

PROJECT DESCRIPTION

STATE PROJECT NO. 034-0347

F.A.P. NO. 0806(001) PE

**INTERSECTION IMPROVEMENTS ON NEWTOWN ROAD (S.R. 806) AT OLD NEWTOWN ROAD &
SAFETY IMPROVEMENTS ON NEWTOWN ROAD (S.R. 806) BETWEEN
OLD NEWTOWN ROAD AND PLUMTREES ROAD
AND BETWEEN EAGLE ROAD AND INDUSTRIAL PLAZA ROAD
IN THE CITY OF DANBURY**

PROJECT LOCATION: This project is located on Newtown Road (S.R. 806) in the City of Danbury and involves two sites. Site 1 extends approximately 1600 feet easterly from the Public Works Complex drive (mi. 0.58) to Plumtrees Road (mi. 0.87) and includes the intersection of Newtown Road at Old Newtown Road. Site 2, located 0.3 miles east of Plumtrees Road, extends from Eagle Road (mi. 1.18) 1085 feet easterly to Industrial Plaza Road (mi. 1.39), approximately 0.2 miles.

EXISTING CONDITIONS Newtown Road (S.R. 806) is classified as an urban minor arteriar roadway and has a posted speed limit of 35 mph. This roadway experiences approximately 24,000 vpd in the vicinity of Old Newtown Road and approximately 33,400 vpd near Bridge No. 1676.

Site 1: Newtown Road (S.R. 806) from the Public Works Complex to Plumtrees Road:

Newtown Road consists of one travel lane in each direction from the Public Works Complex to 100 feet west of Plumtrees Road. The intersection at Old Newtown Road is a signalized "Y-shaped" intersection with a stop-controlled westerly leg. The intersection is currently operating at an "F" level of service. The Plumtrees Road intersection is signalized and consists of two travel lanes in each direction and an exclusive left-turn lane.

Site 2: Newtown Road (S.R. 806) from Eagle Road to Industrial Plaza Road:

Newtown Road (S.R. 806) is a four-lane east/west roadway that traverses through commercial and light commercial properties. Traffic control signals are located at the intersection of Newtown Road, Eagle Road, and the Berkshire Shopping Center and at the intersection of Newtown Road and the Hampton Inn/Expect Discount Grocery Store drives. Exclusive left-turn lanes are separated by a painted island between the two traffic control signals. Lime Kiln Brook, a tributary of the Still River, crosses Newtown Road via Bridge No. 1676 approximately 170 feet east of Eagle Road.

PROJECT PURPOSE: *Site 1:* The purpose of this project is to provide safety and capacity improvements, which involves widening of approximately 1600 feet of Newtown Road from the Public Works Complex drive to Plumtrees Road. The new section will consist of four 11-foot travel lanes and directional left-turn lanes at the Public Works Complex drive and at the Old Newtown Road intersection. It is anticipated that a retaining wall of varying height will be required on Newtown Road to minimize impacts to the abutting properties. In addition the intersection at Old Newtown Road will be normalized by eliminating the atypical configuration and the existing stop-controlled leg. A raised island from Old Newtown Road to Plumtrees Road will be installed to address the existing left-turn collisions. Additionally, partial right-of-way acquisitions and utility relocation will be required.

