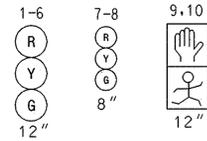


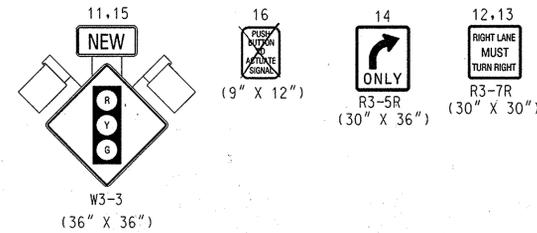


MD 273 IS ASSUMED TO RUN
IN AN EAST-WEST DIRECTION

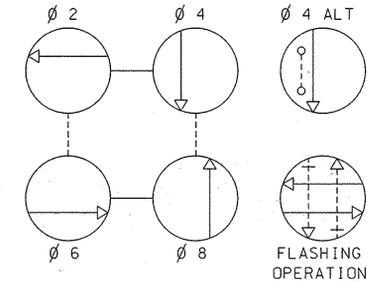
PROPOSED SIGNALS



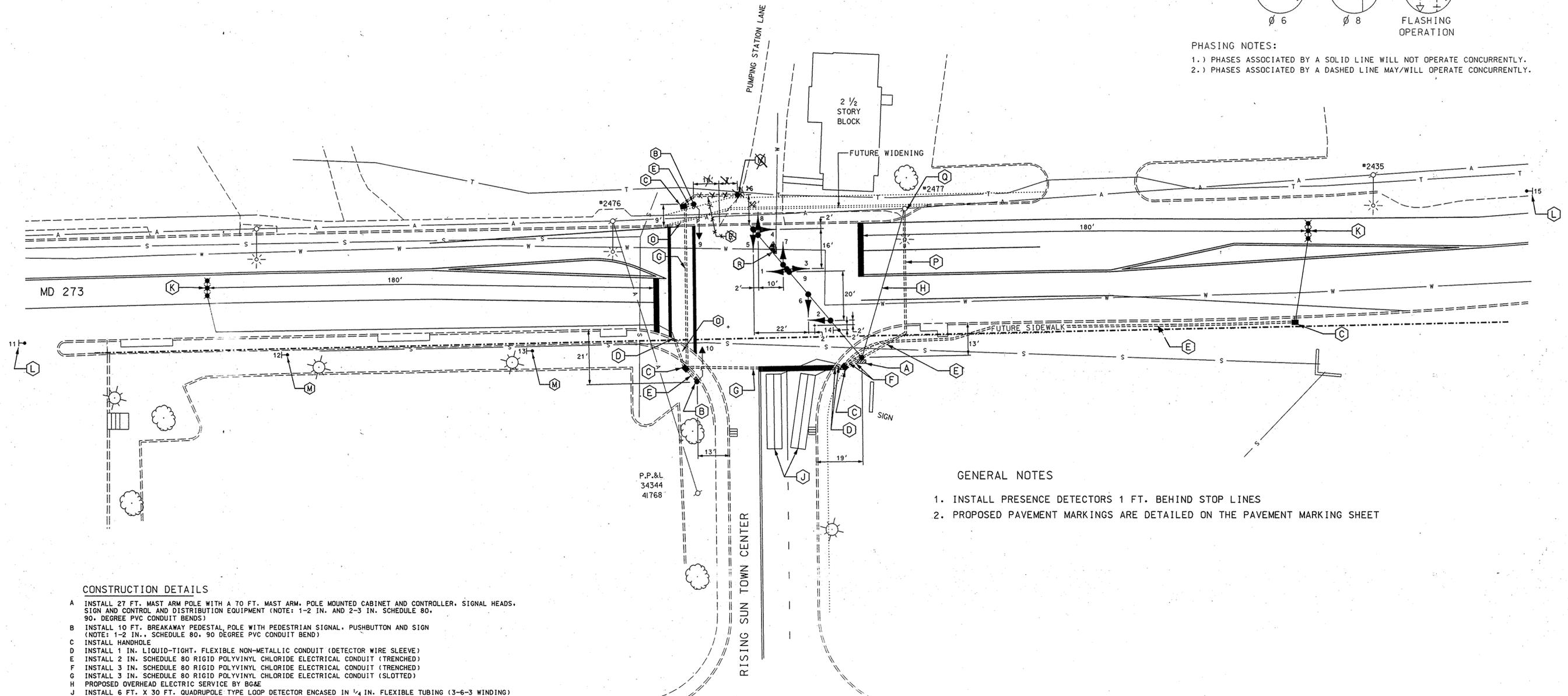
PROPOSED SIGNS



NEMA PHASING



- PHASING NOTES:
 1.) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
 2.) PHASES ASSOCIATED BY A DASHED LINE MAY/WILL OPERATE CONCURRENTLY.



GENERAL NOTES

1. INSTALL PRESENCE DETECTORS 1 FT. BEHIND STOP LINES
2. PROPOSED PAVEMENT MARKINGS ARE DETAILED ON THE PAVEMENT MARKING SHEET

CONSTRUCTION DETAILS

- A INSTALL 27 FT. MAST ARM POLE WITH A 70 FT. MAST ARM, POLE MOUNTED CABINET AND CONTROLLER, SIGNAL HEADS, SIGN AND CONTROL AND DISTRIBUTION EQUIPMENT (NOTE: 1-2 IN. AND 2-3 IN. SCHEDULE 80, 90 DEGREE PVC CONDUIT BENDS)
- B INSTALL 10 FT. BREAKAWAY PEDESTAL POLE WITH PEDESTRIAN SIGNAL, PUSHBUTTON AND SIGN (NOTE: 1-2 IN. SCHEDULE 80, 90 DEGREE PVC CONDUIT BEND)
- C INSTALL HANDHOLE
- D INSTALL 1 IN. LIQUID-TIGHT, FLEXIBLE NON-METALLIC CONDUIT (DETECTOR WIRE SLEEVE)
- E INSTALL 2 IN. SCHEDULE 80 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED)
- F INSTALL 3 IN. SCHEDULE 80 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED)
- G INSTALL 3 IN. SCHEDULE 80 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (SLOTTED)
- H PROPOSED OVERHEAD ELECTRIC SERVICE BY BGA&E
- J INSTALL 6 FT. X 30 FT. QUADROPOLE TYPE LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING (3-6-3 WINDING)
