DRILL HOLES

BORDER REV: DATE: June 1, 2004

WIRING DIAGRAM

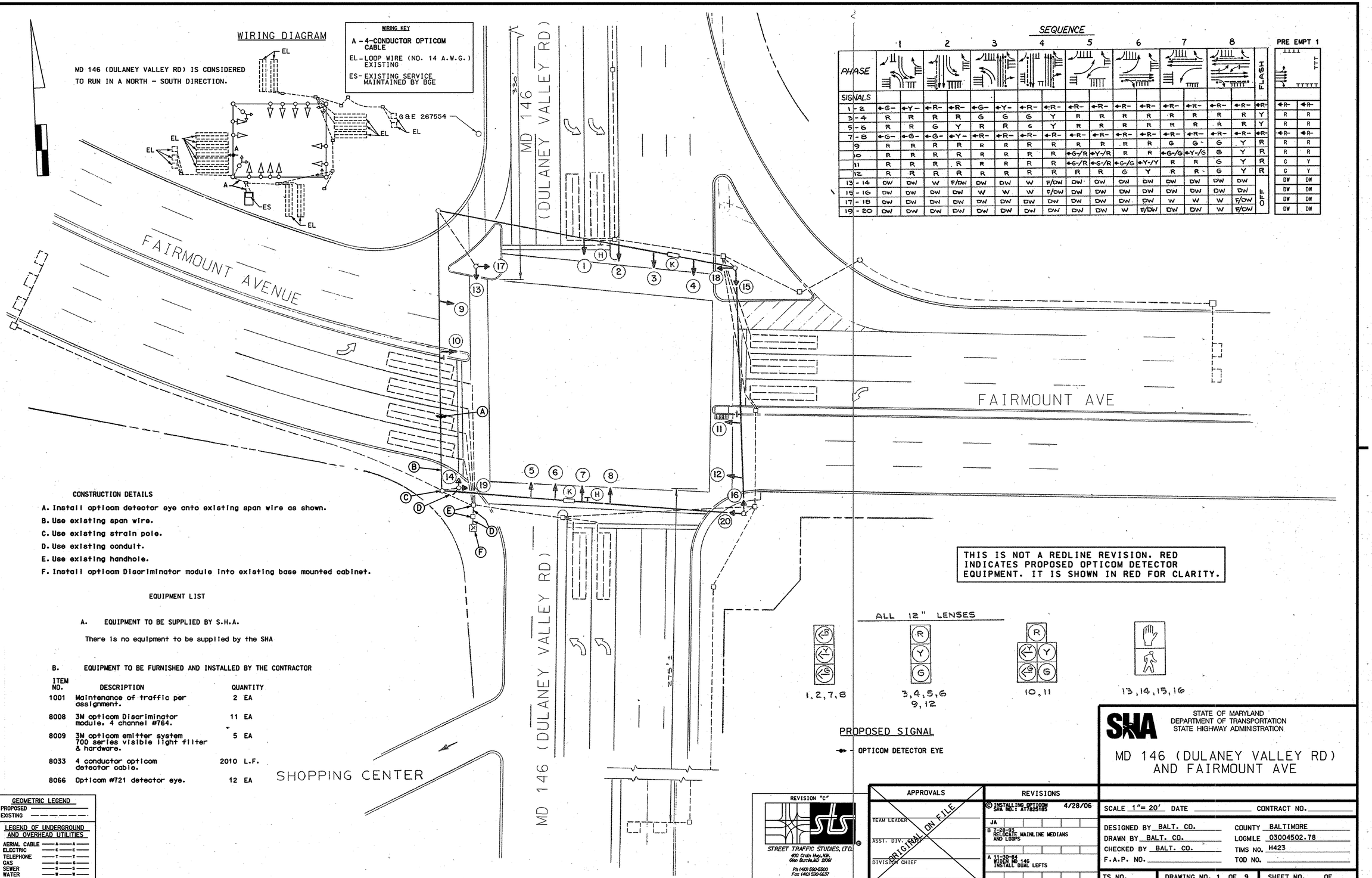
MD 146 (DULANEY VALLEY RD) IS CONSIDERED TO RUN IN A NORTH - SOUTH DIRECTION.

WIRING KEY

A - 4-CONDUCTOR OPTICOM CABLE

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

ES - EXISTING SERVICE MAINTAINED BY BGE



SEQUENCE

PHASE	1	2	3	4	5	6	7	8	FLASH	PRE EMPT 1
SIGNALS										
1 - 2	←G-	←Y-	←R-	←R-	←G-	←Y-	←R-	←R-	←R-	←R- ←R-
3 - 4	R	R	R	R	G	G	G	Y	R	R R
5 - 6	R	R	G	Y	R	R	G	Y	R	R R
7 - 8	←G-	←G-	←G-	←Y-	←R-	←R-	←R-	←R-	←R-	←R- ←R-
9	R	R	R	R	R	R	R	R	R	R R
10	R	R	R	R	R	R	R	R	←G-/R	←Y-/R R	R	R	←G-/G	←Y-/G	G	Y	R	R R
11	R	R	R	R	R	R	R	R	←G-/R	←G-/R	←G-/G	←Y-/Y	R	R	G	Y	R	G Y
12	R	R	R	R	R	R	R	R	R	R	G	Y	R	R	G	Y	R	G Y
13 - 14	DW	DW	W	F/DW	DW	DW	W	F/DW	DW	DW	DW	DW	DW	DW	DW	DW	OFF	DW DW
15 - 16	DW	DW	DW	DW	W	W	W	F/DW	DW	DW	DW	DW	DW	DW	DW	DW		DW DW
17 - 18	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	W	W	W	F/DW		DW DW
19 - 20	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	W	F/DW	DW	DW	W	F/DW		DW DW

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. Use existing handhole.

F. 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	Maintenance of traffic per assignment.	2 EA
8008	3M opticom Discriminator module. 4 channel #764.	11 EA
8009	3M opticom emitter system 700 series visible light filter & hardware.	5 EA
8033	4 conductor opticom detector cable.	2010 L.F.
8066	Opticom #721 detector eye.	12 EA

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

ALL 12" LENSES

1,2,7,8 — 3,4,5,6 9,12 — 10,11 — 13,14,15,16

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—

REVISION "c"

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APPROVALS	
TEAM LEADER	ORIGINAL ON FILE
ASST. DIV. CHIEF	
DIVISION CHIEF	
OFFICE DIRECTOR	

REVISIONS	
© INSTALLING OPTICOM SHA NO.: A17825185	4/28/06
JA	
B 7-28-93 RELOCATE MAINLINE MEDIANS AND LOOPS	
A 11-30-84 WIDEN MD 146 INSTALL DUAL LEFTS	

PLOTTED: $DATETIME$
FILE: $FILE$

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

SHA

MD 146 (DULANEY VALLEY RD) AND FAIRMOUNT AVE

SCALE 1"= 20' DATE _____ CONTRACT NO. _____

DESIGNED BY BALT. CO. COUNTY BALTIMORE
DRAWN BY BALT. CO. LOGMILE 03004502.78
CHECKED BY BALT. CO. TIMS NO. H423
F.A.P. NO. _____ TOD NO. _____

TS NO. | DRAWING NO. 1 OF 9 | SHEET NO. OF

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