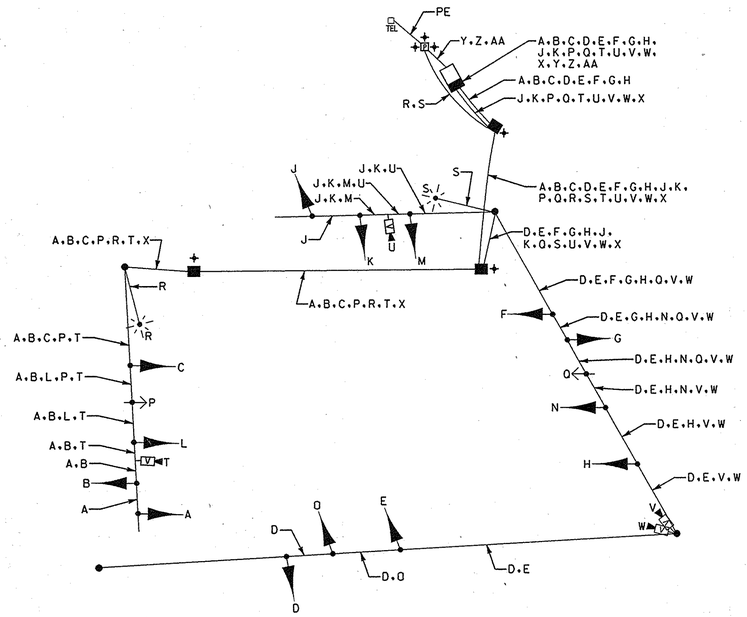
## WIRING DIAGRAMS




WIRING KEY

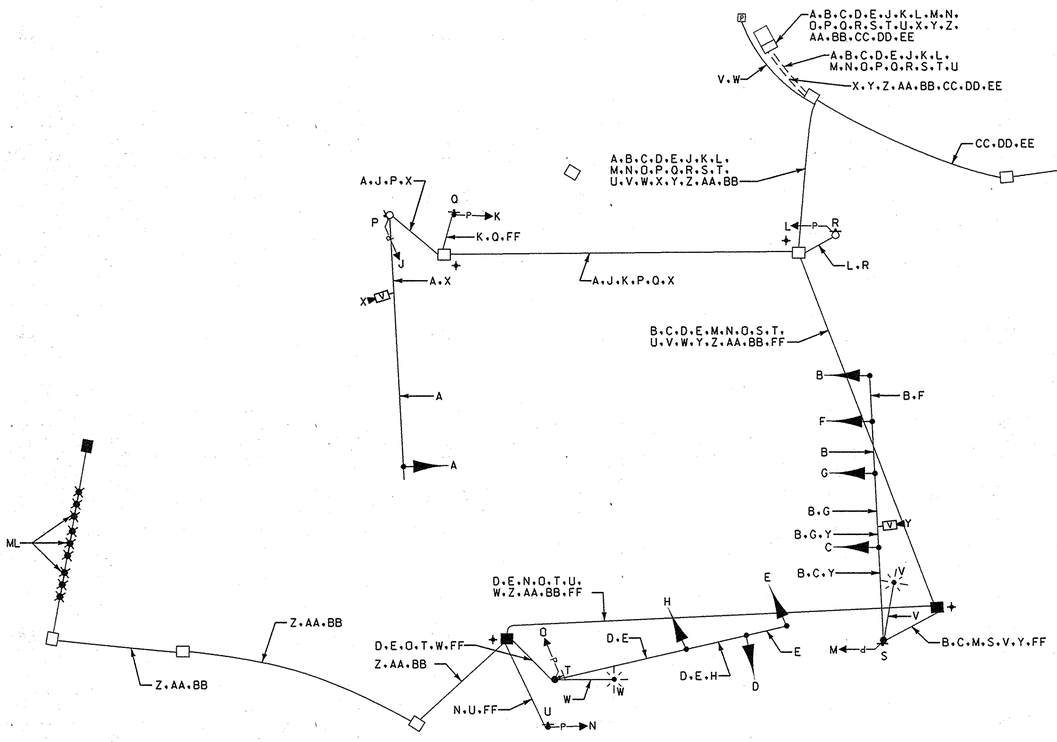
- A B C D E — 7-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
- F G H J K
- L M N O — 5-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
- P Q — 4-CONDUCTOR OPTICOM DETECTOR CABLE (NO. 14 A.W.G.)
- R S — 2-CONDUCTOR ELECTRICAL CABLE (NO. 12 A.W.G.)
- T U V W — VIDEO CAMERA DETECTION LEAD-IN CABLE
- X — STRANDED BARE COPPER GROUND WIRE (NO. 6 A.W.G.)
- Y Z AA — 1-CONDUCTOR ELECTRICAL CABLE (NO. 4 A.W.G.)
- PE - PROPOSED UNDERGROUND ELECTRICAL SERVICE
- + - 3/4 IN. X 10 FT. GROUND ROD

