DRILL HOLES

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PROJECT DESCRIPTION

Installation of Video Detection

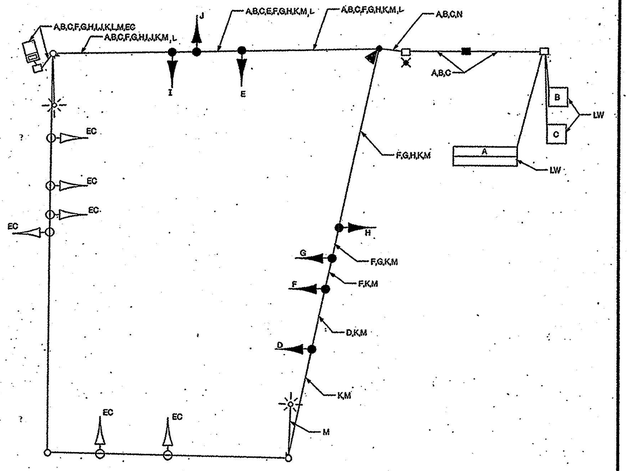
INTERSECTION OPERATION

THE INTERSECTION CURRENTLY OPERATES IN A NEMA SIX-PHASE, FULLY-ACTUATED MODE WITH A EXCLUSIVE LEFT TURN PHASES FOR US 40.
THIS OPERATION WILL NOT CHANGE.

CONTROLLER REQUIREMENTS

THE EXISTING EIGHT-PHASE, FULLY-ACTUATED CONTROLLER HOUSED IN A NEMA "6" BASE MOUNTED CABINET WILL BE USED.

WIRING DIAGRAM



WIRING KEY

A-C	2-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.) ALUMINUM SHIELDED
D-E	5-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
F-J	7-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
L	VIDEO DETECTION CABLE
M	2-CONDUCTOR ELECTRICAL CABLE (NO. 12 A.W.G.) TRAY CABLE
N	STRANDED BARE COPPER GROUND WIRE (NO. 6 A.W.G.)
ELW	EXISTING LOOP WIRE (NO. 14 A.W.G.)
	GROUND ROD
EC	EXISTING CABLE

CONTACT PERSONS FOR DISTRICT 4 ARE AS FOLLOWS:

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PHASING CHART

	1	2	3	4	5	6	7	8	9	10	11	12	13
	(R)(Y)(G)	(R)(Y)(G)	(R)(Y)(G)	(R)(Y)(G)	(R)(Y)(G)	(R)(Y)(G)	(R)(Y)(G)	(R)(Y)(G)	(R)(Y)(G)	(R)(Y)(G)	(O)(O)	(R)(Y)(G)	(R)(Y)(G)
PHASE 1 & 5	←G→	←G→	R	R	←G→	←G→	R	R	R	R	R	R	R
1 & 5 CHANGE	PHASE 1 & 5 MAY CHANGE TO PHASE 1 & 6,2 & 5, OR 2 & 6												
PHASE 1 & 6	←G→	←G→	G	G	R	R	R	R	R	R	R	R	R
1 & 6 CHANGE	←Y→	←Y→	G	G	R	R	R	R	R	R	R	R	R
PHASE 2 & 5	R	R	R	R	←G→	←G→	G	G	R	R	R	R	R
2 & 5 CHANGE	R	R	R	R	←Y→	←Y→	G	G	R	R	R	R	R
PHASE 2 & 6	R	R	G	G	R	R	G	G	R	R	R	R	R
2 & 6 CHANGE	R	R	Y	Y	R	R	Y	Y	R	R	R	R	R
PHASE 4 & 8	R	R	R	R	R	R	R	R	G	G	G	G	R
4 & 8 CHANGE	R	R	R	R	R	R	R	R	Y	Y	Y	Y	R
FLASHING OPERATION	FLR	FLR	FLY	FLY	FLR	FLR	FLY	FLY	FLR	FLR	FLR	FLR	FLR

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STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

GENERAL INFORMATION PLAN
US 40 AND
WAL-MART /HAPPY HARRY'S ENTRANCE

SCALE NONE DATE 6-25-06 CONTRACT NO. BW996M82

DESIGNED BY T. ZAYDEL
DRAWN BY T. ZAYDEL
CHECKED BY K. SCHMID
F.A.P. NO. N/A

COUNTY HARFORD
LOGMILE 12040011.84
T.I.M.S. NO. T-389
TOD NO.

DRAWING NO. TS-3239GI-C

SHEET NO. 2 OF 2