RIVA ROAD IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION

EXISTING SIGNS

22,23 — Aris T. Allen Blvd — D3-2 SINGLE FACE

18,20 — LEFT TURN SIGNAL — R10-10(L) (18" X 24")

19,21 — LEFT TURN SIGNAL — R10-10(L) (24" X 36")

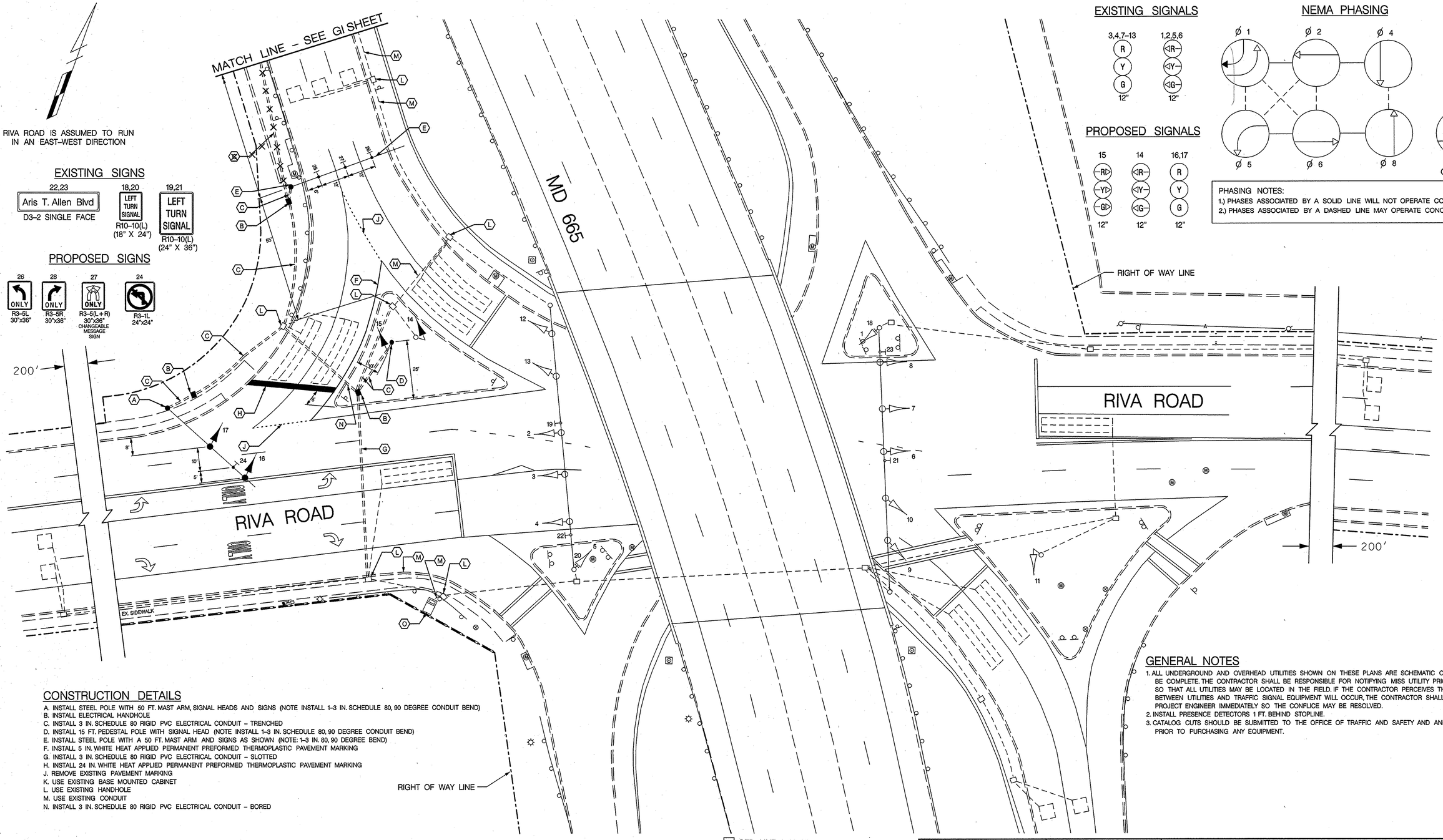
PROPOSED SIGNS

26 — ONLY — R3-5L 30"x36"

