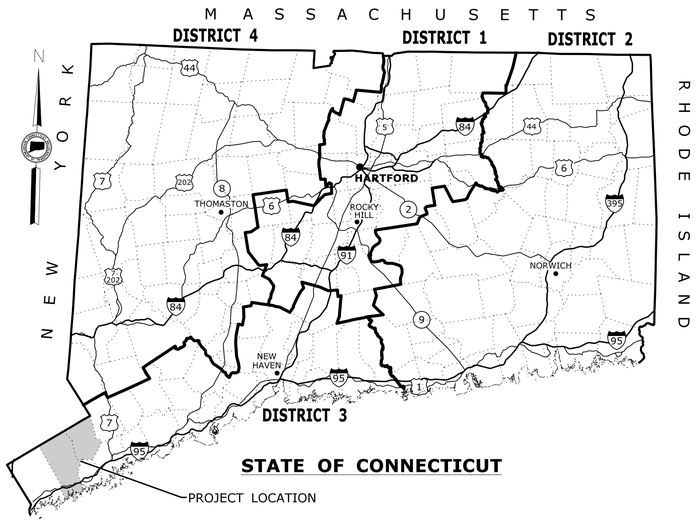
CONNECTICUT DEPARTMENT OF TRANSPORTATION

Plans For

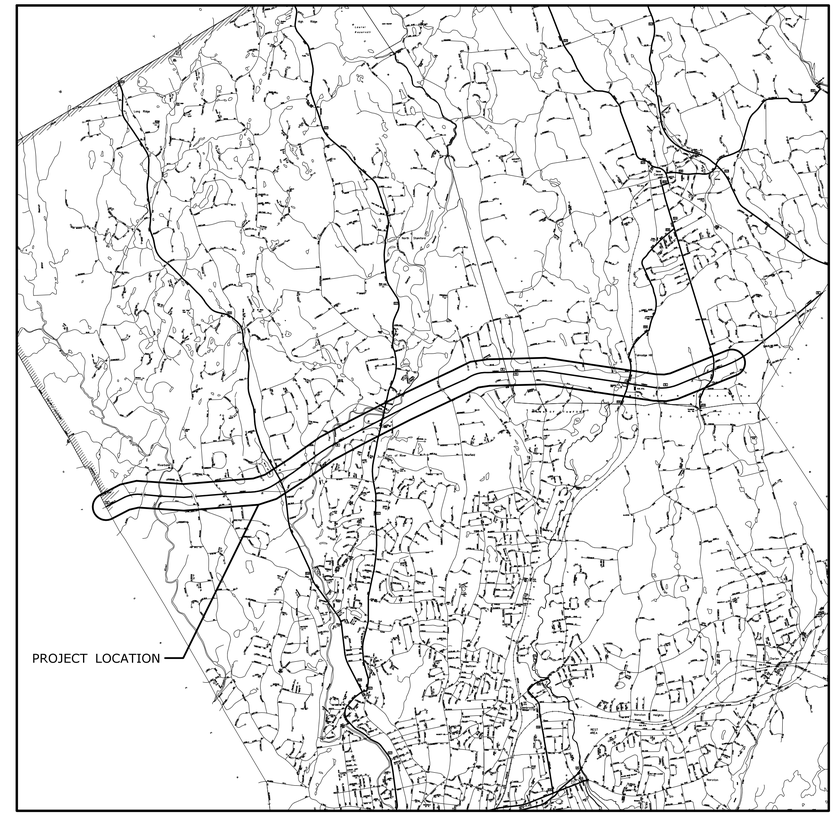
MERRITT PARKWAY (ROUTE 15)
SAFETY IMPROVEMENTS, RESURFACING, ENHANCEMENTS, AND BRIDGE IMPROVEMENTS



Town(s)/City of

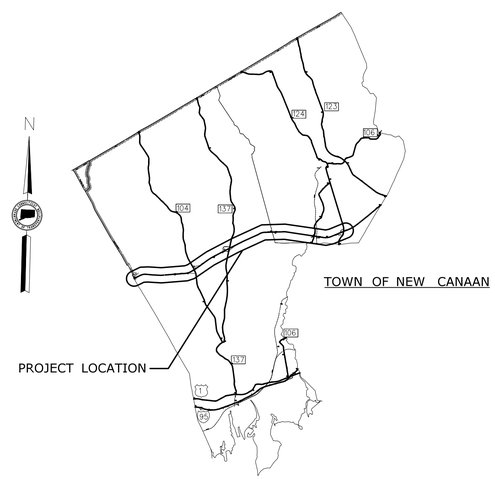
CITY OF STAMFORD
TOWN OF NEW CANAAN

ROAD	MAINTENANCE RESPONSIBILITY	LENGTH
ROUTE 15	STATE	6.5 MILES



LOCATION PLAN

NOT TO SCALE



GENERAL NOTES:

1. FEDERAL AID PROJECT NO. 0015(102)
2. CONSTRUCTION SPECIFICATIONS:
   Connecticut Department of Transportation, Standard Specifications for Roads, Bridges and Incidental Construction, Form 816, dated 2004; Supplemental Specifications, dated January 2013; and Special Provisions
3. 400 FOOT GRID BASED ON CONNECTICUT COORDINATE SYSTEM N.A.D. 1983
4. VERTICAL DATUM BASED ON NGVD OF 1929

THIS PROJECT IS COMBINED WITH THE FOLLOWING PROJECTS:
-PROJECT No. 89-125
-PROJECT No. 89-126
-PROJECT No. 135-304
-PROJECT No. 135-316
-PROJECT No. 303-007

LIST OF VOLUMES

VOLUME NO.	VOLUME TITLE	*VOLUME SHEET COUNT
01	HIGHWAY	380
02	BRIDGE	#
03	TRAFFIC	#
04	LANDSCAPE	#
05	RAILS	#

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

VOLUME 01 SUBSETS

SUBSET NO.	SUBSET TITLE	*SUBSET SHEET COUNT
01	GENERAL	009
02	REVISIONS	001
03	HIGHWAY DETAILS & MISC. INFO	026
04	HIGHWAY PLANS & SUPER DIAGRAMS	058
05	XSC STA. 5+00 TO 125+00	101
06	XSC STA. 125+50 TO 245+50	101
07	XSC STA. 246+00 TO 350+00	084

LIST OF DRAWINGS
SUBSET 01 - GENERAL

DRAWING TITLE	DRAWING NO.
TITLE SHEET	G-1
DETAIL ESTIMATE SHEETS	DET-01 TO DET-08

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 - TIMOTHY M. WILSON P.E.

APPROVED BY: TRANSPORTATION ENGINEERING ADMINISTRATOR - JAMES H. NORMAN P.E.

