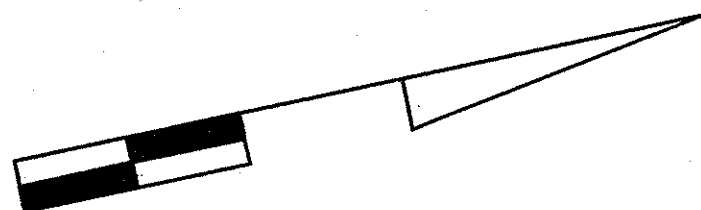


DRILL HOLES

DRILL HOLES

DRILL HOLES

BORDER REV. DATE: June 1, 2004



MD 45 (YORK AVE) IS CONSIDERED TO RUN IN A NORTH - SOUTH DIRECTION.

CONSTRUCTION DETAILS

- Install opticom detector eye onto existing span wire as shown.
- Use existing span wire.
- Use existing strain pole.
- Install opticom Discriminator module into existing pole mounted cabinet.

EQUIPMENT LIST

A. EQUIPMENT TO BE SUPPLIED BY S.H.A.

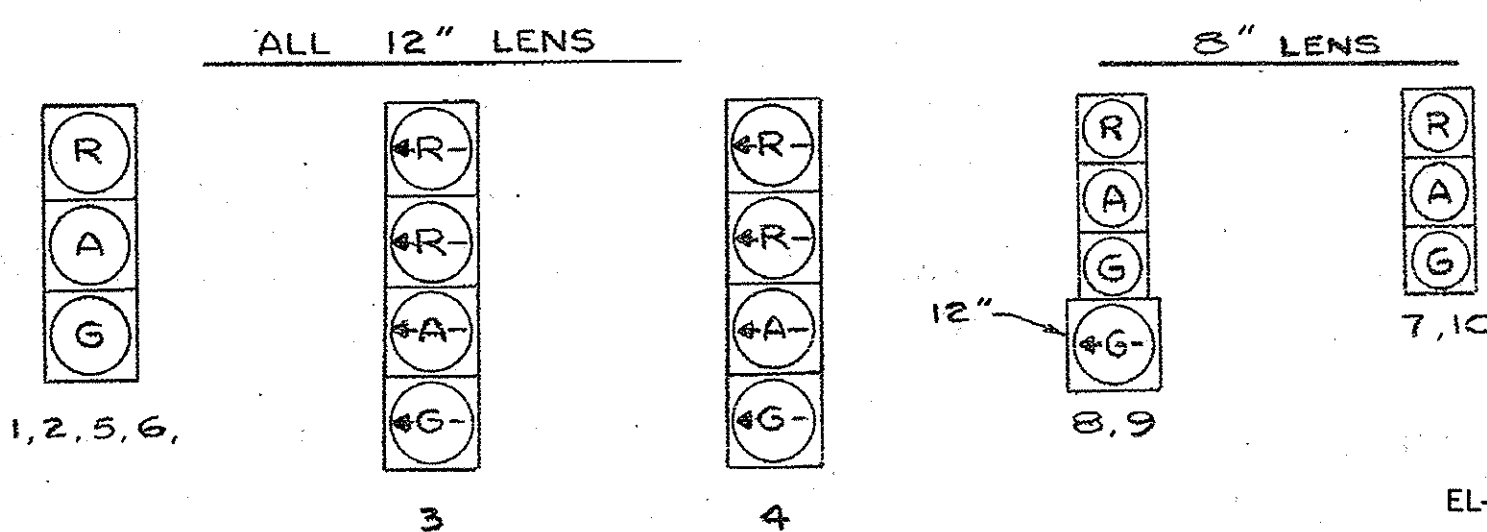
There is no equipment to be supplied by the SHA

