DRILL HOLES

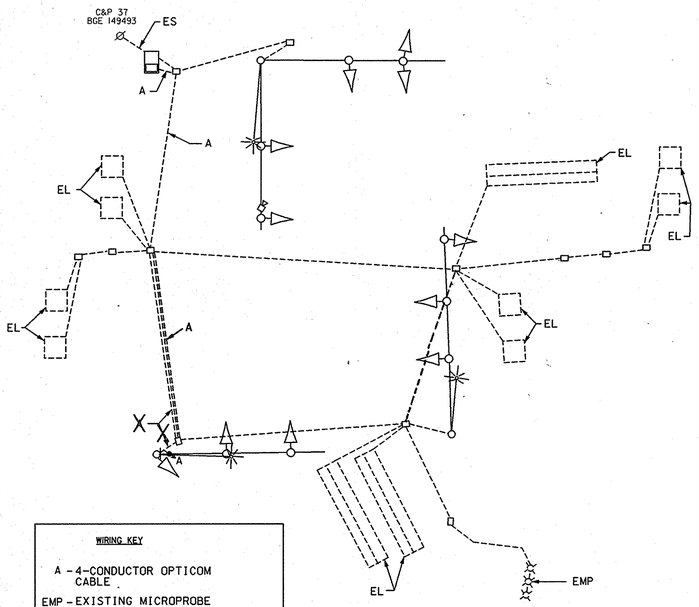
BORDER REV. DATE: June 1, 2004

PHASE CHART

	1	2	3	4	5	6	7	8	9	10	11
PHASE 2 & 5	R	R	◄G-/G	◄G-/G	G	R	R	R	R	R	R
2 & 5 CHANGE	R	R	◄Y-/G	◄Y-/G	G	R	R	R	R	R	R
PHASE 2 & 6	G	G	G	G	G	R	R	R	R	R	R
2 & 6 CHANGE	Y	Y	Y	Y	Y	R	R	R	R	R	R
PHASE 4 & 8	R	R	R	R	R	G	G	G	G	G	G
4 & 8 CHANGE	R	R	R	R	R	Y	Y	Y	Y	Y	Y
PRE EMPT 1	R	R	R	R	R	G	G	G	R	R	R
PRE EMPT 1 CHANGE	R	R	R	R	R	Y	Y	Y	R	R	R
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R

