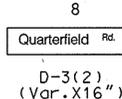
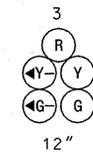
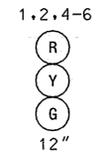


PROPOSED SIGNS

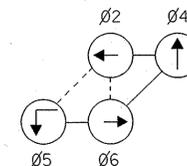


ASSOCIATED SHIELD ASSEMBLY (48" X 75")

PROPOSED SIGNALS



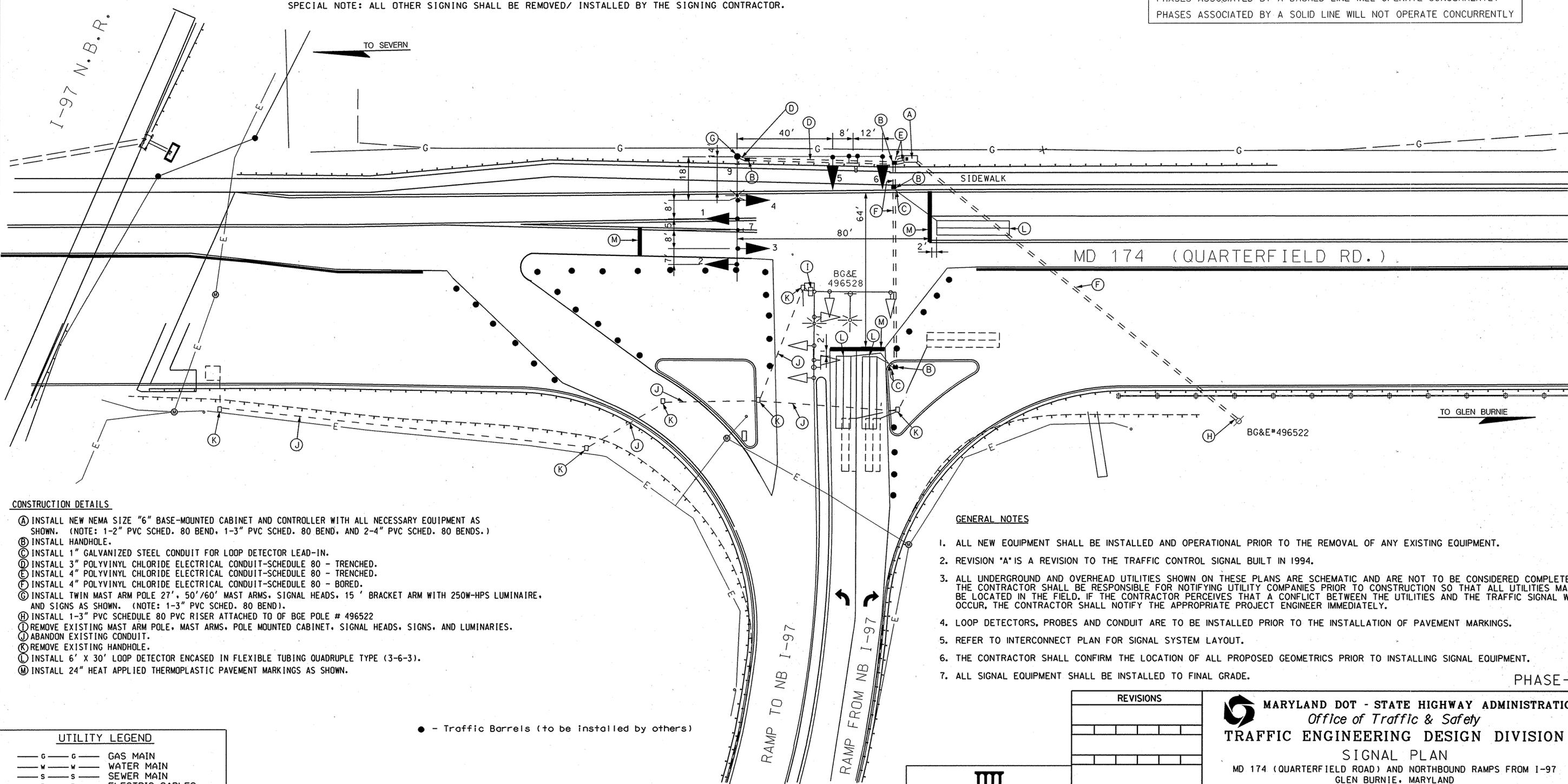
NEMA PHASING



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

- Ⓐ 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 HANDHOLE.
- Ⓒ INSTALL 1" GALVANIZED STEEL CONDUIT FOR LOOP DETECTOR LEAD-IN.
- Ⓓ 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 TWIN MAST ARM POLE 27', 50'/60' MAST ARMS, SIGNAL HEADS, 15' BRACKET ARM WITH 250W-HPS LUMINAIRE, AND SIGNS AS SHOWN. (NOTE: 1-3" PVC SCHED. 80 BEND).
- Ⓗ INSTALL 1-3" PVC SCHEDULE 80 PVC RISER ATTACHED TO OF BGE POLE # 496522
- Ⓘ REMOVE EXISTING MAST ARM POLE, MAST ARMS, POLE MOUNTED CABINET, SIGNAL HEADS, SIGNS, AND LUMINARIES.
- Ⓚ ABANDON EXISTING CONDUIT.
- Ⓛ REMOVE EXISTING HANDHOLE.
- Ⓛ INSTALL 6' X 30' LOOP DETECTOR ENCASED IN FLEXIBLE TUBING QUADRUPLE TYPE (3-6-3).
- Ⓜ INSTALL 24" HEAT APPLIED THERMOPLASTIC PAVEMENT MARKINGS AS SHOWN.

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-1

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

● - Traffic Barrels (to be installed by others)

REVISIONS	

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

CEI
CENTURY ENGINEERING, INC.
CONSULTING ENGINEERS - PLANNERS
32 WEST ROAD
TOWSON, MARYLAND 21204

RECONSTRUCT SIGNAL DUE TO 05/02
GEOMETRIC IMPROVEMENTS
(SHA NO. AA6295171)
DATE: 4/28/94

DRAWN BY: D.DICKERSON
CHECKED BY: D.DODA
SCALE: 1" = 20'
DATE: 4/28/94

F.A.P. NO.	TS NO.	SHEET NO.
S.H.A. NO.	3420 (A)	158 of 195
COUNTY: ANNE ARUNDEL	T.I.M.S. NO.	
LOG MILE: 02017405.04	0727	