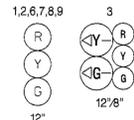


MD 658 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

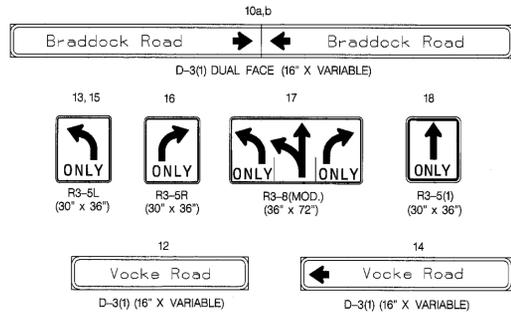
EXISTING SIGNALS



EXISTING OPTICOM DETECTOR EYE



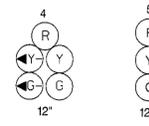
EXISTING SIGNS



TO MD 53 (WINCHESTER RD.)

I-68 OFF RAMP

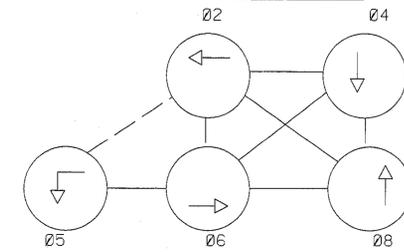
PROPOSED SIGNALS



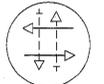
EXISTING SIGN TO BE RELOCATED



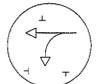
NEMA PHASING



FLASHING OPERATION

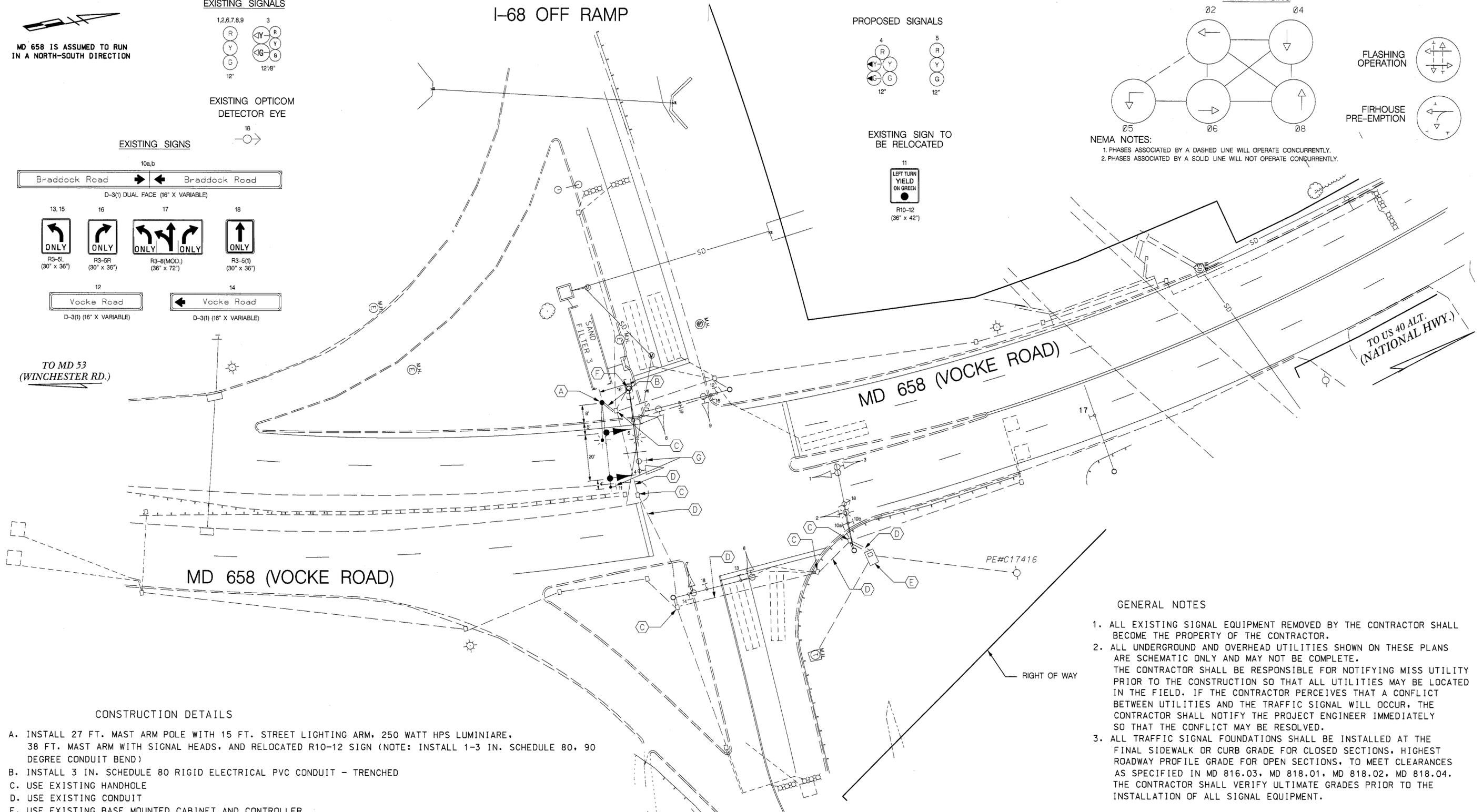


FIRHOUSE PRE-EMPTION



NEMA NOTES:

- PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
- PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.



TO US 40 ALT. (NATIONAL HWY.)

CONSTRUCTION DETAILS

- INSTALL 27 FT. MAST ARM POLE WITH 15 FT. STREET LIGHTING ARM, 250 WATT HPS LUMINAIRE, 38 FT. MAST ARM WITH SIGNAL HEADS, AND RELOCATED R10-12 SIGN (NOTE: INSTALL 1-3 IN. SCHEDULE 80, 90 DEGREE CONDUIT BEND)
- INSTALL 3 IN. SCHEDULE 80 RIGID ELECTRICAL PVC CONDUIT - TRENCHED
- USE EXISTING HANDHOLE
- USE EXISTING CONDUIT
- USE EXISTING BASE MOUNTED CABINET AND CONTROLLER
- REMOVE EXISTING MAST ARM POLE, STREET LIGHTING ARM, SIGNAL HEADS, AND ALL ASSOCIATED WIRING
- RELOCATE EXISTING R10-12 SIGN FROM EXISTING MAST ARM TO PROPOSED MAST ARM AS SHOWN

GENERAL NOTES

- ALL EXISTING SIGNAL EQUIPMENT REMOVED BY THE CONTRACTOR SHALL BECOME THE PROPERTY OF THE CONTRACTOR.
