

PROJECT DESCRIPTION

GENERAL

THIS PROJECT INVOLVES THE MODIFICATION TO THE EXISTING TRAFFIC CONTROL SIGNAL AT THE INTERSECTION OF MD 260 AND MD 261 IN CALVERT COUNTY.

THIS MODIFICATION INVOLVES ADDING EXCLUSIVE/PERMISSIVE LEFT-TURN FOR NORTHBOUND MD 261 AND RIGHT-TURN OVERLAP FOR EASTBOUND MD 260.

INTERSECTION OPERATION

THIS INTERSECTION WILL OPERATE IN A NEMA FOUR-PHASE, FULLY-TRAFFIC ACTUATED WITH EXCLUSIVE PERMISSIVE LEFT TURNS FOR NORTHBOUND MD 261 AND RIGHT TURN OVERLAP FOR EASTBOUND MD 261.

EQUIPMENT LISTS

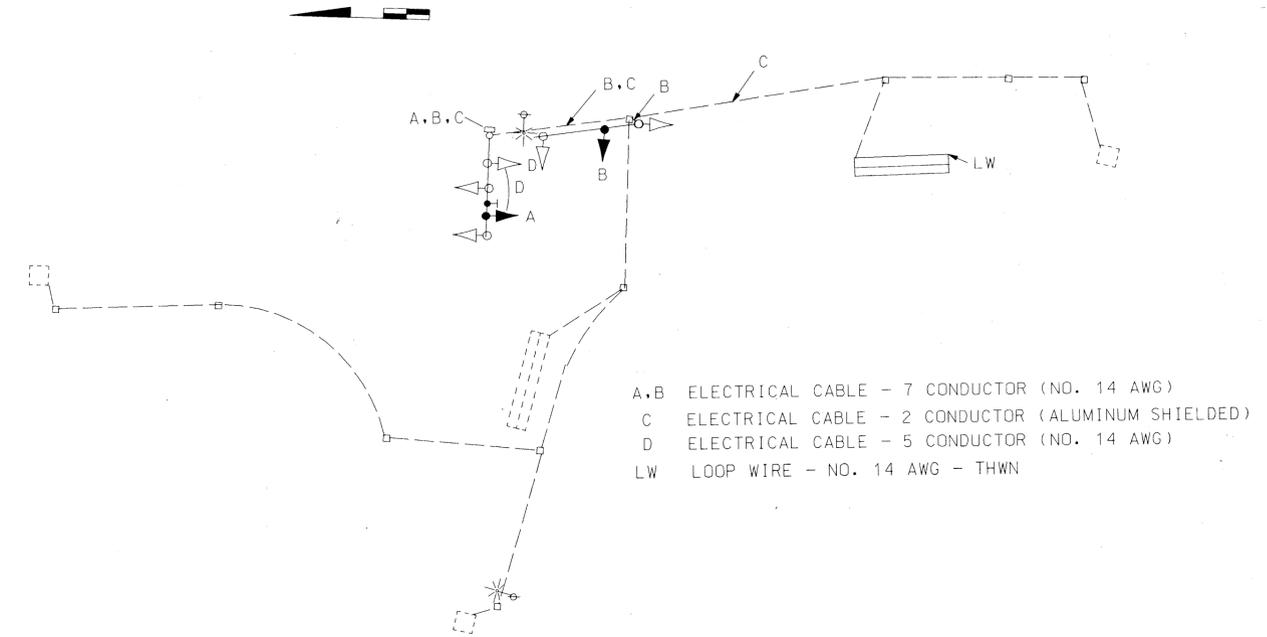
1. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION.

ITEM	QUANTITY	DESCRIPTION
9000	1 EA.	RACK RETROFIT
9002	2 EA.	DETECTOR AMPLIFIER 4-CHANNEL RACK MT
9004	1 EA.	DETECTOR RACK POWER SUPPLY
9007	1 EA.	NEMA LOAD SWITCH
9016	2 EA.	12' ONE-WAY FIVE-SECTION (R,Y,YA,GA) SIGNAL HEAD - MAST ARM MOUNTED
9089	10.5 SF.	R10-12 (LEFT TURN YIELD ON GREEN BALL) (36" x 42") MAST ARM MOUNTED- 1 EACH

2. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR.

ITEM	QUANTITY	DESCRIPTION
1001	1 EA.	MAINTENANCE OF TRAFFIC
8011	2 EA.	INSTALL SIGNAL HEAD (ANY SIZE)
8022	130 LF.	F & 1 SAWCUT FOR SIGNAL (LOOP DETECTOR)
8024	10 LF.	F & 1 1" LIQUID TIGHT FLEXIBLE NON METALLIC CONDUIT - SLEEVE
8043	450 LF.	F & 1 LOOP WIRE - NO. 14 AWG
8044	150 LF.	F & 1 ELECTRICAL CABLE - 2 CONDUCTOR (ALUMINUM SHIELDED)
8047	20 LF.	F & 1 ELECTRICAL CABLE - 5 CONDUCTOR (NO. 14 AWG)
8048	120 LF.	F & 1 ELECTRICAL CABLE - 7 CONDUCTOR (NO. 14 AWG)
8057	10.5 SF.	INSTALL OVERHEAD SIGN
8064	1 EA.	REMOVE AND DISPOSE OF EXISTING MATERIAL AND EQUIPMENT
8067	1 EA.	USE EXISTING PLAN OR DISK AND AS-BUILT TRAFFIC CONTROL DEVICE

WIRING DIAGRAM



PHASE CHART

	1	2	3	4	5	6	7	
	(R) (Y) (G)							
Phase 2 & 5	R	R	←G-G	G	G	R	R	←
5 Change	R	R	←Y-G	G	G	R	R	↘
Phase 2 & 6	G	G	G	G	G	R	R	←
2 & 6 Change	Y	Y	Y	Y	Y	R	R	→
Phase 8	R	R	R	R	R	G	G-G	↑
8 Change	R	R	R	R	R	Y	Y-Y	↑
Flashing	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	↕
Operation								↕

<p>REVISIONS</p>		<p>APPROVALS</p>		<p><b>MARYLAND DOT - STATE HIGHWAY ADMINISTRATION</b>  <i>Office of Traffic &amp; Safety</i>  <b>TRAFFIC ENGINEERING DESIGN DIVISION</b>          MD 260 AND MD 261          GENERAL INFORMATION</p>	
		<p>ASST. DIVISION CHIEF, TEDD</p>			
		<p>ASST. DISTRICT ENGINEER, TRAFFIC</p>			
		<p>CHEF, TRAFFIC ENGINEERING DESIGN DIVISION</p>		<p>DATE 1 / 7 / 76</p>	
<p>ADDED E/P'S TO NB MD 261 &amp; RIGHT TURN OVERLAP FOR EB MD 260 NOVEMBER 1976</p>		<p>DIRECTOR, OFFICE OF TRAFFIC &amp; SAFETY</p>		<p>DRAWN BY: J. SPENCE          CHECK BY:          SCALE: 1'-20'</p>	
				<p>F.A.P. NO.          S.H.A. NO. C 279X-575          COUNTY CALVERT</p>	
				<p>PLAN SHEET NO.: TS-12C          SHEET NO.: 2 OF 2</p>	