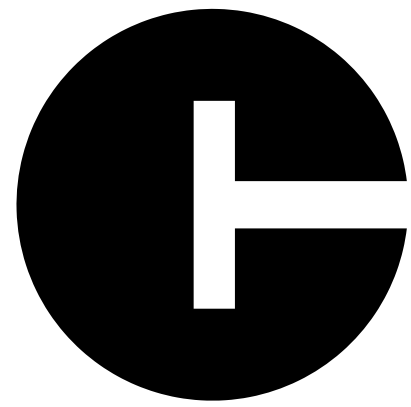




CONNECTICUT DEPARTMENT OF TRANSPORTATION

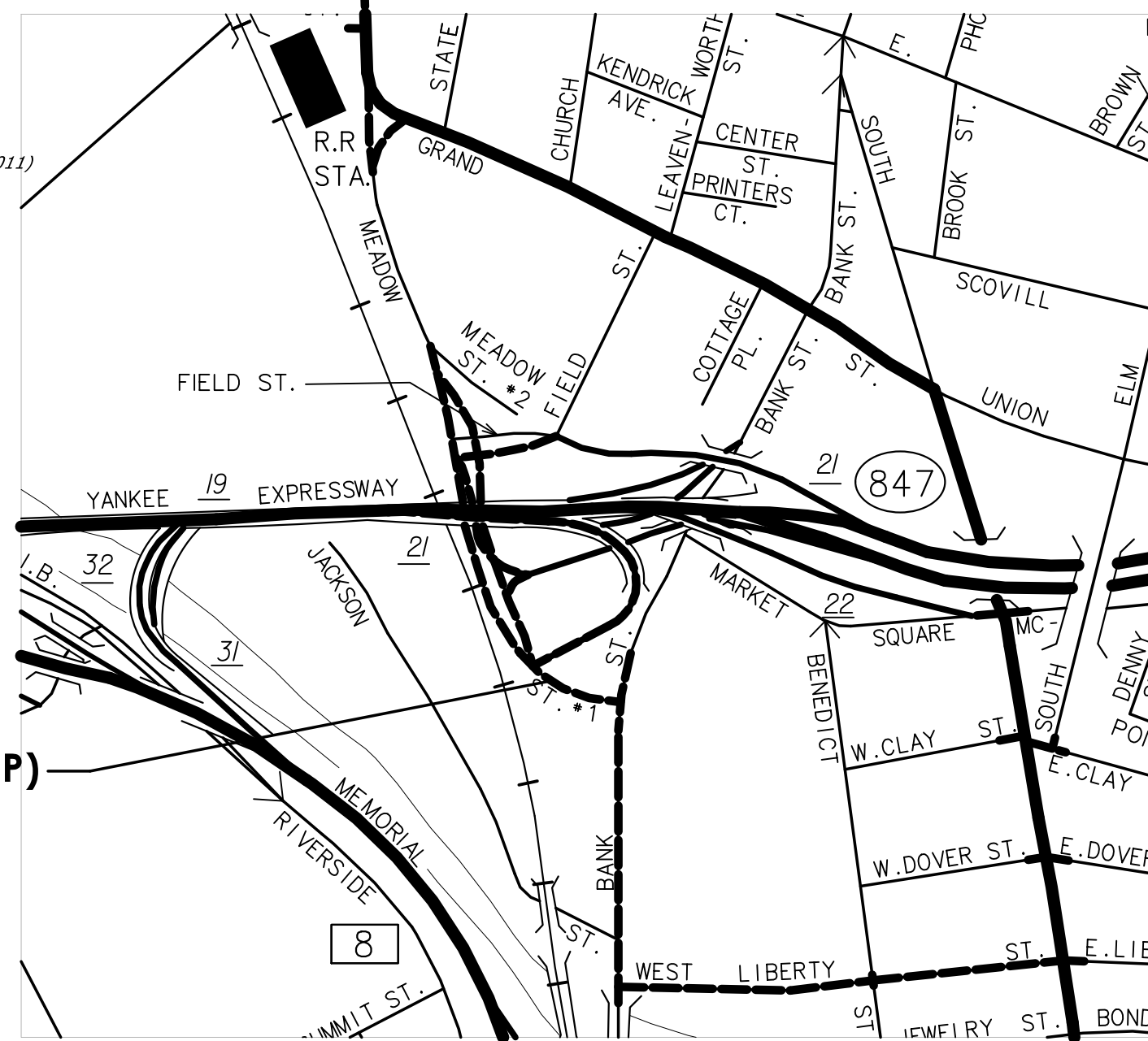


Plans For REMOVAL OF I-84 EASTBOUND EXIT 21 OFF-RAMP

City of WATERBURY

ROAD	MAINTENANCE RESPONSIBILITY	LENGTH
WEST LIBERTY STREET	CITY	1450 FEET
EAST LIBERTY STREET	CITY	275 FEET
BENEDICT STREET	CITY	200 FEET
SOUTH MAIN STREET	STATE	1500 FEET
WEST DOVER STREET	CITY	60 FEET
EAST DOVER STREET	CITY	90 FEET
WEST CLAY STREET	CITY	130 FEET
EAST CLAY STREET	CITY	290 FEET
MARKET SQUARE	CITY	500 FEET
MCMAHON STREET	CITY	220 FEET
BANK STREET	CITY	1700 FEET
MEADOW STREET	CITY	1450 FEET
I-84	STATE	2400 FEET
