

BACKGROUND

Goals & Recovery Functions

Goals

- Increase resiliency of key assets
- Address short, medium, and long-term risks
- Balance costs and benefits
- Protect vulnerable populations
- Drive economic growth
- Coordinate with regional initiatives
- Outline steps for implementation

Community Reconstruction Plan

Six Recovery Functions

Community Planning & Capacity Building Economic Development Health & Human Services Housing Infrastructure Natural & Cultural Resources

The NY Rising Community Reconstruction Program is helping communities impacted by Hurricane Irene, Tropical Storm Lee, and Superstorm Sandy to rebuild and become more resilient through community-driven plans that consider current damage, future threats to community assets, and the community's economic future. Residents are here today to participate in a public meeting to learn about the program, share their ideas about resiliency, provide input on Priority Projects, and review the work completed to date.

Join the conversation!

#NYRising
@NYStormRecovery

NYStormRecovery



Map of Communities in NYC



New York City contains 10 of the 50 communities in New York State undergoing the NY Rising Community Reconstruction process.

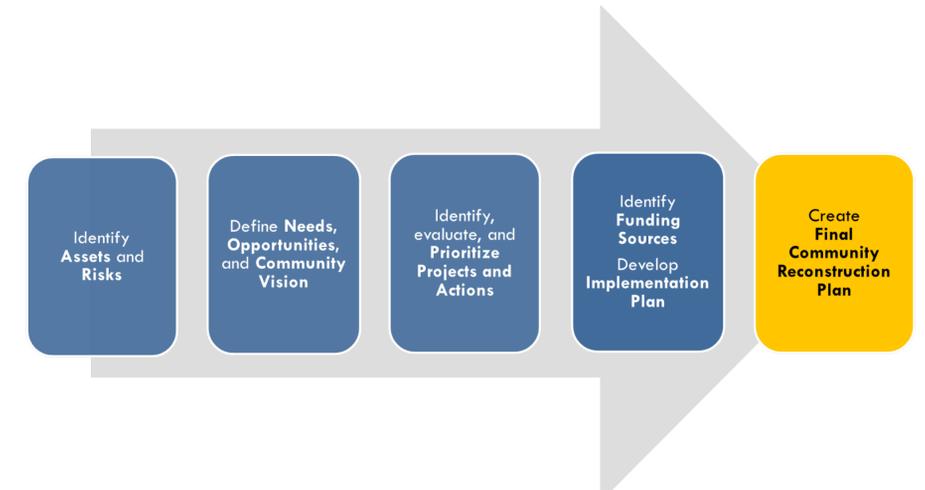
More Information:
info@stormrecovery.ny.gov

www.stormrecovery.ny.gov/community-reconstruction-program

Red Hook Committee blog:
<http://redhookcrp.wordpress.com/>

Planning Process & Work Schedule

Planning Process



Meetings & Program Schedule

- Planning Committee Meeting
- Public Meeting
- Deliverable Due Date

Deliverables	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May
Risk Assessment and Draft Needs & Opportunities Assessment		1	● Oct. 28						
Strategies and Priority Projects			2			● Jan. 31			
Project Analysis & Final Priority Project Selection							3	● Mid March	
Final Community Reconstruction Plan								● Mar. 31	
Final Conference and Public Meeting									4 By May 12
Planning Committee Meetings	1	2	3	4	5	6	7	8	9

Program Introduction NY RISING COMMUNITY RECONSTRUCTION PROGRAM



A Vision for a more resilient Red Hook

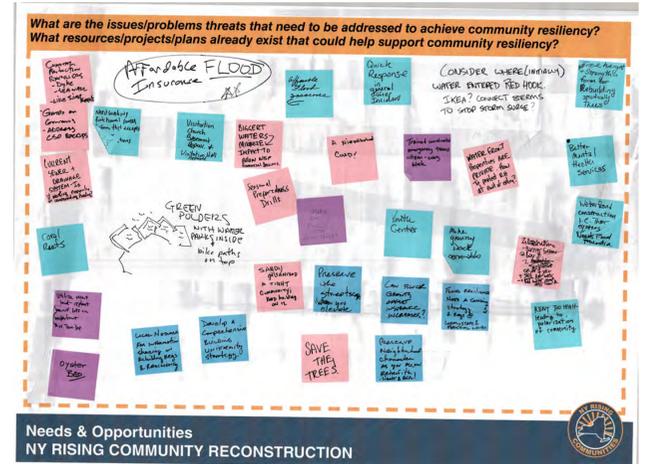
Over the past 6 months, hundreds of Red Hook residents have shared input on how to create a more resilient Red Hook



