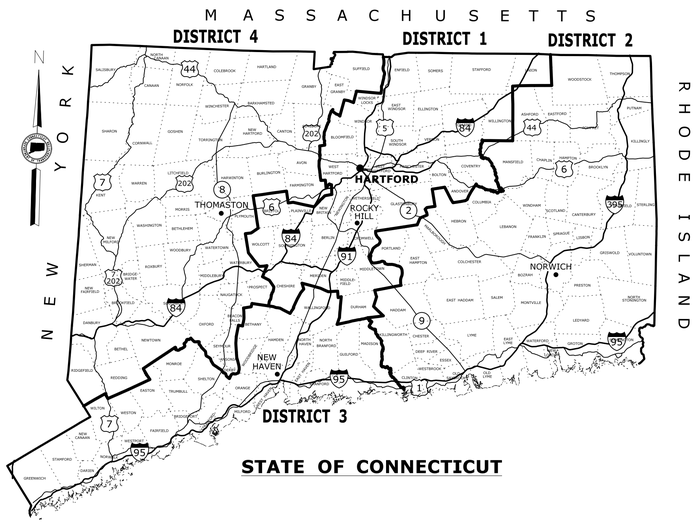
CONNECTICUT DEPARTMENT OF TRANSPORTATION

Plans For

INSTALLATION AND REVISIONS OF TRAFFIC CONTROL SIGNALS IN DISTRICT 4

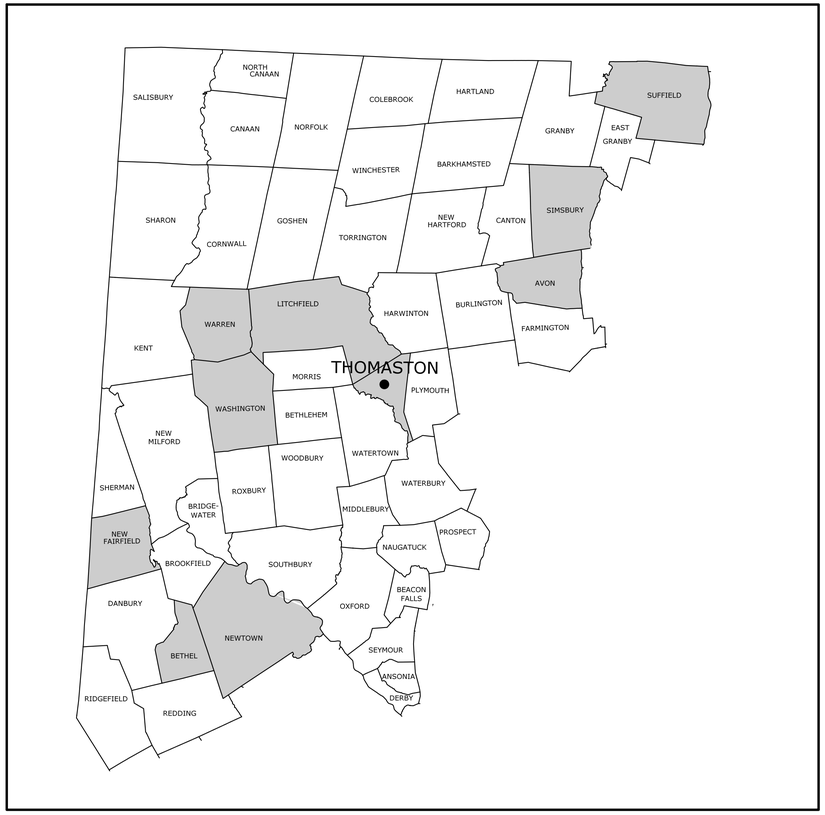
Town(s)/City of

AVON, BETHEL, LITCHFIELD, NEW FAIRFIELD, NEWTOWN, SIMSBURY, SUFFIELD, THOMASTON, WARREN, WASHINGTON



STATE OF CONNECTICUT

F.A.P. #	MAINTENANCE RESPONSIBILITY	PROJECT #
000T(161)	STATE	0174-0418



LOCATION PLAN

NOT TO SCALE

GENERAL NOTES:

1. CONSTRUCTION SPECIFICATIONS:
   Connecticut Department of Transportation, Standard Specifications for Roads, Bridges, Facilities and Incidental Construction, Form 817, dated 2016; Supplemental Specifications, dated JULY 2019; and Special Provisions
2. 400 FOOT GRID BASED ON CONNECTICUT COORDINATE SYSTEM SYSTEM N.A.D. 1927 N.A.D. 1983
3. VERTICAL DATUM BASED ON NGVD OF 1929 NAVD 1988

DISCLAIMER

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

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 UNOFFICIAL, INCOMPLETE AND/OR INACCURATE INFORMATION.

