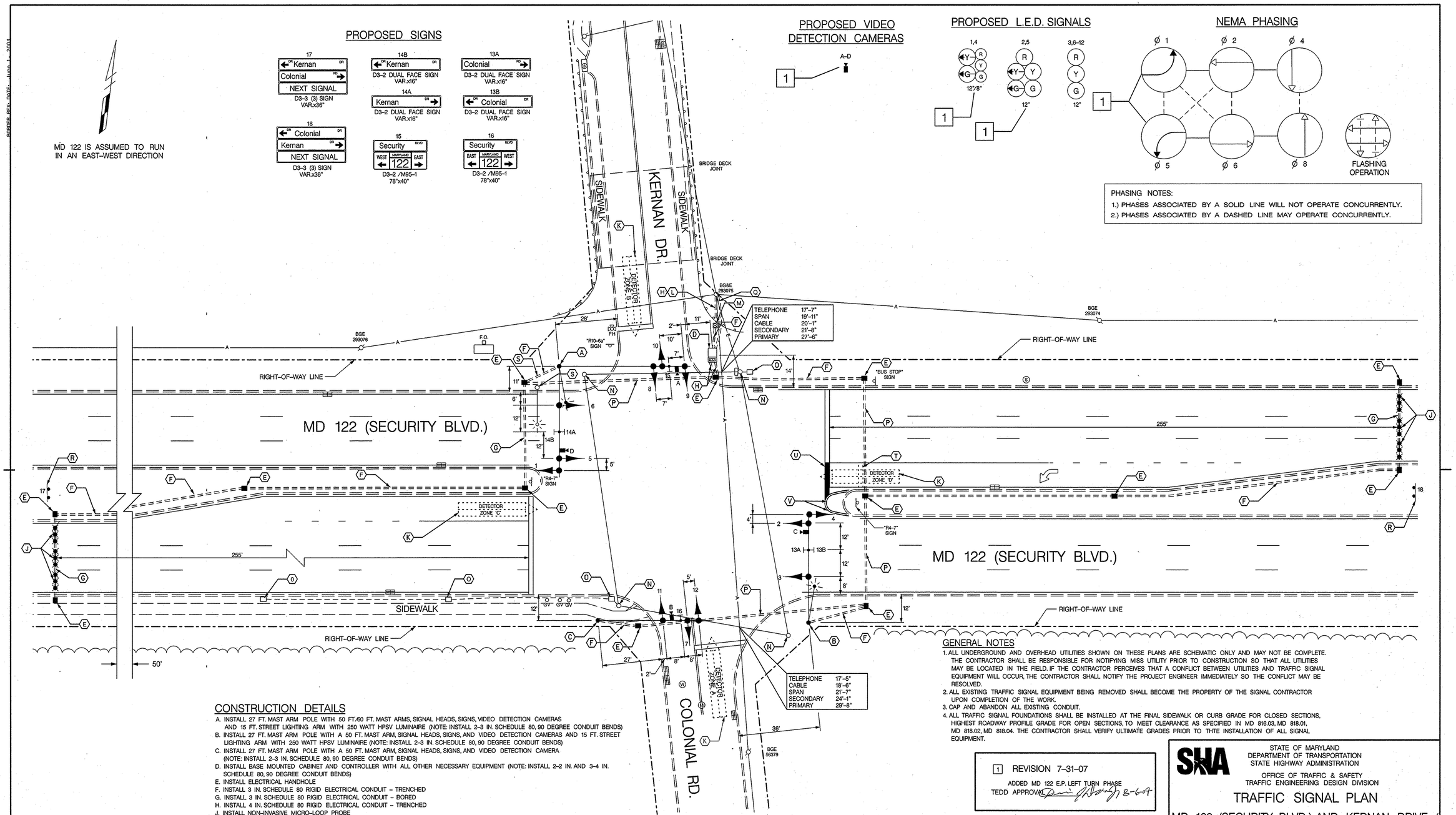


## CONSTRUCTION DETAILS

A. INSTALL 27 FT. MAST ARM POLE WITH 50 FT./60 FT. MAST ARMS, SIGNAL HEADS, SIGNS, VIDEO DETECTION CAMERAS AND 15 FT. STREET LIGHTING ARM WITH 250 WATT HPSV LUMINAIRE (NOTE: INSTALL 2-3 IN. SCHEDULE 80, 90 DEGREE CONDUIT BENDS)
B. INSTALL 27 FT. MAST ARM POLE WITH A 50 FT. MAST ARM, SIGNAL HEADS, SIGNS, AND VIDEO DETECTION CAMERAS AND 15 FT. STREET LIGHTING ARM WITH 250 WATT HPSV LUMINAIRE (NOTE: INSTALL 2-3 IN. SCHEDULE 80, 90 DEGREE CONDUIT BENDS)
C. INSTALL 27 FT. MAST ARM POLE WITH A 50 FT. MAST ARM, SIGNAL HEADS, SIGNS, AND VIDEO DETECTION CAMERA (NOTE: INSTALL 2-3 IN. SCHEDULE 80, 90 DEGREE CONDUIT BENDS)
D. INSTALL BASE MOUNTED CABINET AND CONTROLLER WITH ALL OTHER NECESSARY EQUIPMENT (NOTE: INSTALL 2-2 IN. AND 3-4 IN. SCHEDULE 80, 90 DEGREE CONDUIT BENDS)
E. INSTALL ELECTRICAL HANDHOLE
F. INSTALL 3 IN. SCHEDULE 80 RIGID ELECTRICAL CONDUIT - TRENCHED
G. INSTALL 3 IN. SCHEDULE 80 RIGID ELECTRICAL CONDUIT - BORED
H. INSTALL 4 IN. SCHEDULE 80 RIGID ELECTRICAL CONDUIT - TRENCHED
J. INSTALL NON-INVASIVE MICRO-LOOP PROBE
K. VIDEO DETECTION ZONE
L. PROPOSED UNDERGROUND ELECTRIC SERVICE
M. INSTALL METER SERVICE PEDESTAL
N. REMOVE EXISTING STRAIN POLE AND ALL ASSOCIATED EQUIPMENT
O. REMOVE EXISTING HANDHOLE
P. INSTALL 4 IN. SCHEDULE 80 RIGID ELECTRICAL CONDUIT - BORED
Q. INSTALL 2 IN. SCHEDULE 80 RIGID ELECTRICAL CONDUIT - TRENCHED
