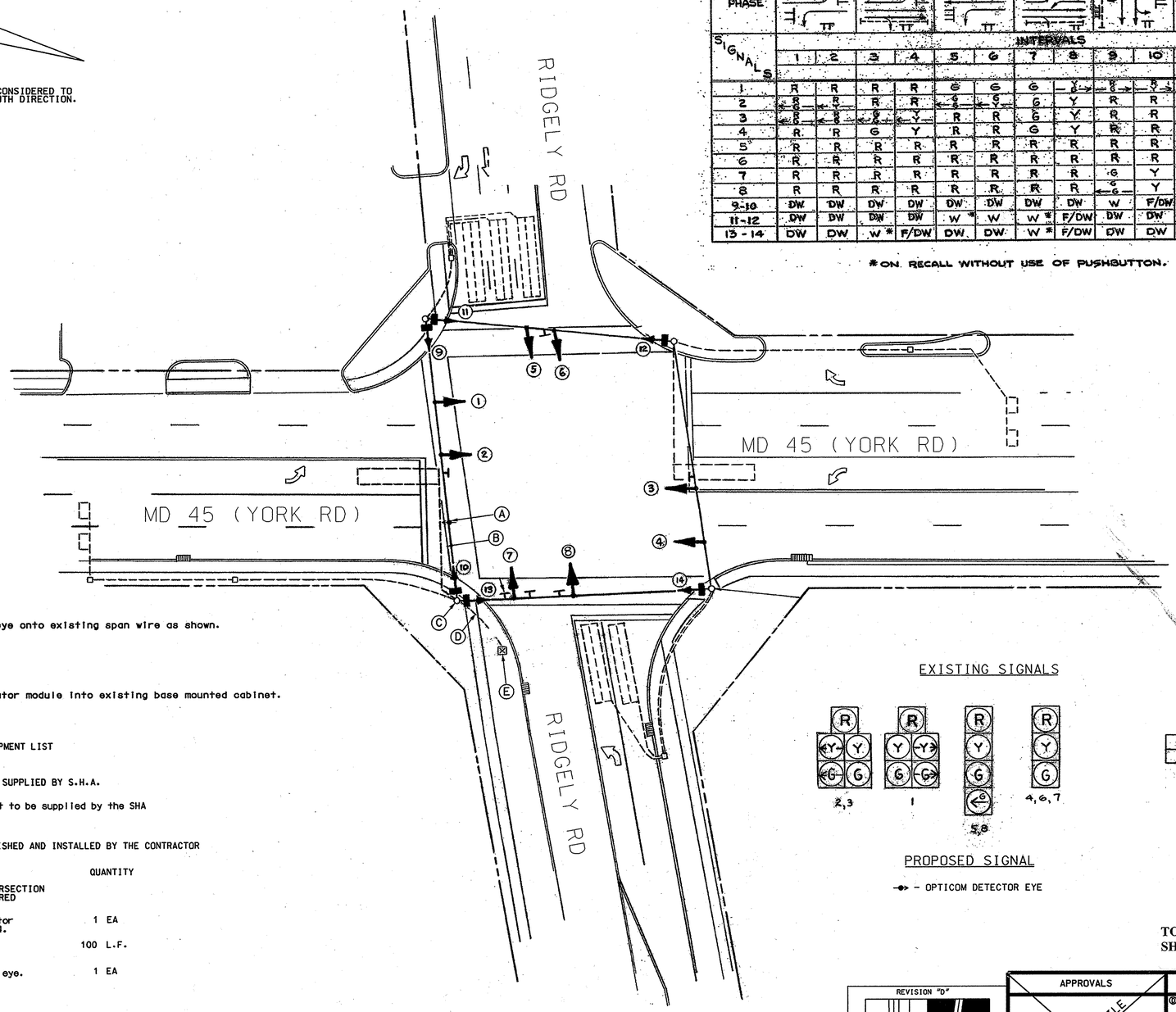
DRILL HOLES

BORDER REV. DATE: June 1, 2004

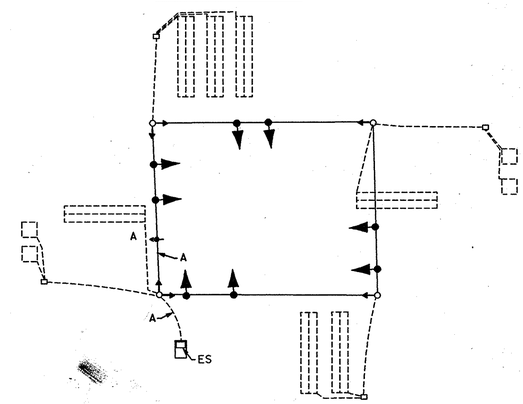
MD 45 (YORK RD) IS CONSIDERED TO RUN IN A NORTH – SOUTH DIRECTION.



PHASE	1+5		2+5		1+6		2+6		3		4		PRE EMPT 1	
SIGNALS / INTERVALS	1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	R	R	R	R	G	G	G	Y	G	Y	R	R	R	R
2	R	R	R	R	G	G	G	Y	R	R	R	R	R	R
3	R	R	G	Y	R	R	G	Y	R	R	R	R	G	G
4	R	R	G	Y	R	R	G	Y	R	R	R	R	Y	Y
5	R	R	R	R	R	R	R	R	R	R	G	Y	R	R
6	R	R	R	R	R	R	R	R	R	R	G	Y	R	R
7	R	R	R	R	R	R	R	R	G	Y	R	R	R	R
8	R	R	R	R	R	R	R	R	G	Y	R	R	R	R
9-10	DW	DW	DW	DW	DW	DW	DW	DW	W	F/DW	DW	DW	DW	DW
11-12	DW	DW	DW	DW	W *	W	W *	F/DW	DW	DW	DW	DW	DW	DW
13-14	DW	DW	W *	F/DW	DW	DW	W *	F/DW	DW	DW	DW	DW	DW	DW
FLASH	Y	Y	Y	Y	Y	Y	Y	OFF	OFF	OFF	OFF	OFF		

* ON RECALL WITHOUT USE OF PUSHBUTTON.

WIRING DIAGRAM



WIRING KEY

A - 4-CONDUCTOR OPTICOM CABLE

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

ES - EXISTING SERVICE TO BE MAINTAINED BY BGE

CONSTRUCTION DETAILS

A. Install opticom detector eye onto existing span wire as shown.

B. Use existing span wire.

C. Use existing strain pole.

D. Use existing conduit.

E. Install opticom Discriminator module into existing base 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	* - MOT 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.	100 L.F.