- 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.
- ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS, HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS, TO MEET CLEARANCES AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

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

MD 49 (BRADDOCK ROAD)

**TRAFFIC CONCEPTS, INC.**  
 325 Gambrills Road  
 Suite E  
 Gambrills, MD 21054  
 (410) 923-7101

FAX (410) 923-6473 EMAIL TRACONCEPT@AOL.COM

REVISIONS	APPROVALS
H 7/2004 REPLACE DAMAGED SIGNAL POLE TYP# NO. 0547	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
G 07/2001 GEOMETRIC IMPROVEMENTS FOR A RIGHT TURN LANE ON MD 49. SHA No. ALB419176	ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
F 06/2000 ADD EMERGENCY SERVICES SIGNAL PRE-EMPTION (OPTICOM) FOR SOUTHBOUND MD 658 SHA No. XXI005785	CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
E 06/93 REDLINE REVISION	DIRECTOR, TRAFFIC & SAFETY
WM CRS DD OAZ ETP TH	

**MARYLAND DOT - STATE HIGHWAY ADMINISTRATION**  
 Office of Traffic & Safety  
**TRAFFIC ENGINEERING DESIGN DIVISION**  
 SIGNALIZATION PLAN  
 MD 658 (VOCKE ROAD) AND I-68 OFF RAMP/MD 49 (BRADDOCK ROAD)

DRAWN BY: B.F.	F.A.P. NO.	TS NO. 318-H	SHEET NO. 1 OF 2
CHECKED BY: J.M.	S.H.A. NO.	T.I.M.S. NO. G547	
SCALE: 1" = 20'	COUNTY: ALLEGANY		
DATE: JULY 2001	LOG MILE: 01065800.63		