Plans For
MERRITT PARKWAY (ROUTE 15)
SAFETY IMPROVEMENTS, RESURFACING, ENHANCEMENTS, AND BRIDGE IMPROVEMENTS

Town(s)/City
CITY OF STAMFORD
TOWN OF NEW CANAAN

STATE PROJECT NO.
135-270

DRAWING NO. **G-1**
SHEET NO. **01.01.01**

HIGHWAY ITEMS

ITEM NUMBER		0201001	0202000	0202100A	0202130A	0202501	0202502	0202503A	0202529	0205001	0205002	0205003	0205004	0205005	0205006	0205007	0205008	0209001	0210100A	0210200A	0212000	0213100	0219001	0406159A	0406170A	0406171A	0406172A	0406173A	0406236A	0406267A	0406268A	0406286A	0406995A	0507001	0507006	0507022	0507051	0507072	0507201	0507222	0507224	0507251	0507453	0507601	0507651	0507701	0507721	0507740	0507748	0507830
ITEM		CLEARING AND GRUBBING	EARTH EXCAVATION	ROCK EXCAVATION	SCARIFY BLASTING DRILL HOLES	CUT CONCRETE PAVEMENT	REMOVAL OF CONCRETE PAVEMENT	REMOVAL OF CONCRETE CURBING	CUT BITUMINOUS CONCRETE PAVEMENT	TRENCH EXCAVATION 0'-4' DEEP	ROCK IN TRENCH EXCAVATION 0'-4' DEEP	TRENCH EXCAVATION 0'-10' DEEP	ROCK IN TRENCH EXCAVATION 0'-10' DEEP	TRENCH EXCAVATION 0'-15' DEEP	ROCK IN TRENCH EXCAVATION 0'-15' DEEP	TRENCH EXCAVATION 0'-20' DEEP	ROCK IN TRENCH EXCAVATION 0'-20' DEEP	FORMATION OF SUBGRADE	ANTI-TRACKING PAD	TEMPORARY SLOPE PROTECTION	SUBBASE	GRANULAR FILL	SEDIMENTATION CONTROL SYSTEM	PMA S0.5	HMA S1	HMA S0.5	HMA S0.375	HMA S0.25	MATERIAL FOR TACK COAT	MILLING OF HMA (0" TO 4")	MILLING OF HMA (4" TO 8")	MILLING FOR PAVEMENT TRANSITIONS	ILLUMINATION FOR NIGHT CONCRETE SLIP FORMING (MOBILE)	TYPE "C" CATCH BASIN	TYPE "C" CATCH BASIN TOP	TYPE "C" CATCH BASIN DOUBLE GRATE - TYPE II	TYPE "C" CATCH BASIN OVER 10' DEEP	TYPE "C" CATCH BASIN DOUBLE GRATE - TYPE II OVER 10' DEEP	TYPE "C-L" CATCH BASIN	TYPE "C-L" CATCH BASIN DOUBLE GRATE - TYPE II	TYPE "C-L" CATCH BASIN TOP	TYPE "C-L" CATCH BASIN OVER 10' DEEP	TYPE "CM-2" CATCH BASIN	MANHOLE	MANHOLE OVER 10' DEEP	RESET TYPE "C" CATCH BASIN	RESET TYPE "C-L" CATCH BASIN	RESET TYPE "C-M-2" CATCH BASIN	RESET TYPE "C-L" CATCH BASIN DOUBLE GRATE - TYPE II	CONVERT MANHOLE TO TYPE "C-L" CATCH BASIN
	UNIT	L.S.	C.Y.	C.Y.	L.F.	L.F.	S.Y.	L.F.	L.F.	C.Y.	C.Y.	C.Y.	C.Y.	C.Y.	C.Y.	C.Y.	C.Y.	S.Y.	S.Y.	C.Y.	C.Y.	C.Y.	L.F.	TON	TON	TON	TON	TON	GAL	S.Y.	S.Y.	S.Y.	HR	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.
PLN-01	3+00 to 10+00		413	266	563	786	21		1460	2	34	120	5	0	0	0	0	845	132	728	147	0	50	251	118	206	188	5	784	1587	0	953		2	0	0			3		0		0	0		0	1	0	0	1
PLN-02	10+00 to 20+00		1248	0		2203	64		2000	3	1	365	12	76	2	0	0	2622		1240	374	14	1490	716	394	766	537	68	2415	5917	0			3	0	2	1		6		0	1	0	1		0	3	0	0	
PLN-03	20+00 to 30+00		1358	180	410	2154	47		2110	4	35	303	2	147	3	181	2	2256	132	1181	309	8	1053	721	365	780	541	205	2456	6024	550			2	0	0			4		0	1	0	0	3	0	2	0	0	
PLN-04	30+00 to 40+00		1503	81	240	2154	47		2000	0	0	234	10	0	0	0	0	2427	66	1431	387	11	1528	716	432	771	537	7	2427	5956	0			3	0	0	1		3		0	1	0	0		0	3	0	0	
PLN-05	40+00 to 50+00		789	0		2225	71		2000	0	0	305	7	0	0	0	0	2287	132	1558	395	18	1760	716	460	777	537	111	2446	6004	0			5	0	2			3		0		0	0		0	3	0	0	
PLN-06	50+00 to 60+00		1451	0		2268	82		2000	60	15	409	13	47	0	0	0	1942	66	1016	265	4	803	728	369	805	546	38	2501	6215	586			2	0	0			13		0		2	1		0	4	2	0	
PLN-07	60+00 to 70+00		1507	0		2044	14		2021	0	0	193	6	0	0	0	0	1816	132	1348	309	3	422	767	315	889	575	13	2711	6864	0	541		2	0	0			3		0		0	1		0	0	0	0	
PLN-08	70+00 to 80+00		2646	0		2132	41		2020	0	0	346	15	47	0	0	0	2220		1560	374	7	655	857	600	962	643	3	2964	7429	0	519		6	0	0			5		0		0	2		0	0	0	0	
PLN-09	80+00 to 90+00		1088	0		2176	54		2000	0	0	373	16	0	0	0	0	1226	132	1226	224	6	50	771	114	984	771	95	2861	7224	377	313		7	0	0			6		1		0	2		0	2	0	0	
PLN-10	90+00 to 100+00		754	0		2113	36		2064	0	0	259	12	80	0	0	0	1600	132	882	261	8	871	745	146	886	539	114	2608	3590	3255	325		3	0	0		1	3	1	0		0	1		0	1	0	0	
PLN-11	100+00 to 110+00		544	0		2120	40		2198	0	0	221	6	0	0	0	0	400	132	635	37	23	1506	984	71	1252	623	29	3232	5427	4898	779		0	2	2			4	1	0		1	0		2	0	1	1	
PLN-12	110+00 to 120+00		750	0		2179	56		2000	6	2	379	14	0	0	0	0	1184	66	965	225	7	1502	1016	17	1245	762	320	3712	4759	4862	255		6	0	0			5		0		0	4		0	2	0	0	
PLN-13	120+00 to 130+00		1276	176	348	2134	41		2115	38	52	284	5	0	0	0	0	1704	132	837	240	10	248	726	169	907	545	138	2664	3575	4032			2	0	1			5		0		0	2		0	4	0	0	
PLN-14	130+00 to 140+00		1149	0		2135	36		2115	0	0	305	8	0	0	0	0	926	132	874	124	9	440	713	111	887	535	123	2643	3389	4417			3	0	1			5		0		0	1		0	2	0	0	
PLN-15	140+00 to 150+00		1167	0		2132	41		2000	0	0	290	12	0	0	0	0	1459	132	1285	124	0	575	927	50	1143	696	97	3399	4151	4678			7	0	0			2		0		0	3		0	0	0	0	
PLN-16	150+00 to 160+00		418	0		2088	27		2133	0	0	158	7	0	0	0	0	244	132	683	36	3	906	1265	47	1664	697	125	3975	7478	5378	1043		4	0	0			2		0		0	1		0	0	0	0	
PLN-17	Ramp		0	0		0	0		0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0			0	0	0			0		0		0	0		0	0	0	0	
PLN-18	160+00 to 170+00		567	0		2137	44		2244	0	0	264	8	0	0	0	0	770	132	664	80	23	1325	1083	144	1280	571	70	3015	6378	4809			2	0	2			3	1	1		0	1		0	4	0	0	
PLN-19	170+00 to 180+00		1087	0		2154	47		2000	0	0	180	9	0	0	0	0	1296		1313	220	12	1493	994	215	1116	691	75	3281	5679	2946	406		6	0	0			4		2		0	1		0	3	0	0	
PLN-20	180+00 to 190+00		2434	858	2153	2176	54		2000	0	66	195	59	0	0	0	0	2127	66	1641	374	10	375	733	387	792	550	14	2475	3184	2936			6	0	0			6		0		0	1		0	2	0	0	
PLN-21	190+00 to 200+00		1269	0		2154	47		2111	62	16	167	4	0	0	0	0	2104	66	1156	287	3	676	723	371	777	543	61	2461	3033	3543			1	0	0			6		1		0	0		0	6	0	0	
PLN-22	200+00 to 210+00		916	0		2222	68		2000	0	0	333	10	0	0	0	0	2329		1308	359	15	1803	723	445	773	542	123	2432	2999	2971			6	0	0			3		0		1	1		0	2	1	0	
PLN-23	210+00 to 220+00		900	0		2154	47		2000	0	0	207	6	0	0	0	0	2356	132	1381	387	20	1696	716	438	766	537	149	2429	2965	2955			5	0	0			4		0		0	0		0	3	0	0	
PLN-24	220+00 to 230+00		1109	0		2220	67		2000	0	0	312	8	0	0	0	0	2345		1393	376	10	1326	716	397	764	537	166	2409	2955	2950			5	0	0			6		0		0	0		0	4	0	0	
PLN-25	230+00 to 240+00		1312	0		2159	51		2000	0	0	245	8	0	0	0	0	2205	132	1550	379	10	1081	716	410	763	537	15	2424	4138	1757			2	0	2			4		0		0	0		0	3	0	0	
PLN-26	240+00 to 250+00		1731	0		2044	14		2116	0	0	160	6	0	0	0	0	2202		1374	305	5	601	722	352	769	542	11	2429	5943	573			2	0	0			2		1		0	2		0	1	0	0	
PLN-27	250+00 to 260+00		1544	0		2112	35		2000	0	0	437	7	0	0	0	0	2188	132	1336	321	0	0	724	403	770	543	229	2447	5952	0			1	0	0			6		0		1	1		0	2	1	0	
PLN-28	260+00 to 270+00		2247	0		2154	47		2000	0	0	236	10	0	0	0	0	2200		1541	372	7	426	716	387	761	537	13	2402	5879	0			6	0	0			6		0		0	1		0	1	0	0	
PLN-29	270+00 to 280+00		1357	0		2198	61		2000	0	0	183	8	0	0	0	0	2206	66	1455	372	15	1603	716	388	752	537	22	2406	5808	0			6	0	0			5		0		0	1		0	3	0	0	
PLN-30	280+00 to 290+00		1251	0		2198	61		2000	0	0	261	9	0	0	0	0	2143	132	1248	373	12	1806	719	396	780	539	16	2451	6022	0			6	0	0			4		0		0	0		0	3	0	0	
PLN-31	290+00 to 300+00		370	223		2385	120		2383	1	1	335	13	0	0	0	0	1129	132	742	92	20	1790	1454	234	1676	764	50	4010	12948	650	1829		8	5	0			3	2	2		3	0		5	3	3	2	
PLN-32	300+00 to 310+00		947	481		2398	121		2107	18	141	768	32	0	0	0	0	1229	132	845	171	3	168	837	394	914	628	23	2851	7064	940			10	0	0			10		0		1	3		6	2	1	0	
PLN-33	310+00 to 320+00		1755	37		2290	89		2117	3	7	5202	12	104	0	0	0	1935	132	561	230	0	0	729	434	1080	547	104	2936	8345	566			8	0	0			8		0		2	1		4	3	2	0	
PLN-34	320+00 to 330+00		1620	0		2022	7		2000	1	1	54	54	0	0	0	0	2468	132	1475	386	6	439	740	441	803	555	132	2531	6207	0			1	0	0			1		0		0	0		0	0	0	0	
PLN-35	330+00 to 340+00		451	0		2156	48		2044	1	1	214	0	0	0	0	0	837	132	1074	153	16	1329	1227	41	1447	754	147	3803	11178	0	694		6	2	0			2		1		0	1		2	1	0	0	
PLN-36	340+00 to 350+00		774	0		1520	0		2322	0	0	0	0	0	0	0	0	891	132	464	104	11	665	1235	131	1567	624	33	3919	12108	733	1772		0	0	0			0		0		0	0		0	0	0	0	
PLN-37	Ramp		20	0		0	0		93	0	0	0	0	0	0	0	0	0		0	0	5	0	222	0	250	0	0	193	1930	0			0	0	0			0		0		0	0		0	0	0	0	
																																2400																		
SUBTOTAL		L.S.	41722	2302	3714	73896	1746	0	71773	199	372	14297	413	501	5	181	2	60118	3300	39970	9172	334	32461	29064	10186	33524	20350	2944	97102	206304	61362	9429	2400	144	9	12	2	1	155	5	9	3	11	33	3	19	73	11	3	1
UNASSIGNED			2088	238	186	3704	184	0	3597	11	28	723	27	29	1	9	1	3012	165	2000	918	26	1629	1456	514	1676	1020	156	7298	10316	3068	471	120	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL		L.S.	43810	2540	3900	77600	1930	0	75370	210	400	15020	440	530	6	190	3	63130	3465	41970	10090	360	34090	30520	10700	35200	21370	3100	104400	216620	64430	9900	2520	144	9	12	2	1	155	5	9	3	11	33	3	19	73	11	3	1

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: 2/20/2013

DESIGNER/DRAFTER: SN

CHECKED BY: MSC

SCALE IN FEET 0 40 80

SCALE 1"=40'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\HW_MST_0135_0270_EST-01.dgn

SIGNATURE/ BLOCK:

OFFICE OF ENGINEERING

APPROVED BY:

PROJECT TITLE:

MERRITT PARKWAY (ROUTE 15)
SAFETY IMPROVEMENTS, RESURFACING, ENHANCEMENTS AND BRIDGE IMPROVEMENTS

TOWN: STAMFORD NEW CANAAN

DRAWING TITLE: DETAILED ESTIMATE SHEET

PROJECT NO. 135-270

DRAWING NO. DET-01

SHEET NO.

