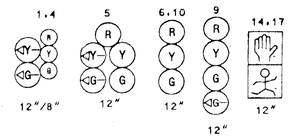
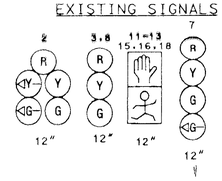
MD 2 IS ASSUMED TO RUN IN A NORTH/SOUTH DIRECTION.

PROPOSED SIGNALS



EXISTING SIGNALS

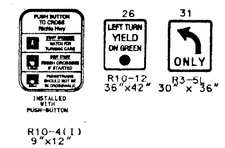


REVISION E

PROPOSED OPTICOM EYE

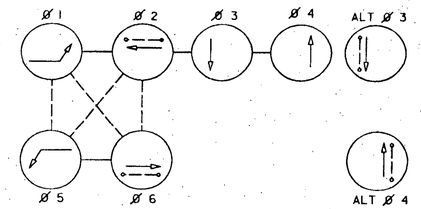
35

PROPOSED SIGNS



EXISTING SIGNS

NEMA PHASING



REV. E

OPTICOM PREEMPTION

FLASHING OPERATION

PHASING NOTES:

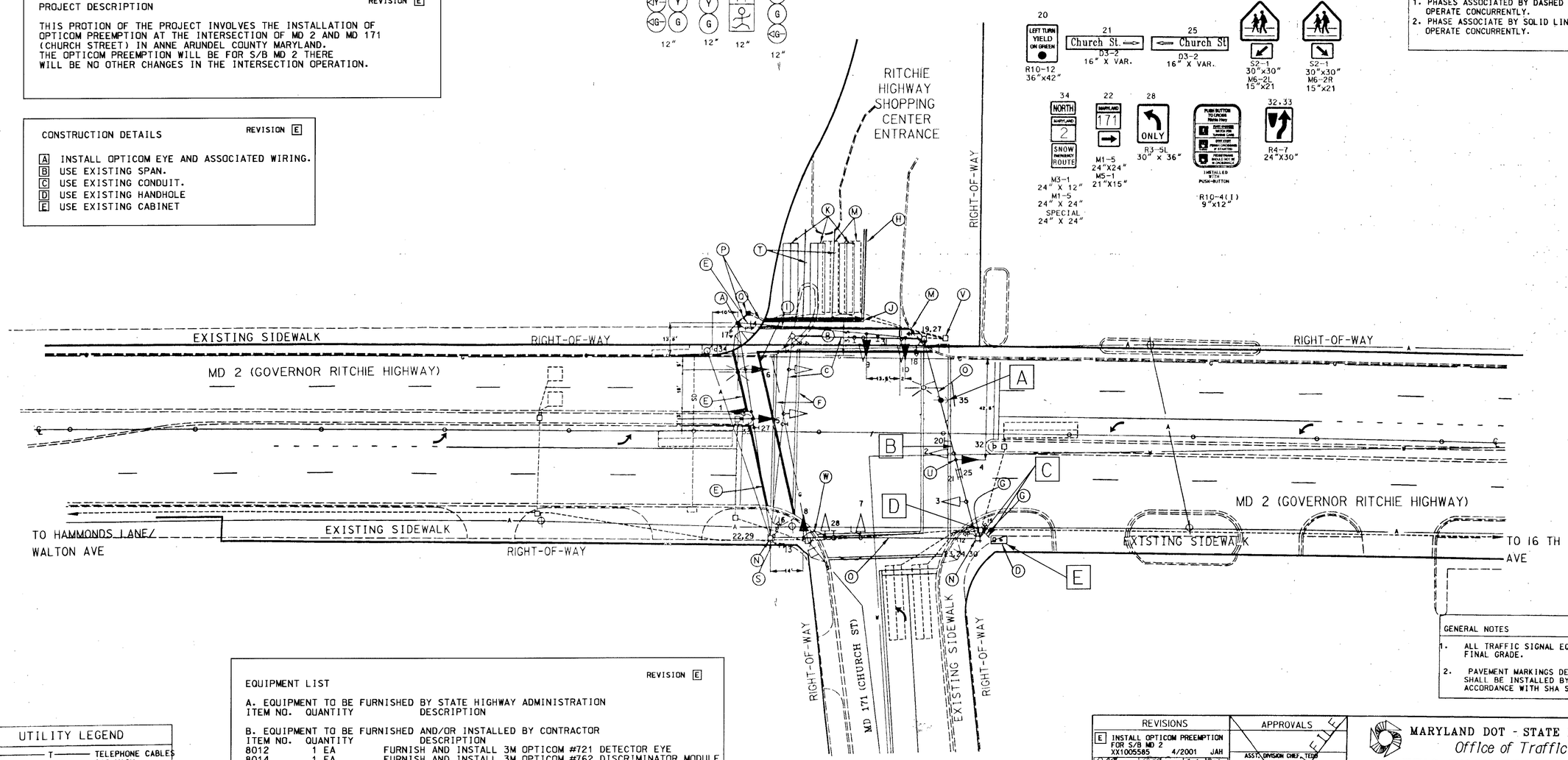
1. PHASES ASSOCIATED BY DASHED LINES WILL OPERATE CONCURRENTLY.
2. PHASE ASSOCIATE BY SOLID LINES WILL NOT OPERATE CONCURRENTLY.

