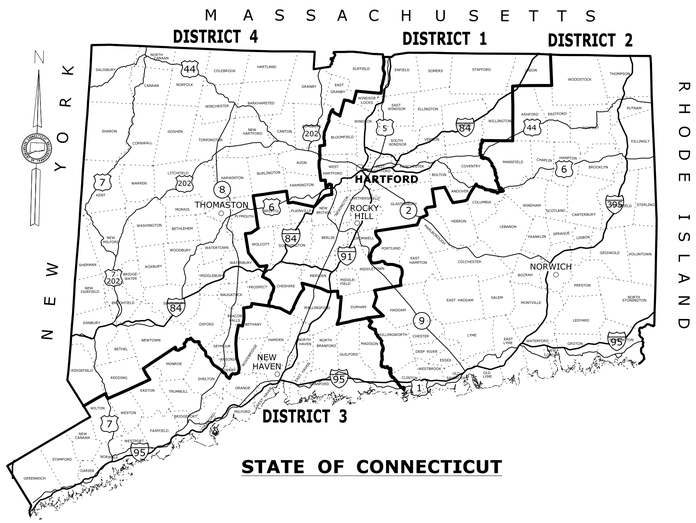
CONNECTICUT DEPARTMENT OF TRANSPORTATION

Plans For

REHABILITATION OF BRIDGE NO. 00722 ON WEST ROCKS ROAD OVER ROUTE 15

CONSTRUCTION LIMITS: STA. 49+25 TO 54+70



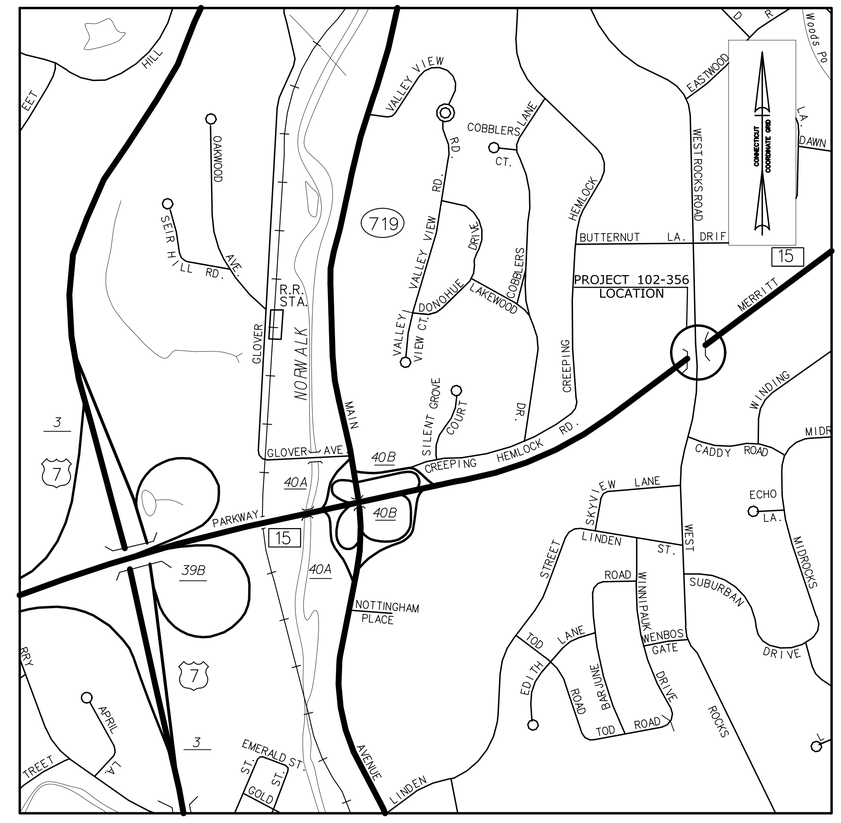
STATE OF CONNECTICUT

Town(s)/City of

NORWALK

ROAD	MAINTENANCE RESPONSIBILITY	LENGTH
WEST ROCKS ROAD	STATE	450 FEET

F.A.P. #	MAINTENANCE RESPONSIBILITY	PROJECT #
N/A	STATE	0102-0356



LOCATION PLAN

NOT TO SCALE

GENERAL NOTES:

1. CONSTRUCTION SPECIFICATIONS:
   Connecticut Department of Transportation, Standard Specifications for Roads, Bridges and Incidental Construction, Form 817, dated 2016; January 2017 Supplementals; and Special Provisions.
2. 400 FOOT GRID BASED ON CONNECTICUT COORDINATE SYSTEM SYSTEM N.A.D. 1927 N.A.D. 1983
3. VERTICAL DATUM BASED ON NGVD OF 1929 NAVD 1988

DISCLAIMER

IT IS THE RESPONSIBILITY OF EACH BIDDER AND ALL OTHER INTERESTED PARTIES TO OBTAIN ALL BIDDING RELATED INFORMATION AND DOCUMENTS FROM OFFICAL 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 UNOFFICAL, INCOMPLETE AND/OR INACCURATE INFORMATION.

