

**Grantee: New York**

**Grant: B-12-DT-36-0001**

**October 1, 2020 thru December 31, 2020**

**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:**

\$100,000.00

**Total Budget:**

\$71,754,116.00

**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:**

<b>Overall</b>	<b>This Report Period</b>	<b>To Date</b>
<b>Total Projected Budget from All Sources</b>	\$3,116,770.43	\$62,309,772.25
<b>Total Budget</b>	\$3,116,770.43	\$62,309,772.25
<b>Total Obligated</b>	\$3,267,514.59	\$32,148,275.09
<b>Total Funds Drawdown</b>	\$2,376,781.15	\$30,756,076.14
<b>Program Funds Drawdown</b>	\$2,376,781.15	\$30,756,076.14
<b>Program Income Drawdown</b>	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	\$2,372,279.76	\$30,745,550.60
<b>HUD Identified Most Impacted and Distressed</b>	(\$2,236,135.70)	\$22,271,852.48
<b>Other Funds</b>	\$ 0.00	\$ 0.00
Match Funds	\$ 0.00	\$ 0.00
Non-Match Funds	\$ 0.00	\$ 0.00

**Funds Expended**

<b>Overall</b>	<b>This Period</b>	<b>To Date</b>
Broome County <sup>2</sup>	\$ 0.00	\$ 9,328.17
Tioga County Soil and Water Conservation District	\$ 24,216.98	\$ 758,843.95
Tioga County <sup>2</sup>	\$ 0.00	\$ 0.00
Town of Ashland	\$ 0.00	\$ 0.00
Town of Blenheim	\$ 4,890.73	\$ 20,903.83
Town of Blooming Grove	\$ 299,990.20	\$ 2,351,836.37
Town of Bovina	\$ 0.00	\$ 0.00
Town of Broome	\$ 0.00	\$ 0.00
Town of Cairo	\$ 0.00	\$ 0.00
Town of Catskill	\$ 0.00	\$ 0.00
Town of Chenango	\$ 35,452.19	\$ 813,217.92
City of Binghamton	\$ 7,271.23	\$ 652,551.65
Town of Colchester	\$ 0.00	\$ 0.00
Town of Conklin	\$ 16,409.00	\$ 298,081.42
Town of Coxsackie	\$ 0.00	\$ 0.00
Town of Deposit	\$ 0.00	\$ 0.00
Town of Durham	\$ 0.00	\$ 0.00
Town of Esperance	\$ 54,609.99	\$ 916,620.19
Town of Fulton	\$ 0.00	\$ 0.00
Town of Halcott	\$ 0.00	\$ 0.00
Town of Hamden	\$ 0.00	\$ 0.00
Town of Hunter	\$ 0.00	\$ 0.00
City of Middletown	\$ 5,760.83	\$ 181,884.22
Town of Jewett	\$ 0.00	\$ 0.00
Town of Lexington	\$ 0.00	\$ 0.00
Town of Middleburgh	\$ 0.00	\$ 0.00
Town of Middletown	\$ 0.00	\$ 0.00



Town of Prattsville	\$ 27.31	\$ 70,970.66
Town of Roxbury	\$ 0.00	\$ 0.00
Town of Schoharie	\$ 54.62	\$ 40,922.73
Town of Sidney	\$ 0.00	\$ 0.00
Town of Tioga	\$ 101,280.55	\$ 1,436,021.20
Town of Tompkins	\$ 0.00	\$ 0.00
Delaware County <sup>2</sup>	\$ 109,554.81	\$ 2,943,779.06
Town of Vestal	\$ 28,822.33	\$ 66,615.70
Town of Walton	\$ 0.00	\$ 0.00
Town of Windham	\$ 7,123.09	\$ 853,575.95
Town of Hancock	\$ 0.00	\$ 0.00
Village of Athens	\$ 0.00	\$ 0.00
Village of Catskill	\$ 0.00	\$ 0.00
Village of Cobleskill	\$ 0.00	\$ 0.00
Village of Coxsackie	\$ 0.00	\$ 0.00
Village of Deposit	\$ 1,821.29	\$ 2,549.43
Village of Endicott	\$ 164,215.99	\$ 1,556,524.57
Dormitory Authority of the State of New York (DASNY)	\$ 18,211.65	\$ 1,627,437.63
Village of Fleischmanns	\$ 0.00	\$ 0.00
Village of Hancock	\$ 1,821.29	\$ 2,549.43
Village of Margaretville	\$ 0.00	\$ 7,180.41
Village of Middleburgh	\$ 9,226.87	\$ 74,785.63
Village of Nichols	\$ 15,533.99	\$ 2,402,715.40
Village of Owego	\$ 152,825.92	\$ 169,956.73
Village of Schoharie	\$ 0.00	\$ 10,519.16
Village of Sidney	\$ 0.00	\$ 0.00
Village of Tannersville	\$ 0.00	\$ 0.00
Village of Walton	\$ 0.00	\$ 0.00
Greene County	\$ 0.00	\$ 0.00
New York State	\$ 0.00	\$ 4,026,356.67
Schoharie County	\$ 1,191,984.09	\$ 5,140,582.64
Schoharie County, Soil and Water Conservation District	\$ 121,174.81	\$ 4,309,239.88

## Progress Toward Required Numeric Targets

Requirement	Target	Projected	Actual
<b>Overall Benefit Percentage</b>	45.59%		45.18%
<b>Minimum Non Federal Match</b>	\$ .00		\$ .00
<b>Limit on Public Services</b>	\$10,748,117.40		\$549,275.71
<b>Limit on Admin/Planning</b>	\$14,330,823.20		\$936,563.75
<b>Limit on Admin</b>	\$3,582,705.80		\$4,056.87
<b>Most Impacted and Distressed</b>	\$53,024,045.84		\$22,271,852.48

## 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 <https://stormrecovery.ny.gov/funding/action-plans-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 2020, GOSR totaled 155

employees working throughout the state. Staff levels will continue to meet the needs of the recovery programs. As of the end of Q4 2020, the State Community Reconstruction and Infrastructure programs have closed out 10 projects, with 13 projects having been closed out in Q3 2020.

## Project Summary

Project #, Project Title	This Report	To Date	
	Program Funds Drawdown	Project Funds Budgeted	Program Funds Drawdown
1042DR4-12, Schoharie County	\$0.00	\$0.00	\$0.00
1142DR5-12, Tioga County	\$0.00	\$50,000.00	\$0.00
135DR1-12, Broome County	\$0.00	\$0.00	\$0.00
317DR2-12, Delaware County	\$0.00	\$0.00	\$0.00
477DR3-12, Greene County	\$0.00	\$0.00	\$0.00
9999, Restricted Balance	\$0.00	\$0.00	\$0.00
Admin, Administration	\$0.00	\$3,582,706.00	\$4,056.87
ComRecon, Community Reconstruction	\$2,267,362.91	\$49,290,589.00	\$23,786,076.98
DELETED-ACTIVITIES, DELETED-ACTIVITIES (Temporary)	\$0.00	\$0.00	\$0.00
IL-Match, Match	\$0.00	\$4,022,299.80	\$4,022,299.80
SidneyFMP, Sidney Floodplain Management	\$109,418.24	\$14,758,521.20	\$2,943,642.49

## Activities

**Project # / 1042DR4-12 / Schoharie County**



<b>Grantee Activity Number:</b>	<b>1042DR1042C-12</b>
<b>Activity Title:</b>	<b>Road Reconstruction</b>

**Activity Type:**  
Construction/reconstruction of streets

**Activity Status:**  
Completed

**Project Number:**  
1042DR4-12

**Project Title:**  
Schoharie County

**Projected Start Date:**  
09/01/2011

**Projected End Date:**  
07/24/2015

**Benefit Type:**  
Area ( )

**Completed Activity Actual End Date:**

**National Objective:**  
Low/Mod

**Responsible Organization:**  
Schoharie County

Overall	Oct 1 thru Dec 31, 2020	To Date
<b>Total Projected Budget from All Sources</b>	\$0.00	\$0.00
<b>Total Budget</b>	\$0.00	\$0.00
<b>Total Obligated</b>	\$0.00	\$0.00
<b>Total Funds Drawdown</b>	\$0.00	\$0.00
<b>Program Funds Drawdown</b>	\$0.00	\$0.00
<b>Program Income Drawdown</b>	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	\$0.00	\$0.00
Schoharie County	\$0.00	\$0.00
<b>Most Impacted and Distressed Expended</b>	\$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 braketed 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 x 12ft 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 regraded 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)

Replace 495ft Corrugated Guide Rail at Site 12 Remove and replace 106ft Corrugated Guide Rail on Bridge 87. Note: The Applicant will be incurring Disaster Admin Costs, eligible costs will be reconciled at close out.

Scope of Work Work Complete

Full Section = Shoulder (2) 2ft x 4in Subbase + 2in Top, Road 20ft x 12in Subbase + 3in Binder and 2in Top Pavement Only = Shoulder (2) 2ft x 2in Top, Road 20ft x 3in Binder + 2in Top

Site	Location	Length	Damage	Township
1	N42-61015 W-074.39173	84ft	Full Section	Middleburgh
2	N42.60596 W-074.38014	131ft	Pavement only	"





&bs 20ft Med Rip Rap 3ft  
 13 N42.59470 W-74.36237 250ft Flat 50ft graded native scour material  
 14 N42.59456 W-74.36453 &nbs amp;s 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 crusrun 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 ondichrg 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 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.

1042DR4AQ-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 x 1FT D (50 x 5 .08/27 1CY x 13 = 4.3Tons 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 Haverhill Road PA-02-NY-4020-PW-01370 PA-02-NY-4020-State-0061(60)

Below is the list of start points a length of pavement/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 ft<sup>3</sup> / 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 - reclaimed materials to re-establish 100ft x 2 ft x 2 in = 178CY of ditch embankment

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. Armoring 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 1.4 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 remoaand repacet 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 any approe indirct cost raes. 1a. Jaked up East en ofbridg 3 f to 4ft andre-alined bidgeto 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 Engineering t conduct daage evaluationsand t prepae nd estimte.&nbs; 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.&nsp;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 x 6 x 4 = 240/27 = 9 CY estimated. 5). Embankment erosion approximately 25 FT x 14 FT x 2 FT deep at the NE corner. 25 x 14 x 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 x 25 x 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.  $100 \times 24 \times .33 = 792/27 = 29 \text{ CY} \times 3780\text{lbs/CY} = 110880/2000 = 55 \text{ Tons} @ \$115/\text{Ton} = \$6325.00$  2). Remove and replace damaged sections guiderail along the north approach approximately 90 LF total @  $\$45.50/\text{LF} = \$4095.00$  3). Remove and replace damaged guiderail posts along the north approach - approximately 20 posts @  $\$54.00 \text{ EA} = \$1080.00$  3). Remove 66 FT long x 24 FT wide x 2" thick deck wearing surface  $66 \times 24 = 1584/9 = 176 \text{ SY}(2)$  (For 2 IN thick) =  $352 \times 5.90 \text{ SY} = \$2077.00$  4). Remove and replace the damaged waterproofing membrane - Deck, under asphalt -  $66 \text{ LF} \times 24 \text{ LF} \times 66 \times 24 = 1584/9 = 176 \text{ SY} @ \$40.00 = \$7040.00$  3). Repave the 66 FT long x 24 FT wide x 2" thick deck wearing surface  $66 \times 24 \times .17 = 269/27 = 10 \text{ CY} \times 3780\text{lbs/CY} = 37669/2000 = 19 \text{ Tons} @ \$115.00/\text{Ton} = \$2185.00$   
**\$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 the same 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 45FT L x 10FT H x 5FT W ( $45 \times 10 \times 5/27 = 83\text{CY}$ ) that was destroyed with heavy stackable rock. Additionally, backfill the area of embankment directly behind the stone wall, 51FT L x 21FT W x 15 FT D ( $51 \times 21 \times 15/27 = 595\text{CY}$ ) with crusher run and replace the 20FT L x 15IN diameter 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 26FT L x 12FT D x 6FT H ( $26 \times 12 \times 6/27 = 69\text{CY}$ ) 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 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. 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 AGGREGATE 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 Coded 3011 - CY AGGREGATE 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-feet 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-feet 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) - Replaced a 20-ft x 18-inch HDPE culvert pipe and the 2 stacked 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)



were 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 = 176.2 tons; 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 bridges. 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 ( $35 \times 35 \times 0.25/27 = 11.3\text{CY}$ ); 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 ( $50 \times 30 \times 0.25/27 = 13.9\text{CY}$ ). 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) ( $30 \times 4 \times 3/27 = 13.3\text{CY} \times 2.3 \text{ Tons/CY} = 30.7 \text{ Tons}$ ). 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 on both sides of the road to its pre-disaster alignment. There was stream reshaping done in an area 100-ft x 15-ft wide on the north (pstream) side of the bridge. The applicant reused materials 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 1-ft thick (0.3CY or 0.7 Tons; Face Area 8-SF). A 30-ft 15-in HDPE culvert pipe was replaced. Crusher run 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 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. Bridge repairs will be included in separate SAs for each bridge. Five of the eight bridges noted have their inspection and engineering costs captured in the repair SA as noted below. The Applicant will be required to provide copies of prior inspection reports to demonstrate that there were no damages existing prior to the declared event. The following 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 in PW BG93. Three of these bridges (BG42 Zimmer Road Bridge, BG50 Schoonmaker Rd Bridge, and 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 ( $1120 \times 1 \times 1/27 = 622\text{CY}$  of sand and gravel and  $1120 \times 12 \times 2/27 = 996\text{CY}$  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 ( $120 \times 12 \times 1/27 = 53\text{CY}$  of sand and gravel and  $120 \times 12 \times 2/27 = 107\text{CY}$  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 ( $100 \times 12 \times 1/27 = 44\text{CY}$  of sand and gravel and  $100 \times 12 \times 2/27 =$

