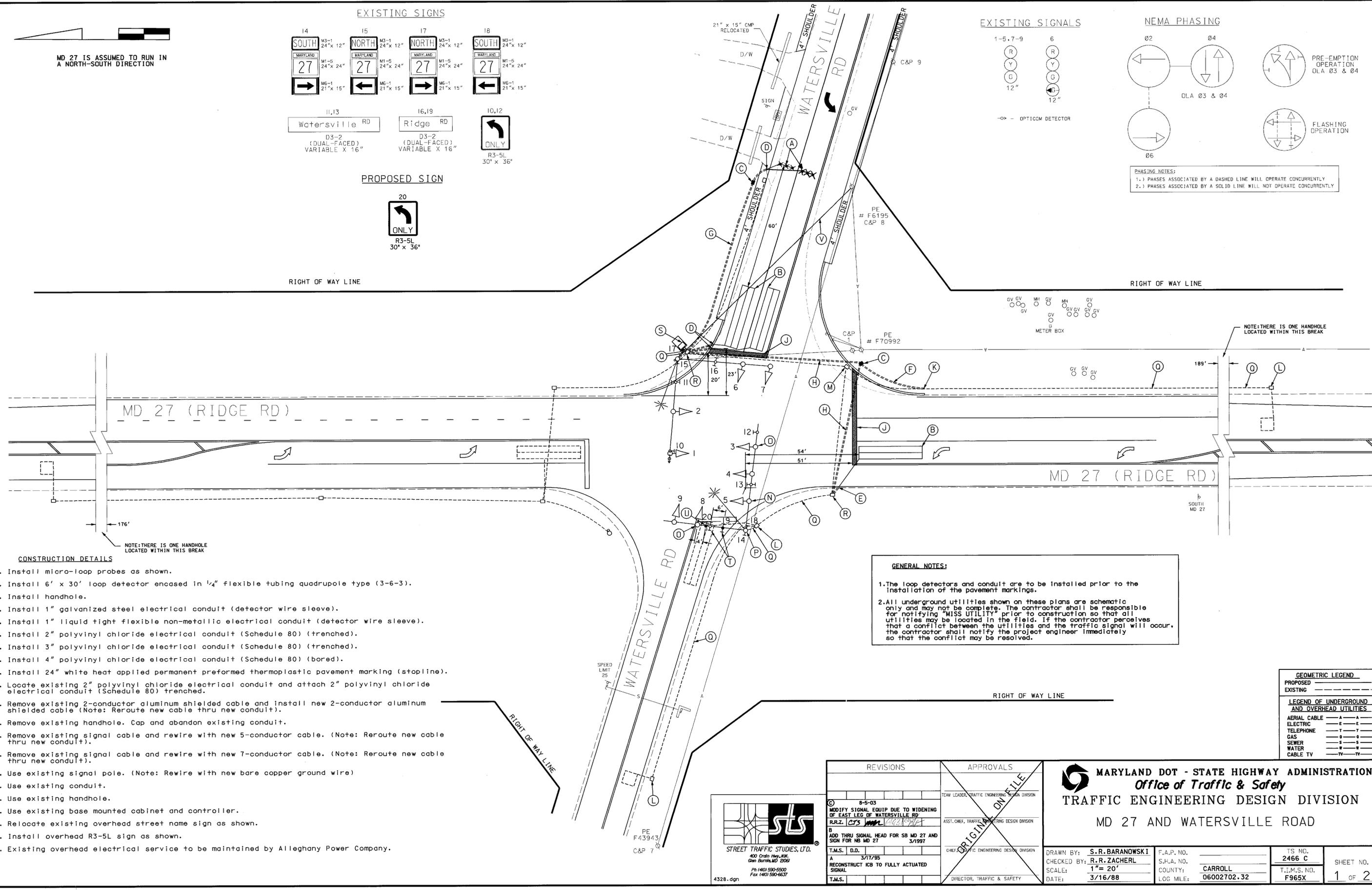
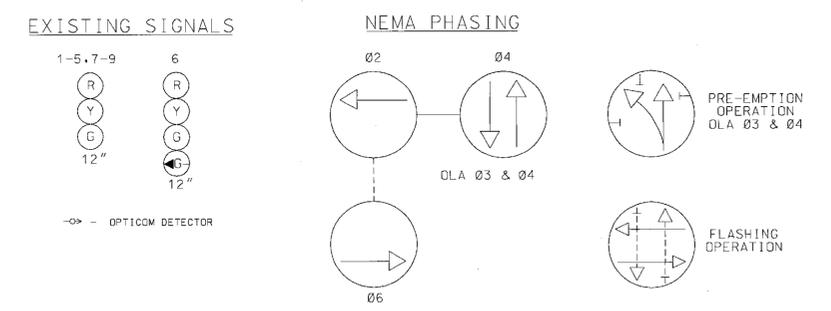
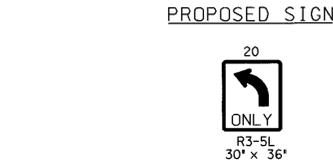
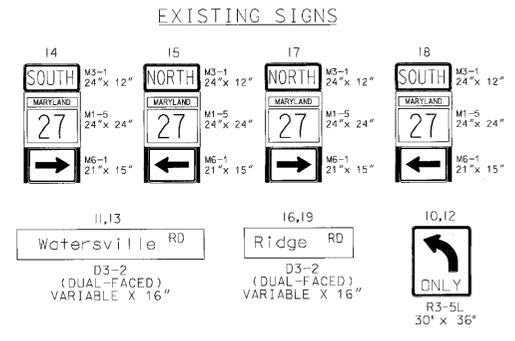


