



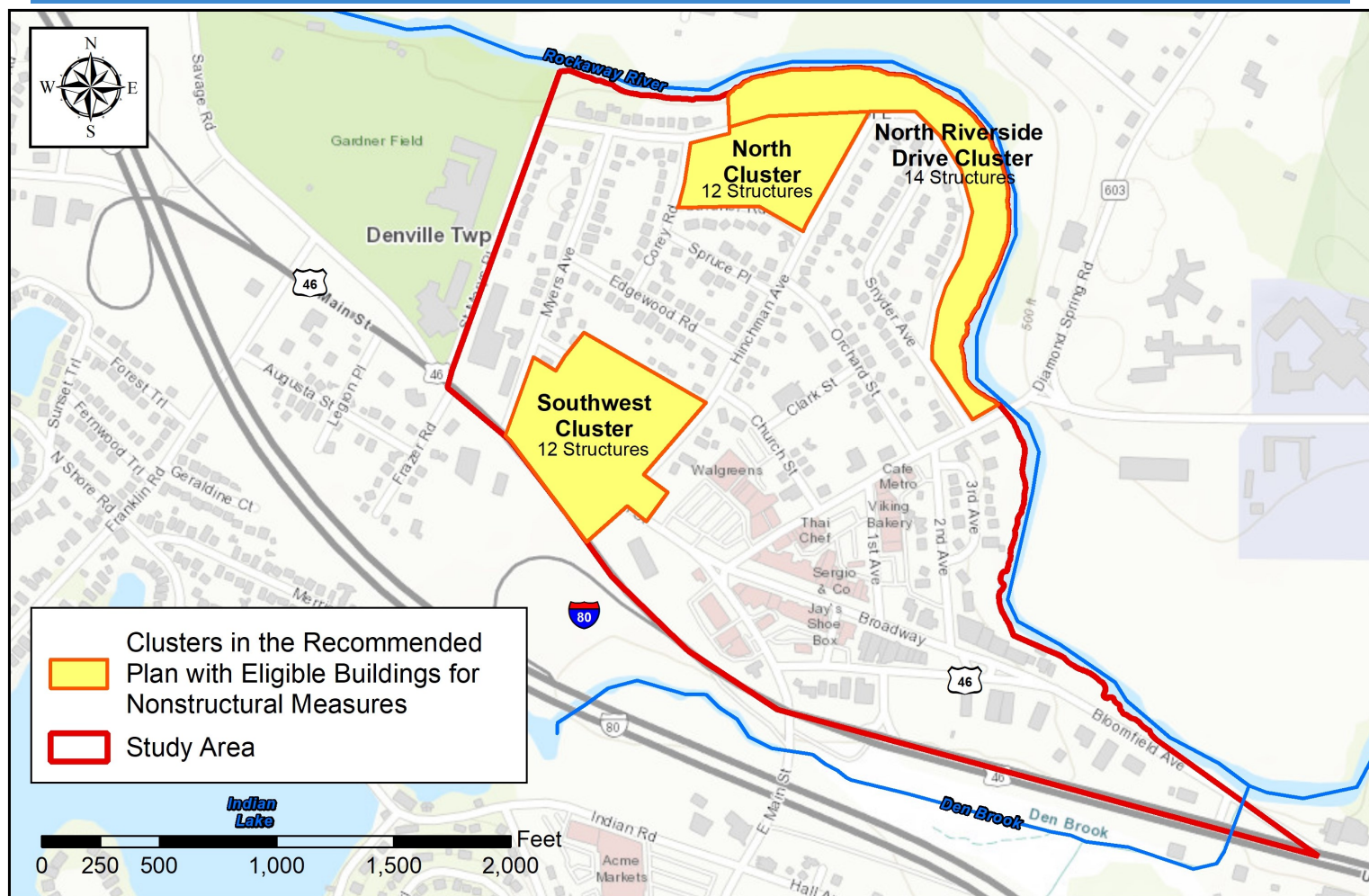
**U.S. Army Corps
of Engineers**

**ROCKAWAY RIVER AND DEN BROOK DENVILLE TOWNSHIP
MORRIS COUNTY, NEW JERSEY CONTINUING AUTHORITIES PROGRAM SECTION 205
FLOOD RISK MANAGEMENT STUDY
"DENVILLE STUDY"**



THE RECOMMENDED PLAN CONSISTS OF IMPLEMENTING NONSTRUCTURAL MEASURES IN 38 STRUCTURES IN THE TOWNSHIP OF DENVILLE

**RECOMMENDED PLAN:
NONSTRUCTURAL PLAN FOR THE TOWNSHIP OF DENVILLE
\$19.0 MILLION TOTAL COSTS
38 STRUCTURES**



USACE and NJDEP have identified a recommended plan consisting of implementing nonstructural measures in the 38 structures in three groupings (clusters) with the highest flood risk in the downtown business district in the Township of Denville.

