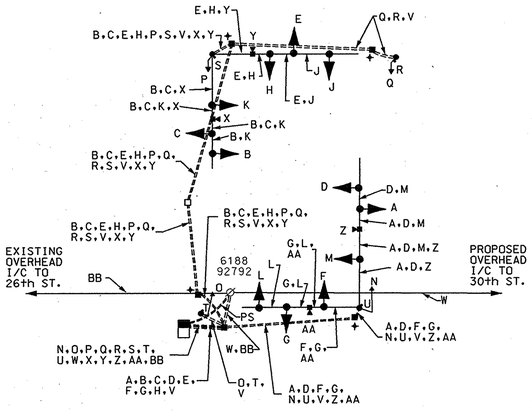
PHASE CHART

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
PHASE 1 & 5	◄G→/R	◄G→/R	R	◄G→/R	◄G→/R	R	R	R	R	R	R	R	DW	DW	DW	DW
CHANGES TO PHASES 1 & 6, 2 & 5 OR 2 & 6																
PHASE 1 & 6	◄G→/G	◄G→/G	G	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW
1 & 6 CHANGE	◄Y→/G	◄Y→/G	G	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW
PHASE 2 & 5	R	R	R	◄G→/G	◄G→/G	G	R	R	R	R	R	R	DW	DW	DW	DW
2 & 5 CHANGE	R	R	R	◄Y→/G	◄Y→/G	G	R	R	R	R	R	R	DW	DW	DW	DW
PHASE 2 & 6	G	G	G	G	G	G	R	R	R	R	R	R	DW	DW	DW	DW
2 & 6 CHANGE	Y	Y	Y	Y	Y	Y	R	R	R	R	R	R	DW	DW	DW	DW
PHASE 4 & 8	R	R	R	R	R	R	G	G	G	G	G	G	DW	DW	DW	DW
4 & 8 CHANGE	R	R	R	R	R	R	Y	Y	Y	Y	Y	Y	DW	DW	DW	DW
PHASE 4 & 8 ALT	R	R	R	R	R	R	G	G	G	G	G	G	WK	WK	WK	WK
PED CLEARANCE	R	R	R	R	R	R	G	G	G	G	G	G	FL/DW	FL/DW	FL/DW	FL/DW
4 & 8 ALT CHANGE	R	R	R	R	R	R	Y	Y	Y	Y	Y	Y	DW	DW	DW	DW
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	DARK	DARK	DARK	DARK

MD 528 AT 28th ST./ ROBIN DR.

WIRING DIAGRAM



WIRING KEY

A, B, C, D, E, F, G, H } 7-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G)

J, K, L, M } 5-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G)

N, O, P, Q } 3-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G)

R, S, T, U } 2-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G)

V - STRANDED BARE COPPER GROUND WIRE (NO. 6 A.W.G.)

W - 12 PAIR VOICE GRADE INTERCONNECT CABLE; SELF-SUPPORTING

X - PRE-MANUFACTURED CAMERA TO CONTROLLER (500' LENGTH) CABLE

Y, Z, AA } PRE-MANUFACTURED CAMERA TO CONTROLLER (250' LENGTH) CABLE

BB - 12 PAIR VOICE GRADE INTERCONNECT CABLE; SELF-SUPPORTING (SEE CONSTRUCTION DETAIL "M" ON SIGNAL PLAN)

PS - PROPOSED UNDERGROUND SERVICE TO BE INSTALLED BY CONECTIV

+ - GROUND ROD

PHASE CHART

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
PHASE 1 & 5	◄G→/R	◄G→/R	R	◄G→/R	◄G→/R	R	R	R	R	R	R	R	DW	DW	DW	DW
CHANGES TO PHASES 1 & 6, 2 & 5 OR 2 & 6																
PHASE 1 & 6	◄G→/G	◄G→/G	G	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW
1 & 6 CHANGE	◄Y→/G	◄Y→/G	G	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW
PHASE 2 & 5	R	R	R	◄G→/G	◄G→/G	G	R	R	R	R	R	R	DW	DW	DW	DW
2 & 5 CHANGE	R	R	R	◄Y→/G	◄Y→/G	G	R	R	R	R	R	R	DW	DW	DW	DW
PHASE 2 & 6	G	G	G	G	G	G	R	R	R	R	R	R	DW	DW	DW	DW
2 & 6 CHANGE	Y	Y	Y	Y	Y	Y	R	R	R	R	R	R	DW	DW	DW	DW
PHASE 4 & 8	R	R	R	R	R	R	G	G	G	G	G	G	DW	DW	DW	DW
4 & 8 CHANGE	R	R	R	R	R	R	Y	Y	Y	Y	Y	Y	DW	DW	DW	DW
PHASE 4 & 8 ALT	R	R	R	R	R	R	G	G	G	G	G	G	WK	WK	WK	WK
PED CLEARANCE	R	R	R	R	R	R	G	G	G	G	G	G	FL/DW	FL/DW	FL/DW	FL/DW
4 & 8 ALT CHANGE	R	R	R	R	R	R	Y	Y	Y	Y	Y	Y	DW	DW	DW	DW
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	DARK	DARK	DARK	DARK

MD 528 AT 59th STREET

WIRING KEY

A, B } PREMANUFACTURED CAMERA TO CONTROLLER (250'LENGTH) CABLE

C, D } PREMANUFACTURED CAMERA TO CONTROLLER (500'LENGTH) CABLE

E, F, G, H } 2-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)

J, K, L, M } 3-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)

N, O, P, Q } 5-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)

R, S, T, U, V, W, X, Y } 7-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)

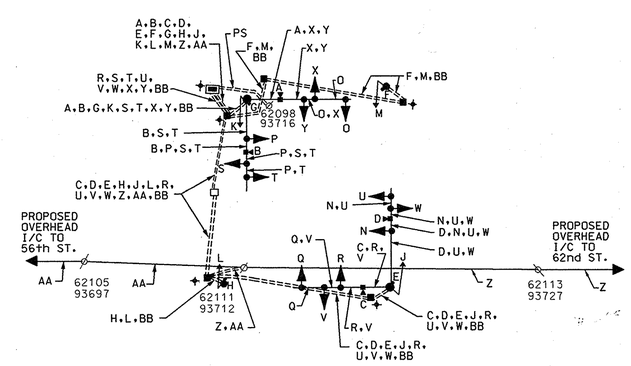
Z, AA } 12-PAIR, VOICE GRADE INTERCONNECT CABLE (NO 19AWG) (SELF-SUPPORTING)

BB - STRANDED BARE COPPER GROUND WIRE (No. 6 AWG)

PS - PROPOSED OVERHEAD SERVICE TO BE INSTALLED BY CONECTIV

+ - GROUND ROD

WIRING DIAGRAM



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MARYLAND DOT - STATE HIGHWAY ADMINISTRATION

Office of Traffic & Safety

TRAFFIC ENGINEERING DESIGN DIVISION

MD 528 AND 28th ST./ ROBIN DR.

MD 528 AND 59th STREET

GENERAL INFORMATION SHEET 2

DRAWN BY: EMM	F.A.P. NO.		TS NO. G1-2	SHEET NO. 4 OF 4
CHECKED BY: RRZ	S.H.A. NO.	XX 1065185		
SCALE: NONE	COUNTY:	WORCESTER	T.I.M.S. NO. E510	
DATE: 10-15-01	LOG MILE:			

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