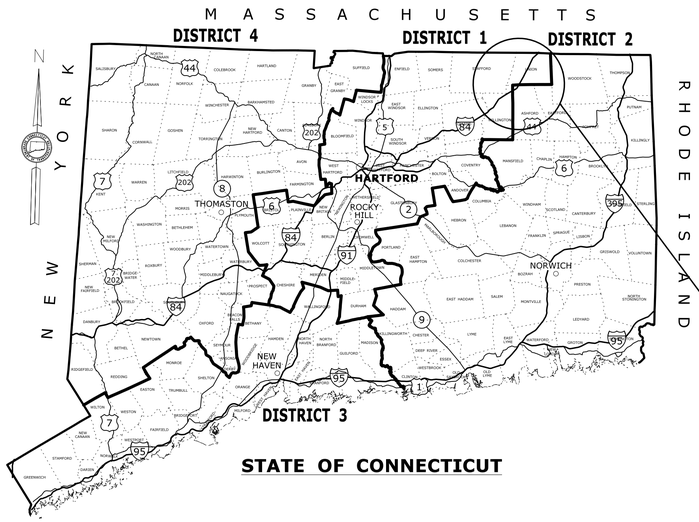
CONNECTICUT DEPARTMENT OF TRANSPORTATION

Plans For

STATE PROJECT NO. 160-145
INTERSTATE 84
PAVEMENT PRESERVATION

Towns of

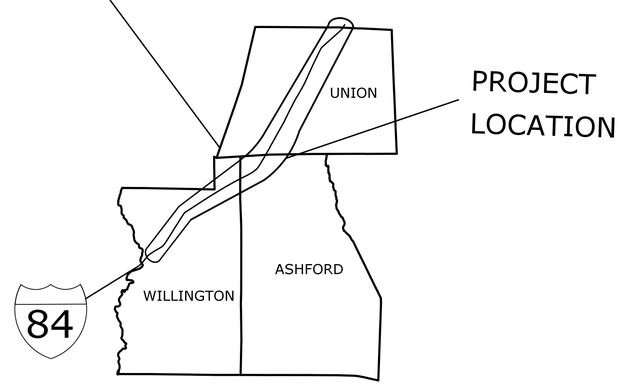
WILLINGTON, ASHFORD AND UNION

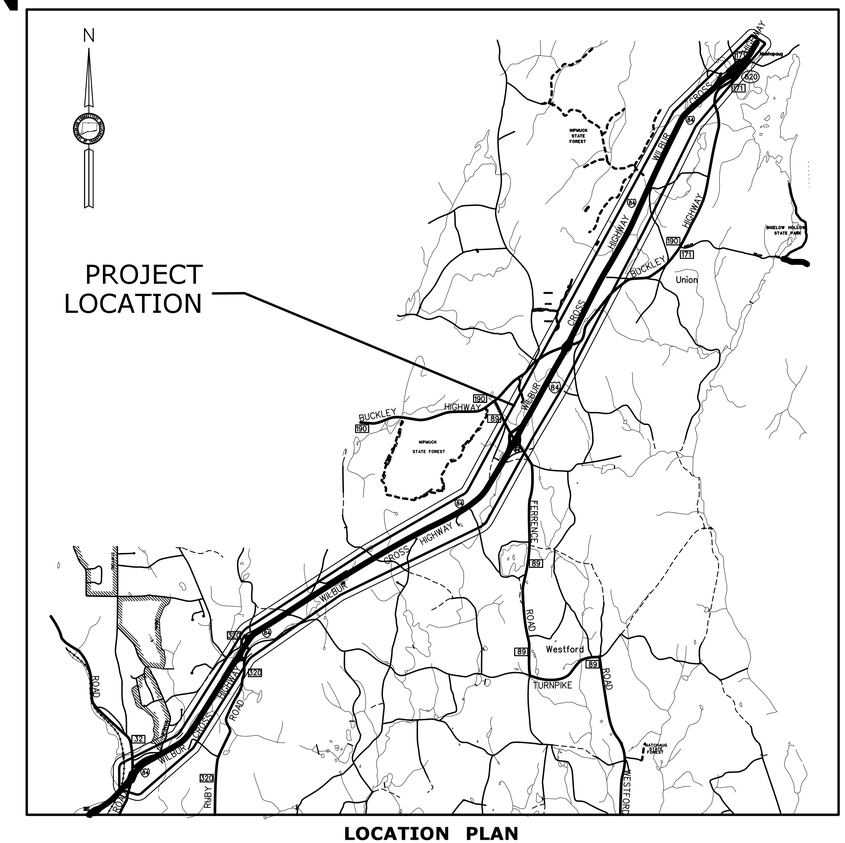


STATE OF CONNECTICUT

ROAD	MAINTENANCE RESPONSIBILITY	LENGTH
Interstate 84	STATE	102211 FEET

F.A.P. #	MAINTENANCE RESPONSIBILITY	PROJECT #
-	STATE	0160-0145





LOCATION PLAN

NOT TO SCALE

GENERAL NOTES:

1. CONSTRUCTION SPECIFICATIONS:
   Connecticut Department of Transportation, Standard Specifications for Roads, Bridges and Incidental Construction, Form 816, dated 2004; Supplemental Specifications, dated July 2014; and Special Provisions

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.