The recommended plan consists of:

- * Elevating 28 residential structures and 2 non-residential structures to a target height one-foot above the 1% annual exceedance probability (AEP) water surface elevation as determined by hydrologic modeling.
- * Floodproofing of 2 residential and 6 non-residential structures to various target heights. Floodproofing measures include sealants, flood shields, elevation of mechanical and electrical equipment, flood louvers, and skimmer pumps to reduce damages to structures. Specific measures would be identified for each structure during the design phase of the project.

What you need to know...

- ⇒ USACE and the Township of Denville will reach out to eligible homeowners and building owners to discuss the types of the nonstructural measures, how building owners can participate, and requirements for participation.
- ⇒ All flood risk management measures in this plan are voluntary, eligible building owners may elect to opt out of the plan.
- ⇒ Specific measures for each building will be determined during the design phase and in coordination with affected building owners.
- ⇒ Temporary relocation benefits may be available for certain owners while construction on the project is taking place on the building.
- ⇒ Costs for implementation of recommended measures are cost-shared by the Federal Government (65 percent) and its non-Federal partners (35 percent).
- ⇒ Building owners would retain certain responsibilities for maintaining measures.

PUBLIC INVOLVEMENT

The draft Integrated Feasibility Report & Environmental Assessment is available for public review and comment at the website provided in this document.

Comments will be accepted from September 26 to October 26, 2023 via e mail to CENAB DenvilleStudy@usace.army.mil or mail to the New York District address.

*For additional information and to access the Draft Report, please visit the project website:
<https://www.nan.usace.army.mil/Missions/Civil Works/Projects in New Jersey/Denville/>*

Mailing Address:

U.S. Army Corps of Engineers,
New York District, Planning Division
Subject: Denville Study
Jacob K. Javits Federal Building
26 Federal Plaza, Room 2145
New York, NY 10278 0090

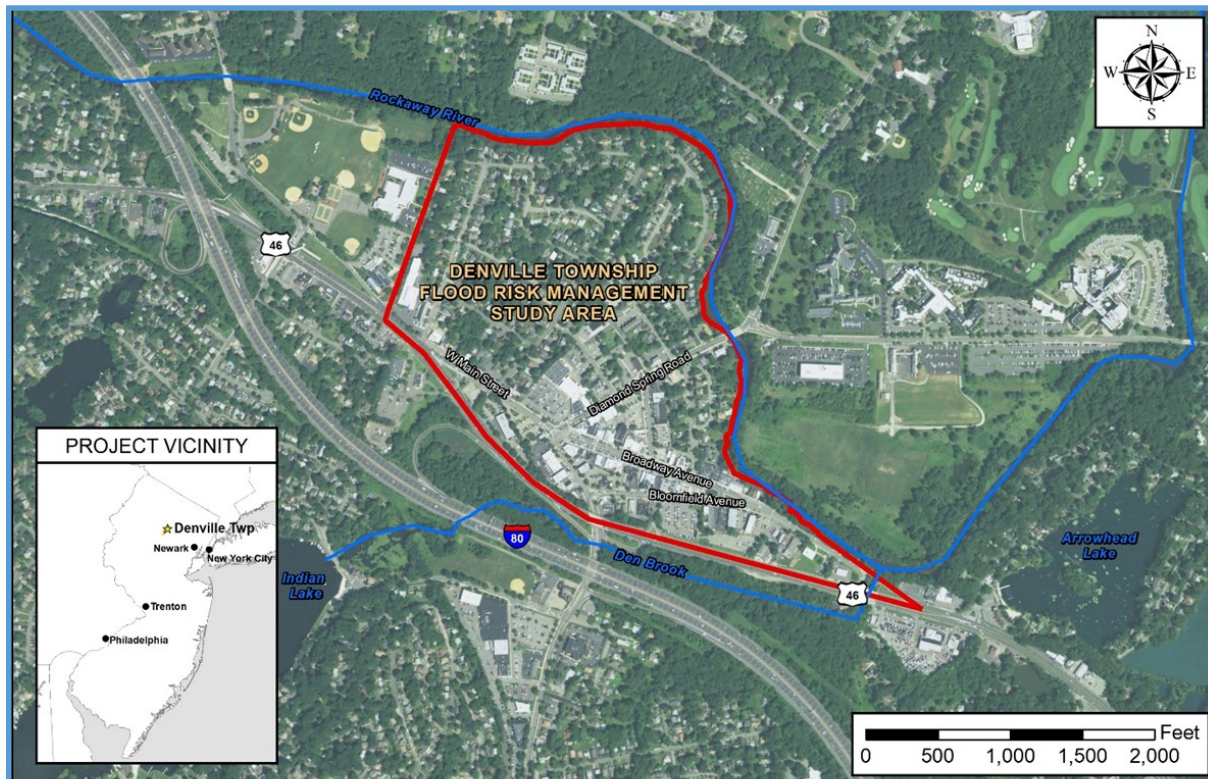


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ROCKAWAY RIVER AND DEN BROOK DENVILLE TOWNSHIP MORRIS COUNTY, NEW JERSEY CONTINUING AUTHORITIES PROGRAM SECTION 205 FLOOD RISK MANAGEMENT STUDY