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 ( $100 \times 12 \times 1/27 = 44\text{CY}$  of sand and gravel and  $100 \times 12 \times 2/27 = 89\text{CY}$  rip rap). 3. At the Shady Tree Lane bridge replace washed out embankment and scour with 40FT L x 5FT W x 2FT D ( $40 \times 5 \times 2/27 = 15\text{CY}$  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 ( $48 \times 2 \times 1/27 = 7\text{CY}$  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 ( $350 \times 20/9 = 778\text{SY}$  of 3IN binder course). 5. Reshape and replace 350FT L x 2FT W x 4IN crusher run road shoulder ( $350 \times 2 \times .33/27 = 9\text{CY}$ ) that was scoured and washed out; additionally, reshape and replace approximately 6000SF x 15IN D ( $6000 \times 1.25/27 = 278\text{CY}$  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 ( $350 \times 20/9 = 778\text{SY}$  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 - \$220.00 + \$82,476 + \$13,301.38 = \$522,797.48. Contract total has been validated

1042DR4CI-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 to perform built embankment in place, repair bridge railings, horizontal clearance markers 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 = 54.1

CY 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 X 2ft = 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 2ft (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 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



Proosal). The Total Cost for itigation is less costly than the esimated replacemen 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 maintaind bridges. Such repair may not have been to pre-disaste condition. A Mitigatin Proposal was prepared to estimate hese osts and deducted from the Total Projec 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 rip rap (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, Ledgerock 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 4249015 W-74.44151 2.ReplacedCulvert 40ft x 6ft cmp and40ft x 20ft x 6ft av depth crusher run 3. Replaced 60t x 10ft x 4ft each side (2) upstreamlarge rip rap and 200ft x [8ft bank + 12ft bed + 8ft bank] x4ft 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: N42.49234 W-74.43587 Reset and cleaned Culvert Boiler Plate 20ft x 6ft. Site 11: N 42.50763 W-74.42.680 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 5t dia(not damaged) 1.&nbsp; Replaced Road ubrade 58ft x 32ft x 4ft cruser run washed out 2. &nbsp; Sream cleaning 200ft x 20ft Site 13:&nbsp; 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 x4ft Site 9: N42.49234 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.&nbsp; Work for repairing the damage elements to pre-disaster condition will consist f the following: The Schoharie Couty Highway Department accomplished thefollowing repairs t 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 consistsof completed work with atual costs attached. At GPS Lat 42.48775 / Long. -74.28667, a20 ft x 15 inch diameter driveway culvrt 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 te concrete lamination in the bottom of the 6ft X 60ft CMP culert, 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 tht they have an agreeent 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. TheCounty's records, that wee salvaged, are currently being estored and, if the agreement i part of those records, a copy will be roved. 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 & Country 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 police (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 curtainwalls, 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 fro bridge and project site 3. Removal of 34CY of superstructure (NW and NE wingwalls and curtainwalls). 4. Pacement of 34 CY of concretefor superstructure. (NWand NE wingwalls and curtainwalls) 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 curse on northern and southern appoaches. 12. Placement of 53 Ton f asphalt top course on northern and souhern pproaches. 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 raining (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 rating 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 approaches24. 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 te lowest responsible bidder (New Century Construction) in the amount of \$218,200.00. See attachedbids, bid analysis and recommdnation. Cost for work iems to be completed was prepared by te Project Specialist to validate contract'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 Lt. 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 C). 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 Mean, 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 not 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 NYSOT 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 sediment 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 DDDSOW 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 polystrand, 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 mi 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 steelbearing 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 Hubb Schtts 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

Saddlemire Hill Road PA-02-NY-4020-PW-0158 PA-02-NY-4020-State-0121(121)

To restore the damaged Saddlemire 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 - Concrete 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 predisaster 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 contract services to return the corrugated plate arch culvert 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 uide 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 aea to a uniform depth of 6 ft. at thebridge abutment. Pour 25ft X 1.75ft. X 6ft. 22CY) cement to fill abutment scour area. T 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, Houverville Rd., 290ft of box beam guide railing was installed. The Applicant used the following labor, equipment and aterials: Force Account Labor Regular ime - 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 should 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-f 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 nstalled in an area 120-ft long x 15-ft wide x 3-ft deep (200 CY or 270 Tons) along th road bank and crusher run was installed in a area 20-ft x 6-ft x 6-in (2.2 CY or 2.8 Tons) along he shoulder. Locaton #8 (GPS: 42.38407, -74.41648) - Small rip rap was repaced 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 sediment 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 documents 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 opening. - 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 is 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 wingwall 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 4 The 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 pushed 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:

## 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

**Activity Supporting Documents:** None

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<b>Grantee Activity Number:</b>	<b>1042DR110C-12</b>
<b>Activity Title:</b>	<b>Road Reconstruction</b>

**Activity Type:**  
Construction/reconstruction of streets

**Activity Status:**  
Completed

**Project Number:**  
1042DR4-12

**Project Title:**  
Schoharie County

**Projected Start Date:**  
09/01/2011

**Projected End Date:**  
01/09/2019

**Benefit Type:**  
Area ( )

**Completed Activity Actual End Date:**

**National Objective:**  
Low/Mod

**Responsible Organization:**  
Town of Blenheim

Overall	Oct 1 thru Dec 31, 2020	To Date
<b>Total Projected Budget from All Sources</b>	\$0.00	\$0.00
<b>Total Budget</b>	\$0.00	\$0.00
<b>Total Obligated</b>	\$0.00	\$0.00
<b>Total Funds Drawdown</b>	\$0.00	\$0.00
<b>Program Funds Drawdown</b>	\$0.00	\$0.00
<b>Program Income Drawdown</b>	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	\$0.00	\$0.00
Town of Blenheim	\$0.00	\$0.00
<b>Most Impacted and Distressed Expended</b>	\$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:**

**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

**Activity Supporting Documents:**

None



**Grantee Activity Number:** 1042DR254A-12

**Activity Title:** Debris Removal

**Activity Type:**

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

<b>Overall</b>	<b>Oct 1 thru Dec 31, 2020</b>	<b>To Date</b>
<b>Total Projected Budget from All Sources</b>	\$0.00	\$0.00
<b>Total Budget</b>	\$0.00	\$0.00
<b>Total Obligated</b>	\$0.00	\$0.00
<b>Total Funds Drawdown</b>	\$0.00	\$0.00
<b>Program Funds Drawdown</b>	\$0.00	\$0.00
<b>Program Income Drawdown</b>	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	\$0.00	\$0.00
Schoharie County	\$0.00	\$0.00
<b>Most Impacted and Distressed Expended</b>	\$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:**

**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

**Activity Supporting Documents:** None

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**Grantee Activity Number:** 1042DR4I-12

**Activity Title:** Debris Removal

**Activity Type:**

Debris removal

**Activity Status:**

Completed

**Project Number:**

1042DR4-12

**Project Title:**

Schoharie County

**Projected Start Date:**

09/01/2011

**Projected End Date:**

02/11/2012

**Benefit Type:**

Area ( )

**Completed Activity Actual End Date:**

**National Objective:**

Low/Mod

**Responsible Organization:**

Schoharie County

<b>Overall</b>	<b>Oct 1 thru Dec 31, 2020</b>	<b>To Date</b>
<b>Total Projected Budget from All Sources</b>	\$0.00	\$0.00
<b>Total Budget</b>	\$0.00	\$0.00
<b>Total Obligated</b>	\$0.00	\$0.00
<b>Total Funds Drawdown</b>	\$0.00	\$0.00
<b>Program Funds Drawdown</b>	\$0.00	\$0.00
<b>Program Income Drawdown</b>	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	\$0.00	\$0.00
Schoharie County	\$0.00	\$0.00
<b>Most Impacted and Distressed Expended</b>	\$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:**

**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	

**Activity Supporting Documents:** None

**Project # / Admin / Administration**

<b>Grantee Activity Number:</b>	<b>IL-Admin</b>
<b>Activity Title:</b>	<b>Administration</b>

<b>Activity Type:</b> Administration	<b>Activity Status:</b> Under Way
<b>Project Number:</b> Admin	<b>Project Title:</b> Administration
<b>Projected Start Date:</b> 07/27/2012	<b>Projected End Date:</b> 09/30/2022
<b>Benefit Type:</b> ( )	<b>Completed Activity Actual End Date:</b>
<b>National Objective:</b> N/A	<b>Responsible Organization:</b> New York State

<b>Overall</b>	<b>Oct 1 thru Dec 31, 2020</b>	<b>To Date</b>
<b>Total Projected Budget from All Sources</b>	\$0.00	\$300,000.00
<b>Total Budget</b>	\$0.00	\$300,000.00
<b>Total Obligated</b>	\$0.00	\$39,330.48
<b>Total Funds Drawdown</b>	\$0.00	\$4,056.87
<b>Program Funds Drawdown</b>	\$0.00	\$4,056.87
<b>Program Income Drawdown</b>	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	\$0.00	\$4,056.87
New York State	\$0.00	\$4,056.87
<b>Most Impacted and Distressed Expended</b>	\$600.01	\$600.01

**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:**

The Governors Office of Storm Recovery (GOSR) of the Housing Trust Fund Corporation has continued to support the necessary staff resources to administer the PL 112-55 allocation of CDBG-DR funds for New York State. GOSR maintains a staff, office space, and intake center facilities in New York City, Albany, and Long Island to carry out its recovery activities for all of New York State's allocations. GOSRs activities include general management, oversight, and coordination of planning activities and programs. GOSR also covers the costs of facilities, office supplies, and equipment through administrative funds. Administration and Planning expenditures are funded primarily through the State's PL 113-2 Allocation. At the end of Q4 2020, GOSR totaled 155 staff involved in programmatic and operational work for all of New York State's allocations. GOSR is continuing to focus on maintaining the capacity needed for the implementation of all of the recovery programs,



including those funded in part by PL 112-55, the community reconstruction and infrastructure programs, as well as in other key areas such as legal, policy, finance, and organizational systems. Due to the State of Emergency declared by both the Federal and the State government in response to the Covid-19 pandemic, as well as ongoing developments related to pandemic, the Monitoring and Compliance Department did not conduct monitoring of subrecipients during Q4 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

Activity Supporting Documents: None

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**Project # / ComRecon / Community Reconstruction**

**Grantee Activity Number:** IL-CR-BlenheimMuni-AQPF-LMI

**Activity Title:** BlenheimMuni CR

**Activity Type:**

Acquisition, construction, reconstruction of public facilities

**Project Number:**

ComRecon

**Projected Start Date:**

12/30/2017

**Benefit Type:**

Area ( )

**National Objective:**

Low/Mod

**Activity Status:**

Under Way

**Project Title:**

Community Reconstruction

**Projected End Date:**

12/30/2019

**Completed Activity Actual End Date:**

**Responsible Organization:**

Schoharie County

**Overall**

**Total Projected Budget from All Sources**

**Oct 1 thru Dec 31, 2020**

**To Date**

\$0.00

\$4,100,000.00

**Total Budget**

\$564,381.69

\$4,100,000.00

**Total Obligated**

\$245,926.74

\$3,275,324.81

**Total Funds Drawdown**

\$245,926.74

\$3,275,324.81

**Program Funds Drawdown**

\$245,926.74

\$3,275,324.81

**Program Income Drawdown**

\$0.00

\$0.00

**Program Income Received**

\$0.00

\$0.00

**Total Funds Expended**

\$245,926.74

\$3,275,324.81

Schoharie County

\$245,926.74

\$3,275,324.81

**Most Impacted and Distressed Expended**

\$245,926.74

\$3,275,324.81

**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:**

County Subunit Town of Blenheim. GEOID 3609506893

**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

**Activity Supporting Documents:** None

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**Grantee Activity Number:** IL-CR-CentralBridgeWaterSewerDstclmpr-PF-LMI

**Activity Title:** CentralBridgeWaterSewerDstclmpr CR

**Activity Type:**

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:**

09/30/2022

**Completed Activity Actual End Date:**

**Responsible Organization:**

Town of Esperance

<b>Overall</b>	<b>Oct 1 thru Dec 31, 2020</b>	<b>To Date</b>
<b>Total Projected Budget from All Sources</b>	\$0.00	\$331,877.84
<b>Total Budget</b>	\$0.00	\$331,877.84
<b>Total Obligated</b>	\$2,971.16	\$41,249.96
<b>Total Funds Drawdown</b>	\$2,971.16	\$41,249.96
<b>Program Funds Drawdown</b>	\$2,971.16	\$41,249.96
<b>Program Income Drawdown</b>	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	\$2,971.16	\$41,249.96
Town of Esperance	\$2,971.16	\$41,249.96
<b>Most Impacted and Distressed Expended</b>	\$2,971.16	\$41,249.96

**Activity Description:**

The project will include the design and construction of improvements to the Central Bridge Water and Sewer District Water Treatment Plant filtration system. Improvements will include the addition of a sedimentation/clarification stage upstream of the slow sand filters. Following the slow sand filters, additional polishing filters will be installed to remove the remaining organics and an ultraviolet light system will be installed for disinfection.