B. EQUIPMENT TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR

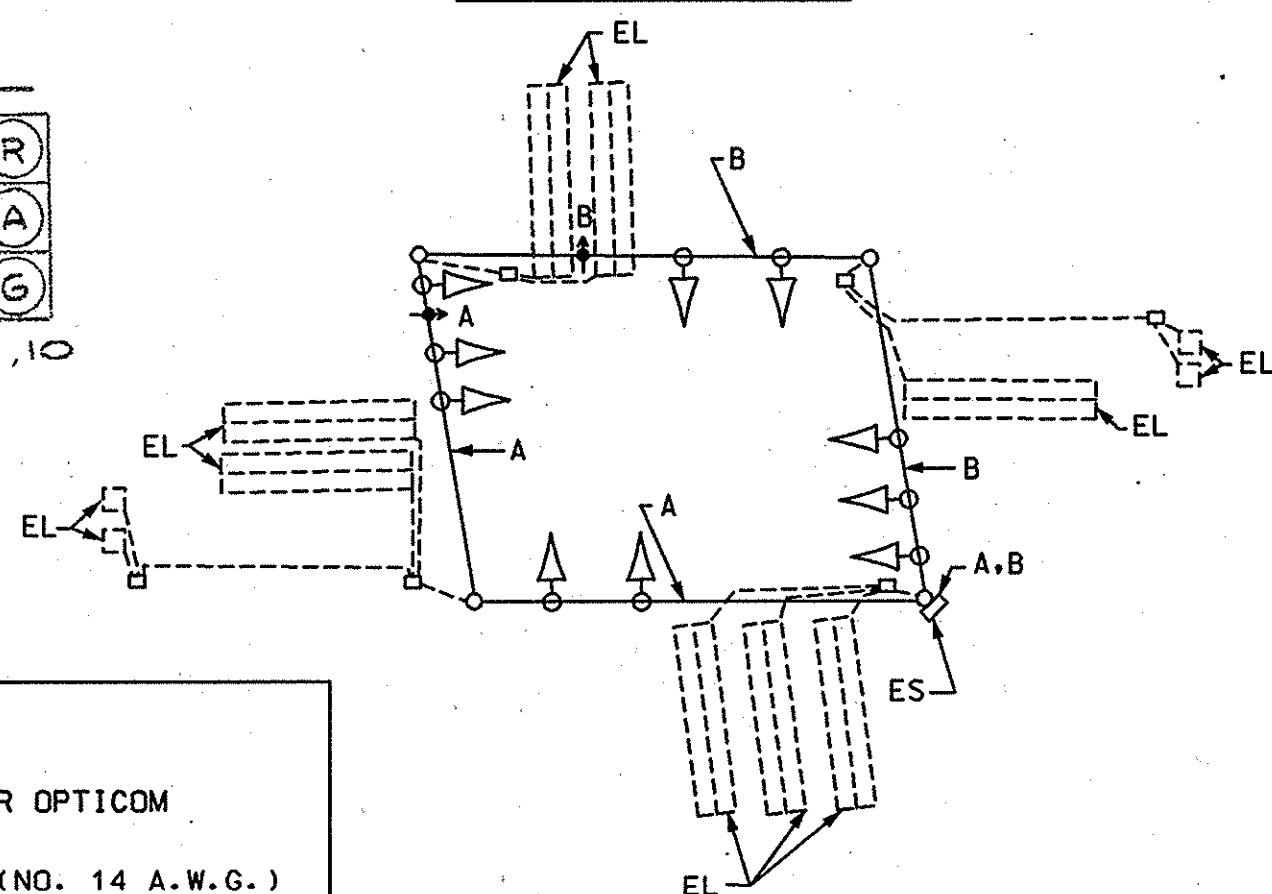
ITEM NO.	DESCRIPTION	QUANTITY
1001	* - NOT FOR THIS INTERSECTION ALREADY BEEN COVERED ON SHEET 1/2.	
8008	3M opticom Discriminator module, 4 channel #764.	1 EA
8033	4 conductor opticom detector cable.	355 L.F.
8066	Opticom #721 detector eye.	2 EA

