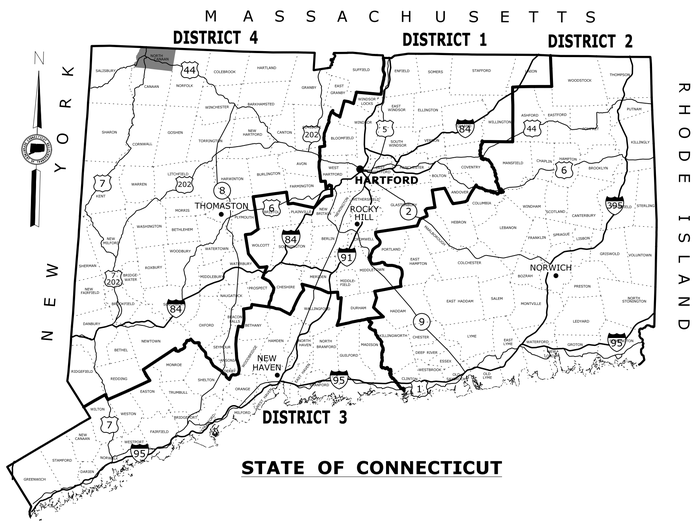
CONNECTICUT DEPARTMENT OF TRANSPORTATION

Plans For

RAILROAD-HIGHWAY GRADE CROSSING IMPROVEMENTS U.S. ROUTES 7&44 (MAIN STREET)

