

REVISION **B1**

PROPOSED OPTICOM EYE

EXISTING SIGNALS

1-4, 6, 8 5, 7

(R) (R)

(Y) (Y)

(G) (G)

NEMA PHASING

REVISION **B1**

OPTICOM PREEMPTION

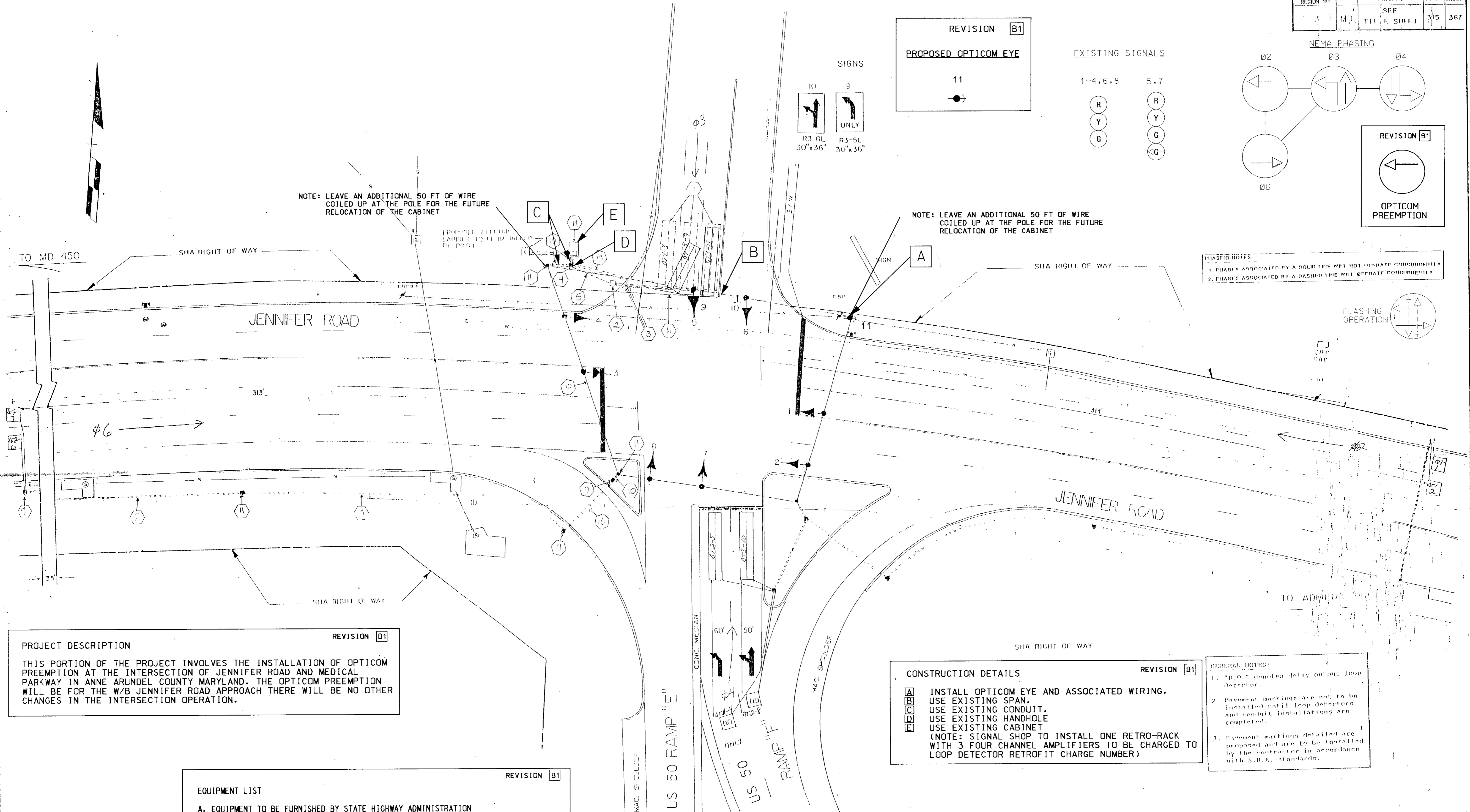
SIGNS

10 9

PHASING NOTES:

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

FLASHING OPERATION



PROJECT DESCRIPTION

THIS PORTION OF THE PROJECT INVOLVES THE INSTALLATION OF OPTICOM PREEMPTION AT THE INTERSECTION OF JENNIFER ROAD AND MEDICAL PARKWAY IN ANNE ARUNDEL COUNTY MARYLAND. THE OPTICOM PREEMPTION WILL BE FOR THE W/B JENNIFER ROAD APPROACH THERE WILL BE NO OTHER CHANGES IN THE INTERSECTION OPERATION.

