

Mamaroneck – Sheldrake Rivers Flood Risk Management Study , Village of Mamaroneck, Westchester County, NY

Public Scoping Meeting
22 June 2010



Mamaroneck – Sheldrake Rivers Flood Risk Management Study

Public Meeting Goals

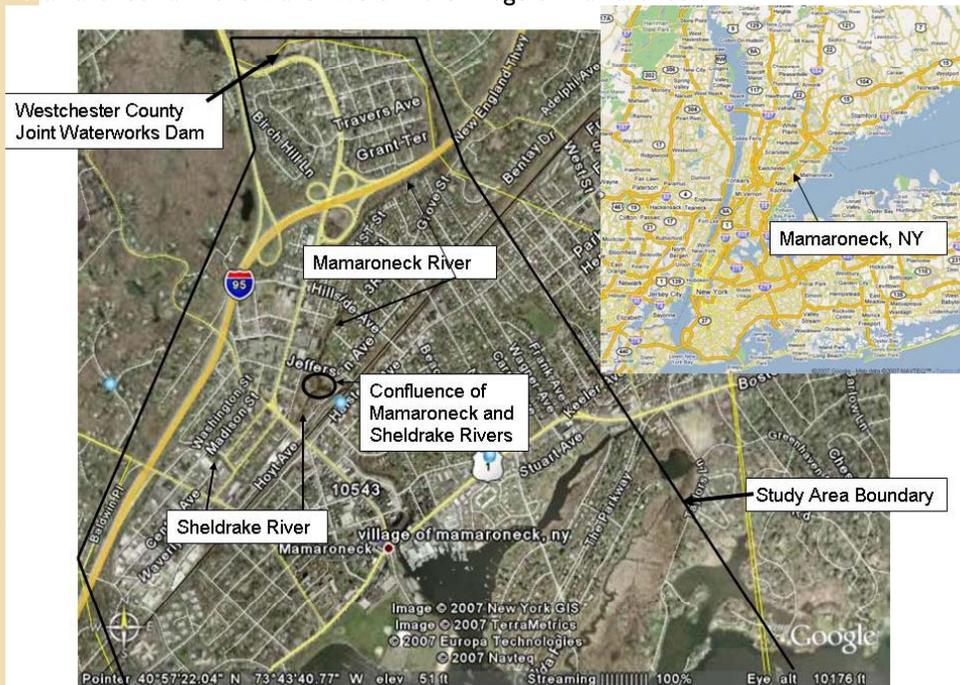
- ❖ To provide you with information about the purpose, scope, and timeline for the study
- ❖ To explain the U.S. Army Corps of Engineers (Corps) process for compliance with the National Environmental Policy Act (NEPA), producing an Environmental Impact Statement (EIS).
- ❖ To provide an opportunity for you to give input and ask questions.

Purpose

- ❖ To reevaluate the project authorized by the Water Resources Development Act of 1986 and examine opportunities for flood risk management in the Village of Mamaroneck.
- ❖ To produce a recommended plan providing a basis for construction authorization

Scope

- ❖ Identify the National Economic Development (NED) plan that reduces flood risk along the Mamaroneck and Sheldrake Rivers in the Village of Mamaroneck.



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USACE Post-Authorization Study Process

Conducted simultaneously with NEPA process

Evaluate alternatives

- ❖ Benefits
- ❖ Costs
- ❖ Environmental impacts
- ❖ Must be compared against the previously authorized plan of Water Resource Development Act of 1986

Recommend plan for authorization

- ❖ National Economic Development Plan, based on maximum net benefits
- ❖ Locally Preferred Plan

Prepare General Reevaluation Report (GRR) and EIS

General Reevaluation Report Review and Approval

- ❖ Reviewed by another USACE district for Agency Technical Review
- ❖ Reviewed by an Independent (outside USACE group) for External Peer Review.
- ❖ General Reevaluation Report and EIS are submitted to Corps Division and Headquarters.
- ❖ Once approved by Headquarters, the GRR and EIS are sent to other state and federal agencies for review.
- ❖ Federal and State agency comments are considered and incorporated as appropriate
- ❖ EIS is filed with EPA and made available to the public for review.
- ❖ Comments from public are considered and incorporated as appropriate
- ❖ GRR and EIS are finalized
- ❖ Reports reviewed and approved by USACE Civil Works Review Board
- ❖ Reports referred to Congress for construction authorization