R. INSTALL D3-3 (3) SIGN ON TWO 4 IN. X 6 IN. WOOD SUPPORTS APPROXIMATELY 550 FT. IN ADAVANCE OF THE INTERSECTION
S. REMOVE EXISTING STEEL POLE AND STREET LIGHT
T. REMOVE EXISTING STOP LINE
U. INSTALL 24 IN. WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING
V. INSTALL 5 IN. YELLOW PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING

## 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 CONFLICT MAY BE RESOLVED.
2. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT BEING REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE WORK.
3. CAP AND ABANDON ALL EXISTING CONDUIT.
4. 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 CLEARANCE AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THTE 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 |

1 REVISION 7-31-07
ADDED MD 122 E.P. LEFT TURN PHASE
TEDD APPROVAL 8-6-07


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


APPROVALS
TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR
ORIGINAL ON FILE

REVISIONS
B RECONSTRUCT SIGNAL 12-04-06 SHA NO. AT9125185 TMZ
A INSTALL VIDEO DETECTION CAMERA 11-12-02 NML

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

# TRAFFIC SIGNAL PLAN

## MD 122 (SECURITY BLVD.) AND KERNAN DRIVE / COLONIAL ROAD

SCALE 1" = 20' DATE CONTRACT NO.

| | | | |
|---|---|---|---|
| DESIGNED BY | S. BLOSS | COUNTY | BALTIMORE |
| DRAWN BY | N. LEARY | LOGMILE | 03012202.07 |
| CHECKED BY | | T.I.M.S. NO. | H 349 |
| F.A.P. NO. | N/A | TOD NO. | |

DRAWING NO. TS-4541 B SHEET NO. 1 OF 2