Town of

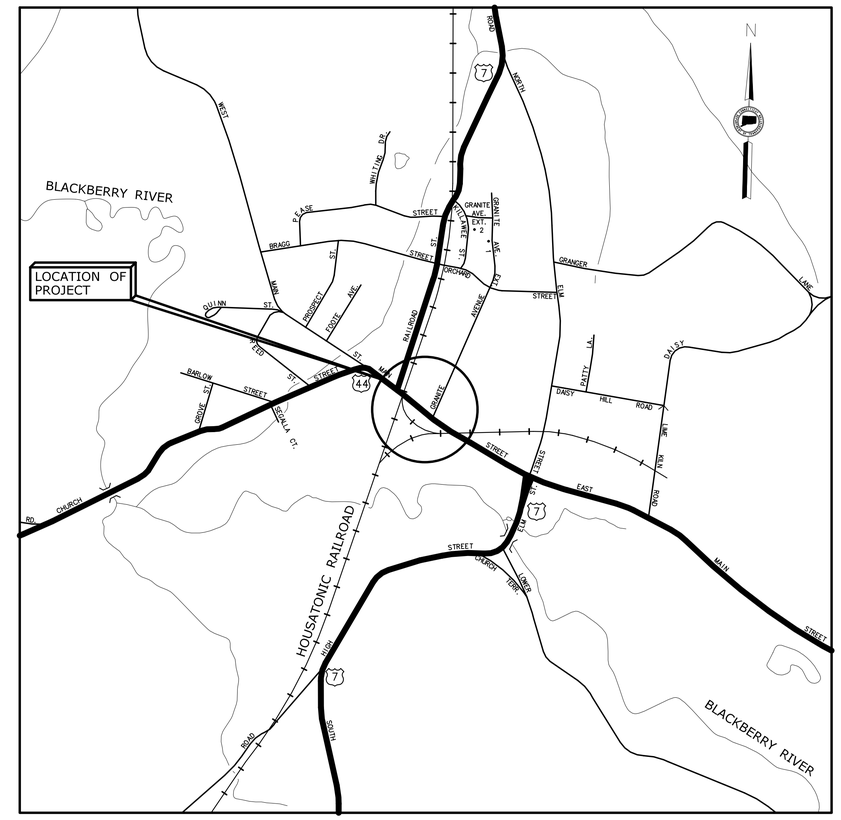
NORTH CANAAN



STATE OF CONNECTICUT

ROAD	MAINTENANCE RESPONSIBILITY	LENGTH
U.S. ROUTE 7	STATE	950 FEET
U.S. ROUTE 44	STATE	950 FEET

F.A.P. #	MAINTENANCE RESPONSIBILITY	PROJECT #
0014(150)	STATE	0099-0114
0014(167)	STATE	0099-0115



LOCATION PLAN

NOT TO SCALE

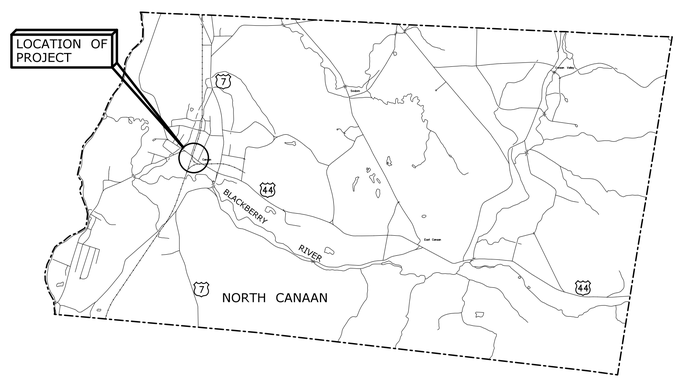
GENERAL NOTES:

1. FEDERAL AID PROJECT NO. 0014(150) AND 0014(167)
2. CONSTRUCTION SPECIFICATIONS:
   CONNECTICUT DEPARTMENT OF TRANSPORTATION, STANDARD SPECIFICATIONS FOR ROADS, BRIDGES AND INCIDENTAL CONSTRUCTION, FORM 817, DATED 2016; SUPPLEMENTAL SPECIFICATIONS, DATED JULY 2018; AND SPECIAL PROVISIONS.
3. 400 FOOT GRID BASED ON CONNECTICUT COORDINATE SYSTEM N.A.D. 1927.
4. VERTICAL DATUM BASED ON NGVD OF 1929.

DISCLAIMER

IT IS THE RESPONSIBILITY OF EACH BIDDER AND ALL OTHER INTERESTED PARTIES TO OBTAIN ALL BIDDING RELATED INFORMATION AND DOCUMENTS FROM OFFICAL SOURCES WITHIN THE DEPARTMENT.

PERSONS AND/OR ENTITIES WHICH REPRODUCE AND/OR MAKE SUCH INFORMATION AVAILABLE BY ANY MEANS ARE NOT AUTHORIZED BY THE DEPARTMENT TO DO SO AND MAY BE LIABLE FOR CLAIMS RESULTING FROM THE DISSEMINATION OF UNOFFICAL, INCOMPLETE AND/OR INACCURATE INFORMATION.



LIST OF SUBSETS

SUBSET NO.	SUBSET TITLE	*SUBSET SHEET COUNT
01	GENERAL	4
02	REVISIONS	1
03	HIGHWAYS	36
04	TRAFFIC	10
05	ILLUMINATION	6
06	AQUARION WATER COMPANY	8
07	COMCAST - FIO	4
08	EVERSOURCE ENERGY - FIO	2
	HIGHWAY STANDARD SHEETS	
	TRAFFIC STANDARD SHEETS	

*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	G-2
DETAILED ESTIMATE SHEET	G-3
DETAILED ESTIMATE SHEET	G-4

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.

DESIGNED BY:

BL Companies

BL COMPANIES, INC.
355 RESEARCH PARKWAY
MERIDEN, CT 06450

STATE OF CONNECTICUT MICHAEL G. FISHER No. 24170 LICENSED PROFESSIONAL ENGINEER

Digitally signed by Michael Fisher
Date: 2020.02.25 10:03:54-05'00'

Plans For
RAILROAD-HIGHWAY GRADE CROSSING IMPROVEMENTS
U.S. ROUTE 7&44 (MAIN STREET)

