



STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION  
16 STATE HOUSE STATION  
AUGUSTA, MAINE 04333-0016

Janet T. Mills  
GOVERNOR

Bruce A. Van Note  
COMMISSIONER

January 14, 2022  
Subject: Highway Safety Improvements  
State WIN: 023797.00  
Location: **Westbrook**  
**Amendment No. 4**

Dear Sir/Ms.:

Please make the following changes to the Bid Documents:

In the Bid Book:

**REMOVE** pages 17 – 23, Proposal Schedule of Items, 7 pages, dated 12/11/2021, and **REPLACE** with the attached, revised Proposal Schedule of Items, 7 pages, dated 1/14/2022.

In the Plan Set:

**REMOVE SHEET NUMBER 11 OF 46, TRAFFIC SIGNAL PLANS, dated 12/9/2021, and REPLACE with the attached, revised SHEET NUMBER 11 OF 46, TRAFFIC SIGNAL PLANS, dated 1/13/2022.**

**REMOVE SHEET NUMBER 12 OF 46, TRAFFIC SIGNAL PLANS, dated 12/9/2021, and REPLACE with the attached, revised SHEET NUMBER 12 OF 46, TRAFFIC SIGNAL PLANS, dated 1/13/2022.**

The following question has been received:

**Question:** There appears to be a discrepancy between the plan set and the schedule of items. The plan set calls for 3ea 50' Mast Arms, 1ea 35' Mast Arm, and 1ea 25' Mast Arm. The schedule of items does not match this BOM.

**Response:** See above changes to the bid documents.

Consider these changes and information prior to submitting your bid on **January 19, 2022.**

Sincerely,

A handwritten signature in blue ink that reads "George Macdougall".

George M. A. Macdougall P.E.  
Contracts & Specifications Engineer

1/14/2022

Maine Department of Transportation

Proposal Schedule of Items

Page 1 of 7

Proposal ID: 023797.00

Project(s): 023797.00

SECTION: 1 Project Items

Alt Set ID: Alt Mbr ID:

Contractor: \_\_\_\_\_

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0010	201.23 REMOVING SINGLE TREE TOP ONLY	3.000 EA	_____	 _____	_____	 _____
0020	201.24 REMOVING STUMP	3.000 EA	_____	 _____	_____	 _____
0030	202.202 REMOVING PAVEMENT SURFACE	7,520.000 SY	_____	 _____	_____	 _____
0040	203.20 COMMON EXCAVATION	3,000.000 CY	_____	 _____	_____	 _____
0050	203.25 GRANULAR BORROW	100.000 CY	_____	 _____	_____	 _____
0060	304.10 AGGREGATE SUBBASE COURSE - GRAVEL	1,150.000 CY	_____	 _____	_____	 _____
0070	304.14 AGGREGATE BASE COURSE - TYPE A	255.000 CY	_____	 _____	_____	 _____
0080	403.2081 12.5 MM POLYMER MODIFIED HOT MIX ASPHALT	1,085.000 T	_____	 _____	_____	 _____
0090	403.209 HOT MIX ASPHALT 9.5 MM (SIDEWALKS, DRIVES, INCIDENTALS)	155.000 T	_____	 _____	_____	 _____
0100	403.211 HOT MIX ASPHALT (SHIMMING)	50.000 T	_____	 _____	_____	 _____
0110	403.213 HOT MIX ASPHALT 12.5 MM BASE	2,470.000 T	_____	 _____	_____	 _____
0120	409.15 BITUMINOUS TACK COAT - APPLIED	710.000 G	_____	 _____	_____	 _____

1/14/2022

Maine Department of Transportation

Proposal Schedule of Items

Page 2 of 7

Proposal ID: 023797.00

Project(s): 023797.00

SECTION: 1 Project Items

Alt Set ID: Alt Mbr ID:

Contractor: \_\_\_\_\_

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0130	502.342 STRUCTURAL CONCRETE ROADWAY TRUCK APRON	7.000 CY	_____	 _____	_____	 _____
0140	603.159 12 INCH CULVERT PIPE OPTION III	12.000 LF	_____	 _____	_____	 _____
0150	603.175 18 INCH REINFORCED CONCRETE PIPE CLASS III	72.000 LF	_____	 _____	_____	 _____
0160	603.179 18 INCH CULVERT PIPE OPTION III	38.000 LF	_____	 _____	_____	 _____
0170	604.072 CATCH BASIN TYPE A1-C	6.000 EA	_____	 _____	_____	 _____
0180	604.092 CATCH BASIN TYPE B1-C	2.000 EA	_____	 _____	_____	 _____
0190	604.16 ALTERING CATCH BASIN TO MANHOLES	3.000 EA	_____	 _____	_____	 _____
0200	604.18 ADJUSTING MANHOLE OR CATCH BASIN TO GRADE	13.000 EA	_____	 _____	_____	 _____
0210	605.09 6 INCH UNDERDRAIN TYPE B	288.000 LF	_____	 _____	_____	 _____
0220	605.11 12 INCH UNDERDRAIN TYPE C	580.000 LF	_____	 _____	_____	 _____
0230	608.26 CURB RAMP DETECTABLE WARNING FIELD	138.000 SF	_____	 _____	_____	 _____
0240	609.11 VERTICAL CURB TYPE 1	1,425.000 LF	_____	 _____	_____	 _____

1/14/2022

Maine Department of Transportation

Proposal Schedule of Items

Page 3 of 7

Proposal ID: 023797.00

Project(s): 023797.00

SECTION: 1 Project Items

Alt Set ID: Alt Mbr ID:

Contractor: \_\_\_\_\_

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0250	609.12 VERTICAL CURB TYPE 1 - CIRCULAR	120.000 LF	_____	 _____	_____	 _____
0260	609.221 TERMINAL CURB TYPE 1	76.000 LF	_____	 _____	_____	 _____
0270	609.222 TERMINAL CURB TYPE 1 - CIRCULAR	20.000 LF	_____	 _____	_____	 _____
0280	609.34 CURB TYPE 5	1,820.000 LF	_____	 _____	_____	 _____
0290	609.35 CURB TYPE 5 - CIRCULAR	95.000 LF	_____	 _____	_____	 _____
0300	615.07 LOAM	165.000 CY	_____	 _____	_____	 _____
0310	618.13 SEEDING METHOD NUMBER 1	10.000 UN	_____	 _____	_____	 _____
0320	618.14 SEEDING METHOD NUMBER 2	3.000 UN	_____	 _____	_____	 _____
0330	619.12 MULCH	13.000 UN	_____	 _____	_____	 _____
0340	626.11 PRECAST CONCRETE JUNCTION BOX	21.000 EA	_____	 _____	_____	 _____
0350	626.21 METALLIC CONDUIT	25.000 LF	_____	 _____	_____	 _____
0360	626.22 NON-METALLIC CONDUIT	3,275.000 LF	_____	 _____	_____	 _____
0370	626.221 NON-METALLIC CONDUIT CONCRETE ENCASED	50.000 LF	_____	 _____	_____	 _____

## Maine Department of Transportation

## Proposal Schedule of Items

Proposal ID: 023797.00

Project(s): 023797.00

SECTION: 1 Project Items

Alt Set ID: Alt Mbr ID:

Contractor: \_\_\_\_\_

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0380	626.251 NON-METALLIC UNDER PAVEMENT CONDUIT (SCHEDULE 80 OR GREATER RATING)	500.000 LF	_____	 _____	_____	 _____
0390	626.35 CONTROLLER CABINET FOUNDATION	2.000 EA	_____	 _____	_____	 _____
0400	626.36 REMOVE OR MODIFY CONCRETE FOUNDATION	10.000 EA	_____	 _____	_____	 _____
0410	626.421 24 INCH DIAMETER FOUNDATION	182.000 LF	_____	 _____	_____	 _____
0420	626.44 36 INCH DIAMETER FOUNDATION	11.500 LF	_____	 _____	_____	 _____
0430	626.451 42 INCH DIAMETER FOUNDATION	27.000 LF	_____	 _____	_____	 _____
0440	626.47 54 INCH DIAMETER FOUNDATION	35.000 LF	_____	 _____	_____	 _____
0450	626.48 60 INCH DIAMETER FOUNDATION	17.000 LF	_____	 _____	_____	 _____
0460	627.733 4" WHITE OR YELLOW PAINTED PAVEMENT MARKING LINE	15,300.000 LF	_____	 _____	_____	 _____
0470	627.75 WHITE OR YELLOW PAVEMENT & CURB MARKING	2,450.000 SF	_____	 _____	_____	 _____
0480	627.78 TEMPORARY 4 INCH PAINTED PAVEMENT MARKING LINE, WHITE OR YELLOW	5,000.000 LF	_____	 _____	_____	 _____

## Maine Department of Transportation

## Proposal Schedule of Items

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Project(s): 023797.00

SECTION: 1 Project Items

Alt Set ID: Alt Mbr ID:

Contractor: \_\_\_\_\_

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0490	629.05 HAND LABOR, STRAIGHT TIME	40.000 HR	_____	 _____	_____	 _____
0500	631.12 ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)	80.000 HR	_____	 _____	_____	 _____
0510	631.14 GRADER (INCLUDING OPERATOR)	160.000 HR	_____	 _____	_____	 _____
0520	631.15 ROLLER, EARTH AND BASE COURSE (INCLUDING OPERATOR )	80.000 HR	_____	 _____	_____	 _____
0530	631.172 TRUCK - LARGE (INCLUDING OPERATOR)	80.000 HR	_____	 _____	_____	 _____
0540	631.32 CULVERT CLEANER (INCLUDING OPERATOR)	10.000 HR	_____	 _____	_____	 _____
0550	634.16 HIGHWAY LIGHTING	LUMP SUM		 LUMP SUM	_____	 _____
0560	634.70 ORNAMENTAL LIGHTING	23.000 EA	_____	 _____	_____	 _____
0570	639.19 FIELD OFFICE TYPE B	1.000 EA	_____	 _____	_____	 _____
0580	643.21 NON-INVASIVE DETECTION - STOP LINE: Saco St.	LUMP SUM		 LUMP SUM	_____	 _____
0590	643.22 NON-INVASIVE DETECTION - ADVANCE: Saco St.	LUMP SUM		 LUMP SUM	_____	 _____
0600	643.71 TRAFFIC SIGNAL MODIFICATION	LUMP SUM		 LUMP SUM	_____	 _____

Maine Department of Transportation

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0610	643.72 TEMPORARY TRAFFIC SIGNAL	LUMP SUM	LUMP	SUM	_____	_____
0620	643.90 INTERCONNECT WIRE BETWEEN	LUMP SUM	LUMP	SUM	_____	_____
0630	643.91 MAST ARM POLE 30' Mast Arm Pole	1.000 EA	_____	_____	_____	_____
0640	643.92 PEDESTAL POLE	3.000 EA	_____	_____	_____	_____
0650	643.94 DUAL PURPOSE POLE 25' Mast Arm Pole w/ Luminaire	1.000 EA	_____	_____	_____	_____
0660	643.94 DUAL PURPOSE POLE 35' Mast Arm Pole w/ Luminaire	1.000 EA	_____	_____	_____	_____
0670	643.94 DUAL PURPOSE POLE 50' Mast Arm w/ Luminaire	3.000 EA	_____	_____	_____	_____
0680	645.106 DEMOUNT REGULATORY, WARNING, CONFIRMATION AND ROUTE MARKER ASSEMBLY SIGN	12.000 EA	_____	_____	_____	_____
0690	645.116 REINSTALL REGULATORY, WARNING, CONFIRMATION AND ROUTE MARKER ASSEMBLY SIGN	5.000 EA	_____	_____	_____	_____
0700	645.292 REGULATORY, WARNING, CONFIRMATION AND ROUTE MARKER ASSEMBLY SIGNS TYPE II	50.000 SF	_____	_____	_____	_____
0710	652.30 FLASHING ARROW BOARD	4.000 EA	_____	_____	_____	_____

