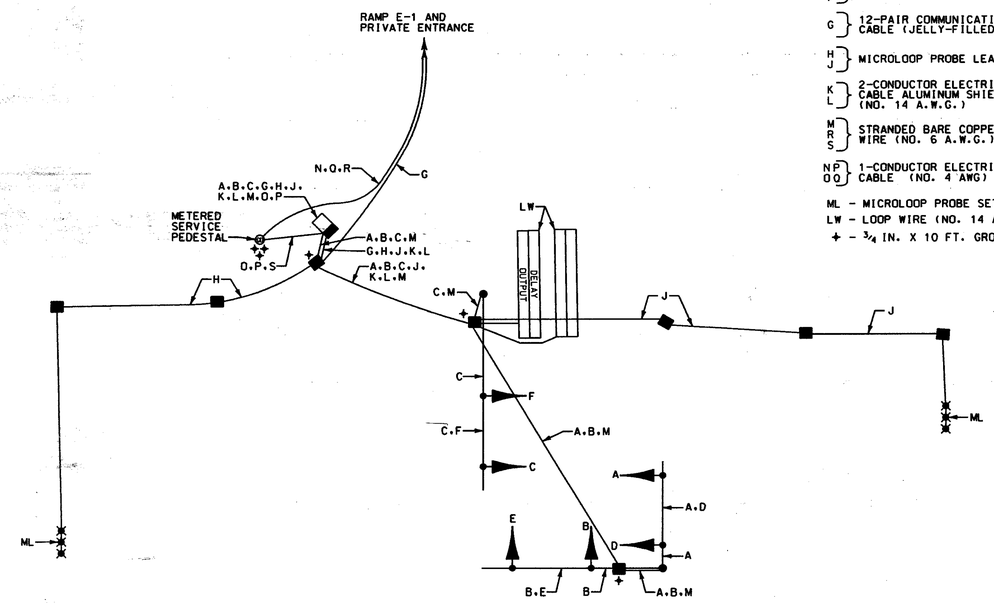
WIRING DIAGRAM

OXON HILL ROAD AND RAMP E-1



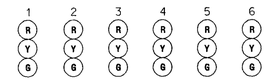
WIRING KEY

- A, B, C — 7-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
- D, E, F — 5-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
- G — 12-PAIR COMMUNICATION CABLE (JELLY-FILLED)
- H, J — MICROLOOP PROBE LEAD-IN
- K, L — 2-CONDUCTOR ELECTRICAL CABLE ALUMINUM SHIELDED (NO. 14 A.W.G.)
- M, R, S — STRANDED BARE COPPER GROUND WIRE (NO. 6 A.W.G.)
- N, P, O, Q — 1-CONDUCTOR ELECTRICAL CABLE (NO. 4 AWG)

ML - MICROLOOP PROBE SET
LW - LOOP WIRE (NO. 14 A.W.G.)
⏚ - 3/4 IN. X 10 FT. GROUND ROD

PHASE CHART

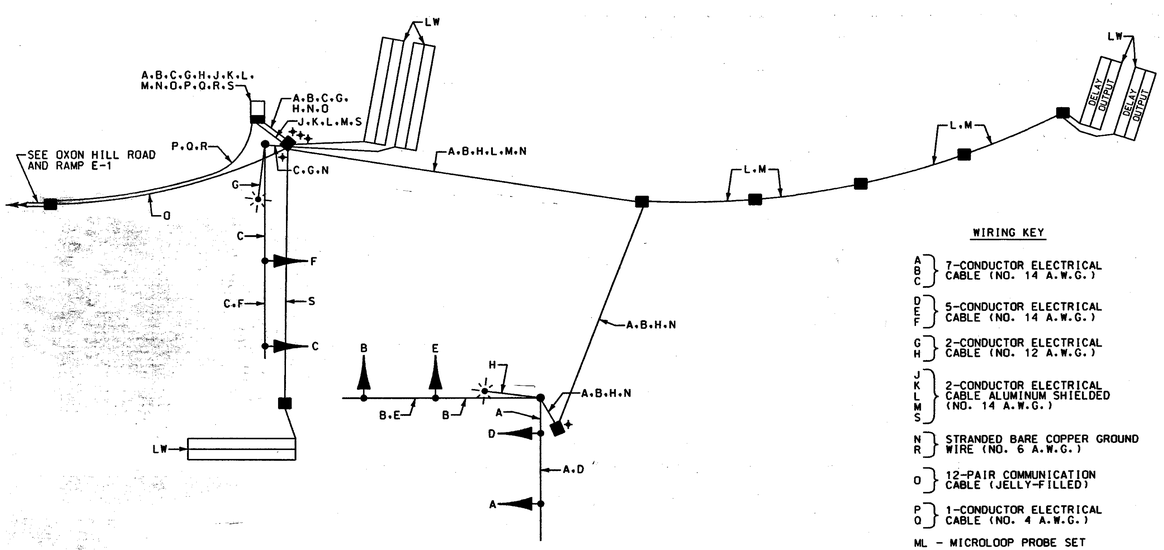
OXON HILL ROAD AND RAMP E-1



	1	2	3	4	5	6
PHASE 2 + 6	G	G	G	G	R	R
2 + 6 CHANGE	Y	Y	Y	Y	R	R
PHASE 4 + 8	R	R	R	R	G	G
4 + 8 CHANGE	R	R	R	R	Y	Y
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R

WIRING DIAGRAM

RAMP E-1 AND PRIVATE ENTRANCE



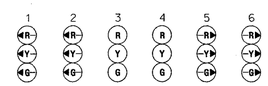
WIRING KEY

- A, B, C — 7-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
- D, E, F — 5-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
- G, H — 2-CONDUCTOR ELECTRICAL CABLE (NO. 12 A.W.G.)
- J, K, L, M, S — 2-CONDUCTOR ELECTRICAL CABLE ALUMINUM SHIELDED (NO. 14 A.W.G.)
- N, R — STRANDED BARE COPPER GROUND WIRE (NO. 6 A.W.G.)
- O — 12-PAIR COMMUNICATION CABLE (JELLY-FILLED)
- P, O — 1-CONDUCTOR ELECTRICAL CABLE (NO. 4 A.W.G.)

ML - MICROLOOP PROBE SET
LW - LOOP WIRE (NO. 14 A.W.G.)
⏚ - 3/4 IN. X 10 FT. GROUND ROD

PHASE CHART

RAMP E-1 AND PRIVATE ENTRANCE



	1	2	3	4	5	6
PHASE 2	R	R	G	G	R	R
2 CHANGE	R	R	Y	Y	R	R
PHASE 4 + 8	G	G	R	R	G	G
4 + 8 CHANGE	Y	Y	R	R	Y	Y
FLASHING OPERATION	FL/R	FL/R	FL/Y	FL/Y	FL/R	FL/R

TSP-3

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

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

GENERAL INFORMATION SHEET
RAMP E-1 INTERSECTIONS

DRAWN BY: S.BLOSS	F.A.P. NO.		TS NO. 4080-GI1	SHEET NO.
CHECKED BY: N.LEARY	S.H.A. NO.	PG3465178	T.I.M.S. NO.	3 OF
SCALE: NONE	COUNTY:	PRINCE GEORGES		
DATE: 3/20/01	LOG MILE:			

m:\31108\contract_efr\sd03efr.dgn

K:\SD\01 S 10\65\ 4:48:23 PM 3/20/2001 C:\PROJECT\01080\NEW\SD03EFR.PRT