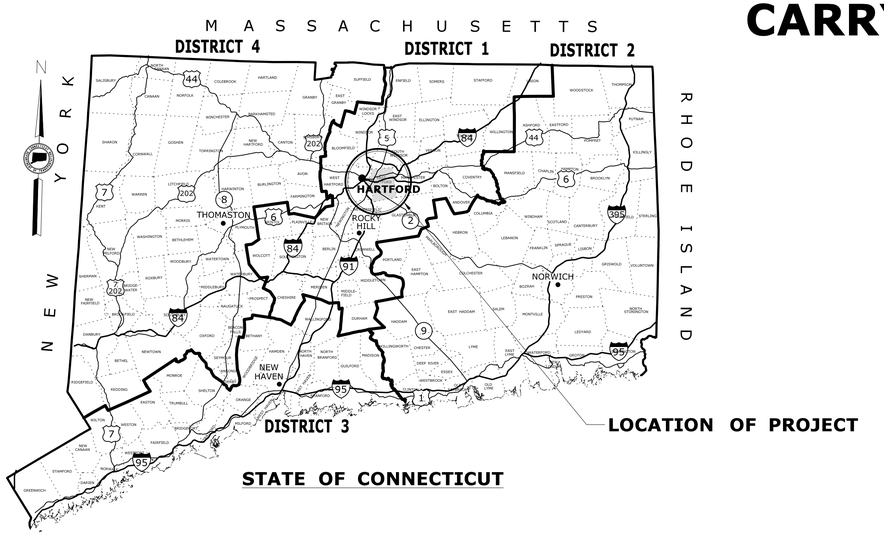
CONNECTICUT DEPARTMENT OF TRANSPORTATION

Plans For

REHABILITATION OF BRIDGE NO. 05844A
CARRYING I-84 OVER ROUTE 15

City of

EAST HARTFORD



STATE OF CONNECTICUT

ROAD	MAINTENANCE RESPONSIBILITY	LENGTH
INTERSTATE-84	STATE	1400 FEET

F.A.P. #	MAINTENANCE RESPONSIBILITY	PROJECT #
0844(155)	STATE	0042-0325

GENERAL NOTES:

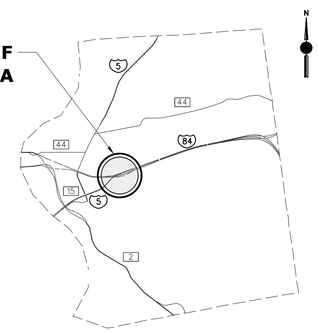
1. FEDERAL AID PROJECT NO.: 0844(155)
2. CONSTRUCTION SPECIFICATIONS:
   Connecticut Department of Transportation, Standard Specifications for Roads, Bridges, Facilities and Incidental Construction, Form 818, dated 2020; Supplemental Specifications, dated July 2020; and Special Provisions
3. 400 FOOT GRID BASED ON CONNECTICUT COORDINATE SYSTEM SYSTEM N.A.D. 83 (CORS96)
4. VERTICAL DATUM BASED ON NAVD 1988
5. SURVEYED BY: CTDOT DISTRICT 2 SURVEYS
6. ADT = 51950 (14% TRUCK) (I-84)
   ADT = 61700 (8% TRUCK) (CT-15)

DISCLAIMER

IT IS THE RESPONSIBILITY OF EACH BIDDER AND ALL OTHER INTERESTED PARTIES TO OBTAIN ALL BIDDING RELATED INFORMATION AND DOCUMENTS FROM OFFICIAL SOURCES WITHIN THE DEPARTMENT.

PERSONS AND/OR ENTITIES WHICH REPRODUCE AND/OR MAKE SUCH INFORMATION AVAILABLE BY ANY MEANS ARE NOT AUTHORIZED BY THE DEPARTMENT TO DO SO AND MAY BE LIABLE FOR CLAIMS RESULTING FROM THE DISSEMINATION OF UNOFFICIAL, INCOMPLETE AND/OR INACCURATE INFORMATION.