LIST OF SUBSETS

SUBSET NO.	SUBSET TITLE	*SUBSET SHEET COUNT
01	GENERAL	3
02	REVISIONS	1
03	HIGHWAY	19
04	STRUCTURES	25
05	TRAFFIC	8
06	LANDSCAPE	2
07	UTILITY AND WATER	7
08	FOR INFORMATION ONLY	5
	HIGHWAY STANDARD SHEETS	18
	TRAFFIC STANDARD SHEETS	9

*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-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

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.

Mary E. Baker, P.E.
2017.07.19 15:38:00-04'00'

SUBMITTED BY: TRANSPORTATION PRINCIPAL ENGINEER - MARY E. BAKER P.E.

Theodore H. Nezames, P.E.
2017.08.23 16:56:14-04'00'

APPROVAL RECOMMENDED BY: MANAGER OF - BRIDGES DESIGN - THEODORE H. NEZAMES P.E.

Scott Hill, P.E.
2017.08.24 08:13:05-04'00'

APPROVED BY: TRANSPORTATION ENGINEERING ADMINISTRATOR - SCOTT A. HILL P.E.

Plans For

REHABILITATION OF BRIDGE NO. 00722
ON WEST ROCKS ROAD
OVER ROUTE 15

Town(s)/City
NORWALK

STATE PROJECT NO.
0102-0356

DRAWING NO.
G-01

SHEET NO.
01.01

HIGHWAY ITEMS

ITEM NUMBER	0201001	0202000	0202100	0202529	0219001	0406171	0406173	0406236	0406275A	0813021	0813451	0822001	0822002	0910052A	0910058A	0910101	0910170	0910177	0910188	0910405	0910406	0911476A	0911918	0912503	0918011	0921001	0922001	0922501	0944000	0949000	0949142	0949149	0949273	0949401	0949410	0949609	0949709	0949752	0949828	0949832	0949978	0950019	0952051	0969062A	0975004	0980001
ITEM	CLEARING AND GRUBBING	EARTH EXCAVATION	ROCK EXCAVATION	CUT BITUMINOUS CONCRETE PAVEMENT	SEDIMENTATION CONTROL SYSTEM	HMA S0.5	HMA S0.25	MATERIAL FOR TACK COAT	FINE MILLING OF BITUMINOUS CONCRETE (0" TO 4")	6" GRANITE SONTE CURBING	GRANITE STONE TRANSITION CURBING	TEMPORARY PRECAST CONCRETE BARRIER CURB	RELOCATED TEMPORARY PRECAST CONCRETE BARRIER CURB	MERRITT PARKWAY GUIDERAIL	MERRITT PARKWAY GUIDERAIL LEADING END ATTACHMENT	METAL BEAM RAIL (TYPE MD-B)	METAL BEAM RAIL (TYPE R-B 350)	MD-B 350' MEDIAN BARRIER, JERSEY SHAPE ATTACHMENT (TYPE 1)	R-B 350 BRIDGE ATTACHMENT-VERTICAL SHAPE PARAPET 10GA	CONVERT METAL BEAM RAIL (TYPE MD-1) TO (TYPE MD-1 SYSTEM 2)	CONVERT METAL BEAM RAIL (TYPE MD-1) TO (TYPE MD-1 SYSTEM 3)	MERRIT PARKWAY END ANCHORAGE TYPE I	METAL BEAM RAIL TERMINAL ELEMENT END ANCHORAGE	REMOVE METAL BEAM	END ANCHORAGE-TYPE I	CONCRETE SIDEWALK	BITUMINOUS CONCRETE SIDEWALK	BITUMINOUS CONCRETE DRIVEWAY	FURNISHING AND PLACING TOPSOIL	WOOD CHIP MULCH	QUERCUS PALUSTRIS, PIN OAK, 24"-36" HT. NO.3 CONTAINER	QUERCUS RUBRA, NORTHERN RED OAK, 24"-36" HT. NO. 3 CONTAINER	KALMIA LATIFOLIA "MOUNTAIN LAUREL" 3'- 3 1/2" HT. B.B.	RHODODENDRON MAXIMUM-ROSEBAY RHODODENDRON 3'-4' HT. B.B.	RHUS AROMATICA FRAGRANT SUMAC 18"-24" HT. B.B.	PICEA ABIES NORWAY SPRUCE 6'-8' HT. B.B.	AMELANCHER CANADENSIS SHADBLOW SERVICEBERRY 4'-5' HT. B.B.	CRATAEGUS CRUSGALLI COCKSPUR HAWTHORN 8'-10' HT. B.B.	ACER RUBRUM RED MAPLE 3'-4' HT. WHIPS B.R.	ACER RUBRUM RED MAPLE 2" - 2 1/2" CAL. B.B.	QUERCUS PALUSTRIS PIN OAK 2" - 2 1/2" CAL. B.B.	TURF ESTABLISHMENT - LAWN	CONTROL AND REMOVAL OF INVASIVE VEGETATION	CONSTRUCTION FIELD OFFICE, MEDIUM	MOBILIZATION AND PROJECT CLOSEOUT	CONSTRUCTION STAKING
UNIT	L.S.	C.Y.	C.Y.	L.F.	L.F.	TON	TON	GAL	S.Y.	L.F.	L.F.	L.F.	L.F.	L.F.	EA.	L.F.	L.F.	EA.	EA.	L.F.	L.F.	EA.	EA.	L.F.	EA.	S.F.	S.Y.	S.Y.	S.Y.	S.Y.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	S.Y.	S.Y.	MO.	L.S.	L.S.
	L.S.	88	27	66	913	161	80	140	987	100	73	640	420	646	2	176	397	2	4	50	50	2	1	1258	3	1258	77	205	947	625	50	50	5	6	65	6	6	3	50	5	4	947	500	9	L.S.	L.S.
SUBTOTAL	L.S.	88	27	66	913	161	80	140	987	100	73	640	420	646	2	176	397	2	4	50	50	2	1	1258	3	1125	77	205	947	625	50	50	5	6	65	6	6	3	50	5	4	947	500	9	L.S.	L.S.
UNASSIGNED		12	3	4	47	9	5	15	53	5	7			34		9	23							42		60	8	10	48													48				
TOTAL	L.S.	100	30	70	960	170	85	155	1040	105	80	640	420	680	2	185	420	2	4	50	50	2	1	1300	3	1185	85	215	995	625	50	50	5	6	65	6	6	3	50	5	4	995	500	9	L.S.	L.S.

