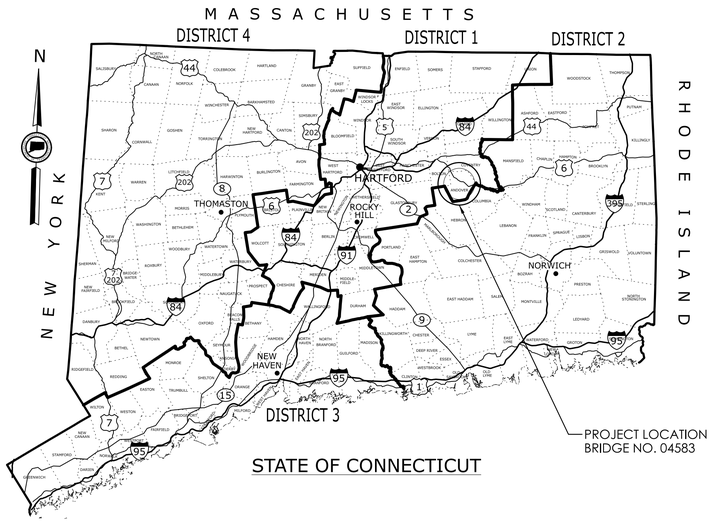
TOWN OF ANDOVER

Plans For

REPLACEMENT OF BRIGE NO. 04583
BUNKER HILL ROAD
OVER HOP RIVER



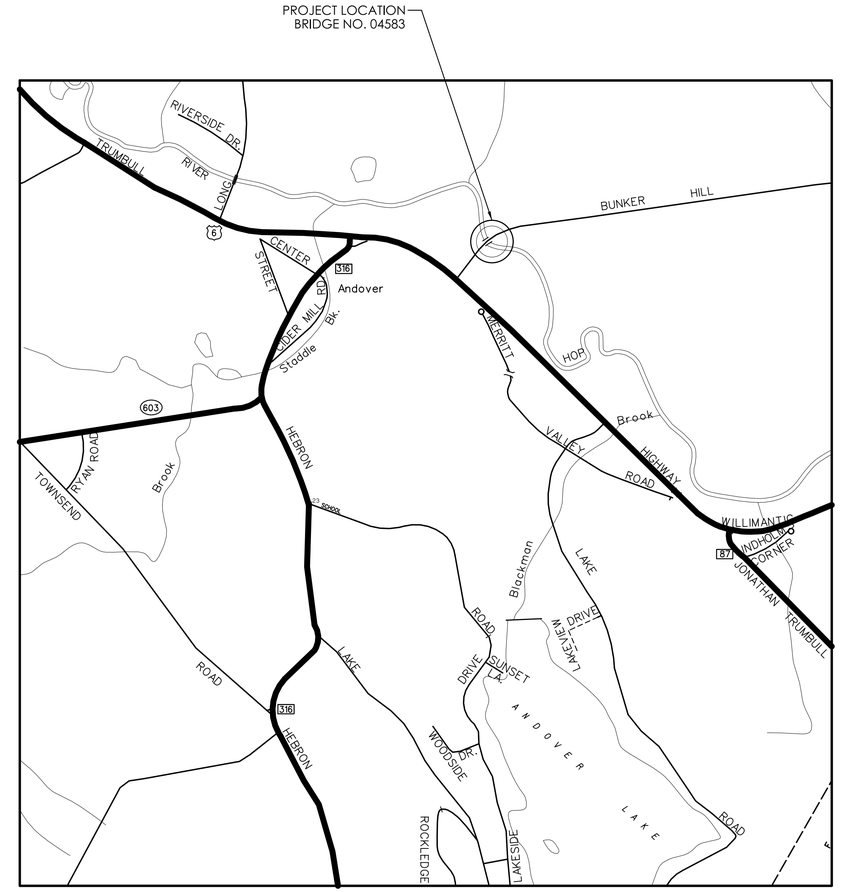
STATE OF CONNECTICUT

GENERAL NOTES:

1. FEDERAL AID PROJECT NO. TBD
2. CONSTRUCTION SPECIFICATIONS:
   Connecticut Department of Transportation, Standard Specifications for Roads, Bridges, Facilities and Incidental Construction, Form 818 dated 2020; Supplemental Specifications, dated January 2023; and Special Provisions
3. 400 FOOT GRID BASED ON CONNECTICUT COORDINATE SYSTEM N.A.D. 1983 (2011)
4. VERTICAL DATUM BASED ON N.A.V.D. 1988
5. Surveyed By: CTDOT DISTRICT 1