HIGHWAY ITEMS

ITEM NUMBER		0601192A	0651001	0651011	0651012	0651013	0651015	0651017	0651019	0651270A	0653001	0653100	0703010	0703011	0703012	0714020	0755009	0751711	0811014A	0811101	0813451	0821012A	0822001	0822002	0910050A	0910051A	0910052A	0910053A	0910054A	0910055A	0910058A	0910059A	0910170	0910173	0910186	0911475A	0911476A	0911477A	0911478A	0911923	0912104A	0912496	0912499	0912503
ITEM		SURFACE PATCH	BEDDING MATERIAL	12" R.C. PIPE	15" R.C. PIPE	18" R.C. PIPE	24" R.C. PIPE	30" R.C. PIPE	36" R.C. PIPE	CONCRETE PIPE CONNECTION	CLEAN EXISTING CATCH BASIN	CLEAN EXISTING CULVERT - 12" TO 42" DIAMETER	STANDARD RIPRAP	INTERMEDIATE RIPRAP	MODIFIED RIPRAP	TEMPORARY SHEET PILING	GEOTEXTILE	6" UNDERDRAIN	MERRITT PARKWAY CONCRETE CURBING	CONCRETE PARK CURBING	GRANITE STONE TRANSITION CURBING	MERRITT PARKWAY MEDIAN BARRIER	TEMPORARY PRECAST CONCRETE BARRIER CURB	RELOCATED TEMPORARY PRECAST CONCRETE BARRIER CURB	STATE FURNISHED GUIDERAIL	MERRITT PARKWAY MEDIAN GUIDERAIL	MERRITT PARKWAY GUIDERAIL	MERRITT PARKWAY GUIDERAIL REPLACEMENT PARTS	MERRITT PARKWAY GUIDERAIL SYSTEM 2	MERRITT PARKWAY GUIDERAIL SYSTEM 3	MERRITT PARKWAY GUIDERAIL LEADING END ATTACHMENT	MERRITT PARKWAY GUIDERAIL TRAILING END ATTACHMENT	METAL BEAM RAIL (TYPE R-B 350)	R-B 350 BRIDGE ATTACHMENT - VERTICAL SHAPED PARAPET	R-B 350 BRIDGE ATTACHMENT - TRAILING END	MERRITT PARKWAY MEDIAN GUIDERAIL END ANCHORAGE	MERRITT PARKWAY END ANCHORAGE TYPE I	MERRITT PARKWAY END ANCHORAGE TYPE II	MERRITT PARKWAY END ANCHORAGE TYPE III	R-B END ANCHORAGE-TYPE I	DRILLING HOLE FOR GUIDE RAIL POST	REMOVE WOOD RAIL	REMOVE CABLE GUIDE RAIL	REMOVE METAL BEAM RAIL
	UNIT	S.F.	C.Y.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	EA.	EA.	L.F.	C.Y.	C.Y.	C.Y.	S.F.	S.Y.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.S.	L.F.	L.F.	EA.	EA.	L.F.	EA.	EA.	EA.	EA.	EA.	EA.	L.F.	L.F.	L.F.	L.F.
PLN-01	3+00 to 10+00		3	8	40	0	0	0	0	4	1	145	0	0	0	564	0	200	700	0	0	0	1400	1400		0	1704		0	0	0	0	0	0	0	0	1	1		0	36	0	0	685
PLN-02	10+00 to 20+00		14	0	184	12	0	0	0	14	3	805	8	15	11	1525	75	0	1970	0	0	0	2000	2000		0	3435		0	0	0	0	0	0	0	0	4	0		0	0	0	1185	1690
PLN-03	20+00 to 30+00		27	310	24	20	28	0	8	12	2	730	4	10	6	3966	41	300	1450	0	0	255	2000	2000		0	2810		120	80	2	2	0	0	0	5	1		0	20	0	530	1000
PLN-04	30+00 to 40+00		18	0	40	40	0	0	0	9	3	300	6	13	9	1243	61	0	1980	0	0	0	2000	2000		0	3225		90	0	0	0	0	0	0	8	0		0	10	0	880	1850
PLN-05	40+00 to 50+00		12	0	160	4	0	0	0	9	3	335	10	19	15	2004	102	0	1955	0	0	0	2000	2000		0	3490		160	0	0	0	0	0	0	1	2		0	0	0	1445	1995
PLN-06	50+00 to 60+00		19	156	74	44	4	4	0	21	4	1220	2	7	3	2141	21	90	1310	0	30	345	2000	2000		0	1670		0	0	4	2	0	0	0	3	0		0	0	0	0	1515
PLN-07	60+00 to 70+00		7	0	100	4	0	0	0	6	0	560	2	7	3	330	17	0	2000	0	0	0	2000	2000		0	2500		0	0	0	0	0	0	0	1	1		0	0	0	0	1000
PLN-08	70+00 to 80+00		14	0	167	8	12	0	0	13	0	1250	4	10	6	1010	39	0	1970	0	0	0	2000	2000		0	2590		0	0	0	0	0	0	0	3	1		0	0	0	545	1820
PLN-09	80+00 to 90+00		13	8	168	0	16	0	0	16	2	910	3	9	5	1345	30	0	1970	0	0	0	2000	2000		0	2465		0	0	0	0	0	0	0	2	0		0	0	0	190	1650
PLN-10	90+00 to 100+00		10	0	38	12	61	0	0	12	1	600	5	11	7	995	44	0	1770	0	0	107		4000		0	2475		0	0	1	1	0	0	0	2	0		0	0	140	550	1080
PLN-11	100+00 to 110+00		4	0	55	0	0	0	0	7	2	585	13	23	19	1009	129	0	1406	0	60	288		4000		0	4435		0	0	3	3	0	0	0	11	0		0	0	0	2835	1825
PLN-12	110+00 to 120+00		12	134	134	8	16	0	0	14	2	1130	4	10	6	1333	39	0	1969	0	0	0		4000		0	2498		0	0	0	0	0	0	0	5	0		0	0	0	560	1000
PLN-13	120+00 to 130+00		18	222	51	0	12	0	0	8	4	700	6	12	8	948	51	510	1336	0	40	335		4000		0	1890		0	0	4	2	0	0	0	2	3		0	10	0	325	2155
PLN-14	130+00 to 140+00		12	0	45	0	80	0	0	9	2	450	5	11	7	1067	48	0	1508	0	50	235		4000		0	2150		0	0	4	3	0	0	0	3	0		0	0	0	355	1537
PLN-15	140+00 to 150+00		8	0	79	20	12	0	0	12	0	880	0	0	0	999	0	0	1964	0	0	0		4000		0	2720		0	0	0	0	0	0	0	3	0		0	0	0	550	1720
PLN-16	150+00 to 160+00		5	0	52	8	4	0	0	5	0	660	2	8	3	630	17	0	1980	0	0	0		4000		0	2460		0	0	0	0	0	0	0	3	0		0	0	0	0	2910
PLN-17	Ramp		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	890	1970		0	0	0	0	0	0	0	4	0		0	0	0	1030	1150
PLN-18	160+00 to 170+00		5	0	49	4	8	0	0	9	4	500	12	22	18	1087	119	0	1757	0	60	160		4000	95	3920		0	0	4	4	0	0	0	1	5	0		0	0	0	640	2710
PLN-19	170+00 to 180+00		10	0	117	12	4	0	0	13	3	910	7	14	10	1048	68	0	1969	0	0	0	1300	2700		0	3915		0	0	0	0	0	0	0	3	0		0	0	0	735	2090
PLN-20	180+00 to 190+00		18	0	133	12	0	0	0	13	2	535	6	12	8	1265	55	475	1969	0	0	0	2000	2000		0	3270		10	70	0	0	0	0	0	3	1		0	118	0	130	2000
PLN-21	190+00 to 200+00		14	156	61	4	0	0	0	7	6	465	2	7	3	933	17	0	1536	0	40	220	2000	2000		0	2255		0	0	3	1	0	0	0	1	1		0	0	0	630	1489
PLN-22	200+00 to 210+00		8	0	80	24	0	0	0	11	2	650	8	16	12	1901	82	0	1855	0	0	55	2000	2000		0	2485		0	0	1	1	0	0	0	1	1		0	0	0	375	2055
PLN-23	210+00 to 220+00		6	32	41	12	0	0	0	8	3	480	11	20	16	1010	109	0	1972	0	0	0	2000	2000		0	2960		0	0	0	0	0	0	0	5	0		0	0	0	145	1300
PLN-24	220+00 to 230+00		11	47	48	50	0	0	0	12	4	310	6	12	8	1646	55	0	1969	0	0	0	2000	2000		0	2910		0	0	0	0	0	0	0	2	2		0	0	0	500	1144
PLN-25	230+00 to 240+00		13	0	75	8	0	0	0	8	3	125	6	12	8	1242	55	0	1970	0	0	0	2000	2000		0	2795		150	0	0	0	0	0	0	2	0		0	0	0	948	1432
PLN-26	240+00 to 250+00		5	0	26	17	16	0	0	8	1	885	3	8	4	326	28	0	1610	0	40	190	2000	2000		0	2416		60	0	3	1	0	0	0	1	2		0	0	0	575	1528
PLN-27	250+00 to 260+00		10	62	57	20	4	0	0	12	2	690	0	0	0	898	0	325	1760	0	0	120	1600	2400		0	1940		0	0	1	1	0	0	0	1	0		0	0	0	0	1285
PLN-28	260+00 to 270+00		12	0	144	18	0	0	0	14	1	580	4	9	5	986	34	0	1967	0	0	0	400	3600		0	2460		0	0	1	0	0	0	0	2	2		0	0	0	480	1300
PLN-29	270+00 to 280+00		8	0	98	12	4	0	0	11	3	420	8	16	12	1276	82	0	1970	0	0	0		4000		0	2320		0	0	1	0	0	0	0	2	1		0	0	0	210	2000
PLN-30	280+00 to 290+00		9	0	103	14	0	0	0	11	3	200	7	15	10	1316	68	0	1967	0	0	0		4000		0	2290		0	0	2	0	0	0	0	3	1		0	0	0	220	1775
PLN-31	290+00 to 300+00		20	127	154	8	0	0	0	16	8	800	10	20	15	2629	102	0	823	0	20	565		4000		0	2910		0	0	2	1	0	0	0	4	0		0	0	0	0	2398
PLN-32	300+00 to 310+00		36	103	147	0	166	4	0	24	8	1010	2	7	3	2883	17	980	1157	1169	70	385		4000		0	1735		1169	0	4	4	0	0	0	0	0		0	467	0	0	1240
PLN-33	310+00 to 320+00		65	62	101	213	228	0	0	18	7	830	0	0	0	2233	0	40	1519	1240	40	245		4000		0	2307		500	0	4	3	0	0	0	0	0		0	200	0	0	1496
PLN-34	320+00 to 330+00		2	0	27	4	0	0	0	3	0	235	3	8	4	146	28	0	2000	0	0	0		4000		0	2545		0	0	0	0	0	0	0	4	1		0	0	0	0	1932
PLN-35	330+00 to 340+00		5	24	38	4	8	0	0	6	3	1065	9	18	13	1082	88	0	1973	0	0	0		4000		0	3675		0	0	0	0	0	0	0	4	2		0	0	0	542	1428
PLN-36	340+00 to 350+00		0	0	0	0	0	0	0	0	0	330	6	14	9	0	61	0	876	0	50	296		4000		0	1796		0	0	3	1	50	1	1	0	6	1		0	0	0	0	1948
PLN-37	Ramp		0	0	0	0	0	0	0	0	0	105	3	8	4	0	28	0	0	0	0	0				0	495		0	0	0	0	25	0	0	0	2	0		2	0	0	0	693
																									3350		-3350																	
																											subtract state furnished guiderail																	
SUBTOTAL		0	453	1451	2910	616	683	8	8	375	92	22385	187	403	270	45016	1810	2920	59857	2409	500	3801	34700	104100	3350	985	92536	L.S.	2259	150	47	30	75	1	1	1	112	26	0	2	861	140	17110	59825	0
UNASSIGNED		0	27	79	150	34	37	1	1	25	8	1125	13	27	20	1134	100	300	1503	121	30	99	1740	5210	0	55	4634		121	10	0	0	5	0	0	0	0	0	0	0	49	10	860	2995	0
TOTAL		0	480	1530	3060	650	720	9	9	400	100	23510	200	430	290	46150	1910	3220	61360	2530	530	3900	36440	109310	3350	1040	97170	L.S.	2380	160	47	30	80	1	1	1	112	26	0	2	910	150	17970	62820	0

