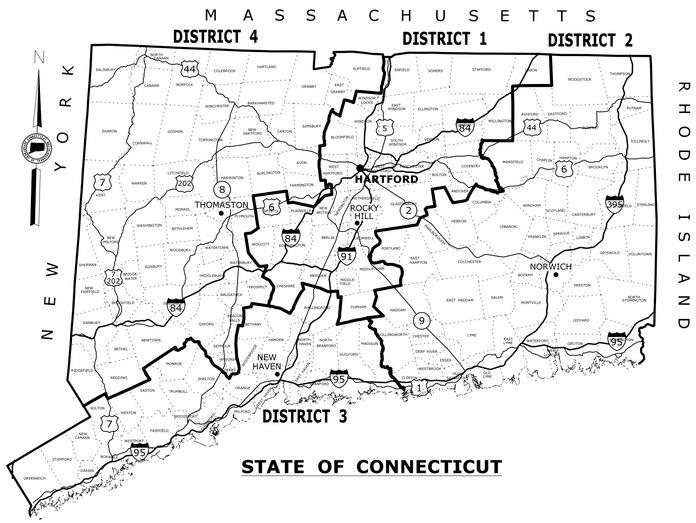
CONNECTICUT DEPARTMENT OF TRANSPORTATION

Plans For

REPLACEMENT OF BRIDGE NO. 01127 - FOXON ROAD (ROUTE 80) OVER FARM RIVER

Town of

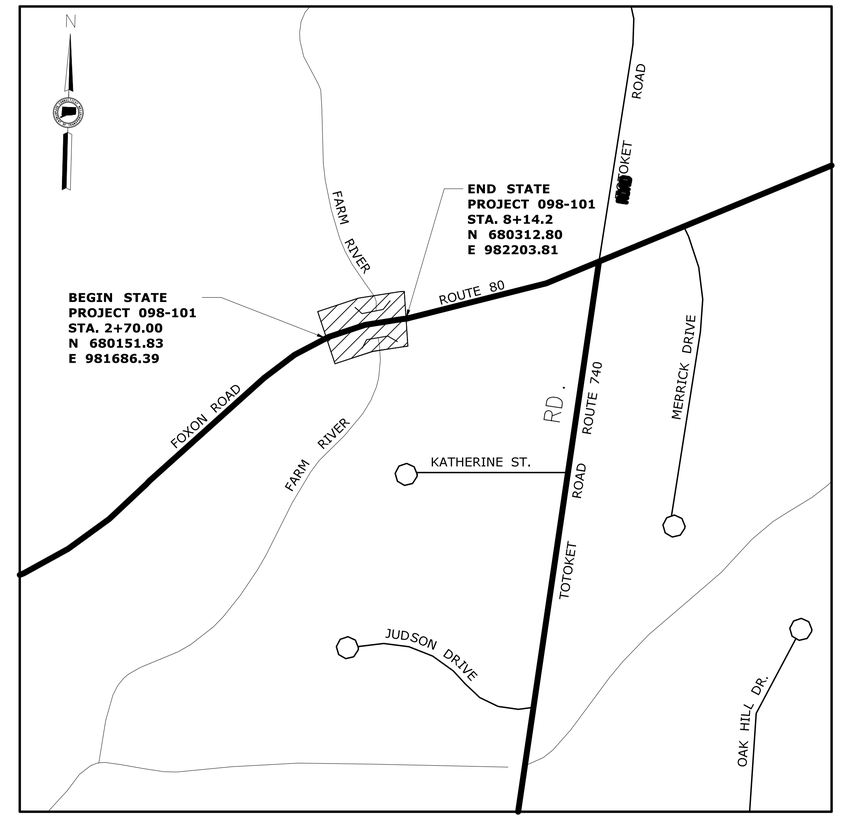
NORTH BRANFORD



STATE OF CONNECTICUT

ROAD	MAINTENANCE RESPONSIBILITY	LENGTH
Route 80	STATE	545 FEET

F.A.P. #	MAINTENANCE RESPONSIBILITY	PROJECT #
0080(005)	STATE	0098-0101



LOCATION PLAN

NOT TO SCALE

GENERAL NOTES:

1. FEDERAL AID PROJECT NO. 0080(005)
2. F.H.W.A. REGION NO. 1
3. CONSTRUCTION SPECIFICATIONS:
   Connecticut Department of Transportation, Standard Specifications for Roads, Bridges, Facilities and Incidental Construction, Form 817, dated 2016; Supplemental Specifications, Dated January 2017; and Special Provisions
4. 400 FOOT GRID BASED ON CONNECTICUT COORDINATE SYSTEM N.A.D. 1983
5. VERTICAL DATUM BASED ON NGVD OF 1929
6. SURVEYED BY: DISTRICT 3 SURVEYS