Town
NORTH CANAAN

STATE PROJECT NO.
99-114/115

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

ITEM NUMBER	0201001 P	0202000 P	0202100 P	0202200 P	0202452 P	0202454A P	0202512 P	0202522A P	0202529 P	0209001 P	0212000 P	0213100 P	0219001 P	0219011 P	0286001.10 P	0286001.20 P	0406002 P	0406159A P	0406160A P	0406236 P	0406273A P	0586002.10 P	0586002.20 P	0586006.10 P	0586043.20 P	0586500.10 P	0586501.05 P	0586790.10 P	0586801 P	0686000.12 P	0686000.15 P	0686000.18 P	0686000.24 P	0686002.18 P	0686002.24 P	0686200.08 P	0686250.12 P	0686700.18 P	0686950.10 P	0703012 P	0755014 P	0813021 P	0813031 P	0915000A P	0921001 P	0921005A P	0921039A P	0922001 P
ITEM	CLEARING AND GRUBBING	EARTH EXCAVATION	ROCK EXCAVATION	CHANNEL EXCAVATION - EARTH	TEST PIT	SPECIAL TEST PIT - WATER	CUT CONCRETE SIDEWALK	REMOVAL OF BITUMINOUS TYPE PAVEMENT	CUT BITUMINOUS CONCRETE PAVEMENT	FORMATION OF SUBGRADE	SUBBASE	GRANULAR FILL	SEDIMENTATION CONTROL SYSTEM	SEDIMENTATION CONTROL SYSTEM AT CATCH BASIN	ROCK IN DRAINAGE TRENCH EXCAVATION - 0' - 10' DEEP	ROCK IN DRAINAGE TRENCH EXCAVATION - 0' - 20' DEEP	TEMPORARY PAVEMENT	PMA S0.5	PMA S1.0	MATERIAL FOR TACK COAT	FINE MILLING OF BITUMINOUS CONCRETE (0" TO 4")	TYPE 'C' CATCH BASIN (4' SUMP) - 0' - 10' DEEP	TYPE 'C' CATCH BASIN (4' SUMP) - 0' - 20' DEEP	TYPE 'C' CATCH BASIN DOUBLE GRATE TYPE 2 (4' SUMP) - 0' - 10' DEEP	TYPE 'C-L' CATCH BASIN DOUBLE GRATE TYPE 1 (4' SUMP) - 0' - 20' DEEP	MANHOLE - 0' - 10' DEEP	MANHOLE (5' DIAMETER) - 0' - 10' DEEP	REMOVE DRAINAGE STRUCTURE - 0' - 10' DEEP	LAWN DRAIN	12" R.C. PIPE - 0' - 10' DEEP	15" R.C. PIPE - 0' - 10' DEEP	18" R.C. PIPE - 0' - 10' DEEP	24" R.C. PIPE - 0' - 10' DEEP	18" R.C. PIPE (CLASS V) - 0' - 10' DEEP	24" R.C. PIPE (CLASS V) - 0' - 10' DEEP	8" POLYVINYL CHLORIDE PIPE - 0' - 10' DEEP	12" HIGH DENSITY POLYETHYLENE PIPE-PERFORATED (SMOOTH INTERIOR) - 0' - 10' DEEP	18" REINFORCED CONCRETE DRAINAGE PIPE END	REMOVE EXISTING PIPE - 0' - 10' DEEP	MODIFIED RIPRAP	GEOTEXTILE (SEPARATION-HIGH SURVIVABILITY)	6" GRANITE STONE CURBING	6" GRANITE CURVED STONE CURBING	TREE PROTECTION	CONCRETE SIDEWALK	CONCRETE SIDEWALK RAMP	DETECTABLE WARNING STRIP	BITUMINOUS CONCRETE SIDEWALK
UNIT	L.S.	C.Y.	C.Y.	C.Y.	EA.	EA.	L.F.	S.Y.	L.F.	S.Y.	C.Y.	C.Y.	L.F.	EA.	C.Y.	C.Y.	S.Y.	TON	TON	GAL	S.Y.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	E.A.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	EA.	L.F.	C.Y.	S.Y.	L.F.	L.F.	L.S.	S.F.	S.F.	EA.	S.Y.
	L.S.	1005	53	95	3	1	27	17	1369	1898	633	6	958	14	45	6	87	451	328	199	123	8	1	2	2	2	1	4	1	294	102	329	94	34	84	60	5	2	187	11	31	792	68	L.S.	168	239	4	35
SUBTOTAL	L.S.	1005	53	95	3	1	27	17	1369	1898	633	6	958	14	45	6	87	451	328	199	123	8	1	2	2	2	1	4	1	294	102	329	94	34	84	60	5	2	187	11	31	792	68	L.S.	168	239	4	35
UNASSIGNED	-	45	7	15	0	0	13	3	131	112	27	1	92	2	4	1	13	19	12	21	12	0	0	0	0	0	0	0	0	21	8	24	7	3	6	5	1	0	14	4	4	78	7	-	17	26	0	5
TOTAL	L.S.	1050	60	110	3	1	40	20	1500	2010	660	7	1050	16	49	7	100	470	340	220	135	8	1	2	2	2	1	4	1	315	110	353	101	37	90	65	6	2	201	15	35	870	75	L.S.	185	265	4	40