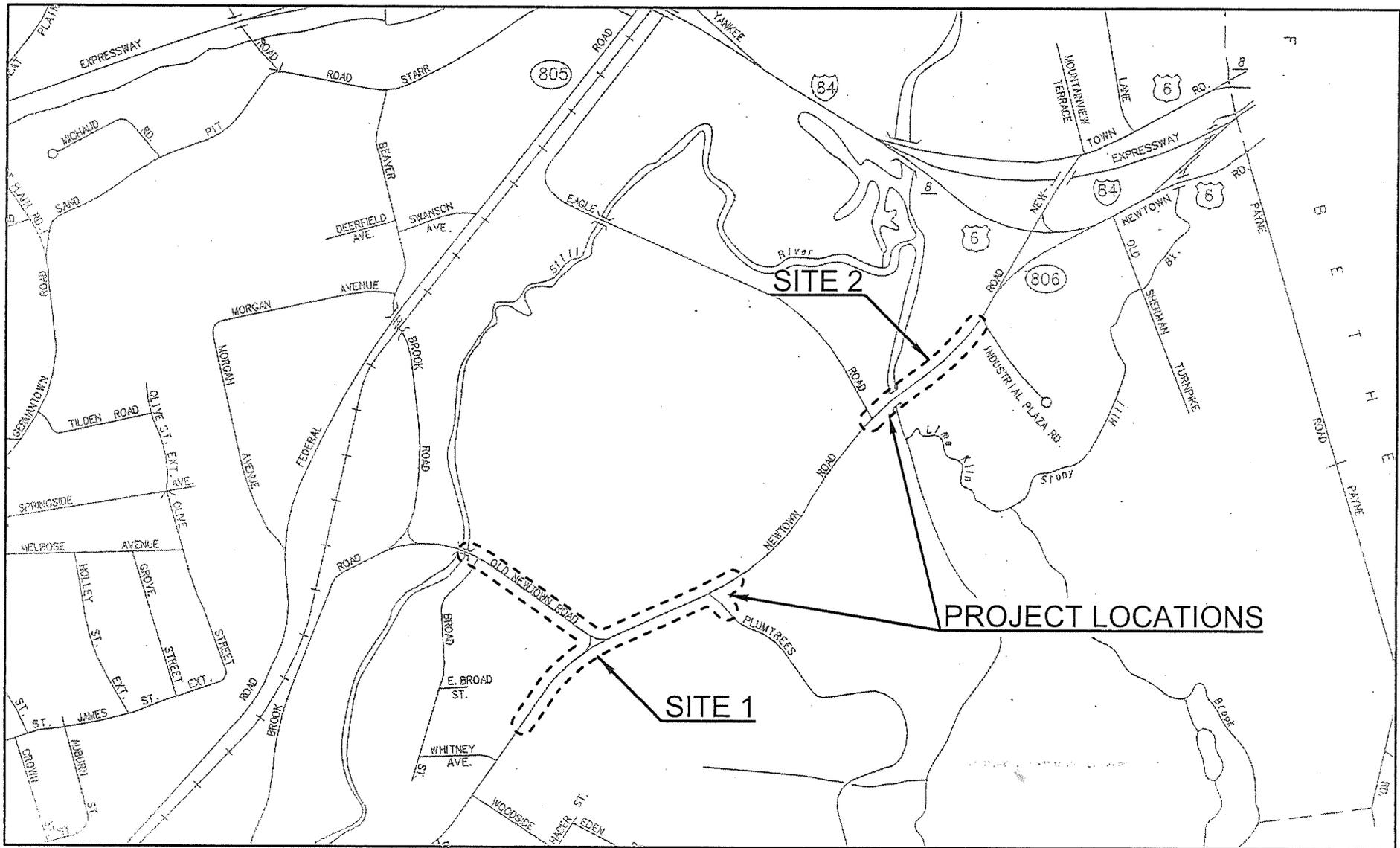
Site 2: The proposed improvements from Eagle Road to Industrial Plaza Road will address the existing left-turn collision pattern by installing a raised island from just east of Bridge No. 1676 to the commercial driveways for the Hampton Inn/Expect Discount Grocery Store. It is anticipated that any associated roadway widening will be located within the existing State right-of-way.

PROJECT COSTS:

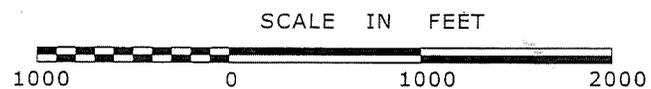
SCHEDULE

ANTICIPATED PERMITS

Preliminary Engineering	\$1,000,000	FDP 12/11/14	Site 1: IW General
ROW	\$1,000,000	ROW 12/18/13	Site 2: Flood Management
Construction	\$7,500,000	Const. Summer 2015	Stormwater Discharge



PROJECT LOCATIONS



STATE PROJECT NO.:
 034 - 0347
 CITY/TOWN:
 DANBURY

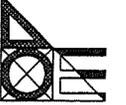
STATE OF CONNECTICUT
 DEPARTMENT OF TRANSPORTATION



INTERSECTION & SAFETY
 IMPROVEMENTS ON NEWTOWN ROAD (S.R. 806)



OFFICE OF
 ENGINEERING



DATE:
 JANUARY 2013