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
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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: 2/20/2013

DESIGNER/DRAFTER: SN
CHECKED BY: MSC
SCALE IN FEET 0 40 80
SCALE 1"=40'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\HW_MST_0135_0270_EST-02.dgn

SIGNATURE/BLOCK: OFFICE OF ENGINEERING
APPROVED BY:

PROJECT TITLE: MERRITT PARKWAY (ROUTE 15) SAFETY IMPROVEMENTS, RESURFACING, ENHANCEMENTS AND BRIDGE IMPROVEMENTS

TOWN: STAMFORD NEW CANAAN

DRAWING TITLE: DETAILED ESTIMATE SHEET

PROJECT NO. 135-270
DRAWING NO. DET-02
SHEET NO.

HIGHWAY ITEMS

		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
ITEM NUMBER						0939001	0943001	0944004	0950019A	0950013	0950010	0969000A	0969066A	0975002	0980001A	1801000	1801001	1801002	1801003	1801004
ITEM						SWEEPING FOR DUST CONTROL	WATER FOR DUST CONTROL	FURNISHING AND PLACING TOPSOIL	TURF ESTABLISHMENT - LAWN	EROSION CONTROL MATTING	TEMPORARY SEEDING	PROJECT COORDINATOR	CONSTRUCTION FIELD OFFICE, EXTRA LARGE	MOBILIZATION	CONSTRUCTION STAKING	REPAIR OF IMPACT ATTENUATION SYSTEM TYPE A MODULE 200 LB.	REPAIR OF IMPACT ATTENUATION SYSTEM TYPE A MODULE 400 LB.	REPAIR OF IMPACT ATTENUATION SYSTEM TYPE A MODULE 700 LB.	REPAIR OF IMPACT ATTENUATION SYSTEM TYPE A MODULE 1400 LB.	REPAIR OF IMPACT ATTENUATION SYSTEM TYPE A MODULE 2100 LB.
UNIT						HR	M.GA	S.Y.	S.Y.	S.Y.	S.Y.	L.S.	MO.	L.S.	L.S.	EA.	EA.	EA.	EA.	EA.
PLN-01	3+00 to 10+00						33	2909	2909											
PLN-02	10+00 to 20+00						116	4959	4959											
PLN-03	20+00 to 30+00						103	4721	4721											
PLN-04	30+00 to 40+00						102	5723	5723											
PLN-05	40+00 to 50+00						98	6230	6230											
PLN-06	50+00 to 60+00						99	4062	4062											
PLN-07	60+00 to 70+00						70	5392	5392											
PLN-08	70+00 to 80+00						99	6239	6239											
PLN-09	80+00 to 90+00						23	4903	4903											
PLN-10	90+00 to 100+00						39	3527	3527											
PLN-11	100+00 to 110+00						22	2540	2540											
PLN-12	110+00 to 120+00						0	3858	3858											
PLN-13	120+00 to 130+00						54	3348	3348											
PLN-14	130+00 to 140+00						33	3493	3493											
PLN-15	140+00 to 150+00						10	5139	5139											
PLN-16	150+00 to 160+00						10	2731	2731											
PLN-17	Ramp						0	0	0											
PLN-18	160+00 to 170+00						44	2654	2654											
PLN-19	170+00 to 180+00						49	5249	5249											
PLN-20	180+00 to 190+00						85	6560	6560											
PLN-21	190+00 to 200+00						99	4624	4624											
PLN-22	200+00 to 210+00						108	5231	5231											
PLN-23	210+00 to 220+00						100	5521	5521											
PLN-24	220+00 to 230+00						99	5569	5569											
PLN-25	230+00 to 240+00						92	6200	6200											
PLN-26	240+00 to 250+00						100	5494	5494											
PLN-27	250+00 to 260+00						103	5340	5340											
PLN-28	260+00 to 270+00						92	6162	6162											
PLN-29	270+00 to 280+00						92	5819	5819											
PLN-30	280+00 to 290+00						85	4991	4991											
PLN-31	290+00 to 300+00						74	2966	2966											
PLN-32	300+00 to 310+00						86	3379	3379											
PLN-33	310+00 to 320+00						123	2241	2241											
PLN-34	320+00 to 330+00						105	5898	5898											
PLN-35	330+00 to 340+00						8	4294	4294											
PLN-36	340+00 to 350+00						39	1852	1852											
PLN-37	Ramp						0	0	0											
						2800							24			30	15	30	40	24
								-14984 subtract mulched areas	-14984											
SUBTOTAL		0	0	0	0	2800	2494.2	144830	144830	0	0	L.S.	24	L.S.	L.S.	30	15	30	40	24
UNASSIGNED		0	0	0	0	140	125	7242	7242	0	0	######	1	######	######	2	1	2	2	1
TOTAL		0	0	0	0	2940	2619	152072	152072	0	0	L.S.	25	L.S.	L.S.	32	16	32	42	25

		P	P	P	P	P	P	P	P	P	P	P	P
ITEM NUMBER								1807010	1807011	1807012	1807013	1807014	1807101
ITEM								TEMPORARY IMPACT ATTENUATION SYSTEM TYPE A MODULE 200 LB	TEMPORARY IMPACT ATTENUATION SYSTEM TYPE A MODULE 400 LB	TEMPORARY IMPACT ATTENUATION SYSTEM TYPE A MODULE 700 LB	TEMPORARY IMPACT ATTENUATION SYSTEM TYPE A MODULE 1400 LB	TEMPORARY IMPACT ATTENUATION SYSTEM TYPE A MODULE 2100 LB	RELOCATION OF TEMPORARY IMPACT ATTENUATION SYSTEM TYPE A
UNIT								EA.	EA.	EA.	EA.	EA.	EA.
PLN-01	3+00 to 10+00							4	2	6	8	4	2
PLN-02	10+00 to 20+00												
PLN-03	20+00 to 30+00							4	2	6	8	4	
PLN-04	30+00 to 40+00												
PLN-05	40+00 to 50+00												
PLN-06	50+00 to 60+00												
PLN-07	60+00 to 70+00							4	2	6	8	4	
PLN-08	70+00 to 80+00												
PLN-09	80+00 to 90+00							4	2	6	8	4	2
PLN-10	90+00 to 100+00												
PLN-11	100+00 to 110+00												2
PLN-12	110+00 to 120+00												
PLN-13	120+00 to 130+00							2	1	3	4	2	4
PLN-14	130+00 to 140+00												1
PLN-15	140+00 to 150+00							2	1	3	4	2	4
PLN-16	150+00 to 160+00												
PLN-17	Ramp												
PLN-18	160+00 to 170+00												2
PLN-19	170+00 to 180+00												
PLN-20	180+00 to 190+00							4	2	6	8	4	2
PLN-21	190+00 to 200+00												
PLN-22	200+00 to 210+00												
PLN-23	210+00 to 220+00												
PLN-24	220+00 to 230+00												
PLN-25	230+00 to 240+00												
PLN-26	240+00 to 250+00							4	2	6	8	4	2
PLN-27	250+00 to 260+00												
PLN-28	260+00 to 270+00							4	2	6	8	4	3
PLN-29	270+00 to 280+00												
PLN-30	280+00 to 290+00												
PLN-31	290+00 to 300+00												
PLN-32	300+00 to 310+00							4	2	6	8	4	3
PLN-33	310+00 to 320+00												
PLN-34	320+00 to 330+00												
PLN-35	330+00 to 340+00												
PLN-36	340+00 to 350+00							4	2	6	8	4	3
PLN-37	Ramp												
SUBTOTAL		0	0	0	0	0	0	40	20	60	80	40	30
UNASSIGNED		0	0	0	0	0	0	2	1	3	4	2	2
TOTAL		0	0	0	0	0	0	42	21	63	84	42	32

	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
SUBTOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UNASSIGNED	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
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Plotted Date: 2/20/2013

DESIGNER/DRAFTER: SN
CHECKED BY: MSC
SCALE IN FEET 0 40 80
SCALE 1"=40'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\HW_MST_0135_0270_EST-03.dgn

SIGNATURE/BLOCK:
OFFICE OF ENGINEERING
APPROVED BY:

PROJECT TITLE:
MERRITT PARKWAY (ROUTE 15)
SAFETY IMPROVEMENTS, RESURFACING, ENHANCEMENTS AND BRIDGE IMPROVEMENTS

TOWN:
STAMFORD
NEW CANAAN

DRAWING TITLE:
DETAILED ESTIMATE SHEET

PROJECT NO. 135-270
DRAWING NO. DET-03
SHEET NO.