STRUCTURE ITEMS

ITEM NUMBER	0020903A	0203000	0216000	0503001A	0503250A	0508050	0511201	0520036A	0521001	0601201A	0601423A	0601426A	0601502	0601510	0601893A	0601895A	0601988A	0602030	0602910A	0603061A	0603726A	0707009A	0708001	0821019A	0904049A	0913041	0914013A	0974001	1301019A	1301765A	1301768A	1302053A	1504010A
ITEM	LEAD COMPLIANCE FOR MISCELLANEOUS EXTERIOR TASKS	STRUCTURE EXCAVATION - EARTH (COMPLETE)	PERVIOUS STRUCTURE BACKFILL	REMOVAL OF SUPERSTRUCTURE	CLEAN HISTORIC CONCRETE BRIDGE (SITE NO. 1)	SHEAR CONNECTORS	1 1/2" POLYVINYL CHLORIDE PLASTIC PIPE (BRIDGE)	ASPHALTIC PLUG EXPANSION JOINT SYSTEM	ELASTOMERIC BEARING PADS	CLASS "F" CONCRETE	CLASS "C" CONCRETE - REPLICATED	CLASS "S" CONCRETE FOR HISTORIC BRIDGES	1/2" PREFORMED EXPANSION JOINT FILLER FOR BRIDGES	1" PREFORMED EXPANSION JOINT FILLER FOR BRIDGES	VARIABLE DEPTH PATCH FOR HISTORIC CONCRETE BRIDGES	REMOVAL OF GRAFFITI FROM HISTORIC CONCRETE	TESTING AND ANALYSIS OF HISTORIC CONCRETE	DEFORMED STEEL BARS - GALVANIZED	DRILLING HOLES AND GROUTING DOWELS	STRUCTURAL STEEL (SITE NO. 1)	EMBEDDED GALVANIC ANODES	MEMBRANE WATERPROOFING (CLE)	DAMPPROOFING	MERRITT PARKWAY BARRIER	TWO-TUBE BRIDGE RAIL	8' CHAIN LINK FENCE	ORNAMENTAL METAL FENCE	REMOVAL OF EXISTING MASONRY	TEMPORARY RELOCATION OF WATER MAIN	FURNISHING AND INSTALLING 12" WATER MAIN	FURNISHING AND INSTALLING 12" WATER MAIN ON BRIDGE	RESET WATERGATE	TEMPORARY SUPPORT OF UTILITIES
UNIT	L.S.	C.Y.	C.Y.	L.S.	L.S.	EA.	L.F.	C.F.	C.I.	C.Y.	C.Y.	C.F.	S.F.	S.F.	C.F.	S.F.	EA.	LB.	EA.	L.S.	EA.	S.Y.	S.Y.	L.F.	L.F.	L.F.	L.F.	C.Y.	L.S.	L.S.	L.S.	EA.	L.S.
	L.S.	532	335	L.S.	L.S.	921	23	17	1540	196	153	11	209	209	22	32	2	68227	552	L.S.	253	160	104	90	349	345	180	110	L.S.	L.S.	L.S.	1	L.S.
SUBTOTAL	L.S.	532	335	L.S.	L.S.	921	23	17	1540	196	153	11	209	209	22	32	2	68227	552	L.S.	253	160	104	90	349	345	180	110	L.S.	L.S.	L.S.	1	L.S.
UNASSIGNED																																	
TOTAL	L.S.	532	335	L.S.	L.S.	921	23	17	1540	196	153	11	209	209	22	32	2	68227	552	L.S.	253	160	104	90	349	345	180	110	L.S.	L.S.	L.S.	1	L.S.