LIST OF SUBSETS

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

SUBSET NO.	SUBSET TITLE	*SUBSET SHEET COUNT
# 01	GENERAL	6
# 02	REVISIONS	1
# 03	TRAFFIC	29
# 04	SPAN POLE	4
# 05	MAST ARMS	4
# 06	HIGHWAYS	5
	CTDOT HIGHWAY STANDARD SHEETS	10
	CTDOT TRAFFIC STANDARD SHEETS	21

LIST OF DRAWINGS
SUBSET 01 - GENERAL

DRAWING TITLE	DRAWING NO.
TITLE SHEET	G-1
DETAILED ESTIMATE SHEETS	G2-G6

STANDARD CONVENTIONS

North Arrow W/No. Coor.
Grid Arrow
Edge Of Road
Concrete Pavement
Dirt Road
B.C.L.C.
Granite Curb
Guide Rail
Concrete Median Barrier
Bit. Walk
Conc. Sidewalk
Railroad Tracks
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
Property Line
Lot Line
Easement Line
Water Edge
Stream
Ditch
TOWN LINE
Highway Line
Street Line
Riprap
Hedge Row
Tree Line
Shrub
Evergreen Tree
Deciduous Tree
Retaining Wall

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.

Erika B. Lindeberg, P.E.
2020.02.25 07:42:41-05'00'

SUBMITTED BY: TRANSPORTATION PRINCIPAL ENGINEER

Mark F. Carlino, P.E.
2020.02.25 17:22:12-05'00'

APPROVAL RECOMMENDED BY: DIVISION CHIEF OF TRAFFIC ENGINEERING

Theodore H. Nezames, P.E.
2020.02.26 11:16:42-05'00'

