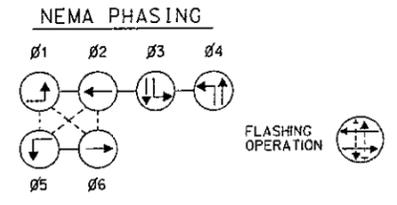
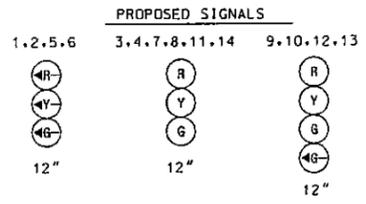
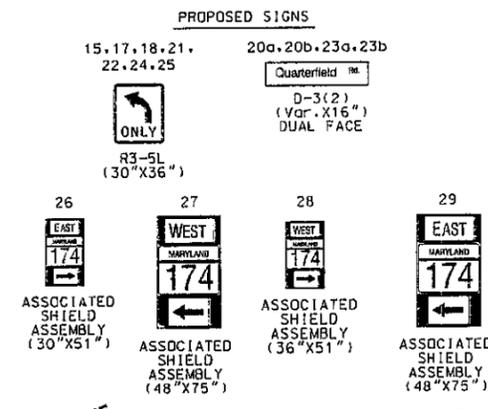
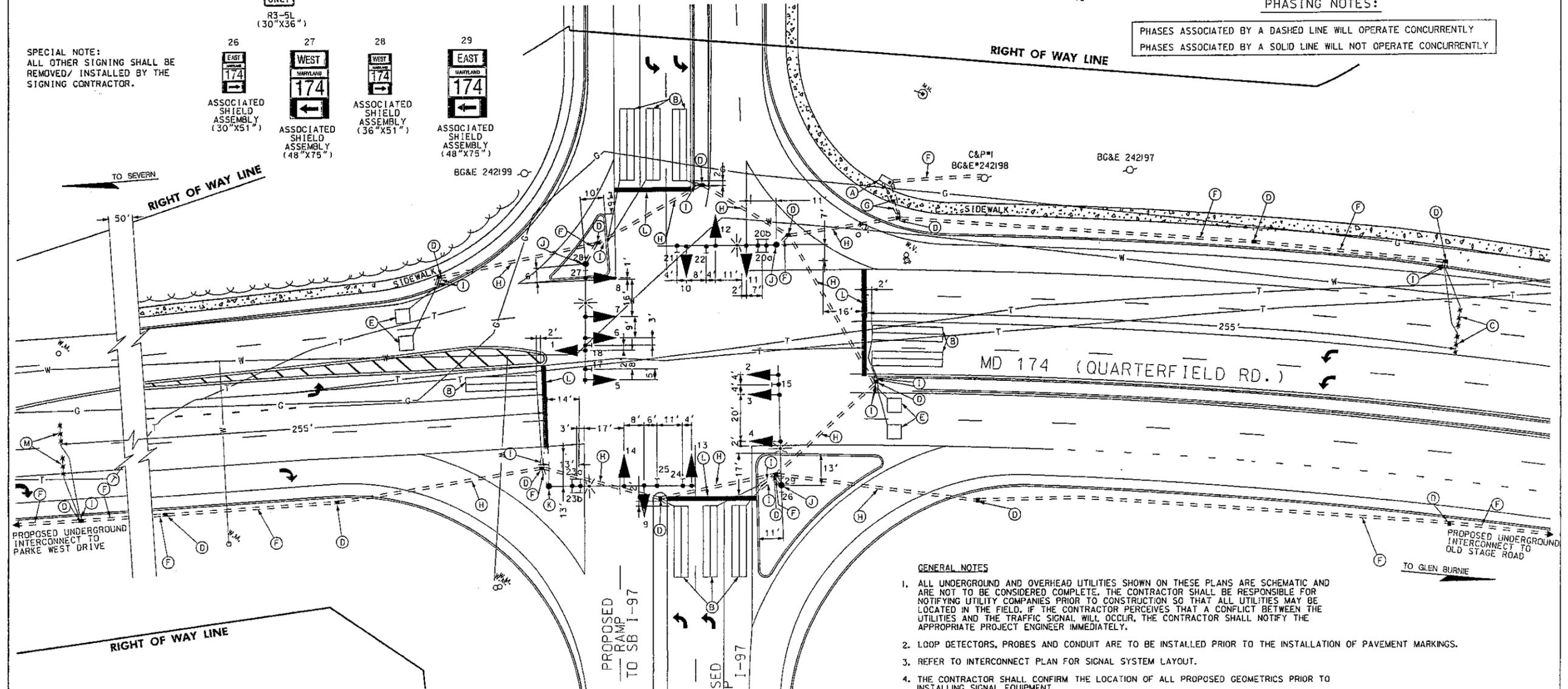


MD 174 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION

SPECIAL NOTE:  
ALL OTHER SIGNING SHALL BE REMOVED/ INSTALLED BY THE SIGNING CONTRACTOR.



