CONNECTICUT DEPARTMENT OF TRANSPORTATION

Plans For

REPLACEMENT OF BRIDGE NO. 02018 ROUTE 66 OVER POCOTOPAUG CREEK

Town of

EAST HAMPTON

STATE OF CONNECTICUT

ROAD	MAINTENANCE RESPONSIBILITY	LENGTH
Route 66	STATE	265 FEET

F.A.P. #	MAINTENANCE RESPONSIBILITY	PROJECT #
TBD	STATE	0041-0118

LOCATION PLAN

NOT TO SCALE

GENERAL NOTES:

1. FEDERAL AID PROJECT NO. N/A
2. CONSTRUCTION SPECIFICATIONS:
   Connecticut Department of Transportation, Standard Specifications for Roads, Bridges, Facilities and Incidental Construction, Form 817, dated 2016; Supplemental Specifications, dated July 2018; and Special Provisions
3. 400 FOOT GRID BASED ON CONNECTICUT COORDINATE SYSTEM SYSTEM N.A.D. 1983
4. VERTICAL DATUM BASED ON NAVD 1988

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.

TOWN OF EAST HAMPTON

NOT TO SCALE

DESIGN CRITERIA:

DESIGN STANDARD:	CTDOT HIGHWAY DESIGN MANUAL, 2003 EDITION (REV. 2013)
FUNCTIONAL CLASSIFICATION:	URBAN PRINCIPAL ARTERIAL - OTHER
POSTED SPEED:	30 MPH
DESIGN SPEED:	35 MPH
ADT:	13700 (2015 ADT)

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

LIST OF SUBSETS

SUBSET NO.	SUBSET TITLE	*SUBSET SHEET COUNT
01	GENERAL	3
02	REVISIONS	1
03	HIGHWAY	16
04	STRUCTURE	14
05	TRAFFIC	7
06	ENVIRONMENTAL	4
07	LANDSCAPING	2
08	FOR INFORMATION ONLY	5
	HIGHWAY STANDARD SHEETS	17
	TRAFFIC STANDARD SHEETS	8

LIST OF DRAWINGS SUBSET 01 - GENERAL

DRAWING TITLE	DRAWING NO.
TITLE SHEET	G-1
DETAILED ESTIMATE SHEET-1	G-2
DETAILED ESTIMATE SHEET-2	G-3

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

DESIGNED BY:
GM2 ASSOCIATES, INC.
115 GLASTONBURY BLVD.
GLASTONBURY, CT 06033

STATE OF CONNECTICUT JAGDEESH GOPAL LICENSED PROFESSIONAL ENGINEER

Jagdeesh Gopal
2019.07.22
09:58:45-04'00'

