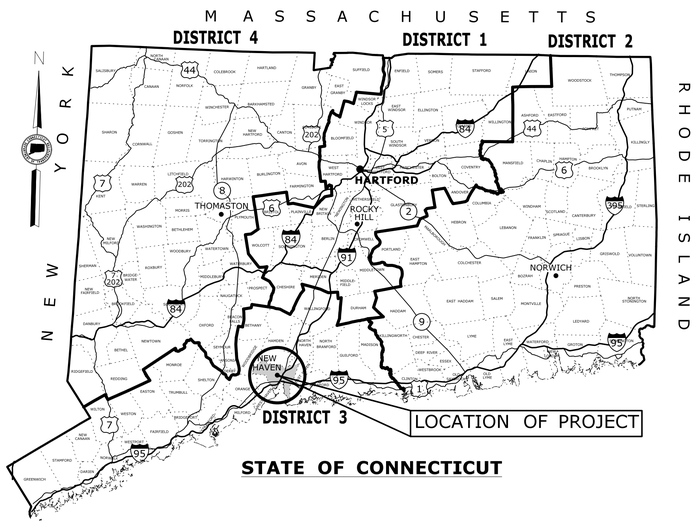
CONNECTICUT DEPARTMENT OF TRANSPORTATION

Plans For

REHABILITATION OF BRIDGE NO. 03093
I-91 OVER FRONT STREET
AND QUINNIPIAC RIVER

Town(s)/City of

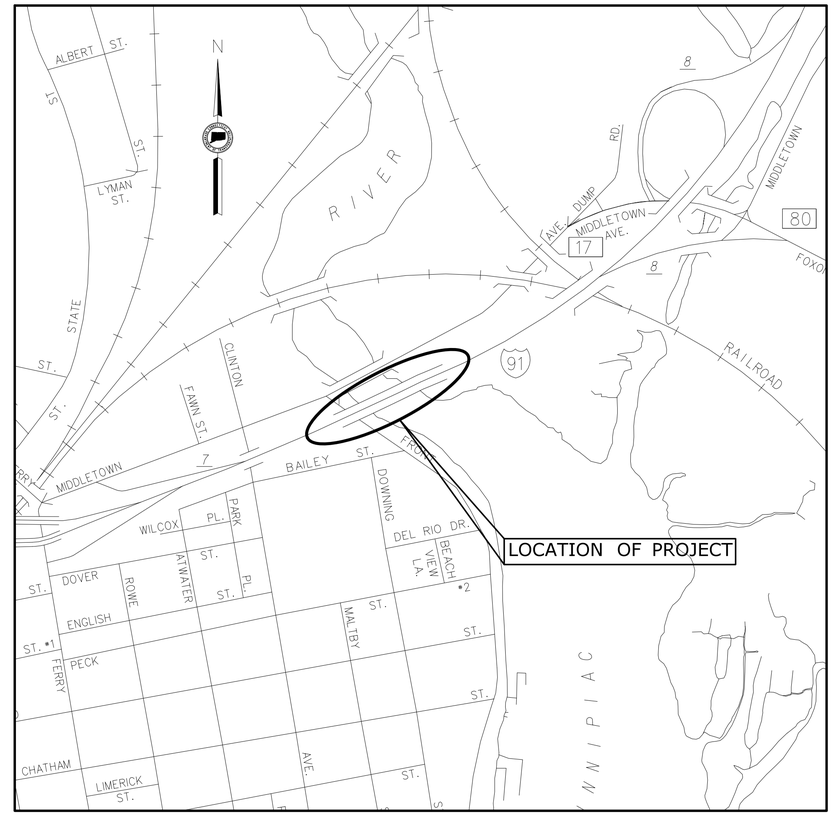
NEW HAVEN



STATE OF CONNECTICUT

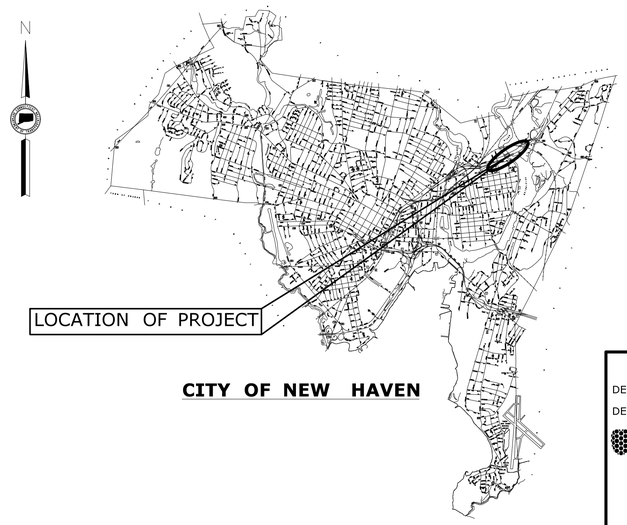
ROAD	MAINTENANCE RESPONSIBILITY	LENGTH
Route I-91	STATE	900 FEET

F.A.P. #	MAINTENANCE RESPONSIBILITY	PROJECT #
0911(132)	STATE	0092-0668



LOCATION PLAN

NOT TO SCALE



CITY OF NEW HAVEN

GENERAL NOTES:

1. FEDERAL AID PROJECT NO. 0911(132)
2. CONSTRUCTION SPECIFICATIONS:
   Connecticut Department of Transportation, Standard Specifications for Roads, Bridges and Incidental Construction, Form 816, dated 2004; Supplemental Specifications, dated January 2016; and Special Provisions
3. 400 FOOT GRID BASED ON CONNECTICUT COORDINATE SYSTEM SYSTEM N.A.D. 1983
4. VERTICAL DATUM BASED ON NAVD OF 1988
5. ADT= 127,400 (YEAR 2011) VEHICLES, V= 50 MPH, CL= LIMITED ACCESS HIGHWAY

DISCLAIMER

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LIST OF SUBSETS

