

**Project No. 115-114
Federal Aid Project No. 0044(145)
Route 44 Bridge #00992 Rehabilitation
(Putnam Memorial Bridge)
Over the Quinebaug River
Town of Putnam**

Project Location: The proposed project is located on Route 44 approximately 900 feet west of the SR 12 (Kennedy Drive) - Route 44 (Pomfret Street) intersection in the town of Putnam. The bridge carries Route 44 (Pomfret Street) over the Quinebaug River.

Project Purpose: The purpose of this project is to rehabilitate the superstructure of the bridge, and in the process restore its aesthetic value.

Project Description: The bridge was constructed in 1925 and rehabilitated in 1957. The bridge is a one span reinforced concrete arch, supported by reinforced concrete abutments. The roadway width is 30.5 feet and the length of the bridge is 68 feet.

A 2008 bridge inspection report found that while the substructure was in satisfactory condition, the superstructure was only in fair condition.

The concrete sidewalks on the bridge are severely deteriorated in some areas. There is a 10 foot by 5 foot steel plate located near the northeast corner of the bridge, covering a hole in the concrete. There are areas of spalling with exposed rebar and cracks underneath the bridge.

The parapets are cracked and spalling. The concrete bases of the light standards have severe deterioration with large void areas and spalls.

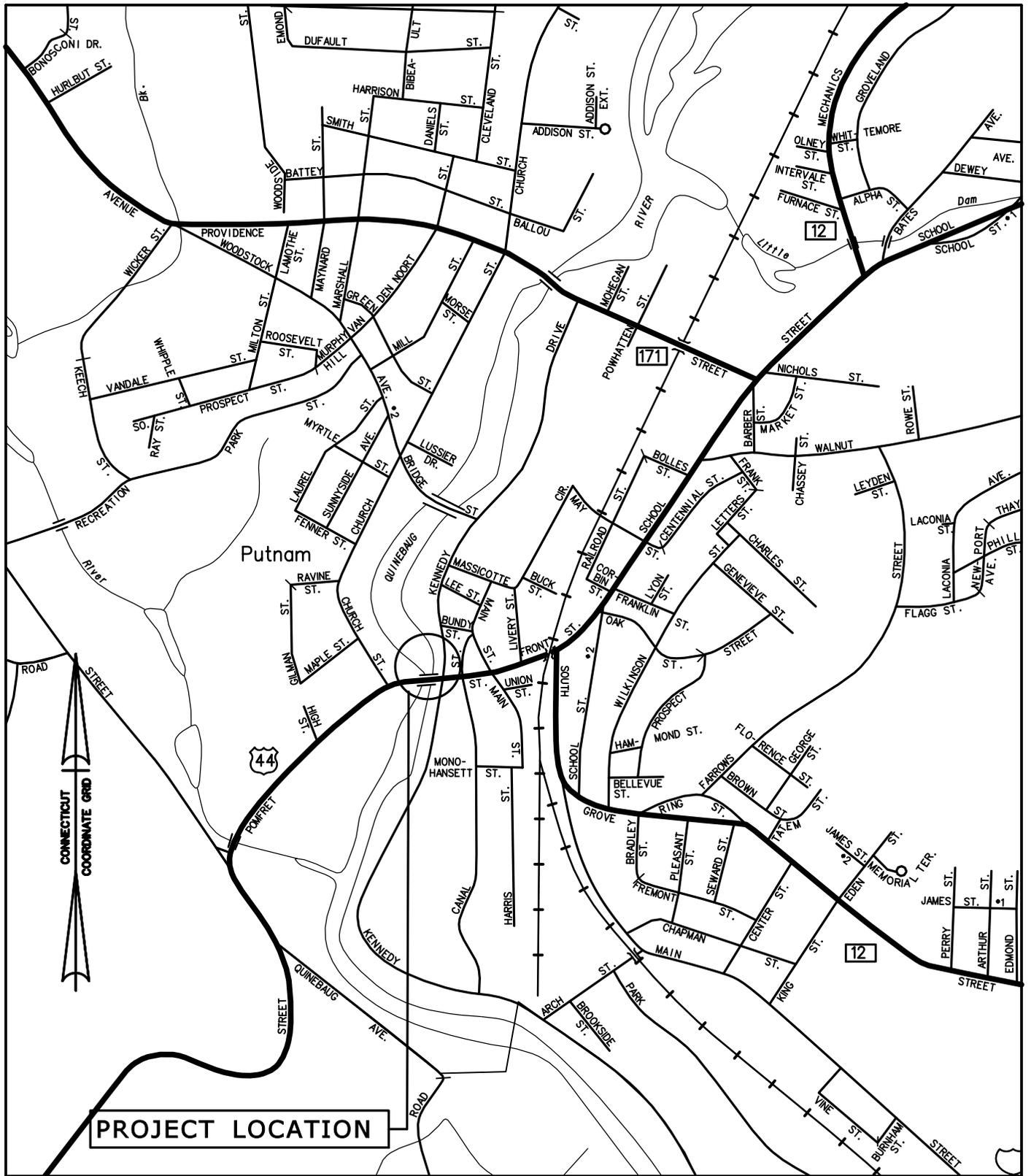
The bridge superstructure will be rehabilitated by replacing the parapets, sidewalks, and light fixtures in-kind. Necessary patching of the structure will also be included along with addressing minor abrasion issues of the abutments. The roadway will be resurfaced within the project limits. The roadway width will remain the same.

