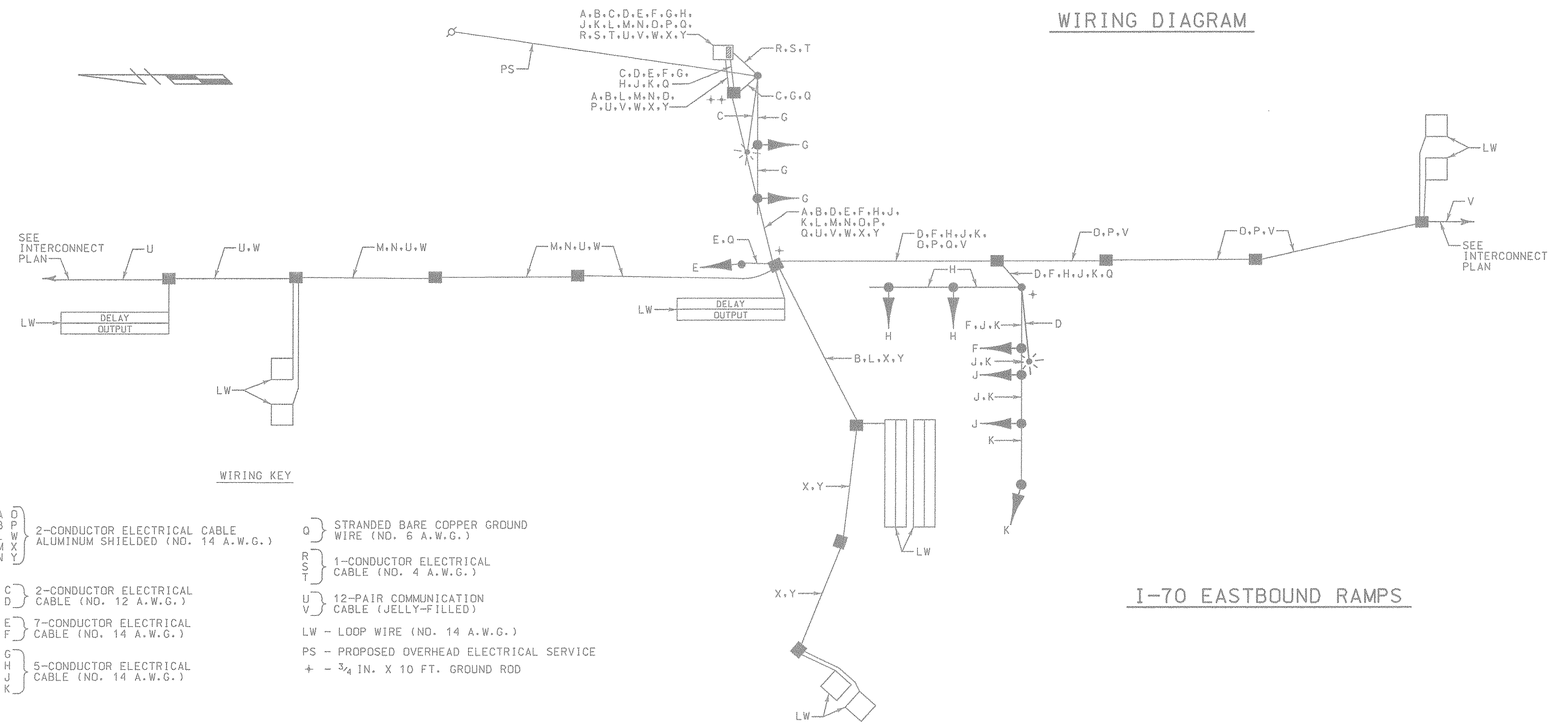
WIRING DIAGRAM



WIRING KEY

A B L M N D P W X Y — 2-CONDUCTOR ELECTRICAL CABLE ALUMINUM SHIELDED (NO. 14 A.W.G.)	Q — STRANDED BARE COPPER GROUND WIRE (NO. 6 A.W.G.)
R S T — 1-CONDUCTOR ELECTRICAL CABLE (NO. 4 A.W.G.)	
C D — 2-CONDUCTOR ELECTRICAL CABLE (NO. 12 A.W.G.)	U V — 12-PAIR COMMUNICATION CABLE (JELLY-FILLED)
E F — 7-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)	LW - LOOP WIRE (NO. 14 A.W.G.)
G H J K — 5-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)	PS - PROPOSED OVERHEAD ELECTRICAL SERVICE
	+ - 3/4 IN. X 10 FT. GROUND ROD