SUBSET NO.	SUBSET TITLE	*SUBSET SHEET COUNT
01	GENERAL	3
02	REVISIONS	1
03	HIGHWAYS	3
04	STRUCTURE	38
	HIGHWAY STANDARD SHEETS	9
	TRAFFIC STANDARD SHEETS	7

*THE INITIAL SUBSET SHEET COUNT DOES NOT INCLUDE ADDENDUMS AND CHANGE ORDERS

DESIGNED BY:
DEWBERRY ENGINEERS INC.
Dewberry®

STATE OF CONNECTICUT
THOMAS J. STRNAD
No. 15256
LICENSED
PROFESSIONAL ENGINEER

Tom Strnad
2016.07.12
15:38:21-04'00'

LIST OF DRAWINGS
SUBSET 01 - GENERAL

DRAWING TITLE	DRAWING NO.
TITLE SHEET	G-01
DETAILED ESTIMATE SHEET - 1	G-02
DETAILED ESTIMATE SHEET - 2	G-03

STANDARD CONVENTIONS

North Arrow W/No. Coor.
Edge Of Road
Concrete Pavement
Dirt Road
B.C.L.C.
Granite Curb
Guide Rail
Concrete Median Barrier
Bit. Walk
Conc. Sidewalk
Railroad Tracks
Grid Arrow
Limit Of Marsh
Stone Wall
Ledge Outcrop
Inland Wetland Limits
STATE LINE
Power Line
Swamp
Building
Transmission Tower
Chain Link Fence
Rustic Fence
Pipe Fence
Board Fence
Water Edge
Stream
Ditch
TOWN LINE
Riprap
Hedge Row
Tree Line
Shrub
Evergreen Tree
Deciduous Tree
Retaining Wall
Highway Line
Street Line
Property Line
Lot Line
Easement Line