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: 7/19/2017

DESIGNER/DRAFTER: JWP
CHECKED BY: SAB
SCALE AS NOTED

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\0102-0356_G-02_Detail_EstImate1.dgn

SIGNATURE/BLOCK:
OFFICE OF ENGINEERING
APPROVED BY:

PROJECT TITLE:
REHABILITATION OF BRIDGE NO. 00722
WEST ROCKS RD. OVER ROUTE 15

TOWN: NORWALK

DRAWING TITLE:
DETAILED ESTIMATE SHEET - 1

PROJECT NO. 0102-0356
DRAWING NO. G-02
SHEET NO. 01.02

TRAFFIC ITEMS

ITEM NUMBER	0971001A	0976002	0978002	0979003	0981100	1130000	1131002A	1205207	1205214	1206023A	1208932	1210101	1210102	1210103	1212001	1212002	1212003	1214002	1214003	1220027	1806201A
ITEM	MAINTENANCE AND PROTECTION OF TRAFFIC	BARRICADE WARNING LIGHTS - HIGH INTENSITY	TRAFFIC DRUM	CONSTRUCTION BARRICADE TYPE III	42" TRAFFIC CONE	HIGH MOUNTED INTERNALLY ILLUMINATED FLASHING ARROW	REMOTE CONTROL CHANGEABLE MESSAGE SIGN	TYPE DE-7 DELINEATOR	TYPE DE-7A DELINEATOR	REMOVAL AND RELOCATION OF EXISTING SIGNS	SIGN FACE - SHEET ALUMINUM (TYPE IV RETROREFLECTIVE SHEETING)	4" WHITE EPOXY RESIN PAVEMENT MARKINGS	4" YELLOW EPOXY RESIN PAVEMENT MARKINGS	6" WHITE EPOXY RESIN PAVEMENT MARKINGS	TEMPORARY PLASTIC PAVEMENT MARKING TAPE - 4" YELLOW	TEMPORARY PLASTIC PAVEMENT MARKING TAPE - 4" WHITE	TEMPORARY PLASTIC PAVEMENT MARKING TAPE - 6" WHITE	6" PREFORMED BLACK LINE MASK PAVEMENT MARKING TAPE	8" PREFORMED BLACK LINE MASK PAVEMENT MARKING TAPE	CONSTRUCTION SIGNS	TYPE D PORTABLE IMPACT ATTENUATION SYSTEM
UNIT	L.S.	DAY	EA.	EA.	EA.	DAY	DAY	EA.	EA.	L.S.	S.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	S.F.	HR
	L.S.	1726	10	15	35	10	10	45	12	L.S.	40	2600	2600	450	1700	1700	435	3400	220	810	56
SUBTOTAL	L.S.	1726	10	15	35	10	10	45	12	L.S.	40	2600	2600	450	1700	1700	435	3400	220	810	56
UNASSIGNED																					
TOTAL	L.S.	1726	10	15	35	10	10	45	12	L.S.	40	2600	2600	450	1700	1700	435	3400	220	810	56

ITEM NUMBER																					
ITEM																					
UNIT																					
SUBTOTAL																					
UNASSIGNED																					
TOTAL																					

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REV.	DATE	REVISION DESCRIPTION	SHEET NO.

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Plotted Date: 7/18/2017

DESIGNER/DRAFTER: JWP
CHECKED BY: SAB
SCALE AS NOTED

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\0102-0356_G-03_Detail_EstImate2.dgn

SIGNATURE/BLOCK:
OFFICE OF ENGINEERING
APPROVED BY:

PROJECT TITLE:
REHABILITATION OF BRIDGE NO. 00722
WEST ROCKS RD. OVER ROUTE 15

TOWN: NORWALK

DRAWING TITLE:
DETAILED ESTIMATE SHEET - 2

PROJECT NO. 0102-0356
DRAWING NO. G-03
SHEET NO. 01.03