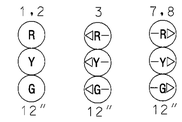
MD 27 IS ASSUMED TO RUN
IN A NORTH-SOUTH DIRECTION

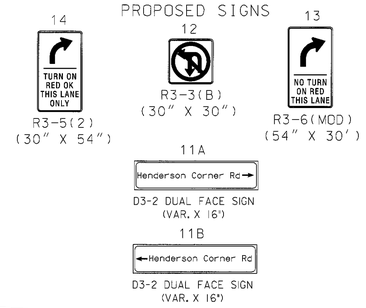
GENERAL NOTES

1. PULL BACK EXISTING INTERCONNECT CABLE FOR BRINK ROAD TO THIS HANDHOLE AND RE-INSTALL THROUGH PROPOSED CONDUIT TO EXISTING CONTROLLER (SEE WIRING DIAGRAM FOR DETAIL)
2. PULL BACK EXISTING INTERCONNECT CABLE FOR MD 355 TO THIS HANDHOLE AND RE-INSTALL THROUGH PROPOSED CONDUIT TO EXISTING CONTROLLER (SEE WIRING DIAGRAM FOR DETAIL)
3. LOOP DETECTORS SHALL BE INSTALLED 1 FT. BEHIND STOPLINE.
4. THE LOCATION OF PROPOSED GEOMETRICS MUST BE CONFIRMED PRIOR TO THE INSTALLATION OF SIGNAL EQUIPMENT.
5. LOOP DETECTORS AND CONDUIT SHALL BE INSTALLED PRIOR TO THE INSTALLATION OF PAVEMENT MARKINGS.
6. ALL SIGNAL EQUIPMENT SHALL BE INSTALLED TO FINAL GRADE.
7. 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.
8. SEE PAVEMENT MARKING PLAN FOR ADDITIONAL PAVEMENT MARKING DETAILS.
9. SEE SIGNING PLAN FOR GROUND MOUNTED SIGNING.