NOTICE TO BRIDGE INSPECTORS

THE DEPARTMENT'S BRIDGE SAFETY PROCEDURES REQUIRE THIS BRIDGE TO BE INSPECTED FOR, BUT NOT LIMITED TO, ALL APPROPRIATE COMPONENTS INDICATED IN THE GOVERNING MANUALS FOR BRIDGE INSPECTION. ATTENTION MUST BE GIVEN TO INSPECTING THE FOLLOWING SPECIAL COMPONENTS AND DETAILS. THE LISTING FOR COMPONENTS FOR SPECIFIC ATTENTION SHALL NOT BE CONSTRUCTED TO REDUCE THE IMPORTANCE OF INSPECTION OF ANY OTHER COMPONENT OF THE STRUCTURE. THE FREQUENCY OF INSPECTION OF THIS STRUCTURE SHALL BE IN ACCORDANCE WITH THE GOVERNING MANUALS FOR BRIDGE INSPECTION, UNLESS OTHERWISE DIRECTED BY THE MANAGER OF BRIDGE SAFETY AND EVALUATION.

COMPONENT OR DETAIL	BRIDGE SHEET REFERENCE
FOLLOW NORMAL INSPECTION PROCEDURES	-

INSPECTION OF FIELD WELDS		
METHOD	UNIT	AMOUNT
ULTRASONIC	IN	0
MAGNETIC PARTICLE	FT	0

CONCRETE DISTRIBUTION		
ITEM	UNIT	AMOUNT
SUPERSTRUCTURE	FT^3	-
SUBSTRUCTURE	FT^3	-
FOOTINGS	FT^3	-
TOTAL	FT^3	-

PROJECT	SITE LOCATION	202479A REMOVAL OF HMA WEARING SURFACE S.Y.	202501 CUT CONCRETE PAVEMENT L.F.	202502 REMOVAL OF CONCRETE PAVEMENT S.Y.	202529 CUT BITUMINOUS CONCRETE PAVEMENT L.F.	406171A HMA S0.5 TON	406236 MATERIAL FOR TACK COAT GAL	502352A CLEAN HISTORIC CONCRETE BRIDGE (SITE NO. 3) L.S.	502353A CLEAN HISTORIC CONCRETE BRIDGE (SITE NO. 4) L.S.	502354A CLEAN HISTORIC CONCRETE BRIDGE (SITE NO. 5) L.S.	502355A CLEAN HISTORIC CONCRETE BRIDGE (SITE NO. 6) L.S.	502356A CLEAN HISTORIC CONCRETE BRIDGE (SITE NO. 7) L.S.	502359A CLEAN HISTORIC CONCRETE BRIDGE (SITE NO. 9) L.S.	502359A CLEAN HISTORIC CONCRETE BRIDGE (SITE NO. 11) L.S.	503275A RESTORATION OF METAL FEATURES L.S.	503307A CLASS 'S' CONCRETE C.F.	601073A VARIABLE DEPTH PATCH C.F.	601196A CLASS 'F' CONCRETE C.Y.	601201 PARTIAL DEPTH PATCH C.F.	601318A CLASS 'S' CONCRETE FOR HISTORIC BRIDGES C.F.	601425A RESTORATION OF ORNAMENTAL HISTORIC CONCRETE C.F.	601885A COLOR MATCHING OF CONCRETE EA.	601887A COLOR-MATCHED COATING FOR CONCRETE S.F.	601888A COLOR-MATCHED STAIN FOR CONCRETE S.F.	601890A COLOR-MATCHED CRACK SEALANT FOR CONCRETE L.F.	601892A VARIABLE DEPTH PATCH FOR HISTORIC CONCRETE BRIDGES C.F.	601893A REMOVAL OF GRAFFITI FROM HISTORIC CONCRETE S.F.	601895A TESTING AND ANALYSIS OF HISTORIC CONCRETE EA.	601988A DEFORMED STEEL BARS LB	602000 DRILLING HOLES AND GROUTING DOWELS EA.	602910A REPOINTED MASONRY S.Y.	609001A MEMBRANE WATERPROOFING (WOVEN GLASS FABRIC) S.Y.	707001 MEMBRANE WATERPROOFING (COLD LIQUID ELASTOMERIC) S.Y.	707009A MERRITT PARKWAY MEDIAN BARRIER (BRIDGE) L.F.	821013A MERRITT PARKWAY BARRIER L.F.	821019A PRECAST CONCRETE ENDBLOCK EA.	821995A TEMPORARY PRECAST CONCRETE BARRIER CURB L.F.	822001A RELOCATED TEMPORARY PRECAST CONCRETE BARRIER CURB L.F.	822002A TWO TUBE RETROFIT BRIDGE RAIL L.F.	904050A REMOVAL OF EXISTING MASONRY - LIMITED METHODS C.Y.	897405 2A TEMPORARY IMPACT ATTENUATION SYSTEM TYPE A MODULE 700 LB EA.	1807012 TEMPORARY IMPACT ATTENUATION SYSTEM TYPE A MODULE 1400 LB EA.	1807013 TEMPORARY IMPACT ATTENUATION SYSTEM TYPE A MODULE 2100 LB EA.	1807014 RELOCATION OF TEMPORARY IMPACT ATTENUATION SYSTEM TYPE A EA.	1807101				EMBEDDED GALVANIC ANODES EA.
135-270	SITE NO. 3: BRG 00703 - MP OVER RTE. 104 (LONG RIDGE RD.)	85	250	85	250	-	-	L.S.	-	-	-	-	-	-	-	-	-	22	-	6	2	3	-	-	15	10	-	1	9000	820	-	-	-	93	-	-	-	-	241	-	-	-	-	-	-	-	-	-	-
	SITE NO. 4: BRG 00704 - MP UNDER WIRE MILL RD.	350	-	-	165	77	10	-	L.S.	-	-	-	-	-	-	-	-	-	55	90	-	4	-	-	15	10	-	1	-	24	-	-	260	-	78	-	180	180	-	-	2	8	4	2	-	-	-	-	325
	SITE NO. 5: BRG 00705 - MP OVER RIPPOWAM RIVER	145	-	-	58	-	-	-	-	L.S.	-	-	-	-	-	-	-	9	-	-	-	2	-	-	15	10	-	1	2625	200	10	-	-	-	-	2	-	-	73	6	-	-	-	-	-	-	-	-	-
	SITE NO. 6: BRG 00706 - MP OVER RTE. 137 (HIGH RIDGE RD.)	-	-	-	-	-	-	-	-	-	L.S.	-	-	-	L.S.	-	2	1	-	5	-	3	-	6800	15	8	-	1	-	140	-	-	-	65	-	2	-	-	-	3	-	-	-	-	-	-	-	-	8
	SITE NO. 7: BRG 00707 - MP UNDER NEWFIELD AVE.	-	-	-	-	-	-	-	-	-	-	-	L.S.	-	-	-	2	3	-	2	-	3	-	-	15	7	150	1	-	24	-	-	-	-	72	-	-	-	-	-	-	-	-	-	-	-	-	-	15
	SITE NO. 9: BRG 00709 - MP OVER RTE. 106 (OLD STAMFORD RD.)	-	-	-	-	-	-	-	-	-	-	-	-	L.S.	-	-	57	7	12	-	30	-	2	-	-	3	-	1	80	134	-	-	-	86	-	-	-	-	-	-	-	-	-	-	-	-	-	320
	SITE NO. 11: BRG 05810 - MP UNDER LAPHAM RD.	-	-	-	-	-	-	-	-	-	-	-	-	L.S.	-	25	1	-	-	66	-	3	-	1250	-	9	20	1	-	24	-	-	-	-	72	-	-	-	-	-	-	-	-	-	-	-	-	99

GENERAL NOTES

SPECIFICATIONS: CONNECTICUT DEPARTMENT OF TRANSPORTATION FORM 816 (2004), SUPPLEMENTAL SPECIFICATIONS DATED JULY, 2012 AND SPECIAL PROVISIONS.

DESIGN SPECIFICATIONS: AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS (2010), AS SUPPLEMENTED BY THE CONNECTICUT DEPARTMENT OF TRANSPORATAION BRIDGE DESIGN MANUAL 2003 AND MERRITT PARKWAY BRIDGE RESTORATION GUIDE (2002).

MATERIAL PROPERTIES:

CLASS 'S' CONCRETE: F'C=4000 PSI
CLASS 'S' CONCRETE FOR HISTORIC BRIDGES: F'C=3000 PSI
CLASS 'F' CONCRETE: F'C=4400 PSI
REINFORCEMENT: ASTM A615 GRADE 60, FY=60 KSI

FUTURE PAVING ALLOWANCE: NONE

TRAFFIC: ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE SPECIAL PROVISIONS 'MAINTENANCE AND PROTECTION OF TRAFFIC' AND 'PROSECUTION AND PROGRESS'

SALVAGE: NONE

UTILITIES: THE CONTRACTOR SHALL COORDINATE WITH LOCAL UTILITIES BEFORE BRIDGE WORK BEGINS. UTILITIES SHALL BE LOCATED AT EACH BRIDGE. UTILITY REPRESENTATIVES SHALL BE PRESENT WHEN REQUESTED. REFER TO NOTICE TO CONTRACTOR.

DIMENSIONS: ALL DIMENSIONS SHOWN ON THE PLANS ARE IN FEET AND INCHES UNLESS NOTED OTHERWISE. ALL ELEVATIONS ARE GIVEN IN FEET. WHEN ELEVATIONS ARE GIVEN TO LESS THAN THREE DECIMAL PLACES, THE OMITTED DIGITS SHALL BE ASSUMED TO BE ZEROS.

EXISTING DIMENSIONS: THE DIMENSIONS SHOWN ARE APPROXIMATE AND ARE NOT GUARANTEED. THE CONTRACTOR SHALL TAKE ALL FIELD MEASUREMENTS NECESSARY AND SHALL ASSUME FULL RESPONSIBILITY FOR THEIR ACCURACY.

EXPOSED EDGES: EXPOSED EDGES OF CONCRETE SHALL BE BEVELED 1" X 1" UNLESS DIMENSIONED OTHERWISE.

CONCRETE COVER: ALL REINFORCEMENT SHALL HAVE 2" COVER UNLESS DIMENSIONED OTHERWISE.

REINFORCEMENT: ALL REINFORCEMENT SHALL CONFORM TO THE REQUIREMENTS OF ASTM A615, GRADE 60.

ALL REINFORCEMENT SHALL BE UNCOATED. THE COST OF FURNISHING AND PLACING THIS REINFORCEMENT SHALL BE INCLUDED IN THE ITEM "DEFORMED STEEL BARS".

CONSTRUCTION JOINTS: CONSTRUCTION JOINTS, OTHER THAN THOSE SHOWN ON THE PLANS, WILL NOT BE PERMITTED WITHOUT THE PRIOR APPROVAL OF THE ENGINEER.