Planning Committee Meeting #3, October 2013



Public Meeting #1, October 2013



Public Meeting #1, October 2013



Public Meeting #2, November 2013



Youth Engagement, December 2013

Vision Statement

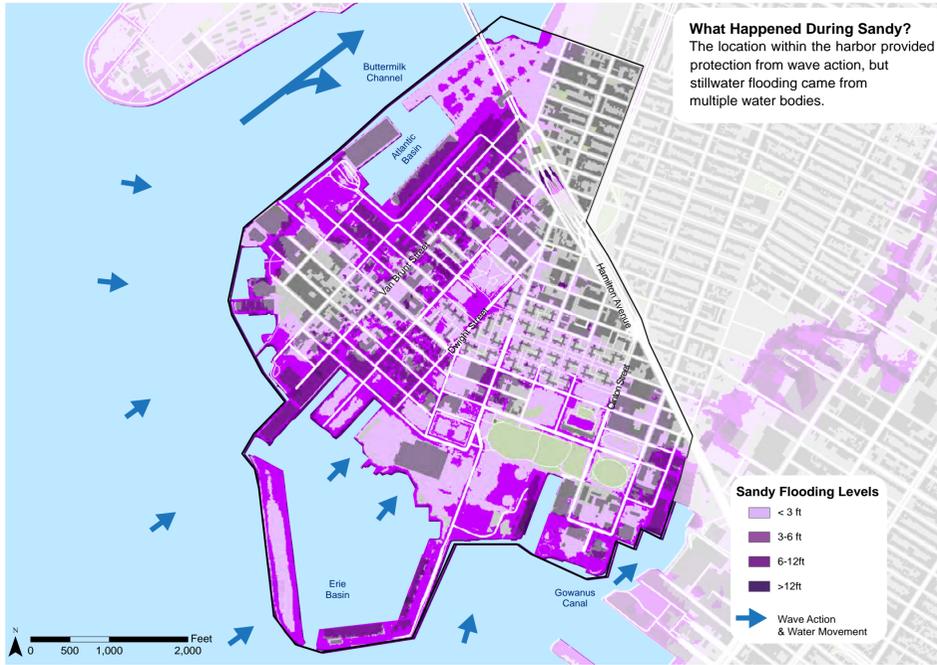
Empowered by the spirit of unity that helped the Red Hook community survive Hurricane/Superstorm Sandy, our vision for a **resilient** and **thriving** future is to work as a holistic community to strengthen the **historic waterfront** Red Hook peninsula by minimizing differences and maximizing **cooperation** among all who live and work here. Mindful of the growing climate-related risks to our beloved community and the immediate need for improved emergency preparedness measures, our actions will serve to help to develop measures that will protect our neighborhood from flood inundation, **increase the safety of our citizens**, and move towards a **resilient community**. We are committed to maintaining and **expanding affordable housing** and increased economic activity with an emphasis on **local job development**, recognizing the importance of their interdependence. Our re-building efforts towards a resilient and sustainable community are focused on a sincere triple bottom line **integration of environment, economy, and community**, which will require substantial improvement to our long-neglected infrastructure including sewers, transportation, communications, power and energy provision, and education.



