MD 213 IS CONSIDERED TO RUN IN A NORTH-SOUTH DIRECTION.

EXISTING SIGNALS

1-9

R

Y

G

8"

EXISTING SIGNS

10,10A

Elkton Blvd

D3-2

12"X Var

11,11A

Bridge St

D3-2

12"X Var

PROPOSED OPTICOM DETECTOR EYE

02 04 06 08

FLASHING OPERATION

PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY

PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY

OPTICOM PRE-EMPTION

PRE-EMPTION 1

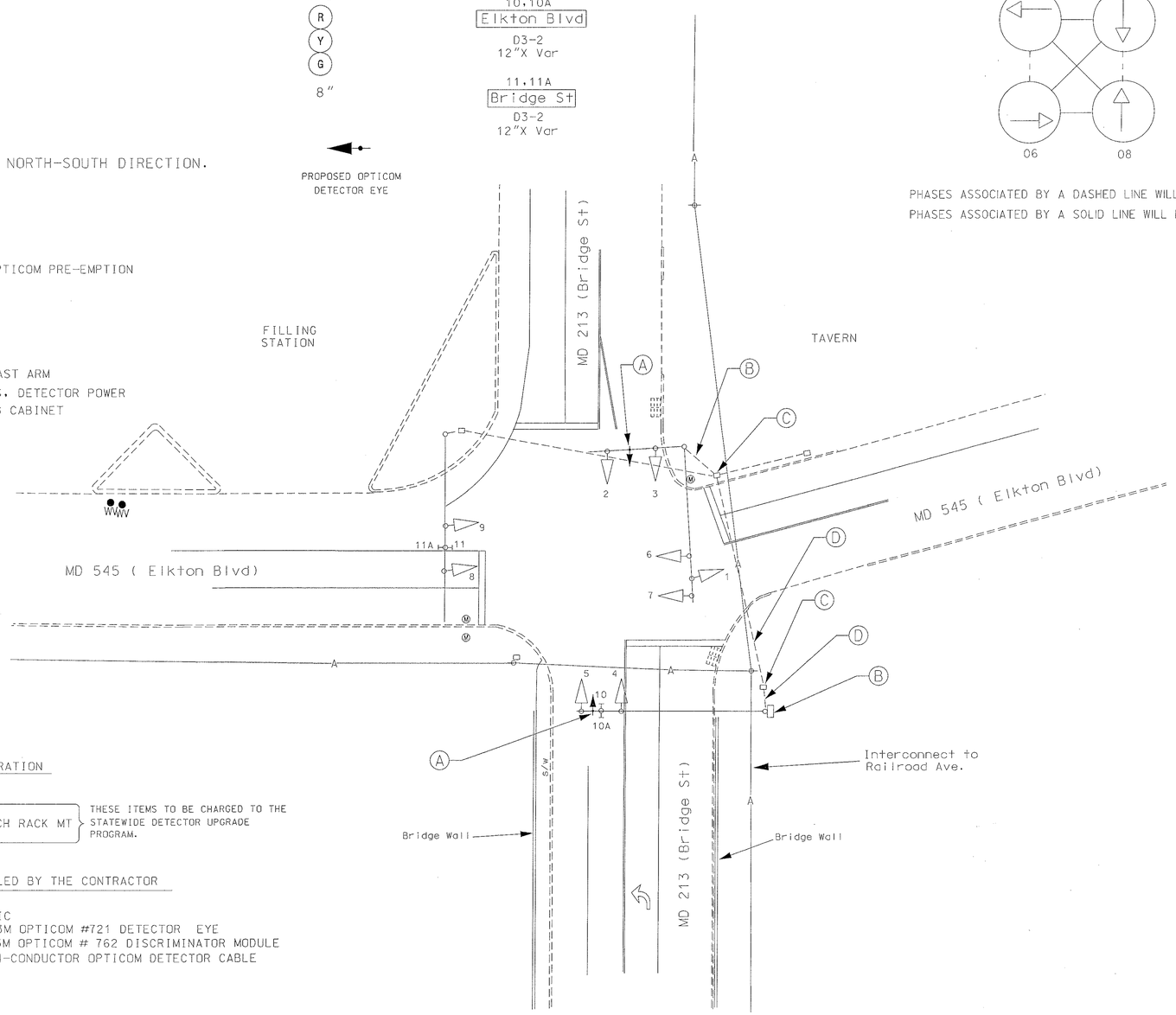
PRE-EMPTION 2

PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE INSTALLATION OF OPTICOM PRE-EMPTION FOR THE NB AND SB DIRECTIONS OF MD 213

CONSTRUCTION DETAILS

A. INSTALL OPTICOM DETECTOR EYE ON EXISTING MAST ARM
B. INSTALL RETROFIT RACK, 4-CHANNEL AMPLIFIERS, DETECTOR POWER SUPPLY AND DISCRIMINATOR MODULE IN EXISTING CABINET
C. USE EXISTING HANDHOLE
D. USE EXISTING CONDUIT



A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION

ITEM #	QUANTITY	ITEM DESCRIPTION
9000	1 EA	RETROFIT RACK
9000	1 EA	D-PANEL W/ HARNESS
9002	2 EA	DETECTOR AMPLIFIER 4-CH RACK MT
9004	1 EA	DETECTOR POWER SUPPLY

THESE ITEMS TO BE CHARGED TO THE STATEWIDE DETECTOR UPGRADE PROGRAM.

B. EQUIPMENT TO BE SUPPLIED AND/OR INSTALLED BY THE CONTRACTOR

ITEM #	QUANTITY	ITEM DESCRIPTION
1001	1 EA	MAINTENANCE OF TRAFFIC
8012	2 EA	FURNISH AND INSTALL 3M OPTICOM #721 DETECTOR EYE
8014	1 EA	FURNISH AND INSTALL 3M OPTICOM # 762 DISCRIMINATOR MODULE
8037	230 LF	FURNISH AND INSTALL 4-CONDUCTOR OPTICOM DETECTOR CABLE

UTILITY LEGEND

—G—G—	GAS MAIN
—W—W—	WATER MAIN
—S—S—	SEWER MAIN
—E—E—	ELECTRIC CABLES
—A—A—	AERIAL CABLES
—T—T—	TELEPHONE CABLES

REVISIONS	APPROVALS
(A) INSTALL OPTICOM PRE-EMPTION NTS MD 213 10/00	ORIGINAL
CJS	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
	ON
	ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	FILE
	DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION

Office of Traffic & Safety

TRAFFIC ENGINEERING DESIGN DIVISION

MD 213 (Bridge St) @ MD 545 (Elkton Blvd)

DRAWN BY:	C. Strain	F.A.P. NO.		TS NO.	SHEET NO.
CHECKED BY:	M. Rucker	S.H.A. NO.	CE790456/B56		
SCALE:	1:20	COUNTY:	CECIL	T.I.M.S. NO.	
DATE:	9-8-00	LOG MILE:		E063	1 OF 1