APPROVED BY: TRANSPORTATION ENGINEERING ADMINISTRATOR

Plans For
INSTALLATION AND REVISIONS OF TRAFFIC CONTROL SIGNALS IN DISTRICT 4

Town(s)/City
AVON, BETHEL, LITCHFIELD, NEW FAIRFIELD, NEWTOWN, SIMSBURY, SUFFIELD, THOMASTON, WARREN, WASHINGTON

STATE PROJECT NO. **0174-0418**

DRAWING NO. **G-1**

SHEET NO. **1.01**

INT #	INTERSECTION DESCRIPTION	0202000 EARTH EXCAVATION CY	0202451 A TEST PIT EXCAVATION CY	0202501 CUT CONCRETE PAVEMENT L.F.	0202502 REMOVAL OF CONCRETE PAVEMENT S.Y.	0202513 REMOVAL OF CONCRETE SIDEWALK S.Y.	0202529 CUT BITUMINOUS CONCRETE PAVEMENT L.F.	0207000 BORROW C.Y	0209001 FORMATION OF SUBGRADE S.Y.	0212000 SUBBASE C.Y.	0305000 PROCESSED AGGREGATE Ton.	0406125 A BITUMINOUS CONCRETE SURFACE PATCH S.Y.	0406170 HMA S1 Ton.	0406171 HMA S0.5 Ton.	0406236 MATERIAL FOR TACK COAT Gal.	0601020 A STAMPED CONCRETE S.F.	0811001 CONCRETE CURBING L.F.	0815001 BITUMINOUS CONCRETE LIP CURBING L.F.	0910301 METAL BEAM RAIL (R-B MASH HALF POST SPACING) L.F.	0910302 METAL BEAM RAIL (R-B MASH QUARTER POST SPACING) L.F.	0910351 CONVERT METAL BEAM RAIL (R-B 350) TO (R-B MASH) L.F.	0912518 REMOVE AND RESET METAL BEAM RAIL L.F.	0912531 REMOVE METAL BEAM RAIL (TYPE R-B 350) L.F.	0921001 CONCRETE SIDEWALK S.F.	0921005 CONCRETE SIDEWALK RAMP S.F.	0921039 DETECTABLE WARNING STRIP Ea.	0922501 BITUMINOUS CONCRETE DRIVEWAY S.Y.	0944000 FURNISHING AND PLACING TOPSOIL S.Y.	0950005 TURF ESTABLISHMENT S.Y.	0950019 A TURF ESTABLISHMENT - LAWN S.Y.	0952001 A SELECTIVE CLEARING AND THINNING LS	0969062 A CONSTRUCTION FIELD OFFICE, MEDIUM Mo.
PROJECT NO.	**0174-0418**																																
004-208	Avon - Route 167 (West Avon Road) at Country Club Road											14												65	293	6					LS	
004-221	Avon - Route 167 (West Avon Road) at Avalon Drive and Dale Road											3													80	2					LS	
009-222	Bethel - U.S. Route 6 & S.R. 806 (Newtown Road) at Payne Road		1																					15							LS	
073-201	Litchfield - U.S. Route 202 (Bantam Rd.) at Route 209 (Bantam Lake Rd.) & Doyle Road		2			9						17						30						335	608	9		9	9		LS	
090-203	New Fairfield - Route 39 (Brush Hill Rd.) at Route 37 (Pembroke Rd.)		1					16			30	11			1	75		116	53	16	305		70	15	223	4		70	70	62		
096-210	Newtown - Route 34 (Berkshire Rd.) at Grays Plain Road and Bennetts Bridge Road		1																					15							LS	
096-216	Newtown - S.R. 816 (Church Hill Road) at Exit 10 I-84 W.B. On and Off Ramps	9		97	3		80	3	72	3	16	3	6	2	8		155	54	53	16		40		455	82	2	9	40		40	LS	
128-210	Simsbury - Routes 202 & 10 (Hopmeadow St.) at Library lane and Wilcox St.											18												202	518	6					LS	
139-208	Suffield - Route 187 (North Grand St.) & Route 187 (South Grand St.) at Route 168 (Mountain Rd.)					2						12						4						227	475	6		6	6			
140-212	Thomaston - S.R. 807 (South Main St.) at Route 254 (South Main St.) & Private Dr.					3						4												60	259	4		3	3		LS	
149-201	Warren - Route 341 (Kent Rd.) at Routes 341 & 45 (Lake Rd.) and Route 45 (Cornwall Rd.)											4												15	109	2					LS	
150-203	Washington - Route 202 (New Milford Turnpike) at Baldwin Hill Road and Main Street											2													58	2					LS	16
TOTAL - PROJECT NO.	0174-0418	**9**	**5**	**97**	**3**	**14**	**80**	**19**	**72**	**3**	**46**	**88**	**6**	**2**	**9**	**75**	**155**	**204**	**106**	**32**	**305**	**40**	**70**	**1404**	**2705**	**43**	**9**	**128**	**88**	**102**	**LS**	**16**
Grand Total		**9**	**5**	**97**	**3**	**14**	**80**	**19**	**72**	**3**	**46**	**88**	**6**	**2**	**9**	**75**	**155**	**204**	**106**	**32**	**305**	**40**	**70**	**1404**	**2705**	**43**	**9**	**128**	**88**	**102**	**LS**	**16**

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: 2/6/2020

DESIGNER/DRAFTER: P.BRAZAITIS

CHECKED BY: N.FATU

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\Signals\Detail Estimate.dgn

SIGNATURE/ BLOCK:

OFFICE OF ENGINEERING

APPROVED BY:

PROJECT TITLE:

INSTALLATION AND REVISIONS OF TRAFFIC CONTROL SIGNALS IN DISTRICT 4

TOWN: VARIOUS

DRAWING TITLE: DETAILED ESTIMATE SHEET

PROJECT NO. 0174-0418

DRAWING NO. G-2

SHEET NO. 1.02

INT #	INTERSECTION DESCRIPTION	0971001 A MAINTENANCE AND PROTECTION OF TRAFFIC LS	0975004 MOBILIZATION AND PROJECT CLOSEOUT LS	0980001 CONSTRUCTION STAKING LS	1001001 A TRENCHING AND BACKFILLING L.F.	1001004 ROCK IN TRENCH EXCAVATION 0'-4' DEEP C.Y.	1002015 ROCK IN FOUNDATION EXCAVATION V.F.	1002101 LIGHT STANDARD FOUNDATION - TYPE I Ea.	1002201 A TRAFFIC CONTROL FOUNDATION- SPAN POLE Ea.	1002202 A TRAFFIC CONTROL FOUNDATION- MAST ARM Ea.	1002203 TRAFFIC CONTROL FOUNDATION- PEDESTAL-TYPE I Ea.	1002208 TRAFFIC CONTROL FOUNDATION - CONTROLLER - TYPE IV Ea.	1003206 LIGHT STANDARD (15' BRACKET, 30' MOUNTING HEIGHT) ALUMINUM Ea.	1003906 A REMOVE LIGHT STANDARD Ea.	1003912 A REMOVE CONCRETE STANDARD BASE Ea.	1005600 A LED LUMINAIRE Ea.	1008015 2" RIGID METAL CONDUIT - SURFACE L.F.	1008017 3" RIGID METAL CONDUIT - SURFACE L.F.	1008115 2" RIGID METAL CONDUIT IN TRENCH L.F.	1008117 3" RIGID METAL CONDUIT IN TRENCH L.F.	1008215 2" RIGID METAL CONDUIT UNDER ROADWAY L.F.	1008217 3" RIGID METAL CONDUIT UNDER ROADWAY L.F.	1008908 A CLEAN EXISTING CONDUIT L.F.	1010001 CONCRETE HANDHOLE Ea.	1010021 CONCRETE HANDHOLE - TYPE II Ea.	1010060 A CLEAN EXISTING CONCRETE HANDHOLE Ea.	1015034 A GROUNDING AND BONDING LS	1102002 A 8' ALUMINUM PEDESTAL Ea.	1102048 A 8' ORNAMENTAL ALUMINUM PEDESTAL Ea.	1103002 A STEEL COMBINATION SPAN POLE Ea.	1103021 A 28' STEEL SPAN POLE Ea.	1103022 A 30' STEEL SPAN POLE Ea.
PROJECT NO.	**0174-0418**																														
004-208	Avon - Route 167 (West Avon Road) at Country Club Road	LS	LS	LS	450	3	6	1	1		4	1							770	50	400			6			LS		5		1	
004-221	Avon - Route 167 (West Avon Road) at Avalon Drive and Dale Road	LS	LS	LS	170	2	8			2	1	1							150	70	60	60		2					1			
009-222	Bethel - U.S. Route 6 & S.R. 806 (Newtown Road) at Payne Road	LS	LS	LS	20		8		2			1							50								LS				1	1
073-201	Litchfield - U.S. Route 202 (Bantam Rd.) at Route 209 (Bantam Lake Rd.) & Doyle Road	LS	LS	LS	980	3	8		1	1	7	1					50		1400	200	550	100		10	4		LS	7				1
090-203	New Fairfield - Route 39 (Brush Hill Rd.) at Route 37 (Pembroke Rd.)	LS	LS	LS	600	3	18			4	4	1					50		450	70	400	120		4	4		LS	4				
096-210	Newtown - Route 34 (Berkshire Rd.) at Grays Plain Road and Bennetts Bridge Road	LS	LS	LS	250	1	12			3		1					50		450		120			2			LS					
096-216	Newtown - S.R. 816 (Church Hill Road) at Exit 10 I-84 W.B. On and Off Ramps	LS	LS	LS	250	2	6	1	1		2	1	1	1	1	1	110	30	210	30	100						LS	2		1		
128-210	Simsbury - Routes 202 & 10 (Hopmeadow St.) at Library lane and Wilcox St.	LS	LS	LS	200	2	2	1			5		1						150		100		300	4		2	Ls	5				
139-208	Suffield - Route 187 (North Grand St.) & Route 187 (South Grand St.) at Route 168 (Mountain Rd.)	LS	LS	LS	530	2	2	1			5	1	1				150		310		430			6			LS	5				
140-212	Thomaston - S.R. 807 (South Main St.) at Route 254 (South Main St.) & Private Dr.	LS	LS	LS	50		8		2		1	1					50		100								LS	1				2
149-201	Warren - Route 341 (Kent Rd.) at Routes 341 & 45 (Lake Rd.) and Route 45 (Cornwall Rd.)	LS	LS	LS	150	2	8		2		2	1							200		100			2			LS	2			1	
150-203	Washington - Route 202 (New Milford Turnpike) at Baldwin Hill Road and Main Street	LS	LS	LS	500	3	8	2	1		3	1	2						500		400			5			LS	3				
TOTAL - PROJECT NO.	0174-0418	**LS**	**LS**	**LS**	**4150**	**23**	**94**	**6**	**10**	**10**	**34**	**11**	**5**	**1**	**1**	**1**	**460**	**30**	**4740**	**420**	**2660**	**280**	**300**	**41**	**8**	**2**	**LS**	**29**	**6**	**1**	**3**	**4**
Grand Total		**LS**	**LS**	**LS**	**4150**	**23**	**94**	**6**	**10**	**10**	**34**	**11**	**5**	**1**	**1**	**1**	**460**	**30**	**4740**	**420**	**2660**	**280**	**300**	**41**	**8**	**2**	**LS**	**29**	**6**	**1**	**3**	**4**