ROAD	MAINTENANCE RESPONSIBILITY	LENGTH
BUNKER HILL ROAD	TOWN	417.24 FEET

F.A.P. #	MAINTENANCE RESPONSIBILITY	PROJECT #
TBD	TOWN	0001-0106



LOCATION PLAN
NOT TO SCALE

DESIGN CLASSIFICATION: RURAL LOCAL ROAD
DESIGN SPEED: 30 MPH
TRAFFIC VOLUME: 330 (2021)

LIST OF SUBSETS

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

SUBSET NO.	SUBSET TITLE	*SUBSET SHEET COUNT
#01	GENERAL	2
#02	REVISIONS	1
#03	HIGHWAY	16
#04	STRUCTURE	26
	HIGHWAY STANDARD DETAILS	6
	TRAFFIC STANDARD DETAILS	7

LIST OF DRAWINGS
SUBSET 01 - GENERAL

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

STANDARD CONVENTIONS

Grid Arrow
North Arrow W/No. Coor.
Edge of Road
Concrete Pavement
Dirt Road
B.C.P.C.
Granite Curb
Guide Rail
Concrete Median Barrier
Bit. Walk
Conc. Sidewalk
Chain Link Fence
Rustic Fence
Pipe Fence
Board Fence
Retaining Wall
Water Edge
Stream
Ditch
Limit of Marsh
Inland Wetland Limits
Swamp
Building
Transmission Tower
Riprap
Hedge Row
Tree Line
Ledge Outcrop
Stone Wall
Shrub
Evergreen Tree
Deciduous Tree
Under Ground Power Line
Over Head Power Line
Railroad Tracks
State Line
Property Line
Lot Line
Easement Line
Town Line
Highway Line
Street Line

DESIGNED BY:
CDR | MAGUIRE ENGINEERING

FINAL DESIGN REVIEW

Plans For
REPLACEMENT OF BRIDGE NO. 04583
BUNKER HILL ROAD
OVER HOP RIVER

Town of
ANDOVER

STATE PROJECT NO.
0001-0106

DRAWING NO.
G-1

SHEET NO.
01 01

ROADWAY ITEMS

ITEM NUMBER	0201001	0201199	0202000	0202529	0209001	0218001	0304002	0305000	0406171	0406236	0406303A	0910031	0910188	0911924	0912409	0912503	0944600	0950005	0952051A	0975004	0980420	1303210A
ITEM	CLEARING AND GRUBBING	REMOVE AND RESET FENCE	EARTH EXCAVATION	CUT BITUMINOUS CONCRETE PAVEMENT	FORMATION OF SUBGRADE	SEDIMENTATION CONTROL SYSTEM	PROCESSED AGGREGATE BASE	PROCESSED AGGREGATE	HMA S0.5	MATERIAL FOR TACK COAT	SAWING AND SEALING JOINTS	THRIE BEAM ATTACHMENT	R-B 350 BRIDGE ATTACHMENT-VERTICAL SHAPE PARAPET 10 GA	R-B END ANCHORAGE-TYPE II	REMOVE CABLE GUIDE RAIL	REMOVE METAL BEAM RAIL	FURNISHING AND PLACING TOP SOIL	TURF ESTABLISHMENT	CONTROL AND REMOVAL OF INVASIVE VEGETATION	MOBILIZATION AND PROJECT CLOSEOUT	CONSTRUCTION SURVEYING	DRY HYDRANT ASSEMBLY
UNIT	LS	LF	CY	LF	SY	LF	CY	TON	TON	GAL	LF	EA	EA	EA	LF	LF	SY	SY	SY	LS	LS	LS
BUNKER HILL ROAD	LS	75	769	51	932	272	399	41	254	177	51	2	1	3	105	77	121	121	810	LS	LS	LS
SUBTOTAL	LS	75	769	51	932	272	399	41	254	177	51	2	1	3	105	77	121	121	810	LS	LS	LS
UNASSIGNED																						
TOTAL	LS	75	769	51	932	272	399	41	254	177	51	2	1	3	105	77	121	121	810	LS	LS	LS

TRAFFIC ITEMS

ITEM NUMBER	0621210.01	0960062A	0970007	0971001A	0976002	0977001	0978002	0979013	1206036	1208931	1208937	1209007	1220027A
ITEM	TEMPORARY TRAFFIC BARRIER	CONSTRUCTION FIELD OFFICE (MEDIUM)	TRAFFICPERSON (UNIFORMED FLAGGER)	MAINTENANCE AND PROTECTION OF TRAFFIC	BARRICADE WARNING LIGHTS - HIGH INTENSITY	TRAFFIC CONE	TRAFFIC DRUM	CONSTRUCTION BARRICADE TYPE III	REMOVE AND RELOCATE SIGN	SIGN FACE-SHEET ALUMINUM (TYPE IX RETROREFLECTIVE SHEETING)	SIGN FACE-SHEET ALUMINUM (TYPE XI RETROREFLECTIVE SHEETING)	PAINTED PAVEMENT MARKINGS 4" YELLOW	CONSTRUCTION SIGNS
UNIT	LF	MO	HR	LS	DAY	EA	EA	EA	EA	SF	SF	LF	SF
BUNKER HILL ROAD	80	8	80	LS	800	35	25	10	1	1	33	450	810
SUBTOTAL	80	8	80	LS	800	35	25	10	1	1	33	450	810
UNASSIGNED													
TOTAL	80	8	80	LS	800	35	25	10	1	1	33	450	810