**Location Description:**

The GEOIDS for this project include 360957401001 and 360957401003.

**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

**Activity Supporting Documents:** None

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**Grantee Activity Number:** IL-CR-CentralEndicottDrainageImprvmnts-PI-LMI

**Activity Title:** CentralEndicottDrainageImprvmnts CR

**Activity Type:**

Rehabilitation/reconstruction of a public improvement

**Project Number:**

ComRecon

**Projected Start Date:**

12/30/2017

**Benefit Type:**

Area ( )

**National Objective:**

Low/Mod

**Activity Status:**

Under Way

**Project Title:**

Community Reconstruction

**Projected End Date:**

12/30/2019

**Completed Activity Actual End Date:**

**Responsible Organization:**

Village of Endicott

**Overall**

	<b>Oct 1 thru Dec 31, 2020</b>	<b>To Date</b>
<b>Total Projected Budget from All Sources</b>	\$0.00	\$2,047,256.17
<b>Total Budget</b>	\$300,000.00	\$2,047,256.17
<b>Total Obligated</b>	\$0.00	\$1,443,476.27
<b>Total Funds Drawdown</b>	\$155,946.27	\$1,443,476.27
<b>Program Funds Drawdown</b>	\$155,946.27	\$1,443,476.27
<b>Program Income Drawdown</b>	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	\$155,946.27	\$1,443,476.27
Village of Endicott	\$155,946.27	\$1,443,476.27
<b>Most Impacted and Distressed Expended</b>	\$155,946.27	\$1,443,476.27

**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:**

**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

**Activity Supporting Documents:** None

---

**Grantee Activity Number:** IL-CR-ConklinWellnessCommunityCtr-PF-PLAN

**Activity Title:** ConklinWellnessCommunityCtr CR

**Activity Type:**

Planning

**Project Number:**

ComRecon

**Projected Start Date:**

07/25/2012

**Benefit Type:**

Area ( )

**National Objective:**

N/A

**Activity Status:**

Under Way

**Project Title:**

Community Reconstruction

**Projected End Date:**

09/28/2022

**Completed Activity Actual End Date:**

**Responsible Organization:**

Town of Conklin

<b>Overall</b>	<b>Oct 1 thru Dec 31, 2020</b>	<b>To Date</b>
<b>Total Projected Budget from All Sources</b>	\$0.00	\$596,206.22
<b>Total Budget</b>	\$0.00	\$596,206.22
<b>Total Obligated</b>	\$16,409.00	\$298,081.42
<b>Total Funds Drawdown</b>	\$16,409.00	\$298,081.42
<b>Program Funds Drawdown</b>	\$16,409.00	\$298,081.42
<b>Program Income Drawdown</b>	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	\$16,409.00	\$298,081.42
Town of Conklin	\$16,409.00	\$298,081.42
<b>Most Impacted and Distressed Expended</b>	\$16,409.00	\$298,081.42

**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:**

**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

**Activity Supporting Documents:** None

---

<b>Grantee Activity Number:</b>	<b>IL-CR-CriticalFacilitiesFIdMitigation-PF-UN</b>
<b>Activity Title:</b>	<b>CriticalFacilitiesFIdMitigation CR</b>

**Activity Type:**  
Rehabilitation/reconstruction of public facilities

**Project Number:**  
ComRecon

**Projected Start Date:**  
12/30/2017

**Benefit Type:**  
Area ( )

**National Objective:**  
Urgent Need

**Activity Status:**  
Under Way

**Project Title:**  
Community Reconstruction

**Projected End Date:**  
09/29/2022

**Completed Activity Actual End Date:**

**Responsible Organization:**  
Town of Blooming Grove

<b>Overall</b>	<b>Oct 1 thru Dec 31, 2020</b>	<b>To Date</b>
<b>Total Projected Budget from All Sources</b>	\$0.00	\$2,043,812.26
<b>Total Budget</b>	\$0.00	\$2,043,812.26
<b>Total Obligated</b>	\$80,281.06	\$1,532,746.59
<b>Total Funds Drawdown</b>	\$79,067.13	\$1,531,532.66
<b>Program Funds Drawdown</b>	\$79,067.13	\$1,531,532.66
<b>Program Income Drawdown</b>	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	\$79,067.13	\$1,531,532.66
Town of Blooming Grove	\$79,067.13	\$1,531,532.66
<b>Most Impacted and Distressed Expended</b>	\$79,067.13	\$1,531,532.66

**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:**

Blooming Grove Town (County Subunit GEOID 3607107003)

**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

**Activity Supporting Documents:** None

---

<b>Grantee Activity Number:</b>	<b>IL-CR-EndicottWaterSupplnter-PI-UN</b>
<b>Activity Title:</b>	<b>Water Supply Interconnection CR</b>

**Activity Type:**  
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, 2020	To Date
<b>Total Projected Budget from All Sources</b>	\$0.00	\$397,960.81
<b>Total Budget</b>	\$0.00	\$397,960.81
<b>Total Obligated</b>	\$8,269.72	\$113,048.30
<b>Total Funds Drawdown</b>	\$8,269.72	\$113,048.30
<b>Program Funds Drawdown</b>	\$8,269.72	\$113,048.30
<b>Program Income Drawdown</b>	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	\$8,269.72	\$113,048.30
Village of Endicott	\$8,269.72	\$113,048.30
<b>Most Impacted and Distressed Expended</b>	\$8,269.72	\$113,048.30

**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:**



## 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

**Activity Supporting Documents:**

None

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**Grantee Activity Number:** IL-CR-EsperanceLandisArboretumShelter-PF-UN

**Activity Title:** EsperanceLandisArboretumShelter CR

**Activity Type:**

Rehabilitation/reconstruction of public facilities

**Project Number:**

ComRecon

**Projected Start Date:**

12/30/2017

**Benefit Type:**

Area ( )

**National Objective:**

Urgent Need

**Activity Status:**

Under Way

**Project Title:**

Community Reconstruction

**Projected End Date:**

09/29/2022

**Completed Activity Actual End Date:**

**Responsible Organization:**

Town of Esperance

**Overall**

	<b>Oct 1 thru Dec 31, 2020</b>	<b>To Date</b>
<b>Total Projected Budget from All Sources</b>	\$0.00	\$1,400,000.00
<b>Total Budget</b>	\$0.00	\$1,400,000.00
<b>Total Obligated</b>	\$52,578.92	\$831,188.34
<b>Total Funds Drawdown</b>	\$52,578.92	\$831,188.34
<b>Program Funds Drawdown</b>	\$52,578.92	\$831,188.34
<b>Program Income Drawdown</b>	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	\$43,338.92	\$821,948.34
Town of Esperance	\$43,338.92	\$821,948.34
<b>Most Impacted and Distressed Expended</b>	\$43,338.92	\$821,948.34

**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:**

**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

**Activity Supporting Documents:** None

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**Grantee Activity Number:** IL-CR-FloodResiliencePublicEducation-PS-LMI

**Activity Title:** FloodResiliencePublicEducation CR

**Activity Type:**

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:**

Low/Mod

**Responsible Organization:**

Schoharie County

Overall	Oct 1 thru Dec 31, 2020	To Date
<b>Total Projected Budget from All Sources</b>	\$0.00	\$316,787.25
<b>Total Budget</b>	\$0.00	\$316,787.25
<b>Total Obligated</b>	\$0.00	\$74,146.42
<b>Total Funds Drawdown</b>	\$0.00	\$74,146.42
<b>Program Funds Drawdown</b>	\$0.00	\$74,146.42
<b>Program Income Drawdown</b>	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	\$0.00	\$74,146.42
Schoharie County	\$0.00	\$74,146.42
<b>Most Impacted and Distressed Expended</b>	\$0.00	\$74,146.42

**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 GEOID for this project is 36095

**Activity Progress Narrative:**

**Accomplishments Performance Measures**

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of Non-business	0	1/1



### 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	

**Activity Supporting Documents:** None

---



**Grantee Activity Number:** IL-CR-FrontStreetStormwaterSeparation-PI-LMI

**Activity Title:** FrontStreetStormwaterSeparation CR

**Activity Type:**  
Rehabilitation/reconstruction of a public improvement  
**Project Number:**  
ComRecon  
**Projected Start Date:**  
12/30/2017  
**Benefit Type:**  
Area ( )  
**National Objective:**  
Low/Mod

**Activity Status:**  
Under Way  
**Project Title:**  
Community Reconstruction  
**Projected End Date:**  
12/30/2019  
**Completed Activity Actual End Date:**  
  
**Responsible Organization:**  
City of Binghamton

Overall	Oct 1 thru Dec 31, 2020	To Date
<b>Total Projected Budget from All Sources</b>	\$0.00	\$1,312,000.00
<b>Total Budget</b>	\$0.00	\$1,312,000.00
<b>Total Obligated</b>	\$7,271.23	\$652,551.65
<b>Total Funds Drawdown</b>	\$7,271.23	\$652,551.65
<b>Program Funds Drawdown</b>	\$7,271.23	\$652,551.65
<b>Program Income Drawdown</b>	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	\$7,271.23	\$652,551.65
City of Binghamton	\$7,271.23	\$652,551.65
<b>Most Impacted and Distressed Expended</b>	\$7,271.23	\$652,551.65

**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:**

**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

**Activity Supporting Documents:** None

---



<b>Grantee Activity Number:</b>	<b>IL-CR-GaylordStrmCrossReplace-UN</b>
<b>Activity Title:</b>	<b>GaylordStrmCrossReplace</b>

**Activity Type:**  
Rehabilitation/reconstruction of a public improvement

**Project Number:**  
ComRecon

**Projected Start Date:**  
08/28/2011

**Benefit Type:**  
Area ( )

**National Objective:**  
Urgent Need

**Activity Status:**  
Under Way

**Project Title:**  
Community Reconstruction

**Projected End Date:**  
07/20/2015

**Completed Activity Actual End Date:**

**Responsible Organization:**  
Delaware County2

Overall	Oct 1 thru Dec 31, 2020	To Date
<b>Total Projected Budget from All Sources</b>	\$0.00	\$150,000.00
<b>Total Budget</b>	\$50,000.00	\$150,000.00
<b>Total Obligated</b>	\$1,035.29	\$1,035.29
<b>Total Funds Drawdown</b>	\$1,035.29	\$1,035.29
<b>Program Funds Drawdown</b>	\$1,035.29	\$1,035.29
<b>Program Income Drawdown</b>	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	\$0.00	\$0.00
Delaware County2	\$0.00	\$0.00
<b>Most Impacted and Distressed Expended</b>	\$0.00	\$0.00

**Activity Description:**

Project involves the replacement of the existing Gaylord Road culvert crossing of an unnamed tributary to Apalachin Creek in the Town of Owego located in Tioga County, New York. This will minimize blockage and washout of the stream at this location, increase stability of the culvert in the event of future storm events, and increase aquatic passage.

**Location Description:**

Tioga County: 361070204012

**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

**Activity Supporting Documents:** None

---



<b>Grantee Activity Number:</b>	<b>IL-CR-MaysFieldDamRemoval-PI-UN</b>
<b>Activity Title:</b>	<b>MaysFieldDamRemoval CR</b>

**Activity Type:**  
Rehabilitation/reconstruction of a public improvement

**Project Number:**  
ComRecon

**Projected Start Date:**  
12/30/2017

**Benefit Type:**  
Area ( )

**National Objective:**  
Urgent Need

**Activity Status:**  
Under Way

**Project Title:**  
Community Reconstruction

**Projected End Date:**  
09/29/2022

**Completed Activity Actual End Date:**

**Responsible Organization:**  
Town of Blooming Grove

<b>Overall</b>	<b>Oct 1 thru Dec 31, 2020</b>	<b>To Date</b>
<b>Total Projected Budget from All Sources</b>	\$0.00	\$706,559.89
<b>Total Budget</b>	\$0.00	\$706,559.89
<b>Total Obligated</b>	\$207,414.19	\$364,903.24
<b>Total Funds Drawdown</b>	\$198,191.74	\$352,158.01
<b>Program Funds Drawdown</b>	\$198,191.74	\$352,158.01
<b>Program Income Drawdown</b>	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	\$198,191.74	\$352,158.01
Town of Blooming Grove	\$198,191.74	\$352,158.01
<b>Most Impacted and Distressed Expended</b>	(\$153,966.27)	\$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:**

CDP Washingtonville (GEOID: 3678465)

**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	

**Activity Supporting Documents:** None

---

**Grantee Activity Number:** IL-CR-MiddleburghNewAmbulBldingShelter-AQPF-LMI

**Activity Title:** New Ambulance Building and Shelter CR-II

**Activity Type:**

Acquisition, construction, reconstruction of public facilities

**Project Number:**

ComRecon

**Projected Start Date:**

01/10/2017

**Benefit Type:**

Area ( )

**National Objective:**

Low/Mod

**Activity Status:**

Under Way

**Project Title:**

Community Reconstruction

**Projected End Date:**

09/30/2022

**Completed Activity Actual End Date:**

**Responsible Organization:**

Delaware County2

<b>Overall</b>	<b>Oct 1 thru Dec 31, 2020</b>	<b>To Date</b>
<b>Total Projected Budget from All Sources</b>	\$0.00	\$300,000.00
<b>Total Budget</b>	\$0.00	\$300,000.00
<b>Total Obligated</b>	\$136.57	\$136.57
<b>Total Funds Drawdown</b>	\$136.57	\$136.57
<b>Program Funds Drawdown</b>	\$136.57	\$136.57
<b>Program Income Drawdown</b>	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	\$136.57	\$136.57
Delaware County2	\$136.57	\$136.57
<b>Most Impacted and Distressed Expended</b>	\$136.57	\$136.57

**Activity Description:**

Construct a new ambulance building and emergency shelter in the Town/Village of Middleburgh.

