PROJECT DESCRIPTION

GENERAL

THIS PORTION OF THE PROJECT INVOLVES MODIFICATION OF THE EXISTING TRAFFIC CONTROL SIGNAL FOR STAGE VB OF THE MAINTENANCE OF TRAFFIC PLANS AT THE INTERSECTION OF MD 212 (POWDER MILL ROAD) AND CHERRY HILL ROAD IN PRINCE GEORGE'S COUNTY. MD 212 IS ASSUMED TO RUN IN AN EAST/WEST DIRECTION.

INTERSECTION OPERATION

DURING STAGE VB,THE INTERSECTION WILL OPERATE IN A NEMA SIX-PHASE, PRE-TIMED MODE WITH THE MD 212 APPROACHES OPERATING CONCURRENTLY AND THE CHERRY HILL ROAD APPROACHES OPERATING WITH SPLIT PHASES.

EXCLUSIVE DOUBLE LEFT-TURN PHASE EXISTS FOR EASTBOUND MD 212 AND EXCLUSIVE/PERMISSIVE LEFT-TURN PHASE EXISTS FOR WESTBOUND MD 212.

AN ALTERNATE PEDESTRIAN PHASE IS PROVIDED ACROSS THE EAST LEG OF MD 212. PEDESTRIAN INDICATIONS EXIST, TO CROSS THE NORTH LEG OF CHERRY HILL ROAD

CONTROLLER REQUIREMENTS

THE EXISTING BASE MOUNTED CABINET AND CONTROLLER WILL BE USED.

MAINTENANCE OF TRAFFIC

THE FOLLOWING TRAFFIC CONTROL STANDARDS SHALL BE REFERENCED FOR THE PROJECT.

STANDARD NO. MD-104.00 - 104.00-12
STANDARD NO. MD-104.31-01 (FLAGGING OPERATION)
STANDARD NO. MD-104.43-01 (SHOULDER WORK)
STANDARD NO. MD-104.37-01 (LEFT-LANE CLOSURE)
STANDARD NO. MD-104.38-01 (RIGHT-LANE CLOSURE)
STANDARD NO. MD-104.34-01 (LANE SHIFT)
STANDARD NO. MD-104.32-02 (INTERSECTION FLAGGING OPERATION)

PROJECT CONTACTS

THE CONTACT PERSONS FOR SHA ARE AS FOLLOWS:

MR. CHARLES WATKINS
DISTRICT ENGINEER
PHONE: (301) 513-7311

MR. MAJIB SHAKIB
ASSISTANT DISTRICT ENGINEER - TRAFFIC
PHONE: (301) 513-7358

MR. RANDY BROWN
ASSISTANT DISTRICT ENGINEER - MAINTENANCE
PHONE: (301) 513-7304

MR. JOE GECKLE
DISTRICT UTILITIES ENGINEER
PHONE: (301) 513-7350

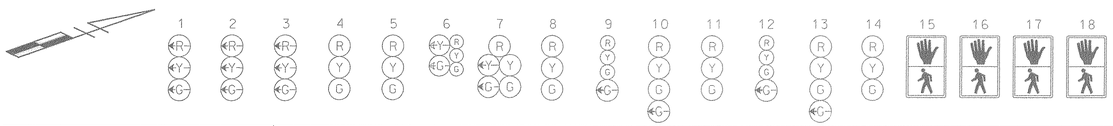
MR. RICHARD L. DAFF, SR.
CHIEF, TRAFFIC OPERATIONS DIVISION
PHONE: (410) 787-7630

EQUIPMENT LIST "B"

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

CATEGORY CODE NO.	QUANTITY	DESCRIPTION
120500	LUMP SUM	MAINTENANCE OF TRAFFIC
120610	1 U.D.	ARROW PANEL
860265	8 EACH	RELOCATE EXISTING SIGNAL HEADS
800000	38 S.F.	RELOCATE EXISTING SIGNS ON SPAN WIRE
800000	LUMP SUM	REMOVAL AND DISPOSAL OF EXISTING MATERIAL AND EQUIPMENT
805160	30 L.F.	FURNISH AND INSTALL 1 IN. LIQUID-TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE
811001	6 EACH	FURNISH AND INSTALL ELECTRICAL HANDHOLE
805145	140 L.F.	FURNISH AND INSTALL 2 IN. SCHEDULE 80 RIGID PVC CONDUIT - SLOTTED
805155	55 L.F.	FURNISH AND INSTALL 4 IN. SCHEDULE 80 RIGID PVC CONDUIT - SLOTTED
800000	210 L.F.	FURNISH AND INSTALL 2 IN. SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED

PHASE CHART



	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
PHASE 1 + 5	G	G	G	R	R	R G	R G	R	R	R	R	R	R	R	DW	DW	DW	DW
1 + 5 CHANGE	1 + 5 MAY CHANGE TO PHASE 1 + 6, PHASE 2 + 5 OR PHASE 2 + 6																	
PHASE 1 + 6	G	G	G	G	G	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW
1 + 6 CHANGE	Y	Y	Y	G	G	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW
PHASE 2 + 5	R	R	R	R	R	G G	G G	G	R	R	R	R	R	R	WK	WK	DW	DW
2 + 5 CHANGE	R	R	R	R	R	G Y	G Y	G	R	R	R	R	R	R	WK	WK	DW	DW
PHASE 2 + 6	R	R	R	G	G	G	G	G	R	R	R	R	R	R	WK	WK	DW	DW
PED. CLEARANCE	R	R	R	G	G	G	G	G	R	R	R	R	R	R	FL/DW	FL/DW	DW	DW
2 + 6 CHANGE	R	R	R	Y	Y	Y	Y	Y	R	R	R	R	R	R	DW	DW	DW	DW
PHASE 3	R	R	R	R	R	R	R	R	R	R	R	G G	G G	G	DW	DW	DW	DW
3 CHANGE	R	R	R	R	R	R	R	R	R	R	R	Y	Y	Y	DW	DW	DW	DW
PHASE 4	R	R	R	R	R	R	R	R	G G	G G	G	R	R	R	DW	DW	DW	DW
4 CHANGE	R	R	R	R	R	R	R	R	Y	Y	Y	R	R	R	DW	DW	DW	DW
PHASE 4 ALT.	R	R	R	R	R	R	R	R	G G	G G	G	R	R	R	DW	DW	WK	WK
PED. CLEARANCE	R	R	R	R	R	R	R	R	G G	G G	G	R	R	R	DW	DW	FL/DW	FL/DW
4 ALT. CHANGE	R	R	R	R	R	R	R	R	Y	Y	Y	R	R	R	DW	DW	DW	DW
FLASHING OPERATION	FL/R	FL/R	FL/R	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	DARK	DARK	DARK	DARK

STAGE VB (TSP-8)

WR&A
Whitman, Requardt and Associates, LLP
2315 Saint Paul Street
Baltimore, Maryland 21218
(410) 235-3450

REVISIONS

APPROVALS

ASST. TRAFFIC ENGINEERING DESIGN DIVISION

ASST. DISTRICT ENGINEER, TRAFFIC

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
GENERAL INFORMATION SHEET
MD 212 (POWDER MILL ROAD) AT CHERRY HILL ROAD

DRAWN BY:	K.LITZ	F.A.P. NO.		TS NO. TS-1923D	SHEET NO.
CHECKED BY:	N.LEARY	S.H.A. NO.	PG 244 5171		
SCALE:	1"= 20'	COUNTY:	PRINCE GEORGES	T.I.M.S. NO.	64 OF
DATE:	7-1-99	LOG MILE:			