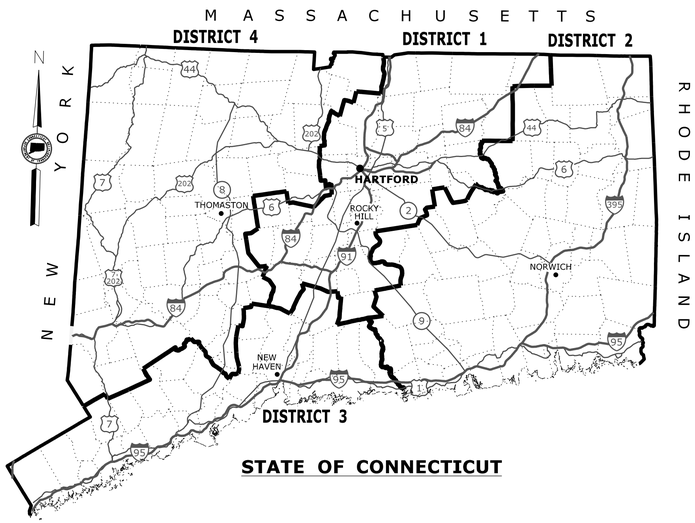
CONNECTICUT DEPARTMENT OF TRANSPORTATION

Plans For

REHABILITATION OF BRIDGE NO. 02151 ROUTE 15 OVER RACE BROOK

Town of

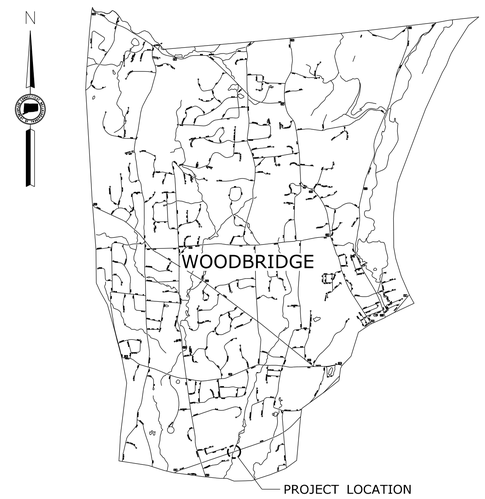
WOODBRIDGE

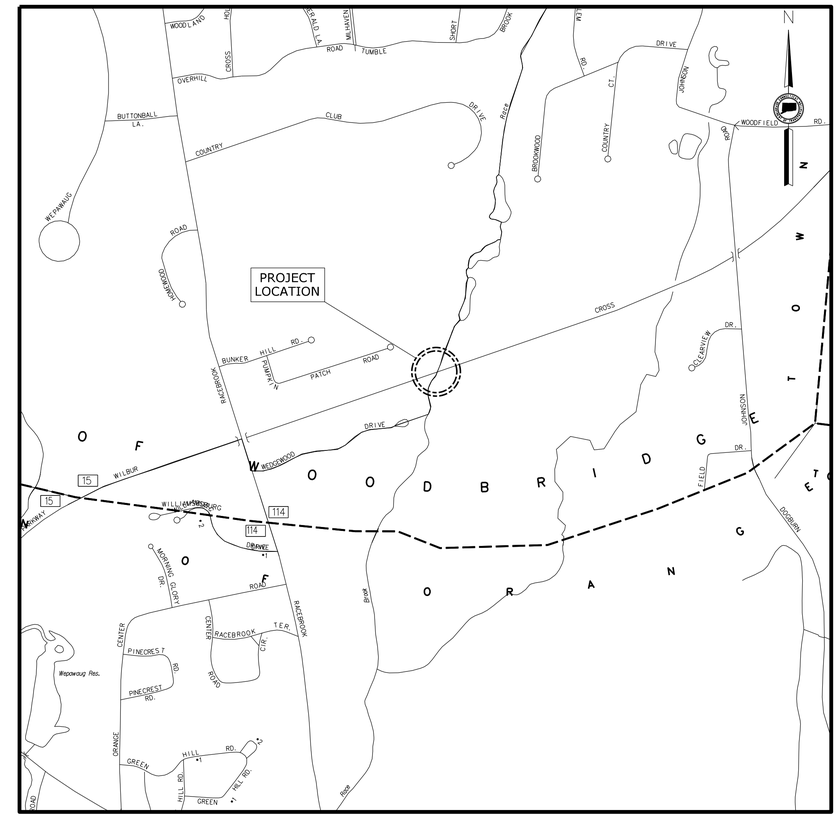


STATE OF CONNECTICUT

ROAD	MAINTENANCE RESPONSIBILITY	LENGTH
Route 15	STATE	1,000 FEET

F.A.P. #	MAINTENANCE RESPONSIBILITY	PROJECT #
0015 (132)	STATE	0167-0107





LOCATION PLAN

NOT TO SCALE

GENERAL NOTES:

1. FEDERAL AID PROJECT NO. 0015 (132)
2. CONSTRUCTION SPECIFICATIONS:
   Connecticut Department of Transportation, Standard Specifications for Roads, Bridges, Facilities and Incidental Construction, Form 817, dated 2016; Supplemental Specifications, dated January 2018; and Special Provisions
3. NORTH ARROW AND BEARINGS REFER TO N.A.D. 1983 AND ARE BASED UPON GPS OBSERVATIONS MADE IN JULY 2008.
4. VERTICAL DATUM BASED ON NGVD OF 1929.
5. ROAD CLASSIFICATION: PRINCIPAL ARTERIAL EXPRESSWAY; POSTED SPEED IS 55 MPH; ADT: 58,700 VPD (2008)

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.

LIST OF SUBSETS

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

SUBSET NO.	SUBSET TITLE	*SUBSET SHEET COUNT
01	GENERAL	2
02	REVISIONS	1
03	HIGHWAY	5
04	STRUCTURE	5
05	CONSTRUCTION ACCESS	9
06	LANDSCAPING	2
07	FOR INFORMATION ONLY	3
	CTDOT HIGHWAY STANDARD SHEETS	
	CTDOT TRAFFIC STANDARD SHEETS	

LIST OF DRAWINGS
SUBSET 01 - GENERAL

DRAWING TITLE	DRAWING NO.
TITLE SHEET	G-01
DETAILED ESTIMATE SHEET	G-02

STANDARD CONVENTIONS

North Arrow W/No. Coor.
Grid Arrow
Edge Of Road
Concrete Pavement
Dirt Road
B.C.L.C.
Granite Curb
Guide Rail
Concrete Median Barrier
Bit. Walk
Conc. Sidewalk
Railroad Tracks
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
Property Line
Lot Line
Easement Line
Water Edge
Stream
Ditch
TOWN LINE
Highway Line
Street Line
Riprap
Hedge Row
Tree Line
Shrub
Evergreen Tree
Deciduous Tree
Retaining Wall

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.

DESIGNED BY:
ANCHOR ENGINEERING SERVICES, INC.

STATE OF CONNECTICUT · MARK M. ZESSIN · No. 18215 · LICENSED · PROFESSIONAL ENGINEER

Mark M. Zessin
2018.11.16
12:08:35-05'00'