BITUMINOUS CONCRETE OVERLAY: THE STRUCTURE OF THE PAVEMENT ON BRIDGES SHALL CONSIST OF HMA S0.5 INCH EXCEPT AT THE RIPPOWAM RIVER BRIDGE, WHICH SHALL CONSIST OF TYPICAL PARKWAY CROSS-SECTION

TRAFFIC CONTROL ON BRIDGE: THE CONTRACTOR SHALL NOTIFY THE CITY OF STAMFORD OF HIS INTENTION TO ESTABLISH STOP-CONTROLLED ALTERNATING ONE-WAY TRAFFIC AT THE WIRE MILL ROAD BRIDGE FOR CONSTRUCTION ACTIVITIES A MINIMUM OF ONE MONTH IN ADVANCE OF SUCH TRAFFIC CONTROL.

RECONSTRUCTION OF WIRE MILL ROAD: THE CONTRACTOR SHALL SURVEY THE EXISTING ROADWAY AND RE-ESTABLISH THE FINAL ROADWAY PROFILE TO MATCH THE EXISTING CENTERLINE. PROVIDE A MINIMUM $1\frac{1}{2}$% CROSS-SLOPE. WHERE THE EXISTING CROSS-SLOPE EXCEEDS $1\frac{1}{2}$%, RE-ESTABLISH THE EXISTING CROSS-SLOPE. FINAL CURB REVEALS MAY VARY FROM EXISTING.

INTRADOS AND FRAME UNDERSIDE REPAIRS: THE CONTRACTOR SHALL ENSURE THAT CONSTRUCTION MEANS AND METHODS ARE THOROUGHLY CONSIDERED FOR ANY REPAIRS TO THE INTRADOS OR FRAME UNDERSIDES OF THE BRIDGES. CONSTRUCTION TECHNIQUES SHOULD BE IN PLACE THAT ALLOW FOR QUALITY CONTROL AND QUALITY ASSURANCE AND THOSE TECHNIQUES SHOULD BE SUBMITTED TO THE ENGINEER FOR HIS REVIEW PRIOR TO ANY ATTEMPTED UNDERSIDE REPAIRS. REFER TO THE SPECIAL PROVISIONS FOR REQUIREMENTS REGARDING DETAILS OF THE SUBMITTAL

EXISTING LOW CLEARANCE: LOW VERTICAL CLEARANCES BETWEEN THE MERRITT PARKWAY AND THE UNDERSIDE OF BRIDGE FASCIAS ARE DENOTED BY "LC". THESE CLEARANCES ARE PROVIDED FOR INFORMATIONAL PURPOSES ONLY AND MUST BE VERIFIED BY THE CONTRACTOR. FORMWORK AND FALSEWORK MUST MAINTAIN MINIMUM VERTICAL CLEARANCES AS DENOTED ON THE PLANS OR AS DIRECTED BY THE ENGINEER.

HEAVY EQUIPMENT: THE CONTRACTOR SHALL PROVIDE THE ENGINEER WITH A LIST OF PROPOSED EQUIPMENT FOR USE ON THE BRIDGE. THE USE OF VIBRATORY ROLLERS ON THE BRIDGE IS PROHIBITTED. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING THE STRUCTURAL INTEGRITY OF THE BRIDGE DURING CONTRACT OPERATIONS

"CURB BUILD-OUTS" AND "END BLOCKS": SHALL BE CONSTRUCTED WITH CLASS "F" CONCRETE

CLOSURE POURS, MERRITT PARKWAY MEDIAN BARRIER (BRIDGE): 1 OR 2 SECTIONS ARE REQUIRED AT EACH CLOSURE VARYING FROM 10' (ONE SECTION) TO 29'-11" (TWO SECTIONS) BASED ON JOINT REQUIREMENTS SHOWN IN THE TYPICAL DETAIL. ESTIMATED QUANTITIES ARE BASED ON 15 FOOT CLOSURES, EACH SIDE OF BRIDGE. CLOSURE LENGTHS SHOWN ON PLANS ARE FOR ILLUSTRATIVE PURPOSES ONLY

LIST OF DRAWINGS

TITLE	DRAWING NO.
GENERAL NOTES, QUANTITIES AND LOCATION PLAN	S-1
BRIDGE NO. 00703 - ROUTE 15 OVER ROUTE 104 (LONG RIDGE ROAD)	
GENERAL PLAN	S-2
CURB BUILDOUT DETAILS 1	S-3
CURB BUILDOUT DETAILS 2	S-4
BRIDGE NO. 00704 - ROUTE 15 UNDER WIRE MILL ROAD	
GENERAL PLAN	S-5
STAGE CONSTRUCTION	S-6
BRIDGE NO. 00705 - ROUTE 15 OVER RIPPOWAN RIVER	
GENERAL PLAN	S-7
RAILING AND ENDBLOCK DETAILS	S-8
-	-
BRIDGE NO. 00706 - ROUTE 15 OVER ROUTE 137 (HIGH RIDGE ROAD)	
GENERAL PLAN	S-9
PARAPET DETAILS	S-10
-	-
BRIDGE NO. 00707 - ROUTE 15 UNDER NEWFIELD AVENUE	
GENERAL PLAN	S-11
-	
BRIDGE NO. 00709 - ROUTE 15 OVER ROUTE 106 (OLD STAMFORD ROAD)	
GENERAL PLAN	S-12
ENDBLOCK DETAILS	S-13
-	-
BRIDGE NO. 05810 - ROUTE 15 UNDER LAPHAM ROAD	
GENERAL PLAN	S-14
-	S-15
TYPICAL DETAILS	
TYPICAL CONCRETE REPAIR DETAILS	S-16
TYPICAL CONCRETE REPAIR DETAILS 2	S-17
MERRITT PARKWAY MEDIAN BARRIER (BRIDGE)	S-18
TWO TUBE BRIDGE RAILING DETAILS	S-19
ORIGINAL/REHAB PLANS	
BRIDGE NO. 00703 - RTE. 15 OVER RTE. 104 (LONG RIDGE RD.)	S-20 - S-23
BRIDGE NO. 00704 - RTE. 15 UNDER WIRE MILL ROAD	S-24 - S-28
BRIDGE NO. 00705 - RTE. 15 OVER RIPPOWAM RIVER	S-29 - S-32
BRIDGE NO. 00706 - RTE. 15 OVER RTE. 137 (HIGH RIDGE RD.)	S-33 - S-43
BRIDGE NO. 00707 - RTE. 15 UNDER NEWFIELD AVENUE	S-44 - S-47
BRIDGE NO. 00709 - RTE. 15 OVER RTE. 106 (OLD STAMFORD RD.)	S-48 - S-51
BRIDGE NO. 05810 - RTE. 15 UNDER LAPHAM ROAD	S-52 - S-59

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: 1/25/2013

DESIGNER/DRAFTER: MC/JRS/JC
CHECKED BY: -
SCALE AS NOTED

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\SB-135-270-Title_Sheet.dgn

SIGNATURE/BLOCK:
OFFICE OF ENGINEERING
APPROVED BY: DATE:

PROJECT TITLE:
MERRITT PARKWAY (ROUTE 15)
SAFETY IMPROVEMENTS, RESURFACING, ENHANCEMENTS AND BRIDGE IMPROVEMENTS

TOWN: STAMFORD/NEW CANAAN
PROJECT NO. 135-270
DRAWING TITLE: GENERAL NOTES, QUANTITIES AND LOCATION PLAN
DRAWING NO. S-1
SHEET NO.

FEDERAL AID PARTICIPATING

INTERSECTION	0406300A 50 MIL PAVEMENT MARKING GROVE 5" WIDE (L.F.)	0406302A 50 MIL PAVEMENT MARKING GROVE 7" WIDE (L.F.)	0406307A 50 MIL PAVEMENT MARKING GROVE 9" WIDE (L.F.)	0406313A 50 MIL PAVEMENT MARKING GROVE 13" WIDE (L.F.)	0603475A STRUCTURAL STEEL - SIGN SUPPORT (PAINTED) (CWT.)	0952001A SELECTIVE CLEARING & THINNING (L.S.)	0970007A TRAFFICPERSON (UNIFORMED FLAGGER) (HR.)	0971001A MAINTENANCE AND PROTECTION OF TRAFFIC (L.S.)	0976002 BARRICADE WARNING LIGHTS - HIGH INTENSITY (DAY)	0978002 TRAFFIC DRUM (EA.)	0979003A CONSTRUCTION BARRICADE - TYPE III (EA.)	0980001A CONSTRUCTION STAKING (L.S.)	0981100 42" TRAFFIC CONE (EA.)	1010060A CLEAN EXISTING CONCRETE HANDHOLE (EA.)	1111451A LOOP DETECTOR SAW CUT (L.F.)	1113050 2 CONDUCTOR NO. 14 CABLE (L.F.)	1117301A LOW BRIDGE WARNING DEVICE (EA.)	1118051A TEMPORARY SIGNALIZATION (SITE #1) (L.S.)	1118052A TEMPORARY SIGNALIZATION (SITE #2) (L.S.)	1118053A TEMPORARY SIGNALIZATION (SITE #3) (L.S.)	1130000 HIGH MOUNTED INTERNALLY ILLUMINATED FLASHING ARROW (DAY)	1131002A REMOTE CONTROL CHANGEABLE MESSAGE SIGN (DAY)	1203109 SIDE MOUNTED SIGN FOUNDATION (EA.)	1204120A INSTALL STATE FURNISHED SIGN FACE SHEET ALUMINUM (S.F.)	1204121A INSTALL STATE FURNISHED SIGN FACE SHEET ALUMINUM - LARGE SIGNS (S.F.)	1205201 TYPE DE-1 DELINEATOR (EA.)	1205202 TYPE DE-2 DELINEATOR (EA.)	1205203 TYPE DE-3 DELINEATOR (EA.)	1205207 TYPE DE-7 DELINEATOR (EA.)	1205209 TYPE DE-9 DELINEATOR (EA.)	1205214 TYPE DE-7A DELINEATOR (EA.)	1205216 TYPE DE-7C DELINEATOR (EA.)	1206023A REMOVAL AND RELOCATION OF EXISTING SIGNS (L.S.)	1207030A PAINTING ALUMINUM SIGNS (S.F.)	1208906 SIGN FACE - SHEET ALUMINUM BRIGHT WIDE ANGLE RETROREFLECTIVE SHEETING (S.F.)	1208928 SIGN FACE - SHEET ALUMINUM (TYPE III REFLECTIVE SHEETING) (S.F.)	1209114 HOT-APPLIED PAINTED PAVEMENT MARKINGS 4" YELLOW (L.F.)	1209124 HOT-APPLIED PAINTED PAVEMENT MARKINGS 4" WHITE (L.F.)	1209126 HOT-APPLIED PAINTED PAVEMENT MARKINGS 6" WHITE (L.F.)	1209128 HOT-APPLIED PAINTED PAVEMENT MARKINGS 8" WHITE (L.F.)	1209131 HOT-APPLIED PAINTED LEGEND, ARROWS AND MARKINGS (S.F.)
PROJECT NO. 135-270, ROUTE 15 MERRITT PARKWAY	155600	23000	7000	220	39	L.S.	256	L.S.	12760	200	22	L.S.	200	1	1500	410					1500	1530	12	560	2350	300	200	50	350	14	350	15	L.S.	2350	448	1445	231000	231600	133000	40500	700
PROJECT NO. 89-125 BRIDGE NO. 712 ROUTE 126 (SOUTH AVE)	2600							L.S.	360		2	L.S.							L.S.	L.S.		30							20	2	40						4000	1500			100
PROJECT NO. 89-126 BRIDGE NO. 708 PONUS RIDGE ROAD	600						16	L.S.	360		2	L.S.						L.S.				30								2		15			18			600				
PROJECT NO. 135-304 BRIDGE NO. 700 GUINEA ROAD							16	L.S.	360			L.S.					2					30													18							
PROJECT NO. 135-316 BRIDGE NO. 702 RIVERBANK ROAD	600						16	L.S.	360		2	L.S.										30								2		15			18			600				
GRAND TOTAL	159400	2300	7000	220	39	L.S.	304	L.S.	14200	200	28	L.S.	200	1	1500	410	2	L.S.	L.S.	L.S.	1500	1650	12	560	2350	300	200	50	370	20	390	45	L.S.	2350	502	1445	235000	234300	133000	40500	800