Plans For
REPLACEMENT OF BRIDGE NO. 02018
ROUTE 66 OVER POCOTOPAUG CREEK

Town
EAST HAMPTON

STATE PROJECT NO.
0041-0118

DRAWING NO.
G-1

SHEET NO.
01.01

ITEM NUMBER	0020763A	0101000A	0101117A	0101128A	0101130A	0201001	0201013A	0202000	0202315A	0202318A	0202452A	0202501	0202502	0202512	0202529	0203202	0203304	0204001	0204151A	0204213A	0207000	0209001	0211000	0213100	0216000	0219001	0219011A	0304002	0305000	0406170	0406171	0406173	0409236	0406600	0503001	0586002.10	0586044.10	0586620	0586700	0586701	0586750	0586790.10	0601109A	0601134A	0601122	0602030	0686000.18	0686055.10
ITEM	DISPOSAL OF SEDIMENTS	ENVIRONMENTAL HEALTH & SAFETY	CONTROLLED MATERIALS HANDLING	SECURING, CONSTRUCTING AND DEMANTLING OF A WATER TREATMENT AND TREATMENT AREA	ENVIRONMENTAL WORK - SOLIDIFICATION	CLEARING AND GRUBBING	REMOVAL OF EXISTING FENCE	EARTH EXCAVATION	DISPOSAL OF CONTROLLED MATERIALS	MANAGEMENT OF REUSABLE CONTROLLED MATERIALS	TEST PIT	CUT CONCRETE PAVEMENT	REMOVAL OF CONCRETE PAVEMENT	CUT CONCRETE SIDEWALK	CUT BITUMINOUS CONCRETE PAVEMENT	STRUCTURE EXCAVATION - EARTH (EXCLUDING COFFERDAM AND DEWATERING)	STRUCTURE EXCAVATION - ROCK (EXCLUDING COFFERDAM AND DEWATERING)	COFFERDAM AND DEWATERING	HANDLING WATER	HANDLING CONTAMINATED GROUNDWATER	BORROW	FORMATION OF SUBGRADE	ANTI-TRACKING PAD	GRANULAR FILL	PERVIOUS STRUCTURE BACKFILL	SEDIMENTATION CONTROL SYSTEM	SEDIMENT CONTROL SYSTEM AT CATCH BASIN	PROCESSED AGGREGATE BASE	PROCESSED AGGREGATE	HMA S1	HMA S0.5	HMA S0.25	MATERIAL FOR TACK COAT	MATERIAL TRANSFER VEHICLE	REMOVAL OF SUPERSTRUCTURE	TYPE "C" CATCH BASIN (4' SUMP) - 0' - 10' DEEP	TYPE "C-L" CATCH BASIN DOUBLE GRATE TYPE 2 - 0' - 10' DEEP	RESET TYPE C-L CATCH BASIN	CONVERT CATCH BASIN TO TYPE "C" CATCH BASIN	CONVERT CATCH BASIN TO TYPE "C-L" CATCH BASIN	TYPE "C" CATCH BASIN TOP	REMOVE DRAINAGE STRUCTURE - 0' - 10' DEEP	PRECAST CONCRETE WALLS	11'X 7' PRECAST CONCRETE BOX CULVERT	BRIDGE SIDEWALK CONCRETE	DEFORMED STEEL BARS - GALVANIZED	18" R.C. PIPE - 0'-10' DEEP	29" X 45" R.C. PIPE ELLIPTICAL - 0' - 10' DEEP
UNIT	TON	L.S.	C.Y.	L.S.	TON	L.S.	L.F.	C.Y.	TON	C.Y.	EA.	L.F.	S.Y.	L.F.	L.F.	C.Y.	C.Y.	L.F.	L.S.	L.S.	C.Y.	S.Y.	S.Y.	C.Y.	C.Y.	L.F.	EA.	C.Y.	TON	TON	TON	TON	GAL.	TON	L.S.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	L.S.	L.F.	C.Y.	LB.	L.F.	L.F.
Bridge No. 02018	30	L.S.	1010	L.S.	4	L.S.	15	570	1463	15	2	80	1000	15	80	355	60	225	L.S.	L.S.	133	1050	135	20	426	250	6	350	15	490	256	5	84	496	L.S.	2	1	1	1	1	1	2	L.S.	47	3	212	120	20
SUBTOTAL	30	L.S.	1010	L.S.	4	L.S.	15	570	1463	15	2	80	1000	15	80	355	60	225	L.S.	L.S.	133	1050	135	20	426	250	6	350	15	490	256	5	84	496	L.S.	2	1	1	1	1	1	2	L.S.	47	3	212	120	20
UNASSIGNED																																																
TOTAL	30	L.S.	1010	L.S.	4	L.S.	15	570	1463	15	2	80	1000	15	80	355	60	225	L.S.	L.S.	133	1050	135	20	426	250	6	350	15	490	256	5	84	496	L.S.	2	1	1	1	1	1	2	L.S.	47	3	212	120	20

