Report Period	To Date
Monitoring, Audits, and Technical Assistance	0	2
Monitoring Visits	0	2
Audit Visits	0	0
Technical Assistance Visits	0	0
Monitoring/Technical Assistance Visits	0	0
Report/Letter Issued	0	1