- K INSTALL MICROLOOP PROBE
- L INSTALL W3-3 SIGNS ON ONE 4 IN X 6 IN. WOOD POST APPROXIMATELY 200 FT. IN ADVANCE OF THE INTERSECTION
- M INSTALL R3-7R SIGNS ON ONE 4 IN X 6 IN. WOOD POST APPROXIMATELY 50 FT. AND 150' IN ADVANCE OF THE INTERSECTION
- N INSTALL 4 FT. PEDESTAL POLE, PUSHBUTTON AND SIGN (NOTE: 1-2 IN. SCHEDULE 80, 90 DEGREE PVC CONDUIT BEND)
- O INSTALL SHA STANDARD SIDEWALK RAMP
- P INSTALL 2 IN. SCHEDULE 80 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (SLOTTED)
- Q INSTALL 2 IN. SCHEDULE 80 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT AT POLE BASE
- R INSTALL CAMERA DETECTION

TRAFFIC CONCEPTS, INC.

Brightview Business Center
 8258 Veterans Highway,
 Suite 19A
 Millersville, MD 21108
 (410) 987-0427

REVISIONS	APPROVALS
	<i>[Signature]</i> 10/27/00 TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
	ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
	<i>[Signature]</i> 10/27/00 PE/CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	<i>[Signature]</i> 11/14/00 DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
 Office of Traffic & Safety
 TRAFFIC ENGINEERING DESIGN DIVISION
 TRAFFIC SIGNALIZATION
 MD 273 AND RISING SUN SHOPPING CENTER

DRAWN BY: T. ZAYDEL	F.A.P. NO. _____	TS NO. 4042	SHEET NO. _____
CHECKED BY: K. SCHMID	S.H.A. NO. _____	COUNTY: CECIL	T.I.M.S. NO. E081
SCALE: 1" = 20'	LOG MILE: 07027302.10	DATE: 10-4-00	1 OF 3