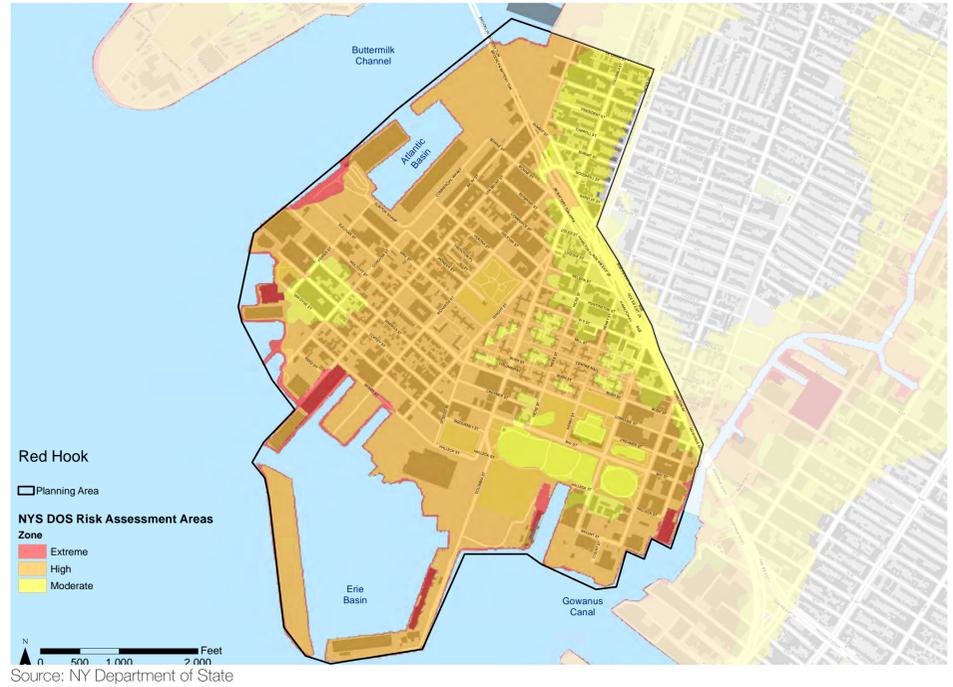
Flood Risk & Priority Strategies

Red Hook Flood Risk

Map of Sandy Inundation



NY Department of State Risk Zones



Priority Strategies

At the second public engagement, Red Hook residents indicated that the following strategies are priorities for the community:

Priority Resiliency Strategies

- 
1. Increase the physical and economic resiliency of housing
- 
2. Strengthen community capacity to prepare for, respond, and recover from emergencies
- 
3. Improve drainage and reduce flooding from sewer back-up
- 
4. Increase the resiliency of existing businesses and promote opportunities for economic development
- 
5. Strengthen individual economic resiliency & financial stability
- 
6. Increase transit connectivity and ensure redundant transportation/transit options to facilitate evacuation and rebuilding
- 
7. Create opportunities for alternative power generation and distribution

BACKGROUND

Ideas for a More Resilient Red Hook

Residents and Committee members brainstormed over 90 possible resiliency projects:



ECONOMIC DEVELOPMENT

1. Financial assistance for resiliency improvements for small businesses and industrial/maritime businesses
2. Commercial corridor flood protection
3. Merchants Association or Business Improvement District (BID) development
4. Financial assistance to offset commercial insurance costs
5. Grant to restore historic commercial buildings damaged by Sandy
6. Technical assistance/audit program for small businesses and industrial businesses
7. Resiliency and rebuilding information clearinghouse for small businesses and industrial businesses
8. Land use/zoning study to analyze long-term resiliency of industrial and retail uses.
9. Incentive/zoning program for new, resilient affordable market rate housing on vacant/under-utilized sites
10. Develop underutilized lots
11. Way-finding sign program
12. Waterfront activation and investment
13. Improve the use of the Atlantic Basin waterspace as a special maritime asset
14. Retrofit Valentino pier to be multi-purpose
15. Repair and activation of severed piers
16. Pier repair policy reform to enable resilient redevelopment
17. Pier design and management regulation reform to enhance boat access
18. Open storage and spill prevention regulation
19. Youth emergency/resiliency training program with career development track
20. Community Based Agreements (CBA) Toolkit
21. Grant to support microbusiness and entrepreneurship
22. Workforce training gap analysis



HOUSING

23. Financial assistance for homeowners
24. Private sector or CBO issued low-interest loans for housing resiliency upgrades
25. Financial assistance to offset residential insurance costs
26. National Flood Insurance Program (NFIP) policy reform
27. Financial assistance for renters/tenants
28. Red Hook Houses tenant support for resiliency improvements
29. Red Hook Houses resiliency upgrades
30. Red Hook Houses blue/green roof
31. Technical assistance program for homeowners
32. Resiliency and rebuilding information clearinghouse for homeowners and tenants
33. Resilient design guidelines for urban buildings and neighborhoods
34. Resiliency/green design incentive program
35. Support for dislocated households
36. Incentive/zoning program for new, resilient affordable or market rate housing on vacant/under-utilized sites
37. Study rezoning of allowable groundfloor uses in residential zone
38. Expedited permitting and review for resiliency retrofits



