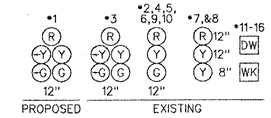
F.H.W.A. REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD	.	51	64

REVISION B

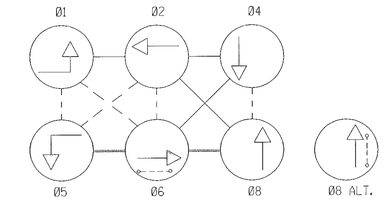
PROPOSED OPTICOM EYE

24

SIGNALS

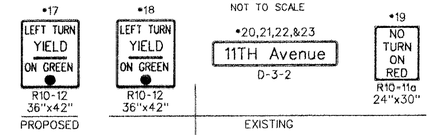


NEMA PHASING



SIGNS

NOT TO SCALE



REVISION B

OPTICOM PREEMPTION

FIRE HOUSE PREEMPTION

FLASHING OPERATION

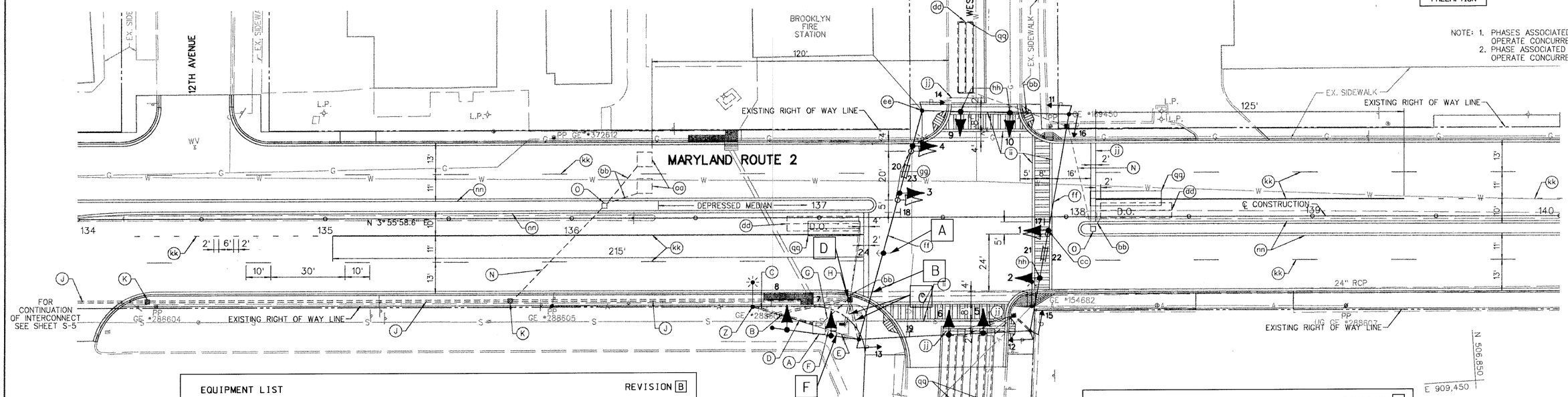
NOTE: 1. PHASES ASSOCIATED BY DASHED LINES WILL OPERATE CONCURRENTLY.
2. PHASE ASSOCIATED BY SOLID LINES WILL NOT OPERATE CONCURRENTLY.

PROJECT DESCRIPTION

REVISION B

THIS PROJECT INVOLVES THE INSTALLATION OF OPTICOM DETECTION AT EIGHT INTERSECTIONSIN ANNE ARUNDEL COUNTY.

THIS PORTION OF THE PROJECT INVOLVES THE INSTALLATION OF OPTICOM PREEMPTION AT THE INTERSECTION OF MD 2 AND 11TH AVE. IN ANNE ARUNDEL COUNTY MARYLAND. THE OPTICOM PREEMPTION WILL BE FOR N/B MD 2 THERE WILL BE NO OTHER CHANGES IN THE INTERSECTION OPERATION.