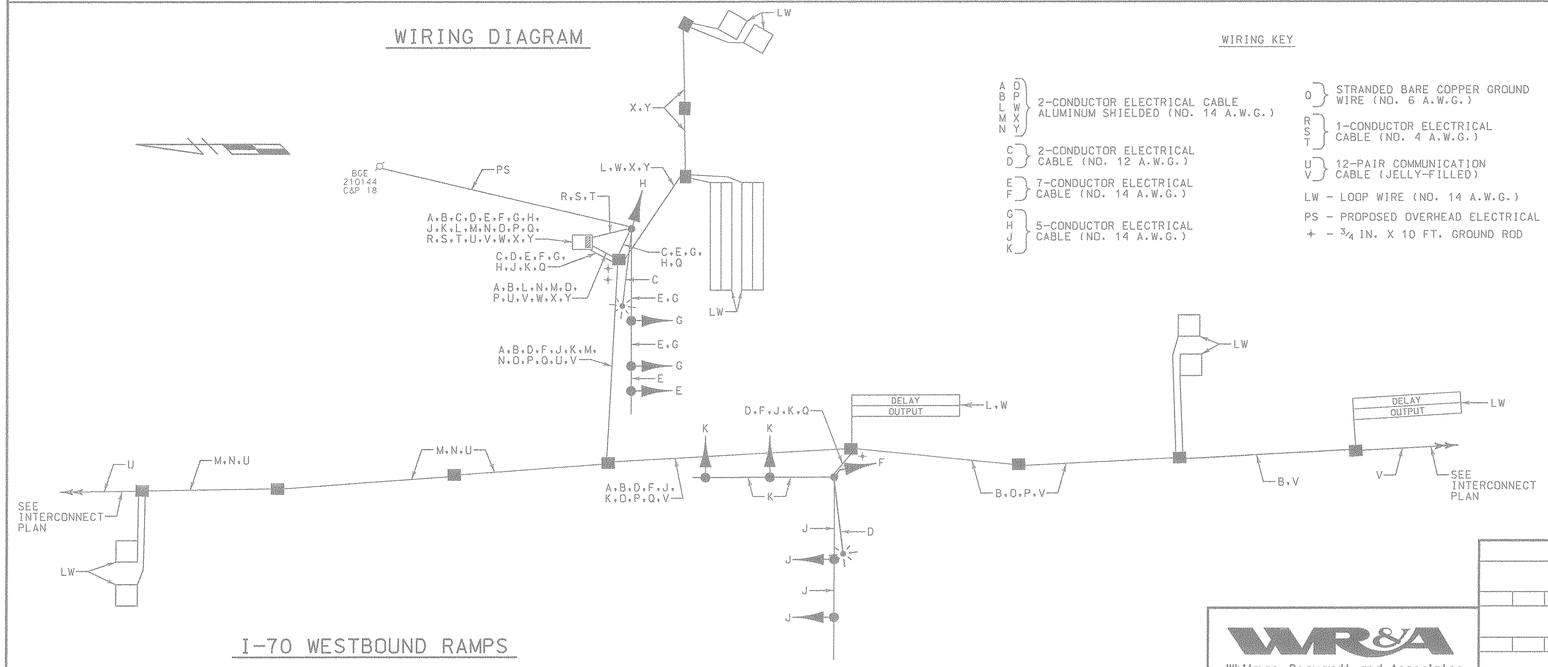
I-70 EASTBOUND RAMPS

PHASE CHART

	1	2	3	4	5	6	7	8	9
PHASE 2 + 5	R	R	G	G	G	G	R	R	R
2 + 5 CHANGE	R	R	Y	Y	G	G	R	R	R
PHASE 2 + 6	G	G	FL/R	FL/R	G	G	R	R	R
2 + 6 CHANGE	Y	Y	R	R	Y	Y	R	R	R
PHASE 4	R	R	R	R	R	R	G	G	G
4 CHANGE	R	R	R	R	R	R	Y	Y	Y
FLASHING OPERATION	FL/Y	FL/Y	FL/R	FL/R	FL/Y	FL/Y	FL/R	FL/R	FL/R

I-70 EASTBOUND RAMPS

WIRING DIAGRAM



WIRING KEY

A B L M N D P W X Y — 2-CONDUCTOR ELECTRICAL CABLE ALUMINUM SHIELDED (NO. 14 A.W.G.)	Q — STRANDED BARE COPPER GROUND WIRE (NO. 6 A.W.G.)
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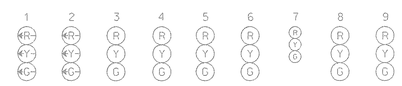
E F — 7-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)	LW - LOOP WIRE (NO. 14 A.W.G.)
G H J K — 5-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)	PS - PROPOSED OVERHEAD ELECTRICAL SERVICE
	+ - 3/4 IN. X 10 FT. GROUND ROD

I-70 WESTBOUND RAMPS

PHASE CHART



	1	2	3	4	5	6	7	8	9
PHASE 1 + 6	G	G	G	G	R	R	R	R	R
1 + 6 CHANGE	Y	Y	G	G	R	R	R	R	R
PHASE 2 + 6	FL/R	FL/R	G	G	G	G	R	R	R
2 + 6 CHANGE	R	R	Y	Y	Y	Y	R	R	R
PHASE 4	R	R	R	R	R	R	G	G	G
4 CHANGE	R	R	R	R	R	R	Y	Y	Y
FLASHING OPERATION	FL/R	FL/R	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R

I-70 WESTBOUND RAMPS

REVISIONS	APPROVALS
	ASST. TRAFFIC ENGINEERING DESIGN DIVISION
	ASST. DISTRICT ENGINEER, TRAFFIC
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR, TRAFFIC & SAFETY

WR&A
Whitman, Requardt and Associates
Engineers and Planners
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
MD 32 AND I-70 RAMPS

DRAWN BY: S.BLOSS	F.A.P. NO.		TS NO. TS-3824	SHEET NO.
CHECKED BY: N.LEARY	S.H.A. NO. AW280A5F/B5F			
SCALE: NONE	COUNTY: HOWARD		T.I.M.S. NO.	5 OF 7
DATE: 1-11-99	LOG MILE: 13003219.54			

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