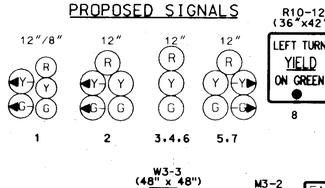
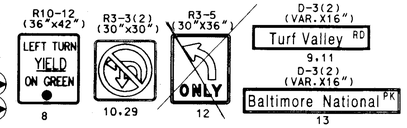
PROPOSED SIGNS

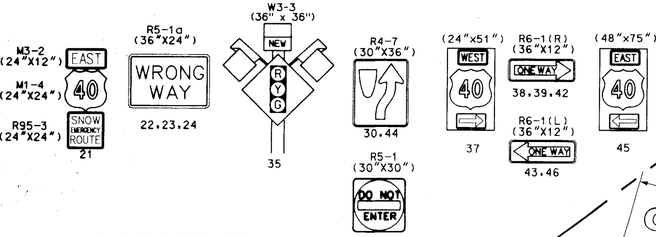
PROPOSED SIGNALS



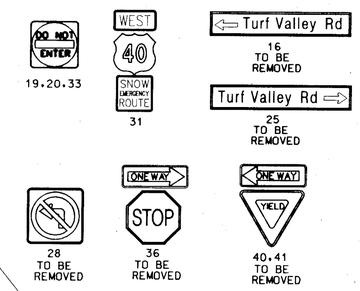
US 40 IS ASSUMED TO RUN IN A EAST / WEST DIRECTION

THERE IS ONE HANDHOLE IN THIS AREA.