Permits: Inland wetland, and SCEL General Permits will be required. Floodplain Management General Certification and Army Corps of Engineers Category 2 Permit will be required.

Rights of Way: Various construction (temporary) and permanent easements will be required for this project. A construction easement from Rotary Park (roughly 1,290 square feet) will be required for the purpose of access, installing temporary cofferdam, grading and storage of materials and equipment during construction. Access to the park as well as to the Putnam River Trail will not be impeded in anyway. A permanent easement for highway purposes from Rotary Park (roughly 1,585 square feet) is also required for the project. See attached plans.

Utilities: Up to two utility poles on the north side of the roadway near west approach to the bridge may need to be temporarily relocated. There are underground utilities within the project limits that will also require relocation.

Maintenance and Protection of Traffic: Route 44 (Pomfret Street) will be closed throughout the duration of the project and traffic will be detoured over state and local roads.



STATE PROJECT NO.:
115-114
 CITY/TOWN:
PUTNAM

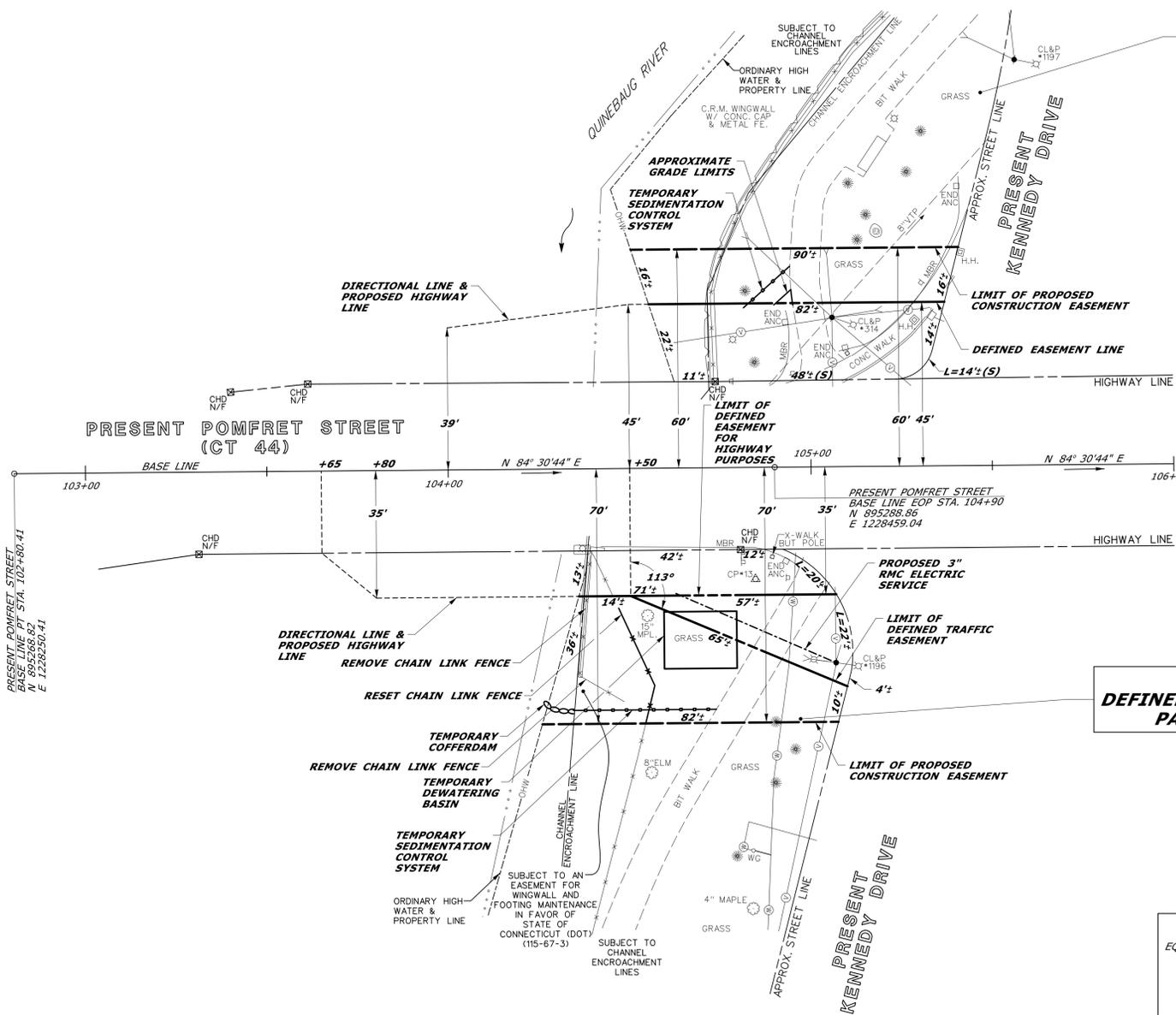
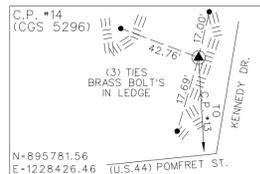
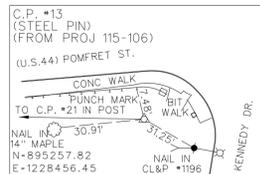

