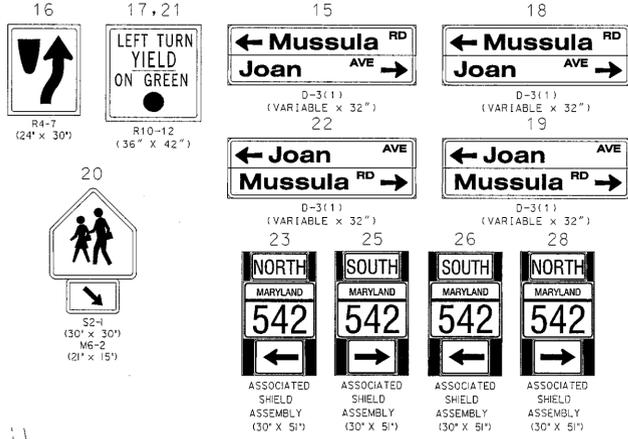
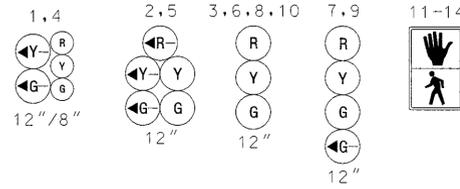


MD 542 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

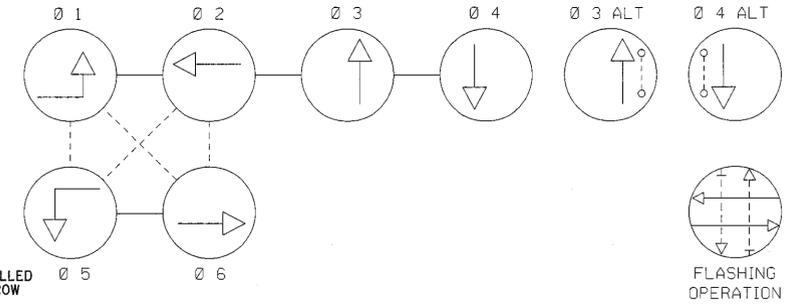
EXISTING SIGNS



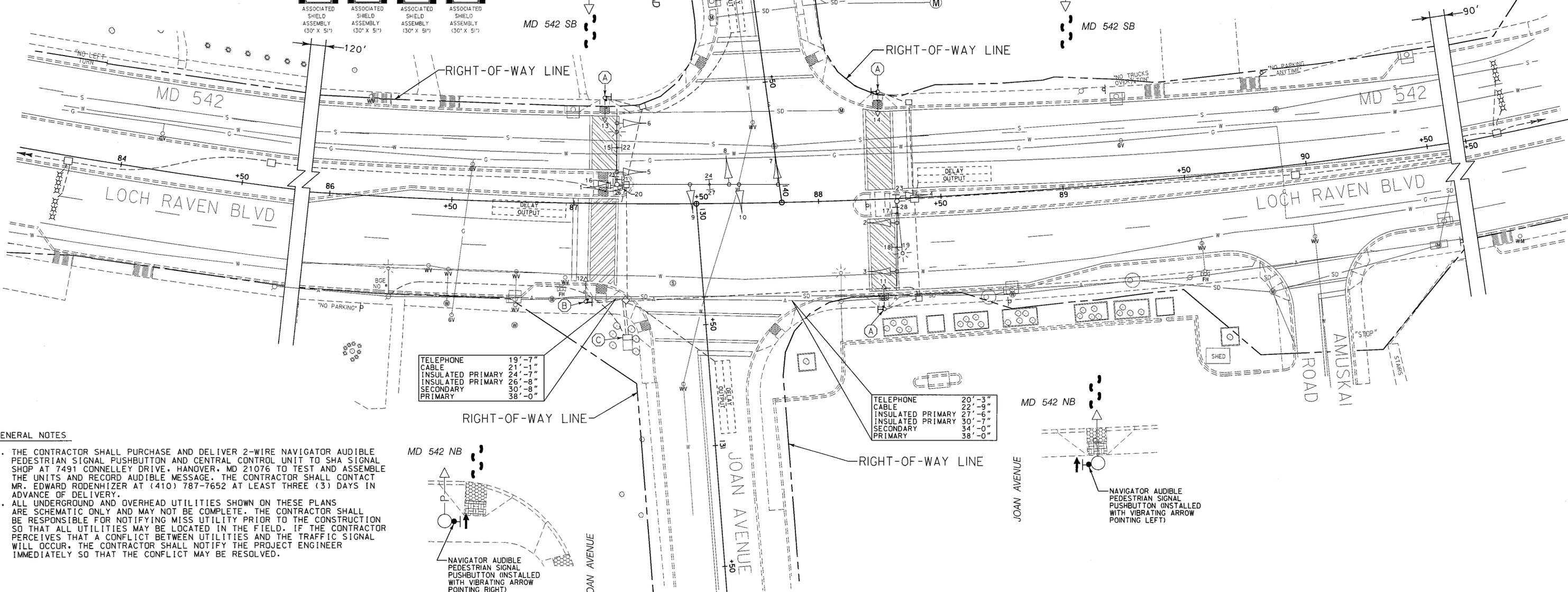
EXISTING SIGNAL HEADS



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.



GENERAL NOTES

1. THE CONTRACTOR SHALL PURCHASE AND DELIVER 2-WIRE NAVIGATOR AUDIBLE PEDESTRIAN SIGNAL PUSHBUTTON AND CENTRAL CONTROL UNIT TO SHA SIGNAL SHOP AT 7491 CONNELLEY DRIVE, HANOVER, MD 21076 TO TEST AND ASSEMBLE THE UNITS AND RECORD AUDIBLE MESSAGE. THE CONTRACTOR SHALL CONTACT MR. EDWARD RODENHIZER AT (410) 787-7652 AT LEAST THREE (3) DAYS IN ADVANCE OF DELIVERY.
2. 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.

CONSTRUCTION DETAILS

- A. USE EXISTING STEEL POLE AND INSTALL 2-WIRE NAVIGATOR AUDIBLE PEDESTRIAN SIGNAL PUSHBUTTON WITH 9 IN. x 12 IN. SIGN SIZE, BLACK FACE PLATE OPTION 'A' AND BRAILLE TEXT. A NEW 1/2 IN. HOLE SHALL BE DRILLED INTO THE PEDESTAL POLE FOR THE WIRING. DISCONNECT EXISTING PUSHBUTTON ELECTRICAL CABLE. REMOVE EXISTING PEDESTRIAN PUSHBUTTON (COVER EXISTING DRILLED HOLE FOR WIRING) AND CONNECT ELECTRICAL CABLE TO NEW AUDIBLE PEDESTRIAN SIGNAL PUSHBUTTON.
