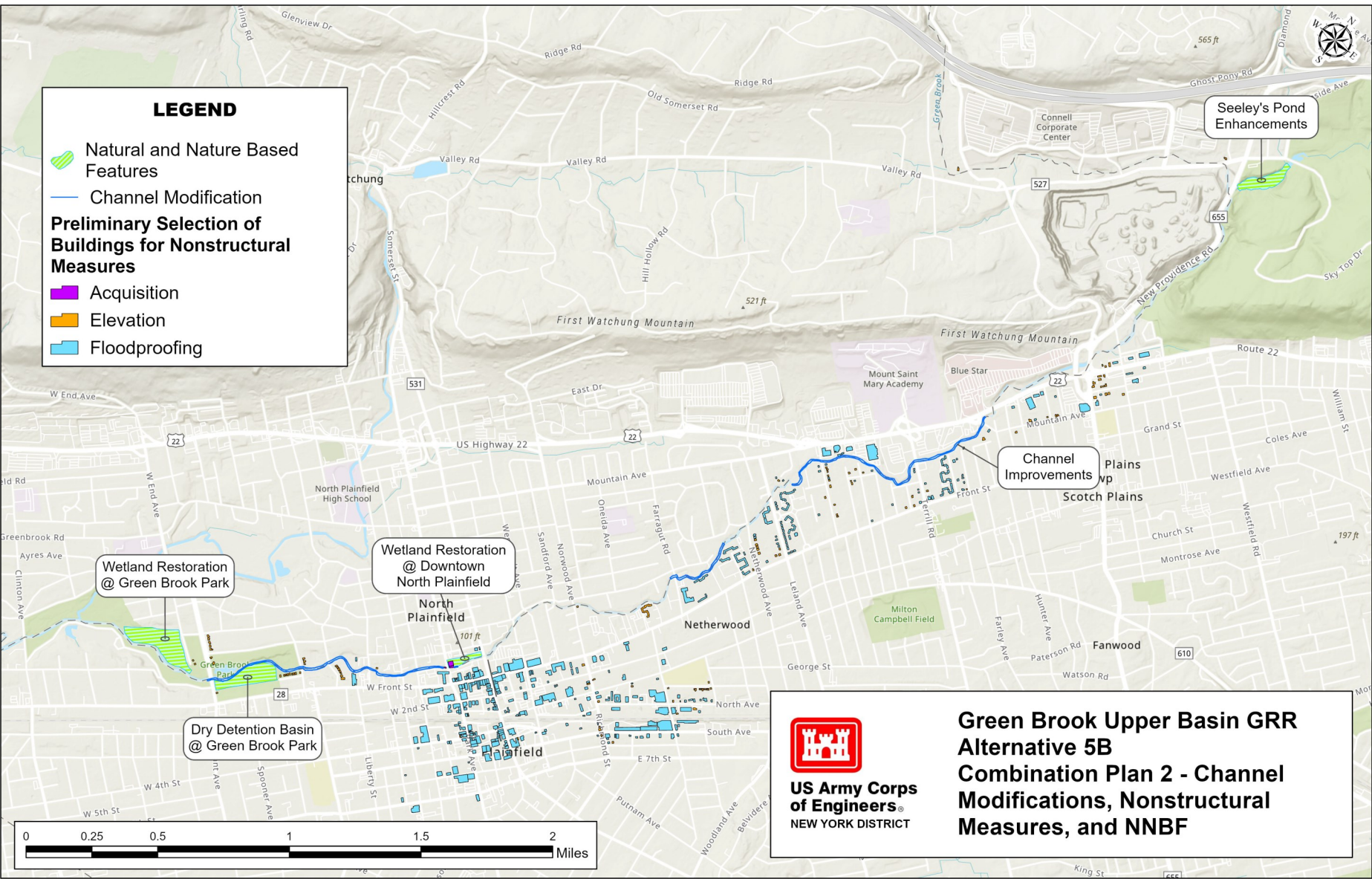


GREEN BROOK UPPER BASIN FLOOD RISK MANAGEMENT PROJECT
SOMERSET, MIDDLESEX AND UNION COUNTIES, NEW JERSEY
GENERAL REEVALUATION REPORT

“UPPER BASIN STUDY”

ALTERNATIVE 5B: COMBINATION PLAN 2: CHANNEL MODIFICATION,
NONSTRUCTURAL MEASURES, AND NATURAL AND NATURE BASED
FEATURES (NNBF)



Concept for Plan—Channel Modification, Nonstructural Measures, and Natural and Nature Based Features (NNBF):

- ♦ Channel clearing along the Green Brook to increase the storage capacity of the stream in critical sections between Highway 22 and the Green Brook Park. The total length of channel modification is 12,400 feet along the Green Brook. The channel typical cross-sections are designed for more frequent flood events up to the 4% annual exceedance probability storm event (25-year storm).
- ♦ Nonstructural measures consisting of structure elevation, floodproofing, and acquisition of properties, and structural measures for individual structures including ringwalls in North Plainfield Township and Plainfield City.
- ♦ Nature-based features including wetland restoration and creation of a dry detention basin in the Green Brook Park in North Plainfield Township.
- ♦ Increasing storage capacity by dredging built up sediment in Seeley’s Pond located in the Watchung Reservation.

PUBLIC INVOLVEMENT

The Upper Basin Study is conducting initial public engagement under NEPA to inform the evaluation of alternative plans for flood risk management in the Green Brook Upper Basin. Public feedback is being requested via the website or via e mail at greenbrookfrmproject@usace.army.mil

For additional information, please visit the project website:
<https://www.nan.usace.army.mil/GRR/>



NEW JERSEY
DEPARTMENT OF
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PROTECTION



U.S. Army Corps
of Engineers