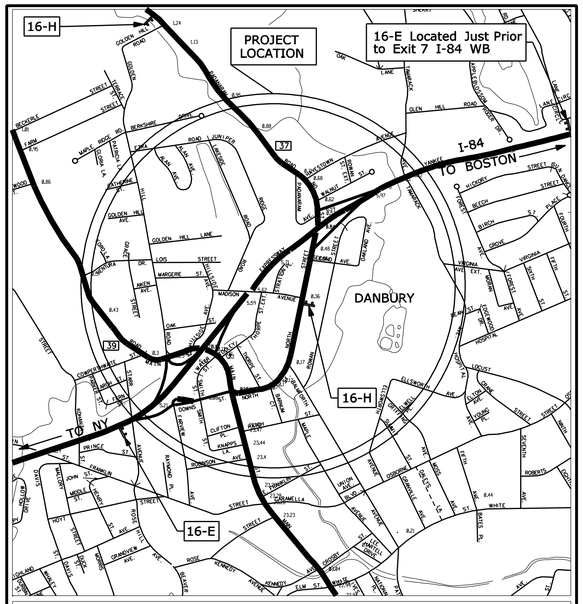
CONNECTICUT DEPARTMENT OF TRANSPORTATION PLAN

FOR

I-84 INTERCHANGES 5 & 6 IMPROVEMENTS

IN THE CITY OF

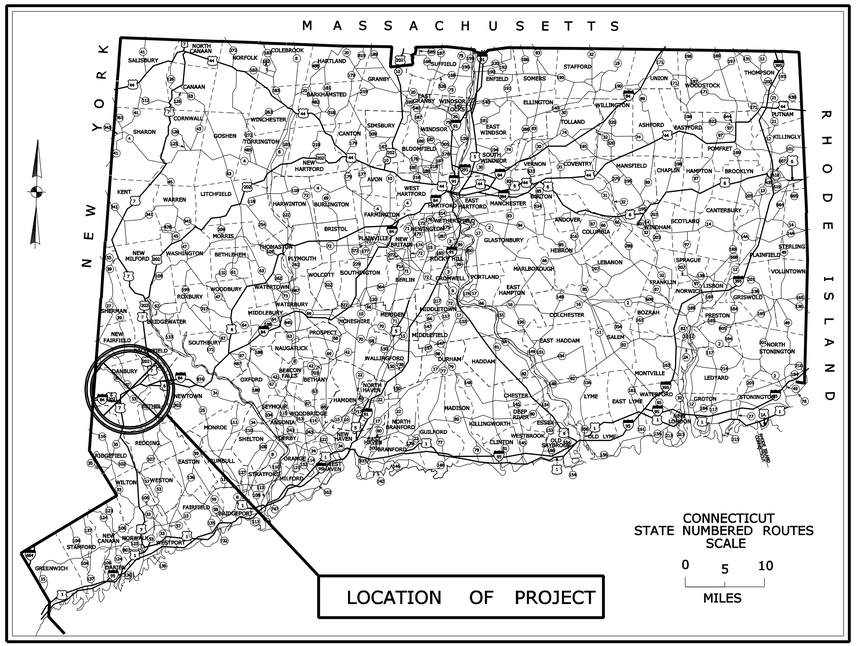
DANBURY



LOCATION PLAN

SCALE IN FEET

1000 0 1000 2000



INTERCHANGE 5:

I-84 EB OFF	FROM STA.	505+44.00	TO STA.	520+58.00	LENGTH	1,514	ft.
I-84 WB OFF	FROM STA.	557+16.00	TO STA.	565+00.00	LENGTH	784	ft.

INTERCHANGE 6:

ROUTE 37	FROM STA.	306+25.00	TO STA.	327+75.00	LENGTH	2,150.00	ft.
I-84 EB ON	FROM STA.	100+00.00	TO STA.	120+80.37	LENGTH	2,080.37	ft.
I-84 WB OFF	FROM STA.	60+00.00	TO STA.	72+79.34	LENGTH	1279.34	ft.
SECOND AVE.	FROM STA.	40+00.00	TO STA.	48+55.00	LENGTH	855.00	ft.

DESIGN SCALES
- PLAN 1 in. = 40 ft.
- PROFILE HOR. 1 in. = 40 ft. VERT. 1 in. = 4 ft.
- CROSS SECTIONS 1 in. = 5 ft.
- OTHER SCALES AS NOTED _____

SPECIFICATIONS, FORM 816 GOVERN INCLUDING SUPPLEMENT THERETO DATED JANUARY 2014
ALL ELEVATIONS ON THIS PROJECT BASED ON NAVD OF 1988
COORDINATES BASED ON CONNECTICUT COORDINATE SYSTEM NAD 1983

FEDERAL AID PROJECT NO. 0841 (095) TO BE MAINTAINED BY STATE OF CONNECTICUT STATE PROJECT NO. 34-313

CONNECTICUT DEPARTMENT OF TRANSPORTATION BIDDING AND OTHER INFORMATION AND DOCUMENTS WHICH ARE OBTAINED THROUGH THE INTERNET WORLD WIDE WEB SITES OR OTHER SOURCES ARE NOT TO BE CONSTRUED TO BE OFFICIAL INFORMATION FOR THE PURPOSES OF BIDDING OR CONDUCTING OTHER BUSINESS WITH THE DEPARTMENT.

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	8
02	REVISIONS	1
03	HIGHWAYS	144
04	LANDSCAPING	10
05	STRUCTURES	61
06	TRAFFIC	26
07	MPT	46
08	IMS	6
09	ELECTRICAL	8
10	ENVIRONMENTAL	14
11	COMCAST FIO	5
12	YANKEE GAS FIO	5
	CTDOT HIGHWAY STANDARDS	
	CTDOT TRAFFIC STANDARDS	

*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
DETAILED ESTIMATE SHEET I	G-2
DETAILED ESTIMATE SHEET II	G-3
DETAILED ESTIMATE SHEET III	G-4
DETAILED ESTIMATE SHEET IV	G-5
DETAILED ESTIMATE SHEET V	G-6
DETAILED ESTIMATE SHEET VI	G-7
DETAILED ESTIMATE SHEET VII	G-8
DETAILED ESTIMATE SHEET VIII	G-9

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.

