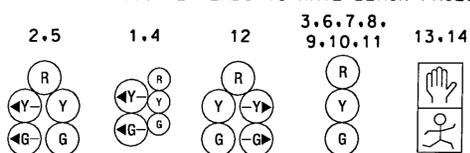


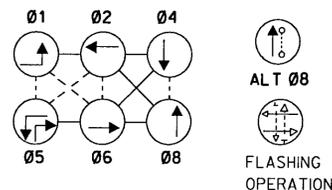
PROPOSED SIGNAL HEADS

(ALL SIGNAL HEADS TO HAVE BLACK FACES)



12" 12"/8" 12" 12" 12"

NEMA PHASING

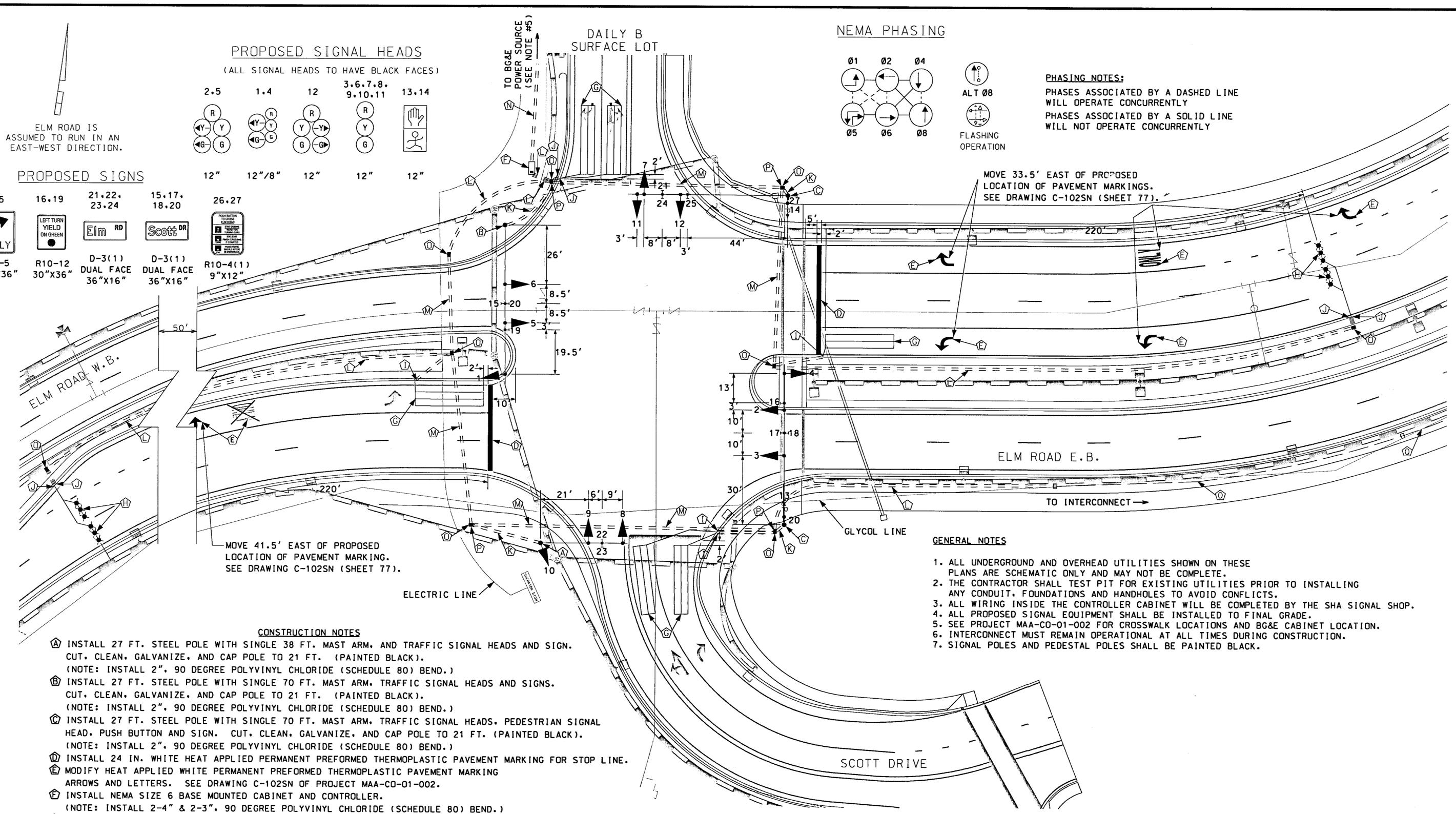
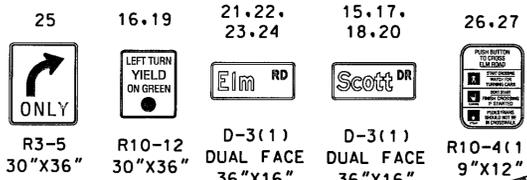


PHASING NOTES:

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

ELM ROAD IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION.