Plans For
REHABILITATION OF BRIDGE NO. 03093
I-91 OVER FRONT STREET
AND QUINNIPIAC RIVER

Town(s)/City
NEW HAVEN

STATE PROJECT NO.
0092-0668

DRAWING NO.
G-01

SHEET NO.
01.01

HIGHWAY ITEMS

ITEM NUMBER	0200001	0202529	0406157	0406159	0406236	0406273A	0406287A	0406314A	0406315A	0406600	0507701	0805001	0902516	0912801	0966062A	0975004	0980001	1200101A	1200102A	1200103A
ITEM	CLEARING AND GRUBBING	CUT BITUMINOUS CONCRETE PAVEMENT	PMA S0.25	PMA S0.5	MATERIAL FOR TACK COAT	FINE MILLING OF BITUMINOUS CONCRETE (0 TO 4 INCHES)	RUMBLE STRIPS-AUTOMATED	80 MIL PAVEMENT MARKING GROOVE 5" WIDE	80 MIL PAVEMENT MARKING GROOVE 7" WIDE	MATERIAL TRANSFER VEHICLE	RESET TYPE "C" CATCH BASIN	BITUMINOUS CONCRETE LIP CURBING	REMOVE AND RESET METAL BEAM RAIL	RESET R-B 350 BRIDGE ATTACHMENT VERTICAL SHAPED PARAPET	CONSTRUCTION FIELD OFFICE, MEDIUM	MOBILIZATION AND PROJECT CLOSEOUT	CONSTRUCTION STAKING	4" WHITE EPOXY RESIN PAVEMENT MARKINGS	4" YELLOW EPOXY RESIN PAVEMENT MARKINGS	6" WHITE EPOXY RESIN PAVEMENT MARKINGS
UNIT	L.S.	L.F.	TON	TON	GAL.	S.Y.	L.F.	L.F.	L.F.	TON	EA.	L.F.	L.F.	EA	MO.	L.S.	L.S.	L.F.	L.F.	L.F.
—	L.S.	252	289	577	531	5574	1552	3600	1350	577	8	630	630	4	21	L.S.	L.S.	1800	1800	1350
SUBTOTAL	L.S.	252	289	577	531	5574	1552	3600	1350	577	8	630	630	4	21	L.S.	L.S.	1800	1800	1350
UNASSIGNED	L.S.	13	34	68	27	266	78	180	68	68	0	32	32	0	0	L.S.	L.S.	90	90	68
TOTAL	L.S.	265	323	645	558	5574	1630	3780	1418	645	8	662	662	4	21	L.S.	L.S.	1890	1890	1418

TRAFFIC AND M&PT ITEMS

ITEM NUMBER	0970006A	0970007A	0971001A	0976002	0976002	0981100	1130000	1130002A	1209014	1209124	1209126	1220027
ITEM	TRAFFICPERSON (MUNICIPAL POLICE OFFICER) (ESTIMATED COST)	TRAFFICPERSON (UNIFORMED FLAGGER)	MAINTENANCE AND PROTECTION OF TRAFFIC	BARRICADE WARNING LIGHTS - HIGH INTENSITY	TRAFFIC DRUM	42" TRAFFIC CONE	HIGH MOUNTED INTERNALLY ILLUMINATED FLASHING ARROW	REMOTE CONTROL CHANGEABLE MESSAGE SIGN	HOT-APPLIED PAINTED PAVEMENT MARKINGS 4" YELLOW	HOT-APPLIED PAINTED PAVEMENT MARKINGS 4" WHITE	HOT-APPLIED PAINTED PAVEMENT MARKINGS 6" WHITE	CONSTRUCTION SIGNS
UNIT	EST.	HR	L.S.	DAY	EA.	EA.	DAY	DAY	L.F.	L.F.	L.F.	S.F.
—	10400	160	L.S.	1008	85	85	120	14	1800	1800	5400	386
SUBTOTAL	10400	160	L.S.	1008	85	85	120	14	1800	1800	5400	386
UNASSIGNED	0	0	L.S.	50	4	4	0	0	90	90	270	19
TOTAL	10400	160	L.S.	1058	89	89	120	14	1890	1890	5670	405

P = FEDERAL AID PARTICIPATING
NP= FEDERAL AID NON PARTICIPATING
=FOR INTERNAL USE ONLY
NOT A LEGAL DEFINITION

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

Plotted: 7/12/2016

DESIGNER/DRAFTER: A.HIPIUS/S.ERDAS
CHECKED BY: A. SESHADRI
SCALE AS NOTED

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\SB_MSH_Br03093_092_0668_EST-01.dgn

SIGNATURE/BLOCK:
STATE OF CONNECTICUT · THOMAS A. FERRIS · LICENSED PROFESSIONAL ENGINEER · No. 19892
Dewberry
59 Elm Street, Suite 101
New Haven, CT 06510-2047