PROPOSED SIGNALS



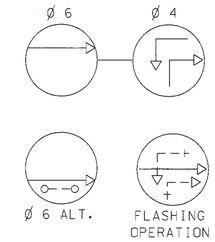
PROPOSED SIGNS



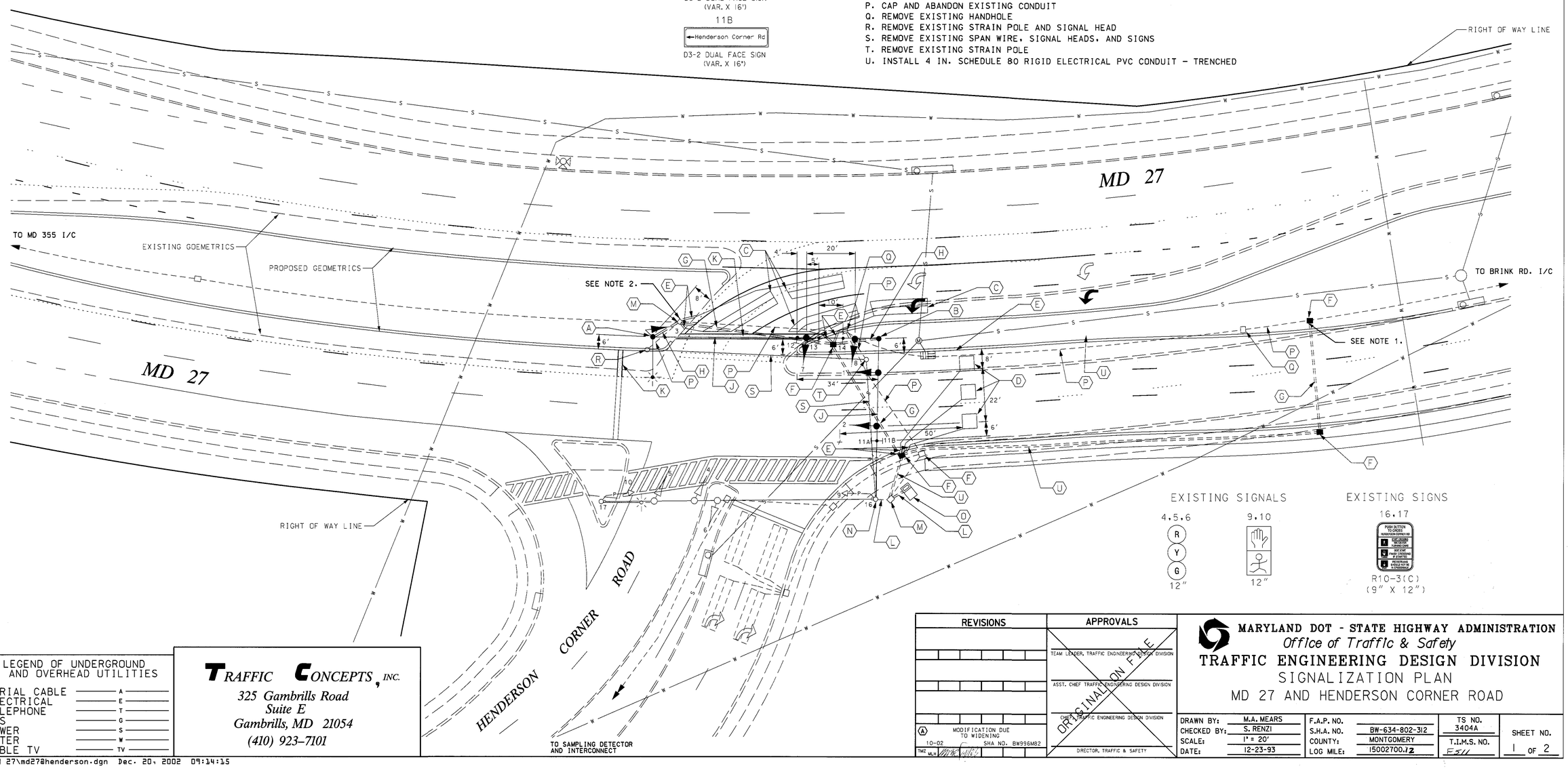
CONSTRUCTION DETAILS

A. INSTALL 12 IN. X 30 FT. STRAIN POLE WITH POLE MOUNTED SIGNAL HEAD AND 15 FT. STREET LIGHTING ARM WITH 250 WATT HPS LUMINIARE (NOTE: INSTALL 1-2 IN. SCHEDULE 80, 90 DEGREE PVC CONDUIT BEND)
B. INSTALL 12 IN. X 30 FT. STRAIN POLE (NOTE: INSTALL 1-2 IN. SCHEDULE 80, 90 DEGREE PVC CONDUIT BEND)
C. INSTALL 6 FT. X 22 FT. QUADRUPOLE TYPE LOOP DETECTOR ENCASED IN FLEXIBLE TUBING (3-6-3 WINDING)
D. INSTALL 6 FT. X 6 FT. SAMPLING DETECTOR ENCASED IN FLEXIBLE TUBING (4-TURNS)
E. INSTALL 1 IN. LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT DETECTOR WIRE SLEEVE
F. INSTALL ELECTRICAL HANDHOLE
G. INSTALL 4 IN. SCHEDULE 80 RIGID ELECTRICAL PVC CONDUIT - BORED
H. INSTALL 2 IN. SCHEDULE 80 RIGID ELECTRICAL PVC CONDUIT - TRENCHED
J. INSTALL 1/4 IN. AND 3/4 IN. STEEL SPAN WIRE WITH SIGNAL HEADS AND SIGNS
K. INSTALL 24 IN. WHITE HEAT APPLIED THERMOPLASTIC PAVEMENT MARKING
L. USE EXISTING CONDUIT
M. USE EXISTING HANDHOLE
N. USE EXISTING STRAIN POLE
O. USE EXISTING BASE MOUNTED CABINET AND CONTROLLER
P. CAP AND ABANDON EXISTING CONDUIT
Q. REMOVE EXISTING HANDHOLE
R. REMOVE EXISTING STRAIN POLE AND SIGNAL HEAD
S. REMOVE EXISTING SPAN WIRE, SIGNAL HEADS, AND SIGNS
T. REMOVE EXISTING STRAIN POLE
U. INSTALL 4 IN. SCHEDULE 80 RIGID ELECTRICAL PVC CONDUIT - TRENCHED

NEMA PHASING



PHASING NOTES:
1.) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
2.) PHASES ASSOCIATED BY A DASHED LINE MAY OPERATE CONCURRENTLY.



EXISTING SIGNALS

EXISTING SIGNS

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

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

TRAFFIC CONCEPTS, INC.
325 Gambrills Road
Suite E
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REVISIONS	APPROVALS
	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
	ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
A MODIFICATION DUE TO WIDENING 10-02 SHA NO. BW996M82 TMZ MLH	DIRECTOR, TRAFFIC & SAFETY

ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
SIGNALIZATION PLAN
MD 27 AND HENDERSON CORNER ROAD

DRAWN BY:	M.A. MEARS	F.A.P. NO.		TS NO. 3404A	SHEET NO.
CHECKED BY:	S. RENZI	S.H.A. NO.	BW-634-802-312		
SCALE:	1" = 20'	COUNTY:	MONTGOMERY	T.I.M.S. NO. F-511	1 OF 2
DATE:	12-23-93	LOG MILE:	15002700.12		

m:\md 27\md27@henderson.dgn Dec. 20, 2002 09:14:15