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

BRIDGE #992 REHABILITATION

OFFICE OF
 ENGINEERING



DATE:
AUGUST 2007



**TOWN OF PUTNAM
DEFINED EASEMENT FOR HIGHWAY PURPOSES
PARCEL NO. 1 AREA = 1,585±SQ. FT.**

EASEMENT FOR HIGHWAY PURPOSES AND APPURTENANCES THERETO ACQUIRED.

CONSTRUCTION EASEMENT FOR THE PURPOSE OF ACCESS, INSTALLING SEDIMENTATION CONTROL SYSTEM, INSTALLING TEMPORARY COFFERDAM, GRADING AND STORAGE OF MATERIALS & EQUIPMENT DURING REPAIR OF BRIDGE NO. 00992 ROUTE 44 OVER QUINEBAUG RIVER ACQUIRED. ACCESS TO WALKWAY IN PARK SHALL BE MAINTAINED THROUGHOUT DURATION OF PROJECT. WALKWAY IS NOT TO BE USED FOR STORAGE OF MATERIALS OR EQUIPMENT NOR MAY ITS USE BE IMPEDED AT ANY TIME. CONSTRUCTION EASEMENT TAKEN UNDER THIS PARAGRAPH WILL BE RESTORED BY REMOVAL OF SEDIMENTATION CONTROL SYSTEM, REMOVAL OF TEMPORARY COFFERDAM, GRADING & SEEDING AND REPAIRING OF ANY DISTURBED AREAS. SAID EASEMENT WILL BE EXTINGUISHED WHEN NO LONGER REQUIRED.
EASEMENT AREA = 1,289±SQ.FT.

**TOWN OF PUTNAM
DEFINED EASEMENT FOR HIGHWAY PURPOSES
PARCEL NO. 2 AREA = 793± SQ. FT.**

EASEMENT FOR HIGHWAY PURPOSES AND APPURTENANCES THERETO ACQUIRED.

**DEFINED TRAFFIC EASEMENT
AREA = 764± SQ. FT.**

EASEMENT TO INSTALL AND MAINTAIN TRAFFIC SIGNALIZATION DEVICES AND APPURTENANCES THERETO ACQUIRED.

CONSTRUCTION EASEMENT FOR THE PURPOSE OF ACCESS, REMOVAL OF CHAIN LINK FENCE, STORAGE OF MATERIALS & EQUIPMENT, GRADING AND INSTALLING TEMPORARY DEWATERING BASIN, TEMPORARY COFFERDAM & SEDIMENTATION CONTROL SYSTEM DURING REPAIR OF BRIDGE NO. 00992 ROUTE 44 OVER QUINEBAUG RIVER ACQUIRED. ACCESS TO WALKWAY IN PARK SHALL BE MAINTAINED THROUGHOUT DURATION OF PROJECT. WALKWAY IS NOT TO BE USED FOR STORAGE OF MATERIALS OR EQUIPMENT NOR MAY ITS USE BE IMPEDED AT ANY TIME. CONSTRUCTION EASEMENT TAKEN UNDER THIS PARAGRAPH WILL BE RESTORED BY RESETTING CHAIN LINK FENCE, REMOVAL OF TEMPORARY DEWATERING BASIN, REMOVAL OF TEMPORARY COFFERDAM, REMOVAL OF SEDIMENTATION CONTROL SYSTEM, GRADING & SEEDING AND REPAIRING OF ANY DISTURBED AREAS. SAID EASEMENT WILL BE EXTINGUISHED WHEN NO LONGER REQUIRED.
EASEMENT AREA = 2,000± SQ.FT.