Plans For
I-84
INTERCHANGES 5 & 6
IMPROVEMENTS

City Of
DANBURY

STATE PROJECT NO.
034-0313

DRAWING NO. **G-1**
SHEET NO. **01.01**

ITEM NUMBER	GRADING								ROADWAY ITEMS																																								
									P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
ITEM NUMBER									0201001	0202000	0202100	0202502	0202529	0204401A	0204402A	0204403A	0204404A	0205001	0205002	0205003	0205004	0205005	0205006	0205007	0205008	0207003	0209001	0210100A	0210820	0212000	0213100	0219001	0302000	0304002	0305001	0406002	0406159	0406170	0406171	0406236	0406267A	0406287A	0406289A	0406600	0406999A	0506001	0507001	0507006	0507021
ITEM	EARTH EXCAVATION	ROCK EXCAVATION	BORROW	SUBBASE					CLEARING AND GRUBBING	EARTH EXCAVATION	ROCK EXCAVATION	REMOVAL OF CONCRETE PAVEMENT	CUT BITUMINOUS CONCRETE PAVEMENT	HANDLING WATER (SITE NO.1)	HANDLING WATER (SITE NO.2)	HANDLING WATER (SITE NO.3)	HANDLING WATER (SITE NO.4)	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	BORROW	FORMATION OF SUBGRADE	ANTI-TRACKING PAD	WATER POLLUTION CONTROL (ESTIMATED COST-PLUS)	SUBBASE	GRAVEL FILL	SEDIMENTATION CONTROL SYSTEM	ROLLED GRANULAR BASE	PROCESSED AGGREGATE BASE	PROCESSED AGGREGATE	TEMPORARY PAVEMENT	PMA s0.5	HMA s1.0	HMA s0.5	MATERIAL FOR TACK COAT	MILLING OF HMA (0" TO 4")	RUMBLE STRIPS-AUTOMATED	REMOVAL OF RUMBLE STRIPS	MATERIAL TRANSFER VEHICLE	ASPHALT ADJUSTMENT COST (ESTIMATED COST)	CONCRETE FOR STEPS AND COPINGS	TYPE "C" CATCH BASIN	TYPE "C" CATCH BASIN TOP	TYPE "C" CATCH BASIN DOUBLE GRATE - TYPE I
UNIT	CY	CY	CY	CY					l.s.	c.y.	c.y.	s.y.	l.f.	l.s.	l.s.	l.s.	l.s.	c.y.	c.y.	c.y.	c.y.	c.y.	c.y.	c.y.	c.y.	c.y.	s.y.	s.y.	estpls	c.y.	c.y.	l.f.	c.y.	c.y.	c.y.	s.y.	ton	ton	ton	gal	s.y.	l.f.	l.f.	ton	est.	c.y.	ea.	ea.	ea.
TOTAL FROM SECTIONS	14693	1254							EXIT 5																																								
EST. BOULDERS (1/2 OF 1%)	-73	73							WB OFF RAMP	1363	452		1200				l.s.			83			135			2446	216		1126	3	831					563	844		256		1380	1380	563		6	1		
									EB OFF RAMP	1458			2825							163		441		95			3361			1564		1337	1	49	58		1091	1160		523	1653	1125	1125	1091			4	2	
SUBTOTAL	14620	1327																																															
LESS SHRINKAGE - 10%	-1462																																																
PLUS ROCK SWELL 25%		332																																															
SUBTOTAL	13158	1659							EXIT 6																																								
AVAILABLE ROCK AND EARTH FILL	14817								EB ON RAMP	1552	78		1186		l.s.			66	6	644	65	35					2150	216		1079	3	1022			33		575	742		250	348	975	975	575			1	1	2
PLUS NET AVAILABLE FILL (ROCK&EARTH) FROM TRENCH, DITCH & STRUCTURAL EXC.	2600								WB OFF RAMP	6469	324	1144	1010					3	1	163	16	87	8				5331			2009		543	1		42		1356	1839		590	567			1356			2		
AVAILABLE FILL SUBTOTAL	17417								ROUTE 37	3701	392		6450			l.s.				3969	397	955	95	432	43		3926			770		314		443	1	734	3924	1370		1703	13105			3917			18	8	
									SECOND AVENUE	150	8		83	l.s.						398	40	525	52	1659	166		567			655	13	473		327					452	196				452			4	3	
FILL REQUIRED	5900																																																
LESS PERVIOUS STRUCTURAL BACKFILL	-2485																																																
NET FILL REQUIRED	3415								SUBTOTAL	l.s.	14693	1254	1144	12754	l.s.	l.s.	l.s.	l.s.	69	7	5420	518	2043	155	2321	209		17781	432	estpls	7203	19	4520	2	819	134	734	7509	5955	452	3518	15673	3480	3480	7954		6	30	14	2
SURPLUS MATERIAL	14002								UNASSIGNED	1307	36	225	630					25	3	427	50	255	22	188	17		1419	12	1	437	1	380	1	51	6	66	375	411	23	332	1087	175	175	398	1	1			
									TOTAL	l.s.	16000	1290	1369	13384	l.s.	l.s.	l.s.	l.s.	94	10	5847	568	2298	177	2509	226		19200	444	estpls	7640	20	4900	3	870	140	800	7884	6366	475	3850	16760	3655	3655	8352	1	7	30	14	2

