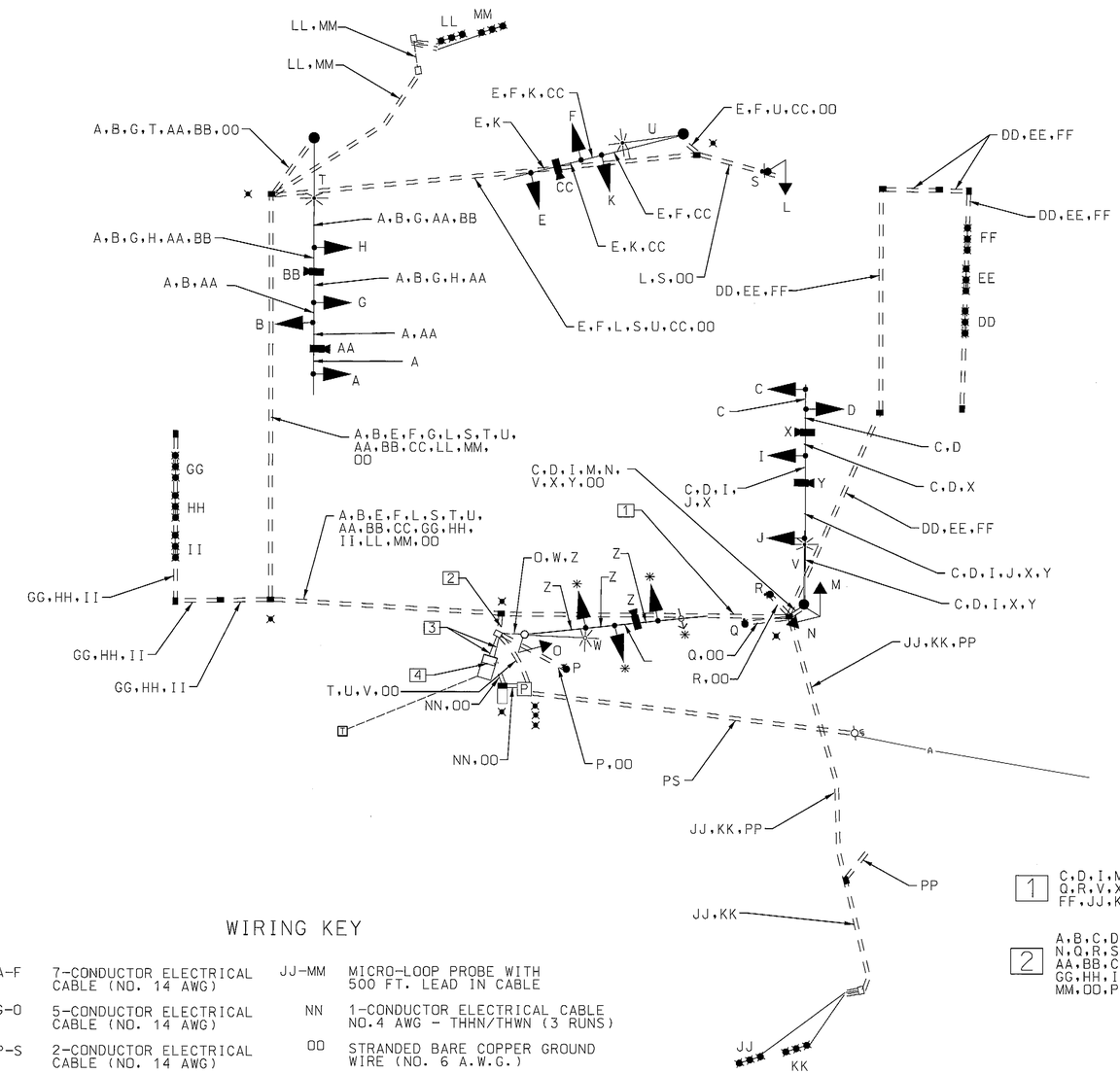
WIRING DIAGRAM



WIRING KEY

A-F	7-CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG)	JJ-MM	MICRO-LOOP PROBE WITH 500 FT. LEAD IN CABLE
G-O	5-CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG)	NN	1-CONDUCTOR ELECTRICAL CABLE NO.4 AWG - THHN/THWN (3 RUNS)
P-S	2-CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG)	OO	STRANDED BARE COPPER GROUND WIRE (NO. 6 A.W.G.)
T-W	2-CONDUCTOR ELECTRICAL CABLE (NO. 12 AWG) TC	PP	12-PAIR COMMUNICATION CABLE (SEE INTERCONNECT PLAN FOR DETAIL)
X-Z	250 FT. VIDEO DETECTION CAMERA CONTROL CABLE	PS	UNDERGROUND POWER SERVICE TO BE INSTALLED BY BGE
AA-CC	500 FT. VIDEO DETECTION CAMERA CONTROL CABLE	✱	GROUND ROD
DD-FF	NON-INVASIVE MICRO-LOOP PROBE 1000' LEAD IN CABLE	✳	EXISTING CABLE TO BE USED
GG-II	NON-INVASIVE MICRO-LOOP PROBE 500' LEAD IN CABLE		

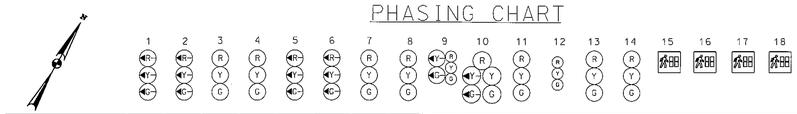
1 C,D,I,M,N, Q,R,V,X,Y,DD,EE, FF,JJ,KK,OO,PP

2 A,B,C,D,E,F,I,L,M, N,Q,R,S,T,U,V,X,Y, AA,BB,CC,DD,EE,FF, GG,HH,II,JJ,KK,LL, MM,OO,PP

3 A,B,C,D,E,F,I,L,M, N,O,P,Q,R,S,X,Y,Z, AA,BB,CC,DD,EE,FF, GG,HH,II,JJ,KK,LL, MM,OO,PP

4 A,B,C,D,E,F,I,L,M, N,O,P,Q,R,S,X,Y,Z, AA,BB,CC,DD,EE,FF, GG,HH,II,JJ,KK,LL, MM,OO,PP

PHASING CHART



	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
