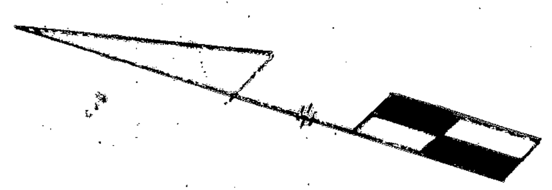
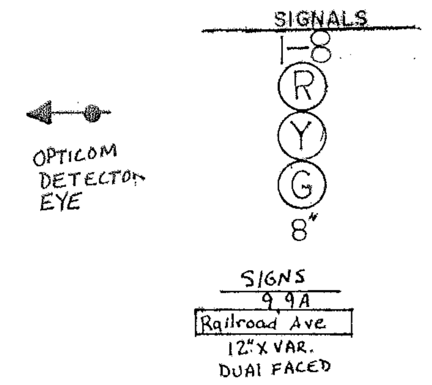
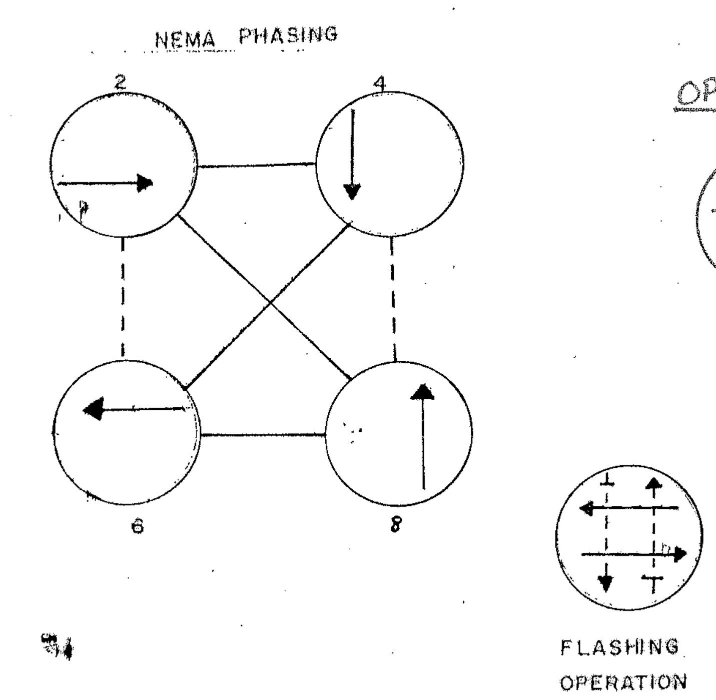
F.H.WA. REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD.	SEE TITLE SHEET	109	110

