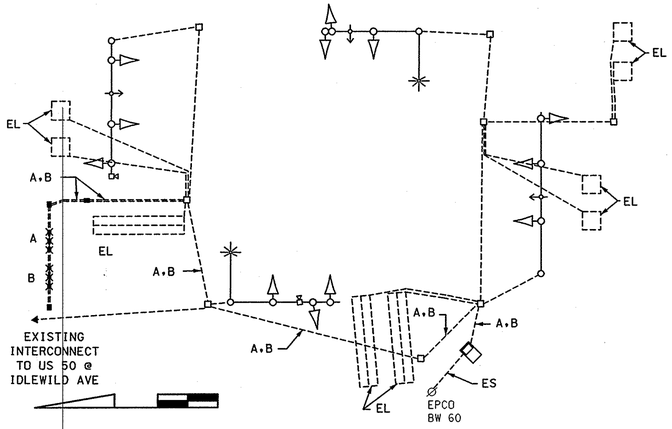
DRILL HOLES

BORDER REV: DATE: June 1, 2004

US 50 AND DUTCHMANS LANE

WIRING DIAGRAM



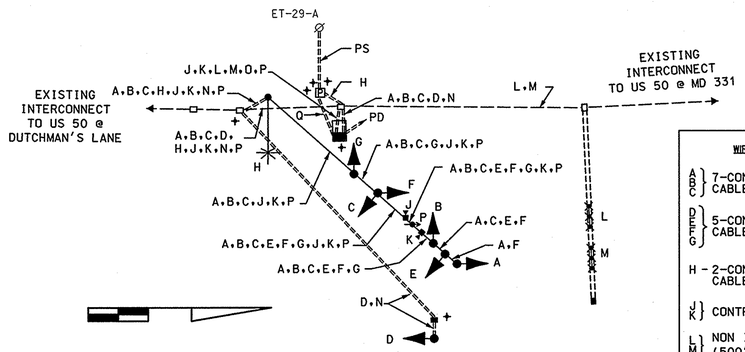
WIRING KEY

A, B } NON INVASIVE DETECTOR (1000' LEAD IN CABLE)

EL - EXISTING LOOP WIRE

ES - EXISTING UNDERGROUND SERVICE TO BE MAINTAINED

US 50 AND IDLEWILD AVENUE



WIRING KEY

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

D, E, F, G } 5-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G)

H - 2-CONDUCTOR TRAY CABLE (NO. 12 A.W.G)

J, K } CONTROL CABLE (250')

L, M } NON INVASIVE DETECTOR (500' LEAD IN CABLE)

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

O - EXISTING INTERCONNECT CABLE

P - 4-CONDUCTOR OPTICOM CABLE (NO. 14 A.W.G)

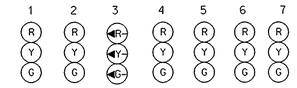
Q - 3-1 CONDUCTOR ELECTRICAL CABLE (NO. 4 A.W.G.)