FREIGHT STREET	CITY	580 FEET
SOUTH ELM STREET	CITY	100 FEET
FIELD STREET	CITY	290 FEET
GRAND STREET	CITY	400 FEET

F.A.P. #	MAINTENANCE RESPONSIBILITY	PROJECT #
0842(327)	STATE	0151-0340



STATE PROJECT 0151-0340 LIMITS (TYP)

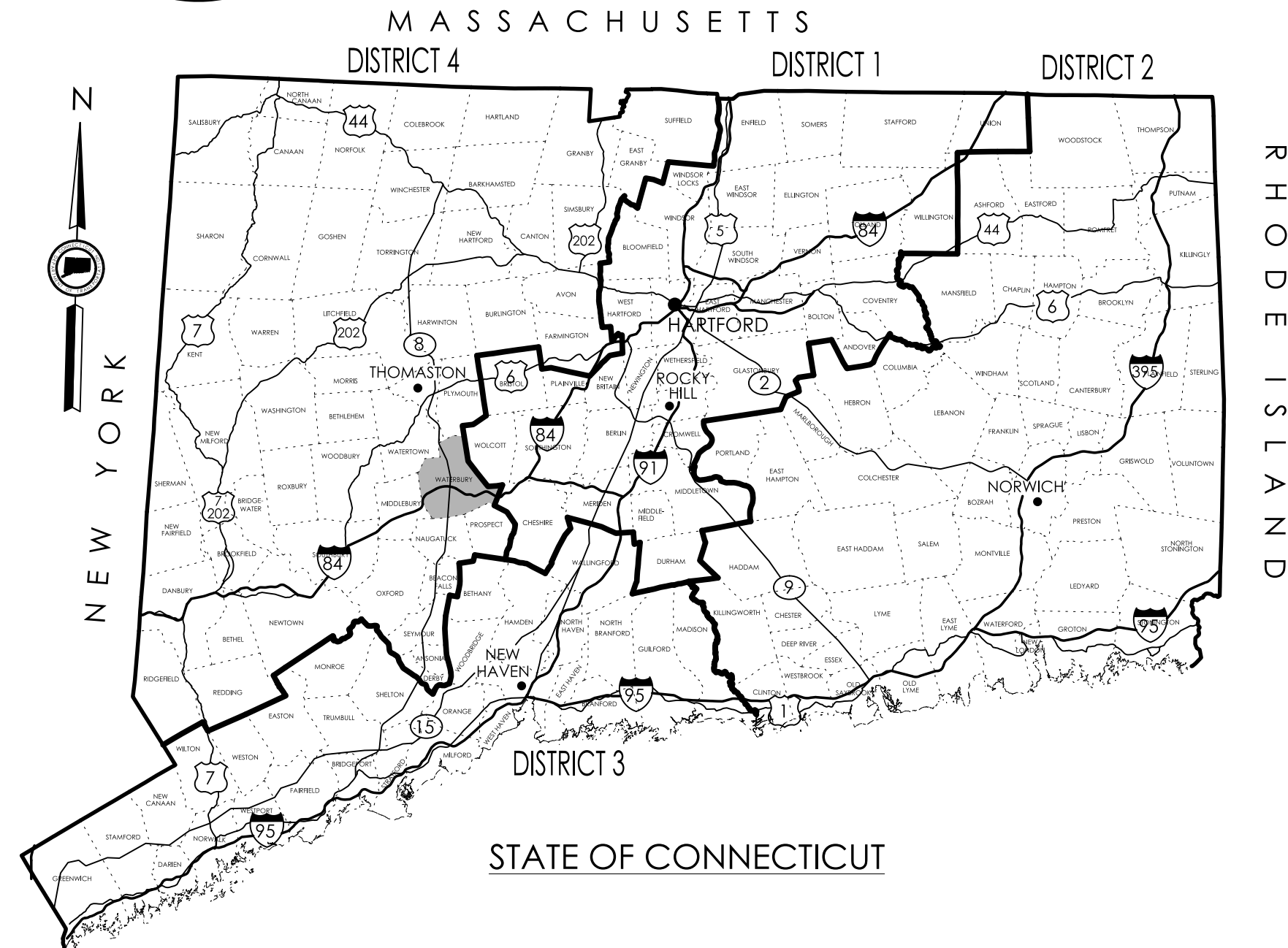
LIST OF SUBSETS		
SUBSET NO.	SUBSET TITLE	*SUBSET SHEET COUNT
01	GENERAL	8
02	REVISIONS	1
03	HIGHWAYS	119
04	STRUCTURES	13
05	STRUCTURES - MAST ARMS	4
06	STRUCTURES - SPAN POLES	4
07	TRAFFIC	64
08	ILLUMINATION	9
09	LANDSCAPE	5
10	FIO - WATER	3
11	FIO - ELECTRIC	2
12	FIO - RECORD PLANS	10
13	FIO - PROPERTY MAPS	37
A	HIGHWAY STANDARD DETAIL SHEETS	41
B	TRAFFIC STANDARD DETAIL SHEETS	23