28 — ONLY — R3-5R 30"x36"

27 — ONLY — R3-5(L+R) 30"x36" CHANGEABLE MESSAGE SIGN

24 — R3-1L 24"x24"



EXISTING SIGNALS

3,4,7–13: R, Y, G — 12"

1,2,5,6: ◁R, ◁Y, ◁G — 12"

PROPOSED SIGNALS

15: –R▷, –Y▷, –G▷ — 12"

14: ◁R–, ◁Y–, ◁G– — 12"

16,17: R, Y, G — 12"

NEMA PHASING

Ø 1, Ø 2, Ø 4, Ø 5, Ø 6, Ø 8

FLASHING OPERATION

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

CONSTRUCTION DETAILS

A. INSTALL STEEL POLE WITH 50 FT. MAST ARM, SIGNAL HEADS AND SIGNS (NOTE INSTALL 1-3 IN. SCHEDULE 80, 90 DEGREE CONDUIT BEND)
B. INSTALL ELECTRICAL HANDHOLE
C. INSTALL 3 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT – TRENCHED
D. INSTALL 15 FT. PEDESTAL POLE WITH SIGNAL HEAD (NOTE INSTALL 1-3 IN. SCHEDULE 80, 90 DEGREE CONDUIT BEND)
E. INSTALL STEEL POLE WITH A 50 FT. MAST ARM AND SIGNS AS SHOWN (NOTE: 1-3 IN. 80, 90 DEGREE BEND)
F. INSTALL 5 IN. WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING
G. INSTALL 3 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT – SLOTTED
H. INSTALL 24 IN. WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING
J. REMOVE EXISTING PAVEMENT MARKING
K. USE EXISTING BASE MOUNTED CABINET
L. USE EXISTING HANDHOLE
M. USE EXISTING CONDUIT
N. INSTALL 3 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT – BORED

GENERAL NOTES

1. 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 CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND TRAFFIC SIGNAL EQUIPMENT WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THE CONFLICE MAY BE RESOLVED.
2. INSTALL PRESENCE DETECTORS 1 FT. BEHIND STOPLINE.
3. CATALOG CUTS SHOULD BE SUBMITTED TO THE OFFICE OF TRAFFIC AND SAFETY AND ANNE ARUNDEL COUNTY PRIOR TO PURCHASING ANY EQUIPMENT.

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

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

1 RED LINE 3-29-07
TEDD APPROVAL
REVISED POLE LOCATIONS, ADDED CAMERA DETECTION AND ELIMINATED CONDUIT, HANDHOLES AND WIRING.

TRAFFIC CONCEPTS, INC.
325 Gambrills Road
Suite E
Gambrills, MD 21054
(410) 923-7101
FAX (410) 923-6473 EMAIL TRACONCEPT@AOL.COM

REVISIONS	
D 2-08-2005	SIGNALIZE SB MD 665 RAMP RIGHT TURN MOVEMENT — SHA NO. BW-996M82 — TMZ

APPROVALS (ORIGINAL ON FILE)
TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, OFFICE OF TRAFFIC & SAFETY

SHA MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNAL PLAN
MD 665 (PATUXENT BLVD.) AND RIVA ROAD

DRAWN BY:	JSL	F.A.P. NO.	N/A	TS NO. 2249D	SHEET NO.
CHECKED BY:	TAR	S.H.A. NO.	AA 309-503-572		
SCALE:	1" = 20'	COUNTY:	ANNE ARUNDEL	T.I.M.S. NO. G 908	1 OF 2
DATE:	OCTOBER, 1986	LOG MILE:	02066500.93		

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