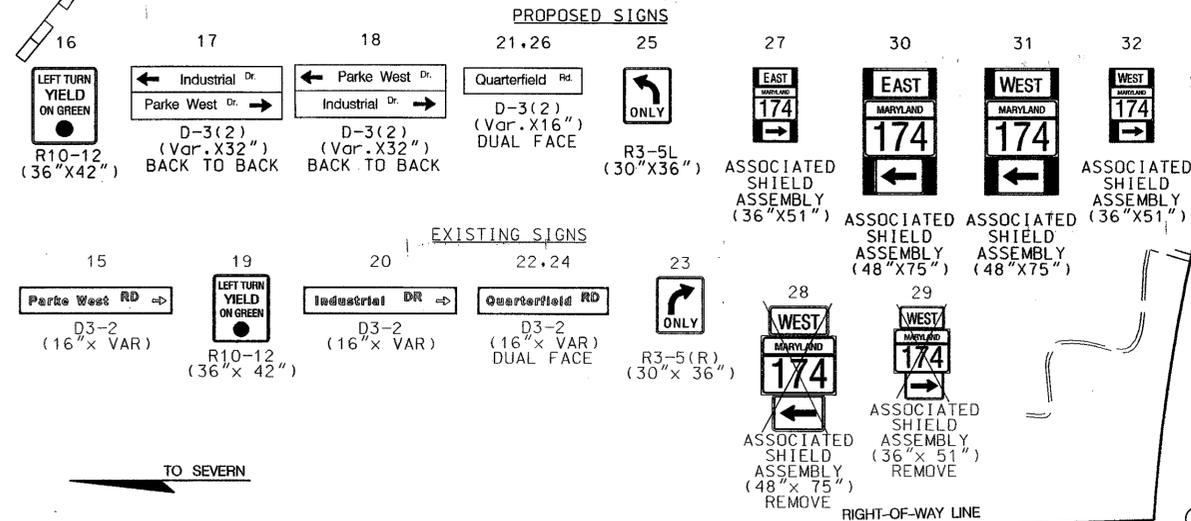
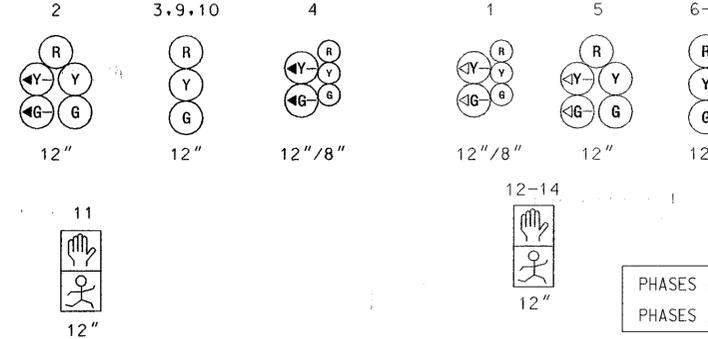


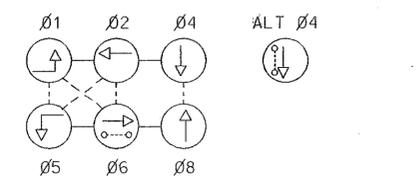
MD 174 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION



PROPOSED SIGNALS

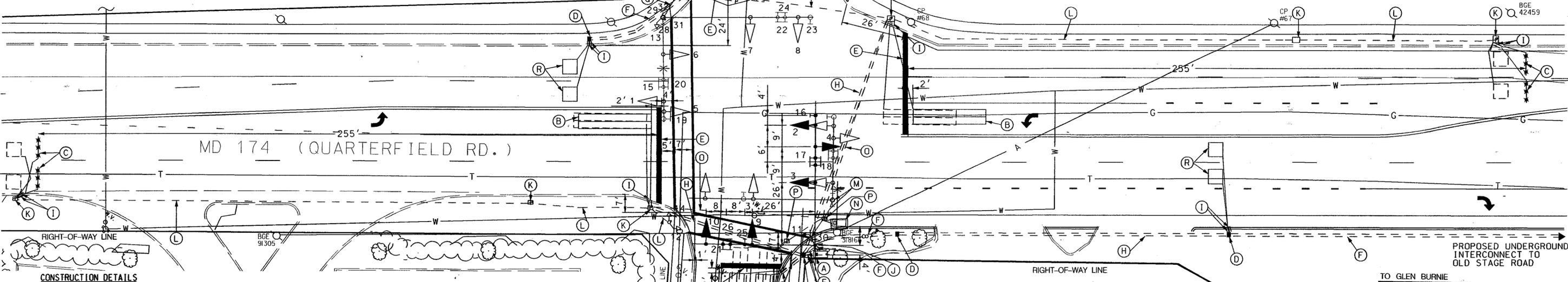


NEMA PHASING



PHASING NOTES:

PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY  
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY



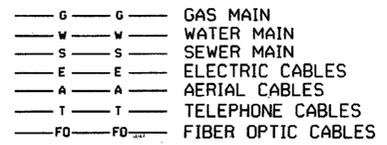
CONSTRUCTION DETAILS

- (A) INSTALL NEW NEMA SIZE "6" BASE-MOUNTED CABINET, CONTROLLER AND MASTER CONTROLLER WITH ALL NECESSARY EQUIPMENT AS SHOWN. (NOTE: 1-2" PVC SCHED. 80 BEND, 1-3" PVC SCHED. 80 BEND, AND 2-4" PVC SCHED. 80 BENDS.)
- (B) INSTALL 6' X 30' LOOP DETECTOR ENCASED IN FLEXIBLE TUBING QUADRUPLE TYPE (3-6-3).
- (C) INSTALL MICROLOOP TRIPLE PROBE DETECTOR SET W/ 500 FOOT LEAD-IN.
- (D) INSTALL HANDHOLE.
- (E) INSTALL 24 INCH HEAT APPLIED THERMOPLASTIC PAVEMENT MARKING AS SHOWN.
- (F) INSTALL 3" POLYVINYL CHLORIDE ELECTRICAL CONDUIT-SCHEDULE 80 - TRENCHED.
- (G) INSTALL 4" POLYVINYL CHLORIDE ELECTRICAL CONDUIT-SCHEDULE 80 - TRENCHED.
- (H) INSTALL 4" POLYVINYL CHLORIDE ELECTRICAL CONDUIT-SCHEDULE 80 - BORED.
- (I) INSTALL 1" GALVANIZED STEEL CONDUIT FOR LOOP DETECTOR LEAD-IN.
- (J) INSTALL 15' "T" STEEL POLE, WITH TWIN 50'/60' MAST ARMS, SIGNAL HEADS, AND SIGNS AS SHOWN. (NOTE: 1-3" PVC AND 1-2" PVC SCHEDULE 80 BEND).
- (K) USE EXISTING HANDHOLE.
- (L) USE EXISTING CONDUIT.
- (M) REMOVE EXISTING MAST ARM POLE, MAST ARMS, VEHICULAR AND PEDESTRIAN SIGNAL HEADS, SIGNS AND STRAIN POLE.
- (N) REMOVE EXISTING BASE MOUNTED CABINET.
- (O) ABANDON EXISTING CONDUIT.
- (P) REMOVE EXISTING HANDHOLE.
- (Q) INSTALL 3" POLYVINYL CHLORIDE ELECTRICAL CONDUIT-SCHEDULE 80 - SLOTTED.
- (R) INSTALL 6'X6' LOOP DETECTOR ENCASED IN FLEXIBLE TUBING (4 TURNS).

GENERAL NOTES

1. ALL NEW EQUIPMENT SHALL BE INSTALLED AND OPERATIONAL PRIOR TO THE REMOVAL OF ANY EXISTING EQUIPMENT.
2. REVISION "B" IS A REVISION TO THE TRAFFIC CONTROL SIGNAL BUILT IN 1977.
3. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC AND ARE NOT TO BE CONSIDERED COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING UTILITY COMPANIES 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 APPROPRIATE PROJECT ENGINEER IMMEDIATELY.
4. LOOP DETECTORS, PROBES AND CONDUIT ARE TO BE INSTALLED PRIOR TO THE INSTALLATION OF PAVEMENT MARKINGS.
5. REFER TO INTERCONNECT PLAN FOR SIGNAL SYSTEM LAYOUT.
6. THE CONTRACTOR SHALL CONFIRM THE LOCATION OF ALL PROPOSED GEOMETRICS PRIOR TO INSTALLING SIGNAL EQUIPMENT.
7. ALL SIGNAL EQUIPMENT SHALL BE INSTALLED TO FINAL GRADE.

UTILITY LEGEND



**CENTURY ENGINEERING, INC.**  
CONSULTING ENGINEERS - PLANNERS  
32 WEST ROAD  
TOWSON, MARYLAND 21284

REVISIONS	APPROVALS
<p>RECONSTRUCT SIGNAL DUE TO 5/02 GEOMETRIC IMPROVEMENTS WIDEN EB MD 174 (SHA NO. AAG29517)</p> <p>RECONSTRUCT SIGNAL DUE TO 6/98 GEOMETRIC IMPROVEMENTS ADD NORTH LEG</p> <p>JJA DAZ FL TH</p>	<p>ORIGINAL TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION</p> <p>ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION</p> <p>ON</p> <p>CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION</p> <p>FILE DIRECTOR, TRAFFIC &amp; SAFETY</p>

**MARYLAND DOT - STATE HIGHWAY ADMINISTRATION**  
Office of Traffic & Safety  
**TRAFFIC ENGINEERING DESIGN DIVISION**  
SIGNAL PLAN  
MD 174 (QUARTERFIELD ROAD) AT PARKE WEST DRIVE / INDUSTRIAL DRIVE  
GLEN BURNIE, MARYLAND

DRAWN BY: KGA	F.A.P. NO. 1908 (R)	TS NO. 1908 (R)	SHEET NO. 154 OF 195
CHECKED BY: B. THOMPSON	S.H.A. NO.	T.I.M.S. NO. D727	
SCALE: 1" = 20'	COUNTY: ANNE ARUNDEL	LOG MILE: 02017402.19	
DATE: 8/31/77			