ITEM NUMBER	0922500 P	0939001 P	0943001 P	0944000 P	0950005 P	0950036 P	0952001A P	0969062A P	0970007 P	0971001A P	0975004 P	0976002 P	0977001 P	0978002 P	0979003 P	0980001 P	1206023A P	1208931A P	1209114 P	1210101 P	1210102 P	1210105 P	1220027 P	1302053 P
ITEM	BITUMINOUS CONCRETE DRIVEWAY (COMMERCIAL)	SWEEPING FOR DUST CONTROL	WATER FOR DUST CONTROL	FURNISHING & PLACING TOPSOIL	TURF ESTABLISHMENT	EROSION CONTROL MATTING TYPE E	SELECTIVE CLEARING AND THINNING	CONSTRUCTION FIELD OFFICE (MEDIUM)	TRAFFICPERSON (UNIFORMED FLAGGER)	MAINTENANCE AND PROTECTION OF TRAFFIC	MOBILIZATION AND PROJECT CLOSEOUT	BARRICADE WARNING LIGHTS - HIGH INTENSITY	TRAFFIC CONE	TRAFFIC DRUM	CONSTRUCTION BARRICADE TYPE III	CONSTRUCTION STAKING	REMOVAL AND RELOCATION OF EXISTING SIGNING	SIGN FACE - SHEET ALUMINUM (TYPE IX RETRO-REFLECTIVE SHEETING)	HOT-APPLIED PAINTED PAVEMENT MARKINGS 4" YELLOW	4" WHITE EPOXY RESIN PAVEMENT MARKINGS	4" YELLOW EPOXY RESIN PAVEMENT MARKINGS	EPOXY RESIN PAVEMENT MARKINGS, SYMBOLS AND LEGENDS	CONSTRUCTION SIGNS	RESET WATERGATE
UNIT	S.Y.	HR	M.GA	S.Y.	S.Y.	S.Y.	L.S.	MO	HR	L.S.	L.S.	DAY	EA.	EA.	EA.	L.S.	L.S.	S.F.	L.F.	L.F.	L.F.	S.F.	S.F.	EA.
	304	18	133	815	815	113	L.S.	6	120	L.S.	L.S.	70	25	40	5	L.S.	L.S.	6	655	1200	1378	249	370	6
SUBTOTAL	304	18	141	815	815	113	L.S.	6	120	L.S.	L.S.	70	25	40	5	L.S.	L.S.	6	655	1200	1378	249	370	6
UNASSIGNED	31	0	0	85	85	17	-	0	0	-	-	0	15	15	1	-	-	1	75	120	132	21	30	0
TOTAL	335	18	141	900	900	130	L.S.	6	120	L.S.	L.S.	70	40	55	6	L.S.	L.S.	7	730	1320	1510	270	400	6

NP= FEDERAL AID NON PARTICIPATING
=FOR INTERNAL USE ONLY
NOT A LEGAL DEFINITION

A = ** See Special Provisions **

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: 2/24/2020

DESIGNER/DRAFTER: **JHE**
CHECKED BY: **MF**
NOT TO SCALE

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\HW_MSH_99-114-115_DES-01.dgn

SIGNATURE/BLOCK:

BL Companies
BL COMPANIES, INC.
355 RESEARCH PARKWAY
MERIDEN, CT 06450

PROJECT TITLE:
RAILROAD-HIGHWAY GRADE CROSSING IMPROVEMENTS U.S. ROUTES 7&44 (MAIN ST.)