ITEM NUMBER	ROADWAY ITEMS																																																
	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
ITEM NUMBER	0507022	0507051	0507072	0507124	0507171A	0507201	0507224	0507254	0507685	0507686	0507687	0507688	0507771	0507781	0507831	0507899	0601000	0601445A	0602000	0602910A	0651001	0651011	0651012	0651013	0651015	0651017	0651019	0651020	0651051	0651052	0651053	0651081	0651837	0651846	0652113	0653001	0653010	0653100	0703012	0707200A	0708001	0714020	0751711	0803003	0811001	0811101	0814002	0815200	0821127	0821177	0822001	0822002	0901003A
ITEM	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 CATCH BASIN DOUBLE GRATE TYPE II (4' SUMP)	HYDRODYNAMIC SEPARATOR (SITE NO. 1)	TYPE "C-L" CATCH BASIN	TYPE "C-L" CATCH BASIN TOP	TYPE "C" CATCH BASIN DOUBLE GRATE - TYPE II TOP	MANHOLE - 6' DIAMETER	MANHOLE - 6' DIAMETER OVER 10' DEEP	MANHOLE- 5' DIAMETER	MANHOLE - 5' DIAMETER OVER 10' DEEP	RESET CATCH BASIN	RESET MANHOLE	CONVERT CATCH BASIN TO MANHOLE	OFFSET CATCH BASIN	CLASS "A" CONCRETE	EMBANKMENT WALL (SITE NO. 1)	DEFORMED STEEL BARS	DRILLING HOLES AND GROUTING DOWELS	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	42" R.C. PIPE	12" R.C. PIPE CLASS V	15" R.C. PIPE CLASS V	18" R.C. PIPE CLASS V	14"X23" R.C. PIPE ELLIPTICAL	15" C.C.M. PIPE	24" C.C.M. PIPE	24" METAL CULVERT END	CLEAN EXISTING CATCH BASIN	CLEAN EXISTING MANHOLE	CLEAN EXISTING CULVERT - 12" TO 42" DIAMETER	MODIFIED RIPRAP	GEOGRID	DAMPPROOFING	TEMPORARY SHEET PILING	6" UNDERDRAIN	PAVED DITCH	CONCRETE CURBING	CONCRETE PARK CURBING	RESET GRANITE STONE CURBING	BITUMINOUS CONCRETE PARK CURBING	REMOVAL OF PRECAST CONCRETE BARRIER CURB	PRECAST CONCRETE BARRIER CURB ("F" SHAPE - SINGLE FACE)	TEMPORARY PRECAST CONCRETE BARRIER CURB	RELOCATED TEMPORARY PRECAST CONCRETE BARRIER CURB	STEEL BOLLARD
UNIT	ea.	ea.	ea.	ea.	ea.	ea.	ea.	ea.	ea.	ea.	ea.	ea.	ea.	ea.	ea.	ea.	c.y.	l.s.	lb.	ea.	c.y.	l.f.	l.f.	l.f.	l.f.	l.f.	l.f.	l.f.	l.f.	l.f.	l.f.	l.f.	l.f.	l.f.	ea.	ea.	ea.	l.f.	c.y.	s.y.	s.y.	s.f.	l.f.	s.y.	l.f.	l.f.	l.f.	l.f.	l.f.	l.f.	l.f.	l.f.	ea.
EXIT 5																																																	
WB OFF RAMP	1		1												2						8		32					27								18		548	5	2411			392					1085		160		1420	
EB OFF RAMP		2				1	1						3	1	1						6		310										16			11		738						8		80		1860	1128		1860	620	
EXIT 6																																																	
EB ON RAMP	1												1		2						76		170				320								1	2	1	190	5	1036			901		216			1117			1220		
WB OFF RAMP	1	1					2						2								15			32	100									16		1		54					219	8				1977			1100	1720	
ROUTE 37	5	6	1	1			3	1	1		2		7		4	5	12	1	6	8	382	44	321	594	512	778	568		60	105	96	104	66			4	1	428			2	29000		16	5131	38	436				880		7
SECOND AVE					1					1		5		1		3					133		102	21			813												47			24000			1256								8
SUBTOTAL	8	9	2	1	1		6	1	1	1	2	5	13	2	9	8	12	1	6	8	620	44	935	647	612	778	1701	27	60	105	96	104	82	16	1	36	2	1958	57	3447	2	53000	1512	32	6603	118	436	6039	1128	160	5060	3760	15
UNASSIGNED																					43	4	52	62	70	38	165	5	5	10	4	6	5	4		1		142	3	478		2600	88	1	502	12	5	561	112	40	280	80	
TOTAL	8	9	2	1	1		6	1	1	1	2	5	13	2	9	8	12	1	6	8	663	48	987	709	682	816	1866	32	65	115	100	110	87	20	1	37	2	2100	60	3925	2	55600	1600	33	7105	130	441	6600	1240	200	5340	3840	15

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

Filename: CT_plan_border.dgn 3/26/2014 Border Version: 8/1/05

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.

DESIGNER/DRAFTER:

CHECKED BY:

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

ENGINEER: AECOM Technical Services, Inc.

APPROVED BY: Noel M. Pagan, P.E. DATE: 06/11/2014

AECOM

PROJECT TITLE: I-84 INTERCHANGES 5 & 6 IMPROVEMENTS

TOWN: DANBURY

DRAWING TITLE: DETAILED ESTIMATE

PROJECT NO. 34-313

DRAWING NO. G-2

SHEET NO. 01.02

	ROADWAY ITEMS																																																							
	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
ITEM NUMBER	0910170	0910173	0910174	0910186	0911912	0911924	0912503	0912602	0913000	0913011	0913068	0913817	0916120	0916406	0921001A	0922001	0922004	0922500	0922501	0924002	0930001	0939001	0942001	0943001	0944000	0949024	0949228	0949530	0949559	0949605	0949712	0949823	0949848	0949854	0950005	0950019A	0950037	0950039	0969062A		0970007A	0971001A	0974001	0975004A	0976002	0978002	0979003A	0980001A	0981100	1205201	1205207	1205209	1205214
ITEM	METAL BEAM RAIL (TYPE R-B 350)	R-B 350 BRIDGE ATTACHMENT - VERTICAL SHAPED PARAPET	R-B 350 BRIDGE ATTACHMENT - JERSEY SHAPED PARAPET	R-B 350 BRIDGE ATTACHMENT - TRAILING END	ANCHOR IN EARTH CUT SLOPE	R-B END ANCHORAGE-TYPE II	REMOVE METAL BEAM RAIL	RESET METAL BEAM RAIL	REMOVE CHAIN LINK FENCE	5'CHAIN LINK FENCE	TEMPORARY 6' CHAIN LINK FENCE	RESET CHAIN LINK FENCE	TIMBER NOISE BARRIER WALL - TYPE 1	REMOVE NOISE BARRIER WALL	CONCRETE SIDEWALK	BITUMINOUS CONCRETE SIDEWALK	BITUMINOUS CONCRETE ISLAND	BITUMINOUS CONCRETE DRIVEWAY (COMMERCIAL)	BITUMINOUS CONCRETE DRIVEWAY	CONCRETE DRIVEWAY RAMP	OBJECT MARKER	SWEEPING FOR DUST CONTROL	CALCIUM CHLORIDE FOR DUST CONTROL	WATER FOR DUST CONTROL	FURNISHING AND PLACING TOPSOIL	ABIES FRASERI, FRASIER FIR, 6' - 8' HT. B.B.	ILEX VERTICILLATA COMMON WINTERBERRY 3'-4' HT. B.B.	VIBURNUM DILATATUM LINDEN VIBURNUM 2'-3' HT. B.B.	RUDBECKIA FULGIDA "GOLDSTRUM", GOLDSTRUM BLACK EYED SUSAN 1 GALLON CONTAINER	JUNIPERUS VIRGINIANA EASTERN REDCEDAR 4'-5' HT. B.B.	AMELANCHIER CANADENSIS SHADBLOW SERVICEBERRY 8'-10' HT. B.B.	PICEA GLAUCA, WHITE SPRUCE, 6' - 8' HT. B.B.	ALNUS RUGOSA, SPECKLED ALDER 18"-24" HT. B.B.	AMELANCHIER CANADENSIS SHADBLOW SERVICEBERRY 24"-36" HT. B.B.	TURF ESTABLISHMENT	TURF ESTABLISHMENT - LAWN	EROSION CONTROL MATTING TYPE C	EROSION CONTROL MATTING TYPE D	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	TYPE DE-1 DELINEATOR	TYPE DE-7 DELINEATOR	TYPE DE-9 DELINEATOR	TYPE DE-7A DELINEATOR
UNIT	l.f.	ea.	ea.	ea.	ea.	ea.	l.f.	l.f.	l.f.	l.f.	l.f.	l.f.	s.f.	l.f.	s.f.	s.y.	s.f.	s.y.	s.y.	c.y.	ea.	hr	ton	m.gal	s.y.	ea.	ea.	ea.	ea.	ea.	ea.	ea.	ea.	ea.	s.y.	s.y.	s.y.	s.y.	mo.		hr	l.s.	c.y.	l.s.	day	ea.	ea.	l.s.	ea.	ea.	ea.	ea.	ea.
EXIT 5																																																							
WB OFF RAMP			1	1			140	825		175														86	1778										1894										728			1		2	68	1	
EB OFF RAMP	1080		1	2	1		280	270					7722	429	88									118	3896										3896										728	23	2	1	46		64	6	
EXIT 6																																																							
EB ON RAMP	593		1	1	1		725	30	28			258									1		1	75	3198										3537			1036							728	5	1		10		30	2	
WB OFF RAMP	750				1		705	75	27														2	164	3779										3779			2557							728	5	1		10		28	5	25
ROUTE 37	13	1				1	822	824	425	384	500	20			19482	257	108	480		71	1		2	137	1719											1719	725					1		4368	79	6		158		23		
SECOND AVE															1222				175	12	1		0	20	532	2	6	8	30	9	5	5	2	8		532									5			10				
SUBTOTAL	2436	1	3	4	3	1	2672	2024	480	559	500	278	7722	429	20792	257	108	480	175	83	3	520	6	600	14902	2	6	8	30	9	5	5	2	8	13106	2251	725	3593	25		100	l.s.	1	l.s.	7280	117	10	l.s.	234	2	213	14	25
UNASSIGNED	264						328	31	20	56		22	778	41	2000	23	12	20	15	7		10	1	30	933										749	114	25	207							48	23			23		12		2
TOTAL	2700	1	3	4	3	1	3000	2055	500	615	500	300	8500	470	22792	280	120	500	190	90	3	530	7	630	15835	2	6	8	30	9	5	5	2	8	13855	2365	750	3800	25		100	l.s.	1	l.s.	7328	140	10	l.s.	257	2	225	14	27

