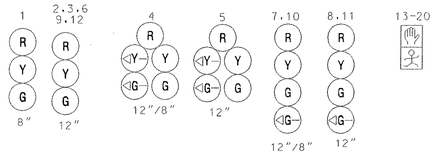
MD 5 IS CONSIDERED TO RUN IN A NORTH-SOUTH DIRECTION.

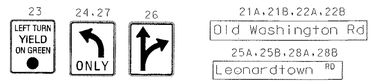
PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE INSTALLATION OF OPTICOM DETECTION FOR NB MD 925

EXISTING SIGNALS



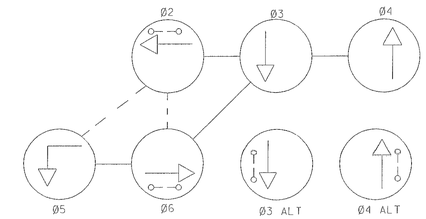
EXISTING SIGNS

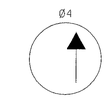


PROPOSED EQUIPMENT

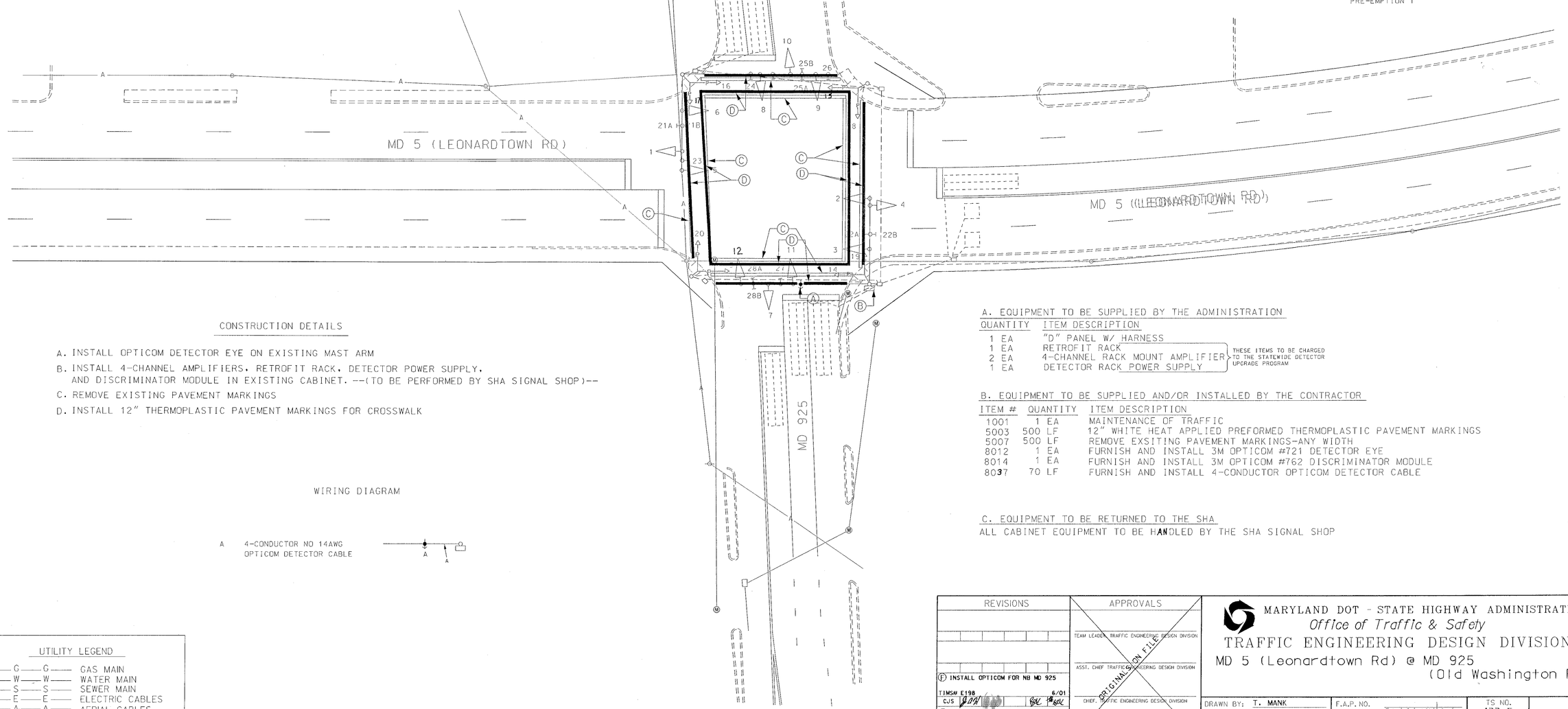
OPTICOM EYE

NEMA PHASING





PRE-EMPTION 1



CONSTRUCTION DETAILS

A. INSTALL OPTICOM DETECTOR EYE ON EXISTING MAST ARM

B. INSTALL 4-CHANNEL AMPLIFIERS, RETROFIT RACK, DETECTOR POWER SUPPLY, AND DISCRIMINATOR MODULE IN EXISTING CABINET. --(TO BE PERFORMED BY SHA SIGNAL SHOP)--

C. REMOVE EXISTING PAVEMENT MARKINGS

D. INSTALL 12" THERMOPLASTIC PAVEMENT MARKINGS FOR CROSSWALK

WIRING DIAGRAM

A 4-CONDUCTOR NO 14AWG OPTICOM DETECTOR CABLE

A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION

QUANTITY	ITEM DESCRIPTION	
1 EA	"D" PANEL W/ HARNESS	
1 EA	RETROFIT RACK	THESE ITEMS TO BE CHARGED TO THE STATEWIDE DETECTOR UPGRADE PROGRAM
2 EA	4-CHANNEL RACK MOUNT AMPLIFIER	
1 EA	DETECTOR RACK POWER SUPPLY	

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

ITEM #	QUANTITY	ITEM DESCRIPTION
1001	1 EA	MAINTENANCE OF TRAFFIC
5003	500 LF	12" WHITE HEAT APPLIED PREFORMED THERMOPLASTIC PAVEMENT MARKINGS
5007	500 LF	REMOVE EXSITING PAVEMENT MARKINGS-ANY WIDTH
8012	1 EA	FURNISH AND INSTALL 3M OPTICOM #721 DETECTOR EYE
8014	1 EA	FURNISH AND INSTALL 3M OPTICOM #762 DISCRIMINATOR MODULE
8037	70 LF	FURNISH AND INSTALL 4-CONDUCTOR OPTICOM DETECTOR CABLE

C. EQUIPMENT TO BE RETURNED TO THE SHA

ALL CABINET EQUIPMENT TO BE HANDLED BY THE SHA SIGNAL SHOP

UTILITY LEGEND

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

REVISIONS	APPROVALS
(F) INSTALL OPTICOM FOR NB MD 925	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
TIMS# E198 6/01	ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
CJS	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
E REPLACE LOOPS DUE TO GEOMETRIC CHANGES	DIRECTOR, TRAFFIC & SAFETY
TMZ	

ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
MD 5 (Leonardtown Rd) @ MD 925 (Old Washington Rd)

DRAWN BY: T. MANK	F.A.P. NO.	TS NO. 433-F	SHEET NO.
CHECKED BY:	S.H.A. NO. CH634 A54 B54		
SCALE: 1:20	COUNTY: CHARLES	T.I.M.S. NO. N/A	4 OF 5
DATE: 2-9-72	LOG MILE: 08092502.56		