LIST OF DRAWINGS SUBSET 01 - GENERAL	
DRAWING TITLE	DRAWING NO.
TITLE SHEET	G-01
DETAILED ESTIMATE SHEET	DES-01 TO DES-07

STANDARD EXISTING SURVEY CONVENTIONS	
Chain Link Fence	Riprap
Rustic Fence	Hedge Row
Pipe Fence	Tree Line
Board Fence	Leveled Outcrop
Retaining Wall	Stone Wall
Edge of Road	Shrub
Concrete Pavement	Evergreen Tree
Dirt Road	Deciduous Tree
Bit. Conc. Curb	Transmission Tower
Granite Curb	Building
Guide Rail	
Concrete Median Barrier	
Bit. Walk	
Conc. Sidewalk	

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.	
DESIGNED BY: BL COMPANIES INC.	
BL COMPANIES, INC. 100 CONSTITUTION PLAZA, 10TH FLOOR WATTFORD, CT 06103	

REMOVAL OF I-84 EASTBOUND EXIT 21 OFF-RAMP	
City WATERBURY	
STATE PROJECT NO.	DRAWING NO. G-01
0151-0340	SHEET NO. 01.01



GENERAL NOTES:

- FEDERAL AID PROJECT NO. 0842(327)
- CONSTRUCTION SPECIFICATIONS:
Connecticut Department of Transportation, Standard Specifications for Roads, Bridges, Facilities and Incidental Construction, Form 819 (2024); Supplemental Specifications, dated January 2025; and Special Provisions
- 400 FOOT GRID BASED ON CONNECTICUT COORDINATE SYSTEM N.A.D. 1983
- VERTICAL DATUM BASED ON NAVD 1988
- Surveyed By: Connecticut Department of Transportation, District 4

DISCLAIMER:

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[illegible]

