

EQUIPMENT LIST

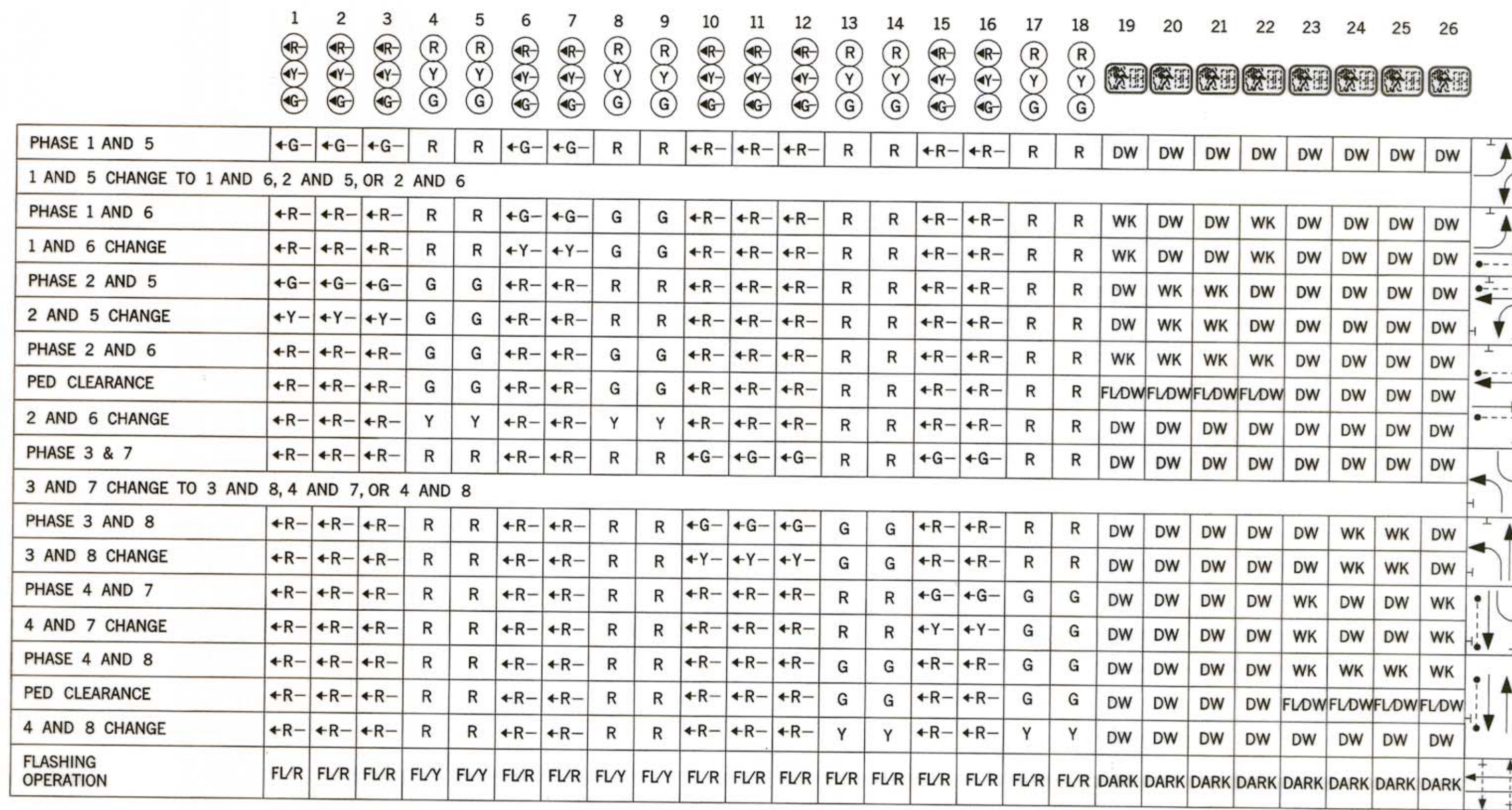
| A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION. | | | |
|--|---|-------|----------|
| CATEGORY CODE NO. | DESCRIPTION | UNITS | QUANTITY |
| 971017 | EIGHT PHASE (FULLY ACTUATED) CONTROLLER AND CABINET-BASE MOUNTED | EA | 1 |
| 973023 | SHEET ALUMINUM SIGNS (GROUND MOUNTED): | SF | 57 |
| | GUIDE SHIELD ASSEMBLY (60" X 48") GROUND MOUNT TO, INTERSTATE 270, VERTICAL ARROW NORTH, MD 355, RIGHT ARROW | EA | 1 |
| | GUIDE SHIELD ASSEMBLY (60" X 48") GROUND MOUNT SOUTH, MD 118, DIAGONAL ARROW TO, INTERSTATE 270, DIAGONAL ARROW | EA | 1 |
| | M1-5 "MD 355" (30" X 24") GROUND MOUNT | EA | 1 |
| | M3-1 "NORTH" (24" X 12") GROUND MOUNT | EA | 1 |
| | GUIDE SHIELD ASSEMBLY (30" X 48") GROUND MOUNT TO, INTERSTATE 270, ADVANCE LEFT ARROW | EA | 1 |
| 973023 | SHEET ALUMINUM SIGNS (MAST ARM/POLE MOUNTED): | SF | 207 |
| | R3-5L (30"x36") MAST ARM MOUNT | EA | 4 |
| | R3-5R (30"x36") MAST ARM MOUNT | EA | 1 |
| | D-3(1) (96" X 16") "GERMANTOWN RD" MAST ARM MOUNT | EA | 4 |
| | D-3(1) (84" X 16") "FREDERICK RD" MAST ARM MOUNT | EA | 4 |
| | R10-3(1) (9"x15") SIGN TO READ, "GERMANTOWN ROAD" POLE MOUNT | EA | 4 |
| | R10-3(1) (9"x15") SIGN TO READ, "FREDERICK ROAD" POLE MOUNT | EA | 4 |
| | GUIDE SHIELD ASSEMBLY (48" X 72") POLE MOUNT SOUTH, MD 118, LEFT ARROW | EA | 1 |
| | GUIDE SHIELD ASSEMBLY (30" X 48") POLE MOUNT SOUTH, MD 355, RIGHT ARROW | EA | 1 |
| | GUIDE SHIELD ASSEMBLY (48" X 72") POLE MOUNT NORTH, MD 355, LEFT ARROW | EA | 1 |
| | GUIDE SHIELD ASSEMBLY (48" X 72") 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 |
| 114280 | REMOVAL OF EXISTING PAVEMENT LINE MARKINGS-ANY WIDTH | LF | 2200 |
| 203030 | TEST PIT EXCAVATION | CY | 7 |
| 585621 | 12 INCH WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING LINES | LF | 1050 |
| 585625 | 24 INCH WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING LINES | LF | 210 |