**Location Description:**

County Subdivision: Town of Middleburgh in Schoharie County  
GEOID: 3609546855

**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	

Activity Supporting Documents: None

---

**Grantee Activity Number:** IL-CR-MonhagenBrookCulvertProj-PI-LMI  
**Activity Title:** MonhagenBrookCulvertProj CR

**Activity Type:**  
 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 Middletown

Overall	Oct 1 thru Dec 31, 2020	To Date
<b>Total Projected Budget from All Sources</b>	\$0.00	\$688,469.32
<b>Total Budget</b>	\$0.00	\$688,469.32
<b>Total Obligated</b>	\$6,011.08	\$182,134.47
<b>Total Funds Drawdown</b>	\$6,011.08	\$182,134.47
<b>Program Funds Drawdown</b>	\$6,011.08	\$182,134.47
<b>Program Income Drawdown</b>	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	\$5,760.83	\$181,884.22
City of Middletown	\$5,760.83	\$181,884.22
<b>Most Impacted and Distressed Expended</b>	\$5,760.83	\$181,884.22

**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.

**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

**Activity Supporting Documents:** None

---

**Grantee Activity Number:** IL-CR-NicholsEmergencyPreparedness-PF-UN

**Activity Title:** NicholsEmergencyPreparedness CR

**Activity Type:**  
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	Oct 1 thru Dec 31, 2020	To Date
<b>Total Projected Budget from All Sources</b>	\$0.00	\$740,000.00
<b>Total Budget</b>	\$0.00	\$740,000.00
<b>Total Obligated</b>	\$0.00	\$357,112.37
<b>Total Funds Drawdown</b>	\$0.00	\$342,320.87
<b>Program Funds Drawdown</b>	\$0.00	\$342,320.87
<b>Program Income Drawdown</b>	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	\$0.00	\$342,320.87
Village of Nichols	\$0.00	\$342,320.87
<b>Most Impacted and Distressed Expended</b>	\$0.00	\$342,320.87

**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:**

Nichols Town County Subunit (GEOID: 3610751121)

**Activity Progress Narrative:**

**Accomplishments Performance Measures**

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of public facilities	3	3/3



## Beneficiaries Performance Measures

	This Report Period			Cumulative Actual Total / Expected			
	Low	Mod	Total	Low	Mod	Total	Low/Mod
# of Persons	605	650	2720	605/605	650/650	2720/2720	46.14

## 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	

Activity Supporting Documents: None

---



<b>Grantee Activity Number:</b>	<b>IL-CR-NicholsJointFireStation-PF-UN</b>
<b>Activity Title:</b>	<b>NicholsJointFireStation CR</b>

**Activity Type:**  
Rehabilitation/reconstruction of public facilities

**Project Number:**  
ComRecon

**Projected Start Date:**  
07/25/2019

**Benefit Type:**  
Area ( )

**National Objective:**  
Urgent Need

**Activity Status:**  
Under Way

**Project Title:**  
Community Reconstruction

**Projected End Date:**  
07/26/2019

**Completed Activity Actual End Date:**

**Responsible Organization:**  
Village of Nichols

<b>Overall</b>	<b>Oct 1 thru Dec 31, 2020</b>	<b>To Date</b>
<b>Total Projected Budget from All Sources</b>	\$0.00	\$1,803,075.99
<b>Total Budget</b>	\$0.00	\$1,803,075.99
<b>Total Obligated</b>	\$10,496.94	\$1,239,605.81
<b>Total Funds Drawdown</b>	\$10,496.94	\$1,239,605.81
<b>Program Funds Drawdown</b>	\$10,496.94	\$1,239,605.81
<b>Program Income Drawdown</b>	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	\$10,496.94	\$1,239,605.81
Village of Nichols	\$10,496.94	\$1,239,605.81
<b>Most Impacted and Distressed Expended</b>	\$10,496.94	\$1,239,605.81

**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:**

**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

**Activity Supporting Documents:** None

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**Grantee Activity Number:** IL-CR-OwegoSharedMunicipalFacility-PF-UN

**Activity Title:** Owego Shared Municipal Facility CR-II

**Activity Type:**

Rehabilitation/reconstruction of public facilities

**Project Number:**

ComRecon

**Projected Start Date:**

01/08/2017

**Benefit Type:**

Area ( )

**National Objective:**

Urgent Need

**Activity Status:**

Under Way

**Project Title:**

Community Reconstruction

**Projected End Date:**

09/28/2022

**Completed Activity Actual End Date:**

**Responsible Organization:**

Town of Bovina

<b>Overall</b>	<b>Oct 1 thru Dec 31, 2020</b>	<b>To Date</b>
<b>Total Projected Budget from All Sources</b>	\$0.00	\$1,450,000.00
<b>Total Budget</b>	\$1,037,230.42	\$1,450,000.00
<b>Total Obligated</b>	\$1,014,689.36	\$1,014,689.36
<b>Total Funds Drawdown</b>	\$0.00	\$0.00
<b>Program Funds Drawdown</b>	\$0.00	\$0.00
<b>Program Income Drawdown</b>	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	\$0.00	\$0.00
Town of Bovina	\$0.00	\$0.00
<b>Most Impacted and Distressed Expended</b>	\$0.00	\$0.00

**Activity Description:**

The Owego Shared Municipal Facility project will fund the construction of a new municipal services building outside the floodplain to serve the Town and Village of Owego municipalities

**Location Description:**

County subdivision, Town of Owego (GEOID: 3610755893)

**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

**Activity Supporting Documents:** None

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<b>Grantee Activity Number:</b>	<b>IL-CR-PrattsvilleRegHealthFac-PLAN</b>
<b>Activity Title:</b>	<b>PrattsvilleRegHealthFac CR</b>

<b>Activity Type:</b> Planning	<b>Activity Status:</b> Under Way
<b>Project Number:</b> ComRecon	<b>Project Title:</b> Community Reconstruction
<b>Projected Start Date:</b> 12/30/2017	<b>Projected End Date:</b> 09/29/2022
<b>Benefit Type:</b> Area ( )	<b>Completed Activity Actual End Date:</b>
<b>National Objective:</b> N/A	<b>Responsible Organization:</b> Town of Prattsville

<b>Overall</b>	<b>Oct 1 thru Dec 31, 2020</b>	<b>To Date</b>
<b>Total Projected Budget from All Sources</b>	\$0.00	\$350,565.45
<b>Total Budget</b>	\$0.00	\$350,565.45
<b>Total Obligated</b>	\$27.31	\$70,970.66
<b>Total Funds Drawdown</b>	\$27.31	\$70,970.66
<b>Program Funds Drawdown</b>	\$27.31	\$70,970.66
<b>Program Income Drawdown</b>	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	\$27.31	\$70,970.66
Town of Prattsville	\$27.31	\$70,970.66
<b>Most Impacted and Distressed Expended</b>	\$27.31	\$70,970.66

**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:**

## 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

**Activity Supporting Documents:**

None

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<b>Grantee Activity Number:</b>	<b>IL-CR-RebuildFultonTownHall-PF-LMI</b>
<b>Activity Title:</b>	<b>RebuildFultonTownHall CR</b>

**Activity Type:**

Rehabilitation/reconstruction of public facilities

**Project Number:**

ComRecon

**Projected Start Date:**

12/27/2017

**Benefit Type:**

Area ( )

**National Objective:**

Low/Mod

**Activity Status:**

Under Way

**Project Title:**

Community Reconstruction

**Projected End Date:**

12/27/2019

**Completed Activity Actual End Date:**

**Responsible Organization:**

Schoharie County

<b>Overall</b>	<b>Oct 1 thru Dec 31, 2020</b>	<b>To Date</b>
<b>Total Projected Budget from All Sources</b>	\$0.00	\$1,923,338.74
<b>Total Budget</b>	\$654,786.71	\$1,923,338.74
<b>Total Obligated</b>	\$650,078.41	\$1,118,630.44
<b>Total Funds Drawdown</b>	\$650,078.41	\$1,118,630.44
<b>Program Funds Drawdown</b>	\$650,078.41	\$1,118,630.44
<b>Program Income Drawdown</b>	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	\$650,078.41	\$1,118,630.44
Schoharie County	\$650,078.41	\$1,118,630.44
<b>Most Impacted and Distressed Expended</b>	\$650,078.41	\$1,118,630.44

**Activity Description:**

The County of Schoharie is requesting funding to design and reconstruct the Town of Fulton Municipal Complex.

**Location Description:**

The County Subunit: Town of Fulton in Schoharie County.

**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	

Activity Supporting Documents: None

---

**Grantee Activity Number:** IL-CR-RecreationImprovCrkStabilization-PI-UN

**Activity Title:** RecreationImprovCrkStabilization CR

**Activity Type:**  
Rehabilitation/reconstruction of a public improvement  
**Project Number:**  
ComRecon  
**Projected Start Date:**  
12/29/2017  
**Benefit Type:**  
Area ( )  
**National Objective:**  
Urgent Need

**Activity Status:**  
Under Way  
**Project Title:**  
Community Reconstruction  
**Projected End Date:**  
12/29/2019  
**Completed Activity Actual End Date:**  
  
**Responsible Organization:**  
Village of Nichols

Overall	Oct 1 thru Dec 31, 2020	To Date
<b>Total Projected Budget from All Sources</b>	\$0.00	\$1,340,907.79
<b>Total Budget</b>	\$0.00	\$1,340,907.79
<b>Total Obligated</b>	\$5,037.05	\$783,582.65
<b>Total Funds Drawdown</b>	\$5,037.05	\$783,582.65
<b>Program Funds Drawdown</b>	\$5,037.05	\$783,582.65
<b>Program Income Drawdown</b>	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	\$5,037.05	\$783,582.65
Village of Nichols	\$5,037.05	\$783,582.65
<b>Most Impacted and Distressed Expended</b>	\$5,037.05	\$783,582.65

**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:**

**Accomplishments Performance Measures**

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of public facilities	3	3/1





### 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

Activity Supporting Documents:

None



**Grantee Activity Number:** IL-CR-RecruitVolunteerFirstResponders-PS-LMI

**Activity Title:** RecruitVolunteerFirstResponders CR

**Activity Type:**

Public services

**Project Number:**

ComRecon

**Projected Start Date:**

07/27/2019

**Benefit Type:**

Area ( )

**National Objective:**

Low/Mod

**Activity Status:**

Under Way

**Project Title:**

Community Reconstruction

**Projected End Date:**

07/28/2019

**Completed Activity Actual End Date:**

**Responsible Organization:**

Schoharie County

Overall	Oct 1 thru Dec 31, 2020	To Date
<b>Total Projected Budget from All Sources</b>	\$0.00	\$325,178.22
<b>Total Budget</b>	\$0.00	\$325,178.22
<b>Total Obligated</b>	\$0.00	\$35,658.98
<b>Total Funds Drawdown</b>	\$0.00	\$35,658.98
<b>Program Funds Drawdown</b>	\$0.00	\$35,658.98
<b>Program Income Drawdown</b>	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	\$0.00	\$35,658.98
Schoharie County	\$0.00	\$35,658.98
<b>Most Impacted and Distressed Expended</b>	\$0.00	\$35,658.98

**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 GEOID for this project is 36095

**Activity Progress Narrative:**

**Accomplishments Performance Measures**

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of Non-business	0	1/1



### 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	

**Activity Supporting Documents:** None

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**Grantee Activity Number:** IL-CR-ReloTBloomGroveCentMainFacil-PF-UN

**Activity Title:** ReloTBloomGroveCentMainFacil CR

**Activity Type:**

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

<b>Overall</b>	<b>Oct 1 thru Dec 31, 2020</b>	<b>To Date</b>
<b>Total Projected Budget from All Sources</b>	\$0.00	\$405,264.40
<b>Total Budget</b>	\$0.00	\$405,264.40
<b>Total Obligated</b>	\$5,009.58	\$172,410.03
<b>Total Funds Drawdown</b>	\$5,009.58	\$164,141.73
<b>Program Funds Drawdown</b>	\$5,009.58	\$164,141.73
<b>Program Income Drawdown</b>	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	\$5,009.58	\$164,141.73
Town of Blooming Grove	\$5,009.58	\$164,141.73
<b>Most Impacted and Distressed Expended</b>	\$5,009.58	\$164,141.73

**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:**

County Subunit of Blooming Grove Town (GEOD: 3607107003)

**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

**Activity Supporting Documents:** None

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<b>Grantee Activity Number:</b>	<b>IL-CR-ScatterSitePumps-PF-LMI</b>
<b>Activity Title:</b>	<b>ScatterSitePumps CR</b>