COMMUNITY PLANNING & CAPACITY BUILDING

39. Red Hook flood-proof relief center/community center
40. Red Hook local emergency preparedness plan
41. Red Hook Houses emergency preparedness and response plan
42. Red Hook volunteer community emergency preparedness team
43. Red Hook maritime recreation center and emergency response team
44. Red Hook community communication network
45. NYCHA/Red Hook Houses community communication network
46. Increased emergency response
47. Inter-agency coordination on emergency response and recovery
48. Create "universal application" for residential, business, and individual assistance
49. Resilient food supply assessment



HEALTH & HUMAN SERVICES

50. Mobile healthcare service
51. Emergency healthcare plan



INFRASTRUCTURE

52. NYC Department of Environmental Protection (DEP) Green Infrastructure Program expansion
53. Continue to fund the NYC DEP Green Infrastructure Grant Program or establish a green infrastructure incentive program for Red Hook and its watershed.
54. Van Brunt Pump Station repairs
55. Sewer capacity expansion and repairs program
56. NYC DEP Red Hook sewer system maintenance
57. Preliminary feasibility study for a new (sub) Wastewater Treatment plant with anaerobic digester to biogas conversion (to generate biogas for use in neighborhood)
58. Integrated flood protection strategy for Red Hook (multiple individual projects/pilot projects including elevation of the Brooklyn Waterfront Greenway)
59. Shoreline and bulkhead raising in lowest lying areas
60. Community generated coastal protection design principles/guidelines
61. Incentivize or require coastal protection measures for private waterfront development
62. Citywide flood barrier project
63. Floodproof / make resilient buildings and properties outside the proposed integrated flood protection corridor
64. Wave attenuation project
65. Red Hook solar power project
66. Portable emergency back-up solar power
67. Red Hook geothermal power project
68. Red Hook wind power pilot project
69. Red Hook two-way power connection (cold ironing) pilot project
70. Red Hook emergency back-up generators
71. Back-up cell phone tower power
72. Cold-ironing power generation feasibility study
73. Buttermilk Channel Tidal Power Project
74. Local solar power incentive program
75. Red Hook Houses Co-generation and Micro-grid project
76. Targeted energy efficiency improvements
77. Electrical grid resiliency improvements
78. Red Hook bikeshare
79. Ferry service enhancement and expansion program
80. Direct bus from Red Hook to Lower Manhattan
81. Direct bus from Red Hook to Downtown Brooklyn
82. Red Hook streetcar
83. BQE underpass pedestrian improvements
84. Beard Street pedestrian improvements
85. Expanded bike routes
86. Traffic nuisance mitigation project
87. Pier design and management regulation reform to enhance boat access
88. Study impact of IKEA development on the underground stream at Richards Street



NATURAL & CULTURAL RESOURCES

89. Green stormwater garden pilot site
90. Salt-resistant tree planting program
91. Atlantic Basic water detention pond
92. Enhance public space

Red Hook

NY Rising Community Reconstruction Program



Additional Resiliency Recommendations

In addition to the preliminary Priority Projects being considered for funding with Community Development Block Grant Disaster Recovery (CDBG-DR), the Committee has identified the following additional important recommendations. These projects will be highlighted prominently in the Red Hook Final Community Reconstruction Plan:

- 
Develop integrated flood protection system
- 
Implement resiliency improvements to Red Hook Houses
- 
Reform National Flood Insurance Program (NFIP) policy
- 
Create Red Hook local emergency preparedness plan
- 
Citywide information clearinghouse, with tabs for individual neighborhoods
- 

Connect CERT programs to emergency services career training tracks
- 
Ensure access to sufficient resilient healthcare resources within and around the neighborhood
- 

Activate Atlantic Basin
- 
Study to analyze long-term resiliency economics and land use for industrial and mixed-use
- 
Establish direct bus from Red Hook to Lower Manhattan
- 
Complete Van Brunt Pump Station repairs
- 

Establish collaborative relationship with the Port Authority of New York and New Jersey (PANYNJ) and New York City Housing Authority (NYCHA)

Community Principles for Integrated Flood Protection

On January 7, Vice President Biden and Governor Cuomo announced a commitment, in partnership with New York City, to the installation of an integrated flood protection system for Red Hook that would provide “complete protection” to land within the 100-year flood plain.