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

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Plotted Date: 2/6/2020

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CHECKED BY: N.FATU

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DEPARTMENT OF TRANSPORTATION

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PROJECT TITLE:

INSTALLATION AND REVISIONS OF TRAFFIC CONTROL SIGNALS IN DISTRICT 4

TOWN: VARIOUS

DRAWING TITLE: DETAILED ESTIMATE SHEET

PROJECT NO. 0174-0418

DRAWING NO. G-3

SHEET NO. 1.03

	ITEM	1103024 A	1104028 A	1104031 A	1104033 A	1104037 A	1104038 A	1105001 A	1105003 A	1105007 A	1105101 A	1105103 A	1105107 A	1105303 A	1106001 A	1106003 A	1106004 A	1107011 A	1108115 A	1108163 A	1108724 A	1108727 A	1108808 A	1111201 A	1111202 A	1111203 A	1111204 A	1111205 A	1111206 A	1111207 A	1111208 A	1111209 A
	ITEM DESCRIPTION	34' STEEL SPAN POLE	30' STEEL MAST ARM ASSEMBLY	35' STEEL MAST ARM ASSEMBLY	40' STEEL MAST ARM ASSEMBLY	45' STEEL MAST ARM ASSEMBLY	50' 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	2 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	2 WAY PEDESTRIAN SIGNAL PEDESTAL MOUNTED	ACCESSIBLE PEDESTRIAN SIGNAL AND DETECTOR(TYPE A)	FULL ACTUATED CONTROLLER 8 PHASE	MODIFY EXISTING CONTROLLER	PHASE SELECTOR	PHASE SELECTOR (AUDIO)	TRAINING	TEMPORARY DETECTION (SITE NO. 1)	TEMPORARY DETECTION (SITE NO. 2)	TEMPORARY DETECTION (SITE NO. 3)	TEMPORARY DETECTION (SITE NO. 4)	TEMPORARY DETECTION (SITE NO. 5)	TEMPORARY DETECTION (SITE NO. 6)	TEMPORARY DETECTION (SITE NO. 7)	TEMPORARY DETECTION (SITE NO. 8)	TEMPORARY DETECTION (SITE NO. 9)
INT #	INTERSECTION DESCRIPTION	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS
PROJECT NO.	**0174-0418**																															
004-208	Avon - Route 167 (West Avon Road) at Country Club Road							2	4	2						3	1	8	1		1		LS	LS								
004-221	Avon - Route 167 (West Avon Road) at Avalon Drive and Dale Road					1	1					6	1		1	1		2	1		1		LS		LS							
009-222	Bethel - U.S. Route 6 & S.R. 806 (Newtown Road) at Payne Road								4										1				LS			LS						
073-201	Litchfield - U.S. Route 202 (Bantam Rd.) at Route 209 (Bantam Lake Rd.) & Doyle Road					1		5	4	1	1	4	1	1	1	3	4	12	1				LS				LS					
090-203	New Fairfield - Route 39 (Brush Hill Rd.) at Route 37 (Pembroke Rd.)			2	1		1				8	8				4		4	1				LS					LS				
096-210	Newtown - Route 34 (Berkshire Rd.) at Grays Plain Road and Bennetts Bridge Road		1	1			1				2	8							1				LS						LS			
096-216	Newtown - S.R. 816 (Church Hill Road) at Exit 10 I-84 W.B. On and Off Ramps							4	6							2		2	1			1	LS							LS		
128-210	Simsbury - Routes 202 & 10 (Hopmeadow St.) at Library lane and Wilcox St.															2	3	8		1			LS								LS	
139-208	Suffield - Route 187 (North Grand St.) & Route 187 (South Grand St.) at Route 168 (Mountain Rd.)								6	1				2	1	5		6	1				LS									LS
140-212	Thomaston - S.R. 807 (South Main St.) at Route 254 (South Main St.) & Private Dr.							4	8						1	1		2	1				LS									
149-201	Warren - Route 341 (Kent Rd.) at Routes 341 & 45 (Lake Rd.) and Route 45 (Cornwall Rd.)	1							8							2		2	1				LS									
150-203	Washington - Route 202 (New Milford Turnpike) at Baldwin Hill Road and Main Street	1						2	6	1				1		2		2	1				LS									
TOTAL - PROJECT NO.	0174-0418	**2**	**1**	**3**	**1**	**2**	**3**	**17**	**46**	**5**	**11**	**26**	**2**	**4**	**4**	**25**	**8**	**48**	**11**	**1**	**2**	**1**	**LS**	**LS**	**LS**	**LS**	**LS**	**LS**	**LS**	**LS**	**LS**	**LS**
Grand Total		**2**	**1**	**3**	**1**	**2**	**3**	**17**	**46**	**5**	**11**	**26**	**2**	**4**	**4**	**25**	**8**	**48**	**11**	**1**	**2**	**1**	**LS**	**LS**	**LS**	**LS**	**LS**	**LS**	**LS**	**LS**	**LS**	**LS**