Maine Department of Transportation

Proposal Schedule of Items

Proposal ID: 023797.00

Project(s): 023797.00

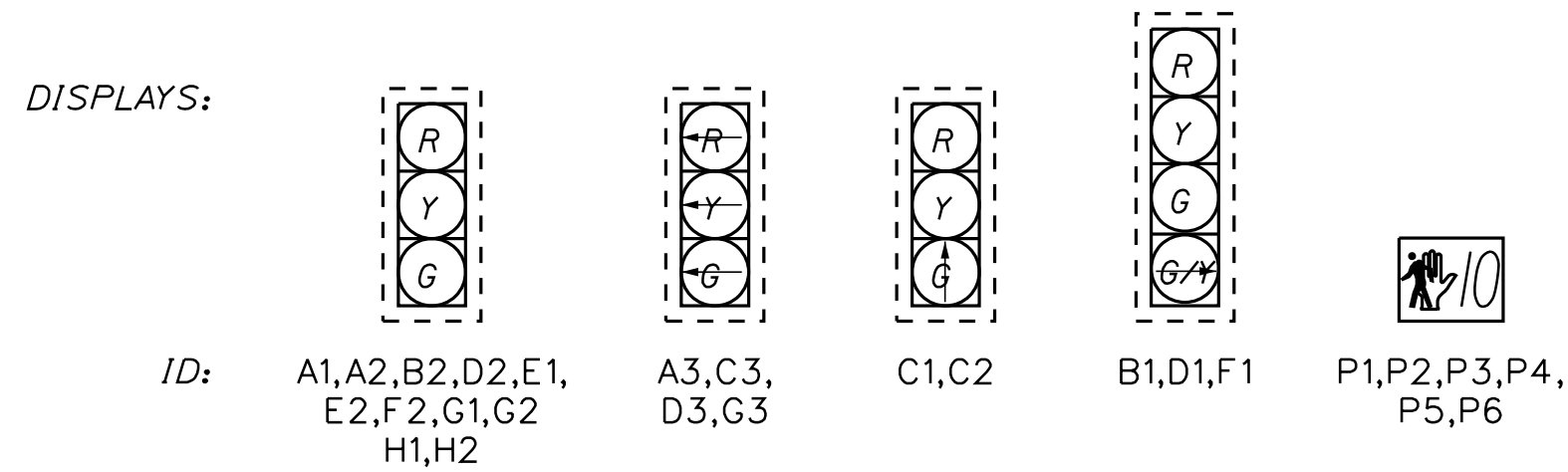
SECTION: 1 Project Items

Alt Set ID: Alt Mbr ID:

Contractor: \_\_\_\_\_

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0720	652.312 TYPE III BARRICADE	10.000 EA	_____	 _____	_____	 _____
0730	652.33 DRUM	100.000 EA	_____	 _____	_____	 _____
0740	652.34 CONE	200.000 EA	_____	 _____	_____	 _____
0750	652.35 CONSTRUCTION SIGNS	1,000.000 SF	_____	 _____	_____	 _____
0760	652.36 MAINTENANCE OF TRAFFIC CONTROL DEVICES	150.000 CD	_____	 _____	_____	 _____
0770	652.38 FLAGGER	1,500.000 HR	_____	 _____	_____	 _____
0780	652.381 TRAFFIC OFFICER	2,500.000 HR	_____	 _____	_____	 _____
0790	652.41 PORTABLE CHANGEABLE MESSAGE SIGN	4.000 EA	_____	 _____	_____	 _____
0800	656.75 TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL	LUMP SUM	_____	 LUMP SUM	_____	 _____
0810	659.10 MOBILIZATION	LUMP SUM	_____	 LUMP SUM	_____	 _____
<b>Section: 1</b>			<b>Total:</b>		_____	 _____
			<b>Total Bid:</b>		_____	 _____

PROPOSED SIGNAL INDICATIONS



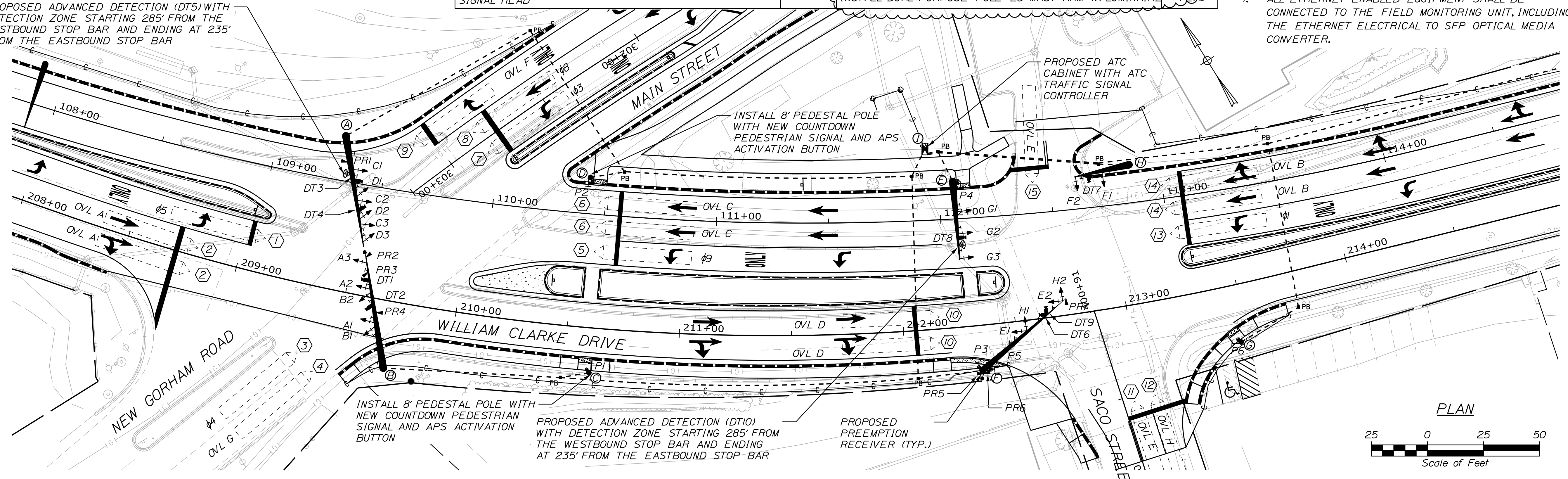
SIGNAL HEAD NOTES:

- ALL SIGNAL INDICATIONS SHALL BE 12 INCH WITH LIGHT EMITTING DIODES, 5" LOUVERED BACKPLATES, AND 3" RETRO-REFLECTIVE BORDERS
- ALL PEDESTRIAN INDICATIONS SHALL BE 16 INCH WITH LIGHT EMITTING DIODES AND COUNTDOWN DISPLAYS

PROPOSED ADVANCED DETECTION (DT5) WITH DETECTION ZONE STARTING 285' FROM THE EASTBOUND STOP BAR AND ENDING AT 235' FROM THE EASTBOUND STOP BAR

LIST OF MAJOR ITEMS

EQUIPMENT AND WORK ITEMS (ITEM 643.71)	QUANTITY	EQUIPMENT AND WORK ITEMS (ITEM 643.71)	QUANTITY	EQUIPMENT AND WORK ITEMS (ITEM 643.71)	QUANTITY
FURNISH AND INSTALL NEW ATCC MAINEDOT 3 <sup>2</sup> / <sub>4</sub> SPEC TRAFFIC SIGNAL CABINET WITH ALL ANCILLARY EQUIPMENT AND WIRING INCLUDING FIELD MONITORING UNIT	1 LS	FURNISH AND INSTALL ONE-WAY, 16 X 18-INCH LED TOP OF POST MOUNTED BLACK COUNTDOWN PEDESTRIAN SIGNAL HEAD	3 EA	FURNISH AND INSTALL HARDENED ETHERNET ELECTRICAL TO SFP OPTICAL MEDIA CONVERTER (COMNET CWGE2SFT OR EQUAL)	2 EA
TRAFFICWARE COMMANDER ATC TRAFFIC SIGNAL CONTROLLER, W/ LATEST FIRMWARE INSTALLED	1 EA	FURNISH AND INSTALL ADA COMPLIANT ACCESSIBLE PEDESTRIAN SIGNAL (APS) BUTTON WITH 9"X15" RIO-3e INFORMATIONAL SIGN	6 EA	IMPLEMENT SYSTEM BASED AND LOCAL SIGNAL TIMINGS	1 LS
FURNISH AND INSTALL ONE-WAY, 3-SECTION, 12-INCH BLACK WITH BLACK DOOR TRAFFIC SIGNAL HEADS WITH BLACK TUNNEL VISORS AND RETROREFLECTIVE BACKPLATES MOUNTED ON MAST ARMS	17 EA	FURNISH AND INSTALL 4-CHANNEL PREEMPTION PHASE SELECTOR WITH SYSTEM CHASSIS	1 EA	<p>THE LISTED QUANTITIES ARE APPROXIMATE AND ARE PROVIDED FOR INFORMATION ONLY.</p> <p><b>GENERAL NOTES:</b></p> <ol style="list-style-type: none"> <li>ALL CONDUIT SHALL BE 3" PVC SCH. 80</li> <li>CONDUIT SHALL BE INSTALLED PER MAINEDOT'S STANDARD DETAIL 626(07).</li> <li>CROSSWALKS ARE NOT DISPLAYED ON THIS PLAN FOR CLARITY.</li> <li>ALL ETHERNET ENABLED EQUIPMENT SHALL BE CONNECTED TO THE FIELD MONITORING UNIT, INCLUDING THE ETHERNET ELECTRICAL TO SFP OPTICAL MEDIA CONVERTER.</li> </ol>	
FURNISH AND INSTALL ONE-WAY, 4-SECTION, 12-INCH BLACK WITH BLACK DOOR TRAFFIC SIGNAL HEADS WITH BLACK TUNNEL VISORS AND RETROREFLECTIVE BACKPLATES MOUNTED ON MAST ARMS	3 EA	FURNISH AND INSTALL LIGHT-BASED PREEMPTION RECEIVERS WITH DETECTOR CABLE	7 EA		
FURNISH AND INSTALL ONE-WAY, 16 X 18-INCH LED SIDE OF POLE MOUNTED BLACK COUNTDOWN PEDESTRIAN SIGNAL HEAD	3 EA	FURNISH AND INSTALL PREEMPTION CONFIRMATION RED STROBE WITH CABLE	2 EA		
		INSTALL DUAL PURPOSE POLE 50' MAST ARM W/LUMINAIRE	3 EA		
		INSTALL DUAL PURPOSE POLE 35' MAST ARM W/LUMINAIRE	1 EA		
		INSTALL DUAL PURPOSE POLE 25' MAST ARM W/LUMINAIRE	1 EA		