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

SUBSET NO.	SUBSET TITLE	*SUBSET SHEET COUNT
01	GENERAL	4
02	REVISIONS	1
03	HIGHWAYS	22
04	STRUCTURE	19
05	ENVIRONMENTAL	5
06	LANDSCAPE	2
07	SOUTH CENTRAL CT R.W.A. FIO	2
08	SOUTHERN CONNECTICUT GAS FIO	2
09	FRONTIER COMMUNICATIONS FIO	2
	CTDOT HIGHWAY STD	19
	CTDOT TRAFFIC STD	7

*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
DETAIL ESTIMATE SHEET - HIGHWAY	G-02
DETAIL ESTIMATE SHEET - STRUCTURES	G-03
DETAIL ESTIMATE SHEET - ENVIRONMENTAL	G-04

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.

STV 100 Years

STV INCORPORATED
185 PLAINS ROAD, SUITE 208E
MILFORD, CT 06461

STV Incorporated
185 Plains Road
Suite 208E
Milford, CT 06461

James Sherwonit
2017.08.21
16:17:21-04'00'

Plans For
REPLACEMENT OF BRIDGE
NO. 01127 - FOXON ROAD
(ROUTE 80) OVER FARM RIVER

Town
NORTH BRANFORD

STATE PROJECT NO.
0098-0101

DRAWING NO.
G-01

SHEET NO.
01.01

HIGHWAY

ITEM NUMBER	0201001	0202000	0202200	0202216A	0202259	0202574A	0205003	0207400	0209001	0211000A	0212000	0213100	0219001	0406170	0406171	0406173	0406236	0406275A	0507006	0507069	0507721	0651001	0651012	0703008A	0728030	0731898	0815001	0822001	0910170	0910173	0922500	0925201	0942001	0943001	0944000	0950000	0949023	0949142	0949709	0950019A	0950034A	0952051A	0965062A	0970007	0971001A	0975004	0976002	0977001	0978002	0979003	0980001	1117102	1131002A
ITEM	CLEARING AND GRUBBING	EARTH EXCAVATION	CHANNEL EXCAVATION - EARTH	EXCAVATION AND REUSE OF EXISTING CHANNEL BOTTOM MATERIAL	CUT BITUMIOUS CONCRETE PAVEMENT	RESET MONUMENT	TRENCH EXCAVATION 0'-10' DEEP	BORROW	FORMATION OF SUBGRADE	ANTI-TRACKING PAD	SUBBASE	GRANULAR FILL	SEDIMENTATION CONTROL SYSTEM	HMA S1	HMA S0.5	HMA S0.25	MATERIAL FOR TACK COAT	FINE MILLING OF BITUMIOUS CONCRETE (0 TO 4 INCHES)	TYPE "C" CATCH BASIN TOP	HEAVY DUTY TYPE "C-L" CATCH BASIN TOP	RESET TYPE "C-L" CATCH BASIN	BEDDING MATERIAL	15" R.C. PIPE	HEAVY RIPRAP	NO. 3 CRUSHED STONE	CONCRETE ENDWALL	BITUMINIOUS CONCRETE LIP CURBING	TEMPORARY PRECAST CONCRETE BARRIER CURB	METAL BEAM RAIL (TYPE R-B 350)	R-B 350 BRIDGE APPROACHES - VERTICAL SHAPED PARAPET	BITUMINIOUS CONCRETE DRIVEWAY (COMMERCIAL)	PAVEMENT FOR RAILING	CALCIUM CHLORIDE FOR DUST CONTROL	WATER FOR DUST CONTROL	FURNISHING AND PLACING TOPSOIL	WOOD CHIP MULCH	CORNUS SERICEA RED OSIER DOGWOOD 24"-36" HT. CONT.	QUERCUS PALUSTRIS, PIN OAK 2"-2.5" HT. NO. 3 CONTAINER	AMELANCHIER CANADENSIS SHADBLOW SERVICEBERRY 4'-5' HT. B.B.	TURF ESTABLISHMENT - LAWN	WETLAND GRASS ESTABLISHMENT	CONTROL AND REMOVAL OF INVASIVE VEGETATION	CONSTRUCTION FIELD OFFICE, MEDIUM	TRAFFICPERSON (UNIFORMED FLAGGER)	MAINTENANCE AND PROTECTION OF TRAFFIC	MOBILIZATION AND PROJECT CLOSEOUT	BARRICADE WARNING LIGHTS - HIGH INTENSITY	TRAFFIC CONE	TRAFFIC DRUM	CONSTRUCTION BARRICADE TYPE III	CONSTRUCTION STAKING	HIGH MOUNTED INTERNALLY FLASHING ARROW	REMOTE CONTROL CHANGEABLE MESSAGE SIGN
UNIT	L.S.	C.Y.	C.Y.	C.Y.	L.F.	EA.	C.Y.	C.Y.	S.Y.	S.Y.	C.Y.	C.Y.	L.F.	TON	TON	TON	GAL	S.Y.	EA.	EA.	EA.	C.Y.	L.F.	C.Y.	C.F.	EA.	L.F.	L.F.	L.F.	EA.	S.Y.	S.Y.	TON	M. GA.	S.Y.	S.Y.	EA.	EA.	EA.	S.Y.	S.F.	S.Y.	MO.	HR.	L.S.	L.S.	DAY	EA.	EA.	EA.	L.S.	DAY	DAY
HIGHWAY	L.S.	725	250	80	1450	1	15	350	1800	140	575	65	450	445	615	95	200	1200	1	1	1	1	5	450	850	1	1000	260	185	4	125	85	1	130	1275	30	65	10	10	1275	540	630	14	650	L.S.	L.S.	2900	100	100	16	L.S.	336	380
SUBTOTAL	L.S.	725	250	80	1450	1	15	350	1800	140	575	65	450	445	615	95	200	1200	1	1	1	1	5	450	850	1	1000	260	185	4	125	85	1	130	1275	30	65	10	10	1275	540	630	14	650	L.S.	L.S.	2900	100	100	16	L.S.	336	380
UNASSIGNED	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	L.S.	725	250	80	1450	1	15	350	1800	140	575	65	450	445	615	95	200	1200	1	1	1	1	5	450	850	1	1000	260	185	4	125	85	1	130	1275	30	65	10	10	1275	540	630	14	650	L.S.	L.S.	2900	100	100	16	L.S.	336	380