INTERSECTION	1210101A 4" WHITE - EPOXY RESIN PAVEMENT MARKINGS (L.F.)	1210102A 4" YELLOW - EPOXY RESIN PAVEMENT MARKINGS (L.F.)	1210103A 6" WHITE - EPOXY RESIN PAVEMENT MARKINGS (L.F.)	1210104A 8" WHITE - EPOXY RESIN PAVEMENT MARKINGS (L.F.)	1210105A EPOXY RESIN PAVEMENT MARKINGS - SYMBOLS & LEGENDS (S.F.)	1211001 REMOVAL OF PAVEMENT MARKINGS (S.F.)	1212001 TEMPORARY PLASTIC PAVEMENT MARKING TAPE - 4" YELLOW (L.F.)	1212002 TEMPORARY PLASTIC PAVEMENT MARKING TAPE - 4" WHITE (L.F.)	1212003 TEMPORARY PLASTIC PAVEMENT MARKING TAPE - 6" WHITE (L.F.)	1214002 6" PREFORMED BLACK LINE MASS PAVEMENT MARKING TAPE (L.F.)	1214003 8" PREFORMED BLACK LINE MASS PAVEMENT MARKING TAPE (L.F.)	1220013A CONSTRUCTION SIGNS - BRIGHT FLUORESCENT SHEETING (S.F.)	1806200 TYPE D PORTABLE IMPACT ATTENUATION SYSTEM (HR.)
PROJECT NO. 135-270, ROUTE 15 MERRITT PARKWAY	155000	155600	89000	27000	440	175200	1000	1000	300	2000	300	5150	18700
PROJECT NO. 89-125 BRIDGE NO. 712 ROUTE 126 (SOUTH AVE)	1300	1300			150	1000						200	700
PROJECT NO. 89-126 BRIDGE NO. 708 PONUS RIDGE ROAD		600				200						150	700
PROJECT NO. 135-304 BRIDGE NO. 700 GUINEA ROAD												250	
PROJECT NO. 135-316 BRIDGE NO. 702 RIVERBANK ROAD		600				200						150	700
GRAND TOTAL	156300	158100	8900	27000	490	176600	1000	1000	300	2000	300	5950	20800

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 OR ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

DIVISION OF TRAFFIC ENGINEERING CADD

TRAFFIC DESIGN: O. FILS
ELECTRICAL DESIGN: D.K. SWINBURNE
DRAFTED: D.K. SWINBURNE
SCALE - NONE

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

SIGNATURE/ BLOCK: **OFFICE OF ENGINEERING**
SUBMITTED BY: N/A
APPROVED B N/A

PROJECT TITLE: **SAFETY IMPROVEMENTS, RESURFACING, ENHANCEMENTS & BRIDGE IMPROVEMENTS**

TOWN: **VARIOUS**
DRAWING TITLE: DETAILED ESTIMATE SHEET

PROJECT NO. **135-270, 089-125, 089-126 135-304, 135-316**
DRAWING NO. **DET-05**
SHEET NO.

FIlename: \\sh3dgs18\CTDOT_projects\135_0270_2007\Traffic\TR_MSH_EST_135_270.dgn
Plotted: 1/28/2019

ITEM NUMBER	0949711	0949628	0949831	0949847	0949797	0949093	0949894	0949751	0949403	0949285	0949012	0949226	0949602	0949279	0949495	0949874	0949073	0949349	0949609	0949919	0949630	0949375	0949142	0949978	0949149	0949986	0949410	0949402	0949172	0949177	0949134	0949111A	0949432A	0952003A	0949000	0950106A	0950040A
ITEM	AMELANCHIER CANADENSIS SHADBLOW SERVICEBERRY 6'-8' HT. B.B.	ACER RUBRUM RED MAPLE 3'-4' HT. WHIPS B.R.	ACER RUBRUM RED MAPLE 1 3/4" - 2" CAL. B.B.	ACER SACCHARUM SUGAR MAPLE 2 1/2"- 3" CAL. B.B.	CORNUS FLORIDA FLOWERING DOGWOOD 1 3/4"-2" CAL. B.B.	COMPTONIA PEREGRINA SWEETFERN 15"-18" HT. B.B.	CORNUS RACEMOSA GRAY DOGWOOD 18"-24" HT. B.B.	CRATAEGUS CRUSGALLI COCKSPUR HAWTHORN 6'-8' HT B.B.	FAGUS GRANDIFOLIA AMERICAN BEECH 2"-2 1/2" CAL. B.B.	HAMAMELIS VIRGINIANA, WITCH HAZEL 18"- 24" HT. B.B.	HEMEROCALLIS SPP. DAYLILY 1 GAL. CONT.	ILEX VERTICILLATA COMMON WINTERBERRY 18"- 24" HT. B.B.	JUNIPERUS VIRGINIANA EASTERN REDCEDAR 6'-8' HT. B.B.	KALMIA LATIFOLIA MOUNTAIN LAUREL KALMIA 18" - 24" HT. B. B.	LIQUIDAMBAR STYRACIFLUA AMERICAN SWEETGUM 24"-36" HT. NO.3 CONTAINER	LIQUIDAMBAR STYRACIFLUA AMERICAN SWEET GUM, 21/2"-3" CAL. B.B	LEUCANTHEMUM X SUPERBUM SPP. SHASTA DAISY, 1 GALLON CONTAINER	MYRICA PENSYLVANICA NORTHERN BAYBERRY 18"- 24" HT. B.B.	PICEA ABIES NORWAY SPRUCE 6'-8' HT. B.B.	PLATANUS ACERIFOLIA LONDON PLANETREE 2"-2 1/2" CAL. B.B.	PINUS STROBUS EASTERN WHITE PINE 6'-8' HT. B.B.	QUERCUS ALBA, WHITE OAK, 21/2" - 3" CAL. B.B.	QUERCUS PALUSTRIS, PIN OAK, 24" - 36" HT. NO.3 CONTAINER	QUERCUS PALUSTRIS PIN OAK 2"-2 1/2" CAL. B.B.	QUERCUS RUBRA, NORTHERN RED OAK, 24" - 36" HT. NO. 3 CONTAINER	QUERCUS RUBRA, NORTHERN RED OAK, 2 1/2" - 3" CAL. B.B.	RHUS AROMATICA FRAGRANT SUMAC 18"-24" HT. B.B.	RHODODENDRON MAXIMUM, ROSEBAY RHODODENDRON, 2"-3' HT. B.B.	RUDBECKIA HIRTA, BLACK-EYED SUSAN 1 GAL. CONTAINER	VIBURNUM DENTATUM, ARROWWOOD VIBURNUM 18" - 24" HT. B.B.	VIBURNUM TRILOBUM AMERICAN CRAN- BERRYBUSH 18"-24" HT. CONTAINER	PROTECTIVE FENCING	ROOT PRUNING	SELECTIVE CLEARING AND THINNING (SITE NO. 2)	WOOD CHIP MULCH	TREE BARRIER	CONSERVATION SEEDING FOR SLOPES
UNIT	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	L.F.	L.F.	L.S.	S.Y.	L.F.	S.Y.
KEY	Am.c.	A.r.	*A.r.	A.s.	C.f.	Co.p.	C.r.	Cr.ci.	F.g.	H.v.	Hem.spp	I.v.	J.v.	K.l.	L.s.	*L.s.	L.x.S	Myp.	Pic.a.	Pl.a.	P.s.	Q.a.	Q.p.	*Q.p.	Q.r.	*Q.r.	Rh.a.	Rho.m.	Rud.h.	V.d.	V.t.						
LDS-1					3									25										8									460		72	63	
LDS-2	9	10	5		8										10				11				10		10	10	15	20					360		216	42	
LDS-3	20	45	9				10				20	10	3		35	2			22				35	6	45		40			45	20		60		734	7	
LDS-4	5	20	2		3	20			5		30		6	40	10			15	8				20	8	20	3	55	20					530	802	580	77	
LDS-5	3	45	7	2	8							20	2		45	16							45		45	15		15				150	690		536	77	
LDS-6	18	10	3	1	16		25			15		15						20	25				10	3	10		55	20	70	75		50			782		
LDS-7	25		14	5	11		20					15	9			5								10		6	15	20		15					340		
LDS-8	32		3	3	3								3					35	25	9	3			5		5		30							312		
LDS-9	5	5	3	3	12					20			12		5				13	8			5	10	5	17	20	20				100	140		326	7	
LDS-10	7		3		6								17					20		5				2											120		
LDS-11	7	25	7					8					11		25		40		9				25	5	25	2	25			25			360		478	42	1351
LDS-12	9	15	5												15	5	35		9				15		15	7	20	40					260		380	42	
LDS-13	3	35	5		8										35				24				35		35	15	40	10	30	55			120		660	14	
LDS-14	5	45	2		10				3		60			10				40	12				45		45	6							240	588	566	28	
LDS-15	11	10	6		5								18						11				10	6	10	7		55					480		298	56	
LDS-16	10			7	3			14					3			3					3			8		3		25			20	100	560		182	70	
LDS-17					3																														6		
LDS-18	5	15	10	1			15	5					12		15	2					22		15	3	15		65	10	70						432		
LDS-19	5	45	8					7						25	45	10							45	10	45	25									540		
LDS-20	22	35	6												35								35	5	35	14		30		30			600		494	70	
LDS-21	5	20		6	8							40			10		30	75	16				20	11	20	2				90		100	210		546	21	
LDS-22	23				6							15				8	25	40	10							13		35				50	450		350	56	
LDS-23	10		12		5								14			3						3		8				35		25			180		230	21	
LDS-24	26		8		11							25	10			5			16					11		12		35		20			60		358	14	
LDS-25	12	10	7		5								11		10	3							10	12	10	12		25		45			300		344	35	
LDS-26	12	25	7	2							35		3		25				31				25	8	25		35	15		85	25		60		716	7	
LDS-27	15		12		13								20			3			13					8		3	25	35	30			50	30		334		
LDS-28	17	10	3										15		10	9			8				10	19	10	13	15	25		35			450		404	56	
LDS-29	31		15		11								5						21					3		10	20	40		65			300		442	35	
LDS-30	13		7		7							35												3		8		30					240		206	28	
LDS-31	9	10	3		10										10			30			10		10		10				30						264		
LDS-32	7												5						13		5			3			50			25					216		
LDS-33	12	30	3		10					40			14		30	6	30		19				30	11	30	3	115	45		15			60		886	7	
LDS-34	16	20	3		21								32						22				20	5	20	8		45				50	570		422	63	
LDS-35	27		9		13								9			5		20	10					11			25					150	90		258		
LDS-36	8		2									15						20	14					6			10	15		30		70	70		240		
LDS-37																																					
SUBTOTAL	444	485	189	30	219	20	70	34	8	75	145	190	234	100	370	85	160	315	362	22	43	3	475	208	485	219	645	695	230	680	65	870	7930	1390	14270	938	1351
UNASSIGNED	22	24	9	2	11	1	4	2		4	7	10	12	5	19	4	8	16	18	1	2		24	10	24	11	32	35	12	34	3	44	397	70	714	47	68
TOTAL	466	509	198	32	230	21	74	36	8	79	152	200	246	105	389	89	168	331	380	23	45	3	499	218	509	230	677	730	242	714	68	914	8327	1460	14984	985	1419