**Activity Type:**  
Rehabilitation/reconstruction of public facilities

**Project Number:**  
ComRecon

**Projected Start Date:**  
12/28/2017

**Benefit Type:**  
Area ( )

**National Objective:**  
Low/Mod

**Activity Status:**  
Under Way

**Project Title:**  
Community Reconstruction

**Projected End Date:**  
12/28/2019

**Completed Activity Actual End Date:**

**Responsible Organization:**  
Dormitory Authority of the State of New York

<b>Overall</b>	<b>Oct 1 thru Dec 31, 2020</b>	<b>To Date</b>
<b>Total Projected Budget from All Sources</b>	\$0.00	\$2,109,937.33
<b>Total Budget</b>	\$0.00	\$2,109,937.33
<b>Total Obligated</b>	\$18,211.65	\$1,371,445.08
<b>Total Funds Drawdown</b>	\$18,211.65	\$1,370,727.32
<b>Program Funds Drawdown</b>	\$18,211.65	\$1,370,727.32
<b>Program Income Drawdown</b>	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	\$18,211.65	\$1,370,727.32
Dormitory Authority of the State of New York (DASNY)	\$18,211.65	\$1,370,727.32
<b>Most Impacted and Distressed Expended</b>	\$18,211.65	\$1,370,727.32

**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:**

**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

**Activity Supporting Documents:** None

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<b>Grantee Activity Number:</b>	<b>IL-CR-SchoharieCountyWestFultonFireDept-PF-LMI</b>
<b>Activity Title:</b>	<b>SchoharieCountyWestFultonFireDept CR</b>

<b>Activity Type:</b> Rehabilitation/reconstruction of public facilities	<b>Activity Status:</b> Under Way
<b>Project Number:</b> ComRecon	<b>Project Title:</b> Community Reconstruction
<b>Projected Start Date:</b> 12/28/2017	<b>Projected End Date:</b> 12/28/2019
<b>Benefit Type:</b> Area ( )	<b>Completed Activity Actual End Date:</b>
<b>National Objective:</b> Low/Mod	<b>Responsible Organization:</b> Schoharie County

<b>Overall</b>	<b>Oct 1 thru Dec 31, 2020</b>	<b>To Date</b>
<b>Total Projected Budget from All Sources</b>	\$0.00	\$1,246,649.54
<b>Total Budget</b>	\$195,357.12	\$1,246,649.54
<b>Total Obligated</b>	\$293,231.64	\$636,821.99
<b>Total Funds Drawdown</b>	\$293,231.64	\$636,821.99
<b>Program Funds Drawdown</b>	\$293,231.64	\$636,821.99
<b>Program Income Drawdown</b>	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	\$295,978.94	\$636,821.99
Schoharie County	\$295,978.94	\$636,821.99
<b>Most Impacted and Distressed Expended</b>	\$295,978.94	\$636,821.99

**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:**

**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

**Activity Supporting Documents:** None

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<b>Grantee Activity Number:</b>	<b>IL-CR-SCSWCDGorgeCrkCulRepair-PI-LMI</b>
<b>Activity Title:</b>	<b>SCSWCD Gorge Creek Culvert Repair CR</b>

**Activity Type:**  
Rehabilitation/reconstruction of a public improvement

**Project Number:**  
ComRecon

**Projected Start Date:**  
12/30/2017

**Benefit Type:**  
Area ( )

**National Objective:**  
Low/Mod

**Activity Status:**  
Under Way

**Project Title:**  
Community Reconstruction

**Projected End Date:**  
12/30/2019

**Completed Activity Actual End Date:**

**Responsible Organization:**  
Schoharie County, Soil and Water Conservation

<b>Overall</b>	<b>Oct 1 thru Dec 31, 2020</b>	<b>To Date</b>
<b>Total Projected Budget from All Sources</b>	\$0.00	\$2,000,000.00
<b>Total Budget</b>	\$0.00	\$2,000,000.00
<b>Total Obligated</b>	\$81,373.48	\$1,471,558.07
<b>Total Funds Drawdown</b>	\$81,373.48	\$1,471,558.07
<b>Program Funds Drawdown</b>	\$81,373.48	\$1,471,558.07
<b>Program Income Drawdown</b>	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	\$81,373.48	\$1,471,558.07
Schoharie County, Soil and Water Conservation	\$81,373.48	\$1,471,558.07
<b>Most Impacted and Distressed Expended</b>	\$81,373.48	\$1,471,558.07

**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:**

**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

**Activity Supporting Documents:** None

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**Grantee Activity Number:** IL-CR-SCSWCDStonyBrook-PI-UN

**Activity Title:** SCSWCD Stony Brook CR

**Activity Type:**

Rehabilitation/reconstruction of a public improvement

**Project Number:**

ComRecon

**Projected Start Date:**

12/30/2017

**Benefit Type:**

Area ( )

**National Objective:**

Urgent Need

**Activity Status:**

Under Way

**Project Title:**

Community Reconstruction

**Projected End Date:**

12/30/2019

**Completed Activity Actual End Date:**

**Responsible Organization:**

Schoharie County, Soil and Water Conservation

<b>Overall</b>	<b>Oct 1 thru Dec 31, 2020</b>	<b>To Date</b>
<b>Total Projected Budget from All Sources</b>	\$0.00	\$1,840,379.93
<b>Total Budget</b>	\$300,000.00	\$1,840,379.93
<b>Total Obligated</b>	\$17,561.94	\$1,458,124.54
<b>Total Funds Drawdown</b>	\$19,539.69	\$1,458,124.54
<b>Program Funds Drawdown</b>	\$19,539.69	\$1,458,124.54
<b>Program Income Drawdown</b>	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	\$19,539.69	\$1,458,124.54
Schoharie County, Soil and Water Conservation	\$19,539.69	\$1,458,124.54
<b>Most Impacted and Distressed Expended</b>	\$19,539.69	\$1,458,124.54

**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:**

**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

**Activity Supporting Documents:** None

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**Grantee Activity Number:** IL-CR-SCSWCDYoungsSpringIntLiReplace-PI-LMI

**Activity Title:** SCSWCDYoungsSpringIntLiReplace CR

**Activity Type:**

Rehabilitation/reconstruction of a public improvement

**Project Number:**

ComRecon

**Projected Start Date:**

12/30/2017

**Benefit Type:**

Area ( )

**National Objective:**

Low/Mod

**Activity Status:**

Under Way

**Project Title:**

Community Reconstruction

**Projected End Date:**

12/30/2019

**Completed Activity Actual End Date:**

**Responsible Organization:**

Schoharie County, Soil and Water Conservation

**Overall**

	<b>Oct 1 thru Dec 31, 2020</b>	<b>To Date</b>
<b>Total Projected Budget from All Sources</b>	\$0.00	\$564,408.92
<b>Total Budget</b>	\$0.00	\$564,408.92
<b>Total Obligated</b>	\$20,261.64	\$179,355.86
<b>Total Funds Drawdown</b>	\$20,261.64	\$179,355.86
<b>Program Funds Drawdown</b>	\$20,261.64	\$179,355.86
<b>Program Income Drawdown</b>	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	\$20,261.64	\$179,355.86
Schoharie County, Soil and Water Conservation	\$20,261.64	\$179,355.86
<b>Most Impacted and Distressed Expended</b>	\$20,261.64	\$179,355.86

**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 Census Designated Place of Schoharie Village in Schoharie County. The GEOID is 3665585

**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

**Activity Supporting Documents:** None

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<b>Grantee Activity Number:</b>	<b>IL-CR-SouthStStormwater-PI-UN</b>
<b>Activity Title:</b>	<b>SouthStStormwater CR</b>

**Activity Type:**  
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

<b>Overall</b>	<b>Oct 1 thru Dec 31, 2020</b>	<b>To Date</b>
<b>Total Projected Budget from All Sources</b>	\$0.00	\$753,729.68
<b>Total Budget</b>	\$0.00	\$753,729.68
<b>Total Obligated</b>	\$810.36	\$229,925.82
<b>Total Funds Drawdown</b>	\$810.36	\$229,925.82
<b>Program Funds Drawdown</b>	\$810.36	\$229,925.82
<b>Program Income Drawdown</b>	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	\$810.36	\$229,925.82
Town of Windham	\$810.36	\$229,925.82
<b>Most Impacted and Distressed Expended</b>	\$810.36	\$229,925.82

**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:**

**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

**Activity Supporting Documents:** None

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**Grantee Activity Number:** IL-CR-SusquehannaAssessmentDesign-PLAN

**Activity Title:** SusquehannaAssessmentDesign CR

**Activity Type:**

Planning

**Activity Status:**

Under Way

**Project Number:**

ComRecon

**Project Title:**

Community Reconstruction

**Projected Start Date:**

12/29/2017

**Projected End Date:**

12/29/2019

**Benefit Type:**

Area ( )

**Completed Activity Actual End Date:**

**National Objective:**

N/A

**Responsible Organization:**

Tioga County Soil and Water Conservation District

Overall	Oct 1 thru Dec 31, 2020	To Date
<b>Total Projected Budget from All Sources</b>	\$0.00	\$1,322,954.75
<b>Total Budget</b>	\$0.00	\$1,322,954.75
<b>Total Obligated</b>	\$24,216.98	\$705,795.27
<b>Total Funds Drawdown</b>	\$24,216.98	\$705,795.27
<b>Program Funds Drawdown</b>	\$24,216.98	\$705,795.27
<b>Program Income Drawdown</b>	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	\$24,216.98	\$705,795.27
Tioga County Soil and Water Conservation District	\$24,216.98	\$705,795.27
<b>Most Impacted and Distressed Expended</b>	(\$681,578.29)	\$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 Cenus Blockgroups intersecting 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, 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:**

**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

**Activity Supporting Documents:**

None



**Grantee Activity Number:** IL-CR-SusquehannaEducationOutreach-PLAN

**Activity Title:** SusquehannaEducationOutreach CR

**Activity Type:**

Planning

**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:**

N/A

**Responsible Organization:**

Tioga County Soil and Water Conservation District

Overall	Oct 1 thru Dec 31, 2020	To Date
<b>Total Projected Budget from All Sources</b>	\$0.00	\$439,160.40
<b>Total Budget</b>	\$0.00	\$439,160.40
<b>Total Obligated</b>	\$0.00	\$53,048.68
<b>Total Funds Drawdown</b>	\$0.00	\$53,048.68
<b>Program Funds Drawdown</b>	\$0.00	\$53,048.68
<b>Program Income Drawdown</b>	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	\$0.00	\$53,048.68
Tioga County Soil and Water Conservation District	\$0.00	\$53,048.68
<b>Most Impacted and Distressed Expended</b>	(\$53,048.68)	\$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 360070014007, 360070015001, 360070015002, 360070015003, 360070015004, 360070015005, 360070016001, 360070016002, 360070016003, 360070017001, 360070017002, 360070017003, 360070017004, 360070017005, 360070018001, 360070018003, 360070018004, 360070140002, 360070146002, 360070127012, 360070127013, 360070132012, 360070138002, 360070137002, 360070140003, 360070002003, 360070004003, 360070127014, 360070142003, 360070141003, 360070011001, 360070139003, 360070001004, 360070012001, 360070003004, 360070018005, 360070146004, 360070134006, 360070014004, 360070146003, 360070145003, 360070006002, 360070011003, 360070134002, 360070130004, 360070127015, 360070014003, 360070004002, 360070133045, 360070136004, 360070134004, 360070133032, 360070141002, 360070131001, 360070006003, 360070009002, 360070018002, 360070138003, 360070143011, 360070001001,



360070001002, 360070001003, 360070002001, 360070002002, 360070003001, 360070003002, 360070003003, 360070004001, 360070005001, 360070005002, 360070005003, 360070006001, 360070007001, 360070007003, 360070007004, 360070007005, 360070007002, 360070009001, 360070011002, 360070012002, 360070013001, 360070013002, 360070013003, 360070013004, 360070014001, 360070014002, 360070014005, 360070014006, 360070133015, 360070133031, 360070133041, 360070133042, 360070133043, 360070133044, 360070134001, 360070134003, 361070204011, 361070203005, 361070203002, 361070206006, 361070203003, 361070204014, 361070204023, 361070206002, 361070206001, 361070206005, 360070139001, 360070139002, 361070203006, 361070204013, 361070204021, 361070205001, 361070205002, 361070205003, 361070206007, 360070140001, 360070141004, 360070141001, 360070142001, 360070142002, 360070143012, 360070143013, 360070143014, 360070143015, 360070143021, 360070143022, 360070143023, 360070144001, 360070144002, 360070144003, 360070144004, 360070144005, 360070145001, 360070145002, 360070145004, 360070146001, 361070203004, 361070203001, 361070204012, 361070206003, 361070206004, 360070127011, 361070204022, 361070205004, 360259704004, 360070137003, 360070138001, 360070138004, 360259704006, 360259704007, 360259704003, 360259704005, 360070135003, 360070136001, 360070136002, 360070136005, 360070136003, 360070137001, 360070134005, 360070135001, 360070135002, 360070129001, 360070130001, 360070130002, 360070130003, 360070131002, 360070131003, 360070132011, 360070132021, 360070132022, 360070132023, 360070133012, 360070133011, 360070133013, 360070133014

**Activity Progress Narrative:**

**Accomplishments Performance Measures**

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of Plans or Planning Products	0	1/1
# of community engagement	0	12/12

**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	

**Activity Supporting Documents:** None



<b>Grantee Activity Number:</b>	<b>IL-CR-TChenango12APumpStation-PF-UN</b>
<b>Activity Title:</b>	<b>TChenango12APumpStation CR</b>

