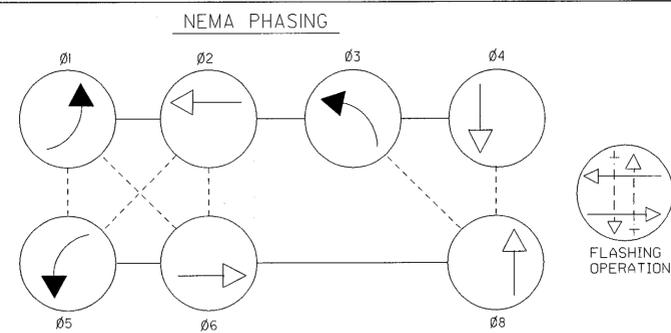
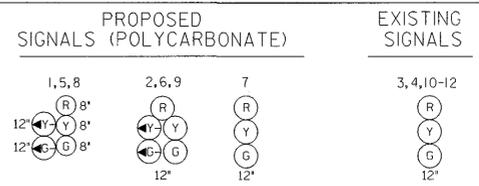
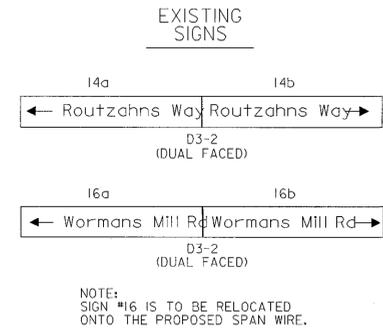
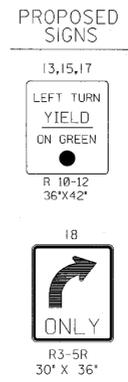
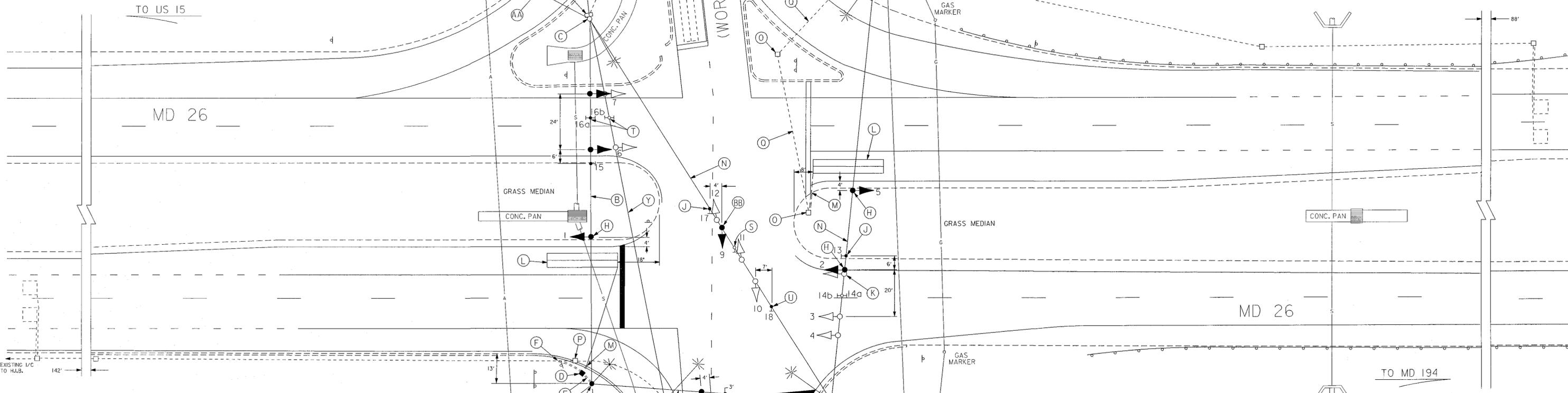


NOTE: MD 26 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION



PHASING NOTES:

1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.