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
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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: 1/29/2013

DESIGNER/DRAFTER: **MR**

CHECKED BY: **D. Barnes**

SCALE IN FEET 0 40 80

SCALE 1"=40'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\plan\HW_MSH_135270_DET-01.dgn

SIGNATURE/ BLOCK:

OFFICE OF ENGINEERING

APPROVED BY: DATE:

PROJECT TITLE:

MERRITT PARKWAY (ROUTE 15)
SAFETY IMPROVEMENTS, RESURFACING, ENHANCEMENTS AND BRIDGE IMPROVEMENTS

TOWN: **STAMFORD NEW CANAAN**

DRAWING TITLE: **DETAIL ESTIMATE SHEET**

PROJECT NO. **135-270**

DRAWING NO. **DET-06**

SHEET NO.

ITEM NUMBER	0952051A
ITEM	CONTROL AND REMOVAL OF INVASIVE VEGETATION
UNIT	S.Y.
KEY	
LDS-1	1617
LDS-2	4590
LDS-3	4421
LDS-4	4446
LDS-5	4585
LDS-6	4858
LDS-7	4507
LDS-8	4693
LDS-9	4935
LDS-10	3705
LDS-11	3353
LDS-12	4656
LDS-13	4352
LDS-14	4283
LDS-15	4518
LDS-16	3053
LDS-17	
LDS-18	3603
LDS-19	4277
LDS-20	4653
LDS-21	4822
LDS-22	4596
LDS-23	4474
LDS-24	4660
LDS-25	4739
LDS-26	4367
LDS-27	4762
LDS-28	4532
LDS-29	4603
LDS-30	4629
LDS-31	3009
LDS-32	3747
LDS-33	4292
LDS-34	4395
LDS-35	3436
LDS-36	3709
LDS-37	
SUBTOTAL	147877
UNASSIGNED	7394
TOTAL	155271

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
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-	-	-	-
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Plotted Date: 2/1/2013

DESIGNER/DRAFTER: **MR**

CHECKED BY: **D. Barnes**

SCALE IN FEET 0 40 80

SCALE 1"=40'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\plan\HW_MSH_135270_DET-02.dgn

SIGNATURE/ BLOCK:

OFFICE OF ENGINEERING

APPROVED BY: DATE:

PROJECT TITLE:

MERRITT PARKWAY (ROUTE 15)
SAFETY IMPROVEMENTS, RESURFACING,
ENHANCEMENTS AND BRIDGE IMPROVEMENTS

TOWN: **STAMFORD NEW CANAAN**

DRAWING TITLE: **DETAIL ESTIMATE SHEET**

PROJECT NO. **135-270**

DRAWING NO. **DET-07**

SHEET NO.

ITEM NUMBER	0000985A		0100600A	0101000A	0101117A	0101128A	0101133A		0201001A	0202315A	0202318A	0202501	0202502	0203000	0213901A	0213902A	0219001		0406171		0502100A	0502182A	0502368A	0511006A	0512010A		0601192A	0601201A	0601423A	0601426A	0601502	0601887A	0601893A	0601895A	0601988A	0602006	0602911A	0602965A	0603591A	0612994		0707009A	0707100A	0708001	0751831A		0822001	
ITEM	TRACK MONITORING		CONSTRUCTION ACCESS	ENVIRONMENTAL HEALTH AND SAFETY	CONTROLLED MATERIALS HANDLING	SECURING, CONSTRUCTION AND OPERATING OF A WASTE STOCKPILE	DISPOSAL OF CONTAMINATED RAILROAD TIES		CLEARING AND GRUBBING	DISPOSAL OF CONTROLLED MATERIALS	MANAGEMENT OF REUSABLE CONTROLLED MATERIAL	CUT CONCRETE PAVEMENT	REMOVAL OF CONCRETE PAVEMENT	STRUCTURE EXCAVATION-EARTH (COMPLETE)	BALLAST	SUBBALLAST	SEDIMENTATION CONTROL SYSTEM		HMA S0.5		TEMPORARY CROSSING	RUBBER GRADE CROSSING	CLEAN HISTORIC CONCRETE BRIDGE (SITE NO. 10)	CLEANING WEEPHOLES	6" PIPE FOR BRIDGE DRAINAGE		SURFACE PATCH	CLASS "F" CONCRETE	CLASS "C" CONCRETE - REPLICATED	CLASS "S" CONCRETE FOR HISTORIC BRIDGES	1/2" PREFORMED EXPANSION JOINT FILLER FOR BRIDGES	COLOR MATCHING OF CONCRETE	VARIABLE DEPTH PATCH FOR HISTORIC CONCRETE BRIDGES	REMOVAL OF GRAFFITI FROM HISTORIC CONCRETE	TESTING AND ANALYSIS OF HISTORIC CONCRETE	DEFORMED STEEL BARS - EPOXY COATED	DRILLING HOLES AND GROUTING ANCHOR BOLTS	DRILLING HOLES AND GROUTING REINFORCING BARS	STRUCTURAL STEEL (MISCELLANEOUS)	CONCRETE CYLINDER CURING BOX		MEMBRANE WATERPROOFING (COLD LIQUID ELASTOMERIC)	REMOVE RAILROAD BRIDGE DECK WATERPROOFING	DAMPPROOFING	6" OUTLET FOR UNDERDRAIN		TEMPORARY PRECAST CONCRETE BARRIER CURB	
UNIT	LS		LS	LS	CY	LS	TON		LS	TON	CY	LF	SY	CY	CY	CY	LF		TON		LS	LF	LS	EA	LF		SF	CY	CY	CF	SF	EA	CF	SY	EA	LB	EA	EA	CWT	EA		SY	SY	SY	LF		LF	
BRIDGE 00710R	LS		LS	LS	380	LS	15		LS	620	50	65	4	165	80	40	200		1		LS	315	LS	6	70		75	6	120	80	320	3	10	110	1	14000	4	300	4	1		140	140	40	170		100	
SUBTOTAL																																																	
UNASSIGNED																																																	
TOTAL	LS		LS	LS	380	LS	15		LS	620	50	65	4	165	80	40	200		1		LS	315	LS	6	70		75	6	120	80	320	3	10	110	1	14000	4	300	4	1		140	140	40	170		100	

ITEM NUMBER	0910700A	0930001	0971001A	0974052A	0974106A	0975002	0979003A	0977001	0978002	0980001		1008319		1200013A
ITEM	TEMPORARY GUIDERAIL ATTACHMENT	OBJECT MARKER	MAINTENANCE AND PROTECTION OF TRAFFIC	REMOVAL OF EXISTING MASONRY LIMITED METHODS	TIMBER SUPPORT MAT	MOBILIZATION	CONSTRUCTION BARRICADE TYPE III	TRAFFIC CONE	TRAFFIC DRUM	CONSTRUCTION STAKING		4" RIGID METAL CONDUIT IN STRUCTURE		CONSTRUCTION SIGNS PRIMARY FLUORESCENT SHEETING
UNIT	EA	EA	LS	CY	LS	LS	EA	EA	EA	LS		LF		SF
BRIDGE 00710R	3	5	LS	140	LS	LS	6	12	6	LS		600		25
SUBTOTAL														
UNASSIGNED														
TOTAL	3	5	LS	140	LS	LS	6	12	6	LS		600		25

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: 2/12/2013

DESIGNER/DRAFTER: S. YESKE
CHECKED BY: A. MORTON
SCALE AS NOTED

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

FILENAME: ...\01_General\MSH_303007_DES.dgn

LOCHNER
H.W. LOCHNER, INC
2110 Silas Deane Highway
Rocky Hill, CT 06067

APPROVED BY: R. BRAY
DATE: 02/13/2013

STATE OF CONNECTICUT RICHARD A. BRAY LICENSED PROFESSIONAL ENGINEER

PROJECT TITLE:
BRIDGE NO. 00710R METRO-NORTH NEW CANAAN BRANCH M.P. 5.76 OVER THE MERRITT PARKWAY

TOWN: **NEW CANAAN**

DRAWING TITLE: **DETAILED ESTIMATE SHEET**

PROJECT NO. **303-007**
DRAWING NO. **DET-8**
SHEET NO.