	ROADWAY ITEMS																																																							
	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
ITEM NUMBER	1209114	1209124	1209126	1209128	1209131	1211001	1212001	1212002	1212003	1212006	1214002	1214003	1220013A		1300002A	1302053A	1303196A	1304025A	1401243A	1403501A	1507000	1700001A	1803064	1803071A	1806200	1807010	1807011	1807012	1807013	1807014																									
ITEM	HOT-APPLIED PAINTED PAVEMENT MARKINGS 4" YELLOW	HOT-APPLIED PAINTED PAVEMENT MARKINGS 4" WHITE	HOT-APPLIED PAINTED PAVEMENT MARKINGS 6" WHITE	HOT-APPLIED PAINTED PAVEMENT MARKINGS 8" WHITE	HOT-APPLIED PAINTED LEGEND, ARROWS AND MARKINGS	REMOVAL OF PAVEMENT MARKINGS	TEMPORARY PLASTIC PAVEMENT MARKING TAPE 4" YELLOW	TEMPORARY PLASTIC PAVEMENT MARKING TAPE 4" WHITE	TEMPORARY PLASTIC PAVEMENT MARKING TAPE 6" WHITE	TEMPORARY PLASTIC PAVEMENT MARKING TAPE 8" WHITE	6" PREFORMED BLACK LINE MASK PAVEMENT MARKING TAPE	8" PREFORMED BLACK LINE MASK PAVEMENT MARKING TAPE	CONSTRUCTION SIGNS - BRIGHT FLUORESCENT SHEETING		RELOCATION OF WATER MAINS	RESET WATERGATE	RELOCATE FIRE HYDRANT	RESET MANHOLE (WATER)	10" DUCTILE IRON PIPE (SANITARY SEWER)	RESET MANHOLE (SANITARY SEWER)	PROTECTION AND SUPPORT OF EXISTING UTILITIES	SERVICE CONNECTIONS (ESTIMATED COST)	TYPE B IMPACT ATTENUATION SYSTEM (TANGENTIAL) REPLACEMENT PARTS	TYPE B IMPACT ATTENUATION SYSTEM (TANGENTIAL)	TYPE D PORTABLE IMPACT ATTENUATION SYSTEM (UNDER ITEM NO. 1806200 "TYPE D PORTABLE IMPACT	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																											
UNIT	l.f.	l.f.	l.f.	l.f.	s.f.	s.f.	l.f.	l.f.	l.f.	l.f.	s.f.	s.f.	s.f.		ea.	ea.	ea.	ea.	l.f.	ea.	l.s.	est.	l.s.	ea.	hr	ea.	ea.	ea.	ea.	ea.																									
EXIT 5																																																							
WB OFF RAMP							2013	1381	765		1217		82														1		4	2																									
EB OFF RAMP	370	710			56		1381	2098	620	695	1392	466	247													4	5	7	24	12																									
EXIT 6																																																							
EB ON RAMP							1175	1680	508		1407		82													2	5	5	20	10																									
WB OFF RAMP	1340	3383	75	645	85	711		210	295	970	105	362	106										1	1		4	3	3	12	6																									
ROUTE 37	16861	14414		219	1729	4908							747		1	36	3	2	10	19																																			
SECOND AVE													422																																										
SUBTOTAL	18571	18507	75	864	1870	5619	4569	5369	2188	1665	4121	828	1686		1	36	3	2	10	19	l.s.	1	1	1	350	10	14	15	60	30																									
UNASSIGNED	429	193	5	36	48	81	191	291	312	135	279	72	84												150																														
TOTAL	19000	18700	80	900	1918	5700	4760	5660	2500	1800	4400	900	1770		1	36	3	2	10	19	l.s	1	1	1	500	10	14	15	60	30																									

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

Filename: CT_plan_border.dgn 3/28/2014 Border Version: 6/1/05

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DESIGNER/DRAFTER:

CHECKED BY:

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

ENGINEER: AECOM Technical Services, Inc.