SUBTOTAL	360	2364	8302	13810	2	1	13	8	32	2	1	3	1	1	7	2	2	1	17	27	8	1	3	8	1	27	20	LS	216	1743	317	104	8
UNASSIGNED	18	130	416	791	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	88	16	6	1	
TOTAL	378	2714	8718	16601	4	1	15	6	32	2	1	3	1	1	9	2	2	1	17	29	6	1	5	6	1	29	20	LS	227	1831	335	110	9

SIGNATURE BLOCK:



DESIGNER/DRAFTER:

CHECKED BY:



CONNECTICUT

DEPARTMENT OF

TRANSPORTATION

PROJECT TITLE:

REMOVAL OF I-84 EASTBOUND EXIT 21 OFF-RAMP

TOWN(S):

WATERBURY

DRAWING TITLE:

HIGHWAY DETAILED
ESTIMATE SHEET

PROJECT NO.:

0151-0340

DRAWING NO.:

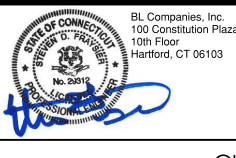
DES-01

SHEET NO.:

01.02

REV.	DATE	REVISION DESCRIPTION

DESIGNER/DRAFTER:	Chester	CHECKED BY:	
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CONNECTICUT
DEPARTMENT OF
TRANSPORTATION

PROJECT TITLE:	REMOVAL OF I-84 EASTBOUND EXIT 21 OFF-RAMP
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TOWN(S):	WATERBURY
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DRAWING TITLE:	HIGHWAY DETAILED ESTIMATE SHEET
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PROJECT NO.:	0151-0340	DRAWING NO.:	DES-02
		SHEET NO.:	01.03

