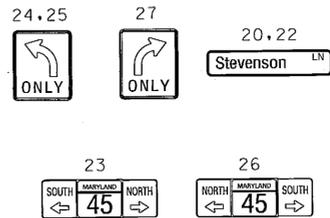




MD 45 IS ASSUMED TO RUN IN A NORTH / SOUTH DIRECTION

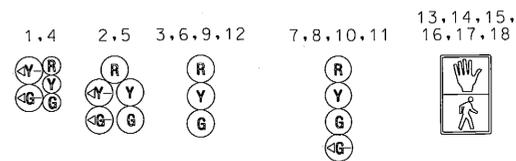
EXISTING SIGNS TO REMAIN



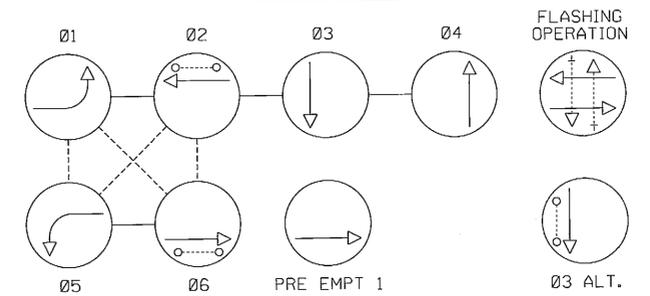
EXISTING SIGNS TO BE REMOVED



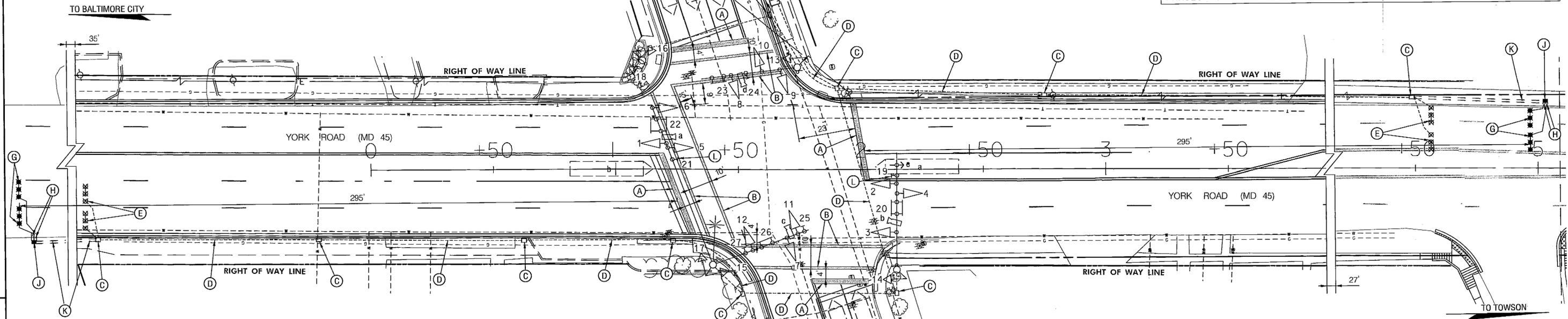
EXISTING SIGNALS



NEMA PHASING



NOTE: PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.



CONSTRUCTION DETAILS

- A. INSTALL 24 IN. WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR STOP LINE.
B. INSTALL 12 IN. WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR CROSSWALKS.
C. USE EXISTING HANDHOLE.
D. USE EXISTING CONDUIT.
E. ABANDON EXISTING MICRO-LOOP PROBE SET. DISCONNECT AND REMOVE LOOP DETECTOR CABLES FROM CONDUITS, HANDHOLES, SIGNAL STRUCTURES AND CONTROLLER.
F. USE EXISTING CABINET AND CONTROLLER.
G. INSTALL MICROLOOP PROBES WITH 1,000 FT. LEAD-IN CABLE. (TO BE PLACED IN THRU LANE ONLY).
H. INSTALL 1 IN. LIQUID-TIGHT FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT. (FOR DETECTOR WIRE SLEEVE).
I. INSTALL ELECTRICAL HANDHOLE.
J. INSTALL 3" PVC SCHEDULE 80 ELECTRICAL CONDUIT-TRENCHED.
K. REMOVE EXISTING SIGN.

