

EQUIPMENT LIST

A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION.

CATEGORY CODE NO.	DESCRIPTION	UNITS	QUANTITY
900000	MASTER LOCAL CONTROLLER AND CABINET SIZE 6 W/ VIDEO DETECTION INTERFACE EQUIP. (5-8 CAMERAS)	EA	1
973023	FLAT SHEET ALUMINUM GROUND MOUNTED SIGNS:	SF	75
	GUIDE SHIELD ASSEMBLY (60" X 51") GROUND MOUNT TO, INTERSTATE 270, VERTICAL ARROW NORTH, MD 355, RIGHT ARROW	EA	1
	GUIDE SHIELD ASSEMBLY (60"X51") GROUND MOUNT TO, INTERSTATE 270, RIGHT ARROW SOUTH, MD 118, RIGHT ARROW	EA	1
	M1-5 "MD 355" (30" X 24") GROUND MOUNT M3-1 "NORTH" (24" X 12") GROUND MOUNT	EA EA	1 1
	GUIDE SHIELD ASSEMBLY (48" X 75") GROUND MOUNT TO, INTERSTATE 270, LEFT ARROW	EA	1
	FLAT SHEET ALUMINUM MAST ARM/POLE MOUNT SIGNS	SF	200
	R3-5L (30"x36") MAST ARM MOUNT R3-5R (30"x36") MAST ARM MOUNT D-3(1) (16" X 84") "GERMANTOWN RD" MAST ARM MOUNT D-3(1) (16" X 72") "FREDERICK RD" MAST ARM MOUNT R10-3(1) (9"x15") SIGN TO READ, "GERMANTOWN ROAD" POLE MOUNT R10-3(1) (9"x15") SIGN TO READ, "FREDERICK ROAD" POLE MOUNT	EA EA EA EA EA EA	4 1 4 4 4 4
	GUIDE SHIELD ASSEMBLY (48" X 75") POLE MOUNT SOUTH, MD 118, LEFT ARROW	EA	1
	GUIDE SHIELD ASSEMBLY (30" X 51") POLE MOUNT SOUTH, MD 355, RIGHT ARROW	EA	1
	GUIDE SHIELD ASSEMBLY (48" X 75") POLE MOUNT NORTH, MD 355, LEFT ARROW	EA	1
	GUIDE SHIELD ASSEMBLY (48" X 75") POLE MOUNT SOUTH, MD 355, RIGHT ARROW	EA	1

