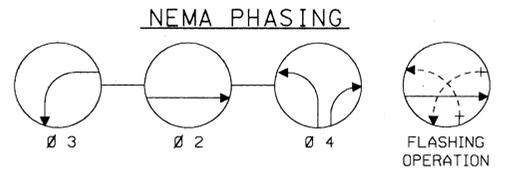
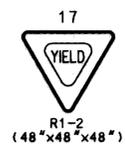
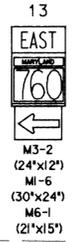
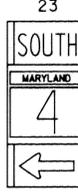
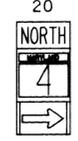
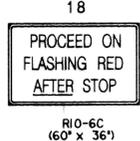
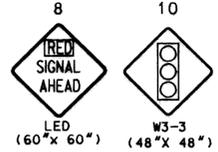
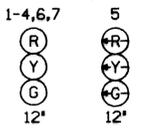


F.H.W.A. REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD			

**SIGNS**

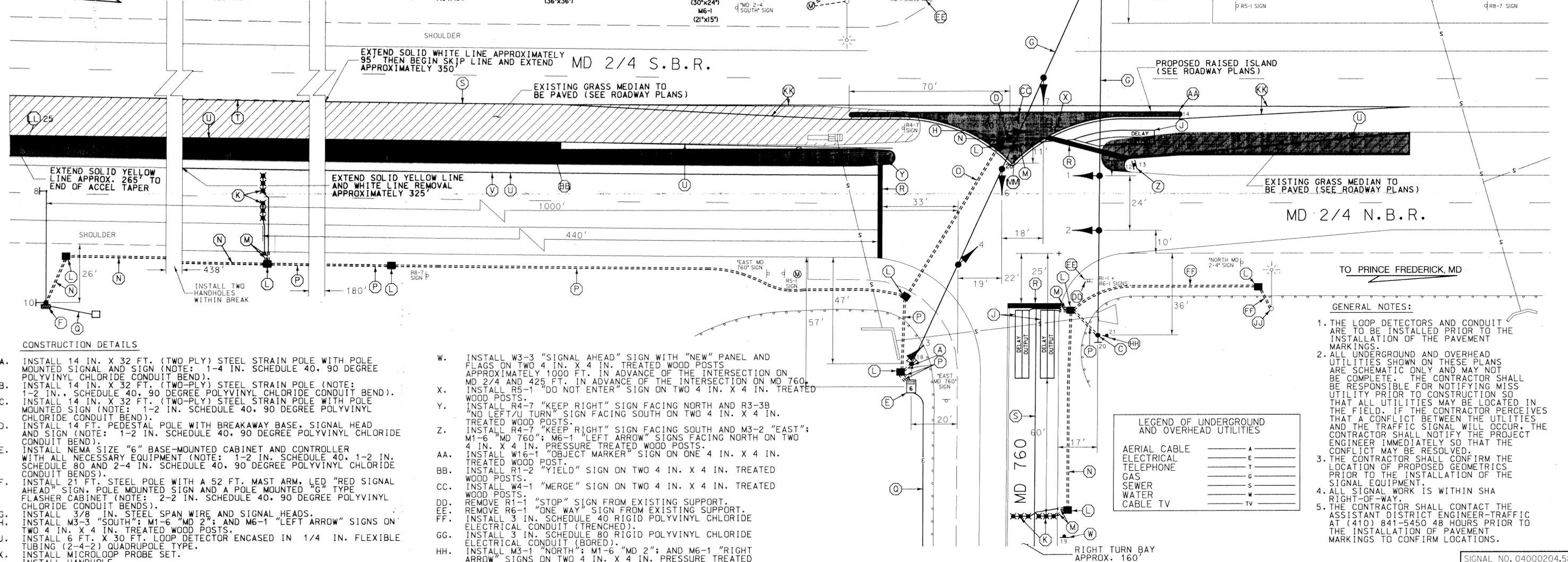
**SIGNAL HEADS**



**PHASING NOTES:**  
 1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.  
 2. PHASES ASSOCIATED BY A DASHED LINE MAY/WILL OPERATE CONCURRENTLY.