PROPOSED SIGNALS

→ - OPTICOM DETECTOR EYE



WIRING DIAGRAM



WIRING KEY

- A } 4-CONDUCTOR OPTICOM
- B } CABLE
- EL - LOOP WIRE (NO. 14 A.W.G.)
- EXISTING
- ES - EXISTING SERVICE
- MAINTAINED BY BGE

SEQUENCE

SIGNALS	1	2	3	4	5	6	PRE EMT 1	PRE EMT 2	FLASH
1-2	R R	R R	G G	G A	R R	R R	G A	R R	A
3	←G ←A	←R ←R	←G ←A	←R ←R	←R ←R	←R ←R	←R ←R	←R ←R	←A
4	←G ←G	←G ←A	←R ←R	←R ←R	←R ←R	←R ←R	←R ←R	←R ←R	←A
5-6	R R	G A	R R	G A	R R	R R	R R	R R	A
7	R R	R R	R R	R R	G A	R R	R R	G A	R
8	R R	R R	R R	R R	←G ←A	R R	R R	←G ←A	R
9	R R	R R	R R	R R	←G ←A	R R	R R	←G ←A	R
10	R R	R R	R R	R R	R R	G A	R R	R R	R
11	DW DW	DW DW	FW FW	FW FDW	DW DW	DW DW	DW DW	DW DW	OFF
12	DW DW	FW FDW	DW DW	FW FDW	DW DW	DW DW	DW DW	DW DW	OFF
13	DW DW	DW DW	DW DW	DW DW	W FDW	DW DW	DW DW	DW DW	OFF

*FLASHING WALK WILL ALWAYS APPEAR DURING THIS INTERVAL WITHOUT USE OF PUSHBUTTON (11 & 12)

CONTROLLER CAPABLE OF SKIPPING ANY PHASE. SIGNALS DISPLAYING GREEN OR ARROW INDICATIONS DURING THEIR INITIAL INTERVAL SHALL BE FOLLOWED BY AN AMBER INDICATION PROVIDING THE NEXT PHASE TO FOLLOW DISPLAYS A RED INDICATION. HOWEVER, IF THE NEXT PHASE FOLLOWING DISPLAYS A GREEN OR ARROW INDICATION, THE AMBER WILL NOT BE DISPLAYED THE SIGNALS WILL REMAIN GREEN OR ARROW DURING THAT INTERVAL.

THIS IS NOT A REDLINE REVISION. RED INDICATES PROPOSED OPTICOM DETECTOR EQUIPMENT. IT IS SHOWN IN RED FOR CLARITY.

TOD No.: AT782-29
SHA No.: BA563A/B52

SHA

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

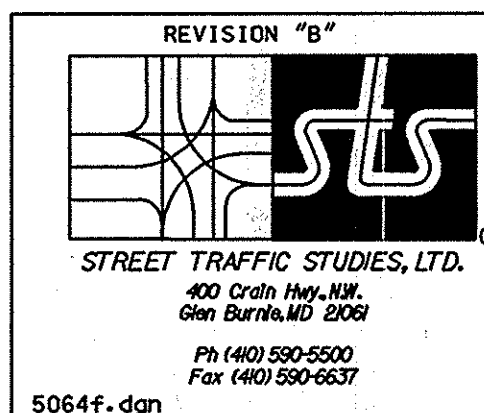
MD 45 (YORK RD)
AND BURKE AVE

SCALE 1"=20' DATE 3-7-06 CONTRACT NO.

DESIGNED BY BALT. CO. COUNTY BALTIMORE
DRAWN BY BALT. CO. LOGMILE 03004501.56
CHECKED BY BALT. CO. TMS NO. H423
F.A.P. NO. TOD NO.

TS NO. DRAWING NO. 6 OF 11 SHEET NO. OF

PLOTTED: 4/24/06
FILE: 9/1/06



APPROVALS
TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR

REVISIONS
INSTALL OPTICOM SHA NO. 1 AT782-185 4/28/06
J.A. [Signature] A 10-5-06 REPLACE CONTROLLER TO RE SIGNAL FILE