8066	Opticom #721 detector eye.	1 EA

EXISTING SIGNALS

DON'T WALK

9-14

PROPOSED SIGNAL

-●- OPTICOM DETECTOR EYE

GEOMETRIC LEGEND

PROPOSED

EXISTING

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	—A—A—
ELECTRIC	—E—E—
TELEPHONE	—T—T—
GAS	—G—G—
SEWER	—S—S—
WATER	—W—W—
CABLE TV	—TV—TV—

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

REVISION "D"

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

5064h.dgn

APPROVALS

TEAM LEADER

ASST. DIV. CHIEF

DIVISION CHIEF

OFFICE DIRECTOR

ORIGINAL ON FILE

REVISIONS

D INSTALL OPTICOM 4/28/06
S.H.A. NO.: AT7825185
JA

C 7-28-97
LANE ASSIGNMENT CHANGES
RIDGLEY ROAD

B 1-18-83
ADD LOOP DETECTOR AND CHANGE TO E.P.'S AND CONCURRENT PED POLE

PLOTTED: $DATETIME$
FILE: $FILE$

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

SHA

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

MD 45 (YORK RD) AND RIDGELY RD

SCALE 1"= 20' DATE 3-8-06 CONTRACT NO.

DESIGNED BY

DRAWN BY W.R. SMITH

CHECKED BY J.L.B

F.A.P. NO.

COUNTY BALTIMORE

LOGMILE 03004504.42

TIMS NO. H423

TOD NO.

TS NO. 4590D | DRAWING NO. 8 OF 11 | SHEET NO. OF

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