“DENVILLE STUDY”



The U.S. Army Corps of Engineers, New York District (USACE) has partnered with the New Jersey Department of Environmental Protection (NJDEP), the non-Federal sponsor, and the Township of Denville to investigate the feasibility of flood risk management solutions to riverine flooding from the Rockaway River and Den Brook in the Township of Denville. USACE is releasing a draft Integrated Feasibility Report and Environmental Assessment (“draft report”) for the Rockaway River and Den Brook, Denville Township, Morris County, New Jersey, Continuing Authorities Program (CAP) Section 205 Flood Risk Management Study to document environmental analysis completed for flood risk management alternatives examined in this study in accordance with the National Environmental Policy Act (NEPA) of 1969, as amended.

STUDY PURPOSE

The purpose of the Denville Study is to investigate the feasibility of flood risk management (FRM) solutions to riverine flooding from the Rockaway River and Den Brook in the Township of Denville.

STUDY SCOPE

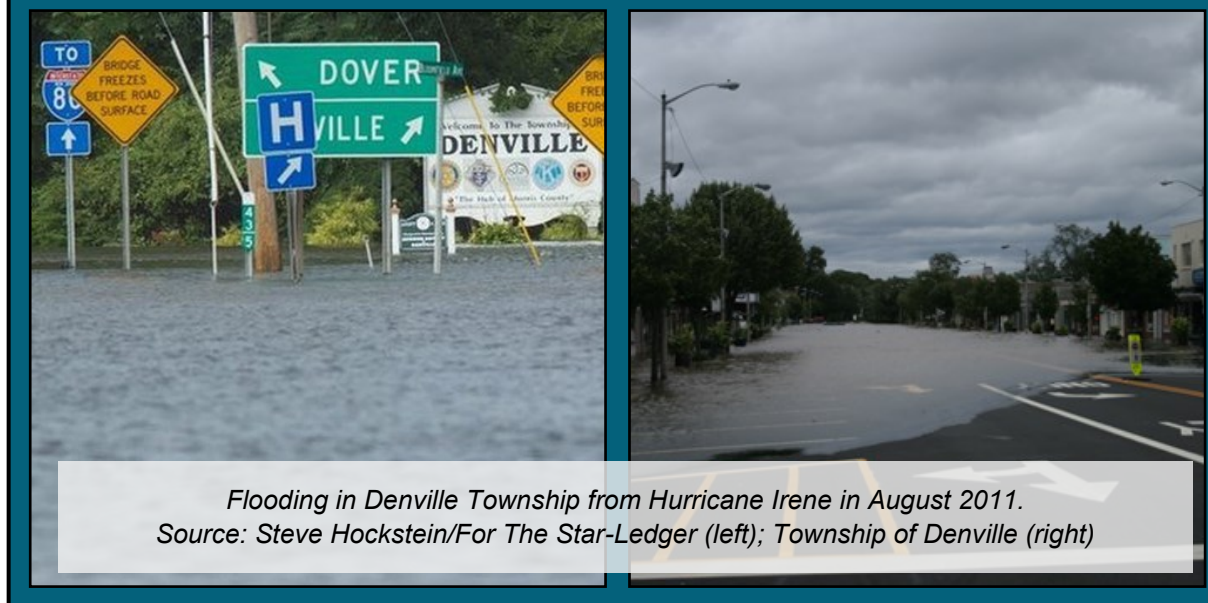
The study included examining structural and nonstructural solutions to riverine flooding in the downtown business district in the Township of Denville. USACE developed 13 alternative plans proposing structural and nonstructural measures to address FRM and a no action alternative required by NEPA regulations. The alternatives included constructing floodwalls and levees, raising roads, rerouting high flows in the Rockaway River through the historic Morris Canal away from the downtown business district, acquisition of flood-prone structures, and nonstructural treatments including elevation and floodproofing of at-risk structures. A plan consisting of nonstructural measures was identified as the recommended plan.

STUDY AUTHORITY

This study is being carried out under the CAP, authorized by Section 205 of the Flood Control Act of 1948 (Public Law 80-858), as amended, which allows USACE to plan, design, and construct small flood risk management projects. Projects are cost-shared 65% federal and 35% non-Federal, with a maximum federal contribution of \$10 million per project.

STUDY PROCESS

Once the feasibility study is completed, USACE will coordinate with the Township of Denville to enter into a Project Partnership Agreement (PPA) to initiate the design and implementation phase of the project. This phase will consist of identifying specific nonstructural measures for eligible structures, coordination with homeowners, acquiring any required real estate to implement the project, and designing specific nonstructural treatments for structures including identifying any operation and maintenance needed for the project.



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