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LIST OF SUBSETS

SUBSET NO.	SUBSET TITLE	*SUBSET SHEET COUNT
01	GENERAL	2
02	REVISIONS	1
03	HIGHWAY	34
04	BRIDGE	18
05	TRAFFIC	2
TR-STD	TRAFFIC STANDARD DRAWINGS	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-1
DETAIL ESTIMATE SHEET	G-2

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.

SUBMITTED BY: TRANSPORTATION PRINCIPAL ENGINEER - WILLIAM W. BRITNELL P.E.

APPROVAL RECOMMENDED BY: MANAGER OF HIGHWAY DESIGN - TIMOTHY M. WILSON P.E.

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

Plans For
PAVEMENT PRESERVATION ON INTERSTATE 84

Towns
WILLINGTON, ASHFORD AND UNION

STATE PROJECT NO.
160-145

DRAWING NO.
G-01

SHEET NO.
01.01

HIGHWAY ITEMS

ITEM NUMBER	0201001	0202529	0305000	0406125A	0406159	0406164A	0406178A	0406192A	0406194A	0406236	0406278A	0406285A	0406600	0969063A	0975004	0980001A
ITEM	CLEARING AND GRUBBING	CUT BITUMINOUS CONCRETE PAVEMENT	PROCESSED AGGREGATE	BITUMINOUS CONCRETE SURFACE PATCH	PMA S0.5	THIN FRICTION WEARING COURSE (TYPE 1)	ULTRA-THIN BONDED HMA PAVEMENT (TYPE B)	POLYMER MODIFIED ASPHALT EMULSION (TYPE 1)	JOINT AND CRACK SEALING OF BITUMINOUS CONCRETE PAVEMENT	MATERIAL FOR TACK COAT	MICRO MILLING OF HMA (0" TO 2")	FINE MILLING OF HMA (0" - 4")	MATERIAL TRANSFER VEHICLE	CONSTRUCTION FIELD OFFICE	MOBILAZATION AND PROJECT CLOSEOUT	CONSTRUCTION STAKING
UNIT	LS	LF	TON	SY	TON	TON	SY	GAL	LF	GAL	SY	SY	TON	MO	LS	LS
MAINLINE																
EASTBOUND		618		250												
TREATMENT 1					20000		315000	61776	38640	10178	169202	145400	35396			
TREATMENT 2					3360	3505			3360	1969	31796	29190	6743			
WESTBOUND																
TREATMENT 1		247		250	6664	-	214067	42813	48000	3458	164666	49400	17126			
RAMPS																
EASTBOUND		818		-	3465	-	-	-	-	2285	-	32639	3465			
WESTBOUND		448		-	2484	-	-	-	-	1672	-	23889	2484			
SUBTOTAL	LS	2131	725	500	35973	3505	529067	104589	90000	19562	365664	280518	65214	8	LS	LS
UNASSIGNED		109	75	25	1797	175	26453	5231	4500	978	18281	14027	3261			
TOTAL	LS	2240	800	525	37770	3680	555520	109820	94500	20540	383945	294545	68475	8	LS	LS

FACILITIES

ITEM NUMBER	1001001	1008901A	1010060A	1014901A	1015001	1111420A	1111451A
ITEM	TRENCHING AND BACKFILLING	REMOVE CONDUIT	CLEAN EXISTING CONCRETE HANDHOLE	REMOVE CABLE	NO. 8 BARE COPPER GROUNDING CONDUCTOR	PIEZO CABLE SENSOR (TYPE 1)	LOOP DETECTOR SAW CUT
UNIT	LF	LF	EA	LF	LF	EA	LF
PROJECT WIDE	15	75	3	60	30	6	145
SUBTOTAL	15	75	3	60	30	6	145
UNASSIGNED	-	-	-	-	-	-	-
TOTAL	15	75	3	60	30	6	145