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

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PROJECT TITLE:

INSTALLATION AND REVISIONS OF TRAFFIC CONTROL SIGNALS IN DISTRICT 4

TOWN: VARIOUS

DRAWING TITLE: DETAILED ESTIMATE SHEET

PROJECT NO. 0174-0418

DRAWING NO. G-4

SHEET NO. 1.04

INT #	INTERSECTION DESCRIPTION	1111210 A TEMPORARY DETECTION (SITE NO. 10) LS	1111211 A TEMPORARY DETECTION (SITE NO. 11) LS	1111212 A TEMPORARY DETECTION (SITE NO. 12) LS	1111600 A EXTENSION BRACKET Ea.	1112207 A SIREN DETECTOR Ea.	1112284 A VEHICLE DETECTION MONITOR Ea.	1112285 A THERMAL VIDEO DETECTOR ASSEMBLY Ea.	1112286 A 360 DEGREE CAMERA ASSEMBLY Ea.	1112287 A 360 DEGREE VIDEO DETECTION PROCESSOR Ea.	1112410 A DETECTOR (TYPE A) Ea.	1112470 A PRE-EMPTION SYSTEM CHASSIS Ea.	1113004 2 CONDUCTOR NO. 8 AWG TYPE SE STYLE THW L.F.	1113101 3 CONDUCTOR NO. 14 CABLE L.F.	1113102 5 CONDUCTOR NO. 14 CABLE L.F.	1113103 7 CONDUCTOR NO. 14 CABLE L.F.	1113104 9 CONDUCTOR NO. 14 CABLE L.F.	1113106 12 CONDUCTOR NO. 14 CABLE L.F.	1113109 21 CONDUCTOR NO. 14 CABLE L.F.	1113125 25 CONDUCTOR NO. 14 CABLE L.F.	1113399 CABLE CLOSURE Ea.	1113550 A DETECTOR CABLE (OPTICAL) L.F.	1113725 A 23 AWG, 4 TWISTED PAIR CATEGORY 6 CABLE L.F.	1113901 A CAMERA CABLE L.F.	1114102 A SPAN WIRE L.F.	1114201 A AUXILIARY EQUIPMENT CABINET Ea.	1118012 A REMOVAL AND/OR RELOCATION OF TRAFFIC SIGNAL EQUIPMENT LS	1118051 A TEMPORARY SIGNALIZATION (SITE NO. 1) LS	1118052 A TEMPORARY SIGNALIZATION (SITE NO. 2) LS	1118053 A TEMPORARY SIGNALIZATION (SITE NO. 3) LS	1118054 A TEMPORARY SIGNALIZATION (SITE NO. 4) LS	1118055 A TEMPORARY SIGNALIZATION (SITE NO. 5) LS
PROJECT NO.	**0174-0418**																																
004-208	Avon - Route 167 (West Avon Road) at Country Club Road				1		1	2	1	1	4	1	120		200	1100	150	120		100	1	500	100	200	120	1	LS	LS				
004-221	Avon - Route 167 (West Avon Road) at Avalon Drive and Dale Road				2		1	2	1	1	3	1	50		950	150	120					400	120	350		1	LS		LS			
009-222	Bethel - U.S. Route 6 & S.R. 806 (Newtown Road) at Payne Road				1		1	1	1	1			50		200					100	1	250	200	200	140		LS			LS		