APPROVED BY: Noel M. Pagan, P.E. DATE: 06/11/2014

AECOM

PROJECT TITLE: I-84 INTERCHANGES 5 & 6 IMPROVEMENTS

TOWN: DANBURY

DRAWING TITLE: DETAILED ESTIMATE

PROJECT NO. 34-313

DRAWING NO. G-3

SHEET NO. 01.03

	LANDSCAPING ITEMS																																																				
	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
ITEM NUMBER	0949000	0949012	0949023	0949142	0949149	0949177	0949410	0949495	0949609	0949650	0949711	0949719	0949751	0949828	0949832	0949846	0949919	0949970	0949978																																		
ITEM	WOOD CHIP MULCH	HEMEROCALLIS SPP. DAYLILY 1 GAL. CONT.	CORNUS SERICEA RED OSIER DOGWOOD 24" - 36" HT. B.B.	QUERCUS PALUSTRIS, PIN OAK, 24" - 36" HT. NO.3 CONTAINER	QUERCUS RUBRA, NORTHERN RED OAK, 24" - 36" HT. NO. 3 CONTAINER	VIBURNUM DENTATUM, ARROWWOOD VIBURNUM 18" - 24" HT. B.B.	RHUS AROMATICA FRAGRANT SUMAC 18"-24" HT. B.B.	LIQUIDAMBAR STYRACIFLUA , AMERICAN SWEETGUM, 24'-36' NO.3.CONTAINER	PICEA ABIES NORWAY SPRUCE 6'-8' HT. B.B.	PICEA PUNGENS COLORODO SPRUCE 6'-8' HT. B.B.	AMELANCHIER CANADENSIS SHADBLOW SERVICEBERRY 6'-8' HT. B.B.	CORNUS FLORIDA FLOWERING DOGWOOD 6'-8' HT. B.B.	CRATAEGUS CRUSGALLI COCKSPUR HAWTHORN 6'-8' HT. B.B.	ACER RUBRUM RED MAPLE 3'- 4' HT. WHIPS B.R.	ACER RUBRUM RED MAPLE 2"- 2 1/2" CAL. B.B.	ACER SACCHARUM SUGAR MAPLE 2"- 2 1/2" CAL. B.B.	PLATANUS ACERIFOLIA LONDON PLANETREE 2"-2 1/2" CAL. B.B.	QUERCUS BOREALIS NORTHERN RED OAK 2"- 2 1/2" CAL. B.B.	QUERCUS PALUSTRIS PIN OAK 2"- 2 1/2" CAL. B.B.																																		
UNIT	s.y.	ea.	ea.	ea.	ea.	ea.	ea.	ea.	ea.	ea.	ea.	ea.	ea.	ea.	ea.	ea.	ea.	ea.	ea.																																		
LDS-01	660			100	100	75	70	100	8		9	10		100	6				6																																		
LDS-02	660			20	20	20	20	20	12		3	5		20	3	3	3	2																																			
LDS-03	320			80	80	100		80	8					80																																							
LDS-04	332			40	40	100		40			3			40																																							
LDS-05	402	120	60						2				6						5																																		
LDS-06	215	250	25				30						13		2			2	8																																		
LDS-07																																																					
LDS-08	240			20	20			20	8	12				20	3			4	4																																		
LDS-09	425			80	80	100		80	3		3			80	2				5																																		
SUBTOTAL	3254	370	85	340	340	395	120	340	41	12	18	15	19	340	16	3	3	8	28																																		
UNASSIGNED	163	20	4	20	20	20	6	20	2	1	1	1	1	17	1				1																																		
TOTAL	3417	390	89	360	360	415	126	360	43	13	19	16	20	357	17	3	3	8	29																																		

	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
ITEM NUMBER																																																					
ITEM																																																					
UNIT																																																					
SUBTOTAL																																																					
UNASSIGNED																																																					
TOTAL																																																					

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

Filename: CT_plan_border.dgn 3/26/2014 Border Version: 6/1/05

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DESIGNER/DRAFTER:

CHECKED BY:

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

ENGINEER: **AECOM Technical Services, Inc.**

APPROVED BY: Noel M. Pagan, P.E. DATE: 06/11/2014

AECOM

PROJECT TITLE: **I-84 INTERCHANGES 5 & 6 IMPROVEMENTS**

TOWN: **DANBURY**

DRAWING TITLE: **DETAILED ESTIMATE**

PROJECT NO. **34-313**

DRAWING NO. **G-4**

SHEET NO. **01.04**

	STRUCTURE ITEMS																																																					
	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
ITEM NUMBER	0202479A	0203003	0203202	0204001	0213012	0216000A	0406171	0406173	0503420A	0508001	0513003	0520036A	0601005	0601091A	0601201	0601318A	0602003	0602011	0602910A	0603061A	0603062A	0603729A	0702109	0702501A	0702555	0702557	0702797	0707001	0708001	0714050A	0714999A	0751821	0822005	0904233	0913952A	0974001	1008315	1009016																
ITEM	REMOVAL OF HMA WEARING SURFACE	STRUCTURE EXCAVATION- EARTH (COMPLETE) STRUCTURE EXCAVATION EARTH (COMPLETE)-1000 TO 5000	STRUCTURE EXCAVATION-EARTH (EXCLUDING COFFERDAM AND DEWATERING)	COFFERDAM AND DEWATERING	GRANULAR FILL	PERVIOUS STRUCTURE BACKFILL	HMA S0.5	HMA S0.25	REMOVAL OF CONCRETE DECK(BRIDGE)	SHEAR CONNECTORS	1-1/2" POLYVINYL CHLORIDE PLASTIC PIPE	ASPHALTIC PLUG EXPANSION JOINT SYSTEM	CLASS "A" CONCRETE	SIMULATED STONE MASONRY	CLASS "F" CONCRETE	PARTIAL DEPTH PATCH	DEFORMED STEEL BARS	DEFORMED STEEL BARS-EPOXY COATED	DRILLING HOLES AND GROUTING DOWELS	STRUCTURAL STEEL (SITE NO. 1)	STRUCTURAL STEEL (SITE NO. 2)	LOCALIZED PAINT REMOVAL	PRE-AUGERING OF PILES	CAST-IN-PLACE CONCRETE PILES	TEST PILE (CAST-IN-PLACE CONCRETE 50' LONG)	TEST PILE (CAST-IN-PLACE CONCRETE 60' LONG)	DYNAMIC PILE DRIVING ANALYSIS (P.D.A.) TEST	MEMBRANE WATERPROOFING (WOVEN GLASS FABRIC)	DAMPPROOFING	TEMPORARY EARTH RETAINING SYSTEM	MONITORING STRUCTURES	6" STRUCTURE UNDERDRAIN	TEMPORARY PRECAST CONCRETE BARRIER CURB (STRUCTURE)	METAL BRIDGE RAIL (TRAFFIC) (EXTRUDED POST ALUMINUM)	PROTECTIVE FENCE (6' HIGH)	REMOVAL OF EXISTING MASONRY	2" RIGID METAL CONDUIT IN STRUCTURE	18" X 12" X 8" CAST IRON JUNCTION BOX																
UNIT	s.y.	c.y.	c.y.	l.f.	c.y.	c.y.	ton	ton	s.y.	l.s.	l.f.	c.f.	c.y.	s.y.	c.y.	c.f.	lb.	lb.	ea.	l.s.	l.s.	s.f.	l.f.	l.f.	ea.	ea.	ea.	s.y.	s.y.	s.f.	l.s.	l.f.	l.f.	l.f.	l.f.	c.y.	l.f.	ea.																
EXIT 5																																																						
Bridge No. 1185	930	625			85	450	106	53	23	l.s.	5	115	315		38	20	27000	9850	230	l.s.		10						1010	220	730			71			75	170	4																
EXIT 6																																																						
Bridge No. 1190	905	980				575	105	52	23	l.s	10	110	555		40	40	52000	9750	286		l.s	12	138	4982	2	2	4	980	260	1080	l.s	40	70			95	170	3																
Retaining Wall 101		1650			160	945							160	415	245		28000												510	4950				381																				
Retaining Wall 102		630			75	290							70	130	95		10500												190	1800				184																				
Outlet Wall			355	105	20	225							25	40	35		3000												65	350					44	3																		
SUBTOTAL	1835	3885	355	105	340	2485	211	105	46	l.s	15	225	1125	585	453	60	120500	19600	516	l.s	l.s	22	138	4982	2	2	4	1990	1245	8910	l.s	40	141	565	44	173	340	7																
UNASSIGNED																																																						
TOTAL	1835	3885	355	105	340	2485	211	105	46	l.s	15	225	1125	585	453	60	120500	19600	516	l.s	l.s	22	138	4982	2	2	4	1990	1245	8910	l.s	40	141	565	44	173	340	7																