WIRING DIAGRAM

US 40 AND REVOLUTION ST



WIRING KEY

A - 4-CONDUCTOR OPTICOM CABLE

EMP - EXISTING MICROPROBE

EL - LOOP WIRE (NO. 14 A.W.G.) EXISTING

ES - EXISTING UNDERGROUND SERVICE TO BE MAINTAINED BY BGE

1 GREENLINE REVISION 11/25/08
TEDD APPROVAL 12-2-08

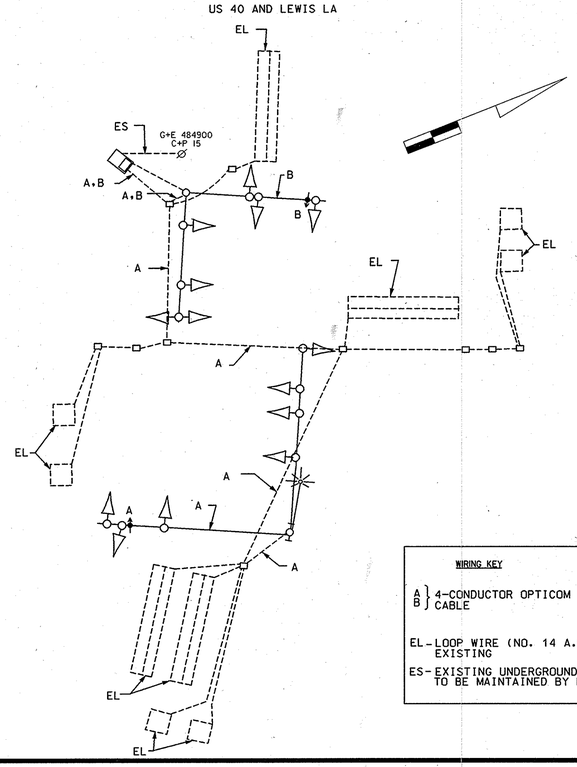
DRILL HOLES

PHASE CHART

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
PHASE 1 & 5	◄G-	◄G-	R	R	◄G-	◄G-	R	R	R	R	R	R	R	R
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
1 & 6 CHANGE	◄Y-	◄Y-	G	G	◄R-	◄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	R
2 & 5 CHANGE	◄R-	◄R-	R	R	◄Y-	◄Y-	G	G	R	R	R	R	R	R
PHASE 2 & 6	◄R-	◄R-	G	G	◄R-	◄R-	G	G	R	R	R	R	R	R
2 & 6 CHANGE	◄R-	◄R-	Y	Y	◄R-	◄R-	Y	Y	R	R	R	R	R	R
PHASE 4 & 8	◄R-	◄R-	R	R	◄R-	◄R-	R	R	G	G	G	G	G	G
4 & 8 CHANGE	◄R-	◄R-	R	R	◄R-	◄R-	R	R	Y	Y	Y	Y	Y	Y
PRE EMPT 1	◄R-	◄R-	R	R	◄R-	◄R-	R	R	R	R	R	G	G	G
PRE EMPT 1 CHANGE	◄R-	◄R-	R	R	◄R-	◄R-	R	R	R	R	R	Y	Y	Y
PRE EMPT 2	◄R-	◄R-	R	R	◄R-	◄R-	R	R	G	G	G	R	R	R
PRE EMPT 2 CHANGE	◄R-	◄R-	R	R	◄R-	◄R-	R	R	Y	Y	Y	R	R	R
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

WIRING DIAGRAM

US 40 AND LEWIS LA



WIRING KEY

A, B } 4-CONDUCTOR OPTICOM CABLE

EL - LOOP WIRE (NO. 14 A.W.G.) EXISTING

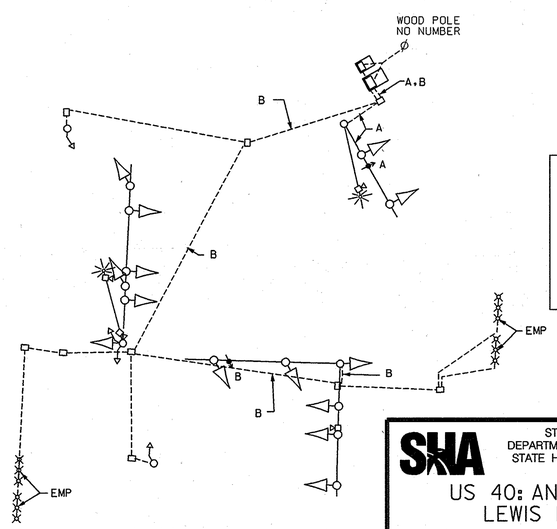
ES - EXISTING UNDERGROUND SERVICE TO BE MAINTAINED BY BGE

PHASE 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 & 6 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
2 & 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	DW	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 3 & 7	◄R-	◄R-	R	R	◄R-	◄R-	R	R	G	G	G	G	R	R	DW	DW	DW	DW
3 & 7 CHANGE	◄R-	◄R-	R	R	◄R-	◄R-	R	R	Y	Y	Y	Y	R	R	DW	DW	DW	DW
PHASE 4	◄R-	◄R-	R	R	◄R-	◄R-	R	R	R	R	R	R	G	G	DW	DW	DW	DW
4 CHANGE	◄R-	◄R-	R	R	◄R-	◄R-	R	R	R	R	R	R	Y	Y	DW	DW	DW	DW
PHASE 3 & 7 ALT	◄R-	◄R-	R	R	◄R-	◄R-	R	R	G	G	G	G	R	R	WK	WK	WK	WK
PED CLEAR	◄R-	◄R-	R	R	◄R-	◄R-	R	R	G	G	G	G	R	R	FL/DW	FL/DW	FL/DW	FL/DW
3 & 7 ALT CHANGE	◄R-	◄R-	R	R	◄R-	◄R-	R	R	Y	Y	Y	Y	R	R	DW	DW	DW	DW
PRE EMPT 1	◄R-	◄R-	R	R	◄R-	◄R-	R	R	R	R	R	R	G	G	DW	DW	DW	DW
PRE EMPT 1 CHANGE	◄R-	◄R-	R	R	◄R-	◄R-	R	R	R	R	R	R	Y	Y	DW	DW	DW	DW
PRE EMPT 2	◄R-	◄R-	R	R	◄R-	◄R-	R	R	G	G	R	R	R	R	DW	DW	DW	DW
PRE EMPT 2 CHANGE	◄R-	◄R-	R	R	◄R-	◄R-	R	R	Y	Y	R	R	R	R	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

WIRING DIAGRAM

US 40 AND OTSEGO ST / OHIO ST



WIRING KEY

A, B } 4-CONDUCTOR OPTICOM CABLE

EMP - EXISTING MICRILOOP

ES - EXISTING UNDERGROUND SERVICE TO BE MAINTAINED BY BGE

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

US 40: AND REVOLUTION ST / LEWIS LA / OTSEGO ST

HARVE DE GRACE, MARYLAND

GENERAL INFORMATION SHEET

SCALE NONE DATE 7/9/08 CONTRACT NO. XX4485185

DESIGNED BY J.W.A. COUNTY HARFORD
DRAWN BY R.C. LOGMILE
CHECKED BY
F.A.P. NO. TIMS NO. I841
TOD NO.

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