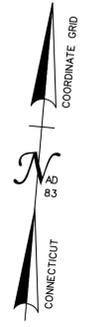
- REFERENCES:
- GENERAL LOCATION SURVEY PROVIDED BY CONNDOT DIST. 2 PROJECT NO. 115-114 CAD FILE: SV.D2.115.0114.GRN.dgn
 - CONNDOT CONSTRUCTION PROJECT ENTITLED "REPAIR OF BRIDGE NO. 00992 ROUTE 44 OVER QUINEBAUG RIVER" PROJECT NO. 115-114
 - CONNDOT ROW MAP NO. 115-11, SHT. 1 OF 2
 - MAP ENTITLED "CHANNEL ENCROACHMENT LINES QUINEBAUG RIVER FROM RAILROAD BRIDGE TO 400FT NORTH OF POMFRET STREET, PUTNAM, CONN.", SCALE: 1"=100FT, DATE: AUGUST 1958 (P.L.R. MAP NO. 357A)
 - VOL. 69, P. 134 (WARR.)
 - VOL. 67, P. 304 (STATEMENT)
 - CONNDOT BRC FILE NO. 115-67-3
 - CONNDOT BRC FILE NO. 115-96-1
 - CONNDOT BRC FILE NO. 115-96-1A

- NOTES:
- THIS SURVEY AND MAP HAVE BEEN PREPARED IN ACCORDANCE WITH THE REGULATIONS OF CONNECTICUT STATE AGENCIES, SECTIONS 20-300B-1 THROUGH 20-300B-20, AND THE "STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT" AS ADOPTED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. ON SEPTEMBER 26, 1996. IT IS A RIGHT OF WAY SURVEY AND IS INTENDED TO DEFINE THE LIMITS OF PROPERTY TRANSACTION FOR THE PROJECT REFERENCED HEREON. THE BASE LINE FROM WHICH THIS PROPERTY TRANSACTION IS REFERENCED CONFORMS TO CLASS A-2 HORIZONTAL ACCURACY.
 - THE FEATURES DEPICTED ARE THE RESULT OF THE GENERAL LOCATION SURVEY FOR THE PROJECT OR AS REFERENCED HEREON.
 - THE PROPERTY AND STREET LINES DEPICTED CONFORM TO CLASS D ACCURACY. THEY HAVE BEEN COMPILED FROM VARIOUS SOURCES AND ARE NOT TO BE CONSTRUED AS NECESSARILY BEING THE RESULT OF A FIELD SURVEY, NOR DO THEY REPRESENT A PROPERTY/BOUNDARY OPINION.
 - THE CONSTRUCTION EASEMENTS DEPICTED HEREON WILL BE FORMALLY EXTINGUISHED BY AN AFFIDAVIT WHICH WILL BE FILED IN THE PUBLIC LAND RECORDS.

DRAWN BY	DJF
DATE	04/01/13
CHECKED BY	SAE
DATE	04/06/13

File: \\sh3dgs18\CTDOT_projects\115.0114.2007\Survey\Property_Maps\SV_CS_115_114_005_PM.dgn

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DATE	REVISION	REQ. BY

TO MY KNOWLEDGE AND BELIEF, THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON.

PLS #18824

VOID WITHOUT LIVE SIGNATURE AND EMBOSSED SEAL

TOWN NO. 115

PROJECT NO. 115-114

SERIAL NO. 5 TITLE: MANAGER - SURVEY OPERATIONS

SHEET 1 OF 1 DATE: _____

ROBERT J. BARON, P.L.S.

THOMAS A. HARLEY, P.E.

CHIEF ENGINEER - BUREAU OF ENGINEERING AND CONSTRUCTION

RIGHT OF WAY SURVEY

TOWN OF PUTNAM

MAP SHOWING EASEMENTS ACQUIRED FROM TOWN OF PUTNAM

BY THE STATE OF CONNECTICUT

DEPARTMENT OF TRANSPORTATION

REPAIR OF BRIDGE NO. 00992 ROUTE 44 OVER QUINEBAUG RIVER

SCALE 1" = 20'

APRIL 2013

THOMAS A. HARLEY, P.E.

CHIEF ENGINEER - BUREAU OF ENGINEERING AND CONSTRUCTION