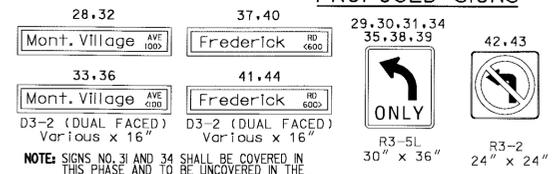


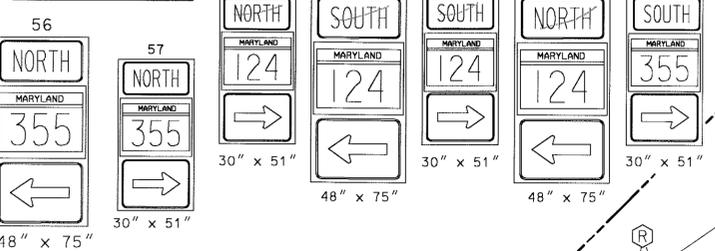
MD 355 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

PROPOSED SIGNS



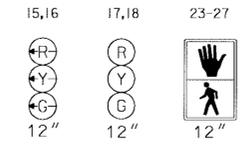
NOTE: SIGNS NO. 31 AND 34 SHALL BE COVERED IN THIS PHASE AND TO BE UNCOVERED IN THE ULTIMATE PHASE. THE CONTRACTOR HAS THE OPTION OF INSTALLING SIGNS NO. 31 AND 34 IN ULTIMATE PHASE (INSTEAD OF THIS PHASE).

EXISTING SIGNS

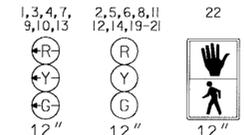


NOTE: SIGNS 45-50 REFER TO PEDESTRIAN PUSH BUTTONS AS SHOWN ON THE PLAN.