PROJECT TITLE:
REHABILITATION OF BRIDGE NO. 03093 I-91 OVER FRONT STREET AND QUINNIPIAC RIVER

TOWN: NEW HAVEN

DRAWING TITLE: DETAILED ESTIMATE SHEET - 1

PROJECT NO. 92-668
DRAWING NO. G-02
SHEET NO. 01.02

BRIDGE ITEMS

ITEM NUMBER	0202765A	0202903A	0202904A	0900425A	0406157	0406159	0406536	0406277A	0406600	0510003A	0513003	0520032	0520036A	0520041A	0600070A	0600092A	0601096A	0601270A	0601518A	0601954A	0602980A	0603061A	0603068A	0603222A	0603432A	0603563A	0603726A	0603729A	0603779A	0603923A	0603967A	0707009A	0898001	0974105A
ITEM	GUANO ABATEMENT	LEAD COMPLIANCE FOR MISCELLANEOUS EXTERIOR TASKS	LEAD COMPLIANCE FOR ABRASIVE BLAST CLEANING	WATER TRANSPORTATION FOR INSPECTION PERSONNEL	PMA S0.25	PMA S0.5	MATERIAL FOR TACK COAT	REMOVAL OF EXISTING WEARING SURFACE	MATERIAL TRANSFER VEHICLE	CLEAN EXISTING SCUPPERS	1-1/2" POLYVINYL CHLORIDE PLASTIC PIPE	ELASTOMERIC CONCRETE HEADER	ASPHALTIC PLUG EXPANSION JOINT SYSTEM	PREFORMED JOINT SEAL	CLASS "S" CONCRETE	REMOVE STAY-IN-PLACE FORM	VARIABLE DEPTH PATCH	FULL DEPTH PATCH (HIGH EARLY STRENGTH CONCRETE)	PARTIAL DEPTH PATCH	EPOXY INJECTION CRACK REPAIR	CLEAN AND COAT EXPOSED REINFORCING STEEL	STRUCTURAL STEEL (SITE NO. 1)	STRUCTURAL STEEL REPAIRS (SITE NO. 1)	DISPOSAL OF LEAD DEBRIS FROM ABRASIVE BLAST CLEANING	STRUCTURAL PIN ASSEMBLY (STAINLESS STEEL)	CLASS 1 CONTAINMENT AND COLLECTION OF SURFACE PREPARATION DEBRIS (SITE NO. 1)	EMBEDDED GALVANIC ANODES	LOCALIZED PAINT REMOVAL AND FIELD PAINTING OF EXISTING STEEL	TEMPORARY SUPPORT SYSTEM NO.1	ABRASIVE BLAST CLEANING AND FIELD PAINTING OF STRUCTURE (SITE #1)	PEENING COVER PLATE WELDS	MEMBRANE WATERPROOFING (COLD LIQUID ELASTOMERIC)	PROTECTIVE COMPOUND FOR BRIDGES	CONCRETE HAUNCH REMOVAL
UNIT	C.F.	L.S.	L.S.	DAY	TON	TON	GAL.	S.Y.	TON	EA.	L.F.	C.F.	C.F.	L.F.	C.Y.	S.F.	C.F.	C.Y.	C.F.	L.F.	L.F.	L.S.	CWT.	TON	EA.	L.S.	EA.	S.F.	L.S.	L.S.	EA.	S.Y.	S.Y.	L.F.
—	250	L.S.	L.S.	180	382	765	703	7650	765	11	75	55	190	350	4	280	50	110	2580	40	4500	L.S.	450	2	54	L.S.	85	4000	L.S.	L.S.	224	7650	10	1700
SUBTOTAL	250	L.S.	L.S.	180	382	765	703	7650	765	11	75	55	190	350	4	280	50	110	2580	40	4500	L.S.	450	2	54	L.S.	85	4000	L.S.	L.S.	224	7650	10	1700
UNASSIGNED																																		
TOTAL	250	L.S.	L.S.	180	382	765	703	7650	765	11	75	55	190	350	4	280	50	110	2580	40	4500	L.S.	450	2	54	L.S.	85	4000	L.S.	L.S.	224	7650	10	1700

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STATE OF CONNECTICUT · THOMAS J. TROTTO · LIC. NO. 18992 · LICENSED PROFESSIONAL ENGINEER

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TOWN: NEW HAVEN

DRAWING TITLE:
DETAILED ESTIMATE SHEET - 2

PROJECT NO. 92-668
DRAWING NO. G-03
SHEET NO. 01.03