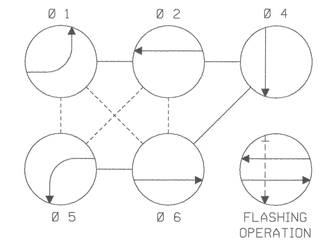
F.H.W.A. REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD			

CONSTRUCTION DETAILS

A. INSTALL 27 FT. STEEL POLE WITH TWIN 50 FT./60 FT. MAST ARMS, SIGNAL HEADS, SIGNS, 20 FT. STREET LIGHTING ARM AND 250 WATT HIGH PRESSURE SODIUM VAPOR LUMINAIRE (NOTE: 1-2 IN., SCHEDULE 40, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BEND).
B. INSTALL 27 FT. STEEL POLE WITH A 70 FT. MAST ARM, SIGNAL HEADS, SIGNS, 20 FT. STREET LIGHTING ARM AND 250 WATT HIGH PRESSURE SODIUM VAPOR LUMINAIRE (NOTE: 1-2 IN., SCHEDULE 40, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BEND).
C. INSTALL NEMA SIZE "6" BASE-MOUNTED CABINET AND CONTROLLER WITH ALL NECESSARY EQUIPMENT (NOTE: 1-2 IN. SCHEDULE 40, 1-2 IN. SCHEDULE 80 AND 2-4 IN. SCHEDULE 40, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BENDS).
D. INSTALL 6 FT. X 30 FT. QUADRUPOLE TYPE (3-6-3) LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING.
E. INSTALL MICROLOOP PROBE SET.
F. INSTALL HANDHOLE.
G. INSTALL 1 IN. LIQUID-TIGHT FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE).
H. INSTALL 2 IN. SCHEDULE 40 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
J. INSTALL 2 IN. SCHEDULE 80 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (BORED).
K. INSTALL 2 IN. SCHEDULE 80 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (SLOTTED).
L. INSTALL 4 IN. SCHEDULE 40 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
M. INSTALL 4 IN. SCHEDULE 80 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (BORED).
N. INSTALL 24 IN. PERMANENT PREFORMED PAVEMENT MARKING TAPE (STOP LINE).
O. INSTALL W3-3 SIGN ASSEMBLY ON TWO 4 IN. X 4 IN. TREATED WOOD POSTS APPROXIMATELY 625 FT. IN ADVANCE OF THE INTERSECTION.
P. EXISTING HANDHOLE.
Q. REMOVE STOP SIGN AND SUPPORTS.
R. PROPOSED OVERHEAD ELECTRICAL SERVICE.
S. INSTALL D3-2 SIGN ON TWO 4 IN. X 6 IN. TREATED WOOD POSTS APPROXIMATELY 625 FT. IN ADVANCE OF THE INTERSECTION.
T. INSTALL 2 IN. SCHEDULE 80 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
U. EXISTING CONDUIT.

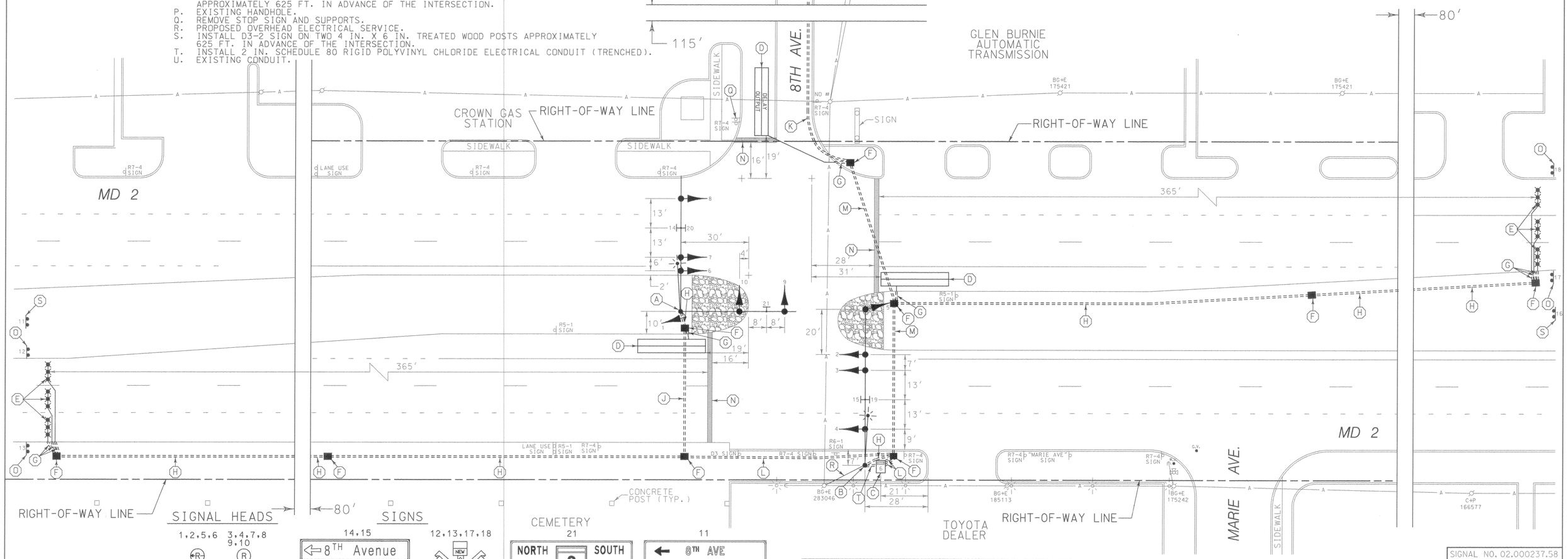
MD 2 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

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.



SIGNAL NO. 02.000237.58

SIGNAL HEADS

1,2,5,6 — 12"
3,4,7,8 9,10 — 12"

SIGNS

14,15 — D3-2 (VARIABLE x 16") — ⇦ 8TH Avenue

19,20 — D3-2 (VARIABLE x 16") — 8TH Avenue ⇨

12,13,17,18 — W3-3 (48" X 48") W/"NEW" PANEL (30" X 30") AND FLAGS

CEMETERY 21 — NORTH 2 SOUTH — FOR SIGN LAYOUT SEE "GENERAL INFORMATION" SHEET

16 — 8TH AVE → NEXT SIGNAL — FOR SIGN LAYOUT SEE "GENERAL INFORMATION" SHEET

11 — ← 8TH AVE NEXT SIGNAL — FOR SIGN LAYOUT SEE "GENERAL INFORMATION" SHEET

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

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

WR&A
Whitman, Requardt and Associates
Engineers and Planners
2315 Saint Paul Street
Baltimore, Maryland 21218
(410) 235-3450

REVISIONS

APPROVALS

for Dimitrios A. Zafiris — ASSISTANT DIVISION CHIEF

ASST. DISTRICT ENGINEER, TRAFFIC

7/1/96 — CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

7/1 — DIRECTOR, OFFICE OF TRAFFIC & SAFETY

REVISIONS

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

TRAFFIC SIGNALIZATION PLAN
MD 2 AND 8TH AVENUE

DATE:	6-27-96	DRAWN BY:	S. BLOSS	F.A.P. NO.		PLAN SHEET NO.:	SHEET NO.
SCALE:	1"=20'	DESIGNED BY:	T. ZAYDEL	S.H.A. NOS.:		3606	1 OF 2
APPROVED BY:		CHECKED BY:	T. HANNAN	COUNTY	ANNE ARUNDEL		