PS - PROPOSED UNDERGROUND SERVICE BY EASTON ELECTRICAL CO-OP

PD - PROPOSED PHONE DROP

+ - GROUND ROD

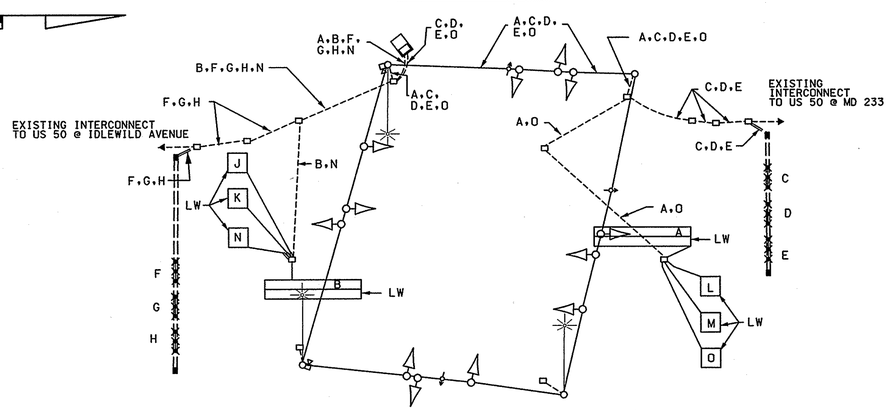
PHASE CHART



	1	2	3	4	5	6	7
PHASE 1	G	G	◄G-	R	R	R	R
1 CHANGE	Y	Y	◄Y-	R	R	R	R
PHASE 2	R	R	◄R-	G	G	R	R
2 CHANGE	R	R	◄R-	Y	Y	R	R
PHASE 4	R	R	◄R-	R	R	G	G
4 CHANGE	R	R	◄R-	R	R	Y	Y
FLASHING OPERATION	FL/Y	FL/Y	FL/◄R-	FL/Y	FL/Y	FL/R	FL/R

US 50 AND MD 331 (DOVER ROAD)

WIRING DIAGRAM



WIRING KEY

A, B, N, O } 2-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G) ALUMINUM SHIELDED

C, D, E } NON INVASIVE DETECTOR (1000' LEAD IN CABLE)

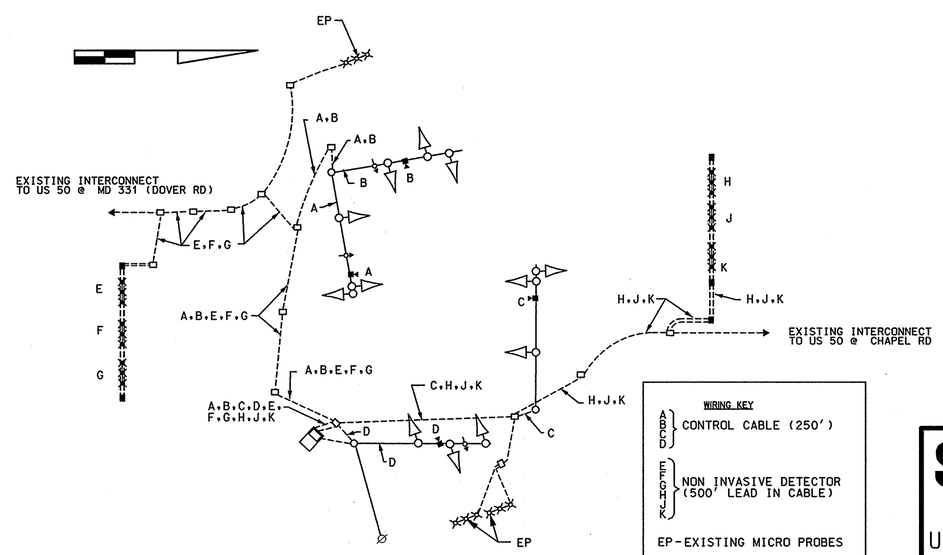
F, G, H } NON INVASIVE DETECTOR (500' LEAD IN CABLE)

J, K, L, M } EXISTING 2-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G) ALUMINUM SHIELDED SPLICED TO NEW LOOP WIRE

LW - LOOP WIRE (NO. 14 A.W.G.)

US 50 AND MD 328

WIRING DIAGRAM



WIRING KEY

A, B, C, D } CONTROL CABLE (250')

E, F, G, H, J, K } NON INVASIVE DETECTOR (500' LEAD IN CABLE)

EP - EXISTING MICRO PROBES

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

US 50 AND IDLEWILD AVE
US 50 AND MD 331 (DOVER RD)
US 50 AND MD 328 (MATTHEWSTOWN RD)

EASTON, MARYLAND

STREET TRAFFIC STUDIES, LTD.
400 Crain Hwy. N.W.
Glen Burnie, MD 21061
Ph (410) 590-5500
Fax (410) 590-6637

4702gl.dgn D6-5

SCALE NONE	DATE 11-16-05	CONTRACT NO. TA4265187	
DESIGNED BY JAMES ALLEN JR		COUNTY TALBOT	
DRAWN BY R. C.		LOGMILE 20005012.09	
CHECKED BY		TIMS NO. G570	
F.A.P. NO.		TOD NO.	
TS NO.	DRAWING NO. OF	SHEET NO. 43 OF 55	

PLOTTED: $DATETIME$
FILE: $FILE$