**Activity Type:**  
Rehabilitation/reconstruction of public facilities

**Project Number:**  
ComRecon

**Projected Start Date:**  
12/30/2017

**Benefit Type:**  
Area ( )

**National Objective:**  
Urgent Need

**Activity Status:**  
Under Way

**Project Title:**  
Community Reconstruction

**Projected End Date:**  
12/30/2019

**Completed Activity Actual End Date:**

**Responsible Organization:**  
Town of Chenango

<b>Overall</b>	<b>Oct 1 thru Dec 31, 2020</b>	<b>To Date</b>
<b>Total Projected Budget from All Sources</b>	\$0.00	\$586,978.84
<b>Total Budget</b>	\$0.00	\$586,978.84
<b>Total Obligated</b>	\$15,358.00	\$323,862.37
<b>Total Funds Drawdown</b>	\$15,358.00	\$294,472.09
<b>Program Funds Drawdown</b>	\$15,358.00	\$294,472.09
<b>Program Income Drawdown</b>	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	\$18,634.85	\$294,472.09
Town of Chenango	\$18,634.85	\$294,472.09
<b>Most Impacted and Distressed Expended</b>	\$18,634.85	\$294,472.09

**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 Towns of Chenango and Dickinson (County Subunits, GEOIDS: 3600715110, 3600720588)

**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

**Activity Supporting Documents:** None

---



**Grantee Activity Number:** IL-CR-TChenangoMuniCmplxGenerators-PF-UN

**Activity Title:** TChenangoMuniCmplxGenerators CR

**Activity Type:**

Rehabilitation/reconstruction of public facilities

**Activity Status:**

Under Way

**Project Number:**

ComRecon

**Project Title:**

Community Reconstruction

**Projected Start Date:**

12/28/2017

**Projected End Date:**

12/28/2019

**Benefit Type:**

Area ( )

**Completed Activity Actual End Date:**

**National Objective:**

Urgent Need

**Responsible Organization:**

Town of Chenango

**Overall**

	<b>Oct 1 thru Dec 31, 2020</b>	<b>To Date</b>
<b>Total Projected Budget from All Sources</b>	\$0.00	\$848,715.08
<b>Total Budget</b>	\$0.00	\$848,715.08
<b>Total Obligated</b>	\$16,817.34	\$437,784.22
<b>Total Funds Drawdown</b>	\$16,817.34	\$437,784.22
<b>Program Funds Drawdown</b>	\$16,817.34	\$437,784.22
<b>Program Income Drawdown</b>	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	\$16,817.34	\$437,784.22
Town of Chenango	\$16,817.34	\$437,784.22
<b>Most Impacted and Distressed Expended</b>	\$16,817.34	\$437,784.22

**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 Towns emergency operations center and for the Towns community center also located at the Chenango Town Hall.

**Location Description:**

Town of Chenango (county subdivision, GEOID: 3600715110)

**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

**Activity Supporting Documents:** None

---

<b>Grantee Activity Number:</b>	<b>IL-CR-TChenangoSewerLiftStation-PLAN</b>
<b>Activity Title:</b>	<b>TChenangoSewerLiftStation CR</b>

**Activity Type:**

Planning

**Activity Status:**

Under Way

**Project Number:**

ComRecon

**Project Title:**

Community Reconstruction

**Projected Start Date:**

12/30/2017

**Projected End Date:**

12/30/2019

**Benefit Type:**

Area ( )

**Completed Activity Actual End Date:**

**National Objective:**

N/A

**Responsible Organization:**

Town of Chenango

<b>Overall</b>	<b>Oct 1 thru Dec 31, 2020</b>	<b>To Date</b>
<b>Total Projected Budget from All Sources</b>	\$0.00	\$450,000.00
<b>Total Budget</b>	\$0.00	\$450,000.00
<b>Total Obligated</b>	\$0.00	\$38,925.82
<b>Total Funds Drawdown</b>	\$0.00	\$38,925.82
<b>Program Funds Drawdown</b>	\$0.00	\$38,925.82
<b>Program Income Drawdown</b>	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	\$0.00	\$38,925.82
Town of Chenango	\$0.00	\$38,925.82
<b>Most Impacted and Distressed Expended</b>	\$0.00	\$38,925.82

**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 county subdivision: Town of Chenango, in Broome County.

**Activity Progress Narrative:**

**Accomplishments Performance Measures**

	<b>This Report Period</b>	<b>Cumulative Actual Total / Expected</b>
	<b>Total</b>	<b>Total</b>
<b># of Plans or Planning Products</b>	0	2/1



### 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	

**Activity Supporting Documents:** None

---

<b>Grantee Activity Number:</b>	<b>IL-CR-TEsperanceTownHallResto-PF-UN</b>
<b>Activity Title:</b>	<b>TEsperanceTownHallResto CR</b>

**Activity Type:**

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

<b>Overall</b>	<b>Oct 1 thru Dec 31, 2020</b>	<b>To Date</b>
<b>Total Projected Budget from All Sources</b>	\$0.00	\$320,166.85
<b>Total Budget</b>	\$0.00	\$320,166.85
<b>Total Obligated</b>	\$8,737.41	\$53,859.39
<b>Total Funds Drawdown</b>	\$8,299.91	\$53,421.89
<b>Program Funds Drawdown</b>	\$8,299.91	\$53,421.89
<b>Program Income Drawdown</b>	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	\$8,299.91	\$53,421.89
Town of Esperance	\$8,299.91	\$53,421.89
<b>Most Impacted and Distressed Expended</b>	\$8,299.91	\$53,421.89

**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:**

Town of Esperance (County Subunit, GEOID: 3609524724)

**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

**Activity Supporting Documents:** None

---



**Grantee Activity Number:** IL-CR-TiogaEmergencyPreparedness-PI-UN  
**Activity Title:** TiogaEmergencyPreparedness CR

**Activity Type:**  
 Rehabilitation/reconstruction of a public improvement  
**Project Number:**  
 ComRecon  
**Projected Start Date:**  
 12/30/2017  
**Benefit Type:**  
 Area ( )  
**National Objective:**  
 Urgent Need

**Activity Status:**  
 Under Way  
**Project Title:**  
 Community Reconstruction  
**Projected End Date:**  
 12/30/2019  
**Completed Activity Actual End Date:**  
  
**Responsible Organization:**  
 Town of Tioga

Overall	Oct 1 thru Dec 31, 2020	To Date
<b>Total Projected Budget from All Sources</b>	\$0.00	\$652,188.25
<b>Total Budget</b>	\$0.00	\$652,188.25
<b>Total Obligated</b>	\$10,557.62	\$268,955.76
<b>Total Funds Drawdown</b>	\$10,557.62	\$268,955.76
<b>Program Funds Drawdown</b>	\$10,557.62	\$268,955.76
<b>Program Income Drawdown</b>	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	\$10,557.62	\$268,955.76
Town of Tioga	\$10,557.62	\$268,955.76
<b>Most Impacted and Distressed Expended</b>	\$10,557.62	\$268,955.76

**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:**

**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

**Activity Supporting Documents:** None

---

<b>Grantee Activity Number:</b>	<b>IL-CR-TiogaHalseyValleyRdElev-AQPF-UN</b>
<b>Activity Title:</b>	<b>Halsey Valley Road Elevation CR</b>

**Activity Type:**  
Acquisition, construction, reconstruction of public facilities

**Project Number:**  
ComRecon

**Projected Start Date:**  
12/30/2017

**Benefit Type:**  
Area ( )

**National Objective:**  
Urgent Need

**Activity Status:**  
Under Way

**Project Title:**  
Community Reconstruction

**Projected End Date:**  
12/30/2019

**Completed Activity Actual End Date:**

**Responsible Organization:**  
Town of Tioga

Overall	Oct 1 thru Dec 31, 2020	To Date
<b>Total Projected Budget from All Sources</b>	\$0.00	\$1,245,000.00
<b>Total Budget</b>	\$0.00	\$1,245,000.00
<b>Total Obligated</b>	\$5,044.91	\$884,322.84
<b>Total Funds Drawdown</b>	\$5,044.91	\$884,322.84
<b>Program Funds Drawdown</b>	\$5,044.91	\$884,322.84
<b>Program Income Drawdown</b>	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	\$5,044.91	\$884,322.84
Town of Tioga	\$5,044.91	\$884,322.84
<b>Most Impacted and Distressed Expended</b>	\$5,044.91	\$884,322.84

**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:**

**Accomplishments Performance Measures**

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of Properties	9	9/9
# of Linear feet of Public	1750	1750/1800





## Beneficiaries Performance Measures

	This Report Period			Cumulative Actual Total / Expected			
	Low	Mod	Total	Low	Mod	Total	Low/Mod
# of Persons	930	420	4810	930/930	420/420	4810/4810	28.07

LMI%:	
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## 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	

Activity Supporting Documents: None



**Grantee Activity Number:** IL-CR-TiogaRansomParkImprovements-PI-UN

**Activity Title:** TiogaRansomParkImprovements CR

**Activity Type:**  
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, 2020	To Date
<b>Total Projected Budget from All Sources</b>	\$0.00	\$573,157.74
<b>Total Budget</b>	\$0.00	\$573,157.74
<b>Total Obligated</b>	\$85,678.02	\$276,231.89
<b>Total Funds Drawdown</b>	\$85,678.02	\$276,231.89
<b>Program Funds Drawdown</b>	\$85,678.02	\$276,231.89
<b>Program Income Drawdown</b>	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	\$85,678.02	\$276,231.89
Town of Tioga	\$85,678.02	\$276,231.89
<b>Most Impacted and Distressed Expended</b>	\$85,678.02	\$276,231.89

**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:**

**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

**Activity Supporting Documents:** None

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<b>Grantee Activity Number:</b>	<b>IL-CR-TOBlenheimMuni-AQPF-LMI</b>
<b>Activity Title:</b>	<b>TOBlenheimMuni-CR</b>

**Activity Type:**  
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:**  
Town of Blenheim

<b>Overall</b>	<b>Oct 1 thru Dec 31, 2020</b>	<b>To Date</b>
<b>Total Projected Budget from All Sources</b>	\$0.00	\$250,000.00
<b>Total Budget</b>	\$0.00	\$250,000.00
<b>Total Obligated</b>	\$4,890.73	\$20,903.83
<b>Total Funds Drawdown</b>	\$4,890.73	\$20,903.83
<b>Program Funds Drawdown</b>	\$4,890.73	\$20,903.83
<b>Program Income Drawdown</b>	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	\$4,890.73	\$20,903.83
Town of Blenheim	\$4,890.73	\$20,903.83
<b>Most Impacted and Distressed Expended</b>	\$4,890.73	\$20,903.83

**Activity Description:**

The Town of Blenheim is requesting funding for the acquisition of an 11.54 acre parcel of vacant land, identified on the Town of Blenheim tax maps as 181.-2-5.11, in association with the Schoharie County Blenheim Municipal Complex project. The Town will own and be responsible for the maintainance of the property in the future.

**Location Description:**

The Town of Blenheim, in Schoharie County. The GEOIDS for this project include 360957406002.

**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

**Activity Supporting Documents:** None

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<b>Grantee Activity Number:</b>	<b>IL-CR-TOSchoharieStonyBrook-AQPF-UN</b>
<b>Activity Title:</b>	<b>TOSchoharieStonyBrook CR</b>

**Activity Type:**  
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

<b>Overall</b>	<b>Oct 1 thru Dec 31, 2020</b>	<b>To Date</b>
<b>Total Projected Budget from All Sources</b>	\$0.00	\$450,000.00
<b>Total Budget</b>	\$0.00	\$450,000.00
<b>Total Obligated</b>	\$54.62	\$40,922.73
<b>Total Funds Drawdown</b>	\$54.62	\$40,922.73
<b>Program Funds Drawdown</b>	\$54.62	\$40,922.73
<b>Program Income Drawdown</b>	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	\$54.62	\$40,922.73
Town of Schoharie	\$54.62	\$40,922.73
<b>Most Impacted and Distressed Expended</b>	\$54.62	\$40,922.73

**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

**Activity Supporting Documents:** None

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<b>Grantee Activity Number:</b>	<b>IL-CR-VestalEMSRelocation-AQPF-UN</b>
<b>Activity Title:</b>	<b>VestalEMSRelocation CR</b>

**Activity Type:**  
Acquisition, construction, reconstruction of public facilities

**Project Number:**  
ComRecon

**Projected Start Date:**  
07/26/2012

**Benefit Type:**  
Area ( )

**National Objective:**  
Urgent Need

**Activity Status:**  
Under Way

**Project Title:**  
Community Reconstruction

**Projected End Date:**  
09/29/2022

**Completed Activity Actual End Date:**

**Responsible Organization:**  
Town of Vestal

Overall	Oct 1 thru Dec 31, 2020	To Date
<b>Total Projected Budget from All Sources</b>	\$0.00	\$250,000.00
<b>Total Budget</b>	\$0.00	\$250,000.00
<b>Total Obligated</b>	\$28,822.33	\$54,658.66
<b>Total Funds Drawdown</b>	\$28,822.33	\$54,658.66
<b>Program Funds Drawdown</b>	\$28,822.33	\$54,658.66
<b>Program Income Drawdown</b>	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	\$28,822.33	\$54,658.66
Town of Vestal	\$28,822.33	\$54,658.66
<b>Most Impacted and Distressed Expended</b>	\$28,822.33	\$54,658.66

**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:**

**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

**Activity Supporting Documents:** None

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**Grantee Activity Number:** IL-CR-VillageOwegoMunicipalFacility-PF-UN-A

**Activity Title:** VOwegoMunicipalFacility CR

**Activity Type:**

Acquisition, construction, reconstruction of public facilities

**Project Number:**

ComRecon

**Projected Start Date:**

12/29/2017

**Benefit Type:**

Area ( )