MD 27 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION



- CONSTRUCTION DETAILS**
- A. Install micro-loop probes as shown.
 - B. Install 6' x 30' loop detector encased in 1/4" flexible tubing quadrupole type (3-6-3).
 - C. Install handhole.
 - D. Install 1" galvanized steel electrical conduit (detector wire sleeve).
 - E. Install 1" liquid tight flexible non-metallic electrical conduit (detector wire sleeve).
 - F. Install 2" polyvinyl chloride electrical conduit (Schedule 80) (trenched).
 - G. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (trenched).
 - H. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (bored).
 - J. Install 24" white heat applied permanent preformed thermoplastic pavement marking (stopline).
 - K. Locate existing 2" polyvinyl chloride electrical conduit and attach 2" polyvinyl chloride electrical conduit (Schedule 80) (trenched).
 - L. Remove existing 2-conductor aluminum shielded cable and install new 2-conductor aluminum shielded cable (Note: Reroute new cable thru new conduit).
 - M. Remove existing handhole. Cap and abandon existing conduit.
 - N. Remove existing signal cable and rewire with new 5-conductor cable. (Note: Reroute new cable thru new conduit).
 - O. Remove existing signal cable and rewire with new 7-conductor cable. (Note: Reroute new cable thru new conduit).
 - P. Use existing signal pole. (Note: Rewire with new bare copper ground wire)
 - Q. Use existing conduit.
 - R. Use existing handhole.
 - S. Use existing base mounted cabinet and controller.
 - T. Relocate existing overhead street name sign as shown.
 - U. Install overhead R3-5L sign as shown.
 - V. Existing overhead electrical service to be maintained by Allegheny Power Company.

GENERAL NOTES:

1. The loop detectors and conduit are to be installed prior to the installation of the pavement markings.
2. 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.

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

REVISIONS		APPROVALS	
8-5-03	MODIFY SIGNAL EQUIP DUE TO WIDENING OF EAST LEG OF WATERSVILLE RD	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION	
3/17/95	ADD THRU SIGNAL HEAD FOR SB MD 27 AND SIGN FOR NB MD 27	ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION	
3/17/95	RECONSTRUCT ICB TO FULLY ACTUATED SIGNAL	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION	
		DIRECTOR, TRAFFIC & SAFETY	

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
MD 27 AND WATERSVILLE ROAD

DRAWN BY: S.R. BARANOWSKI
 CHECKED BY: R.R. ZACHERL
 SCALE: 1" = 20'
 DATE: 3/16/88

F.A.P. NO. _____
 S.H.A. NO. _____
 COUNTY: CARROLL
 LOG MILE: 06002702.32

TS NO. 2466 C
 T.I.M.S. NO. F965X
 SHEET NO. 1 OF 2

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