**PHASING NOTES:**  
 PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY  
 PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY



**GENERAL NOTES**

- 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.
- LOOP DETECTORS, PROBES AND CONDUIT ARE TO BE INSTALLED PRIOR TO THE INSTALLATION OF PAVEMENT MARKINGS.
- REFER TO INTERCONNECT PLAN FOR SIGNAL SYSTEM LAYOUT.
- THE CONTRACTOR SHALL CONFIRM THE LOCATION OF ALL PROPOSED GEOMETRICS PRIOR TO INSTALLING SIGNAL EQUIPMENT.
- ALL SIGNAL EQUIPMENT SHALL BE INSTALLED TO FINAL GRADE.

**CONSTRUCTION DETAILS**

- INSTALL NEW NEMA SIZE "6" BASE-MOUNTED CABINET AND 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.)
- INSTALL 6" X 30" LOOP DETECTOR ENCASED IN FLEXIBLE TUBING QUADRUPLE TYPE (3-6-3).
- INSTALL MICROLOOP TRIPLE PROBE DETECTOR SET W/ 500 FOOT LEAD-IN.
- INSTALL HANDHOLE.
- INSTALL 6" X 6" LOOP DETECTOR ENCASED IN FLEXIBLE TUBING (4 TURNS).
- INSTALL 3" POLYVINYL CHLORIDE ELECTRICAL CONDUIT-SCHEDULE 80 - TRENCHED.
- INSTALL 4" POLYVINYL CHLORIDE ELECTRICAL CONDUIT-SCHEDULE 80 - TRENCHED.
- INSTALL 4" POLYVINYL CHLORIDE ELECTRICAL CONDUIT-SCHEDULE 80 - BORED.
- INSTALL 1" GALVANIZED STEEL CONDUIT FOR LOOP DETECTOR LEAD-IN.
- INSTALL STEEL POLE 27' - 50' MAST ARM, SIGNAL HEADS, 15' BRACKET ARM WITH 250W-HPS LUMINAIRE, AND SIGNS AS SHOWN. (NOTE: 1-3" PVC SCHED. 80 BEND.)
- INSTALL STEEL POLE 27' - 60' MAST ARM, SIGNAL HEADS, 15' BRACKET ARM WITH 250W-HPS LUMINAIRE, AND SIGNS AS SHOWN. (NOTE: 1-3" PVC SCHED. 80 BEND.)
- INSTALL 24" HEAT APPLIED THERMOPLASTIC PAVEMENT MARKINGS AS SHOWN.
- INSTALL MICROLOOP TRIPLE PROBE DETECTOR SET W/ 1000 FOOT LEAD-IN.

**UTILITY LEGEND**

G	GAS MAIN
W	WATER MAIN
S	SEWER MAIN
E	ELECTRIC CABLES
A	AERIAL CABLES
T	TELEPHONE CABLES
FO	FIBER OPTIC CABLES

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

APPROVALS	REVISIONS

**MARYLAND DOT - STATE HIGHWAY ADMINISTRATION**  
 Office of Traffic & Safety  
**TRAFFIC ENGINEERING DESIGN DIVISION**  
 SIGNAL PLAN  
 MD 174 (QUARTERFIELD ROAD) AT I-97 SOUTHBOUND RAMP  
 GLEN BURNIE, MARYLAND

DRAWN BY: J.R.H. JR.	F.A.P. NO. AAG2982I	SEE TITLE SHEET	TS NO. TS 4171
CHECKED BY: J. HOLLOWAY	S.H.A. NO. ANNE AURNDEL	COUNTY: ANNE AURNDEL	T.I.M.S. NO. 0727
SCALE: 1" = 20'	DATE: 5/01	LOG MILE: 02017404.77	SHEET NO. 156 OF 195