## MD 2-4 AND HALLOWING POINT RD. - PHASE 1

## PHASE CHART - MD 2-4 AND HALLOWING POINT RD. - ULTIMATE

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R Y G | R Y G | R Y G | R Y G | R Y G | R Y G | R Y G | R Y G | R Y G | R Y G | R Y G | R Y G | R Y G | R Y G | W 20 | W 20 | W 20 | W 20 | W 20 | W 20 |
| PHASE 1 + 5 | ←G— | ←G— | R | R | ←G— | ←G— | R | R | R | R | R | R | R | R | DW | DW | DW | DW | DW | DW |
| 1 + 5 CHANGE | PHASE 1 + 5 MAY CHANGE TO PHASE 1 + 6, PHASE 2 + 5 OR PHASE 2 + 6 | | | | | | | | | | | | | | | | | | | |
| PHASE 1 + 6 | ←G— | ←G— | G | G | ←R— | ←R— | R | R | R | R | R | R | R | R | DW | DW | DW | DW | DW | DW |
| 1 CHANGE | ←Y— | ←Y— | G | G | ←R— | ←R— | R | R | R | R | R | R | R | R | DW | DW | DW | DW | DW | DW |
| PHASE 2 + 5 | ←R— | ←R— | R | R | ←G— | ←G— | G | G | R | R | R | R | R | R | DW | DW | DW | DW | DW | DW |
| 2 CHANGE | ←R— | ←R— | R | R | ←Y— | ←Y— | G | G | R | R | R | R | R | R | DW | DW | DW | DW | DW | DW |
| PHASE 2 + 6 | ←R— | ←R— | G | G | ←R— | ←R— | G | G | R | R | R | R | R | R | WK | WK | WK | WK | DW | DW |
| PED CLEARANCE | ←R— | ←R— | G | G | ←R— | ←R— | G | G | R | R | R | R | R | R | FL/DW | FL/DW | FL/DW | FL/DW | DW | DW |
| 2 + 6 CHANGE | ←R— | ←R— | Y | Y | ←R— | ←R— | Y | Y | R | R | R | R | R | R | DW | DW | DW | DW | DW | DW |
| PHASE 3 | ←R— | ←R— | R | R | ←R— | ←R— | R | R | ←G G— | ←G G— | G | R | R | R | DW | DW | DW | DW | DW | DW |
| 3 CHANGE | ←R— | ←R— | R | R | ←R— | ←R— | R | R | Y | Y | Y | R | R | R | DW | DW | DW | DW | DW | DW |
| PHASE 4 | ←R— | ←R— | R | R | ←R— | ←R— | R | R | R | R | R | ←G G— | ←G G— | G | DW | DW | DW | DW | DW | DW |
| 4 CHANGE | ←R— | ←R— | R | R | ←R— | ←R— | R | R | R | R | R | Y | Y | Y | DW | DW | DW | DW | DW | DW |
| PHASE 4 ALT | ←R— | ←R— | R | R | ←R— | ←R— | R | R | R | R | R | ←G G— | ←G G— | G | DW | DW | DW | DW | WK | WK |
| PED CLEARANCE | ←R— | ←R— | R | R | ←R— | ←R— | R | R | G | R | R | Y | Y | Y | DW | DW | DW | DW | FL/DW | FL/DW |
| 4 ALT CHANGE | ←R— | ←R— | R | R | ←R— | ←R— | R | R | Y | R | R | R | R | Y | DW | DW | DW | DW | DW | DW |
| EMERGENCY | ←R— | ←R— | G | G | ←R— | ←R— | G | G | R | R | R | R | R | R | DW | DW | DW | DW | DW | DW |
| PRE-EMPTION | ←R— | ←R— | Y | Y | ←R— | ←R— | Y | Y | R | R | R | R | R | R | DW | DW | DW | DW | DW | DW |
| FLASHING OPERATION | ←FL/R— | ←FL/R— | FL/Y | FL/Y | ←FL/R— | ←FL/R— | FL/Y | FL/Y | FL/R | FL/R | FL/R | FL/R | FL/R | FL/R | DARK | DARK | DARK | DARK | DARK | DARK |