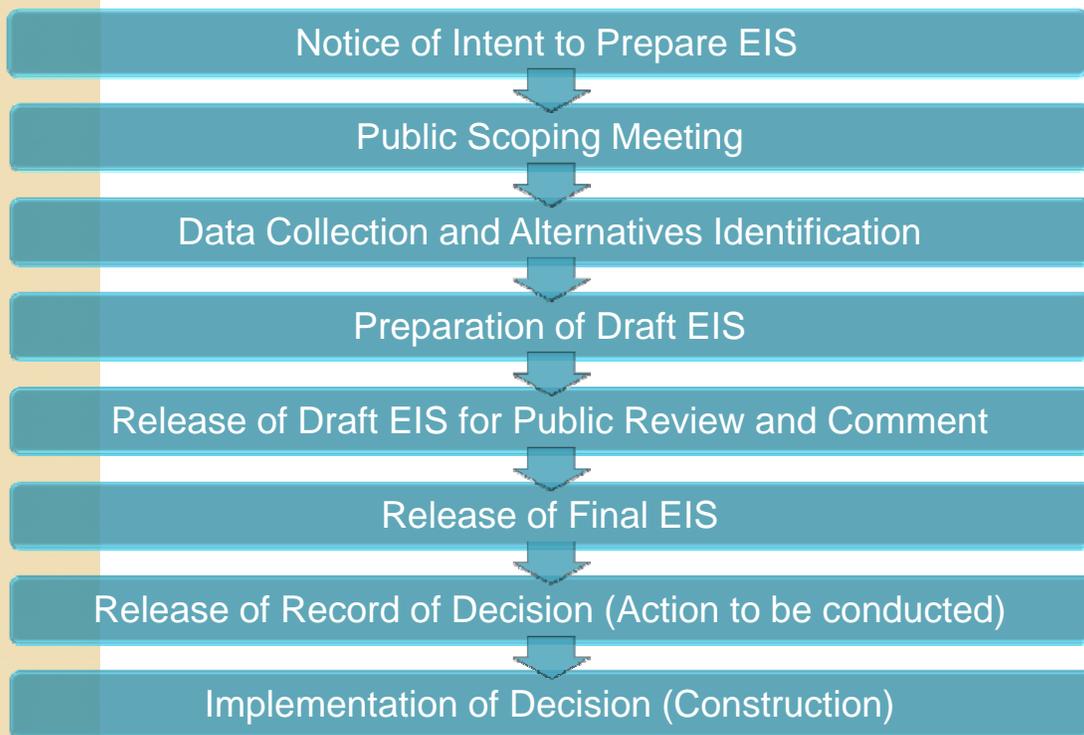


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Timeline

❖ Public meeting	Jun 2010
❖ Draft Environmental Impact Statement	May 2013
❖ Draft General Reevaluation Report	Jun 2013
❖ Final General Reevaluation Report	Dec 2014
❖ Final Environmental Impact Statement	Dec 2014
❖ Record of Decision	Jan 2015
❖ Final General Reevaluation Report Approved by USACE Headquarters	Mar 2015
❖ Construction	Sept 2015

National Environmental Policy Act Process



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Pre-Construction Engineering and Design

- ❖ District initiates Plans and Specs
- ❖ District prepares Operations and Maintenance Manual
- ❖ USACE and Sponsors negotiate Project Partnership Agreement
- ❖ Federal funds included in the President's budget
- ❖ Plans and Specs are finalized

Construction and Operations and Maintenance Phase

- ❖ Construction begins and is managed by the District
- ❖ Non-Federal partner conducts Operations and Maintenance of completed project
- ❖ District will conduct environmental monitoring for five years if required
- ❖ District will periodically inspect project post-construction



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Potential Structural Alternatives

- ❖ Modify river channel through deepening & widening,
- ❖ Construct retaining walls
- ❖ Replace or remove bridges
- ❖ Construct a diversion tunnel
- ❖ Construct interior drainage works on the rivers
- ❖ Combinations of the above and others



Channel widening and deepening



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Potential Structural Alternatives

Flood wall in conjunction with vegetation planting and stream stabilization



Channeling widening and deepening



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Potential Non-Structural Alternatives

- ❖ Property buyouts
- ❖ Preservation and creation of open spaces and wetlands
- ❖ Floodproofing structures
- ❖ No Action

Before Floodproofing



After Floodproofing - House Raised



Potential Cultural Studies

- ❖ Review of National Register of Historic Places
- ❖ Identification of historic properties including archaeological sites, historic structures, and buildings



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Potential Environmental Studies

- ❖ Review of previous data and data collection
- ❖ Water quality, and water column sampling
- ❖ Sediment sampling
- ❖ Fish and Wildlife surveys particularly Indiana Bat, an endangered species
- ❖ Wetland Delineation
- ❖ Potential Mitigation site identification
- ❖ Vegetation surveys

