MD 235 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

EXISTING SIGNS

14 — PUSH BUTTON TO CROSS Enter St. Name; START CROSSING WATCH FOR TURNING CARS; DON'T START FINISH CROSSING IF STARTED; TIME REMAINING TO FINISH CROSSING; PEDESTRIANS SHOULD NOT BE IN CROSSWALK; STREET NAME IN BRAILLE TYPE 2 — R10-3(1) 9" x 15"

15 — PUSH BUTTON TO CROSS Enter St. Name; START CROSSING WATCH FOR TURNING CARS; DON'T START FINISH CROSSING IF STARTED; TIME REMAINING TO FINISH CROSSING; PEDESTRIANS SHOULD NOT BE IN CROSSWALK; STREET NAME IN BRAILLE TYPE 2 — R10-3(1) 9" x 15"

11,12 — Shangri-La DR — D-3(2) DUAL-FACED (VAR.X16")

13 — NORTH 235 SOUTH (MARYLAND) — M1-5(3) 78"X24")

10 — R3-4 (30"x30")

EXISTING SIGNALS

3 — 12"

1,2,4-7 — 12"

8,9 — 16" LED COUNTDOWN PEDESTRIAN SIGNAL

EXISTING VIDEO DETECTION CAMERA

a

EXISTING OPTICOM DETECTOR EYE

b

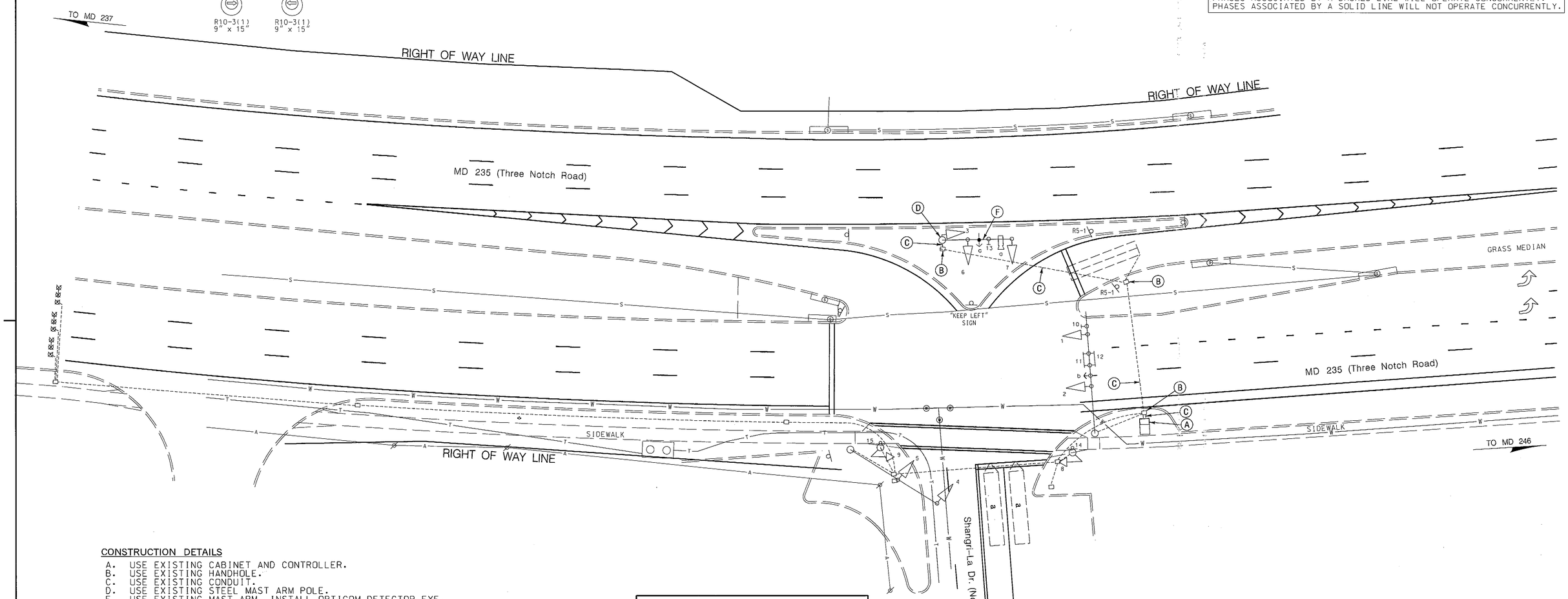
PROPOSED OPTICOM DETECTOR EYE

c

NEMA PHASING

Ø2, Ø4, Ø5, Ø6, FLASHING OPERATION, EMERGENCY PRE-EMPT #1, EMERGENCY PRE-EMPT #2

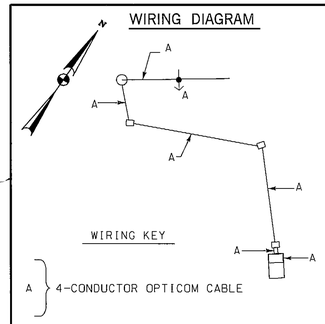
NOTE:
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.



CONSTRUCTION DETAILS

A. USE EXISTING CABINET AND CONTROLLER.
B. USE EXISTING HANDHOLE.
C. USE EXISTING CONDUIT.
D. USE EXISTING STEEL MAST ARM POLE.
E. USE EXISTING MAST ARM. INSTALL OPTICOM DETECTOR EYE.

WIRING DIAGRAM



WIRING KEY

A — 4-CONDUCTOR OPTICOM CABLE

Equipment List

A. Equipment To Be Supplied By SHA

Quantity	Description
1 EACH	Opticom Detector Eye
215 L.F.	4 conductor opticom cable

B. EQUIPMENT TO BE INSTALLED BY SHA

QUANTITY	DESCRIPTION
1 EACH	MAINTENANCE OF TRAFFIC
1 EACH	INSTALL OPTICOM DETECTOR EYE
1 EACH	INSTALL 4 CONDUCTOR OPTICOM CABLE
1 EACH	Removal & Disposal of Material

WR&A
WHITMAN, REQUARDT & ASSOCIATES, LLP
801 South Caroline Street, Baltimore, Maryland 21231

BY: bdonoway

GEOMETRIC LEGEND
EXISTING
PROPOSED

UTILITY LEGEND
SD — STORM DRAIN
G — GAS MAIN
W — WATER MAIN
S — SEWER MAIN
E — ELECTRIC CABLES
A — AERIAL CABLES
T — TELEPHONE CABLES
F — FIBER-OPTIC

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

REVISIONS
(J) INSTALL OPTICOM DETECTION ON NB SHANGRI-LA DR TIMS# L156 CONTRACT NO. AX108651 10/17/2011 BRD NMA
(H) NEW GEOMETRICS AND SIGNAL RELOCATION SHA NO. AT9135185 10/99 JWA DBD RDB WH WH-TH
G SPLIT SIDE STREET PHASING SHA NO. 2/89

PLOTTED: October 19, 2011
FILE: N:\3Rrs9-179\CADD\psG-P001_L156.dgn

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 235 (Three Notch Road) at
N. Shangri-La Drive
Lexington Park, MD

TRAFFIC SIGNALIZATION PLAN

SCALE 1" = 20' ADVERTISED DATE 2/22/2007 CONTRACT NO. SM-675X-000-585

DESIGNED BY J.W.A. COUNTY St. Marys
DRAWN BY R.C. LOGMILE 18023512.16
CHECKED BY TIMS NO. I971
F.A.P. NO. TOD NO.

TS NO. 787 J | DRAWING TSP- 1 OF 1 | SHEET NO. 1 OF 1