MD 355 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

EXISTING SIGNALS AND EXISTING SIGNS

5,9,12,15 — R Y G 12"

11,13,14 — R Y G ◁G 12"

16-23 — 12"

24 — NORTH MARYLAND 27 — SHIELD ASSEMBLY 30"x51"

28 — NORTH MARYLAND 27 — SHIELD ASSEMBLY 48"x75"

32 — NORTH MARYLAND 355 — SHIELD ASSEMBLY 30"x51"

31 — NORTH MARYLAND 355 — SHIELD ASSEMBLY 48"x75"

33 — SOUTH MARYLAND 355 — SHIELD ASSEMBLY 48"x75"

30 — SOUTH MARYLAND 355 — SHIELD ASSEMBLY 30"x51"

27a,27b,29a,29b — Ridge RD — D3-2 DUAL FACE SIGN (VAR. X 16')

EXISTING SIGNS AND SIGNAL TO BE RELOCATED

34,35 — ONLY — R3-5(L) 30" X 36"

13 — R Y G ◁G 12"

SHA RIGHT-OF-WAY

INTERCONNECT

PHASE 2 IMPROVEMENTS

PROPOSED SIGNALS AND SIGNS

10 — R Y G ◁G 12"

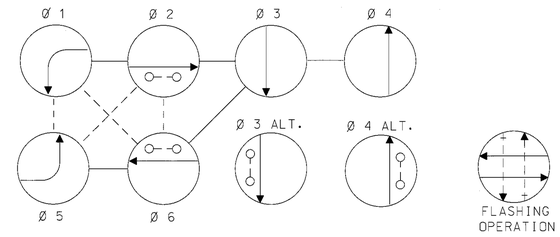
1-3,6,7 — ◁R ◁Y ◁G 12"

4,8 — R Y G 12"

25,26,36 — ONLY — R3-5(L) 30" X 36"