EXISTING SIGNALS

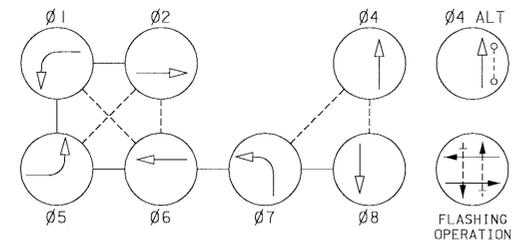


PROPOSED SIGNALS

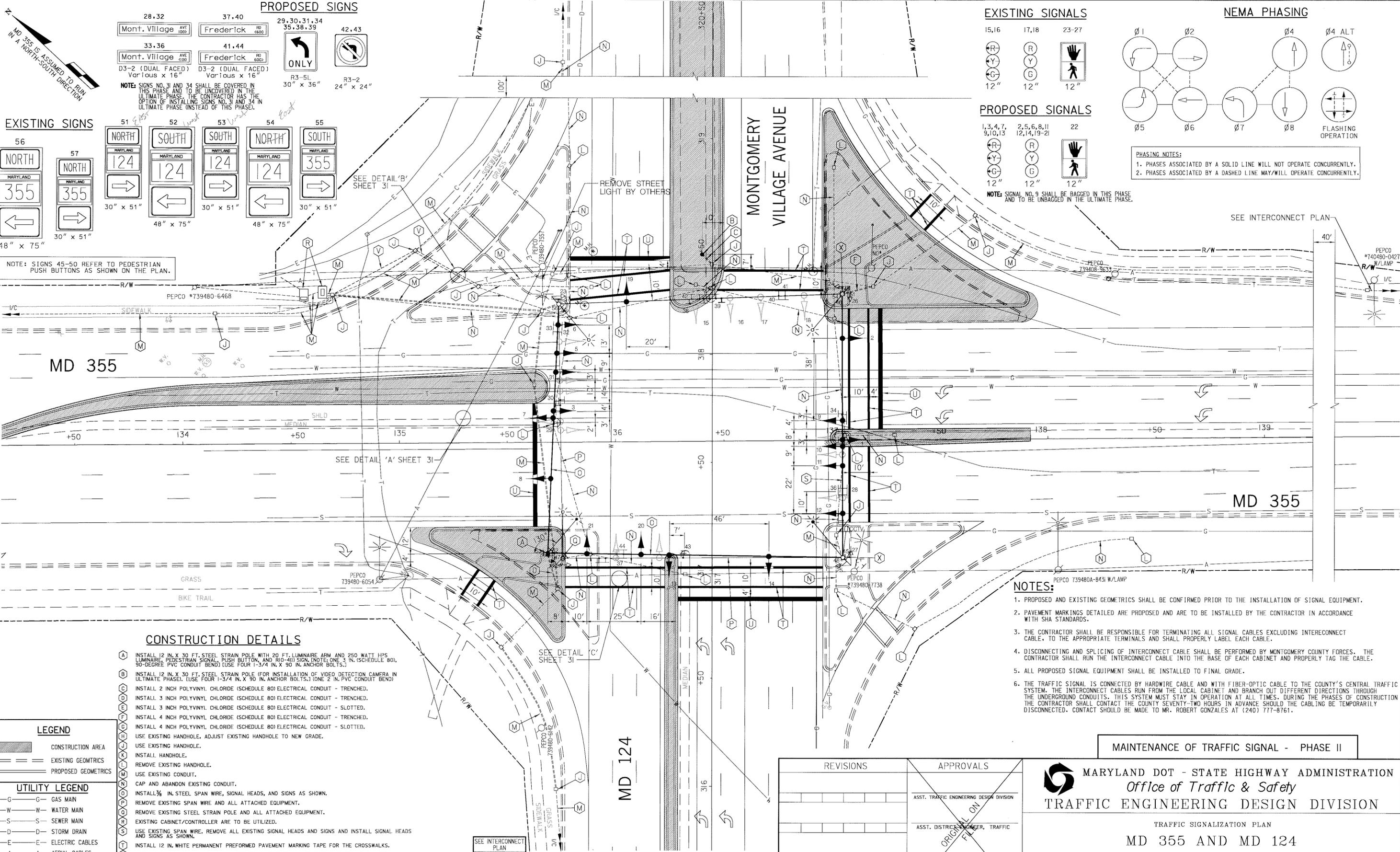


NOTE: SIGNAL NO. 9 SHALL BE BAGGED IN THIS PHASE AND TO BE UNBAGGED IN THE ULTIMATE PHASE.

NEMA PHASING



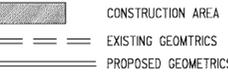
PHASING NOTES:
 1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
 2. PHASES ASSOCIATED BY A DASHED LINE MAY/WILL OPERATE CONCURRENTLY.



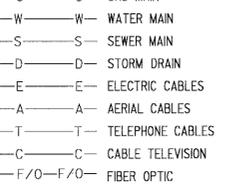
CONSTRUCTION DETAILS

- (A) INSTALL 12 IN. X 30 FT. STEEL STRAIN POLE WITH 20 FT. LUMINAIRE ARM AND 250 WATT HPS LUMINAIRE, PEDESTRIAN SIGNAL, PUSH BUTTON, AND R10-40 SIGN, (NOTE: ONE 3 IN. (SCHEDULE 80), 90-DEGREE PVC CONDUIT BEND) [USE FOUR 1-3/4 IN. X 90 IN. ANCHOR BOLTS.]
- (B) INSTALL 12 IN. X 30 FT. STEEL STRAIN POLE (FOR INSTALLATION OF VIDEO DETECTION CAMERA IN ULTIMATE PHASE). [USE FOUR 1-3/4 IN. X 90 IN. ANCHOR BOLTS.] [ONE 2 IN. PVC CONDUIT BEND]
- (C) INSTALL 2 INCH POLYVINYL CHLORIDE (SCHEDULE 80) ELECTRICAL CONDUIT - TRENCHED.
- (D) INSTALL 3 INCH POLYVINYL CHLORIDE (SCHEDULE 80) ELECTRICAL CONDUIT - TRENCHED.
- (E) INSTALL 3 INCH POLYVINYL CHLORIDE (SCHEDULE 80) ELECTRICAL CONDUIT - SLOTTED.
- (F) INSTALL 4 INCH POLYVINYL CHLORIDE (SCHEDULE 80) ELECTRICAL CONDUIT - TRENCHED.
- (G) INSTALL 4 INCH POLYVINYL CHLORIDE (SCHEDULE 80) ELECTRICAL CONDUIT - SLOTTED.
- (H) USE EXISTING HANDHOLE. ADJUST EXISTING HANDHOLE TO NEW GRADE.
- (I) USE EXISTING HANDHOLE.
- (J) INSTALL HANDHOLE.
- (K) REMOVE EXISTING HANDHOLE.
- (L) USE EXISTING CONDUIT.
- (M) CAP AND ABANDON EXISTING CONDUIT.
- (N) INSTALL 3/8 IN. STEEL SPAN WIRE, SIGNAL HEADS, AND SIGNS AS SHOWN.
- (O) REMOVE EXISTING SPAN WIRE AND ALL ATTACHED EQUIPMENT.
- (P) REMOVE EXISTING STEEL STRAIN POLE AND ALL ATTACHED EQUIPMENT.
- (Q) EXISTING CABINET/CONTROLLER ARE TO BE UTILIZED.
- (R) USE EXISTING SPAN WIRE. REMOVE ALL EXISTING SIGNAL HEADS AND SIGNS AND INSTALL SIGNAL HEADS AND SIGNS AS SHOWN.
- (S) INSTALL 12 IN. WHITE PERMANENT PREFORMED PAVEMENT MARKING TAPE FOR THE CROSSWALKS.
- (T) INSTALL 24 IN. WHITE PERMANENT PREFORMED PAVEMENT MARKING TAPE FOR THE STOP LINES.
- (U) CAP AND ABANDON EXISTING (PRE-EXISTED BEFORE PHASE I) CONDUIT.
- (V) USE STEEL STRAIN POLE.
- (W) USE EXISTING STRAIN POLE. INSTALL PEDESTRIAN PUSH BUTTON AND R10-40 SIGN.
- (X) INSTALL 20 FT. LUMINAIRE ARM AND 250 WATT HPS LUMINAIRE.