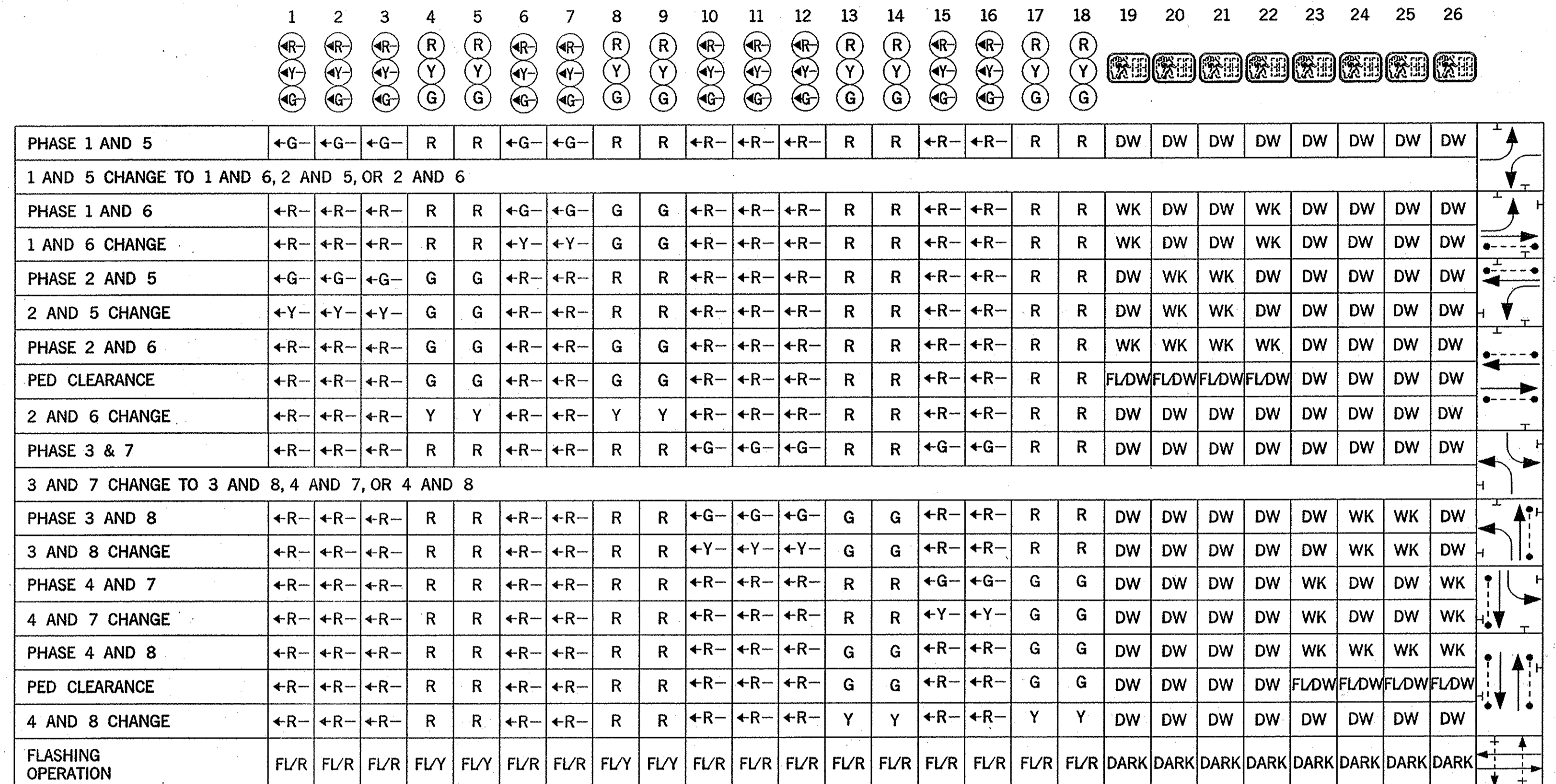
B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR.

