MD 650 IS ASSUMED TO RUN IN A NORTH - SOUTH DIRECTION

PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE INSTALLATION OF E/P LEFT TURN PHASING ALONG NORTH AND SOUTH MD 650.

INTERSECTION OPERATION

THE INTERSECTION WILL OPERATE IN A NEMA SIX-PHASE FULLY ACTUATED MODE, WITH THE MD 650 APPROACHES RUNNING CONCURRENTLY. EXCLUSIVE/PERMISSIVE LEFT TURN PHASES SHALL BE PROVIDED FOR BOTH APPROACHES OF MD 650. THE QUEBEC STREET APPROACHES WILL RUN CONCURRENTLY WITH A PUSHBUTTON ACTUATED PEDESTRIAN PHASE ACROSS THE NORTH LEG OF THE INTERSECTION.

PROJECT CONTACTS DISTRICT 3	CONTACTS FOR THE OFFICE OF TRAFFIC
MR. MAJID SHAKIB ASST. DIST. ENGR. TRAFFIC 301-513-7358	MR. RICHARD DAFF CHIEF TRAFFIC OPERATIONS 410-787-7630
MR. RANDY BROWN ASST. DIST. ENGR. MAINTENANCE 301-513-7304	MR. ED RODENHIZER TEAMLEADER SIGNAL OPERATION 410-787-7650
MR. AUGIE REBISH UTILITIES ENGR. 301-513-7350	MR. EUGENE BAILEY TEAMLEADER SIGN OPERATIONS 410-787-7676
MR. JOHN D. WARNICK ASST. DIST. ENGR. CONSTRUCTION 301-513-7336	MR. DAVE SCHWARTZ SUPPLY OFFICER SIGNAL WAREHOUSE 410-787-7666

A. EQUIPMENT TO BE FURNISHED BY STATE HIGHWAY ADMINISTRATION

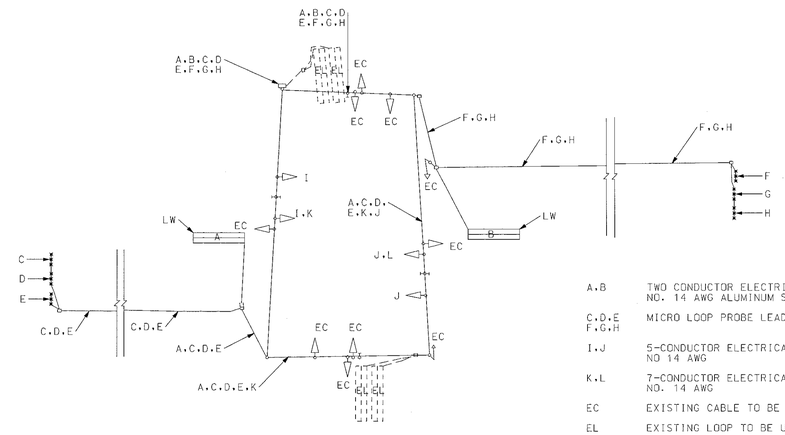
SPEC NO.	CATEGORY CODE NO.	QUANTITY	DESCRIPTION
	973023	15 SF	FLAT SHEET ALUMINUM SIGNS 2 EA R10-12 36"X42" FOR SPAN MOUNT

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

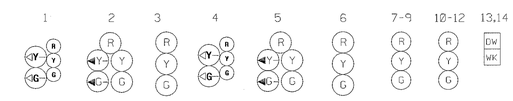
SPEC NO.	CATEGORY CODE NO.	QUANTITY	DESCRIPTION
104	120500	1 LS	MAINTENANCE OF TRAFFIC
556	585620	240 LF	12 INCH HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING
556	585624	140 LF	24 INCH HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING
---	500000	50 LF	REMOVE EXISTING PAVEMENT MARKING ANY WIDTH
---	800000	6 EA	FURNISH AND INSTALL TRIPLE MICRO LOOP PROBE SET
805	805160	30 LF	FURNISH AND INSTALL 1 INCH LIQUID TIGHT FLEXIBLE NON-METALIC CONDUIT FOR DETECTOR SLEEVE
814	860270	6 EA	FURNISH AND INSTALL 8 INCH VEHICULAR TRAFFIC SIGNAL HEAD SECTION
814	860272	14 EA	FURNISH AND INSTALL 12 INCH VEHICULAR TRAFFIC SIGNAL HEAD SECTION
810	861104	600 LF	FURNISH AND INSTALL ELECTRICAL CABLE 2-CONDUCTOR (ALUMINUM SHIELDED)
810	861107	60 LF	FURNISH AND INSTALL ELECTRICAL CABLE 5-CONDUCTOR
810	861108	630 LF	FURNISH AND INSTALL ELECTRICAL CABLE 7-CONDUCTOR
815	862102	400 LF	FURNISH AND INSTALL SAW CUT FOR SIGNAL (LOOP DETECTOR)

C. EQUIPMENT TO BE RETURNED TO STATE HIGHWAY ADMINISTRATION

NONE



A.B	TWO CONDUCTOR ELECTRICAL CABLE NO. 14 AWG ALUMINUM SHIELDED
C.D.E F.G.H	MICRO LOOP PROBE LEAD IN CABLE
I.J	5-CONDUCTOR ELECTRICAL CABLE NO 14 AWG
K.L	7-CONDUCTOR ELECTRICAL CABLE NO. 14 AWG
EC	EXISTING CABLE TO BE USED
EL	EXISTING LOOP TO BE USED



	1	2	3	4	5	6	7-9	10-12	13.14
Phase 1 & 5	◀G-R	◀G-R	G	◀G-R	◀G-R	G	R	R	D/W
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	D/W
1 Change	◀Y-G	◀Y-G	G	R	R	G	R	R	D/W
Phase 2 & 5	R	R	R	◀G-R	◀G-R	G	R	R	D/W
5 Change	R	R	R	◀Y-R	◀Y-R	G	R	R	D/W
Phase 2 & 6	G	G	G	G	G	G	R	R	D/W
2 & 6 Change	Y	Y	Y	Y	Y	Y	R	R	D/W
Phase 4 & 8	R	R	R	R	R	R	G	G	D/W
4 & 8 Change	R	R	R	R	R	R	Y	Y	D/W
4 & 8 Alt.	R	R	R	R	R	R	G	G	FL/W
8 Ped. Clear	R	R	R	R	R	R	G	G	FL/DW
4 & 8 Alt. Change	R	R	R	R	R	R	Y	Y	DW
Flashing Operation	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	DARK

UTILITY LEGEND

—G—G—	GAS MAIN
—W—W—	WATER MAIN
—S—S—	SEWER MAIN
—E—E—	ELECTRIC CABLES
—A—A—	AERIAL CABLES
—T—T—	TELEPHONE CABLES

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
MD 650 (NEW HAMPSHIRE AVE)
AT QUEBEC STREET

DRAWN BY: DAVE WALLACE	F.A.P. NO.		TS NO. 1617 E	SHEET NO.
CHECKED BY: DAN MESZLER	S.H.A. NO.			
SCALE: 1" = 20'	COUNTY:	PRINCE GEORGES	T.I.M.S. NO. E624	OF
DATE: 4/18/78	LOG MILE:	16065002.39		