TOWN: **NORTH CANAAN**

DRAWING TITLE: **DETAILED ESTIMATE SHEET**

PROJECT NO. **99-114**
DRAWING NO. **G-2**
SHEET NO. **01.02**

ITEM NUMBER	0201001 P	0201013 P	0202000 P	0202100 P	0202200 P	0202452 P	0202512 P	0202513 P	0202522A P	0202529 P	0202559 P	0209001 P	0212000 P	0213100 P	0219001 P	0219011 P	0286001.10 P	0286001.20 P	0406002 P	0406159A P	0406160A P	0406236 P	0406275A P	0586002.10 P	0586002.20 P	0586006.10 P	0586014.10 P	0586014.20 P	0586040.10 P	0586040.20 P	0586041.10 P	0586044.10 P	0586500.10 P	0586501.05 P	0586790.10 P	0586801 P	0601000 P	0601020 P	0686000.12 P	0686000.15 P	0686000.24 P	0686000.36 P	0686002.15 P	0686002.24 P	0686200.08 P	0686200.12 P	0686200.18 P	0686250.12 P
ITEM	CLEARING AND GRUBBING	REMOVAL OF EXISTING FENCE	EARTH EXCAVATION	ROCK EXCAVATION	CHANNEL EXCAVATION - EARTH	TEST PIT	CUT CONCRETE SIDEWALK	REMOVAL OF CONCRETE SIDEWALK	REMOVAL OF BITUMINOUS TYPE PAVEMENT	CUT BITUMINOUS CONCRETE PAVEMENT	REMOVE AND RESET SURVEY MONUMENT	FORMATION OF SUBGRADE	SUBBASE	GRANULAR FILL	SEDIMENTATION CONTROL SYSTEM	SEDIMENT CONTROL SYSTEM AT CATCH BASIN	ROCK IN DRAINAGE TRENCH EXCAVATION - 0' - 10' DEEP	ROCK IN DRAINAGE TRENCH EXCAVATION - 0' - 20' DEEP	TEMPORARY PAVEMENT	PMA S0.5	PMA S1.0	MATERIAL FOR TACK COAT	FINE MILLING OF BITUMINOUS CONCRETE (0" TO 4")	TYPE 'C' CATCH BASIN (4' SUMP) - 0' - 10' DEEP	TYPE 'C' CATCH BASIN (4' SUMP) - 0' - 20' DEEP	TYPE 'C' CATCH BASIN DOUBLE GRATE TYPE 2 (4' SUMP) - 0' - 10' DEEP	OFFSET TYPE 'C' CATCH BASIN (4' SUMP) - 0' - 10' DEEP	OFFSET TYPE 'C' CATCH BASIN (4' SUMP) - 0' - 20' DEEP	TYPE 'C-L' CATCH BASIN - 0' - 10' DEEP	TYPE 'C-L' CATCH BASIN - 0' - 20' DEEP	TYPE 'C-L' CATCH BASIN (4' SUMP) - 0' - 10' DEEP	TYPE 'C-L' CATCH BASIN (4' SUMP) - 0' - 20' DEEP	TYPE 'C-L' CATCH BASIN DOUBLE GRATE TYPE 2 (4' SUMP) - 0' - 10' DEEP	MANHOLE - 0' - 10' DEEP	MANHOLE (5' DIAMETER) - 0' - 10' DEEP	REMOVE DRAINAGE STRUCTURE - 0' - 10' DEEP	LAWN DRAIN	CLASS "A" CONCRETE	STAMPED CONCRETE	12" RCP PIPE - 0' - 10' DEEP	15" RCP PIPE - 0' - 10' DEEP	24" RCP PIPE - 0' - 10' DEEP	36" RCP PIPE - 0' - 10' DEEP	15" R.C. PIPE (CLASS V) - 0' - 10' DEEP	24" R.C. PIPE (CLASS V) - 0' - 10' DEEP	8" POLYVINYL CHLORIDE PIPE - 0' - 10' DEEP	12" POLYVINYL CHLORIDE PIPE - 0' - 10' DEEP	18" POLYVINYL CHLORIDE PIPE - 0' - 10' DEEP	12" HIGH DENSITY POLYETHYLENE PIPE-PERFORATED (SMOOTH INTERIOR) - 0' - 10' DEEP
UNIT	L.S.	L.F.	C.Y.	C.Y.	C.Y.	EA.	L.F.	S.Y.	S.Y.	L.F.	EA.	S.Y.	C.Y.	C.Y.	L.F.	EA.	C.Y.	C.Y.	S.Y.	TON	TON	GAL	S.Y.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	C.Y.	S.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.
	L.S.	40	1001	53	1987	3	18	14	247	1221	2	1715	572	18	1991	12	79	6	113	483	314	210	750	4	1	1	2	1	1	1	2	1	6	1	4	1	9	50	422	204	682	15	28	50	18	4	4	15
SUBTOTAL	L.S.	40	1001	53	1987	3	18	14	247	1221	2	1715	572	18	1991	12	79	6	113	483	314	210	750	4	1	1	2	1	1	1	2	1	6	1	4	1	9	50	422	204	682	15	28	50	18	4	4	15
UNASSIGNED	-	5	59	7	103	0	2	2	13	119	0	175	38	2	199	2	6	1	7	17	16	25	75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	30	15	48	2	2	4	2	1	1	2
TOTAL	L.S.	45	1060	60	2090	3	20	16	260	1340	2	1890	610	20	2190	14	85	7	120	500	330	235	825	4	1	1	2	1	1	1	2	1	6	1	4	1	9	55	452	219	730	17	30	54	20	5	5	17