073-201	Litchfield - U.S. Route 202 (Bantam Rd.) at Route 209 (Bantam Lake Rd.) & Doyle Road				3		1	2	2	2			200		900	2100	800			300	1	600	600	600	130		LS				LS	
090-203	New Fairfield - Route 39 (Brush Hill Rd.) at Route 37 (Pembroke Rd.)				2		1	2	1	1			100		1000	900	900					400	400	400			LS					LS
096-210	Newtown - Route 34 (Berkshire Rd.) at Grays Plain Road and Bennetts Bridge Road				2		1	2	1	1			100		970		290						180	370			LS					
096-216	Newtown - S.R. 816 (Church Hill Road) at Exit 10 I-84 W.B. On and Off Ramps				1	2	1	2	1	1		1	180	690	265	330	110			100	1		280	450	200	1	LS					
128-210	Simsbury - Routes 202 & 10 (Hopmeadow St.) at Library lane and Wilcox St.						1	2	1	1						1300							50	300			LS					
139-208	Suffield - Route 187 (North Grand St.) & Route 187 (South Grand St.) at Route 168 (Mountain Rd.)						1	2	1	1			140		630	1370	70			100	1		170	400	160		LS					
140-212	Thomaston - S.R. 807 (South Main St.) at Route 254 (South Main St.) & Private Dr.	LS			2		1	2	1	1			60		360	460	200		110		2	120	180	210	320		LS					
149-201	Warren - Route 341 (Kent Rd.) at Routes 341 & 45 (Lake Rd.) and Route 45 (Cornwall Rd.)		LS		2		1	2	1	1			100		300	200	100			100	1		200	300	140		LS					
150-203	Washington - Route 202 (New Milford Turnpike) at Baldwin Hill Road and Main Street			LS	1		1	2	1	1			100		600	300	200			100	1		100	450	160		LS					
TOTAL - PROJECT NO.	0174-0418	**LS**	**LS**	**LS**	**17**	**2**	**12**	**23**	**13**	**13**	**7**	**3**	**1200**	**690**	**6375**	**8210**	**2940**	**120**	**110**	**900**	**9**	**2270**	**2580**	**4230**	**1370**	**3**	**LS**	**LS**	**LS**	**LS**	**LS**	**LS**
Grand Total		**LS**	**LS**	**LS**	**17**	**2**	**12**	**23**	**13**	**13**	**7**	**3**	**1200**	**690**	**6375**	**8210**	**2940**	**120**	**110**	**900**	**9**	**2270**	**2580**	**4230**	**1370**	**3**	**LS**	**LS**	**LS**	**LS**	**LS**	**LS**

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: 2/6/2020

DESIGNER/DRAFTER: P.BRAZAITIS

CHECKED BY: N.FATU

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\Signals\Detail Estimate.dgn

SIGNATURE/ BLOCK:
OFFICE OF ENGINEERING

APPROVED BY:

PROJECT TITLE:
INSTALLATION AND REVISIONS OF TRAFFIC CONTROL SIGNALS IN DISTRICT 4

TOWN: VARIOUS

DRAWING TITLE:
DETAILED ESTIMATE SHEET

PROJECT NO. 0174-0418

DRAWING NO. G-5

SHEET NO. 1.05

INT #	INTERSECTION DESCRIPTION	1118056 A TEMPORARY SIGNALIZATION (SITE NO. 6) LS	1118057 A TEMPORARY SIGNALIZATION (SITE NO. 7) LS	1118059 A TEMPORARY SIGNALIZATION (SITE NO. 9) LS	1118060 A TEMPORARY SIGNALIZATION (SITE NO. 10) LS	1118071 A TEMPORARY SIGNALIZATION (SITE NO. 11) LS	1118072 A TEMPORARY SIGNALIZATION (SITE NO. 12) LS	1118303 A RELOCATE PRE-EMPTION SYSTEM (SITE 3) LS	1118304 A RELOCATE PRE-EMPTION SYSTEM (SITE 4) LS	1118305 A RELOCATE PRE-EMPTION SYSTEM (SITE 5) LS	1118310 A RELOCATE PRE-EMPTION SYSTEM (SITE 10) LS	1206023 A REMOVAL AND RELOCATION OF EXISTING SIGNING LS	1208931 A SIGN FACE - SHEET ALUMINUM (TYPE IX RETROREFLECTIVE SHEETING) S.F.	1210101 4" WHITE EPOXY RESIN PAVEMENT MARKINGS L.F.	1210102 4" YELLOW EPOXY RESIN PAVEMENT MARKINGS L.F.	1210105 EPOXY RESIN PAVEMENT MARKINGS, SYMBOLS AND LEGENDS S.F.	1210106 12" WHITE EPOXY RESIN PAVEMENT MARKINGS L.F.	1211001 REMOVAL OF PAVEMENT MARKINGS S.F.	1220027 CONSTRUCTION SIGNS S.F.
PROJECT NO.	**0174-0418**																		
004-208	Avon - Route 167 (West Avon Road) at Country Club Road											LS	15			692	90		
004-221	Avon - Route 167 (West Avon Road) at Avalon Drive and Dale Road												25		100	148	81	51	
009-222	Bethel - U.S. Route 6 & S.R. 806 (Newtown Road) at Payne Road							LS				LS	55	160	100	56	58	43	
073-201	Litchfield - U.S. Route 202 (Bantam Rd.) at Route 209 (Bantam Lake Rd.) & Doyle Road								LS			LS	14	74		816	117	200	
090-203	New Fairfield - Route 39 (Brush Hill Rd.) at Route 37 (Pembroke Rd.)									LS		LS	63	343	54	394	140	76	
096-210	Newtown - Route 34 (Berkshire Rd.) at Grays Plain Road and Bennetts Bridge Road	LS											26		200		69	80	
096-216	Newtown - S.R. 816 (Church Hill Road) at Exit 10 I-84 W.B. On and Off Ramps		LS									LS	68	767	13	394	82	107	
128-210	Simsbury - Routes 202 & 10 (Hopmeadow St.) at Library lane and Wilcox St.											LS				595	69	509	
139-208	Suffield - Route 187 (North Grand St.) & Route 187 (South Grand St.) at Route 168 (Mountain Rd.)			LS									8			147	84	335	
140-212	Thomaston - S.R. 807 (South Main St.) at Route 254 (South Main St.) & Private Dr.				LS						LS	LS	43	136		167	86	46	
149-201	Warren - Route 341 (Kent Rd.) at Routes 341 & 45 (Lake Rd.) and Route 45 (Cornwall Rd.)					LS						LS	36		100	141	80	171	
150-203	Washington - Route 202 (New Milford Turnpike) at Baldwin Hill Road and Main Street						LS					LS	43	75	436	128	97	237	204
TOTAL - PROJECT NO.	0174-0418	**LS**	**LS**	**LS**	**LS**	**LS**	**LS**	**LS**	**LS**	**LS**	**LS**	**LS**	**396**	**1555**	**1003**	**3678**	**1053**	**1855**	**204**
Grand Total		**LS**	**LS**	**LS**	**LS**	**LS**	**LS**	**LS**	**LS**	**LS**	**LS**	**LS**	**396**	**1555**	**1003**	**3678**	**1053**	**1855**	**204**

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INSTALLATION AND REVISIONS OF TRAFFIC CONTROL SIGNALS IN DISTRICT 4

TOWN: VARIOUS

DRAWING TITLE: DETAILED ESTIMATE SHEET

PROJECT NO. 0174-0418

DRAWING NO. G-6

SHEET NO. 1.06