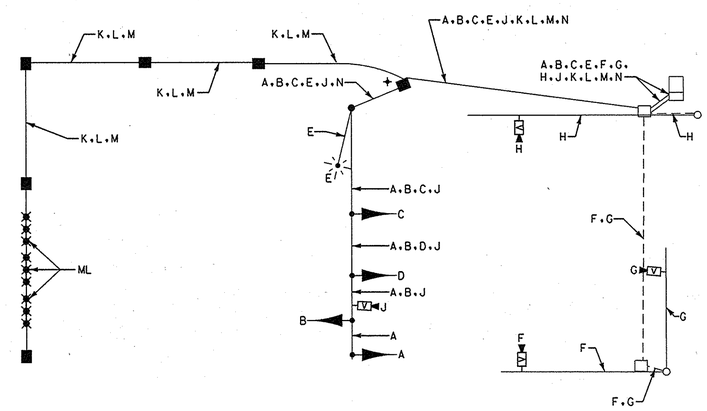
## MD 2-4 AND HALLOWING POINT RD. - ULTIMATE




WIRING KEY

- A B C D E — 7-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
- F G H J K — L M N O — 5-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
- P Q R S T U — 2-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
- V W — 2-CONDUCTOR ELECTRICAL CABLE (NO. 12 A.W.G.)
- X Y — VIDEO CAMERA DETECTION LEAD-IN CABLE
- Z AA BB CC DD EE — MICROLOOP PROBE LEAD-IN
- FF — STRANDED BARE COPPER GROUND WIRE (NO. 6 A.W.G.)
- LW - LOOP WIRE (NO. 14 A.W.G.)
- ML - MICROLOOP PROBE SET
- + - 3/4 IN. X 10 FT. GROUND ROD

## MD 2-4 AND OLD FIELD LANE




WIRING KEY

- A B C — 7-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
- D — 5-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
- E — 2-CONDUCTOR ELECTRICAL CABLE (NO. 12 A.W.G.)
- F G H J — VIDEO CAMERA DETECTION LEAD-IN CABLE
- K L M — MICROLOOP PROBE LEAD-IN
- N — STRANDED BARE COPPER GROUND WIRE (NO. 6 A.W.G.)
- LW - LOOP WIRE (NO. 14 A.W.G.)
- ML - MICROLOOP PROBE SET
- + - 3/4 IN. X 10 FT. GROUND ROD

TSP-6

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
*Office of Traffic & Safety*
TRAFFIC ENGINEERING DESIGN DIVISION
GENERAL INFORMATION SHEET
MD 2-4 (SOLOMONS ISLAND RD)
(PRINCE FREDERICK, MD)

WR&A
Whitman, Requardt and Associates, LLP
801 South Caroline Street
Baltimore, Maryland 21231
(410) 235-3450

| | | | | | |
|---|---|---|---|---|---|
| DRAWN BY: S. BLOSS | F.A.P. NO. | | TS NO. | SHEET NO. |
| CHECKED BY: N. LEARY | S.H.A. NO. | CA3135170 | | |
| SCALE: NONE | COUNTY: | CALVERT | T.I.M.S. NO. | OF |
| DATE: 11/28/2006 | LOG MILE: | | | |

m:\3149288\tsp06md2.plt