ITEM NUMBER	0686700.24 P	0686950.10 P	0703012 P	0703031A P	0728017A P	0755001 P	0755014 P	0811001 P	0813021 P	0813031 P	0815001 P	0914001 P	0914018A P	0915000A P	0921001 P	0921005A P	0921024A P	0921039A P	0922001 P	0922500 P	0924002 P	0939001 P	0943001 P	0944000 P	0950005 P	0950036 P	0952001A P	0974001 P	0969062A P	0970007 P	0971001A P	0975004 P	0976002 P	0977001 P	0978002 P	0979003 P	0980001 P	1001001 P	1002151 P	1002203 P	1002291A P	1003595A P	1008115 P	1008116 P	1008127 P	1008468 P	1008908A P	1010001 P
ITEM	24" REINFORCED CONCRETE DRAINAGE PIPE END	REMOVE EXISTING PIPE - 0' - 10' DEEP	MODIFIED RIPRAP	ROCK WEIR	RIVER ROCK	FILTER FABRIC	GEOTEXTILE (SEPARATION - HIGH SURVIVABILITY)	CONCRETE CURBING	6" GRANITE STONE CURBING	6" GRANITE CURVED STONE CURBING	BITUMINOUS CONCRETE LIP CURBING	METAL HANDRAIL	ORNAMENTAL METAL FENCE (4' HIGH)	TREE PROTECTION	CONCRETE SIDEWALK	CONCRETE SIDEWALK RAMP	CONCRETE PAVERS	DETECTABLE WARNING STRIP	BITUMINOUS CONCRETE SIDEWALK	BITUMINOUS CONCRETE DRIVEWAY (COMMERCIAL)	CONCRETE DRIVEWAY RAMP	SWEEPING FOR DUST CONTROL	WATER FOR DUST CONTROL	FURNISHING AND PLACING TOPSOIL	TURF ESTABLISHMENT	EROSION CONTROL MATTING TYPE E	SELECTIVE CLEARING AND THINNING	REMOVAL OF EXISTING MASONRY	CONSTRUCTION FIELD OFFICE, MEDIUM	TRAFFICPERSON (UNIFORMED FLAGGER)	MAINTENANCE AND PROTECTION OF TRAFFIC	MOBILIZATION AND PROJRCT CLOSEOUT	BARRICADE WARNING LIGHTS - HIGH INTENSITY	TRAFFIC CONE	TRAFFIC DRUM	CONSTRUCTION BARRICADE TYPE III	CONSTRUCTION STAKING	TRENCHING AND BACKFILLING	LIGHT STANDARD FOUNDATION	TRAFFIC CONTROL FOUNDATION - PEDISTAL - TYPE 1	MODIFICATION OF TRAFFIC CONTROL FOUNDATION	DECORATIVE LIGHT POLE AND LIGHT FIXTURE	2" RIDIG METAL CONDUIT IN TRENCH	21/2" RIDIG METAL CONDUIT IN TRENCH	2" POLYVINYL CHLORIDE CONDUIT IN TRENCH	4" RIGID METAL CONDUIT	CLEAN EXISTING CONDUIT	CONCRETE HANDHOLE
UNIT	EA.	L.F.	C.Y.	EA.	TON	S.Y.	S.Y.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	LS.	S.F.	S.F.	S.F.	EA.	S.Y.	S.Y.	S.Y.	HR	M.GA	S.Y.	S.Y.	S.Y.	L.S.	C.Y.	MO	HR.	L.S.	L.S.	DAY	EA.	EA.	EA.	L.S.	L.F.	EA.	EA.	EA.	EA.	L.F.	L.F.	L.F.	L.F.	L.F.	E.A.
	1	118	35	1	4	2	1659	11	726	68	21	158	92	LS.	620	506	2607	10	57	635	54	18	132	595	595	1552	L.S.	2	6	120	L.S.	L.S.	70	25	40	5	L.S.	165	13	1	1	13	35	5	1950	124	500	7
SUBTOTAL	1	118	35	1	4	3	1659	11	726	68	21	158	92	LS.	620	506	2607	10	57	635	54	18	132	595	595	1552	L.S.	2	6	120	L.S.	L.S.	70	25	40	5	L.S.	165	13	1	1	13	35	5	1950	124	500	7
UNASSIGNED	0	9	5	0	0	0	161	4	74	7	4	12	5	-	65	54	263	1	3	65	6	0	0	60	60	158	-	0	0	0	-	-	0	15	15	1	0	15	0	0	0	0	5	0	195	0	50	0
TOTAL	1	127	40	1	4	3	1820	15	800	75	25	170	97	LS.	685	560	2870	11	60	700	60	18	132	655	655	1710	L.S.	2	6	120	L.S.	L.S.	70	40	55	6	L.S.	180	13	1	1	13	40	5	2145	124	550	7