**National Objective:**

Urgent Need

**Activity Status:**

Under Way

**Project Title:**

Community Reconstruction

**Projected End Date:**

12/29/2019

**Completed Activity Actual End Date:**

**Responsible Organization:**

Village of Owego

**Overall**

	<b>Oct 1 thru Dec 31, 2020</b>	<b>To Date</b>
<b>Total Projected Budget from All Sources</b>	\$0.00	\$550,000.00
<b>Total Budget</b>	\$0.00	\$550,000.00
<b>Total Obligated</b>	\$152,825.92	\$169,956.73
<b>Total Funds Drawdown</b>	\$152,825.92	\$169,956.73
<b>Program Funds Drawdown</b>	\$152,825.92	\$169,956.73
<b>Program Income Drawdown</b>	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	\$152,825.92	\$169,956.73
Village of Owego	\$152,825.92	\$169,956.73
<b>Most Impacted and Distressed Expended</b>	\$152,825.92	\$169,956.73

**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:**

**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

**Activity Supporting Documents:** None

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**Grantee Activity Number:** IL-CR-VillageOwegoMunicipalFacility-PF-UN-B

**Activity Title:** VillageOwegoMunicipalFacility CR

**Activity Type:**

Rehabilitation/reconstruction of public facilities

**Project Number:**

ComRecon

**Projected Start Date:**

12/30/2017

**Benefit Type:**

Area ( )

**National Objective:**

Urgent Need

**Activity Status:**

Under Way

**Project Title:**

Community Reconstruction

**Projected End Date:**

12/30/2019

**Completed Activity Actual End Date:**

**Responsible Organization:**

Dormitory Authority of the State of New York

**Overall**

	<b>Oct 1 thru Dec 31, 2020</b>	<b>To Date</b>
<b>Total Projected Budget from All Sources</b>	\$0.00	\$525,038.15
<b>Total Budget</b>	\$0.00	\$525,038.15
<b>Total Obligated</b>	\$0.00	\$257,563.64
<b>Total Funds Drawdown</b>	\$0.00	\$247,312.23
<b>Program Funds Drawdown</b>	\$0.00	\$247,312.23
<b>Program Income Drawdown</b>	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	\$0.00	\$247,312.23
Dormitory Authority of the State of New York (DASNY)	\$0.00	\$247,312.23
<b>Most Impacted and Distressed Expended</b>	\$0.00	\$247,312.23

**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:**

**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

**Activity Supporting Documents:** None

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**Grantee Activity Number:** IL-CR-VOMiddleburghGorgeCrkCulRepair-AQPF-LMI

**Activity Title:** VOMiddleburghGorgeCrkCulRepair CR

**Activity Type:**

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

<b>Overall</b>	<b>Oct 1 thru Dec 31, 2020</b>	<b>To Date</b>
<b>Total Projected Budget from All Sources</b>	\$0.00	\$358,955.43
<b>Total Budget</b>	\$0.00	\$358,955.43
<b>Total Obligated</b>	\$9,226.87	\$74,785.63
<b>Total Funds Drawdown</b>	\$9,226.87	\$74,785.63
<b>Program Funds Drawdown</b>	\$9,226.87	\$74,785.63
<b>Program Income Drawdown</b>	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	\$9,226.87	\$74,785.63
Village of Middleburgh	\$9,226.87	\$74,785.63
<b>Most Impacted and Distressed Expended</b>	\$9,226.87	\$74,785.63

**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:**

**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

**Activity Supporting Documents:** None

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<b>Grantee Activity Number:</b>	<b>IL-CR-WalkkillChannelDaylighting-PI-LMI</b>
<b>Activity Title:</b>	<b>WalkkillChannelDaylighting CR-II</b>

**Activity Type:**  
Rehabilitation/reconstruction of a public improvement

**Project Number:**  
ComRecon

**Projected Start Date:**  
01/10/2017

**Benefit Type:**  
Area ( )

**National Objective:**  
Low/Mod

**Activity Status:**  
Under Way

**Project Title:**  
Community Reconstruction

**Projected End Date:**  
09/30/2022

**Completed Activity Actual End Date:**

**Responsible Organization:**  
Village of Deposit

<b>Overall</b>	<b>Oct 1 thru Dec 31, 2020</b>	<b>To Date</b>
<b>Total Projected Budget from All Sources</b>	\$0.00	\$300,000.00
<b>Total Budget</b>	\$0.00	\$300,000.00
<b>Total Obligated</b>	\$1,821.29	\$2,549.43
<b>Total Funds Drawdown</b>	\$1,821.29	\$2,549.43
<b>Program Funds Drawdown</b>	\$1,821.29	\$2,549.43
<b>Program Income Drawdown</b>	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	\$1,821.29	\$2,549.43
Village of Deposit	\$1,821.29	\$2,549.43
<b>Most Impacted and Distressed Expended</b>	\$1,821.29	\$2,549.43

**Activity Description:**

This activity involves the construction of improvements to the drainageway between commercial properties on State Rt. 211 (Wickham Ave.) near the intersection with Lloyds Drive and directly adjacent to Middletown High School as well as the area along Fitzgerald Drive across from Crestwood Apartments. Improvements will include daylighting the drainageway by removal of the partially collapsed culvert along with the installation of stormwater retention ponds and the expansion of the riparian buffer to include native and appropriate vegetation.

**Location Description:**

GEOIDS include 360710113003, 360710113004, 360710112001

**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

**Activity Supporting Documents:** None

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<b>Grantee Activity Number:</b>	<b>IL-CR-WalkillWindingBrook-PI-UN</b>
<b>Activity Title:</b>	<b>WalkillWindingBrook CR-II</b>

**Activity Type:**  
Rehabilitation/reconstruction of a public improvement

**Project Number:**  
ComRecon

**Projected Start Date:**  
01/10/2017

**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:**  
Village of Hancock

Overall	Oct 1 thru Dec 31, 2020	To Date
<b>Total Projected Budget from All Sources</b>	\$0.00	\$300,000.00
<b>Total Budget</b>	\$0.00	\$300,000.00
<b>Total Obligated</b>	\$1,821.29	\$2,549.43
<b>Total Funds Drawdown</b>	\$1,821.29	\$2,549.43
<b>Program Funds Drawdown</b>	\$1,821.29	\$2,549.43
<b>Program Income Drawdown</b>	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	\$1,821.29	\$2,549.43
Village of Hancock	\$1,821.29	\$2,549.43
<b>Most Impacted and Distressed Expended</b>	\$1,821.29	\$2,549.43

**Activity Description:**

This activity involves the replacement of culverts along Winding Brook on Ben Lomond Drive and Ballard Road in the Town of Walkill. This activity includes funds from funding round 5 that have been extended beyond the 24-month expenditure limit as part of GOSRs expenditure extension.

**Location Description:**

GEOIDS include: 360710111021, 360710111023, 360710111022, 360710113001, 360710113002, 360710111011

**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

**Activity Supporting Documents:** None

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<b>Grantee Activity Number:</b>	<b>IL-CR-WashingtonvilleCulverts-PI-UN</b>
<b>Activity Title:</b>	<b>WashingtonvilleCulverts CR</b>

**Activity Type:**  
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

<b>Overall</b>	<b>Oct 1 thru Dec 31, 2020</b>	<b>To Date</b>
<b>Total Projected Budget from All Sources</b>	\$0.00	\$527,044.63
<b>Total Budget</b>	\$0.00	\$527,044.63
<b>Total Obligated</b>	\$17,721.75	\$304,003.97
<b>Total Funds Drawdown</b>	\$17,721.75	\$304,003.97
<b>Program Funds Drawdown</b>	\$17,721.75	\$304,003.97
<b>Program Income Drawdown</b>	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	\$17,721.75	\$304,003.97
Town of Blooming Grove	\$17,721.75	\$304,003.97
<b>Most Impacted and Distressed Expended</b>	\$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:**

CDP Village of Washingtonville (GEOID: 3678465)

**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	

Activity Supporting Documents: None

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**Grantee Activity Number:** IL-CR-WindhamBackupGenCriticalFacilities-PF-UN

**Activity Title:** WindhamBackupGenCriticalFacilities CR

**Activity Type:**

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

<b>Overall</b>	<b>Oct 1 thru Dec 31, 2020</b>	<b>To Date</b>
<b>Total Projected Budget from All Sources</b>	\$0.00	\$363,256.63
<b>Total Budget</b>	\$0.00	\$363,256.63
<b>Total Obligated</b>	\$0.00	\$71,593.47
<b>Total Funds Drawdown</b>	\$0.00	\$71,593.47
<b>Program Funds Drawdown</b>	\$0.00	\$71,593.47
<b>Program Income Drawdown</b>	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	\$0.00	\$71,593.47
Town of Windham	\$0.00	\$71,593.47
<b>Most Impacted and Distressed Expended</b>	(\$71,593.47)	\$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

**Activity Supporting Documents:** None

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<b>Grantee Activity Number:</b>	<b>IL-CR-WindhamDrainImprov-PI-UN</b>
<b>Activity Title:</b>	<b>WindhamDrainImprov CR</b>

**Activity Type:**  
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	Oct 1 thru Dec 31, 2020	To Date
<b>Total Projected Budget from All Sources</b>	\$0.00	\$1,291,178.38
<b>Total Budget</b>	\$0.00	\$1,291,178.38
<b>Total Obligated</b>	\$6,312.73	\$735,396.08
<b>Total Funds Drawdown</b>	\$6,312.73	\$552,056.66
<b>Program Funds Drawdown</b>	\$6,312.73	\$552,056.66
<b>Program Income Drawdown</b>	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	\$6,312.73	\$552,056.66
Town of Windham	\$6,312.73	\$552,056.66
<b>Most Impacted and Distressed Expended</b>	\$6,312.73	\$552,056.66

**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:**





## 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

Activity Supporting Documents: None

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Project # /	IL-Match / Match
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<b>Grantee Activity Number:</b>	<b>IL-Match-DR-LMI</b>
<b>Activity Title:</b>	<b>IL-Debris Removal R5 - LMI</b>

<b>Activity Type:</b> Debris removal	<b>Activity Status:</b> Under Way
<b>Project Number:</b> IL-Match	<b>Project Title:</b> Match
<b>Projected Start Date:</b> 01/09/2017	<b>Projected End Date:</b> 09/29/2022
<b>Benefit Type:</b> Area ( )	<b>Completed Activity Actual End Date:</b>
<b>National Objective:</b> Low/Mod	<b>Responsible Organization:</b> New York State

<b>Overall</b>	<b>Oct 1 thru Dec 31, 2020</b>	<b>To Date</b>
<b>Total Projected Budget from All Sources</b>	\$0.00	\$294,002.16
<b>Total Budget</b>	\$0.00	\$294,002.16
<b>Total Obligated</b>	\$0.00	\$306,077.16
<b>Total Funds Drawdown</b>	(\$12,075.00)	\$294,002.16
<b>Program Funds Drawdown</b>	(\$12,075.00)	\$294,002.16
<b>Program Income Drawdown</b>	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	(\$12,075.00)	\$294,002.16
New York State	(\$12,075.00)	\$294,002.16
<b>Most Impacted and Distressed Expended</b>	(\$163,230.95)	\$0.00

**Activity Description:**

This activity provides non-federal share payments to eligible public entities in the FEMA Public Assistance (PA) Grant Program to address immediate post storm debris removal needs (categorized as FEMA Category A work). The work covered in this activity was determined to meet the national objective of primarily benefiting persons of low- to moderate-income. For the purposes of reporting performance measures for this activity, the metric used is number of businesses, which refers to the number of public entities that are assisted through the match payments made in this activity. Each entity may have been assisted with multiple projects, which are documented in FEMA Project Worksheets (PWs). FEMA PWs, which include information about the entity, location, and type and quantity of debris, support each draw. This activity includes funds from funding round 5 that have not been extended beyond the 24-month expenditure limit as part of GOSRs expenditure extension. This is an associated activity. Accomplishments and beneficiaries are reported in the main activity.

**Location Description:**

Hurricane Irene, Tropical Storm Lee and Superstorm Sandy resulted in storm related debris in Presidentially declared counties across New York. Specific geographic locations of the debris are determined and documented in FEMA Public Assistance Category A - Debris Removal project worksheets.

**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	

**Activity Supporting Documents:** None

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<b>Grantee Activity Number:</b>	<b>IL-Match-DR-UN</b>
<b>Activity Title:</b>	<b>IL-Debris Removal R5 - UN</b>

<b>Activity Type:</b> Debris removal	<b>Activity Status:</b> Under Way
<b>Project Number:</b> IL-Match	<b>Project Title:</b> Match
<b>Projected Start Date:</b> 01/09/2017	<b>Projected End Date:</b> 09/29/2022
<b>Benefit Type:</b> Area ( )	<b>Completed Activity Actual End Date:</b>
<b>National Objective:</b> Urgent Need	<b>Responsible Organization:</b> New York State

<b>Overall</b>	<b>Oct 1 thru Dec 31, 2020</b>	<b>To Date</b>
<b>Total Projected Budget from All Sources</b>	\$0.00	\$1,202,778.84
<b>Total Budget</b>	\$0.00	\$1,202,778.84
<b>Total Obligated</b>	\$0.00	\$1,205,718.33
<b>Total Funds Drawdown</b>	(\$2,939.49)	\$1,202,778.84
<b>Program Funds Drawdown</b>	(\$2,939.49)	\$1,202,778.84
<b>Program Income Drawdown</b>	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	(\$2,939.49)	\$1,202,778.84
New York State	(\$2,939.49)	\$1,202,778.84
<b>Most Impacted and Distressed Expended</b>	(\$1,168,099.92)	\$0.00

**Activity Description:**

This activity provides non-federal share payments to eligible public entities in the FEMA Public Assistance (PA) Grant Program to address immediate post storm debris removal needs (categorized as FEMA Category A work).The work covered in this activity was determined to meet the urgent need national objective.For the purposes of reporting performance measures for this activity, the metric used is number of businesses, which refers to the number of public entities that are assisted through the match payments made in this activity. Each entity may have been assisted with multiple projects, which are documented in FEMA Project Worksheets (PWs). FEMA PWs, which include information about the entity, location, and type and quantity of debris, support each draw. This activity includes funds from funding round 5 that have not been extended beyond the 24-month expenditure limit as part of GOSRs expenditure extension. This is an associated activity. Accomplishments and beneficiaries are reported in the main activity.