ITEM NUMBER	0686950.10	0703012	0707009A	0708001	0728032A	0755010	0811001	0813021A	0814002	0815001	0822001	0822002	0910025A	0910173	0911924	0912503	0913008A	0921005	0921007A	0921039	0923500A	0924004A	0943001	0944000	0949138	0949022	0949023	0949709	0950019A	0952051A	0960052A	0970007	0971001A	0974001	0975004	0976002	0978002	0979003	0980001	0981100	0981101A	1131001	1205207	1206023A	1208931A	1209114	1209124	1209131
ITEM	REMOVE EXISTING PIPE - 0' - 10' DEEP	MODIFIED RIPRAP	MEMBRANE WATERPROOFING (SOLVENT AND ELASTOMERIC)	DAMPROOFING	NO. 6 CRUSHED STONE	GEOTEXTILE (SEPARATION - MEDIUM SURVIVABILTY)	CONCRETE CURBING	6" GRANITE STONE CURBING	RESET GRANITE STONE CURBING	BITUMINOUS CONCRETE LIP CURBING	TEMPORARY PRECAST CONCRETE BARRIER CURB	RELOCATED TEMPORARY PRECAST CONCRETE BARRIER CURB	METAL BEAM RAIL TERMINAL ELEMENT	R-B 350 BRIDGE ATTACHMENT VERTICAL SHAPED PARAPET	R-B END ANCHORAGE-TYPE II	REMOVE METAL BEAM RAIL	TEMPORARY 6' CHAIN LINK FENCE	CONCRETE SIDEWALK RAMP	SPECIAL CONCRETE SIDEWALK	DETECTABLE WARNING STRIP	BITUMINOUS CONCRETE DRIVEWAY (COMMERCIAL)	CONCRETE DRIVEWAY RAMP	WATER FOR DUST CONTROL	FURNISHING AND PLACING TOPSOIL	ALNUS RUGOSA, SPECKLED ALDER 18"-24" HT. B.B.	SALIX DISCOLOR, PUSSY WILLOW 24"- 36" HT. CONT.	CORNUS SERICEA RED OSIER DOGWOOD 24"- 36" HT. CONT.	AMELANCHIER CANADENSIS SHADBLOW SERVICEBERRY 4"- 5' HT. B.B.	TURF ESTABLISHMENT-LAWN	CONTROL AND REMOVE INVASIVE VEGETATION	CONSTRUCTION FIELD OFFICE, MEDIUM	TRAFFICPERSON (UNIFORMED FLAGGER)	MAINTENANCE AND PROTECTION OF TRAFFIC	REMOVAL OF EXISTING MASONRY	MOBILIZATION AND PROJECT CLOSEOUT	BARRICADE WARNING LIGHTS - HIGH INTENSITY	TRAFFIC DRUM	CONSTRUCTION BARRICADE TYPE III	CONSTRUCTION STAKING	42" TRAFFIC CONE	OPPOSING TRAFFIC LANE DIVIDER	CHANGEABLE MESSAGE SIGN	TYPE DE-7 DELINEATOR	REMOVAL AND RELOCATION OF EXISTING SIGNS	SIGN FACE SHEET ALUMINUM (TYPE IX RETROFLECTIVE SHEETING)	HOT-APPLIED PAINTED PAVEMENT MARKINGS 4" YELLOW	HOT-APPLIED PAINTED PAVEMENT MARKINGS 4" WHITE	HOT-APPLIED PAINTED LEGEND,ARROWS AND MARKINGS
UNIT	L.F.	C.Y.	S.Y.	S.Y.	C.Y.	S.Y.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	EA.	EA.	EA.	L.F.	L.F.	S.F.	S.F.	EA.	S.Y.	C.Y.	M. Gal	S.Y.	EA.	EA.	EA.	EA.	S.Y.	S.Y.	MO.	HR.	L.S.	C.Y.	L.S.	DAY	EA.	EA.	L.S.	EA.	EA.	DAY	EA.	L.S.	S.F.	L.F.	L.F.	S.F.
Bridge No. 02018	140	35	76	135	75	365	430	13	150	70	360	100	1	4	3	95	370	200	1175	2	1270	20	80	440	3	6	3	3	40	78	6	1500	L.S.	210	L.S.	200	33	12	L.S.	32	10	28	15	L.S.	3	1200	2400	16
SUBTOTAL	140	35	76	135	75	365	430	13	150	70	360	100	1	4	3	95	370	200	1175	2	1270	20	80	440	3	6	3	3	40	78	6	1500	L.S.	210	L.S.	200	33	12	L.S.	32	10	28	15	L.S.	3	1200	2400	16
UNASSIGNED																																																
TOTAL	140	35	76	135	75	365	430	13	150	70	360	100	1	4	3	95	370	200	1175	2	1270	20	80	440	3	6	3	3	40	78	6	1500	L.S.	210	L.S.	200	33	12	L.S.	32	10	28	15	L.S.	3	1200	2400	16

