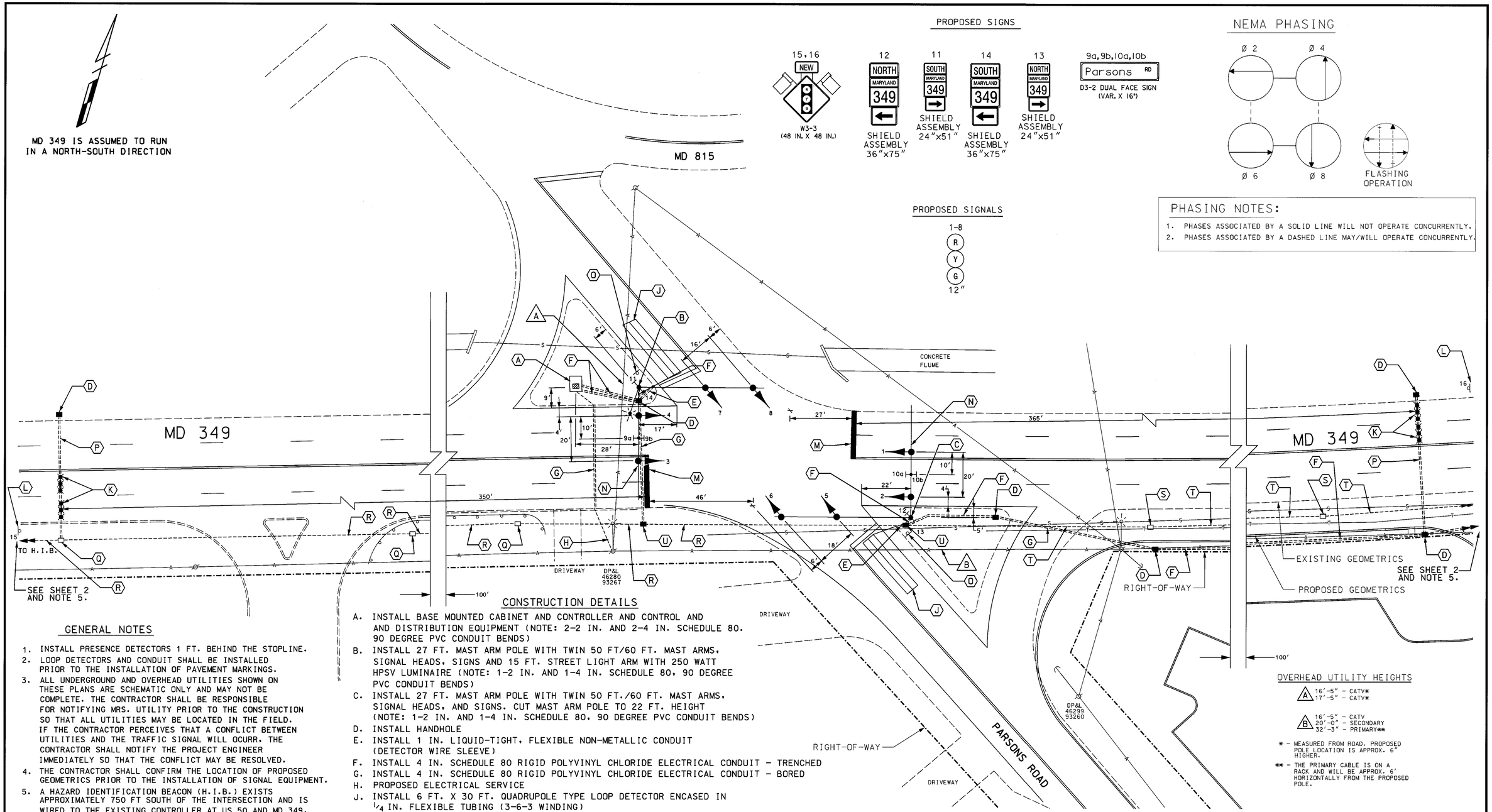
MD 349 IS ASSUMED TO RUN
IN A NORTH-SOUTH DIRECTION




## PROPOSED SIGNS

15,16 — NEW — W3-3 (48 IN. X 48 IN.)

12 — NORTH / MARYLAND / 349 — SHIELD ASSEMBLY 36"x75"

11 — SOUTH / MARYLAND / 349 — SHIELD ASSEMBLY 24"x51"

14 — SOUTH / MARYLAND / 349 — SHIELD ASSEMBLY 36"x75"

13 — NORTH / MARYLAND / 349 — SHIELD ASSEMBLY 24"x51"

9a,9b,10a,10b — Parsons RD — D3-2 DUAL FACE SIGN (VAR. X 16")

## PROPOSED SIGNALS

1-8

R
Y
G

12"