DETECTOR SCHEDULE

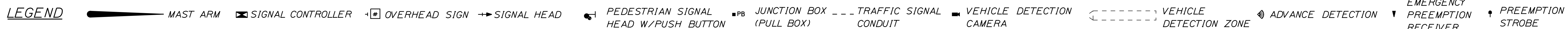
DETECTOR	TYPE	STREET	PLAN ID	LANE	PHASE	DETECTOR #	NOTES
DT1	VIDEO	WILLIAM CLARKE DRIVE	1	EBLT	φ5	5	
			2	EBTH	φ2	2	PRESENCE DETECTION ONLY, DOES NOT EXTEND PHASE
DT2	VIDEO	NEW GORHAM ROAD	3	NBTH-LT	φ4	4	
			4	NBRT	OVL G	4 OR 1	IF DETECTOR 4 IS ACTIVE THEN DETECTOR 4, ELSE DETECTOR 9
DT3	VIDEO	WILLIAM CLARKE DRIVE	5	WBLT	OVL D	1	
			6	WBTH	OVL B	6	PRESENCE DETECTION ONLY, DOES NOT EXTEND PHASE
			6	WBTH	OVL B	6	PRESENCE DETECTION ONLY, DOES NOT EXTEND PHASE
DT4	VIDEO	MAIN STREET	7	SBLT	φ3	3	
			8	SBTH	OVL G	4	
			9	SBRT	OVL F	5 OR 8	IF DETECTOR 8 IS ACTIVE THEN DETECTOR 8, ELSE DETECTOR 5
DT5	ADVANCED	WILLIAM CLARKE DRIVE	-	EBTH	-	2	
DT6	VIDEO	WILLIAM CLARKE DRIVE	10	EBTH	OVL D	2	PRESENCE DETECTION ONLY, DOES NOT EXTEND PHASE
			10	EBTH-RT	OVL D	2	PRESENCE DETECTION ONLY, DOES NOT EXTEND PHASE
DT7	VIDEO	SACCO STREET	11	NBTH-LT	OVL E	9	
			12	NBRT	OVL H	1 OR 9	IF DETECTOR 9 IS ACTIVE THEN DETECTOR 9, ELSE DETECTOR 1
DT8	VIDEO	WILLIAM CLARKE DRIVE	13	WBLT	1	1	
			14	WBTH	OVL B	6	PRESENCE DETECTION ONLY, DOES NOT EXTEND PHASE
DT9	VIDEO	COMMERCIAL ENTRANCE	14	WBTH-RT	OVL B	6	PRESENCE DETECTION ONLY, DOES NOT EXTEND PHASE
			15	SB	φ4	9	
DT10	ADVANCED	WILLIAM CLARKE DRIVE	-	WBTH	-	6	

PREEMPTION SCHEDULE

I.D.	RECEIVER PRIORITY	PRIORITY PHASE
PR1	3	φ2-φ5
PR2	5	φ3-φ8
PR3	6	φ4
PR4	4	φ1-φ6-φ9
PR5	3	φ2-φ5
PR6	4	φ1-φ6
PR7	7	φ9

SIGNAL LAYOUT

STRUCTURE	LOCATION (STA.)	DESCRIPTION	FOUNDATION
A	109+30.06, 19.9' LT	50' MAST ARM	D60"xL17'
B	209+72.50, 29.9' RT	50' MAST ARM	D54"xL17'
C	210+61.32, 20.0' RT	8' PEDESTAL POLE	D24"xL7'
D	110+42.38, 16.2' LT	8' PEDESTAL POLE	D24"xL7'
E	112+06.34, 16.7' LT	35' MAST ARM	D42"xL16'
F	212+33.50, 20.0' RT	50' MAST ARM	D54"xL18'
G	213+46.62, 25.53' RT	8' PEDESTAL POLE	D24"xL7'
H	112+86.40, 16.9' LT	25' MAST ARM	D42"xL11'
I	111+94.45, 31.8' LT	CONTROLLER CABINET	L48"xW36"xH48"



Date: 1/13/2022  
Username: skelly  
Division: HIGHWAY  
Filename: ... \Sheets\011\_Signal Plan.dgn

STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION  
02379700  
WIN  
023797.00  
HIGHWAY PLANS

STATE OF MAINE  
BRADLEY R. LYON  
No. 12632  
REGISTERED PROFESSIONAL ENGINEER

WESTBROOK  
WILLIAM CLARKE DRIVE  
TRAFFIC SIGNAL PLANS

SHEET NUMBER  
**11**  
OF 46

PROJ. MANAGER	E. MARTIN	DATE	01/13/2022
DESIGN-DETAILED	C. THOMPSON	DATE	08/30/18
CHECKED-REVIEWED	B. LYON	DATE	07/29/21
REVISIONS 1	C. THOMPSON	DATE	07/13/22
REVISIONS 2			
REVISIONS 3			

Filename: ... \MSTA\Sheets\012\_Sign Plan.dgn Division: HIGHWAY Username: skelly Date: 1/13/2022

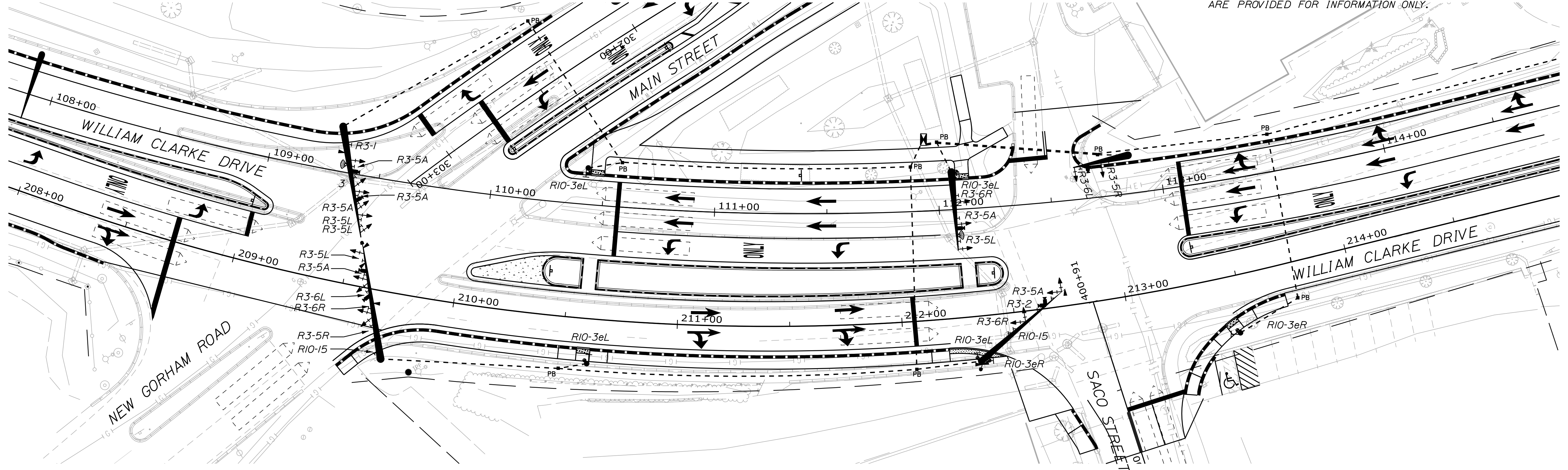
LIST OF MAJOR ITEMS

EQUIPMENT AND WORK ITEMS	QUANTITY
FURNISH AND INSTALL 14-INCH PRECAST JUNCTION BOX (ITEM 626.11)	9 EA
FURNISH AND INSTALL NON-METALLIC CONDUIT, CONCRETE ENCASED (ITEM 626.221)	50 LF
FURNISH AND INSTALL (3-INCH) NON-METALLIC CONDUIT (ITEM 626.22)	1,275 LF
FURNISH AND INSTALL 24-INCH FOUNDATION (ITEM 626.421)	21 LF
FURNISH AND INSTALL 42-INCH DIAMETER FOUNDATION (ITEM 626.451)	27 LF
FURNISH AND INSTALL 54-INCH DIAMETER FOUNDATION (ITEM 626.47)	35 LF
FURNISH AND INSTALL 60-INCH DIAMETER FOUNDATION (ITEM 626.48)	17 LF
FURNISH AND INSTALL CONTROLLER CABINET FOUNDATION (ITEM 626.35)	1 EA