HIGHWAY

ITEM NUMBER	1205207	1208932	1209114	1209124	1210101	1210102	1211001	1214002	1220027	1800010	1800020	1800030	1800040	1803070A	1807100
ITEM	TYPE DE-7 DELINEATOR	SIGN FACE - SHEET ALUMINUM (TYPE IV RETROREFLECTIVE SHEETING)	HOT-APPLIED PAINTED PAVEMENT MARKINGS 4" YELLOW	HOT-APPLIED PAINTED PAVEMENT MARKINGS 4" WHITE	4" WHITE EPOXY RESIN PAVEMENT MARKINGS	4" YELLOW EPOXY RESIN PAVEMENT MARKINGS	REMOVAL OF PAVEMENT MARKINGS	6" PREFORMED BLACK LINE MASK PAVEMENT MARKING TAPE	CONSTRUCTION SIGNS	TYPE A IMPACT ATTENUATION MODULE 400 LB	TYPE A IMPACT ATTENUATION MODULE 700 LB	TYPE A IMPACT ATTENUATION MODULE 1400 LB	TYPE A IMPACT ATTENUATION MODULE 2100 LB	TYPE B IMPACT ATTENUATION SYSTEM (FLARED)	RELOCATION OF (TYPE A) IMPACT ATTENUATION SYSTEM
UNIT	EA.	S.F.	L.F.	L.F.	L.F.	L.F.	S.F.	L.F.	S.F.	EA.	EA.	EA.	EA.	EA.	EA.
HIGHWAY	15	10	1210	1210	1150	1150	375	750	250	2	2	8	4	4	2
SUBTOTAL	15	10	1210	1210	1150	1150	375	750	250	2	2	8	4	4	2
UNASSIGNED	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	15	10	1210	1210	1150	1150	375	750	250	2	2	8	4	4	2

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: 8/21/2017

DESIGNER/DRAFTER: ZB

CHECKED BY: RFS

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\HW_MSH_0098_0101_G-02.dgn

SIGNATURE/BLOCK:

STATE OF CONNECTICUT #32175 LICENSED PROFESSIONAL ENGINEER

STV Incorporated
185 Plains Road
Suite 208E
Milford, CT 06461

PROJECT TITLE:
REPLACEMENT OF BRIDGE NO. 01127 - FOXON ROAD (ROUTE 80) OVER FARM RIVER

TOWN: **NORTH BRANFORD**

DRAWING TITLE:
HIGHWAY DETAILED ESTIMATE SHEET

PROJECT NO. **98-101**

DRAWING NO. **G-02**

SHEET NO. **01.02**

STRUCTURES

ITEM NUMBER	0202639A	0203304	0200001	0216000	0406171	0406173	0406303	0502195A	0503151A	0514228	0601000	0601088A	0601201	0601504	0602000	0602006	0700027	0700028	0700029	0700001	0707009A	0708001	0715020	0715030A	0751821	0974001A	1501212A
ITEM	SETTLEMENT MONITORING PROGRAM	STRUCTURES EXCAVATION - EARTH (EXCLUDING COFFERDAM AND DEWATERING)	COFFERDAM AND DEWATERING	PERVIOUS STRUCTURE BACKFILL	HMA S0.5	HMA S0.25	SAWING AND SEALING JOINTS	TEMPORARY BRIDGE	REMOVAL OF SUPERSTRUCTURE (SITE NO. 1)	PRESTRESSED DECK UNITS (4'-0" X 1'-9")	CLASS "A" CONCRETE	CONCRETE FORM LINERS	CLASS "F" CONCRETE	1" PREFORMED EXPANSION JOINT FILLER FOR BRIDGES	DEFORMED STEEL BARS	DEFORMED STEEL BARS - EPOXY COATED	VERIFICATION TEST FOR MICROPILES	PROOF TEST FOR MICROPILES	MICROPILE LENGTH ADJUSTMENT	MICROPILES	MEMBRANE WATERPROOFING (COLD LIQUID ELASTOMER)	DAMPROOFING	SHEET PILING MATERIAL LEFT IN PLACE	TEMPORARY SHEET PILING (SPECIAL)	6" STRUCTURE UNDERDRAIN	REMOVAL OF EXISTING MASONRY	INSTALL 8-INCH GAS MAIN ON BRIDGE
UNIT	L.S.	C.Y.	L.F.	C.Y.	TON	TON	L.F.	L.S.	L.S.	L.F.	C.Y.	S.F.	C.Y.	S.F.	LB.	LB.	EA.	EA.	L.F.	EA.	S.Y.	S.Y.	S.F.	S.F.	L.F.	C.Y.	L.S.
STRUCTURES	L.S.	590	197	285	37	19	66	L.S.	L.S.	482	180	770	160	142	13965	17850	1	2	108	54	318	150	4630	1010	135	265	L.S.
SUBTOTAL	L.S.	590	197	285	37	19	66	L.S.	L.S.	482	180	770	160	142	13965	17850	1	2	108	54	318	150	4630	1010	135	265	L.S.
UNASSIGNED	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	L.S.	590	197	285	37	19	66	L.S.	L.S.	482	180	770	160	142	13965	17850	1	2	108	54	318	150	4630	1010	135	265	L.S.

STRUCTURES

ITEM NUMBER	
ITEM	
UNIT	
SUBTOTAL	
UNASSIGNED	
TOTAL	

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

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Plotted Date: 7/12/2017

DESIGNER/DRAFTER: ZB

CHECKED BY: RFS

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\HW_MSH_0098_0101_G-03.dgn

SIGNATURE/BLOCK:

STV Incorporated
185 Plains Road
Suite 208E
Milford, CT 06461

PROJECT TITLE:
REPLACEMENT OF BRIDGE NO. 01127 - FOXON ROAD (ROUTE 80) OVER FARM RIVER

TOWN: NORTH BRANFORD

DRAWING TITLE:
STRUCTURES DETAILED ESTIMATE SHEET

PROJECT NO. 98-101

DRAWING NO. G-03

SHEET NO. 01.03

ENVIRONMENTAL

ITEM NUMBER	0020763A	0101000A	0101117A	0101128A	0101130A	0202315A	0202316A
ITEM	DISPOSAL OF SEDIMENTS	ENVIRONMENTAL HEALTH AND SAFETY	CONTROLLED MATERIAL,S. HANDLING	SECURING, CONSTRUCTION AND DISMANTLING OF A WASTE STOCKPILE AND TREATMENT AREA	ENVIRONMENTAL WORK - SOLIDIFICATION	DISPOSAL OF CONTROLLED MATERIAL,S.	MANAGEMENT OF REUSABLE CONTROLLED MATERIAL
UNIT	TON	L.S.	C.Y.	L.S.	TON	TON	C.Y.
ENVIRONMENTAL	890	L.S.	2230	L.S.	26	1710	930
SUBTOTAL	890	L.S.	2230	L.S.	26	1710	930
UNASSIGNED	-	-	-	-	-	-	-
TOTAL	890	L.S.	2230	L.S.	26	1710	930

ENVIRONMENTAL

ITEM NUMBER						
ITEM						
UNIT						
SUBTOTAL						
UNASSIGNED						
TOTAL						

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: 6/22/2017

DESIGNER/DRAFTER: -

CHECKED BY: -

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\HW_MSH_0098_0101_G-04.dgn

SIGNATURE/ BLOCK:

STV Incorporated
185 Plains Road
Suite 208E
Milford, CT 06461

PROJECT TITLE:
REPLACEMENT OF BRIDGE NO. 01127 - FOXON ROAD (ROUTE 80) OVER FARM RIVER

TOWN: **NORTH BRANFORD**

DRAWING TITLE:
ENVIRONMENTAL DETAILED ESTIMATE SHEET

PROJECT NO. **98-101**

DRAWING NO. **G-04**

SHEET NO. **01.04**