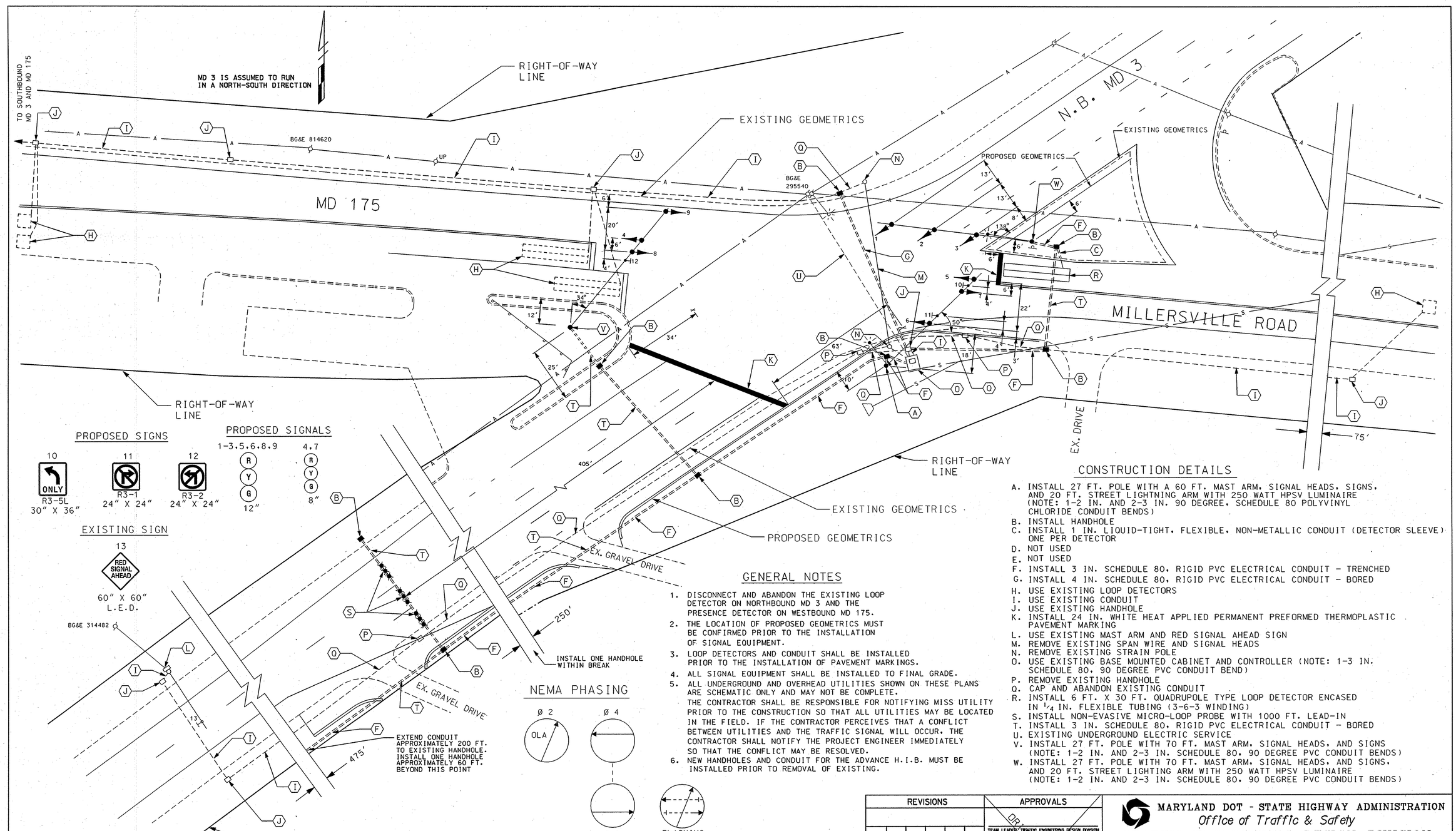

GENERAL NOTES

1. DISCONNECT AND ABANDON THE EXISTING LOOP DETECTOR ON NORTHBOUND MD 3 AND THE PRESENCE DETECTOR ON WESTBOUND MD 175.
2. THE LOCATION OF PROPOSED GEOMETRICS MUST BE CONFIRMED PRIOR TO THE INSTALLATION OF SIGNAL EQUIPMENT.
3. LOOP DETECTORS AND CONDUIT SHALL BE INSTALLED PRIOR TO THE INSTALLATION OF PAVEMENT MARKINGS.
4. ALL SIGNAL EQUIPMENT SHALL BE INSTALLED TO FINAL GRADE.
5. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS 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 OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
6. NEW HANDHOLES AND CONDUIT FOR THE ADVANCE H.I.B. MUST BE INSTALLED PRIOR TO REMOVAL OF EXISTING.

PHASING NOTES:

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

CONSTRUCTION DETAILS

A. INSTALL 27 FT. POLE WITH A 60 FT. MAST ARM, SIGNAL HEADS, SIGNS, AND 20 FT. STREET LIGHTNING ARM WITH 250 WATT HPSV LUMINAIRE (NOTE: 1-2 IN. AND 2-3 IN. 90 DEGREE, SCHEDULE 80 POLYVINYL CHLORIDE CONDUIT BENDS)
B. INSTALL HANDHOLE
C. INSTALL 1 IN. LIQUID-TIGHT, FLEXIBLE, NON-METALLIC CONDUIT (DETECTOR SLEEVE) ONE PER DETECTOR
D. NOT USED
E. NOT USED
F. INSTALL 3 IN. SCHEDULE 80, RIGID PVC ELECTRICAL CONDUIT - TRENCHED
G. INSTALL 4 IN. SCHEDULE 80, RIGID PVC ELECTRICAL CONDUIT - BORED
H. USE EXISTING LOOP DETECTORS
I. USE EXISTING CONDUIT
J. USE EXISTING HANDHOLE
K. INSTALL 24 IN. WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING
L. USE EXISTING MAST ARM AND RED SIGNAL AHEAD SIGN
M. REMOVE EXISTING SPAN WIRE AND SIGNAL HEADS
N. REMOVE EXISTING STRAIN POLE
O. USE EXISTING BASE MOUNTED CABINET AND CONTROLLER (NOTE: 1-3 IN. SCHEDULE 80, 90 DEGREE PVC CONDUIT BEND)
P. REMOVE EXISTING HANDHOLE
Q. CAP AND ABANDON EXISTING CONDUIT
R. INSTALL 6 FT. X 30 FT. QUADRUPOLE TYPE LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING (3-6-3 WINDING)
S. INSTALL NON-EVASIVE MICRO-LOOP PROBE WITH 1000 FT. LEAD-IN
T. INSTALL 3 IN. SCHEDULE 80, RIGID PVC ELECTRICAL CONDUIT - BORED
U. EXISTING UNDERGROUND ELECTRIC SERVICE
V. INSTALL 27 FT. POLE WITH 70 FT. MAST ARM, SIGNAL HEADS, AND SIGNS (NOTE: 1-2 IN. AND 2-3 IN. SCHEDULE 80, 90 DEGREE PVC CONDUIT BENDS)
W. INSTALL 27 FT. POLE WITH 70 FT. MAST ARM, SIGNAL HEADS, AND SIGNS, AND 20 FT. STREET LIGHTING ARM WITH 250 WATT HPSV LUMINAIRE (NOTE: 1-2 IN. AND 2-3 IN. SCHEDULE 80, 90 DEGREE PVC CONDUIT BENDS)

REVISIONS	APPROVALS
08-01-01 RECONSTRUCTED SIGNAL DUE TO GEOMETRIC IMPROVEMENTS	ORIGINAL ON FILE
TMZ	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
	ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNALIZATION PLAN
NORTHBOUND MD 3 AND MD 175/MILLERSVILLE ROAD

DRAWN BY:	H. REINHARDT	F.A.P. NO.		TS NO. 180 G	SHEET NO.
CHECKED BY:	9/01	S.H.A. NO.			
SCALE:	1" = 20'	COUNTY:	ANNE ARUNDEL	T.I.M.S. NO. E627	1 OF 2
DATE:	02-21-01	LOG MILE:	02000305.72		