While the details of the project are to be determined, the Red Hook New York Rising Community Reconstruction (NYRCR) Program Planning Committee will work to ensure that this important project is in line with the community’s vision and strategies to strengthen and protect the unique and diverse residential, retail and industrial fabric of our community; utilizes sustainable energy, and minimizes impact on the natural environment. To that end, the NYRCR Committee has identified the following principles to guide creation of an integrated flood protection system for Red Hook:

DRAFT PRINCIPLES	<i>Do You agree? What does this principle mean to you?</i>
1. Enhance waterfront access.	
2. Preserve/respect the character of the neighborhood.	
3. Maintain maritime capacity and enhance water-based uses.	
4. Create multi-functional community amenities.	
5. Maximize protection of building stock.	
6. Address flood protection needs of sites / structures outside, as well as inside, the line of protection, and in the interim while protection is designed and built.	
7. Encourage resilient construction outside of and as a part of community-wide flood protection.	
8. Address flood insurance premiums.	
9. Address and improve current and future drainage issues.	
10. Employ local residents in the implementation / construction of integrated flood protection.	
11. Be carbon neutral.	
12. Be flexible to future / changing community needs.	
13. Be informed by ongoing input from the Red Hook community.	

Are we missing any? Let us know!



Drainage & flooding issues in Red Hook

Help us better understand your drainage problems now!

Do you experience or observe regular drainage and flooding issues in your home, on your block, or anywhere else in the neighborhood? Using the map below, indicate where and what type of flooding or drainage issues you regularly observe in Red Hook. Use the decision tree and description of drainage issues provided to help you define the type of flooding you observe.

Where does flooding happen? What type of flooding?

The objective of this map-based questionnaire is to identify the type and location of the various drainage-related problems you have described as occurring throughout the neighborhood. Your feedback will help us:

- Better understand the type and extent of drainage issues
- Identify likely cause(s) of these problems
- Suggest potential location-specific solutions
- Identify where additional information or study may be needed

Using the dots and the map provided, please indicate where you experience the following types of flooding following a storm or rain event:

- Flooding in your home or business:**
- S** Sewer Backup in Building (through Toilet, Sink Drain, Bathtub Drain)
 - G** Water Entering Basement/Below-Grade (through Foundation and/or Walls)
 - W** Water Entering Basement/Below-Grade (through Window Wells)
- Flooding in street/yards/parks:**
- CB** Ponding in Streets/Yards - Clogged/flooded catch basin
 - U** Ponding in Streets/Yards - No catch basin present
- Known Sources of flooding:**
- M** Ponding in Streets/Yards - water coming from overflowing manhole
 - T** Ponding in Streets/Yards - water coming from nearby waterbody

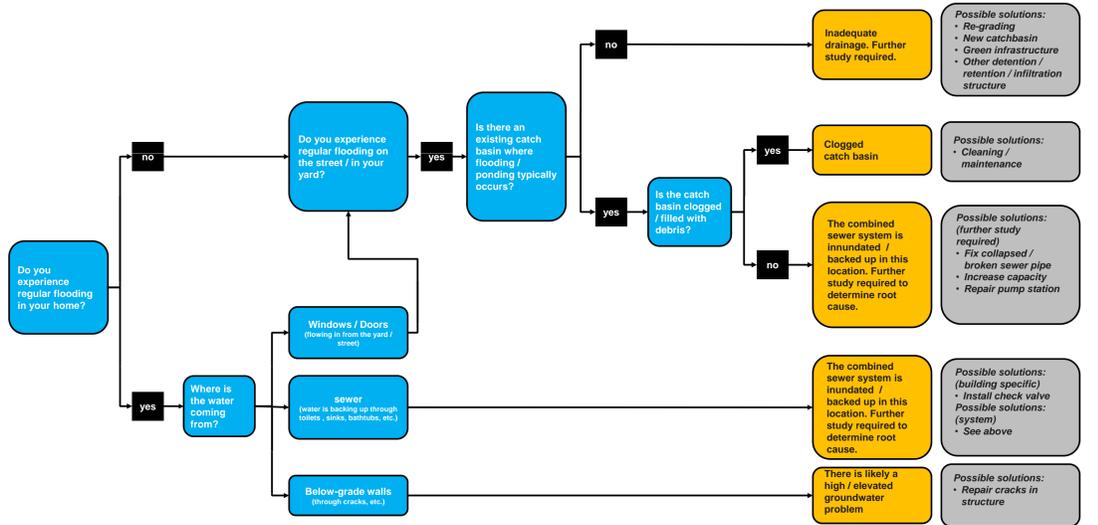


Have a specific complaint?
Know when and where it occurred?
Want to tell the City?