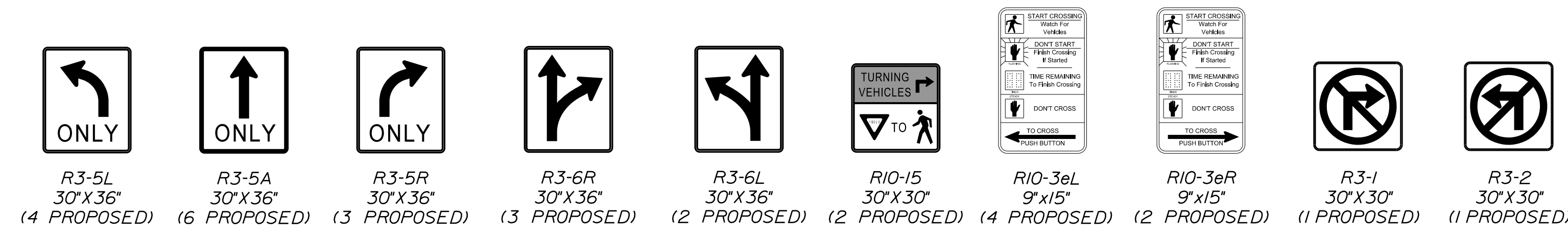
LIST OF MAJOR ITEMS (CONT.)

EQUIPMENT AND WORK ITEMS	QUANTITY
FURNISH AND INSTALL NON-INVASIVE STOP BAR VEHICLE DETECTION SYSTEM FOR 8 APPROACHES, COMPLETE (ITEM 643.21)	1 LS
FURNISH AND INSTALL NON-INVASIVE ADVANCE VEHICLE DETECTION SYSTEM FOR 2 APPROACHES, COMPLETE (ITEM 643.22)	1 LS
FURNISH AND INSTALL FIBER INTERCONNECT BETWEEN MECHANIC STREET AND SACO STREET (ITEM 643.90)	745 LF
FURNISH AND INSTALL DUAL PURPOSE POLE 50' MAST ARM W/LUMINAIRE (ITEM 643.94)	3 EA
FURNISH AND INSTALL DUAL PURPOSE POLE 35' MAST ARM W/LUMINAIRE (ITEM 643.94)	1 EA
FURNISH AND INSTALL DUAL PURPOSE POLE 25' MAST ARM W/LUMINAIRE (ITEM 643.94)	1 EA
FURNISH AND INSTALL 8-FOOT PEDESTAL POLE (ITEM 643.92)	3 EA

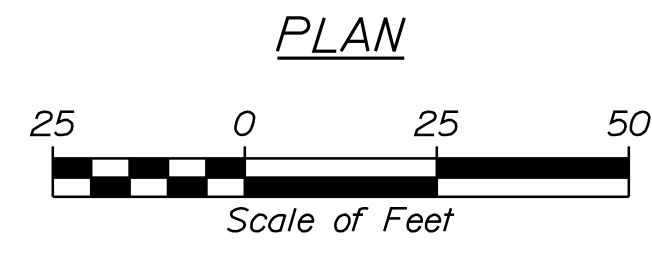
THE LISTED QUANTITIES ARE APPROXIMATE AND ARE PROVIDED FOR INFORMATION ONLY.



PROPOSED SIGNS



NOTE:  
1. ALL OVERHEAD SIGNS SHALL BE INCIDENTAL TO ITEM 643.71 TRAFFIC SIGNAL MODIFICATION



LEGEND — MAST ARM — SIGNAL CONTROLLER — OVERHEAD SIGN — SIGNAL HEAD — PEDESTRIAN SIGNAL HEAD W/PUSH BUTTON — JUNCTION BOX (PULL BOX) — TRAFFIC SIGNAL CONDUIT — VEHICLE DETECTION CAMERA — VEHICLE DETECTION ZONE — ADVANCE DETECTION — EMERGENCY PREEMPTION RECEIVER — PREEMPTION STROBE

STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION  
02379700  
WIN  
023797.00  
HIGHWAY PLANS

STATE OF MAINE  
BRADLEY R. LYON  
No. 12632  
REGISTERED PROFESSIONAL ENGINEER

DATE: 01/13/2022  
SIGNATURE: 12632  
P.E. NUMBER: 01/13/2022

PROJ. MANAGER: E. MARTIN  
DESIGN-DETAILED: C. THOMPSON 08/30/19  
CHECKED-REVIEWED: B. LYON 07/29/21  
REVISIONS: 1 C. THOMPSON 07/31/22  
REVISIONS: 2  
REVISIONS: 3

WESTBROOK  
WILLIAM CLARKE DRIVE  
TRAFFIC SIGNAL PLANS

SHEET NUMBER  
12  
OF 46