- CONSTRUCTION DETAILS**
- A. Install 32' 2-ply steel pole with a 10' lighting arm, 250 W HPSV luminaire and 1-3' weatherhead as shown. (Note: 1-3', 90° polyvinyl chloride (schedule 80) bend).
 - B. Install 3/8" steel span wire, traffic signal heads and signs as shown. (Note: 5-section signal heads and R10-12 sign are to be tethered using 1/4" tether wire.)
 - C. Install down guy onto existing strain pole. Remove guy after the new span is installed and the existing span removed.
 - D. Install handhole.
 - E. Install 3" polyvinyl chloride electrical conduit (schedule 80) (trenched).
 - F. Locate existing 2" polyvinyl chloride conduit, cut and install a new section of 2" conduit to the proposed handhole. (See detail 'C').
 - G. Install one (1) 4-channel, rack mount loop detector amplifier into the existing pole-mounted cabinet. Disconnect 12-pair cables and phase 5 mainline detector (aluminum shielded) cables and pull back across span and through the handhole on the southwest quadrant and re-route using the proposed pole and span (See detail 'F').
 - H. Install proposed traffic signal head onto existing span wire as shown. (Note: Signal head to be tethered using 1/4" tether wire.)
 - J. Install R10-12 sign onto existing span wire as shown. (Note: Sign to be tethered using 1/4" tether wire.)
 - K. Remove existing traffic signal head.
 - L. Install 6'x30" loop detector encased in 1/4" flexible tubing quadrupole type (3-6-3).
 - M. Install 1" liquid tight flexible non-metallic electrical conduit (detector wire sleeve).
 - N. Use existing steel span wire.
 - O. Use existing handhole.
 - P. Remove existing handhole (See detail 'F').
 - Q. Use existing conduit.
 - R. Use existing steel strain pole.
 - S. Remove existing sign.
 - T. Relocate existing D3-2 sign onto proposed span wire.
 - U. Install R3-5R sign onto existing span wire as shown.
 - V. Install 3/8" steel span wire and traffic signal head as shown. (Note: signal head is to be tethered using 1/4" tether wire.)
 - W. Existing 12-pair interconnect cable to be pulled back and re-routed across proposed span.
 - X. Existing overhead interconnect cable to be maintained.
 - Y. Remove existing span wire and all attached equipment.
 - Z. Remove existing strain pole. (Cap and abandon existing conduit).
 - AA. Existing overhead electrical service to be maintained.
 - BB. Remove existing 3-section signal head and install proposed traffic signal head onto existing span wire as shown. (Note: Signal head to be tethered using 1/4" tether wire.)

GENERAL NOTES:

1. The proposed pavement markings are shown and detailed on the Pavement Marking Plan (Sheet 2 of 3).

2. This is a revision to the original signal built in 1984 under contract No. AW-775-501-776.

GEOMETRIC LEGEND

EXISTING -----
PROPOSED - - - - -

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

ST
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3445A.DGN

REVISIONS		APPROVALS	
① 8-31-99	RELOC. POLE AND ADD NB, EB AND WB E/P LEFTS AND DETECTORS SHA NO.: BW996M82	ASST. CHIEF TRAFFIC SECTION	[Signature]
② 4-15-99	RELOC. MAINLINE LOOPS AND I/C THE EB H.L.B. TO THE INTERSECTION SHA NO.: AW-280-5185		
E.M.M.	[D.A.D.] [D.A.Z.] [B.R.K.] [T.H.]	ASST. DISTRICT ENGINEER, TRAFFIC	[Signature]
B 12-4-98	NOT IMPLEMENTED, SEE ① ADD MD 26 EB AND WB E/P LEFT AND DETECTOR SHA NO.: BW996M82	CHIEF TRAFFIC ENGINEERING DESIGN DIVISION	[Signature]
R.R.Z.	[Signature]	DIRECTOR, TRAFFIC & SAFETY	[Signature]
A 7-30-84	REDRAW, ADDED DETECTORS AT STRAIN POLES AND CONTROLLER. SHA NO.: [Signature]		
J.A.B.	[Signature]		

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
MD 26 AND MD 355

DRAWN BY: N.L.HILL
CHECK BY: [Signature]
DATE: 7-27-84
SCALE: 1" = 20'

COUNTY: FREDERICK
LOG MILE: 10002600.53
F.A.P. NO.: [Signature]
S.H.A. NO. AW-775-501-776

TS NO. 14240
SHEET NO. 1 OF 3
T.I.M.S. NO. DI43