ITEM	ITEM	UNIT	QUANTITY	SUBTOTAL	UNASSIGNED	TOTAL	ITEM	ITEM	UNIT	QUANTITY	SUBTOTAL	UNASSIGNED	TOTAL
0686000.42	42" R.C. PIPE - 0' - 10' DEEP	LF	8	8	1	9	0943001	WATER FOR DUST CONTROL	M.GA	2153	2153	108	2261
0686000.54	54" R.C. PIPE - 0' - 10' DEEP	LF	16	16	1	17	0944000	FURNISHIG AND PLACING TOP SOIL	SY	10981	10981	550	11531
0686001.18	18" R.C. PIPE - 0' - 20' DEEP	LF	4	4	1	5	0947003A	BUS PASSENGER SHELTER	EA	2	2	-	2
0686001.54	54" R.C. PIPE - 0' - 20' DEEP	LF	8	8	1	9	0949131	SYRINGA RETICULATA, "IVORY SILK" JAPANESE TREE LILAC 2'-2.5' CAL. B.B.	EA	7	7	-	7
0686230.06	6" HIGH DENSITY POLYETHYLENE PIPE - 0' - 10' DEEP	LF	60	60	3	63	0949452	TILIA AMERICANA, AMERICAN LINDEN 2.5" - 3.0" CAL. B.B.	EA	17	17	-	17
0686700.24	24" REINFORCED CONCRETE DRAINAGE PIPE END	LF	1	1	-	1	0949493	ULMUS AMERICANA "PRINCETON", PRINCETON AMERICAN ELM 2.5" - 3" CAL. B.B.	EA	11	11	-	11
0686950.10	REMOVE EXISTING PIPE - 0' - 10' DEEP	LF	189	189	10	199	0949602	JUNIPERUS VIRGINIANA EASTERN RED CEDAR 6'-8" HT. B.B.	EA	5	5	-	5
0703012	MODIFIED RIPRAP	CY	21	21	2	23	0949711	AMELANCHIER CANADENSIS SHADBLOW SERVICEBERRY 6'-8" HT. B.B.	EA	3	3	-	3
0716000	TEMPORARY EARTH RETAINING SYSTEM	SF	1109	1109	56	1165	0949840	ACER RUBRUM COLUMNARE COLUMNAR RED MAPLE 2.5'-3" CAL B.B.	EA	18	18	-	18
0751713A	12" UNDERDRAIN	LF	118	118	6	124	0950005	TURF ESTABLISHMENT	SY	7617	7617	381	7998
0755014.01	GEOTEXTILE (SEPARATION - CLASS 1)	SY	996	996	50	1046	0950021A	LOW GROWTH TURF MIX	SY	3365	3365	169	3534
0755040A	GEOCELL FOR ACCESS ROADS	SY	996	996	50	1046	0950039	EROSION CONTROL MATTING TYPE D	SY	112	112	6	118
0811001	CONCRETE CURBING	LF	2121	2121	107	2228	0950040A	CONSERVATION SEEDING FOR SLOPES	SY	212	212	11	223
0813021	6" GRANITE STONE CURBING	LF	1948	1948	1011	2959	0952001A	SELECTIVE CLEARING AND THINNING	LS		LS	-	LS
0813031	6" GRANITE CURVED STONE CURBING	LF	203	203	11	214	0969030A	PROJECT COORDINATOR	LS		LS	-	LS
0814002	RESET GRANITE STONE CURBING	LF	4276	4276	214	4490	0969055A	CONTRACTOR QUALITY CONTROL MANAGER AND QUALITY PROGRAM LEVEL 1	LS		LS	-	LS
0814005	RESET GRANITE CURVED STONE CURBING	LF	74	74	4	78	0969064A	CONSTRUCTION FIELD OFFICE LARGE	MO	24	24	-	24
0910300	METAL BEAM RAIL (R-B MASH)	LF	613	613	31	644	0971001A	MAINTENANCE AND PROTECTION OF TRAFFIC	LS		LS	-	LS
0911912	ANCHOR IN EARTH CUT SLOPE	EA	1	1	-	1	0975004	MOBILIZATION AND PROJECT CLOSEOUT	LS		LS	-	LS
0911923	R-B END ANCHORAGE - TYPE I	EA	2	2	-	2	0980020	CONSTRUCTION SURVEYING	LS		LS	-	LS
0911924	R-B END ANCHORAGE - TYPE II	EA	1	1	-	1	0992090A	BENCH	EA	2	2	-	2
0912503	REMOVE METAL BEAM RAIL	LF	823	823	42	865	1010902A	REMOVE CONCRETE HANDHOLE	EA	5	5	-	5
0913021	6' CHAIN LINK FENCE	LF	623	623	32	655	1010905A	RESET CONCRETE HANDHOLE	EA	36	36	-	36
0913027A	REMOVE AND RELOCATE CHAIN LINK FENCE	LF	574	574	29	603	1302046A	RESET MANHOLE (WATER)	EA	8	8	-	8
0913835	REMOVE AND RESET CHAIN LINK FENCE	LF	118	118	6	124	1302061A	ADJUST GATE BOX (WATER)	EA	43	43	-	43
0913944	34' CHAIN LINK DOUBLE GATE 6' HIGH	EA	1	1	-	1	1302062A	ADJUST GATE BOX (GAS)	EA	34	34	-	34
0921001	CONCRETE SIDEWALK	SF	46068	46068	2304	48372	1403501A	RESET MANHOLE (SANITARY SEWER)	EA	24	24	-	24
0921005	CONCRETE SIDEWALK RAMP	SF	10492	10492	525	11017	2999998A	ON-THE-JOB TRAINING PROGRAM	HR	12000	12000	-	12000
0921048	DETECTABLE WARNING SURFACE	SF	931	931	47	978							
0922500	BITUMINOUS CONCRETE DRIVEWAY (COMMERCIAL)	SY	641	641	33	674							
0922501	BITUMINOUS CONCRETE DRIVEWAY	SY	185	185	10	195							
0924006	CONCRETE DRIVEWAY RAMP	SF	1509	1509	76	1585							
0942001	CALCIUM CHLORIDE FOR DUST CONTROL	TON	17	17	1	18							

REV.	DATE	REVISION DESCRIPTION

SIGNATURE BLOCK:

 BL Companies, Inc.
100 Constitution Plaza
10th Floor
Hartford, CT 06103

the se

DESIGNER/DRAFTER: _____ CHECKED BY: _____



CONNECTICUT
DEPARTMENT OF
TRANSPORTATION

PROJECT TITLE:

REMOVAL OF I-84 EASTBOUND EXIT 21 OFF-RAMP

TOWN(S):

WATERBURY

DRAWING TITLE:

**TRAFFIC DETAILED
ESTIMATE SHEET**

PROJECT NO.:	DRAWING NO.:
0151-0340	DES-04
	SHEET NO.:
	01.05

ITEM NUMBER	ITEM	UNIT	QUANTITY	SUBTOTAL	UNASSIGNED	TOTAL
1111401A	LOOP VEHICLE DETECTOR	EA	2	2	-	2
1111451A	LOOP DETECTOR SAW CUT	LF	145	145	10	155
1111600A	EXTENSION BRACKET	EA	3	3	-	3
1112286A	360- DEGREE CAMERA ASSEMBLY	EA	12	12	-	12
1112287A	360-DEGREE VIDEO DETECTION PROCESSOR	EA	8	8	-	8
1113008	3 CONDUCTOR NO. 6 AWG TYPE SE STYLE THW	LF	900	900	140	1040
1113050	2 CONDUCTOR NO. 14 CABLE	LF	590	590	90	680
1113102	5 CONDUCTOR NO. 14 CABLE	LF	9780	9780	1470	11250
1113103	7 CONDUCTOR NO. 14 CABLE	LF	8190	8190	1230	9420
1113104	9 CONDUCTOR NO. 14 CABLE	LF	1660	1660	250	1910
1113125	25 CONDUCTOR NO. 14 CABLE	LF	170	170	30	200
1113182A	360-DEGREE SYSTEM LONG RANGE CABLE	LF	300	300	50	350
1113399	CABLE CLOSURE	EA	2	2	-	2
1113550A	DETECTOR CABLE (OPTICAL)	LF	3920	3920	590	4510
1113725A	23 AWG 4 TWISTED PAIR CATEGORY 6 CABLE	LF	1990	1990	300	2290
1114102A	SPAN WIRE	LF	260	260	15	275
1115001	3" POLYVINYL CHLORIDE CONDUIT	LF	140	140	20	160
1117104A	WRONG WAY DETECTION AND WARNING SYSTEM - AC POWERED	EA	4	4	-	4
1117107A	WRONG WAY DETECTION SIGN UNIT	EA	4	4	-	4
1118012A	REMOVAL AND/OR RELOCATION OF TRAFFIC SIGNAL EQUIPMENT	LS	-	LS	-	LS
1118051A	TEMPORARY SIGNALIZATION (SITE NO. 1)	LS	-	LS	-	LS
1118052A	TEMPORARY SIGNALIZATION (SITE NO. 2)	LS	-	LS	-	LS
1118053A	TEMPORARY SIGNALIZATION (SITE NO. 3)	LS	-	LS	-	LS
1118054A	TEMPORARY SIGNALIZATION (SITE NO. 4)	LS	-	LS	-	LS
1118055A	TEMPORARY SIGNALIZATION (SITE NO. 5)	LS	-	LS	-	LS
1118056A	TEMPORARY SIGNALIZATION (SITE NO. 6)	LS	-	LS	-	LS
1118057A	TEMPORARY SIGNALIZATION (SITE NO. 7)	LS	-	LS	-	LS
1118058A	TEMPORARY SIGNALIZATION (SITE NO. 8)	LS	-	LS	-	LS
1118301A	RELOCATE PRE-EMPTION SYSTEM (SITE NO. 1)	LS	-	LS	-	LS
1118302A	RELOCATE PRE-EMPTION SYSTEM (SITE NO. 2)	LS	-	LS	-	LS
1118303A	RELOCATE PRE-EMPTION SYSTEM (SITE NO. 3)	LS	-	LS	-	LS
1118304A	RELOCATE PRE-EMPTION SYSTEM (SITE NO. 4)	LS	-	LS	-	LS
1118305A	RELOCATE PRE-EMPTION SYSTEM (SITE NO. 5)	LS	-	LS	-	LS