LOCATION OF BRIDGE NO. 05844A



CITY OF EAST HARTFORD

LOCATION PLAN

NOT TO SCALE

LOCATION OF BRIDGE NO. 05844A

LIST OF SUBSETS

SUBSET NO.	SUBSET TITLE	*SUBSET SHEET COUNT
01	GENERAL	02
02	REVISIONS	01
03	HIGHWAYS	31
04	STRUCTURES	27
05	TRAFFIC	03
	CTDOT HIGHWAY STANDARDS	15
	CTDOT TRAFFIC STANDARDS	06

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

LIST OF DRAWINGS
SUBSET 01 - GENERAL

DRAWING TITLE	DRAWING NO.
TITLE SHEET	G-1
DETAILED ESTIMATE SHEET	G-2

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

THE DESIGN APPEARS TO CONFORM TO APPLICABLE CRITERIA. APPROVAL IS NOT TO BE CONSTRUED TO MEAN THAT ALL ASPECTS OF THE DESIGN HAVE BEEN PERSONALLY CHECKED BY THE UNDERSIGNED.

Digitally signed by Andrew J. Cardinali, P.E.
Date: 2021.01.22 11:50:42-05'00'

SUBMITTED BY: TRANSPORTATION PRINCIPAL ENGINEER - ANDREW J. CARDINALI, P.E.

Bartholomew Sweeney, P.E.

Digitally signed by Bartholomew Sweeney, P.E.
DN: E=bartholomew.sweeney@ct.gov, CN="Bartholomew Sweeney, P.E. ", OU=Department of Transportation, OU=Transportation Division Chief - Bridges, OU=Bureau of Engineering & Construction, O=State of Connecticut, L=Newington, S=Connecticut, C=US
Date: 2021.01.22 15:23:14-05'00'

APPROVAL RECOMMENDED BY: MANAGER OF BRIDGES - BARTHOLOMEW P. SWEENEY, P.E.

Theodore H. Nezames, P.E.
2021.01.22 22:04:32-05'00'

APPROVED BY: TRANSPORTATION ENGINEERING ADMINISTRATOR - THEODORE H. NEZAMES, P.E.

Plans For
REHABILITATION OF BRIDGE NO. 05844A
CARRYING I-84 OVER ROUTE 15

Town(s)/City
EAST HARTFORD

STATE PROJECT NO.
0042-0325

DRAWING NO.
G-1

SHEET NO.
01.01

ITEM NUMBER	0020765A	0201001	0202000	0202100	0202529	0209001	0211000	0219001	0305001	0406172	0406236	0409005	0503948A	0503989A	0509001A	0511003A	0520032A	0520041A	0586600	0586760	0601060A	0601274A	0602007A	0602980A	0603061A	0603726A	0603729A	0653001	0707009A	0728009	0819002A	0822001	0824052A	0910021	0910174	0910300	0912503	0944000	0950005	0989062A	0970007	0971001A	0975004	0976002	0978002	0979003	0980020	0981100
ITEM	GUANO ABATEMENT	CLEARING AND GRUBBING	EARTH EXCAVATION	ROCK EXCAVATION	CUT BITUMINOUS CONCRETE PAVEMENT	FORMATION OF SUBGRADE	ANTI-TRACKING PAD	SEDIMENTATION CONTROL SYSTEM	PROCESSED AGGREGATE	HMA S0.375	MATERIAL FOR TACK COAT	REMOVAL OF EXISTING WEARING SURFACE	REMOVAL OF EXISTING DIAPHRAGMS	RECONSTRUCT CONCRETE DECK ENDS	WELDED STUDS	CLEAN EXISTING SCUPPERS	ELASTOMERIC CONCRETE HEADER	PREFORMED JOINT SEAL	RESET CATCH BASIN	TYPE 'C-L' CATCH BASIN TOP	BEAM END REPAIRS WITH ULTRA HIGH PERFORMACE CONCRETE - PARTIAL HEIGHT	VARIABLE QUANTITY SURFACE REPAIR CONCRETE	VARIABLE QUANTITY DEFORMED STEEL BARS	CLEAN AND COAT EXPOSED REINFORCING STEEL	STRUCTURAL STEEL (SITE NO. 1)	EMBEDDED GALVANIC ANODES	LOCALIZED PAINT REMOVAL AND FIELD PAINTING OF EXISTING STEEL	CLEAN EXISTING CATCH BASIN	MEMBRANE WATERPROOFING (COLD LIQUID ELASTOMERIC)	2" CRUSHED STONE	PENETRATING SEALER PROTECTIVE COMPOUND	TEMPORARY PRECAST CONCRETE BARRIER CURB	REMOVE EXISTING CONCRETE BARRIER CURB	R-B END ANCHORAGE - TYPE I	R-B 350 BRIDGE ATTACHMENT - JERSEY SHAPED PARAPET	METAL BEAM RAIL (R-B MASH)	REMOVE METAL BEAM RAIL	FURNISHING AND PLACING TOPSOIL	TURF ESTABLISHMENT	CONSTRUCTION FIELD OFFICE, MEDIUM	TRAFFICPERSON (UNIFORMED FLAGGER)	MAINTENANCE AND PROTECTION OF TRAFFIC	MOBILIZATION AND PROJECT CLOSEOUT	BARRICADE WARNING LIGHTS - HIGH INTENSITY	TRAFFIC DRUM	CONSTRUCTION BARRICADE TYPE III	CONSTRUCTION SURVEYING	42" TRAFFIC CONE
UNIT	C.F.	L.S.	C.Y.	C.Y.	L.F.	S.Y.	S.Y.	L.F.	C.Y.	TON	GAL.	S.Y.	EA.	C.Y.	EA.	EA.	C.F.	L.F.	EA.	EA.	C.F.	C.F.	LB.	L.F.	L.S.	EA.	S.F.	EA.	C.Y.	C.Y.	S.Y.	L.F.	L.F.	EA.	EA.	L.F.	L.F.	S.Y.	S.Y.	MO.	HR.	L.S.	L.S.	DAY	EA.	EA.	L.S.	EA.
03 - HIGHWAYS			255	9		1710	425	3899	16										1	1								1		330		300	80	1	1	263	225	720	720									
04 - STRUCTURES	250				1815					90	140	455	67	47	1568	7	420	990			148	150	800	275		42	560		475		45									7								
05 - TRAFFIC																																									18			360	150	5		100
SUBTOTAL	250		255	9	1815	1710	425	3899	16	90	140	455	67	47	1568	7	420	990	1	1	148	150	800	275		42	560	1	475	330	45	300	80	1	1	263	225	720	720	7	18			360	150	5		100
UNASSIGNED																																																	
TOTAL	250	L.S.	255	9	1815	1710	425	3899	16	90	140	455	67	47	1568	7	420	990	1	1	148	150	800	275	L.S.	42	560	1	475	330	45	300	80	1	1	263	225	720	720	7	18	L.S.	L.S.	360	150	5	L.S.	100