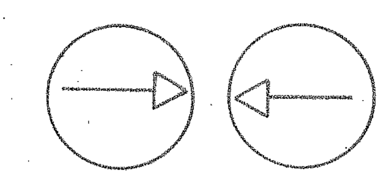




NEMA PHASING



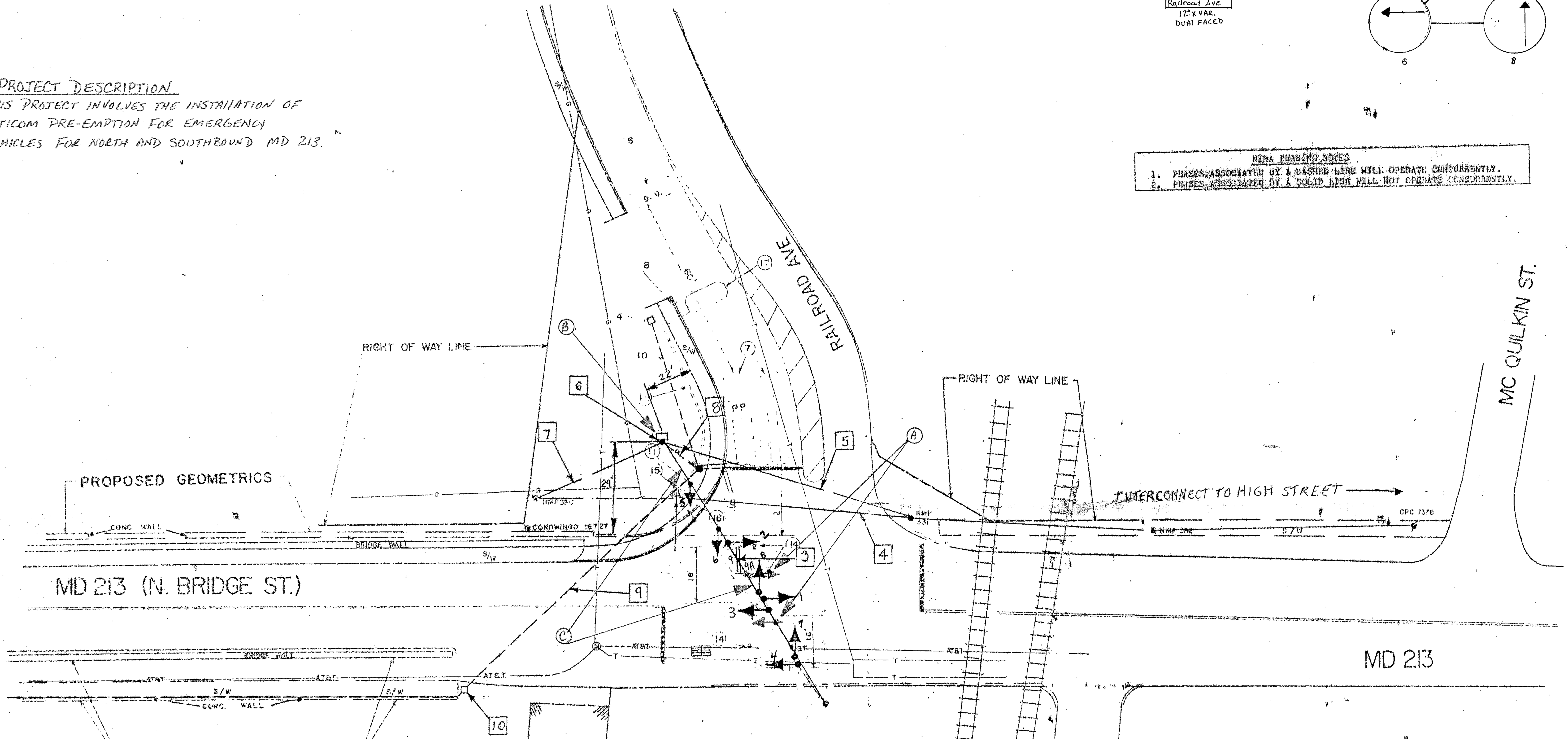
OPTICOM PRE-EMPTION



NEMA PHASING NOTES
1. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE INSTALLATION OF OPTICOM PRE-EMPTION FOR EMERGENCY VEHICLES FOR NORTH AND SOUTHBOUND MD 213.



A. EQUIPMENT TO BE SUPPLIED: BY THE ADMINISTATION

ITEM #	QUANTITY	ITEM DESCRIPTION
9006	1 EA	D-PANEL W/ HARNESS
9006	1 EA	RETROFIT RACK
9002	1 EA	DETECTOR AMPLIFIER 4-CH RACK MT.
9004	1 EA	DETECTOR POWER SUPPLY

THESE ITEMS TO BE CHARGED TO THE STATEWIDE DETECTOR UPGRADE PROGRAM

NOTE
1. STRIPING TO BE DONE BY OTHERS
2. [illegible]

CONSTRUCTION DETAILS

A. INSTALL OPTICOM DETECTOR EYE ON EXISTING SPAN WIRE.
B. INSTALL RETROFIT RACK, 4-CHANNEL AMPLIFIER, DISCRIMINATOR MODULE & POWER SUPPLY IN EXISTING CABINET.
C. USE EXISTING SPAN WIRE

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

ITEM #	QUANTITY	ITEM DESCRIPTION
8012	2 EA	FURNISH & INSTALL OPTICOM #721 DETECTOR EYE.
8014	1 EA	FURNISH & INSTALL 3M OPTICOM #762 DISCRIMINATOR MODULE
8037	170 LF	FURNISH & INSTALL 4-CONDUCTOR OPTICOM DETECTOR CABLE.

LEGEND OF UNDERGROUND UTILITIES [illegible]

APPROVAL: REGIONAL TRAFFIC ENGINEER

APPROVAL: CHIEF-BUREAU OF TRAFFIC ENGINEERING

APPROVAL: ASS'T. CHIEF ENGINEER TRAFFIC

REVISIONS

(C) INSTALL OPTICOM PRE-EMPTION TMS # E063 9/00
CTS MAR [signature] 7H 9/?

(B) 4-27-88 Pole Relocation SHA No CE 677-502-270

(A) JULY 10, 1985 RELOCATED SIGNAL EQUIPMENT DUE TO NEW GEOMETRICS
CONTRACT NO. CE 677-201-271
DLA [signatures] 7/8/?

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

TRAFFIC DIVISION – BUREAU OF TRAFFIC ENGINEERING

MD 213 (N. BRIDGE ST.) & RAILROAD AVE

SCALE 1" = 20' DATE OCT., 1985 CONTRACT NO. CE 990 A56 1856

DRAWN BY: L. T. H. KILIAN COUNTY: CECIL

DESIGNED BY: SIGNAL NO.: 07013

CHECKED BY: [signature]

DRAWING NO. 109
TS-55 X B

07D213 19.29 L20

BRUNING 44 511 19027