PHASE 1 & 5	◄G—	◄G—	R	R	◄G—	◄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	◄R—	◄R—	R	R	R	R	R	R	R	R	DW	DW	DW	DW
1 CHANGE	◄Y—	◄Y—	G	G	◄R—	◄R—	R	R	R	R	R	R	R	R	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
5 CHANGE	◄R—	◄R—	R	R	◄Y—	◄Y—	G	G	R	R	R	R	R	R	DW	DW	DW	DW
PHASE 2 & 6	◄R—	◄R—	G	G	◄R—	◄R—	G	G	R	R	R	R	R	R	WK	WK	DW	DW
PED CLEARANCE	◄R—	◄R—	G	G	◄R—	◄R—	G	G	R	R	R	R	R	R	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
PHASE 4 & 7	◄R—	◄R—	R	R	◄R—	◄R—	R	R	◄G—/G	◄G—/G	G	R	R	R	DW	DW	DW	DW
7 CHANGE	◄R—	◄R—	R	R	◄R—	◄R—	R	R	◄Y—/G	◄Y—/G	G	R	R	R	DW	DW	DW	DW
PHASE 4 & 8	◄R—	◄R—	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—	R	R	Y	Y	Y	Y	Y	Y	DW	DW	DW	DW
PHASE 8 ALT	◄R—	◄R—	R	R	◄R—	◄R—	R	R	G	G	G	G	G	G	DW	DW	WK	WK
PED CLEARANCE	◄R—	◄R—	R	R	◄R—	◄R—	R	R	G	G	G	G	G	G	DW	DW	FL/DW	FL/DW
8 ALT. CHANGE	◄R—	◄R—	R	R	◄R—	◄R—	R	R	Y	Y	Y	Y	Y	Y	DW	DW	DW	DW
PRE EMPT 1	◄R—	◄R—	R	R	◄R—	◄R—	R	R	R	R	R	G	G	G	DW	DW	DW	DW
PRE EMPT 1 CHANGE	◄R—	◄R—	R	R	◄R—	◄R—	R	R	R	R	R	Y	Y	Y	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

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STATE HIGHWAY ADMINISTRATION

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GENERAL INFORMATION SHEET 2

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