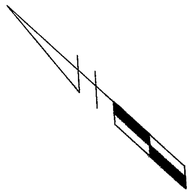
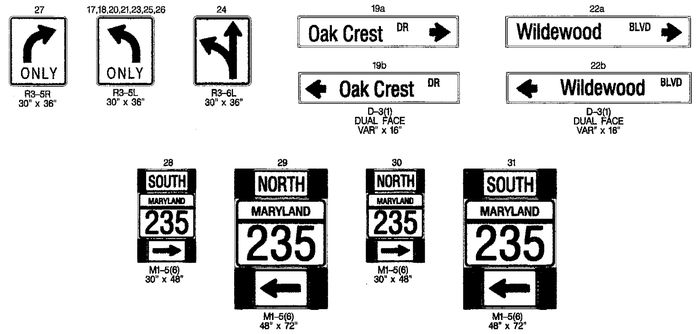
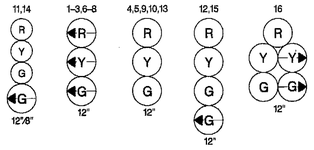
PROPOSED SIGNS



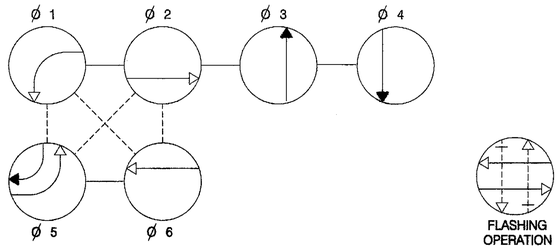
MD 235 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION



PROPOSED BLACKFACE L.E.D. TRAFFIC SIGNAL HEADS



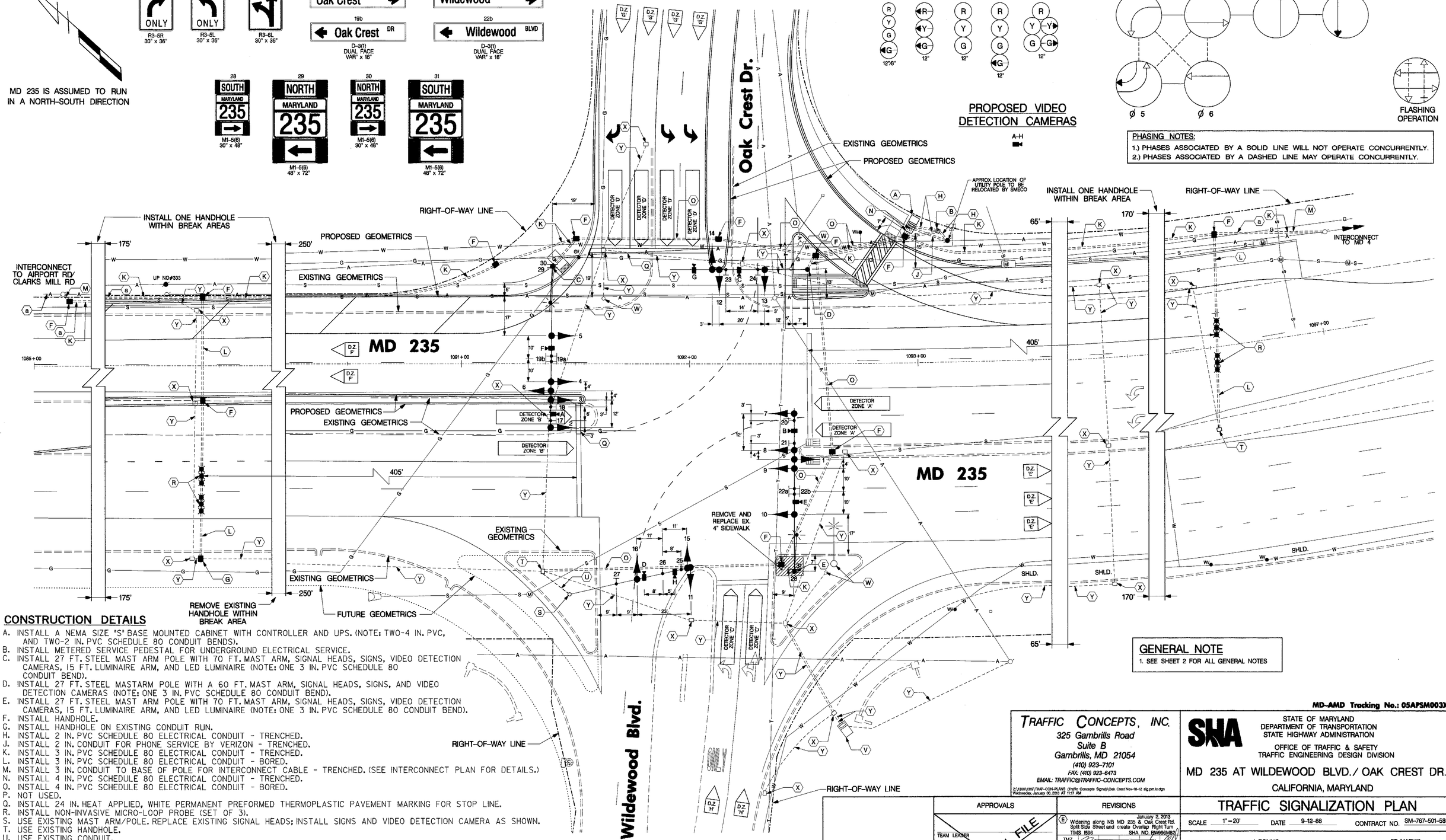
NEMA PHASING



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

PROPOSED VIDEO DETECTION CAMERAS

A-H



CONSTRUCTION DETAILS

A. INSTALL A NEMA SIZE "S" BASE MOUNTED CABINET WITH CONTROLLER AND UPS. (NOTE: TWO-4 IN. PVC, AND TWO-2 IN. PVC SCHEDULE 80 CONDUIT BENDS).
B. INSTALL METERED SERVICE PEDESTAL FOR UNDERGROUND ELECTRICAL SERVICE.
C. INSTALL 27 FT. STEEL MAST ARM POLE WITH 70 FT. MAST ARM, SIGNAL HEADS, SIGNS, VIDEO DETECTION CAMERAS, 15 FT. LUMINAIRE ARM, AND LED LUMINAIRE (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND).
D. INSTALL 27 FT. STEEL MASTARM POLE WITH A 60 FT. MAST ARM, SIGNAL HEADS, SIGNS, AND VIDEO DETECTION CAMERAS (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND).
E. INSTALL 27 FT. STEEL MAST ARM POLE WITH 70 FT. MAST ARM, SIGNAL HEADS, SIGNS, VIDEO DETECTION CAMERAS, 15 FT. LUMINAIRE ARM, AND LED LUMINAIRE (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND).
F. INSTALL HANDHOLE.
G. INSTALL HANDHOLE ON EXISTING CONDUIT RUN.
H. INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
J. INSTALL 2 IN. CONDUIT FOR PHONE SERVICE BY VERIZON - TRENCHED.
K. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
L. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
M. INSTALL 3 IN. CONDUIT TO BASE OF POLE FOR INTERCONNECT CABLE - TRENCHED. (SEE INTERCONNECT PLAN FOR DETAILS.)
N. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
O. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
P. NOT USED.
Q. INSTALL 24 IN. HEAT APPLIED, WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR STOP LINE.
R. INSTALL NON-INVASIVE MICRO-LOOP PROBE (SET OF 3).
S. USE EXISTING MAST ARM/POLE. REPLACE EXISTING SIGNAL HEADS; INSTALL SIGNS AND VIDEO DETECTION CAMERA AS SHOWN.
T. USE EXISTING HANDHOLE.
U. USE EXISTING CONDUIT.
V. REMOVE EXISTING CABINET/CONTROLLER.
W. REMOVE EXISTING STEEL POLE (12 IN. BELOW GRADE) AND ALL ATTACHED EQUIPMENT
X. REMOVE EXISTING HANDHOLE.
Y. CAP AND ABANDON EXISTING CONDUIT.
Z. NOT USED.
a. RELOCATE EXISTING INTERCONNECT CABLE. (SEE INTERCONNECT PLAN FOR DETAILS.)

GENERAL NOTE

1. SEE SHEET 2 FOR ALL GENERAL NOTES

MD-AMD Tracking No.: 05APSM003XX

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

Z:\1300\1319\TRAF-CON-PLANS (Traffic Concepts Signal)\Oak Crest Nov-18-12 sig pm.tc.dgn
Wednesday, January 30, 2013 AT 11:17 AM

SHA
STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 235 AT WILDEWOOD BLVD./ OAK CREST DR.
CALIFORNIA, MARYLAND

TRAFFIC SIGNALIZATION PLAN

SCALE 1"=20'	DATE 9-12-88	CONTRACT NO. SM-767-501-585	
DESIGNED BY J. BOLING		COUNTY ST. MARY'S	
DRAWN BY J. BOLING		LOGMILE 18023517.48	
CHECKED BY -		T.I.M.S. NO.	
F.A.P. NO. N/A		TOD NO. N / A	
DRAWING NO. TS—2535 E		SHEET NO. 1 OF 4	

APPROVALS

TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR

ORIGINAL ON FILE

PROFESSIONAL CERTIFICATION. I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. 6849 EXPIRATION DATE: 5/8/2014

REVISIONS

E	Widening along NB MD 235 & Oak Crest Rd. Split Side Street and create Overlap Right Turn. TIMS 1596 SHA NO. BW996M82	January 2, 2013
D	Modified due to geometrics. TIMS K872 SHA NO. BW996M82	December 6, 2011
C	Add I/C and Asbuilt	November 20, 1992

TTG FDB
RRZ MAR