MD 3 (BUSINESS) IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

EXISTING SIGNS

28 NORTH MARYLAND 97 (36" x 75")
29 NORTH MARYLAND 97 (36" x 75")
27 SOUTH MARYLAND 97 (36" x 75")
ASSOCIATED SHIELD ASSEMBLY

18 ← Veterans Hwy. — D3-2 SINGLE FACE SIGN (VAR. X 16")

21 Crain Hwy. → / ← New Cut Rd — D3-1 SINGLE FACE SIGN (VAR. X 32")

16,17,19 ONLY — R3-5(L) (30" X 36")
20 — R3-6(L) (30" X 36")
22,23 ONLY — R3-5(R) (30" X 36")

30 ↖ Veterans Hwy.
31 Veterans Hwy. ↗ / ↑SERVICES↗

24,25,26 NO TURN ON RED — R10-11(B) (24" X 24")

EXISTING SIGNS TO BE RELOCATED

14 ONLY — R3-5(L) (30" X 36")
15 Veterans Hwy. → — D3-2 SINGLE FACE SIGN (VAR. X 16")

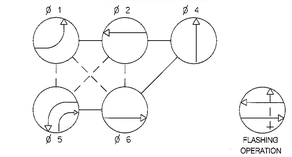
PROPOSED SIGNALS (BLACK FACE)

3,4,8,9,10,12: R Y G 12"
1,2,5,6,7: ◄R ◄Y ◄G 12"
11: R Y G ►Y ►G 8"/12"
13: R Y G ►Y ►G 12"