ITEM NUMBER	1130010	1131002	1205207	1206011A	1208931A	1220027	1802210.02	1802210.04	1802210.07	1802210.14	1802210.21	1806202	1806226A
ITEM	ARROW BOARD	REMOTE CONTROL CHANGEABLE MESSAGE SIGN	TYPE DE-7 DELINEATOR	REMOVAL OF EXISTING OVERHEAD SIGNING	SIGN FACE - SHEET ALUMINUM (TYPE IX RETROFLECTIVE SHEETING)	CONSTRUCTION SIGNS	TEMPORARY SAND BARREL (200 lb.)	TEMPORARY SAND BARREL (400 lb.)	TEMPORARY SAND BARREL (700 lb.)	TEMPORARY SAND BARREL (1400 lb.)	TEMPORARY SAND BARREL (2100 lb.)	TRUCK-MOUNTED OR TRAILER - MOUNTED IMPACT ATTENUATOR	PRE-WARNING VEHICLE
UNIT	DAY	DAY	EA.	L.S.	S.F.	S.F.	EA.	EA.	EA.	EA.	EA.	HR.	HR.
03 - HIGHWAYS							4	2	6	8	8		
04 - STRUCTURES													
05 - TRAFFIC	90	60	7		34	1000						960	480
SUBTOTAL	90	60	7		34	1000	4	2	6	8	8	960	480
UNASSIGNED													
TOTAL	90	60	7	L.S.	34	1000	4	2	6	8	8	960	480

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

A = ** See Special Provisions **

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 Date: 1/22/2021

DESIGNER/DRAFTER: ECO
CHECKED BY: ZMK
SCALE AS NOTED

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\sb_0042-0325_Detailed_Estimate_Sheet.dgn

SIGNATURE/BLOCK:
OFFICE OF ENGINEERING
APPROVED BY:

PROJECT TITLE:
REHABILITATION OF BRIDGE NO. 05844A CARRYING I-84 OVER ROUTE 15

TOWN: EAST HARTFORD

DRAWING TITLE: DETAILED ESTIMATE SHEET

PROJECT NO. 042-325
DRAWING NO. G-2
SHEET NO. 01.02