MD 2/4 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

TO SOLOMONS, MD



**CONSTRUCTION DETAILS**

- A. INSTALL 14 IN. X 32 FT. (TWO PLY) STEEL STRAIN POLE WITH POLE MOUNTED SIGNAL AND SIGN (NOTE: 1-4 IN. SCHEDULE 40, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BEND).
- B. INSTALL 14 IN. X 32 FT. (TWO-PLY) STEEL STRAIN POLE (NOTE: 1-2 IN. SCHEDULE 40, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BEND).
- C. INSTALL 14 IN. X 32 FT. (TWO-PLY) STEEL STRAIN POLE WITH POLE MOUNTED SIGN (NOTE: 1-2 IN. SCHEDULE 40, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BEND).
- D. INSTALL 14 FT. PEDESTAL POLE WITH BREAKAWAY BASE, SIGNAL HEAD AND SIGN (NOTE: 1-2 IN. SCHEDULE 40, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BEND).
- E. INSTALL NEMA SIZE "6" BASE-MOUNTED CABINET AND CONTROLLER WITH ALL NECESSARY EQUIPMENT (NOTE: 1-2 IN. SCHEDULE 40, 1-2 IN. SCHEDULE 80 AND 2-4 IN. SCHEDULE 40, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BENDS).
- F. INSTALL 21 FT. STEEL POLE WITH A 52 FT. MAST ARM, LED "RED SIGNAL AHEAD" SIGN, POLE MOUNTED SIGN AND A POLE MOUNTED "G" TYPE FLASHER CABINET (NOTE: 2-2 IN. SCHEDULE 40, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BENDS).
- G. INSTALL 3/8 IN. STEEL SPAN WIRE AND SIGNAL HEADS.
- H. INSTALL M3-3 "SOUTH"; M1-6 "MD 2"; AND M6-1 "LEFT ARROW" SIGNS ON TWO 4 IN. X 4 IN. TREATED WOOD POSTS.
- J. INSTALL 6 FT. X 30 FT. LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING (2-4-2) QUADRUPOLE TYPE.
- K. INSTALL MICROLOOP PROBE SET.
- L. INSTALL HANDHOLE.
- M. INSTALL 1 IN. LIQUID-TIGHT FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE).
- N. INSTALL 2 IN. SCHEDULE 40 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
- O. INSTALL 2 IN. SCHEDULE 80 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (BORED).
- P. INSTALL 4 IN. SCHEDULE 40 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
- Q. PROPOSED UNDERGROUND ELECTRICAL SERVICE.
- R. INSTALL 24 IN. WHITE PERMANENT PREFORMED PAVEMENT MARKING TAPE (STOPLINE).
- S. INSTALL 5 IN. SOLID WHITE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS.
- T. INSTALL 5 IN. SKIP (2 FT. LINE - 6 FT. GAP) WHITE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS.
- U. INSTALL 5 IN. SOLID YELLOW REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS.
- V. REMOVE EXISTING PAVEMENT MARKINGS.