PROJECT DESCRIPTION

I. GENERAL
THIS PORTION OF THE PROJECT INVOLVES THE REPLACEMENT OF THE EXISTING NORTHBOUND AND SOUTHBOUND PASSAGE DETECTION FOR MD 45 (YORK ROAD) AT THE INTERSECTION OF MD 45 (YORK ROAD) AND STEVENSON LANE. THIS PROJECT IS LOCATED IN BALTIMORE COUNTY, MARYLAND. MD 45 (YORK ROAD) IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

INTERSECTION OPERATION

THE INTERSECTION OPERATION WILL REMAIN THE SAME.

EQUIPMENT LIST

A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION

Table with columns: CATEGORY CODE NO., DESCRIPTION, UNITS, QUANTITY. Includes entries for equipment to be supplied by the administration.

B. EQUIPMENT TO BE FURNISHED BY THE CONTRACTOR

Table with columns: CATEGORY CODE NO., DESCRIPTION, UNITS, QUANTITY. Includes entries for equipment to be furnished by the contractor.

C. EQUIPMENT TO BE REMOVED BY THE CONTRACTOR AND DELIVERED TO THE STATE HIGHWAY ADMINISTRATION.

7491 CONNELLEY DRIVE, HANOVER, MD 21076
ALL REMOVED SIGNAL MATERIALS ARE TO BECOME THE PROPERTY OF THE CONTRACTOR.

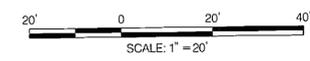
GENERAL NOTES

- 1. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE PROJECT.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLES TO THE APPROPRIATE TERMINALS AND PROPERLY LABELING EACH CABLE.
3. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
4. FOR FINAL PAVEMENT MARKINGS AND PROPOSED SIGNAGE, OTHER THAN THOSE DETAILED ON THE PLAN, REFER TO THE CONTRACT DOCUMENTS. ALL PAVEMENT MARKINGS AND PROPOSED SIGNAGE SHALL BE INSTALLED IN ACCORDANCE WITH MSHA STANDARDS.

PROJECT CONTACTS

THE FOLLOWING CONTACT PERSONS FOR THIS PROJECT ARE AS FOLLOWS:
MS. ERIN KUHN
ASSISTANT DISTRICT ENGINEER, TRAFFIC
410-229-2381
MR. DONALD SCHAFFER
ASSISTANT DISTRICT ENGINEER, CONSTRUCTION
410-229-2421
MR. ANDRE FUTRELL
ASSISTANT DISTRICT ENGINEER, MAINTENANCE
410-229-2361
MR. ROBERT SNYDER
ASSISTANT CHIEF, TRAFFIC OPERATIONS DIVISION
410-787-7631

MR. MICHAEL PASQUARELLO
DISTRICT UTILITY ENGINEER
410-229-2341
MR. RICHARD DAFF SR.
CHIEF, TRAFFIC OPERATIONS DIVISION
410-787-7630
MR. EDWARD RODENHIZER
SUPERVISOR, SIGNAL OPERATIONS
410-787-7652



PREPARED BY
URS
HUNT VALLEY, MARYLAND

APPROVALS table with columns for TEAM LEADER, ASST. DIV. CHIEF, DIVISION CHIEF, OFFICE DIRECTOR. Includes a large 'ORIGINAL ON FILE' stamp.

REVISIONS table with columns for REVISIONS, DATE, and CONTRACT NO. Includes revision details for microloop probes and opticom installation.

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 45 (YORK RD)
AND STEVENSON LN
TOWSON, MARYLAND

TRAFFIC SIGNAL PLAN

Table with columns: SCALE, DATE, CONTRACT NO., DESIGNED BY, DRAWN BY, CHECKED BY, F.A.P. NO., TS NO., DRAWING NO., SHEET NO.