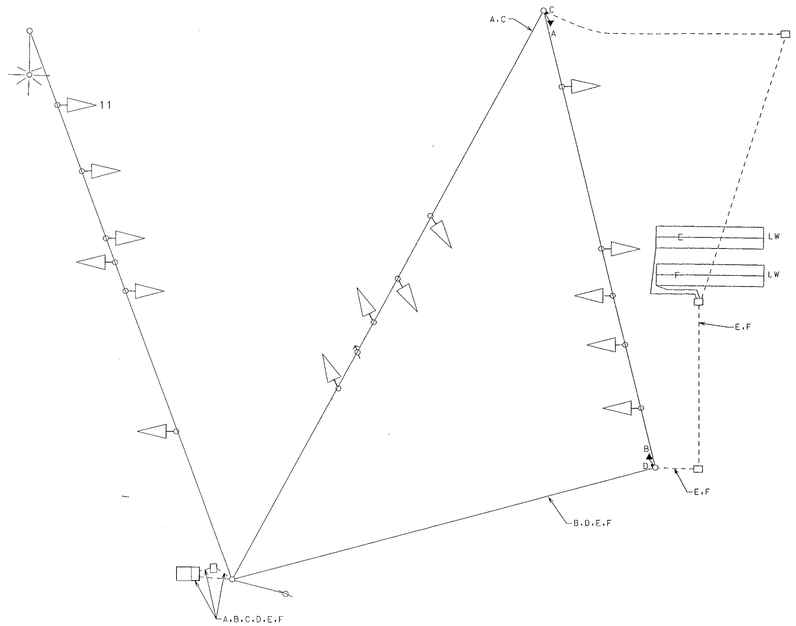
MD 210 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

WIRING DIAGRAM

A-B = 3-CONDUCTOR CABLE (NO. 14 AWG)
C-D = 2-CONDUCTOR CABLE (NO. 14 AWG)
E-F = 2-CONDUCTOR (ALUMINUM SHIELDED) CABLE



EQUIPMENT LISTS

A. EQUIPMENT TO BE FURNISHED BY THE SHA

ITEM NO.	QUANTITY	DESCRIPTION
	144 S.F.	
	1 EACH	ASSOCIATED SHIELD ASSEMBLY SIGN, "EAST, MARYLAND 373, (RIGHT ARROW)", 30" x 51", POLE MOUNTED HARDWARE
	1 EACH	ASSOCIATED SHIELD ASSEMBLY SIGN, "WEST, MARYLAND 373, (LEFT ARROW)", 48" x 75", POLE MOUNTED HARDWARE
	1 EACH	ASSOCIATED SHIELD ASSEMBLY SIGN, "WEST, MARYLAND 373, (RIGHT ARROW)", 30" x 51", POLE MOUNTED HARDWARE
	1 EACH	ASSOCIATED SHIELD ASSEMBLY SIGN, "EAST, MARYLAND 373, (LEFT ARROW)", 48" x 75", POLE MOUNTED HARDWARE
	1 EACH	ASSOCIATED SHIELD ASSEMBLY SIGN, "NORTH, MARYLAND 210, (RIGHT ARROW)", 30" x 51", POLE MOUNTED HARDWARE
	1 EACH	ASSOCIATED SHIELD ASSEMBLY SIGN, "SOUTH, MARYLAND 210, (LEFT ARROW)", 48" x 75", POLE MOUNTED HARDWARE
	1 EACH	ASSOCIATED SHIELD ASSEMBLY SIGN, "SOUTH, MARYLAND 210, (RIGHT ARROW)", 30" x 51", POLE MOUNTED HARDWARE
	1 EACH	ASSOCIATED SHIELD ASSEMBLY SIGN, "NORTH, MARYLAND 210, (LEFT ARROW)", 48" x 75", POLE MOUNTED HARDWARE
	2 EACH	PUSHBUTTON W/ R10-4(1) SIGN, "PUSH BUTTON TO CROSS INDIAN HEAD ROAD", 9" x 12", POLE MOUNTED HARDWARE

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

ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EACH	MAINTENANCE OF TRAFFIC
2001	1 C.Y.	TEST PIT EXCAVATION
2002	.6 C.Y.	CLASS II EXCAVATION
5002	380 L.F.	F & I 12" WHITE LEAD FREE THERMOPLASTIC PAVEMENT MARKINGS
5003	220 L.F.	F & I 24" WHITE LEAD FREE THERMOPLASTIC PAVEMENT MARKINGS
5004	350 L.F.	REMOVE PAVEMENT MARKING TAPE
6001	5 EACH	F & I DEPRESSED CURB AND GUTTER
6002	50 L.F.	F & I TYPE A COMBINATION CURB & GUTTER
6004	375 S.F.	F & I 4" CONCRETE SIDEWALK
8014	4 EACH	F & I 12" PEDESTRIAN HEAD SECTION
8028	1 EACH	REMOVE AND DISPOSE OF EXISTING PER ASSIGNMENT
8046	10 L.F.	F & I 1" NON-METALLIC DETECTOR SLEEVE
8050	142.5 S.F.	INSTALL GROUND MOUNTED SIGN
8059	740 L.F.	F & I ELECTRICAL CABLE - 2-CONDUCTOR (NO. 14 AWG) - ALUMINUM SHIELDED
8060	620 L.F.	F & I ELECTRICAL CABLE - 2-CONDUCTOR (NO. 14 AWG)
8061	640 L.F.	F & I ELECTRICAL CABLE - 3-CONDUCTOR (NO. 14 AWG)
8064	820 L.F.	F & I LOOP WIRE ENCASED IN FLEXIBLE TUBING (NO. 14 AWG)
8065	250 L.F.	F & I SAWCUT
8066	2 EACH	INSTALL PUSHBUTTON AND SIGN
NEG.	15 L.F.	F & I WOOD SIGN SUPPORTS - 4" x 4"