CONSTRUCTION DETAILS

- INSTALL OPTICOM EYE AND ASSOCIATED WIRING.
- USE EXISTING SPAN.
- USE EXISTING CONDUIT.
- USE EXISTING HANDHOLE
- USE EXISTING CABINET

(NOTE: SIGNAL SHOP TO INSTALL ONE RETRO-RACK WITH 3 FOUR CHANNEL AMPLIFIERS TO BE CHARGED TO LOOP DETECTOR RETROFIT CHARGE NUMBER)

GENERAL NOTES:

- "D.O." denotes delay output loop detector.
- Pavement markings are not to be installed until loop detectors and conduit installations are completed.
- Pavement markings detailed are proposed and are to be installed by the contractor in accordance with S.H.A. standards.

EQUIPMENT LIST

A. EQUIPMENT TO BE FURNISHED BY STATE HIGHWAY ADMINISTRATION

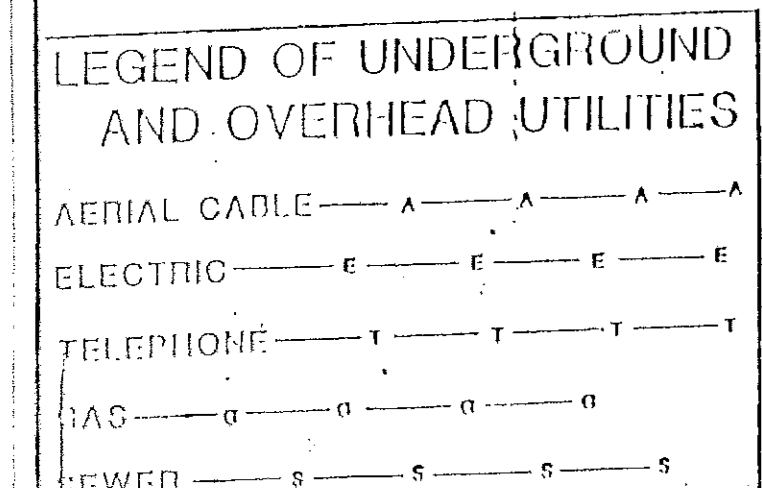
ITEM NO.	QUANTITY	DESCRIPTION
*9000	1 EA	RETRO RACK
*9002	3 EA	(CONT/CAB/ADD) DETECTOR AMPLIFIER 4-CH RACK MT

* NOTE: RETRO RACK AND 4-CH RACK MT AMPLIFIERS SHOULD BE CHARGED OUT TO THE RETROFIT CHARGE NUMBER NOT TO THIS PROJECT

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY CONTRACTOR

ITEM NO.	QUANTITY	DESCRIPTION
8012	1 EA	FURNISH AND INSTALL 3M OPTICOM #721 DETECTOR EYE
8014	1 EA	FURNISH AND INSTALL 3M OPTICOM #762 DISCRIMINATOR MODULE
8037	250 LF	FURNISH AND INSTALL 4 CONDUCTOR OPTICOM DETECTOR CABLE

C. EQUIPMENT TO BE RETURNED TO THE STATE HIGHWAY ADMINISTRATION
ALL REMOVED MATERIAL SHALL BECOME THE PROPERTY OF THE CONTRACTOR



STREET TRAFFIC STUDIES, LTD.

Suite 295, Commencement East
1777 Beltsville Road
Beltsville, MD 20814

REVISIONS	APPROVALS
B1 INSTALLATION OF OPTICOM DETECTION FOR W/B JENNIFER ROAD XX1005585 4/2001 JAH	<i>[Signature]</i> CHIEF, SIGNAL DESIGN SECTION
	<i>[Signature]</i> ASST. DISTRICT ENGINEER, TRAFFIC
	<i>[Signature]</i> CHIEF, BUREAU OF TRAFFIC ENGINEERING

MARYLAND DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION - OFFICE OF TRAFFIC
BUREAU OF TRAFFIC ENGINEERING

DRAWN BY: W J NIES (FOR STS)

DES. BY: R R ZACHERL (FOR STS)

CHK. BY: *[Signature]*

DATE: 12-2-07

JENNIFER ROAD AND
US 50 RAMPS "E" AND "F"

COUNTY: ANNE ARUNDEL

SHEET NO. 06 OF 08

794B1