Report it to 311!
<http://www1.nyc.gov/311/>



Drainage issues decision tree:



Priority Projects Instructions

A key goal of the Red Hook NY Rising Open House is to get your input on which Priority Projects to fund with Red Hook's \$3M Community Development Block Grant Disaster Recovery (CDBG-DR) allocation

Your input is needed!

Around the gallery there are boards on 8 preliminary Priority Projects. Please review these boards and feel free to ask questions of Planning Committee members and staff to help you decide which projects should be recommended for CDBG-DR* funding. Then vote at the Priority Projects voting board located by the door.

*Community Development Block Grant Disaster Recovery (CDBG-DR) is a grant program administered by the U.S. Department of Housing and Urban Development

Background

Red Hook has been allocated \$3M in CDBG-DR funds and the public and Planning Committee may recommend which projects should be funded with this allocation.

The Red Hook Planning Committee has incorporated community input from 2 public meetings, 12 committee meetings, and other outreach events, to identify 8 preliminary Priority Projects. The Committee now needs your feedback.

Priority Project selection process

The Committee began with a list of over 90 possible resiliency projects generated through committee and public meetings (this list is on display). From this list, the Committee honed in on 8 preliminary Priority Projects.

The 8 preliminary Priority Projects were chosen based on the following criteria:

- Public benefits
- Potential for job creation
- Contribution to equity/integration
- Public support
- Risk-reduction
- Time frame
- Cost
- Feasibility
- CDBG-DR eligibility

Next Steps

With your input, the Red Hook Committee will recommend a set of Proposed Priority Project(s) to be funded with the CDBG-DR allocation. NY State officials will confirm the eligibility of these projects for funding and determine final allocations. Initial announcement of project implementation will begin in April or May.

Recovery Functions considered:





Resiliency construction workforce training

Project: Program to train and connect Red Hook youth/adults to employment opportunities in the construction of infrastructure and/or building improvements to support resiliency. Program could be administered through an existing workforce development organization and add on to existing license and training programs.

Rationale: An unemployment rate of 24% in Red Hook, and 75% among 18-24 year-olds in Red Hook Houses, suggests a need to supplement existing education and employment placement opportunities. Building repair and resiliency work is occurring across the city. Connecting Red Hook youth to employment opportunities in this sector would result in direct benefits to neighborhood residents and enhance the resiliency of the community.

PROJECT OVERVIEW

Benefits

- **Risk Reduction** - By expanding expertise in construction to support resiliency and repair, information about building resiliency can be shared and recovery efforts can be launched quickly and locally
- **Economic Development & Equity** - Reducing the unemployment rate in Red Hook would result in a variety of economic benefits and help create a more equitable community

Considerations

- Career prep and job placement would be an important component of the program
- Program administrators could explore mechanisms to place graduates in Red Hook
- Program could target youth but be available to adults as well
- Allocation would cover costs of program operations and full tuition for a set number of Red Hook residents

Cost

\$500K - \$1M

The cost of the program could vary substantially depending on the duration of the program and the number of applicants targeted

Timeline

1-3 years



Building trades training in Boston, MA

PRECEDENTS

BrooklynWorks - Brooklyn Workforce Innovations



Image of Brooklyn Wood, a program of Brooklyn Workforce Innovations
Credit: Brooklyn Workforce Innovations

BrooklynWorks is run in partnership with New York City District Council of Carpenters. It provides a pre-apprenticeship skills training program in construction/environmental remediation, enabling participants to earn multiple licenses, and helping to place graduates into employment.

YouthBuild USA



YouthBuild Newark students and Prudential employees measure sheetrock
Credit: Akintola Hanif

YouthBuild USA is a national program that operates throughout NYC in partnership with local organizations. The program trains youth in building trades through construction of low-income housing and provides GED/high school diploma classes.

