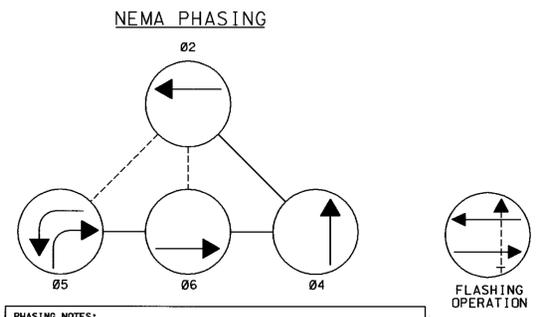
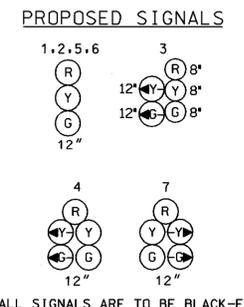
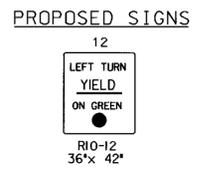
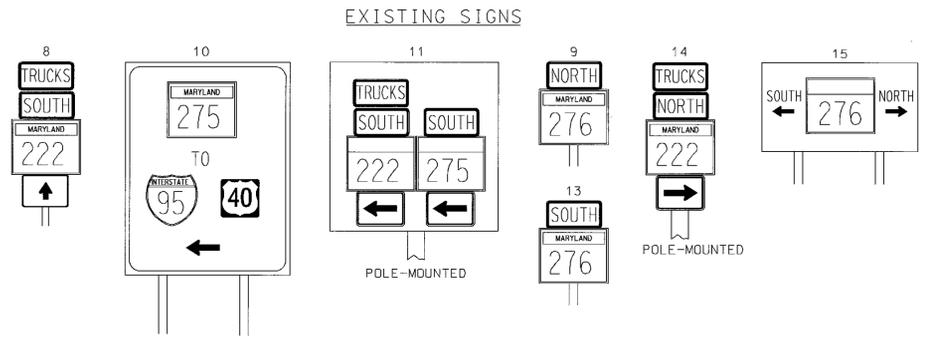
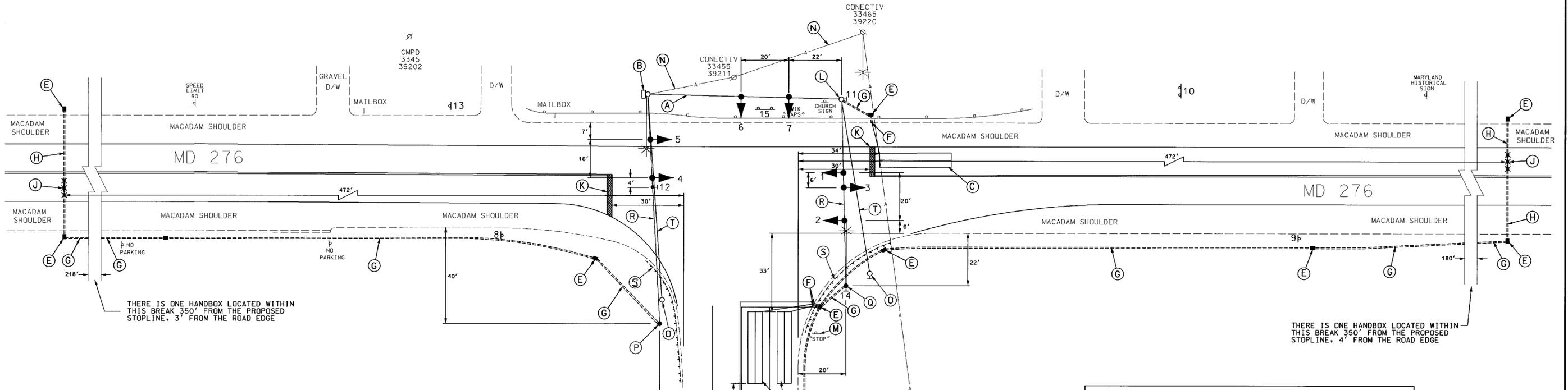


MD 276 IS CONSIDERED TO RUN IN A NORTH / SOUTH DIRECTION



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



CONSTRUCTION DETAILS

- Remove existing signal heads and install proposed signal heads as shown. (Note: Contractor shall re-ring existing span wire and use existing wiring where appropriate (See Wiring Diagram).
- Install new controller with two (2) four channel rack mounted amplifier detectors in existing pole mounted cabinet as shown. (Note: Contractor shall rotate existing lighting luminaire 15° from strain pole.)
- Install 6' x 30' loop detector encased in 1/4" flexible tubing quadrupole type (3-6-3).
- Install 6' x 6' loop detector encased in 1/4" flexible tubing (4-turns).
- Install handhole.
- Install 1" liquid tight flexible non-metallic electrical conduit (detector wire sleeve).
- Install 3" polyvinyl chloride electrical conduit (Schedule 80) (trenched).
- Install 3" polyvinyl chloride electrical conduit (Schedule 80) (bored).
- Install non-invasive microloop probe with 1000 ft. lead in cable.
- Install 24" white heat applied permanent preformed thermoplastic pavement marking (stopline).
- Use existing strain pole and existing conduit bend in pole base.
- Remove existing stop sign as shown.
- Existing overhead electrical service maintained by CONECTIV.
- Remove strain pole and foundation 12" below grade and backfill.
- Install 12"x 30' strain pole as shown. (Note: 1-3" polyvinyl chloride schedule 80) bend.)
- Install 12"x 30' strain pole, relocated sign and 250W-HPS luminaire as shown. (Note: 1-3" polyvinyl chloride (schedule 80) bend.)
- Install 3/8" span wire with signal heads and signs as shown.
- Install guardrail with type 1 traffic barrier end treatments (standard no. MD 605.10). 1' behind edge of pavement.
- Remove existing span wire and signal heads as shown.

- GENERAL NOTES:**
- The loop detectors and conduit are to be installed prior to the installation of the pavement markings.
 - All underground utilities shown on these plans are schematic only and may not be complete. The contractor shall be responsible for notifying "MISS UTILITY" 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 project engineer immediately so that the conflict may be resolved.
 - All pavement markings detailed are proposed and are to be installed in accordance with SHA standards.
 - All Traffic Signal Foundations shall be installed at the Final Sidewalk or Curb grade for closed sections, Highest Roadway Profile Grade for open sections, to meet clearances as specified in MD 816.03, MD 818.01, MD 818.02, and MD 818.04. The contractor shall verify ultimate grades prior to the installation of all signal equipment.

GEOMETRIC LEGEND

PROPOSED	---
EXISTING	---

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	—A—A
ELECTRIC	—E—E
TELEPHONE	—T—T
GAS	—G—G
SEWER	—S—S
WATER	—W—W
CABLE TV	—TV—TV

REVISION "B"

4508.dgn WT-6

REVISIONS	APPROVALS
7/7/04 GREENLINE REVISION	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
2/11/04 UPGRADE LCS TO FULL COLOR TRAFFIC CONTROL DEVICE SHA NO.: XX1065185	ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
JWA A 5/82 REMOVED SIGNAL AND INSTALL INTERSECTION CONTROL BEACON	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
 MD 276 AND MD 275

DRAWN BY: BRUCE THOMPSON	F.A.P. NO. _____	TS NO. 1502B	SHEET NO. 1 OF 2
CHECKED BY: _____	S.H.A. NO. _____	T.I.M.S. NO. _____	
SCALE: 1" = 20'	COUNTY: CECIL	LOG MILE: 07027502-25	
DATE: 4-29-92			