PROPOSED SIGNS



MOVE 33.5' EAST OF PROPOSED LOCATION OF PAVEMENT MARKINGS. SEE DRAWING C-102SN (SHEET 77).

MOVE 41.5' EAST OF PROPOSED LOCATION OF PAVEMENT MARKING. SEE DRAWING C-102SN (SHEET 77).

GENERAL NOTES

1. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE.
2. THE CONTRACTOR SHALL TEST PIT FOR EXISTING UTILITIES PRIOR TO INSTALLING ANY CONDUIT, FOUNDATIONS AND HANDHOLES TO AVOID CONFLICTS.
3. ALL WIRING INSIDE THE CONTROLLER CABINET WILL BE COMPLETED BY THE SHA SIGNAL SHOP.
4. ALL PROPOSED SIGNAL EQUIPMENT SHALL BE INSTALLED TO FINAL GRADE.
5. SEE PROJECT MAA-CO-01-002 FOR CROSSWALK LOCATIONS AND BG&E CABINET LOCATION.
6. INTERCONNECT MUST REMAIN OPERATIONAL AT ALL TIMES DURING CONSTRUCTION.
7. SIGNAL POLES AND PEDESTAL POLES SHALL BE PAINTED BLACK.

CONSTRUCTION NOTES

1. INSTALL 27 FT. STEEL POLE WITH SINGLE 38 FT. MAST ARM, AND TRAFFIC SIGNAL HEADS AND SIGN. CUT, CLEAN, GALVANIZE, AND CAP POLE TO 21 FT. (PAINTED BLACK). (NOTE: INSTALL 2", 90 DEGREE POLYVINYL CHLORIDE (SCHEDULE 80) BEND.)
2. INSTALL 27 FT. STEEL POLE WITH SINGLE 70 FT. MAST ARM, TRAFFIC SIGNAL HEADS AND SIGNS. CUT, CLEAN, GALVANIZE, AND CAP POLE TO 21 FT. (PAINTED BLACK). (NOTE: INSTALL 2", 90 DEGREE POLYVINYL CHLORIDE (SCHEDULE 80) BEND.)
3. INSTALL 27 FT. STEEL POLE WITH SINGLE 70 FT. MAST ARM, TRAFFIC SIGNAL HEADS, PEDESTRIAN SIGNAL HEAD, PUSH BUTTON AND SIGN. CUT, CLEAN, GALVANIZE, AND CAP POLE TO 21 FT. (PAINTED BLACK). (NOTE: INSTALL 2", 90 DEGREE POLYVINYL CHLORIDE (SCHEDULE 80) BEND.)
4. INSTALL 24 IN. WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR STOP LINE.
5. MODIFY HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING ARROWS AND LETTERS. SEE DRAWING C-102SN OF PROJECT MAA-CO-01-002.
6. INSTALL NEMA SIZE 6 BASE MOUNTED CABINET AND CONTROLLER. (NOTE: INSTALL 2-4" & 2-3", 90 DEGREE POLYVINYL CHLORIDE (SCHEDULE 80) BEND.)
7. INSTALL 6 FT. X 30 FT. (3-6-3 WINDING) QUADRUPOLE TYPE LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING, 2 FT. BEHIND STOP BAR.
8. INSTALL MICROLOOP TRIPLE PROBE SET.
9. INSTALL 1 IN. ELECTRICAL CONDUIT - GALVANIZED STEEL FOR DETECTOR SLEEVE.
10. INSTALL 1 IN. LIQUID TIGHT FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT FOR DETECTOR SLEEVE.
11. INSTALL 2 IN. SCHEDULE 80, POLYVINYL CHLORIDE CONDUIT (TRENCHED).
12. INSTALL 4 IN. SCHEDULE 80, POLYVINYL CHLORIDE CONDUIT (TRENCHED).
13. INSTALL 4 IN. SCHEDULE 80, POLYVINYL CHLORIDE CONDUIT (BORED).
14. INSTALL 4 IN. SCHEDULE 80, POLYVINYL CHLORIDE CONDUIT (TRENCHED) WITH PULL STRING FOR POWER SOURCE. BG&E WILL PULL CABLE.
15. INSTALL HANDHOLE.
16. INSTALL GROUND ROD.
17. USE EXISTING CONDUIT.

REVISIONS	APPROVALS
	<i>Michael R. ...</i> 9-12-02 TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
	<i>[Signature]</i> ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	<i>[Signature]</i> CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	<i>[Signature]</i> 9/18/02 DIRECTOR, TRAFFIC & SAFETY

GP-1 OF GP-2

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
SIGNAL PLAN
ELM ROAD AND DAILY PARKING/SHERATON HOTEL ENTRANCE

DRAWN BY: K. PERMISOHN	F.A.P. NO. N/A	TS NO.	
CHECKED BY: D. GERHARDT	S.H.A. NO. BW423MB3		SHEET NO.
SCALE: 1" = 20'	COUNTY: ANNE ARUNDEL	T.I.M.S. NO.	
DATE: 9-03-02	LOG MILE:		OF