- W. INSTALL W3-3 "SIGNAL AHEAD" SIGN WITH "NEW" PANEL AND FLAGS ON TWO 4 IN. X 4 IN. TREATED WOOD POSTS APPROXIMATELY 1000 FT. IN ADVANCE OF THE INTERSECTION ON MD 2/4 AND 425 FT. IN ADVANCE OF THE INTERSECTION ON MD 760.
- X. INSTALL R5-1 "DO NOT ENTER" SIGN ON TWO 4 IN. X 4 IN. TREATED WOOD POSTS.
- Y. INSTALL R4-7 "KEEP RIGHT" SIGN FACING NORTH AND R3-3B "NO LEFT/UTURN" SIGN FACING SOUTH ON TWO 4 IN. X 4 IN. TREATED WOOD POSTS.
- Z. INSTALL R4-7 "KEEP RIGHT" SIGN FACING SOUTH AND M3-2 "EAST"; M1-6 "MD 760"; M6-1 "LEFT ARROW" SIGNS FACING NORTH ON TWO 4 IN. X 4 IN. PRESSURE TREATED WOOD POSTS.
- AA. INSTALL W16-1 "OBJECT MARKER" SIGN ON ONE 4 IN. X 4 IN. TREATED WOOD POST.
- BB. INSTALL R1-2 "YIELD" SIGN ON TWO 4 IN. X 4 IN. TREATED WOOD POSTS.
- CC. INSTALL W4-1 "MERGE" SIGN ON TWO 4 IN. X 4 IN. TREATED WOOD POSTS.
- DD. REMOVE R1-1 "STOP" SIGN FROM EXISTING SUPPORT.
- EE. REMOVE R6-1 "ONE WAY" SIGN FROM EXISTING SUPPORT.
- FF. INSTALL 3 IN. SCHEDULE 40 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
- GG. INSTALL 3 IN. SCHEDULE 80 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (BORED).
- HH. INSTALL M3-1 "NORTH"; M1-6 "MD 2"; AND M6-1 "RIGHT ARROW" SIGNS ON TWO 4 IN. X 4 IN. TREATED WOOD POSTS.
- JJ. INSTALL 3 IN. SCHEDULE 40 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT BEND IN EXISTING STREET LIGHTING FOUNDATION.
- KK. INSTALL 8 IN. SOLID WHITE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS.
- LL. INSTALL W9-2A AND W9-2B SIGNS ON TWO 4 IN. X 4 IN. TREATED WOOD POSTS AT THE BEGINNING OF THE ACCEL TAPER.
- MM. INSTALL R4-7B SIGN ON TWO 4 IN. X 4 IN. TREATED WOOD POSTS

**LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES**

AERIAL CABLE	—	A
ELECTRICAL	—	E
TELEPHONE	—	T
GAS	—	G
SEWER	—	S
WATER	—	W
CABLE TV	—	TV

- GENERAL NOTES:**
1. THE LOOP DETECTORS AND CONDUIT ARE TO BE INSTALLED PRIOR TO THE INSTALLATION OF THE PAVEMENT MARKINGS.
  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 CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN THE UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
  3. THE CONTRACTOR SHALL CONFIRM THE LOCATION OF PROPOSED GEOMETRICS PRIOR TO THE INSTALLATION OF THE SIGNAL EQUIPMENT.
  4. ALL SIGNAL WORK IS WITHIN SHA RIGHT-OF-WAY.
  5. THE CONTRACTOR SHALL CONTACT THE ASSISTANT DISTRICT ENGINEER-TRAFFIC AT (410) 841-5450 48 HOURS PRIOR TO THE INSTALLATION OF PAVEMENT MARKINGS TO CONFIRM LOCATIONS.

**WR&A**  
 Whitman, Reardon & Associates  
 ENGINEERS AND PLANNERS  
 2315 Saint Paul Street  
 Baltimore, Maryland 21218  
 (410) 235-3450

REVISIONS	APPROVALS	REVISIONS
	<i>[Signature]</i> CHIEF, SIGNAL DESIGN SECTION	
	ASST. DISTRICT ENGINEER, TRAFFIC	
	<i>[Signature]</i> 11/14/95 CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION	
	DIRECTOR, OFFICE OF TRAFFIC & SAFETY	

**MARYLAND DOT - STATE HIGHWAY ADMINISTRATION**  
 Office of Traffic & Safety  
 TRAFFIC ENGINEERING DESIGN DIVISION  
 TRAFFIC SIGNALIZATION PLAN  
 MD 2/4 AND MD 760

DATE: 11-7-95	DRAWN BY: S. BLOSS	F.A.P. NO.	PLAN SHEET NO.:	SHEET NO.
SCALE: 1"=20'	DESIGNED BY: T. ZAYDEL	S.H.A. NO.	15-3529	OF
APPROVED BY: <i>[Signature]</i>	CHECKED BY: T. HANNAN	COUNTY: CALVERT		