CATEGORY CODE NO.	DESCRIPTION	UNITS	QUANTITY
114285	REMOVAL OF EXISTING PAVEMENT LETTERS, SYMBOLS, ARROWS AND NUMBERS	EA	16
120662	REMOVAL OF EXISTING PAVEMENT LINE MARKINGS-ANY WIDTH	LF	2200
203030	TEST PIT EXCAVATION	CY	7
585405	5 INCH WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS	LF	80
585408	10 INCH WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS	LF	250
585428	LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKING ARROW	EA	8
585621	12 INCH WHITE PREFORMED THERMO. PAVEMENT MARKING	LF	1050
585625	24 INCH WHITE PREFORMED THERMO. PAVEMENT MARKING	LF	250
800000	DISCONNECT AND REROUTE 50 PAIR INTERCONNECT CABLE	LF	205
800000	DISCONNECT AND REROUTE 12 PAIR INTERCONNECT CABLE	LF	100
800000	DISCONNECT AND REROUTE 12 PAIR INTERCONNECT CABLE - SELF SUPPORTING	LF	50
800000	REMOVE AND DISPOSE OF EXISTING EQUIPMENT	LS	1
800000	15 FOOT "T" STEEL POLE WITH A SINGLE 60 FOOT MAST ARM	EA	1
801004	CONCRETE FOR SIGNAL FOUNDATIONS	CY	30
801104	WOOD SIGN SUPPORT 4 INCH X 4INCH	LF	101
801607	INSTALL SHEET ALUMINUM SIGN	SF	200
801711	REMOVE EXISTING GROUND MOUNTED SIGN	SF	7
802501	NO. 6 AWC STRANDED BARE COPPER GROUND WIRE	LF	800
805029	2 INCH U-GUARD/PVC RISER	LF	20
805118	4 INCH SCHED. 80 PVC CONDUIT-BORED	LF	1050
805125	2 INCH SCHED. 80 PVC CONDUIT-TRENCHED	LF	40
805135	3 INCH SCHED. 80 PVC CONDUIT-TRENCHED	LF	200
805140	4 INCH SCHED. 80 PVC CONDUIT-TRENCHED	LF	80
807202	METERED SERVICE PEDESTAL	EA	1
811001	FURNISH AND INSTALL ELECTRICAL HANDHOLE	EA	10
813014	INSTALL GROUND MOUNTED SIGN	SF	75
816001	VIDEO DETECTION CAMERA	EA	6
816005	CONTROL CABLE, 250 FOOT VIDEO DETECTION CAMERA TO CONTROLLER	EA	2
816010	CONTROL CABLE, 500 FOOT VIDEO DETECTION CAMERA TO CONTROLLER	EA	4
818004	10 FOOT BREAKAWAY PEDESTAL POLE	EA	7
818052	STEEL POLE WITH A SINGLE 70 FOOT MAST ARM	EA	3
831010	250 WATT HPS LAMP AND LUMINAIRE	EA	1
837001	GROUND ROD - 3/4" INCH DIA. X 10 FOOT LENGTH	EA	1
860284	12 INCH LED VEHICULAR TRAFFIC SIGNAL HEAD SECTION	EA	54
800000	16 INCH LED COUNTDOWN PEDESTRIAN SIGNAL HEAD SECTION	EA	8
861105	ELECTRICAL CABLE - 2 CONDUCTOR (NO. 14 AWG)	LF	1750
861107	ELECTRICAL CABLE - 5 CONDUCTOR (NO. 14 AWG)	LF	2950
861108	ELECTRICAL CABLE - 7 CONDUCTOR (NO. 14 AWG)	LF	2450
861116	ELECTRICAL CABLE - 2 CONDUCTOR (NO. 12 AWG) TYPE T/C	LF	80
800000	AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON AND SIGN	EA	8
866104	20 FOOT LIGHTING ARM ON SIGNAL STRUCTURE	EA	1
871202	INSTALL CONTROLLER AND CABINET - BASE MOUNT	EA	1
800000	AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON AND SIGN	EA	8
800000	RELOCATE EXISTING SPLICE CABINET	EA	1
800000	2 - WIRE CENTRAL CONTROL UNIT	EA	1
800000	ELECTRICAL CABLE - 1 CONDUCTOR (NO. 4 AWG THHN/THWN)	LF	25
800000	3 WIRE, 1 CONDUCTOR 250 KCML ELECTRICAL CABLE	LF	25

C. SHA FORCES SHALL REMOVE THE CONTROLLER AND ALL AUXILIARY EQUIPMENT FROM THE CONTROLLER CABINET. THE CABINET AND ALL OTHER MATERIALS TO BE REMOVED BY THE CONTRACTOR SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

CATEGORY CODE NO.	DESCRIPTION CONTROLLER	UNITS	QUANTITY
		EA	1

PHASE CHART



BY: jholloway

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 355 (FREDERICK ROAD) AT MD 118 (GERMANTOWN ROAD)
LEFT TURN LANE EXTENSION AND
TRAFFIC SIGNAL RECONSTRUCTION

TRAFFIC SIGNAL - GENERAL INFORMATION

SCALE: NTS ADVERTISED DATE: MAY 2008 CONTRACT NO.: M05635187

DESIGNED BY: DSJ COUNTY: MONTGOMERY
DRAWN BY: JEH LOGMILE: 15011807.39
CHECKED BY: DSJ TMS NO.: G546
F.A.P. NO.: SEE TITLE SHEET TOD NO.: <TOD NO.>

TS NO. 2475B DRAWING SG-03 OF 3 SHEET NO. 14 OF 18

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