TRAFFIC ITEMS

ITEM NUMBER	0406237A	0406314A	0406315A	0406316A	0970007A	0971001A	0976002	0978002	0979003A	0981100	1130000	1131002A	1208928	1209114	1209124	1209126	1209128	1209131	1210101A	1210102A	1210103A	1210104A	1210105A	1210107A	1220013A	1806200
ITEM	RUMBLE STRIPS AUTOMATED	80 MIL PAVEMNT MARKING GROOVE 5" WIDE	80 MIL PAVEMENT MARKING GROOVE 7" WIDE	80 MIL PAVEMENT MARKING GROOVE 9" WIDE	TRAFFICPERSON (UNIFORM FLAGGER)	MAINTANCE AND PROTECTION OF TRAFFIC	BARRICADE WARNING LIGHTS- HIGH INTENSITY	TRAFFIC DRUM	CONSTRUCTION BARRICADES TYPE III	42" TRAFFIC CONE	HIGH MOUNTED INTERNALLY ILLUMINATED FLASSHING ARROW	REMOTE CONTROL CHANGEABLE MESSAGE SIGN	SIGN FACE SHEET ALUMINUM (TYPE III REFLECTIVE SHEETING	HOT- APPLIED PAINTED PAVEMTN MARKINGS 4" YELLOW	HOT- APPLIED PAINTED PAVEMENT MARKINGDS 4" WHITE	HOT- APPLIED PAINTED PAVEMENT MARKINGS 6" WHITE	HOT-APPLIED PAINTED PAVEMENT MARKINGS 8" WHITE	HOT-APPLIED PAINTED LEGEND, ARROWS AND MARKINGS	4" WHITE EPOXY RESIN PAVEMENT MARKINGS	4" YELLOW EPOXY RESIN PAVEMENT MARKINGS	6" WHITE EPOXY RESIN PAVEMENT MARKINS	8" WHITE EPOXY RESIN PAVEMENT MARKINGS	EPOXY RESIN PAVEMENT MARKINGS, SYMBOLS AND LEGENDS	8" YELLOW EPOXY RESIN PAVEMENT MARKINGS	CONSTRUCTION SIGNS-BRIGHT FLUORESCENT SHEETING	TYPE D PORTABLE IMPACT ATTENUATION SYSTEM
UNIT	LF	LF	LF	LF	HR	LS	DAY	EA	EA	EA	DAY	DAY	SF	LF	LF	LF	LF	SF	LF	LF	LF	LF	SF	LF	SF	HR
MAINLINE																										
EASTBOUND	118000	131000	35000	10000									3	196500	196500	105000	30000		65500	65500	35000	10000				
WESTBOUND	68000	74500	19500	5500										111750	111750	58500	16500		37250	37250	19500	5500				
RAMPS																										
EASTBOUND	-	15000	-	200										21000	23500		600	2250	8000	7000		200	750	120		
WESTBOUND	-	11000	-	120										16000	17000		360	1950	5700	5400		120	650	120		
SUBTOTAL	186000	231500	54500	15820	80	LS	720	200	12	100	270	240	3	345250	348750	163500	47460	4200	116450	115150	54500	15820	1400	240	1000	2400
UNASSIGNED	9300	11575	2725	790	-	-	-	-	-	-	-	-	-	17260	17435	8175	2375	210	5820	5760	2725	790	70	-	-	-
TOTAL	195300	243075	57225	16610	80	LS	720	200	12	100	270	240	3	362510	366185	171675	49835	4410	122270	120910	57225	16610	1470	240	1000	2400

BRIDGE ITEMS

ITEM NUMBER	0202479A	0406172	0406194A	0520036A	0601318A	0601509A	0707001A	0974105A
ITEM	REMOVAL OF HMA WEARING SURFACE	HMA S0.375	JOINT AND CRACK SEALING OF BITUMINOUS CONCRETE	ASPHALTIC PLUG EXPANSION JOINT SYSTEM	PARTIAL DEPTH PATCH	REMOVE CONCRETE HEADERS	MEMBRANE WATERPROOFING (WOVEN GLASS FABRIC)	CONCRETE HAUCH REMOVAL
UNIT	SY	TON	LF	LF	CF	LF	SY	LF
MAINLINE								
EASTBOUND	324	59	1058	224	119	35	247	3595
WESTBOUND	93	17	301	63	34	-	66	1676
SUBTOTAL	422	76	1359	287	153	35	313	5271
UNASSIGNED	-	-	-	-	-	-	-	-
TOTAL	422	76	1359	287	153	35	313	5271

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: 1/12/2015

DESIGNER/DRAFTER: JJJ
CHECKED BY: EAJ

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\HW_MSH_0160_0145 _EST-01.dgn

SIGNATURE/BLOCK: OFFICE OF ENGINEERING
APPROVED BY:

PROJECT TITLE: INTERSTATE 84 PAVEMENT PRESERVATION

TOWN: WILLINGTON, ASHFORD AND UNION

DRAWING TITLE: DETAILED ESTIMATE SHEET

PROJECT NO. 160-145
DRAWING NO. G-02
SHEET NO. 01.02