	STRUCTURE - SIGNS ITEMS																																																					
	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
ITEM NUMBER	0603802	1201804A	1202999A	1203902A	1203109																																																	
ITEM	STRUCTURAL STEEL - SIGN SUPPORTS	4 CHORD TRUSS CANTILEVER SIGN STRUCTURE	DRILLED SHAFT TRAFFIC STRUCTURE FOUNDATION	STRUCTURE MOUNTED SIGN SUPPORT	SIDE MOUNTED SIGN FOUNDATION																																																		
UNIT	cwt.	ea.	ea.	ea.	ea.																																																	
EXIT 5	12	2	2		4																																																	
EXIT 6	6			3	2																																																	
SUBTOTAL	18	2	2	3	6																																																	
UNASSIGNED																																																						
TOTAL	18	2	2	3	6																																																	

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

Filename: CT_plan_border.dgn 3/28/2014 Border Version: 6/1/05

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DESIGNER/DRAFTER:

CHECKED BY:

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

ENGINEER: AECOM Technical Services, Inc.

APPROVED BY: Noel M. Pagan, P.E. DATE: 06/11/2014

AECOM

PROJECT TITLE: I-84 INTERCHANGES 5 & 6 IMPROVEMENTS

TOWN: DANBURY

DRAWING TITLE: DETAILED ESTIMATE

PROJECT NO. 34-313

DRAWING NO. G-5

SHEET NO. 01.05

SIGNING AND PAVEMENT MARKING ITEMS

ITEM NUMBER	0930001	0952001A	1203109	1204247A	1205201	1205202	1206023A	1206025A	1207034A	1208906	1208928	1210101A	1210102A	1210103A	1210104A	1210105A
	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
ITEM	OBJECT MARKER	SELECTIVE CLEARING AND THINNING	SIDE MOUNTED SIGN FOUNDATION	REVISION OF LEGEND	TYPE DE-1 DELINEATOR	TYPE DE-2 DELINEATOR	REMOVAL AND RELOCATION OF EXISTING SIGNS	REMOVAL AND RELOCATION OF EXISTING OVERHEAD SIGNS	SIGN FACE - EXTRUDED ALUMINUM (TYPE IV RETROREFLECTIVE SHEETING)	SIGN FACE - SHEET ALUMINUM - BRIGHT WIDE ANGLE RETRO- REFLECTIVE SHEETING	SIGN FACE - SHEET ALUMINUM (TYPE III REFLECTIVE SHEETING)	4" WHITE EPOXY RESIN PAVEMENT MARKINGS	4" YELLOW EPOXY RESIN PAVEMENT MARKINGS	6" WHITE EPOXY RESIN PAVEMENT MARKINGS	8" WHITE EPOXY RESIN PAVEMENT MARKINGS	EPOXY RESIN PAVEMENT MARKINGS, SYMBOLS AND LEGENDS
UNIT	ea.	l.s.	ea.	ea.	ea.	ea.	l.s.	l.s.	s.f.	s.f.	s.f.	l.f.	l.f.	l.f.	l.f.	s.f.
EXIT 5	6	1	4	1	12	28	1	1	951	84	468	3455	455	587	808	166
EXIT 6																
I-84 EB									381.25		6	2290	651	113	260	160
I-84 WB									552	50	238	1707	470	59	581	506
RTE 37			2				1	1	178	13	302	6231	4589			683
Second Ave										6			660			15
Walnut St										6		74	68			184
Hayestown Ave											21	327	268			287
Padanaram Ave										6	6	187	68			196
North St Shopping Center										6	11	220	100			80
SUBTOTAL	6	1	6	1	12	28	2	2	2061.8	171.5	1050.9	14491	7329	759	1649	2277
UNASSIGNED									103	9	53	725	366	38	82	89
TOTAL	6	1	6	1	12	28	2	2	2164.8	180.5	1103.9	15216	7695	797	1731	2366

ITEM NUMBER																
	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
ITEM																
UNIT																
SUBTOTAL																
UNASSIGNED																
TOTAL																

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
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ENGINEER: AECOM Technical Services, Inc.

