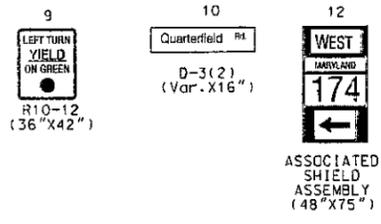


MD 174 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION

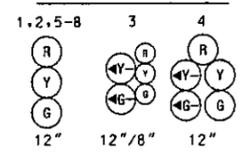
EXISTING SIGNS



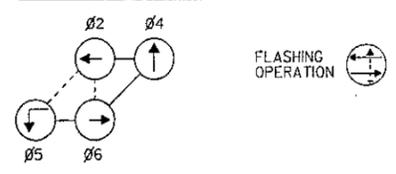
PROPOSED SIGNS



PROPOSED SIGNALS



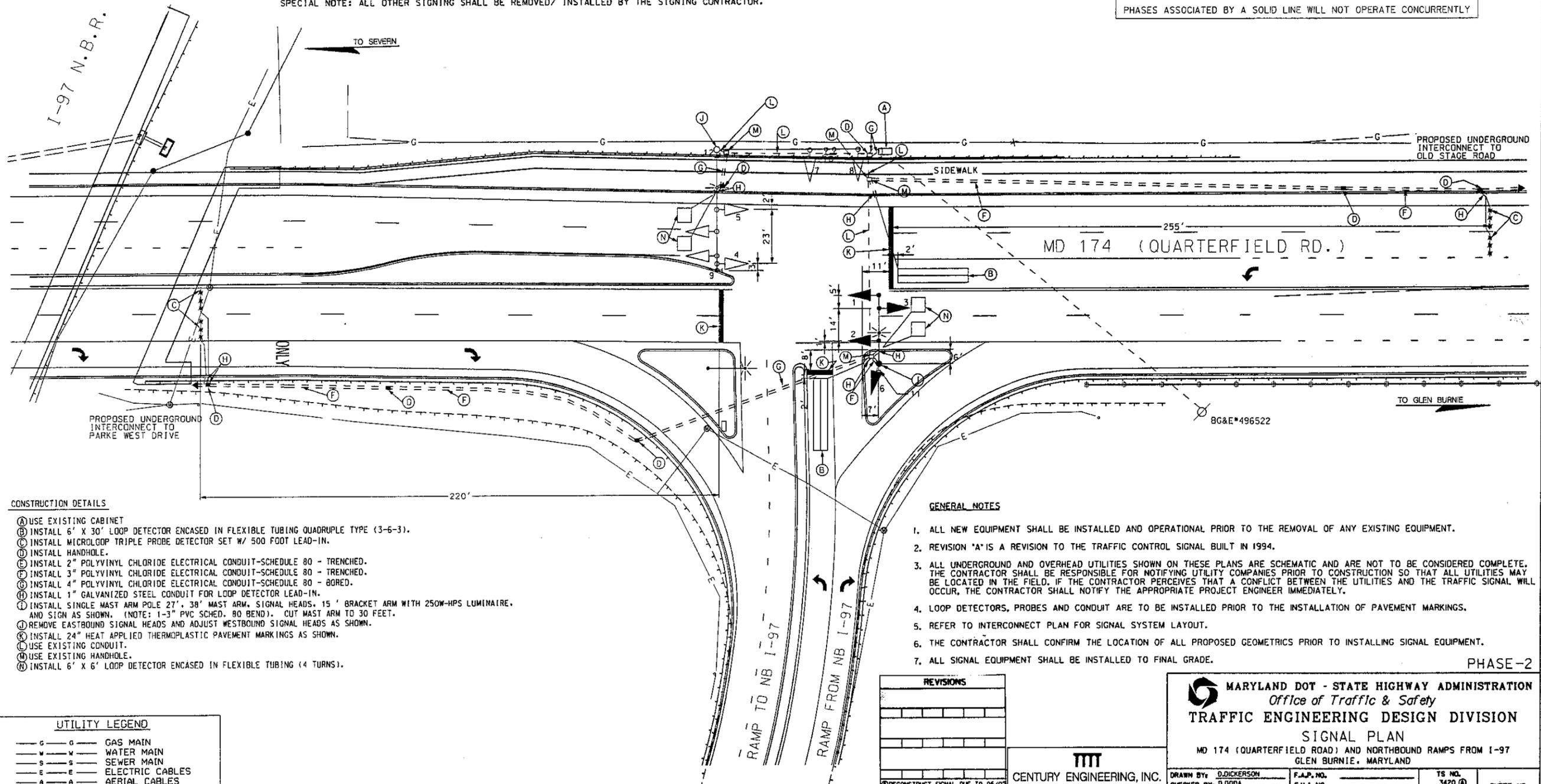
NEMA PHASING



PHASING NOTES:

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

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



CONSTRUCTION DETAILS

- Ⓐ USE EXISTING CABINET
- Ⓑ 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 2" POLYVINYL CHLORIDE ELECTRICAL CONDUIT-SCHEDULE 80 - TRENCHED.
- Ⓕ INSTALL 3" 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 SINGLE MAST ARM POLE 27', 38' MAST ARM, SIGNAL HEADS, 15' BRACKET ARM WITH 250W-HPS LUMINAIRE, AND SIGN AS SHOWN. (NOTE: 1-3" PVC SCHED. 80 BEND). CUT MAST ARM TO 30 FEET.
- Ⓚ REMOVE EASTBOUND SIGNAL HEADS AND ADJUST WESTBOUND SIGNAL HEADS AS SHOWN.
- Ⓛ INSTALL 24" HEAT APPLIED THERMOPLASTIC PAVEMENT MARKINGS AS SHOWN.
- Ⓜ USE EXISTING CONDUIT.
- Ⓝ USE EXISTING HANDHOLE.
- Ⓟ INSTALL 6' X 6' LOOP DETECTOR ENCASED IN FLEXIBLE TUBING (4 TURNS).

UTILITY LEGEND

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

GENERAL NOTES

1. ALL NEW EQUIPMENT SHALL BE INSTALLED AND OPERATIONAL PRIOR TO THE REMOVAL OF ANY EXISTING EQUIPMENT.
2. REVISION 'A' IS A REVISION TO THE TRAFFIC CONTROL SIGNAL BUILT IN 1994.
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.

PHASE-2

REVISIONS

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

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

DRAWN BY: D.DICKERSON	F.A.P. NO.:	TS NO.:	SHEET NO. 159 of 195
CHECKED BY: D.DODD	S.H.A. NO.:	3420 (A)	
SCALE: 1" = 20'	COUNTY: ANNE ARUNDEL	T.I.M.S. NO.:	
DATE: 4/28/94	LOG MILE: 02017405.04	0727	