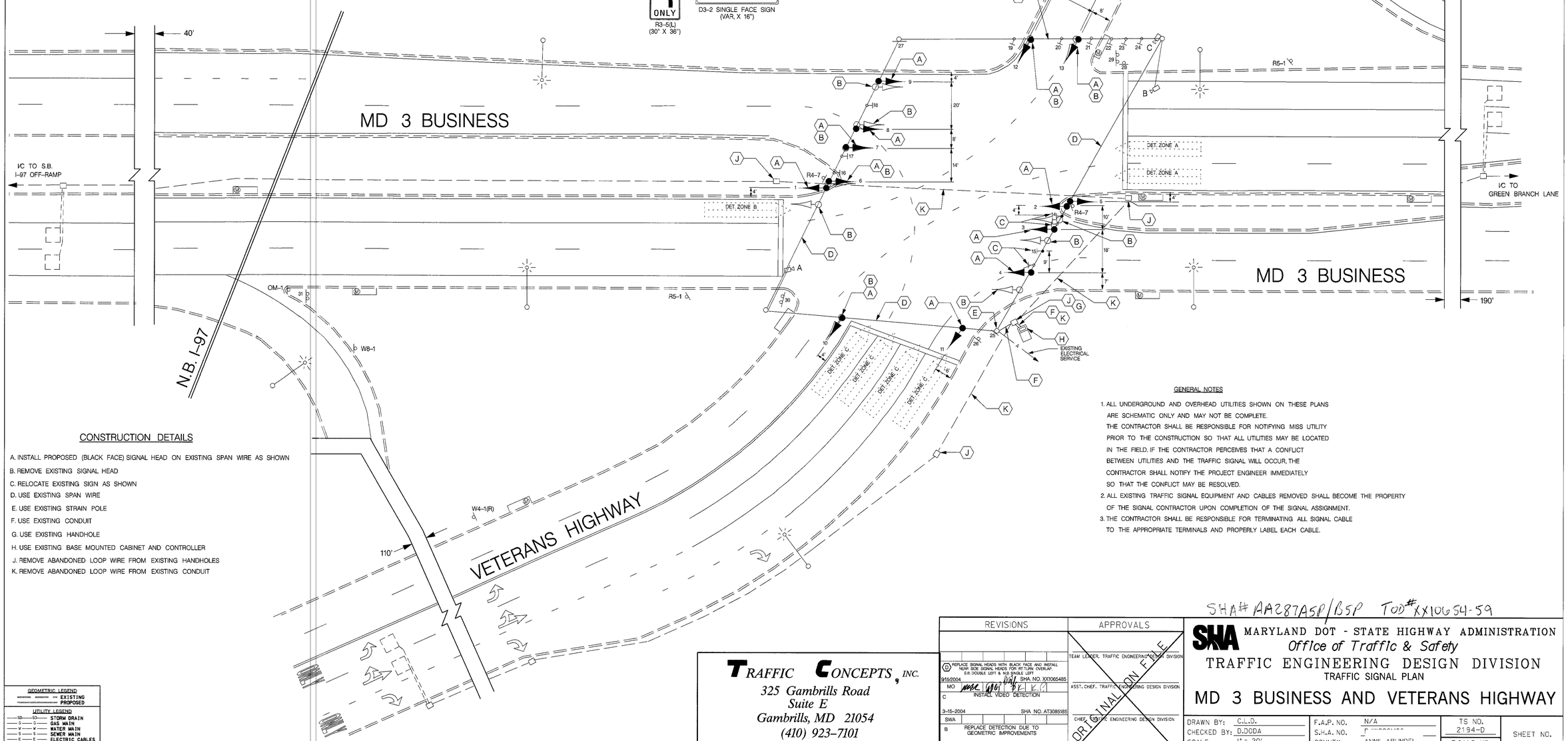
EXISTING VIDEO DETECTION CAMERA

A, B, C

NEMA PHASING



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



CONSTRUCTION DETAILS

A. INSTALL PROPOSED (BLACK FACE) SIGNAL HEAD ON EXISTING SPAN WIRE AS SHOWN
B. REMOVE EXISTING SIGNAL HEAD
C. RELOCATE EXISTING SIGN AS SHOWN
D. USE EXISTING SPAN WIRE
E. USE EXISTING STRAIN POLE
F. USE EXISTING CONDUIT
G. USE EXISTING HANDHOLE
H. USE EXISTING BASE MOUNTED CABINET AND CONTROLLER
J. REMOVE ABANDONED LOOP WIRE FROM EXISTING HANDHOLES
K. REMOVE ABANDONED LOOP WIRE FROM EXISTING CONDUIT

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 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.
2. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT AND CABLES REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE SIGNAL ASSIGNMENT.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.

GEOMETRIC LEGEND
EXISTING
PROPOSED

UTILITY LEGEND
SD — STORM DRAIN
G — GAS MAIN
W — WATER MAIN
S — SEWER MAIN
E — ELECTRIC CABLES
A — AERIAL CABLES
T — TELEPHONE CABLES
F — FIBER-OPTIC

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

REVISIONS		
D	REPLACE SIGNAL HEADS WITH BLACK FACE AND INSTALL NEAR SIDE SIGNAL HEADS FOR RETURN OVERLAP. S.B. DOUBLE LEFT & N.B. SINGLE LEFT	9/15/2004 SHA NO. XX1065485
MO	INSTALL VIDEO DETECTION	
C		3-15-2004 SHA NO. AT3085185
SWA		
B	REPLACE DETECTION DUE TO GEOMETRIC IMPROVEMENTS	9-19-1998 SHA NO. BW-996M82
TMZ	MAR	

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

SHA# AA287A5P/B5P TOD# XX1065 4-59

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNAL PLAN

MD 3 BUSINESS AND VETERANS HIGHWAY

DRAWN BY: C.L.D.	F.A.P. NO. N/A	TS NO. 2194-D	SHEET NO.
CHECKED BY: D.DODA	S.H.A. NO.		
SCALE: 1" = 20'	COUNTY: ANNE ARUNDEL	T.I.M.S. NO. G427	1 OF 2
DATE: NOV. 1986	LOG MILE: 02B00300.62		

m:\1000\02-1039\52 md bus 3 @ vet Sep. 15, 2004 16:14:42