APPROVED BY: Noel M. Pagan, P.E. DATE: 06/11/2014

AECOM

PROJECT TITLE: I-84 INTERCHANGES 5 & 6 IMPROVEMENTS

TOWN: DANBURY

DRAWING TITLE: DETAILED ESTIMATE

PROJECT NO. 34-313

DRAWING NO. G-6

SHEET NO. 01.06

	TRAFFIC SIGNAL ITEMS																																																						
	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
ITEM NUMBER	0921001A	1001001	1002201	1002202	1002203	1002208	1008115	1008215	1010005	1010021	1010052A	1010054A	1102002	1102014	1103021A	1103022A	1103029A	1104026A	1104031A	1105001A	1105003A	1105007A	1105101A	1105103A	1105303A	1106001A	1106003A	1108187A	1108449A	1108724A	1111033A	1111401A	1111414A	1111415A	1111416A	1111451A	1112209A	1112241A	1112410A	1112470A	1113023A	1113037A	1113049	1113050	1113102	1113103	1113104	1113109	1113396A	1113550A	1113801A	1114102	1118007A
ITEM	CONCRETE SIDEWALK	TRENCHING AND BACKFILLING	TRAFFIC CONTROL FOUNDATION- SPAN POLE	TRAFFIC CONTROL FOUNDATION- MAST ARM	TRAFFIC CONTROL FOUNDATION- PEDESTAL-TYPE I	TRAFFIC CONTROL FOUNDATION - CONTROLLER - TYPE IV	2" RIGID METAL CONDUIT IN TRENCH	2" RIGID METAL CONDUIT UNDER ROADWAY	CONCRETE HANDHOLE - TYPE W	CONCRETE HANDHOLE - TYPE II	CAST IRON HANDHOLE COVER	CAST IRON HANDHOLE COVER, TYPE II	8' ALUMINUM PEDESTAL	20' ALUMINUM PEDESTAL	28' STEEL SPAN POLE	30' STEEL SPAN POLE	31' STEEL SPAN POLE	25' STEEL MAST ARM ASSEMBLY	35' STEEL MAST ARM ASSEMBLY	1 WAY, 1 SECTION SPAN WIRE TRAFFIC SIGNAL	1 WAY, 3 SECTION SPAN WIRE TRAFFIC SIGNAL	2 WAY, 3 SECTION SPAN WIRE TRAFFIC SIGNAL	1 WAY, 1 SECTION MAST ARM TRAFFIC SIGNAL	1 WAY, 3 SECTION MAST ARM TRAFFIC SIGNAL	1 WAY, 3 SECTION PEDESTAL MOUNTED TRAFFIC SIGNAL	1 WAY PEDESTRIAN SIGNAL POLE MOUNTED	1 WAY PEDESTRIAN SIGNAL PEDESTAL MOUNTED	SYSTEM INTEGRATION	ADVANCED TRANSPORTATION CONTROLLER, MODEL 2070	PHASE SELECTOR	LOOP VEHICLE DETECTOR 2 CHANNEL, RACKMOUNT TYPE	LOOP VEHICLE DETECTOR	CAMERA VIDEO DETECTION SYSTEM TYPE 2 (2 CAMERA)	CAMERA VIDEO DETECTION SYSTEM TYPE 3 (3 CAMERA)	CAMERA VIDEO DETECTION SYSTEM TYPE 4 (4 CAMERA)	LOOP DETECTOR SAW CUT	CAMERA EXTENSION BRACKET	FIBER OPTIC CABLE SPLICE ENCLOSURE	DETECTOR (TYPE A)	PRE-EMPTION SYSTEM CHASIS	12 FIBER OPTIC SINGLE MODE -AERIAL	12 FIBER OPTIC SINGLE MODE CABLE IN CONDUIT	2 CONDUCTOR NO. 8 CABLE	2 CONDUCTOR NO. 14 CABLE	5 CONDUCTOR NO. 14 CABLE	7 CONDUCTOR NO. 14 CABLE	9 CONDUCTOR NO. 14 CABLE	21 CONDUCTOR NO. 14 CABLE	CABLE CLOSURE (TYPE A)	DETECTOR CABLE (OPTICAL)	CAMERA CABLE	SPAN WIRE	ADJUST EXISTING SIGNAL INSTALLATION
UNIT	s.f.	l.f.	ea.	ea.	ea.	ea.	l.f.	l.f.	ea.	ea.	ea.	ea.	ea.	ea.	ea.	ea.	ea.	ea.	ea.	ea.	ea.	ea.	ea.	ea.	ea.	ea.	ea.	l.s.	ea.	ea.	ea.	ea.	ea.	ea.	ea.	l.f.	ea.	ea.	ea.	ea.	l.f.	l.f.	l.f.	l.f.	l.f.	l.f.	l.f.	l.f.	ea.	l.f.	l.f.	l.f.	ea.
34-207	9	523	4		3	1	80	443	2	8	2	5	2			2	2			6	4	2				2	2		1			6		1		200	2	1			200	300	239		443	466	213	128	3	205	452	329	
34-235	9	1148	3		3	1	536	612	6	5	1	3	3			3					2	4			1				1			8			1	250	3	1			250	300	181	473	189	507	128	62	1	85	525	208	
34-299	9	92	2		2	1	75	17	3	5			2		2					2	6				1		1		1			3		1		100	4	1				270		92		891	153	66	1	86	272	290	
34-309	9	712		2	1	1	110	352	5	5	1	5	1					1	1				2	5		1	1		1	1	1	6	1			200	2	1	1	1	250	300	55			1081	79			236	331		
34-227	9					1	200			3	3			1																		4	1			150	2	1			200			400							100		1
34-263	9					1	200		1	1	1	1		1															1			3	1			100	2	1			200			400							100		1
INTER- CONNECT																												1													1100	1170											
SUBTOTAL	54	2475	9	2	9	6	1201	1424	17	27	8	14	8	2	2	5	2	1	1	8	12	6	2	5	2	3	4	1	5	1	1	30	3	2	1	1000	15	6	1	1	2200	2340	475	1365	632	2945	573	256	5	612	1780	827	2
UNASSIGNED	3	124					60	71																												50					110	117	24	68	32	147	29	13		31	89	41	
TOTAL	57	2599	9	2	9	6	1261	1495	17	27	8	14	8	2	2	5	2	1	1	8	12	6	2	5	2	3	4	1	5	1	1	30	3	2	1	1050	15	6	1	1	2310	2457	499	1433	664	3092	602	269	5	643	1869	868	2

	TRAFFIC SIGNAL ITEMS						
	P	P	P	P	P	P	P
ITEM NUMBER	1118012A	1118051A	1118052A	1118053A	1118301A	1118302A	1118303A
ITEM	REMOVAL AND/OR RELOCATION OF TRAFFIC SIGNAL EQUIPMENT	TEMPORARY SIGNALIZATION (SITE NO. 1)	TEMPORARY SIGNALIZATION (SITE NO. 2)	TEMPORARY SIGNALIZATION (SITE NO. 3)	RELOCATE PRE-EMPTION SYSTEM (SITE NO. 1)	RELOCATE PRE-EMPTION SYSTEM (SITE NO. 2)	RELOCATE PRE-EMPTION SYSTEM (SITE NO. 3)
UNIT	l.s.	l.s.	l.s.	l.s.	l.s.	l.s.	l.s.
34-207	1	1			1		
34-235	1		1			1	
34-299	1			1			1
34-309							
34-227							
34-263							
INTER- CONNECT							
SUBTOTAL	3	1	1	1	1	1	1
UNASSIGNED							
TOTAL	3	1	1	1	1	1	1

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
Filename:	CT_plan_border.dgn	3/28/2014	Border Version: 6/1/05

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DESIGNER/DRAFTER:

CHECKED BY:

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

ENGINEER: AECOM Technical Services, Inc.