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REV.	DATE	REVISION DESCRIPTION	SHEET NO.

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Plotted Date: 2/24/2020

DESIGNER/DRAFTER: JHE
CHECKED BY: MF
NOT TO SCALE

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\HW_MSH_99-114-115_DES-02.dgn

SIGNATURE/BLOCK:

BL Companies
BL COMPANIES, INC.
355 RESEARCH PARKWAY
MERIDEN, CT 06450

PROJECT TITLE:
RAILROAD-HIGHWAY GRADE CROSSING IMPROVEMENTS
U.S. ROUTES 7&44 (MAIN ST.)

TOWN: NORTH CANAAN

DRAWING TITLE: DETAILED ESTIMATE SHEET

PROJECT NO. 99-115
DRAWING NO. G-3
SHEET NO. 01.03

ITEM NUMBER	1010052 P	1010060A P	01017100 P	1102002 P	1106001A P	1106003A P	1106004A P	1107011A P	1108163A P	1111201A P	1111451A P	1113011A P	1113012A P	1113014A P	1113050 P	1113102 P	1113103 P	1118012A P	1118051A P	1206023A P	1208931A P	1209114 P	1210101 P	1210102 P	1210105 P	1220027 P	1300007A P	1300015A P	1300151A P	1301324A P	1301860A P	1301861A P	1301900A P	1302053 P	1302139A P	1302901A P	1304059A P	1304060A P	1304070A P	1304111A P
ITEM	CAST IRON HANDHOLE COVER	CLEAN EXISTING CONCRETE HANDHOLE	SERVICE ENTERANCE AND CABINET	8" ALUMINUM PEDISTAL	1 WAY PEDESTRIAN SIGNAL POLE MOUNTED	1 WAY PEDESTRIAN SIGNAL PEDISTAL POLE MOUNTED	2 WAY PEDESTRIAN SIGNAL PEDISTAL POLE MOUNTED	ACCESSIBLE PEDESTRIAN SIGNAL AND DETECTOR (TYPE A)	MODIFY EXISTING CONTROLLER	TEMPORARY DETECTION (SITE #1)	LOOP DETECTOR SAWCUT	3 CONDUCTOR NO. 10 AWG. THWN	3 CONDUCTOR NO. 12 AWG. THWN	3 CONDUCTOR NO. 8 AWG. THWN	2 CONDUCTOR NO. 14 CABLE	5 CONDUCTOR NO. 14 CABLE	7 CONDUCTOR NO. 14 CABLE	REMOVAL AND/OR RELOCATION OF TRAFFIC SIGNAL EQUIPMENT	TEMPORAY SIGNALIZATION (SITE #1)	REMOVAL AND RELOCATION OF EXISTING SIGNING	SIGN FACE - SHEET ALUMINUM (TYPE IX RETRO-REFLECTIVE SHEETING)	HOT-APPLIED PAINTED PAVEMENT MARKINGS 4" YELLOW	4" WHITE EPOXY RESIN PAVEMENT MARKINGS	4" YELLOW EPOXY RESIN PAVEMENT MARKINGS	EPOXY RESIN PAVEMENT MARKINGS, SYMBOLS AND LEGENDS	CONSTRUCTION SIGNS	EXCAVATION AND