EQUIPMENT LIST

REVISION B

A. EQUIPMENT TO BE FURNISHED BY STATE HIGHWAY ADMINISTRATION

ITEM NO.	QUANTITY	DESCRIPTION
9002	2 EA	DETECTOR AMPLIFIER 4-CH RACK MT
9078	1 EA	CABINET EXTENSION BASE, SIZE 5
9085	1 EA	CABINET W/ TELEMETRY (SYSTEM CAB), SIZE 5 NOTE SHOP FORCES WILL INSTALL CABINET

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

ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EA	MAINTENANCE OF TRAFFIC
8012	1 EA	FURNISH AND INSTALL 3M OPTICOM #721 DETECTOR EYE
8014	1 EA	FURNISH AND INSTALL 3M OPTICOM #762 DISCRIMINATOR MODULE
8037	150 LF	FURNISH AND INSTALL 4 CONDUCTOR OPTICOM DETECTOR CABLE

C. EQUIPMENT TO BE RETURNED TO THE STATE HIGHWAY ADMINISTRATION

ITEM NO.	QUANTITY	DESCRIPTION
0001	1 EA	BASE MOUNTED SIZE 5 CABINET (TO BE RETURNED BY SHOP FORCES)

ALL OTHER REMOVED MATERIAL SHALL BECOME THE PROPERTY OF THE CONTRACTOR

CONSTRUCTION DETAILS

REVISION B

- A INSTALL OPTICOM EYE AND ASSOCIATED WIRING.
- B USE EXISTING SPAN.
- C USE EXISTING CONDUIT.
- D USE EXISTING HANDHOLE
- E NOT USED
- F SHOP FORCES WILL INSTALL BASE MOUNTED CABINET.

GENERAL NOTES:

1. "D.O." DENOTES DELAY-OUTPUT LOOP DETECTOR.
2. ALL UTILITY LOCATIONS ON THIS PLAN ARE APPROXIMATE. EXACT LOCATIONS WILL HAVE TO BE CONFIRMED THROUGH "MISS UTILITY" (1-800-257-7777)
3. THE CONTRACTOR SHALL CONFIRM ALL NEW GEOMETRICS PRIOR TO THE INSTALLATION OF ANY SIGNAL EQUIPMENT. POLES ARE TO BE INSTALLED AT FINAL GRADE.
4. PAVEMENT MARKING IS SHOWN FOR REFERENCE.
5. PAVEMENT MARKING WILL BE INSTALLED AS PART OF HIGHWAY CONSTRUCTION.

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

G — G	GAS MAIN
W — W	WATER MAIN
S — S	SEWER MAIN
E — E	ELECTRIC CABLES
T — T	TELEPHONE CABLES
A — A	AERIAL CABLES
S/D — S/D	STORM DRAIN

CENTURY ENGINEERING, INC.
CONSULTING ENGINEERS - PLANNERS
32 WEST ROAD
TOWSON, MARYLAND 21204

REVISIONS

A. MODIFICATION DUE TO GEOMETRICS-INTERCONNECT ADDED. 9-93
SHA AD 548-501-583

B. INSTALL OPTICOM PREEMPTION FOR N/B MD 2 4/2001
SHA # XX1005585 JAH

APPROVALS

NOTE: THIS IS A REVISION TO TS-794 DRAWING DATED 11-13-72 ON FILES

ASST. DISTRICT ENGINEER, TRAFFIC

CHIEF, TRAFFIC ENGINEERING DIVISION

DEPUTY CHIEF ENGINEER, TRAFFIC

MDOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

DRAWN BY: T.T. LANE (CEI)
DES. BY: R.W. HARRIS (CEI)
CHK. BY: -

MD. 2(RITCHIE HWY) AND 11TH AVENUE

COUNTY ANNE ARUNDEL

DATE: 11-13-72 F.A.P. NO. SEE TITLE SHEET
SCALE: 1" = 20' S.H.A. NO. SEE TITLE SHEET

TS/STD. NO. 794B

SHEET NO. 1 OF 8

FILE: 7067204T.DGN 9-18-93