APPROVED BY: Noel M. Pagan, P.E. DATE: 06/11/2014

AECOM

PROJECT TITLE: I-84 INTERCHANGES 5 & 6 IMPROVEMENTS

TOWN: DANBURY

DRAWING TITLE: DETAILED ESTIMATE

PROJECT NO. 34-313

DRAWING NO. G-7

SHEET NO. 01.07

	IMS ITEMS																																																					
	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
ITEM NUMBER	1001001A	1008015	1008017	1008115	1008117	1010021	1015001	1017034A	1132001A	1012036	1112252A	1113725	1113726																																								
ITEM	TRENCHING AND BACKFILLING	2" RIGID METAL CONDUIT - SURFACE	3" RIGID METAL CONDUIT - SURFACE	2" RIGID METAL CONDUIT - IN TRENCH	3" RIGID METAL CONDUIT -IN TRENCH	CONCRETE HANDHOLE - TYPE II	NO. 8 BARE COPPER GROUNDING CONDUCTOR	INSTALL SERVICE	RELOCATE INCIDENT MANAGEMENT SYSTEM	NO. 6 SINGLE CONDUCTOR	EQUIPMENT OPERATIONS	23 AWG 4 TWISTED PAIR CATEGORY 6 CABLE	NO. 20 AWG, 6 TWISTED PAIR COMMUNICATION CABLE																																								
UNIT	ft	ft	ft	ft	ft	ea	ft	ea	l.s.	ft	est.	ft	ft																																								
EXIT 6																																																					
EB ON RAMP																																																					
WB OFF RAMP																																																					
ROUTE 37	165	25	5	212	13	2	8	1		495		165	165																																								
SECOND AVE																																																					
EXIT 5																																																					
WB OFF RAMP																																																					
EB OFF RAMP																																																					
SUBTOTAL	165	25	5	212	13	2	8	1	1	495		165	165																																								
UNASSIGNED																																																					
TOTAL	165	25	5	212	13	2	8	1	1	495		165	165																																								

	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
ITEM NUMBER																																																					
ITEM																																																					
UNIT																																																					
SUBTOTAL																																																					
UNASSIGNED																																																					
TOTAL																																																					

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DESIGNER/DRAFTER:

CHECKED BY:

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

ENGINEER: **AECOM Technical Services, Inc.**

APPROVED BY: Noel M. Pagan, P.E. DATE: **06/11/2014**

AECOM

PROJECT TITLE:
I-84 INTERCHANGES 5 & 6 IMPROVEMENTS

TOWN:
DANBURY

DRAWING TITLE:
DETAILED ESTIMATE

PROJECT NO. **34-313**

DRAWING NO. **G-8**

SHEET NO. **01.08**

ILLUMINATION ITEMS

	P	P	P	P	P	P	P	P	P	P
ITEM NUMBER	1001001	1002101	1003202	1003906A	1003912A	1003916A	1004303	1008015	1008115	1008215
ITEM	TRENCHING AND BACKFILLING	LIGHT STANDARD FOUNDATION - TYPE I	LIGHT STANDARD (6' BRACKET, 30' MOUNTING HEIGHT) ALUMINUM	REMOVE LIGHT STANDARD	REMOVE CONCRETE LIGHT STANDARD BASE	REMOVE AND RELOCATE LIGHT STANDARD	ROADWAY LUMINAIRE-HIGH PRESSURE SODIUM (200 WATT)	2" RIGID METAL CONDUIT - SURFACE	2" RIGID METAL CONDUIT IN TRENCH	2" RIGID METAL CONDUIT UNDER ROADWAY
UNIT	l.f.	ea.	ea.	ea.	ea.	ea.	ea.	l.f.	l.f.	l.f.
INTERCHANGE 5										
BRIDGE NO. 01185 I-84 OVER KOHANZA	475	3			3	3		30	150	
INTERCHANGE 6										
BRIDGE NO. 01190 I-84 OVER TAMARACK	1650	8	7	5	6	1	7	200		120
SUBTOTAL	2125	11	7	5	9	4	7	230	150	120
UNASSIGNED										
TOTAL	2125	11	7	5	9	4	7	230	150	120

	P	P	P	P	P	P	P	P	P	P
ITEM NUMBER	1008901A	1010011	1010902A	1011001	1012031	1014131	1014901A	1015001	1019027A	1020030A
ITEM	REMOVE CONDUIT	CONCRETE HANDHOLE - TYPE I	REMOVE CONCRETE HANDHOLE	4 INCH DRAIN PIPE	NO. 2 SINGLE CONDUCTOR	CABLE IN DUCT (THREE NO. 2 CONDUCTORS)	REMOVE CABLE	NO. 8 BARE COPPER GROUNDING CONDUCTOR	PREASSEMBLED AERIAL CABLE	TEMPORARY ILLUMINATION UNIT
UNIT	l.f.	ea.	ea.	l.f.	l.f.	l.f.	l.f.	l.f.	l.f.	ea.
INTERCHANGE 5										
BRIDGE NO. 01185 I-84 OVER KOHANZA	450	1	1		540	450	180	630	600	3
INTERCHANGE 6										
BRIDGE NO. 01190 I-84 OVER TAMARACK	200	4	4	60	960	1600		1840	400	1
SUBTOTAL	650	5	5	60	1500	2050	180	2470	1000	4
UNASSIGNED										
TOTAL	650	5	5	60	1500	2050	180	2470	1000	4

ENVIRONMENTAL ITEMS

	P	P	P	P	P	P	P
ITEM NUMBER	0020763A	0101000A	0101117A	0101128A	0101130A	0202315A	0202318A
ITEM	DISPOSAL OF SEDIMENTS	ENVIRONMENTAL HEALTH AND SAFETY	CONTROLLED MATERIALS HANDLING	SECURING, CONSTRUCTION AND DISMANTLING OF A WASTE STOCKPILE AND TREATMENT AREA	ENVIRONMENTAL WORK - SOLIDIFICATION	DISPOSAL OF CONTROLLED MATERIALS	MANAGEMENT OF REUSABLE CONTROLLED MATERIAL
UNIT	ton	l.s.	c.y.	l.s.	ton	ton	c.y.
EXITS 5 & 6	30	1	8720	1	1	14260	1750
SUBTOTAL	30	1	8720	1	1	14260	1750
UNASSIGNED							
TOTAL	30	1	8720	1	1	14260	1750

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ENGINEER: **AECOM Technical Services, Inc.**

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AECOM

PROJECT TITLE: **I-84 INTERCHANGES 5 & 6 IMPROVEMENTS**

TOWN: **DANBURY**

DRAWING TITLE: **DETAILED ESTIMATE**

PROJECT NO. **34-313**

DRAWING NO. **G-9**

SHEET NO. **01.09**