DISPOSAL OF UNSUITTABLE MATERIAL (WATER MAIN)	ROCK IN TRENCH EXCAVATION 0'-10' DEEP (WATER MAIN)	ADDITIONAL BACKFILL MATERIAL (WATER MAIN)	RECONNECT COPPER SERVICE (WATER MAIN)	INSTALLATION OF WATER MAINS AND APPURTENANCES	FURNISHING DUCTILE IRON PIPE, VALVES AND MISCELLANEOUS FITTINGS (WATER MAIN)	HYDROSTATIC PRESSURE TEST	RESET WATERGATE	CUT AND CAP WATER MAIN	AIR RELIEF VALVE (WATER MAIN)	PERMANENT PAVEMENT REPLACEMENT (WATER MAIN)	TEMPORARY PAVEMENT REPAIRS (WATER MAIN)	RESTRAINT EXISTING PIPE JOINT	CLASS "C" CONCRETE (WATER MAIN)
UNIT	E.A.	E.A.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	L.S.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.S.	L.S.	L.S.	S.F.	L.F.	L.F.	L.F.	S.F.	S.F.	C.Y.	C.Y.	C.Y.	EA.	L.F.	L.S.	EA.	EA.	EA.	EA.	S.Y.	S.Y.	EA.	C.Y.
	1	4	1	3	2	2	1	6	1	1	400	3500	300	7000	650	950	1050	L.S.	L.S.	L.S.	21	500	904	1204	601	370	8	3	4	3	65	1	1	2	2	2	45	5	3	1
SUBTOTAL	1	4	1	3	2	2	1	6	1	L.S.	400	3500	300	7000	650	950	1050	L.S.	L.S.	L.S.	21	500	904	1204	601	370	8	3	4	3	65	1	1	2	2	2	45	5	3	1
UNASSIGNED	0	0	0	0	0	0	0	0	0	-	40	350	30	700	65	95	105	-	-	-	4	50	96	126	59	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	1	4	1	3	2	2	1	6	1	L.S.	440	3850	330	7700	715	1045	1155	L.S.	L.S.	L.S.	25	550	1000	1330	660	405	8	3	4	3	65	1	1	2	2	2	45	5	3	1

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

NP= FEDERAL AID NON PARTICIPATING
=FOR INTERNAL USE ONLY
NOT A LEGAL DEFINITION

A = ** See Special Provisions **

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: 2/24/2020

DESIGNER/DRAFTER: **JHE**

CHECKED BY: **MF**

NOT TO SCALE

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\HW_MSH_99-114-115_DES-03.dgn

SIGNATURE/ BLOCK:

BL Companies
BL COMPANIES, INC.
355 RESEARCH PARKWAY
MERIDEN, CT 06450

PROJECT TITLE:

RAILROAD-HIGHWAY GRADE CROSSING IMPROVEMENTS U.S. ROUTES 7&44 (MAIN ST.)

TOWN: **NORTH CANAAN**

DRAWING TITLE: **DETAILED ESTIMATE SHEET**

PROJECT NO. **99-115**

DRAWING NO. **G-4**

SHEET NO. **01.04**