Plans For
REHABILITATION OF BRIDGE
NO. 02151 ROUTE 15
OVER RACE BROOK

Town
WOODBRIDGE

STATE PROJECT NO.
0167-0107

DRAWING NO.
G-01

SHEET NO.
01.01

ITEM NUMBER	0201001 P	0202000 P	0202200 P	0202216A P	0202250 P	0203000 P	0204151A P	0207000 P	0209801 P	0211000 P	0213100 P	0219801 P	0305000 P	0506070A P	0506071A P	0506073A P	0601073A P	0601201 P	0602000 P	0602910A P	0703011 P	0714050 P	0728009A P	0755014 P	0822001 P	0912509 P	0912615 P	0913013 P	0918001 P	0918011 P	0944000 P	0949000 P	0949085 P	0949114 P	0949385 P	0949505 P	0949627 P	0949936 P	0950005 P	0950039 P	0950314 P	0969060A P	0971001A P	0975004 P	0978002 P
ITEM	CLEARING AND GRUBBING	EARTH EXCAVATION	CHANNEL EXCAVATION - EARTH	EXCAVATION AND REUSE OF SUITABLE CHANNEL BOTTOM MATERIAL	CHANNEL EXCAVATION - ROCK	STRUCTURE EXCAVATION - EARTH (COMPLETE)	HANDLING WATER	BORROW	FORMATION OF SUBGRADE	ANTI-TRACKING PAD	GRANULAR FILL	SEDIMENTATION CONTROL SYSTEM	PROCESSED AGGREGATE	GROUND ANCHOR	PERFORMANCE TEST FOR GROUND ANCHOR	PROOF TEST FOR GROUND ANCHOR	CLASS "S" CONCRETE	CLASS "F" CONCRETE	DEFORMED STEEL BARS	DRILLING HOLES AND GROUTING DOWELS	INTERMEDIATE RIPRAP	TEMPORARY EARTH RETAINING SYSTEM	2" CRUSHED STONE	GEOTEXTILE (SEPARATION - HIGH SURVIVABILITY)	TEMPORARY PRECAST CONCRETE BARRIER CURB	REMOVE THREE CABLE GUIDE RAILING	RESET THREE-CABLE GUIDE RAILING (1-BEAM POST)	5" POLYVINYL CHLORIDE CHAIN LINK FENCE	THREE-CABLE GUIDE RAILING (1-BEAM POSTS)	END ANCHORAGE - TYPE I	FURNISHING AND PLACING TOPSOIL	WOOD CHIP MULCH	CLETHRA ALNIFOLIA SUMMERSWEET 18"-24" HT. B.B.	CORNUS RACEMOSA, GRAY DOGWOOD 3"-4" HT. B.B.	HAMAMELIS VIRGINIANA, WITCH HAZEL 18"-24" HT. B.B.	VIBURNUM ACERIFOLIUM MAPLELEAF VIBURNUM 12"-15" HT. B.B.	PINUS STROBUS EASTERN WHITE PINE 3"-4 HT. B.B.	VIBURNUM LENTAGO NANNYBERRY VIBURNUM 24"-36" HT. B.B.	TURF ESTABLISHMENT	EROSION CONTROL MATTING TYPE D	CONTROL AND REMOVAL OF INVASIVE VEGETATION	CONSTRUCTION FIELD OFFICE, SMALL	MAINTENANCE AND PROTECTION OF TRAFFIC	MOBILIZATION AND PROJECT CLOSEOUT	BARRICADE WARNING LIGHTS - HIGH INTENSITY
UNIT	LS	C.Y.	C.Y.	C.Y.	C.Y.	C.Y.	LS	C.Y.	S.Y.	S.Y.	C.Y.	L.F.	TON	EA.	EA.	EA.	C.F.	C.Y.	LB.	EA.	C.Y.	S.F.	C.Y.	S.Y.	L.F.	L.F.	L.F.	L.F.	L.F.	EA.	S.Y.	S.Y.	EA.	EA.	EA.	EA.	EA.	EA.	S.Y.	S.Y.	S.Y.	MO.	LS	LS	DAY
BRIDGE 02151	LS	3,200	190	7	20	40	LS	1,700	2,850	220	60	595	20	8	4	4	6	30	5,500	240	160	1,210	900	3,109	100	625	115	110	500	4	3,420	275	10	17	9	54	6	12	3,420	405	1,800	8	LS	LS	650
SUBTOTAL	LS	3,200	190	7	20	40	LS	1,700	2,850	220	60	595	20	8	4	4	6	30	5,500	240	160	1,210	900	3,109	100	625	115	110	500	4	3,420	275	10	17	9	54	6	12	3,420	405	1,800	8	LS	LS	650
UNASSIGNED																																														
TOTAL	LS	3,200	190	7	20	40	LS	1,700	2,850	220	60	595	20	8	4	4	6	30	5,500	240	160	1,210	900	3,109	100	625	115	110	500	4	3,420	275	10	17	9	54	6	12	3,420	405	1,800	8	LS	LS	650

ITEM NUMBER	0978002 P	0979003 P	0980001 P	0981100 P	1130000 P	1131002 P	1205207 P	1208931A P	1220027 P	1806202 P	1806236A P
ITEM	TRAFFIC DRUM	CONSTRUCTION BARRICADE TYPE III	CONSTRUCTION STAKING	42" TRAFFIC CONE	HIGH MOUNTED INTERNALLY ILLU-MINATED FLASHING ARROW	REMOTE CONTROL CHANGEABLE MESSAGE SIGN	TYPE DE-7 DELINEATOR	SIGN FACE - SHEET ALUMINUM (TYPE IX RETROREFLECTIVE SHEETING)	CONSTRUCTION SIGNS	TRUCK-MOUNTED OR TRAILER-MOUNTED IMPACT ATTENUATOR	PRE-WARNING VEHICLE
UNIT	EA.	EA.	LS	EA.	DAY	DAY	EA.	S.F.	S.F.	HR	HR
BRIDGE 02151	100	30	LS	30	95	100	4	3	470	800	200
SUBTOTAL	100	30	LS	30	95	100	4	3	470	800	200
UNASSIGNED											
TOTAL	100	30	LS	30	95	100	4	3	470	800	200

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 Date: 11/8/2018

DESIGNER/DRAFTER: K. FLETCHER
CHECKED BY: M. ZESSIN

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

...\01.02 FWD_BR0167_0107_BR02151_EST-01.dgn

SIGNATURE/BLOCK:

STATE OF CONNECTICUT · MARK M. ZESSIN · No. 18218 · LICENSED PROFESSIONAL ENGINEER

ANCHOR
41 Sequin Drive
Glastonbury, CT 06033
P: 860.633.8700
F: 860.633.7051

PROJECT TITLE:
REHABILITATION OF BRIDGE NO. 02151 ROUTE 15 OVER RACE BROOK

TOWN: **WOODBRIDGE**

DRAWING TITLE: **DETAILED ESTIMATE SHEET**

PROJECT NO. 0167-0107
DRAWING NO. G-02
SHEET NO. 01.02

Border Versions 07/19/16