| 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 4 INCH | LF | 79 |
| 801106 | WOOD SIGN SUPPORT 4 INCH X 6 INCH | LF | 16 |
| 801607 | INSTALL SHEET ALUMINUM SIGN | SF | 207 |
| 801711 | REMOVE EXISTING GROUND MOUNTED SIGNS AND SUPPORTS | SF | 7 |
| 802501 | NO. 6 AWG 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 | 57 |
| 800000 | VIDEO DETECTION CAMERA | EA | 6 |
| 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 | 11 |
| 837001 | GROUND ROD - 3/4 INCH DIA. X 10 FOOT LENGTH | EA | 54 |
| 860284 | 12 INCH LED VEHICULAR TRAFFIC SIGNAL HEAD SECTION | EA | 8 |
| 800000 | 16 INCH LED COUNTDOWN PEDESTRIAN SIGNAL HEAD SECTION | EA | 1750 |
| 861105 | ELECTRICAL CABLE - 2 CONDUCTOR (NO. 14 AWG) | LF | 2950 |
| 861107 | ELECTRICAL CABLE - 5 CONDUCTOR (NO. 14 AWG) | LF | 2450 |
| 861108 | ELECTRICAL CABLE - 7 CONDUCTOR (NO. 14 AWG) | LF | 80 |
| 861116 | ELECTRICAL CABLE - 2 CONDUCTOR (NO. 12 AWG) TYPE T/C | EA | 2 |
| 800000 | AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON AND SIGN | EA | 2 |
| 866104 | 20 FOOT LIGHTING ARM ON SIGNAL STRUCTURE | EA | 1 |
| 871202 | INSTALL CONTROLLER AND CABINET - BASE MOUNT | 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 KCMIL 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 | UNITS | QUANTITY |
|-------------------|-------------|-------|----------|
| | CONTROLLER | EA | 1 |

PHASE CHART



Redline Revision No. 1
Justin W. Anelli
 TEDD Approval
 Date 10/17/2011

SUA 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: MARCH 2011, CONTRACT NO.: MO5635187

DESIGNED BY: DSU COUNTY: MONTGOMERY
 DRAWN BY: JEH LOGMILE: 15011807.39
 CHECKED BY: DSU TMS NO.: I 477
 F.A.P. NO.: SEE TITLE SHEET TOD NO.:

TS NO. 2475B DRAWING **SG-03** OF 3 SHEET NO. 14 OF 20

WBCM
 ARCHITECTURE ENGINEERING CONSTRUCTION

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