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: 7/22/2019

DESIGNER/DRAFTER: DK

CHECKED BY: JG

NO SCALE

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ..\SB_MSH_41-118_EST1.dgn

SIGNATURE/BLOCK:

STATE OF CONNECTICUT · JOSEPH GIORDANO · LICENSED PROFESSIONAL ENGINEER

GM2 ASSOCIATES, INC.
115 GLASTONBURY BLVD.
GLASTONBURY, CT 06033

PROJECT TITLE:
REHABILITATION OF BRIDGE NO. 02018, ROUTE 66 OVER POCOTOPAUG RIVER

TOWN: **EAST HAMPTON**

DRAWING TITLE: **DETAILED ESTIMATE SHEET-1**

PROJECT NO. **041-118**

DRAWING NO. **G-2**

SHEET NO. **01.02**

ITEM NUMBER	1210101	1210102	1210105	1211001	1212003	1220027	14035014	1802210.07	1802210.14	1802210.21
ITEM	4" WHITE EPOXY RESIN PAVEMENT MARKINGS	4" YELLOW EPOXY RESIN PAVEMENT MARKINGS	EPOXY RESIN PAVEMENT MARKINGS, SYMBOLS AND LEGENDS	REMOVAL OF PAVEMENT MARKINGS	TEMPORARY PLASTIC PAVEMENT MARKING TAPE-6" WHITE	CONSTRUCTION SIGNS	RESET MANHOLE (SANITARY SEWER)	TEMPORARY SAND BARREL (700 LB.)	TEMPORARY SAND BARREL (1400 LB.)	TEMPORARY SAND BARREL (2100 LB.)
UNIT	L.F.	L.F.	S.F.	S.F.	L.F.	S.F.	EA.	EA.	EA.	EA.
Bridge No. 02018	600	600	16	250	820	665	3	2	8	4
SUBTOTAL	600	600	16	250	820	665	3	2	8	4
UNASSIGNED										
TOTAL	600	600	16	250	820	665	3	2	8	4

ITEM NUMBER										
ITEM										
UNIT										
Bridge No. 02018										
SUBTOTAL										
UNASSIGNED										
TOTAL										

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

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Plotted Date: 7/22/2019

DESIGNER/DRAFTER: DK

CHECKED BY: JG

NO SCALE

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ..\SB_MSH_41-118_EST2.dgn

SIGNATURE/ BLOCK:

STATE OF CONNECTICUT JOSEPH T. GIRARD 27911 LICENSED PROFESSIONAL ENGINEER

GM2 ASSOCIATES, INC.
115 GLASTONBURY BLVD.
GLASTONBURY, CT 06033

PROJECT TITLE:
REHABILITATION OF BRIDGE NO. 02018, ROUTE 66 OVER POCOTOPAUG RIVER

TOWN: **EAST HAMPTON**

DRAWING TITLE: **DETAILED ESTIMATE SHEET-2**

PROJECT NO. **041-118**

DRAWING NO. **G-3**

SHEET NO. **01.03**