PROJECT DESCRIPTION — REVISION E

THIS PROTION OF THE PROJECT INVOLVES THE INSTALLATION OF OPTICOM PREEMPTION AT THE INTERSECTION OF MD 2 AND MD 171 (CHURCH STREET) IN ANNE ARUNDEL COUNTY MARYLAND.
THE OPTICOM PREEMPTION WILL BE FOR S/B MD 2 THERE WILL BE NO OTHER CHANGES IN THE INTERSECTION OPERATION.

CONSTRUCTION DETAILS — REVISION E

- A INSTALL OPTICOM EYE AND ASSOCIATED WIRING.
- B USE EXISTING SPAN.
- C USE EXISTING CONDUIT.
- D USE EXISTING HANDHOLE
- E USE EXISTING CABINET



GENERAL NOTES

1. ALL TRAFFIC SIGNAL EQUIPMENT SHALL BE INSTALLED TO FINAL GRADE.
2. PAVEMENT MARKINGS DETAILED ARE PROPOSED AND SHALL BE INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH SHA STANDARDS.

EQUIPMENT LIST — REVISION E

A. EQUIPMENT TO BE FURNISHED BY STATE HIGHWAY ADMINISTRATION

ITEM NO.	QUANTITY	DESCRIPTION

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	120 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

UTILITY LEGEND

- T — TELEPHONE CABLES
- G — GAS MAIN
- W — WATER MAIN
- S — SEWER MAIN
- E — ELECTRIC CABLES
- A — AERIAL CABLES
- BC — BURIED CABLE
- SD — STORM DRAIN

GEOMETRIC LEGEND

- EXISTING GEOMETRICS
- PROPOSED GEOMETRICS

REVISIONS

E	INSTALL OPTICOM PREEMPTION FOR S/B MD 2 XX1005585	4/2001 JAH
D	BW996M82 MODIFICATION DUE TO GEOMETRICS IMPROVEMENTS	06/08/99
C	MODIFICATION DUE TO GEOMETRICS-INTERCONNECT ADDED SHA AA 548-501-583	9/93
B	RECUT LOOPS	12/19/90

APPROVALS

ASST. DIVISION CHIEF, TEDD

ASST. DISTRICT ENGINEER, TRAFFIC

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, OFFICE OF TRAFFIC & SAFETY

ORIGINAL ON FILE

WELLS & ASSOCIATES, LLC
TRAFFIC, TRANSPORTATION, and PARKING CONSULTANTS
Suite 600, 1420 Spring Hill Rd., McLean, Virginia 22102
Telephone: 703/917-6620 Facsimile: 703/917-0739

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
MD 2 (Governor Ritchie Highway) at MD 171 (Church Street)/ Ritchie Highway Shopping Center Entrance

LOG MILE # 02000240.60 — DATE 11/15/72

DRAWN BY: T.T. LANE (C.E.II)	F.A.P. NO.		T.S. NO.	SHEET NO.
CHECK BY: R.W. HARRIS (C.E.II)	S.H.A. NO. BW996M82		795E	03 OF 08
SCALE: 1"=20'	COUNTY Anne Arundel			