- B. USE EXISTING STEEL POLE AND INSTALL 2-WIRE NAVIGATOR AUDIBLE PEDESTRIAN SIGNAL PUSHBUTTON WITH 9 IN. x 12 IN. SIGN SIZE, BLACK FACE PLATE OPTION 'A' AND BRAILLE TEXT. DISCONNECT EXISTING PUSHBUTTON ELECTRICAL CABLE. REMOVE EXISTING PEDESTRIAN PUSHBUTTON AND CONNECT ELECTRICAL CABLE TO NEW AUDIBLE PEDESTRIAN SIGNAL PUSHBUTTON.
- C. USE EXISTING BASE MOUNTED CABINET AND CONTROLLER. INSTALL CENTRAL CONTROL UNIT.

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
 Whitman, Reardon
 and Associates, LLP
 801 South Caroline Street
 Baltimore, Maryland 21231
 (410) 235-3450

REVISIONS	APPROVALS
(D) INSTALL AUDIBLE PEDESTRIAN PUSHBUTTONS CONTRACT NO. AT 3575/85 5/19/04 SRB NML	ORIGINAL ON FILE TEAM LEADER - TRAFFIC ENGINEERING DESIGN DIVISION ASST. TRAFFIC ENGINEERING DESIGN DIVISION CHIEF TRAFFIC ENGINEERING DESIGN DIVISION DIRECTOR, TRAFFIC & SAFETY
(B) RECONSTRUCT TRAFFIC SIGNAL DUE TO GEOMETRIC IMPROVEMENTS CONTRACT NO. BA3225/83 03/00 SRB NML	
(A) REVISED DETECTION 03/86 BT	

SHA# BA44658/858 TOP# A1287-32

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
 Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNALIZATION PLAN
MD 542 (LOCH RAVEN BLVD.)
AND JOAN AVE./MUSSULA ROAD

DRAWN BY: BRUCE THOMPSON	F.A.P. NO.	TS NO.
CHECKED BY: DENNIS DODA	S.H.A. NO. B 785-501-485	TS-2014D
SCALE: 1" = 20'	COUNTY: BALTIMORE	T.I.M.S. NO. F996X
DATE: 9-26-84	LOG MILE:	SHEET NO. 1 OF 3