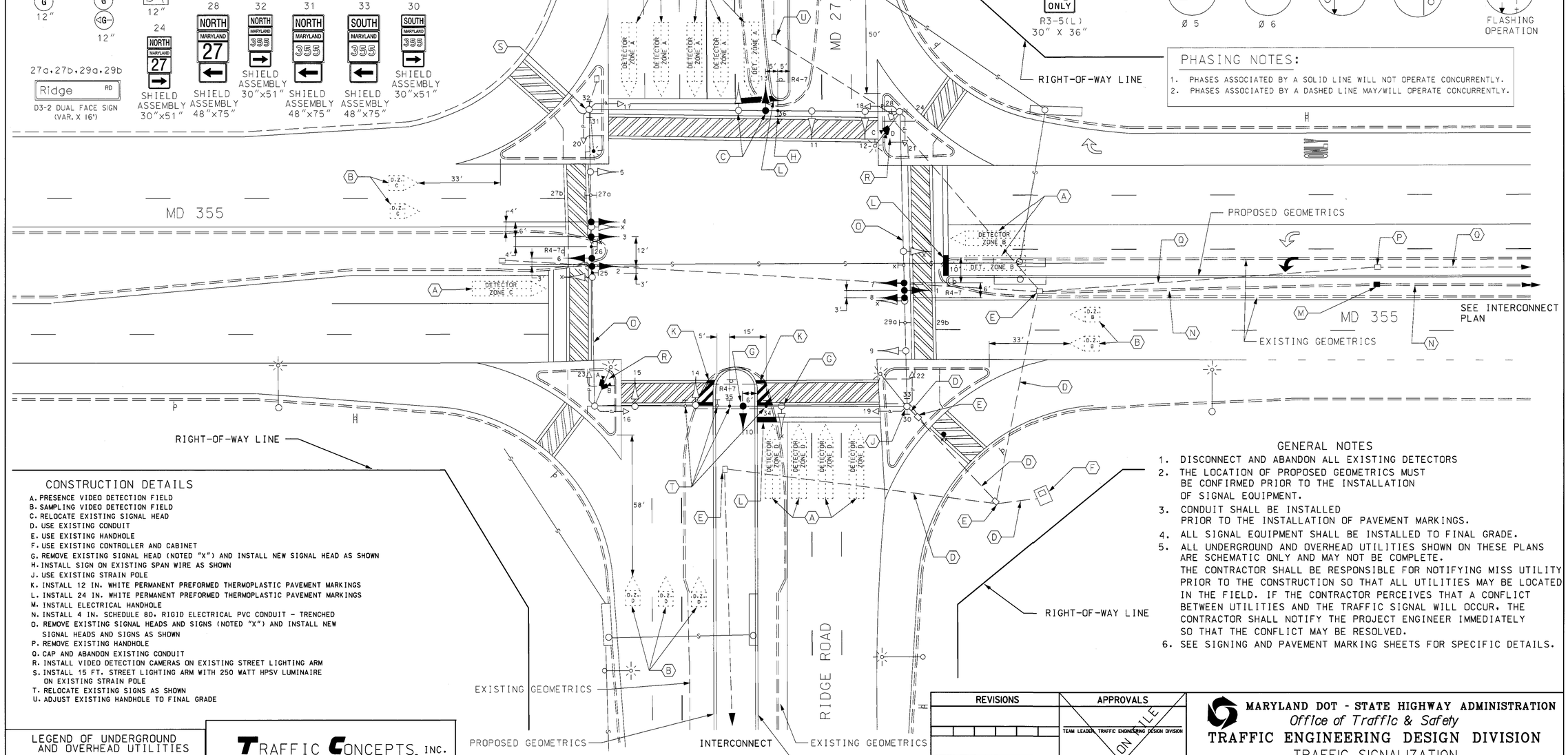
RIGHT-OF-WAY LINE

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.



CONSTRUCTION DETAILS

A. PRESENCE VIDEO DETECTION FIELD
B. SAMPLING VIDEO DETECTION FIELD
C. RELOCATE EXISTING SIGNAL HEAD
D. USE EXISTING CONDUIT
E. USE EXISTING HANDHOLE
F. USE EXISTING CONTROLLER AND CABINET
G. REMOVE EXISTING SIGNAL HEAD (NOTED "X") AND INSTALL NEW SIGNAL HEAD AS SHOWN
H. INSTALL SIGN ON EXISTING SPAN WIRE AS SHOWN
J. USE EXISTING STRAIN POLE
K. INSTALL 12 IN. WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKINGS
L. INSTALL 24 IN. WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKINGS
M. INSTALL ELECTRICAL HANDHOLE
N. INSTALL 4 IN. SCHEDULE 80, RIGID ELECTRICAL PVC CONDUIT - TRENCHED
O. REMOVE EXISTING SIGNAL HEADS AND SIGNS (NOTED "X") AND INSTALL NEW SIGNAL HEADS AND SIGNS AS SHOWN
P. REMOVE EXISTING HANDHOLE
Q. CAP AND ABANDON EXISTING CONDUIT
R. INSTALL VIDEO DETECTION CAMERAS ON EXISTING STREET LIGHTING ARM
S. INSTALL 15 FT. STREET LIGHTING ARM WITH 250 WATT HPSV LUMINAIRE ON EXISTING STRAIN POLE
T. RELOCATE EXISTING SIGNS AS SHOWN
U. ADJUST EXISTING HANDHOLE TO FINAL GRADE

GENERAL NOTES

1. DISCONNECT AND ABANDON ALL EXISTING DETECTORS
2. THE LOCATION OF PROPOSED GEOMETRICS MUST BE CONFIRMED PRIOR TO THE INSTALLATION OF SIGNAL EQUIPMENT.
3. 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. SEE SIGNING AND PAVEMENT MARKING SHEETS FOR SPECIFIC DETAILS.

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
Gambrills, MD 21054
(410) 923-7101

REVISIONS	APPROVALS
6 11-4-02 REPLACE DETECTION DUE TO WIDENING	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
	ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR, TRAFFIC & SAFETY

ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNALIZATION
MD 355 AND MD 27/RIDGE ROAD

DRAWN BY: M.A.M	F.A.P. NO.	TS NO. 870 C	SHEET NO. 1 OF 2
CHECKED BY: S. RENZI	S.H.A. NO.	T.I.M.S. NO. F-061	
SCALE: 1" = 20'	COUNTY: MONTGOMERY		
DATE: 12-17-93	LOG MILE: 1503551 9.83		

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