STRUCTURE ITEMS

ITEM NUMBER	0202216A	0203000	0204151A	0213100	0214100	0216000	0406173	0406303A	0406312A	0503866A	0514206	0514224	0520036A	0520041A	0521001	0601062	0601064	0601118	0601121	0601123	0601502	0601639
ITEM	EXCAVATION AND REUSE OF EXISTING CHANNEL BOTTOM MATERIAL	STRUCTURE EXCAVATION - EARTH (COMPLETE)	HANDLING WATER	GRANULAR FILL	COMPACTED GRANULAR FILL	PERVIOUS STRUCTURE BACKFILL	HMA S0.25	SAWING AND SEALING JOINTS	GUTTER LINE SEALING FOR BRIDGES	REMOVAL OF EXISTING CULVERT (STIE NO.1)	PRESTRESSED DECK UNITS (3'-0" X 2'-9")	PRESTRESSED DECK UNITS (4'-0" X 2'-9")	ASPHALTIC PLUG EXPANSION JOINT SYSTEM	PREFORMED JOINT SEAL	ELASTOMERIC BEARING PADS	FOOTING CONCRETE	ABUTMENT AND WALL CONCRETE	BRIDGE DECK CONCRETE	PARAPET CONCRETE	APPROACH SLAB CONCRETE	1/2" PREFORMED EXPANSION JOINT FILLER FOR BRIDGES	1/2" CLOSED CELL ELASTOMER
UNIT	CY	CY	LS	CY	CY	CY	TON	LF	LF	LS	LF	LF	CF	LF	CI	CY	CY	CY	LF	CY	SF	CI
BUNKER HILL ROAD	157	521	LS	47	45	211	24	64	234	LS	172	602	26	68	7020	23	116	96	37	49	52	2064
SUBTOTAL	157	521	LS	47	45	211	24	64	234	LS	172	602	26	68	7020	23	116	96	37	49	52	2064
UNASSIGNED																						
TOTAL	157	521	LS	47	45	211	24	64	234	LS	172	602	26	68	7020	23	116	96	37	49	52	2064

ITEM NUMBER	0602030	0703011	0706001	0706002	0706003	0706004	0707009A	0708001	0716000	0819002A	0904051A
ITEM	DEFORMED STEEL BARS - GALVANIZED	INTERMEDIATE RIPRAP	MICROPILES	VERIFICATION TEST FOR MICROPILES	PROOF TEST FOR MICROPILES	MICROPILE LENGTH ADJUSTMENT	MEMBRANE WATERPROOFING (COLD LIQUID ELASTOMERIC)	DAMPROOFING	TEMPORARY EARTH RETAINING SYSTEM	PENETRATING SEALER PROTECTIVE COMPOUND	3 TUBE CURB MOUNTED BRIDGE RAIL
UNIT	LB	CY	EA	EA	EA	LF	SY	SY	SF	SY	LF
BUNKER HILL ROAD	20100	139	24	1	2	30	425	80	190	117	197
SUBTOTAL	20100	139	24	1	2	30	425	80	190	117	197
UNASSIGNED											
TOTAL	20100	139	24	1	2	30	425	80	190	117	197

A = "SEE SPECIAL PROVISIONS"

REV. | DATE | REVISION DESCRIPTION

DESIGNER/DRAFTER: KPW CHECKED BY: AGN

SIGNATURE/ BLOCK:

TOWN OF ANDOVER

PROJECT NUMBER: 0001-0106
PROJECT DESCRIPTION: REPLACEMENT OF BRIDGE NO. 04583 BUNKER HILL OVER HOP RIVER
TOWN(S): ANDOVER
DRAWING TITLE: DETAILED ESTIMATE

DRAWING NO. G-2
SHEET NO. 01.02

LASTED SAVED BY: richard.winter FILE NAME: P:\PROJECTS\CT_Projects\0001-0106\Highways\Contract_Plans\HW_CP_0001-0106_GeneralSubset.dgn
PLOTTED DATE: 10/19/2023