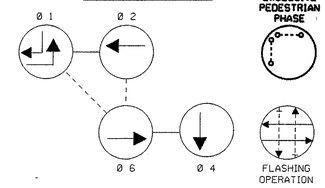
MD 261 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

EXISTING SIGNAL HEADS TO REMAIN

PROPOSED SIGNAL HEADS

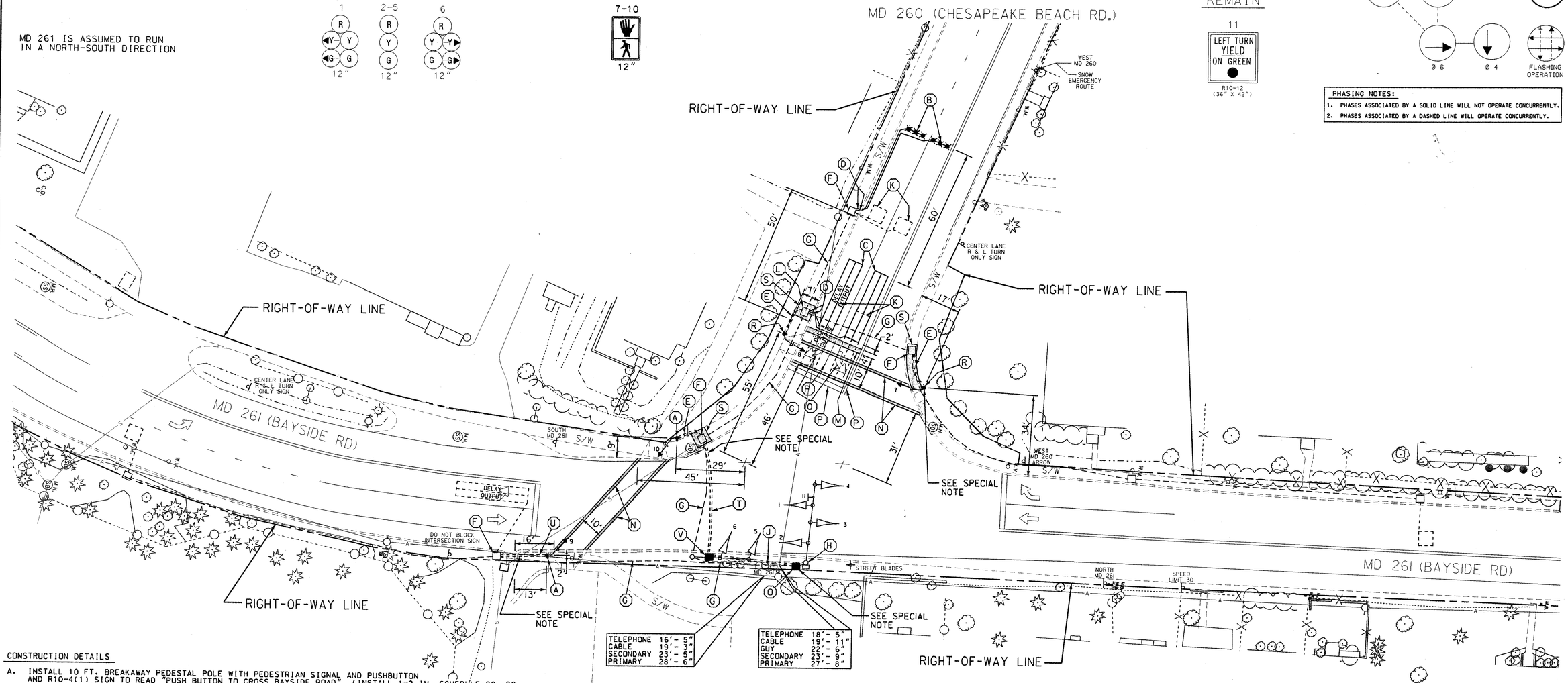
EXISTING SIGN TO REMAIN

NEMA PHASING



PHASING NOTES:

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



CONSTRUCTION DETAILS

A. INSTALL 10 FT. BREAKAWAY PEDESTAL POLE WITH PEDESTRIAN SIGNAL AND PUSHBUTTON AND R10-4(1) SIGN TO READ "PUSH BUTTON TO CROSS BAYSIDE ROAD". (INSTALL 1-2 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE ELECTRICAL CONDUIT BEND IN PEDESTAL BASE).
B. INSTALL MICROLOOP PROBE SET WITH 500 FT. LEAD-IN.
C. INSTALL 6 FT. x 30 FT. (3-6-3 WINDING) QUADRUPOLE TYPE LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING.
D. INSTALL 1 IN. LIQUID-TIGHT FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE).
E. INSTALL 2 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
F. USE EXISTING HANDHOLE.
G. USE EXISTING CONDUIT.
H. USE EXISTING STEEL POLE AND POLE MOUNTED CABINET AND CONTROLLER.
J. INSTALL 2 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT (CONTRACTOR SHALL HAND EXCAVATE TRENCH TO ELIMINATE CONFLICT WITH EXISTING, SIGNAL, LIGHTING, AND SPRINKLER CONDUITS).
K. ABANDON EXISTING LOOP DETECTOR.
L. USE EXISTING HANDHOLE. SPLICE EXISTING 2-CONDUCTOR (NO. 14 A.W.G.) ALUMINUM SHIELDED ELECTRICAL CABLE TO NEW LOOP WIRE (NO. 14 A.W.G.) USING SPLICE KITS.
M. INSTALL 24 IN. WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING (STOP LINE).
N. INSTALL 12 IN. WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING (CROSSWALK).
O. DISCONNECT AND PULL BACK EXISTING 2-CONDUCTOR (ALUMINUM SHIELDED) ELECTRICAL CABLES TO EXISTING HANDHOLE TO THE SOUTH. CUT AND REMOVE APPROXIMATELY 3 FT. LENGTH OF EXISTING CONDUIT AND INSTALL HANDHOLE. INSTALL AND COUPLE 1 FT. +/- SECTION OF 2 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT TO EXISTING CONDUIT LEADING TO POLE FOUNDATION LEAVING 6 IN. PROTRUDING INSIDE HANDHOLE. RE-FEED EXISTING ELECTRICAL CABLES TO EXISTING POLE MOUNTED CABINET.
P. REMOVE EXISTING PAVEMENT MARKINGS BEYOND STOP LINE.
Q. REMOVE EXISTING PAVEMENT MARKING ARROWS.
R. INSTALL 10 FT. BREAKAWAY PEDESTAL POLE WITH PEDESTRIAN SIGNAL AND PUSHBUTTON AND R10-4(1) SIGN TO READ "PUSH BUTTON TO CROSS CHESAPEAKE BEACH ROAD". (INSTALL 1-2 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE ELECTRICAL CONDUIT BEND IN PEDESTAL BASE).
S. REMOVE EXISTING SIDEWALK. INSTALL CONDUIT AND REPLACE 4 IN. CONCRETE SIDEWALK.
T. INSTALL 4 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT (SLOTTED).
U. INSTALL 2 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT (BORED).
V. INSTALL HANDHOLE.

GENERAL NOTES

1. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO THE CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
2. INSTALL CONDUIT AND LOOP DETECTORS PRIOR TO THE INSTALLATION OF PAVEMENT MARKINGS.
3. THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO EXISTING SIDEWALKS CAUSED BY THE INSTALLATION OF SIGNAL EQUIPMENT.

SPECIAL NOTE:

1. CONTRACTOR SHALL USE CAUTION WHEN INSTALLING SIGNAL EQUIPMENT TO AVOID DISTURBANCE OF EXISTING UNDERGROUND UTILITIES. CONTRACTOR SHALL TEST PIT TO DETERMINE EXACT LOCATION AND DEPTH OF UNDERGROUND UTILITIES PRIOR TO INSTALLING SIGNAL EQUIPMENT.

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	A
ELECTRICAL	E
TELEPHONE	T
GAS	G
SEWER	SS
STORM DRAIN	SD
WATER	W
CABLE TV	TV

WR&A
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(410) 235-3450

REVISIONS

D	INSTALL PEDESTRIAN SIGNALS, PUSHBUTTONS AND CROSSWALKS, CONT. # XX0695485	5/02
C	ADDED E/P'S FOR NB MD 261 AND RT TURN OVERLAP FOR EB MD 260	11/96

APPROVALS

ORIGINAL ON FILE

TEAM LEADER - TRAFFIC ENGINEERING DESIGN DIVISION
ASST. TRAFFIC ENGINEERING DESIGN DIVISION
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, TRAFFIC & SAFETY

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

TRAFFIC SIGNALIZATION PLAN

MD 260 (Chesapeake Beach Rd.) and MD 261 (Bayside Rd.)

DRAWN BY:	J. SPENCE	F.A.P. NO.		TS NO. TS-12D	SHEET NO.
CHECKED BY:		S.H.A. NO.	C 279X-575		
SCALE:	1" = 20'	COUNTY:	CALVERT	T.I.M.S. NO. F047	1 OF 2
DATE:	5/31/02	LOG MILE:	0426I006.07		