ITEM NUMBER	ITEM	UNIT	QUANTITY	SUBTOTAL	UNASSIGNED	TOTAL
1118306A	RELOCATE PRE-EMPTION SYSTEM (SITE NO. 6)	LS	-	LS	-	LS
1118307A	RELOCATE PRE-EMPTION SYSTEM (SITE NO. 7)	LS	-	LS	-	LS
1118308A	RELOCATE PRE-EMPTION SYSTEM (SITE NO. 8)	LS	-	LS	-	LS
1130010	ARROW BOARD	DAY	720	720	40	760
1131002	REMOTE CONTROL CHANGEABLE MESSAGE SIGN	DAY	1470	1470	75	1545
1205207	TYPE DE-7 DELINEATOR	EA	290	290	15	305
1205214	TYPE DE-7A DELINEATOR	EA	175	175	10	185
1206023A	REMOVAL AND RELOCATION OF EXISTING SIGNS	LS	-	LS	-	LS
1206025A	REMOVAL AND RELOCATION OF EXISTING OVERHEAD SIGNS	LS	-	LS	-	LS
1207041A	SIGN FACE - EXTRUDED ALUMINUM (TYPE XI RETIROREFLECTIVE SHEETING)	SF	790	790	40	830
1208931A	SIGN FACE - SHEET ALUMINUM (TYPE IX RETIROREFLECTIVE SHEETING)	SF	630	630	70	700
1208937A	SIGN FACE - SHEET ALUMINUM (TYPE XI RETIROREFLECTIVE SHEETING)	SF	750	750	80	830
1209114	HOT-APPLIED PAINTED PAVEMENT MARKINGS 4" YELLOW	LF	15770	15770	790	16560
1209124	HOT-APPLIED PAINTED PAVEMENT MARKINGS 4" WHITE	LF	13510	13510	680	14190
1209126	HOT-APPLIED PAINTED PAVEMENT MARKINGS 6" WHITE	LF	1520	1520	80	1600
1209128	HOT-APPLIED PAINTED PAVEMENT MARKINGS 8" WHITE	LF	2810	2810	150	2960
1209131	HOT-APPLIED PAINTED PAVEMENT MARKINGS	SF	1740	1740	180	1920
1210101	4" WHITE EPOXY RESIN PAVEMENT MARKINGS	LF	19730	19730	990	20720
1210102	4" YELLOW EPOXY RESIN PAVEMENT MARKINGS	LF	14600	14600	730	15330
1210104	8" WHITE EPOXY RESIN PAVEMENT MARKINGS	LF	620	620	70	690
1210105	EPOXY RESIN PAVEMENT MARKINGS, SYMBOLS AND LEGENDS	SF	9270	9270	470	9740
1210110A	4" WHITE TYPE I EPOXY RESIN PAVEMENT MARKINGS	LF	330	330	40	370
1210112A	12" WHITE TYPE I EPOXY RESIN PAVEMENT MARKINGS	LF	1910	1910	200	2110
1210113A	6" WHITE TYPE I EPOXY RESIN PAVEMENT MARKINGS	LF	2910	2910	150	3060
1210114A	6" YELLOW TYPE I EPOXY RESIN PAVEMENT MARKINGS	LF	960	960	50	1010
1210115A	8" WHITE TYPE I EPOXY RESIN PAVEMENT MARKINGS	LF	380	380	20	400
1211001	REMOVAL OF PAVEMENT MARKINGS	SF	8670	8670	440	9110
1220027A	CONSTRUCTION SIGNS	SF	1620	1620	85	1705
1802210.02	TEMPORARY SAND BARREL (200 lb.)	EA	2	2	-	2
1802210.04	TEMPORARY SAND BARREL (400 lb.)	EA	15	15	-	15
1802210.07	TEMPORARY SAND BARREL (700 lb.)	EA	15	15	-	15
1802210.14	TEMPORARY SAND BARREL (1400 lb.)	EA	45	45	-	45
1802210.21	TEMPORARY SAND BARREL (2100 lb.)	EA	25	25	-	25

[illegible][illegible]

SIGNATURE BLOCK:  DESIGNER/DRAFTER: _____ CHECKED BY: _____		 CONNECTICUT DEPARTMENT OF TRANSPORTATION	PROJECT TITLE: REMOVAL OF I-84 EASTBOUND EXIT 21 OFF-RAMP	TOWN(S): WATERBURY	DRAWING TITLE: TRAFFIC DETAILED ESTIMATE SHEET	PROJECT NO.: 0151-0340	DRAWING NO.: DES-05 SHEET NO.: 01.06
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PLOTTED DATE: 8/22/2025