## NEMA PHASING




FLASHING OPERATION

## PHASING NOTES:

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

## GENERAL NOTES

1. INSTALL PRESENCE DETECTORS 1 FT. BEHIND THE STOPLINE.
2. LOOP DETECTORS AND CONDUIT SHALL BE INSTALLED PRIOR TO THE INSTALLATION OF PAVEMENT MARKINGS.
3. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MRS. UTILITY PRIOR TO THE CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND THE TRAFFIC SIGNAL WILL OCURR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
4. THE CONTRACTOR SHALL CONFIRM THE LOCATION OF PROPOSED GEOMETRICS PRIOR TO THE INSTALLATION OF SIGNAL EQUIPMENT.
5. A HAZARD IDENTIFICATION BEACON (H.I.B.) EXISTS APPROXIMATELY 750 FT SOUTH OF THE INTERSECTION AND IS WIRED TO THE EXISTING CONTROLLER AT US 50 AND MD 349. THIS CABLE MUST BE DISCONNECTED FROM THE H.I.B. AND REMOVED FROM THE EXISTING CONDUIT TO THE HANDHOLE APPROXIMATELY 150 FT. NORTH OF THE PLAN LIMITS. AFTER NEW CONDUIT IS INSTALLED, RE-INSTALL THE CABLE AND RE-CONNECT TO THE PROPOSED CONTROLLER AT PARSONS ROAD. A NEW PIECE OF 12-PAIR VOICE GRADE INTERCONNECT CABLE SHOULD BE INSTALLED FROM THE PROPOSED CONTROLLER AT PARSONS ROAD TO THE EXISTING H.I.B. (SEE SHEET 2).

## CONSTRUCTION DETAILS

A. INSTALL BASE MOUNTED CABINET AND CONTROLLER AND CONTROL AND AND DISTRIBUTION EQUIPMENT (NOTE: 2-2 IN. AND 2-4 IN. SCHEDULE 80. 90 DEGREE PVC CONDUIT BENDS)
B. INSTALL 27 FT. MAST ARM POLE WITH TWIN 50 FT/60 FT. MAST ARMS, SIGNAL HEADS, SIGNS AND 15 FT. STREET LIGHT ARM WITH 250 WATT HPSV LUMINAIRE (NOTE: 1-2 IN. AND 1-4 IN. SCHEDULE 80, 90 DEGREE PVC CONDUIT BENDS)
C. INSTALL 27 FT. MAST ARM POLE WITH TWIN 50 FT./60 FT. MAST ARMS, SIGNAL HEADS, AND SIGNS. CUT MAST ARM POLE TO 22 FT. HEIGHT (NOTE: 1-2 IN. AND 1-4 IN. SCHEDULE 80, 90 DEGREE PVC CONDUIT BENDS)
D. INSTALL HANDHOLE
E. INSTALL 1 IN. LIQUID-TIGHT, FLEXIBLE NON-METALLIC CONDUIT (DETECTOR WIRE SLEEVE)
F. INSTALL 4 IN. SCHEDULE 80 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT - TRENCHED
G. INSTALL 4 IN. SCHEDULE 80 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT - BORED
H. PROPOSED ELECTRICAL SERVICE
J. INSTALL 6 FT. X 30 FT. QUADRUPOLE TYPE LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING (3-6-3 WINDING)
K. INSTALL MICRO-LOOP PROBE
L. INSTALL W3-3 SIGNS ON ONE 4 IN. X 6 IN. POST APPROXIMATELY 500 FT. IN ADVANCE OF THE INTERSECTION
M. INSTALL 24 IN. WHITE PERMANENT PREFORMED PAVEMENT MARKING
N. CUT, CLEAN, GALVANIZE AND CAP MAST ARM
O. REMOVE EXISTING STOP SIGN
P. INSTALL 3 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT - BORED
Q. USE EXISTING HANDHOLE
R. USE EXISTING CONDUIT
S. REMOVE EXISTING HANDHOLE
T. CAP AND ABANDON EXISTING CONDUIT
U. INSTALL HANDHOLE OVER EXISTING CONDUIT

## OVERHEAD UTILITY HEIGHTS

A — 16'-5" - CATV*
17'-5" - CATV*

B — 16'-5" - CATV
20'-0" - SECONDARY
32'-3" - PRIMARY**

* - MEASURED FROM ROAD. PROPOSED POLE LOCATION IS APPROX. 6" HIGHER.

** - THE PRIMARY CABLE IS ON A RACK AND WILL BE APPROX. 6' HORIZONTALLY FROM THE PROPOSED POLE.

| REVISIONS | APPROVALS |
|---|---|
| | TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION — 6-4-01 |
| | ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION — 6/4/01 |
| | CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION — 6/5/01 |
| | DIRECTOR, TRAFFIC & SAFETY — 6/6/01 |

**MARYLAND DOT - STATE HIGHWAY ADMINISTRATION**
*Office of Traffic & Safety*
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNALIZATION
MD 349 AND PARSONS ROAD

| | | | | | |
|---|---|---|---|---|---|
| DRAWN BY: | T. ZAYDEL | F.A.P. NO. | | TS NO. 4102 | SHEET NO. 1 OF 3 |
| CHECKED BY: | K. SCHMID | S.H.A. NO. | BW996M82 | | |
| SCALE: | 1" = 20' | COUNTY: | WICOMICO | T.I.M.S. NO. E465 | |
| DATE: | 3-26-01 | LOG MILE: | | | |

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