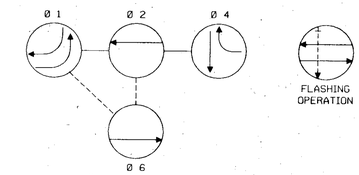




EXISTING SIGNS

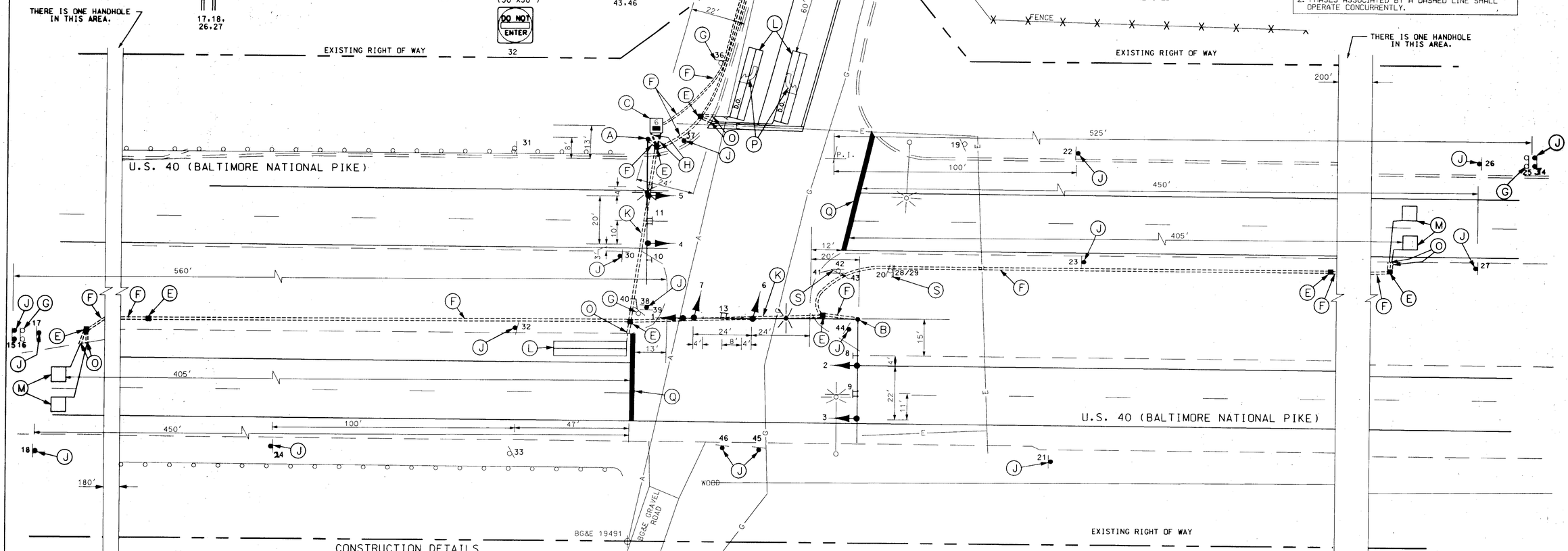


NEMA PHASING



PHASING NOTES:

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



CONSTRUCTION DETAILS

A. Install a 27 ft. steel pole with a 60 ft. mast arm, signal heads, signs and a 250 watt HPS lamp and luminaire. (Note: One - 2 in. PVC schedule 80 conduit bend and four - 2 in. x 90 in. anchor bolts)

B. Install a 27 ft. steel pole with 70 ft. and 50 ft. mast arms, signal heads signs and a 250 watt HPS lamp and luminaire. (Note: One - 2 in.PVC schedule 80 conduit bend and four - 2 in. x 90 in. anchor bolts).

C. Install a base mounted controller and cabinet (size 6) with control and distribution equipment for type B service. (Note: two - 4 in. PVC schedule 80 and two - 2 in. PVC schedule 80 conduit bends).

E. Install electrical handhole.

F. Install a 2 in. PVC schedule 80 electrical conduit - trenched.

G. Remove existing sign.

H. Install a 4 in. PVC schedule 80 electrical conduit - trenched.

J. Install ground mounted sign.

K. Install a 3 in. PVC schedule 80 electrical conduit - bored.

L. Install a 6 ft. x 30 ft. quadruple vehicle loop detector (3-6-3 turns) encased in flexible tubing.

M. Install a 6 ft. x 6 ft. vehicle loop detector (4-turns) encased in fleible tubing.

O. Install a 1 in. liquid tight, flexible, non-metallic conduit for detector wire sleeve.

P. Existing pavement marking to remian.

Q. Install 24 in white reflective thermoplastic pavement marking tape.

R. Install white reflective preformed pavement marking arrow / letters.

S. Remove existing sign panel as shown and install a new R3-3(2) panel on existing wooden sign support.

GENERAL NOTES

1. PAVEMENT MARKINGS DETAILED ARE PROPOSED AND SHALL BE INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH SHA STANDARDS.
2. "D.O." INDICATES DELAY OUTPUT LOOP DETECTOR.
3. THE LOOP DETECTORS AND CONDUITS MUST BE INSTALLED PRIOR TO THE INSTALLATION OF THE PAVEMENT MARKINGS.
4. HANDHOLES SHALL BE SPACED A MAXIMUN OF 200 FT. APART.

UTILITY LEGEND

T	T	TELEPHONE CABLES
G	G	GAS MAIN
W	W	WATER MAIN
S	S	SEWER MAIN
E	E	ELECTRIC CABLES
A	A	AERIAL CABLES
BC		BURIED CABLE
SD		STORM DRAIN

GEOMETRIC LEGEND

- - - - - - - -	EXISTING GEOMETRICS
————	PROPOSED GEOMETRICS

DGL
CONSULTING ENGINEERS
COLUMBIA, MARYLAND

REVISIONS

APPROVALS

ASST. DIVISION CHIEF, TEDD — 11/12/98

ASST. DISTRICT ENGINEER, TRAFFIC — 11/17/98

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION — 11/12

DIRECTOR, OFFICE OF TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

U.S. 40 (BALTIMORE NATIONAL PIKE) AT TURF VALLEY ROAD

LOG MILE • 13040014.38

DATE 8 / 15 / 98

DRAWN BY: R. CICCHINI
CHECK BY: D. PETERS — 11-16-98
SCALE: 1" = 20'

F.A.P. NO.
S.H.A. NO. AW280A59/B59
COUNTY HOWARD

TS 3831

SHEET NO. 1 OF 2