**Location Description:**

Hurricane Irene, Tropical Storm Lee and Superstorm Sandy resulted in storm related debris in Presidentially declared counties across New York. Specific geographic locations of the debris are determined and documented in FEMA Public Assistance Category A - Debris Removal project worksheets.

**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

**Activity Supporting Documents:**

None

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<b>Grantee Activity Number:</b>	<b>IL-Match-PF-LMI</b>
<b>Activity Title:</b>	<b>IL-Public Facilities R5 - LMI</b>

**Activity Type:**  
Rehabilitation/reconstruction of public facilities

**Project Number:**  
IL-Match

**Projected Start Date:**  
01/10/2017

**Benefit Type:**  
Area ( )

**National Objective:**  
Low/Mod

**Activity Status:**  
Under Way

**Project Title:**  
Match

**Projected End Date:**  
09/30/2022

**Completed Activity Actual End Date:**

**Responsible Organization:**  
New York State

Overall	Oct 1 thru Dec 31, 2020	To Date
<b>Total Projected Budget from All Sources</b>	\$0.00	\$337,525.93
<b>Total Budget</b>	\$0.00	\$337,525.93
<b>Total Obligated</b>	\$0.00	\$37,525.93
<b>Total Funds Drawdown</b>	\$0.00	\$37,525.93
<b>Program Funds Drawdown</b>	\$0.00	\$37,525.93
<b>Program Income Drawdown</b>	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	\$0.00	\$37,525.93
New York State	\$0.00	\$37,525.93
<b>Most Impacted and Distressed Expended</b>	(\$37,525.93)	\$0.00

**Activity Description:**

This activity provides non-federal share payments to eligible public entities in the FEMA Public Assistance (PA) Grant Program to address public facility repair and rebuilding needs (categorized as FEMA Category C through G work). The work covered in this activity was determined to meet the national objective of primarily benefiting persons of low- to moderate-income. For the purposes of reporting performance measures for this activity, the metric used is number of non-business organizations, which refers to the number of public entities that are assisted through the match payments made in this activity. Each entity may have been assisted with multiple projects, which are documented in FEMA Project Worksheets (PWs). FEMA PWs, which include information about the entity, location, and nature of work, support each draw. This activity includes funds from funding round 5 that have not been extended beyond the 24-month expenditure limit as part of GOSRs expenditure extension. This is an associated activity. Accomplishments and beneficiaries are reported in the main activity.

**Location Description:**

Hurricane Irene, Tropical Storm Lee and Superstorm Sandy damaged and destroyed a wide range of public buildings, facilities and structures in Presidentially declared counties across New York. The specific geographic location of each impacted public facility is geocoded and recorded in the project files.

**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

**Activity Supporting Documents:** None

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<b>Grantee Activity Number:</b>	<b>IL-Match-PF-UN</b>
<b>Activity Title:</b>	<b>IL-Public Facilities R5 - UN</b>

**Activity Type:**  
Rehabilitation/reconstruction of public facilities

**Project Number:**  
IL-Match

**Projected Start Date:**  
01/08/2017

**Benefit Type:**  
Area ( )

**National Objective:**  
Urgent Need

**Activity Status:**  
Under Way

**Project Title:**  
Match

**Projected End Date:**  
09/28/2022

**Completed Activity Actual End Date:**

**Responsible Organization:**  
New York State

<b>Overall</b>	<b>Oct 1 thru Dec 31, 2020</b>	<b>To Date</b>
<b>Total Projected Budget from All Sources</b>	\$0.00	\$2,048,522.56
<b>Total Budget</b>	\$12,153.11	\$2,048,522.56
<b>Total Obligated</b>	\$12,153.11	\$2,048,522.56
<b>Total Funds Drawdown</b>	\$12,153.11	\$2,048,522.56
<b>Program Funds Drawdown</b>	\$12,153.11	\$2,048,522.56
<b>Program Income Drawdown</b>	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	\$12,153.11	\$2,048,522.56
New York State	\$12,153.11	\$2,048,522.56
<b>Most Impacted and Distressed Expended</b>	(\$1,608,935.50)	\$0.00

**Activity Description:**

This activity provides non-federal share payments to eligible public entities in the FEMA Public Assistance (PA) Grant Program to address public facility repair and rebuilding needs (categorized as FEMA Category C through G work). The work covered in this activity was determined to meet the urgent need national objective. For the purposes of reporting performance measures for this activity, the metric used is number of non-business organizations, which refers to the number of public entities that are assisted through the match payments made in this activity. Each entity may have been assisted with multiple projects, which are documented in FEMA Project Worksheets (PWs). FEMA PWs, which include information about the entity, location, and nature of work, support each draw. This activity includes funds from funding round 5 that have not been extended beyond the 24-month expenditure limit as part of GOSRs expenditure extension. This is an associated activity. Accomplishments and beneficiaries are reported in the main activity.

**Location Description:**

Hurricane Irene, Tropical Storm Lee and Superstorm Sandy damaged and destroyed a wide range of public buildings, facilities and structures in Presidentially declared counties across New York. The specific geographic location of each impacted public facility is geocoded and recorded in the project files.

**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

**Activity Supporting Documents:**

None

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<b>Grantee Activity Number:</b>	<b>IL-Match-PS-LMI</b>
<b>Activity Title:</b>	<b>IL-Public Services R5 - LMI</b>

<b>Activity Type:</b> Public services	<b>Activity Status:</b> Under Way
<b>Project Number:</b> IL-Match	<b>Project Title:</b> Match
<b>Projected Start Date:</b> 01/08/2017	<b>Projected End Date:</b> 09/28/2022
<b>Benefit Type:</b> Area ( )	<b>Completed Activity Actual End Date:</b>
<b>National Objective:</b> Low/Mod	<b>Responsible Organization:</b> New York State

<b>Overall</b>	<b>Oct 1 thru Dec 31, 2020</b>	<b>To Date</b>
<b>Total Projected Budget from All Sources</b>	\$0.00	\$105,048.11
<b>Total Budget</b>	\$2,513.31	\$105,048.11
<b>Total Obligated</b>	\$2,513.31	\$105,048.11
<b>Total Funds Drawdown</b>	\$2,513.31	\$105,048.11
<b>Program Funds Drawdown</b>	\$2,513.31	\$105,048.11
<b>Program Income Drawdown</b>	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	\$2,513.31	\$105,048.11
New York State	\$2,513.31	\$105,048.11
<b>Most Impacted and Distressed Expended</b>	(\$74,573.56)	\$0.00

**Activity Description:**

This activity provides non-federal share payments to eligible public entities in the FEMA Public Assistance (PA) Grant Program to address immediate post storm emergency protective services (categorized as FEMA Category B work). Activities may also include public services provided by the State through the FEMA Transitional Sheltering Assistance (TSA) Program. This work would have taken place within the first 90 days after the event. The work covered in this activity was determined to meet the national objective of primarily benefiting persons of low- to moderate-income. For the purposes of reporting performance measures for this activity, the metric used is number of non-business organizations, which refers to the number of public entities that are assisted through the match payments made in this activity. Each entity may have been assisted with multiple projects, which are documented in FEMA Project Worksheets (PWs). FEMA PWs, which include information about the entity, location, and nature of work, support each draw. This activity includes funds from funding round 5 that have not been extended beyond the 24-month expenditure limit as part of GOSRs expenditure extension. This is an associated activity. Accomplishments and beneficiaries are reported in the main activity.

**Location Description:**

Hurricane Irene, Tropical Storm Lee and Superstorm Sandy resulted in the need for the State to provide public services to assist residents who live in Presidentially declared counties across New York. The geographic location of each public service is provided in the project file.

**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

**Activity Supporting Documents:**

None

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<b>Grantee Activity Number:</b>	<b>IL-Match-PS-UN</b>
<b>Activity Title:</b>	<b>IL-Public Services R5 - UN</b>

<b>Activity Type:</b> Public services	<b>Activity Status:</b> Under Way
<b>Project Number:</b> IL-Match	<b>Project Title:</b> Match
<b>Projected Start Date:</b> 01/08/2017	<b>Projected End Date:</b> 09/28/2022
<b>Benefit Type:</b> Area ( )	<b>Completed Activity Actual End Date:</b>
<b>National Objective:</b> Urgent Need	<b>Responsible Organization:</b> New York State

<b>Overall</b>	<b>Oct 1 thru Dec 31, 2020</b>	<b>To Date</b>
<b>Total Projected Budget from All Sources</b>	\$0.00	\$334,422.20
<b>Total Budget</b>	\$348.07	\$334,422.20
<b>Total Obligated</b>	\$348.07	\$334,422.20
<b>Total Funds Drawdown</b>	\$348.07	\$334,422.20
<b>Program Funds Drawdown</b>	\$348.07	\$334,422.20
<b>Program Income Drawdown</b>	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	\$348.07	\$334,422.20
New York State	\$348.07	\$334,422.20
<b>Most Impacted and Distressed Expended</b>	(\$246,914.19)	\$0.00

**Activity Description:**

This activity provides non-federal share payments to eligible public entities in the FEMA Public Assistance (PA) Grant Program to address immediate post storm emergency protective services (categorized as FEMA Category B work). Activities may also include public services provided by the State through the FEMA Transitional Sheltering Assistance (TSA) Program. This work would have taken place within the first 90 days after the event. The work covered in this activity was determined to meet the urgent need national objective. For the purposes of reporting performance measures for this activity, the metric used is number of non-business organizations, which refers to the number of public entities that are assisted through the match payments made in this activity. Each entity may have been assisted with multiple projects, which are documented in FEMA Project Worksheets (PWs). FEMA PWs, which include information about the entity, location, and nature of work, support each draw. This activity includes funds from funding round 5 that have not been extended beyond the 24-month expenditure limit as part of GOSRs expenditure extension. This is an associated activity. Accomplishments and beneficiaries are reported in the main activity.

**Location Description:**

Hurricane Irene, Tropical Storm Lee and Superstorm Sandy resulted in the need for the State to provide public services to assist residents who live in Presidentially declared counties across New York. The geographic location of each public service is provided in the project file.

**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	

Activity Supporting Documents: None

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**Project # / SidneyFMP / Sidney Floodplain Management**

<b>Grantee Activity Number:</b>	<b>IL-INFRA-VSidneyBuyoutFPR-BOH-LMI</b>
<b>Activity Title:</b>	<b>VSidneyBuyoutFPR INFRA</b>

**Activity Type:**

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:**

09/30/2022

**Completed Activity Actual End Date:**

**Responsible Organization:**

Delaware County2

<b>Overall</b>	<b>Oct 1 thru Dec 31, 2020</b>	<b>To Date</b>
<b>Total Projected Budget from All Sources</b>	\$0.00	\$8,000,000.00
<b>Total Budget</b>	\$0.00	\$8,000,000.00
<b>Total Obligated</b>	\$114,497.55	\$2,845,310.01
<b>Total Funds Drawdown</b>	\$106,417.82	\$2,781,853.24
<b>Program Funds Drawdown</b>	\$106,417.82	\$2,781,853.24
<b>Program Income Drawdown</b>	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	\$106,417.82	\$2,781,853.24
Delaware County2	\$106,417.82	\$2,781,853.24
<b>Most Impacted and Distressed Expended</b>	\$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:**

**Accomplishments Performance Measures**

	<b>This Report Period</b>	<b>Cumulative Actual Total / Expected</b>
	<b>Total</b>	<b>Total</b>
<b># of Properties</b>	0	55/132
<b># of Parcels acquired</b>	0	55/132



### 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	

**Activity Supporting Documents:** None

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**Grantee Activity Number:** IL-INFRA-VSidneyHousingElevations-HSG-UN

**Activity Title:** VSidneyHousingElevations INFRA

**Activity Type:**

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:**

09/30/2022

**Completed Activity Actual End Date:**

**Responsible Organization:**

Delaware County2

**Overall**

	<b>Oct 1 thru Dec 31, 2020</b>	<b>To Date</b>
<b>Total Projected Budget from All Sources</b>	\$0.00	\$454,862.23
<b>Total Budget</b>	\$0.00	\$454,862.23
<b>Total Obligated</b>	\$3,000.42	\$164,398.64
<b>Total Funds Drawdown</b>	\$3,000.42	\$161,789.25
<b>Program Funds Drawdown</b>	\$3,000.42	\$161,789.25
<b>Program Income Drawdown</b>	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	\$3,000.42	\$161,789.25
Delaware County2	\$3,000.42	\$161,789.25
<b>Most Impacted and Distressed Expended</b>	\$0.00	\$0.00

**Activity Description:**

New York State will elevate approximately 7 homes.

**Location Description:**

Village of Sidney

**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

**Activity Supporting Documents:** None

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## 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