C. EQUIPMENT TO BE REMOVED AND RETURNED TO THE SHA

ITEM NO.	QUANTITY	DESCRIPTION

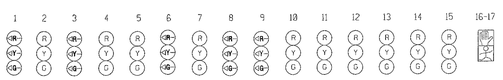
ALL REMOVED SIGNAL MATERIALS ARE TO BECOME THE PROPERTY OF THE CONTRACTOR

PROJECT DESCRIPTION

I. GENERAL

THIS PROJECT INVOLVES INSTALLING PEDESTRIAN SIGNALS, AND A CROSSWALK ON THE NORTH LEG OF MD 210. MD 210 RUNS IN A NORTH-SOUTH DIRECTION.

PHASE CHART



	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16-17
PHASE 1 & 5	◁G-	R	◁G-	R	R	◁G-	R	◁G-	◁G-	R	R	R	R	R	R	DW
1 & 5 CHANGE	THE CONTROLLER MAY SKIP TO PHASES 1 & 6 OR 2 & 5 OR 2 & 6															
PHASE 1 & 6	◁G-	G	◁G-	G	G	◁R-	R	◁R-	◁R-	R	R	R	R	R	R	DW
1 CHANGE	◁Y-	G	◁Y-	G	G	◁R-	R	◁R-	◁R-	R	R	R	R	R	R	DW
PHASE 2 & 5	◁R-	R	◁R-	R	R	◁G-	G	◁G-	◁G-	G	G	R	R	R	R	DW
5 CHANGE	◁R-	R	◁R-	R	R	◁Y-	G	◁Y-	◁Y-	G	G	R	R	R	R	DW
PHASE 2 & 6	◁R-	G	◁R-	G	G	◁R-	G	◁R-	◁Y-	G	G	R	R	R	R	DW
2 & 6 CHANGE	◁R-	Y	◁R-	Y	Y	◁R-	Y	◁R-	◁Y-	Y	Y	R	R	R	R	DW
PHASE 4 & 8	◁R-	R	◁R-	R	R	◁R-	R	◁R-	◁R-	R	R	G	G	G	G	DW
4 & 8 CHANGE	◁R-	R	◁R-	R	R	◁R-	R	◁R-	◁R-	R	R	Y	Y	Y	Y	DW
Ø8 ALT.	◁R-	R	◁R-	R	R	◁R-	R	◁R-	◁R-	R	R	G	G	G	G	WK
PED. CLEAR	◁R-	R	◁R-	R	R	◁R-	R	◁R-	◁R-	R	R	G	G	G	G	FL/DW
Ø8 ALT. CHANGE	◁R-	R	◁R-	R	R	◁R-	R	◁R-	◁R-	R	R	Y	Y	Y	Y	DW
FLASHING OPERATION	FL/RA	FL/Y	FL/RA	FL/Y	FL/R	FL/RA	FL/Y	FL/RA	FL/RA	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	DARK

FIRE HOUSE PRE-EMPTION

FIREHOUSE PRE-EMPTION PHASE 4	◁R-	R	◁R-	R	R	◁R-	R	◁R-	◁R-	R	R	R	R	G	G	DW
PRE-EMPTION CLEARANCE	◁R-	R	◁R-	R	R	◁R-	R	◁R-	◁R-	R	R	R	R	Y	Y	DW
PHASE 2 & 6 NORMAL OPERATION	◁R-	G	◁R-	G	G	◁R-	G	◁R-	◁R-	G	G	R	R	R	R	DW

PROJECT CONTACTS

THE PROJECT CONTACTS ARE AS FOLLOWS:

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	ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR, OFFICE OF TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

MD 210 and MD 373
NORTH ACCOKEEK, MARYLAND

DRAWN BY: W.Mekenbers	F.A.P. NO. 238541 & 2502891	T.S. NO. TS-556 E	SHEET NO.
CHECKED BY:	S.H.A. NO.		
SCALE: NO SCALE	COUNTY PRINCE GEORGE'S	T.I.M.S. NO. E762	2 OF 2
DATE:	LOG MILE 16021003.39		

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