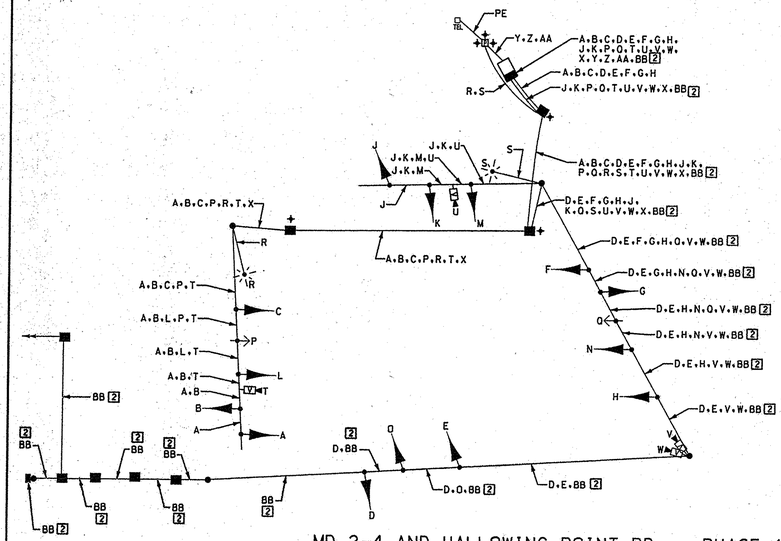
WIRING DIAGRAMS

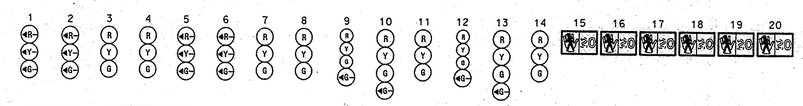


WIRING KEY

- A F B G C H D J E K } 7-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
- 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.)
- 2 BB } 12-PAIR COMMUNICATION CABLE (JELLY-FILLED)
- PE - PROPOSED UNDERGROUND ELECTRICAL SERVICE
- + - 3/4 IN. X 10 FT. GROUND ROD

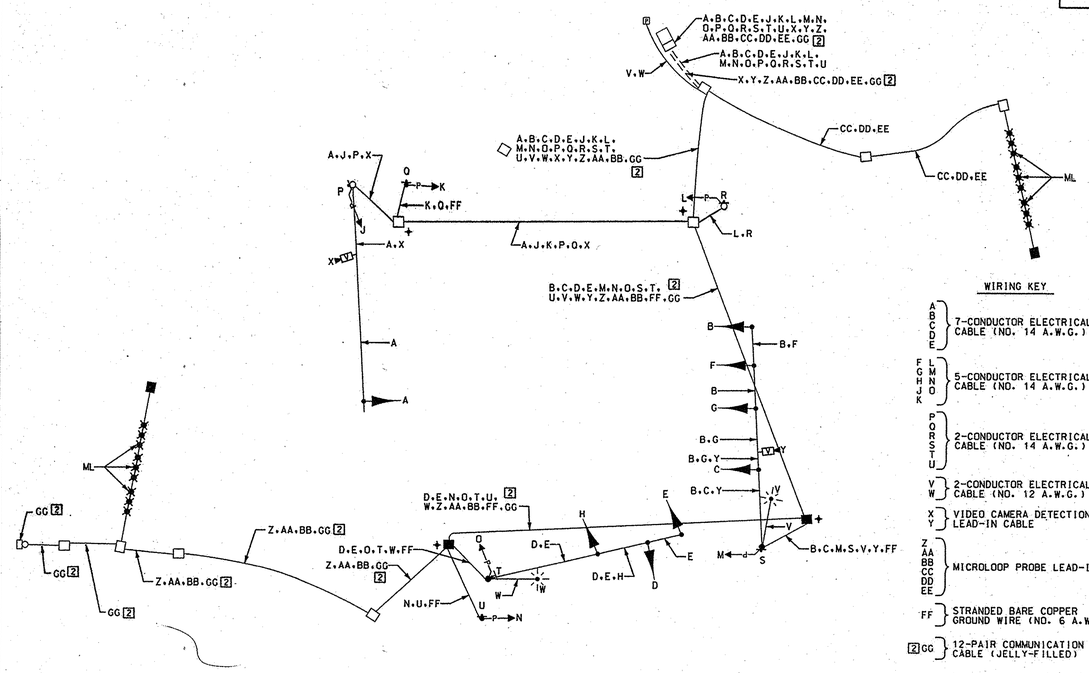
MD 2-4 AND HALLOWING POINT RD. - PHASE 1

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
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

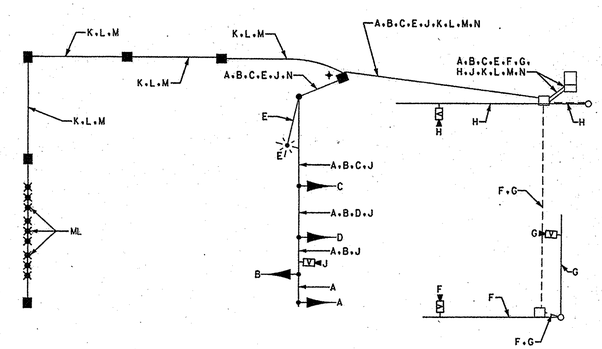
MD 2-4 AND HALLOWING POINT RD. - ULTIMATE



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.)
- 2 GG } 12-PAIR COMMUNICATION CABLE (JELLY-FILLED)
- 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

2 REDLINE REVISION NO. 2
MAY 16, 2008
REVISED SHEET

TSP-6

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

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)

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:	4:46:40 PM	LOG MILE:			

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