LEGEND



UTILITY LEGEND



NOTES:

1. PROPOSED AND EXISTING GEOMETRICS SHALL BE CONFIRMED PRIOR TO THE INSTALLATION OF SIGNAL EQUIPMENT.
2. PAVEMENT MARKINGS DETAILED ARE PROPOSED AND ARE TO BE INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH SHA STANDARDS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLES EXCLUDING INTERCONNECT CABLE, TO THE APPROPRIATE TERMINALS AND SHALL PROPERLY LABEL EACH CABLE.
4. DISCONNECTING AND SPLICING OF INTERCONNECT CABLE SHALL BE PERFORMED BY MONTGOMERY COUNTY FORCES. THE CONTRACTOR SHALL RUN THE INTERCONNECT CABLE INTO THE BASE OF EACH CABINET AND PROPERLY TAG THE CABLE.
5. ALL PROPOSED SIGNAL EQUIPMENT SHALL BE INSTALLED TO FINAL GRADE.
6. THE TRAFFIC SIGNAL IS CONNECTED BY HARDWARE CABLE AND WITH FIBER-OPTIC CABLE TO THE COUNTY'S CENTRAL TRAFFIC SIGNAL SYSTEM. THE INTERCONNECT CABLES RUN FROM THE LOCAL CABINET AND BRANCH OUT IN DIFFERENT DIRECTIONS THROUGH THE UNDERGROUND CONDUITS. THIS SYSTEM MUST STAY IN OPERATION AT ALL TIMES. DURING THE PHASES OF CONSTRUCTION THE CONTRACTOR SHALL CONTACT THE COUNTY SEVENTY-TWO HOURS IN ADVANCE SHOULD THE CABLING BE TEMPORARILY DISCONNECTED. CONTACT SHOULD BE MADE TO MR. ROBERT GONZALES AT (240) 777-8761.

MAINTENANCE OF TRAFFIC SIGNAL - PHASE II

REVISIONS	APPROVALS
	ASST. TRAFFIC ENGINEERING DESIGN DIVISION
	ASST. DISTRICT ENGINEER, TRAFFIC
	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 355 AND MD 124

DRAWN BY: M. MEARS	F.A.P. NO. _____	TS NO. _____	SHEET NO. _____
CHECKED BY: D. DODA	S.H.A. NO. _____	28E	32 OF 56
SCALE: 1" = 20'	COUNTY: MONTGOMERY	T.I.M.S. NO. _____	
DATE: _____	LOG MILE: 15035515.55	D124	

PREPARED BY
URS Greiner Woodward Clyde
 HUNT VALLEY, MARYLAND

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