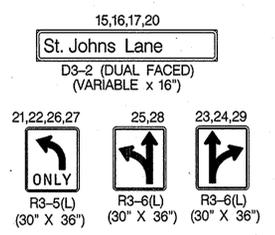


DRILL HOLES

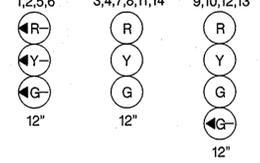
DRILL HOLES

DRILL HOLES

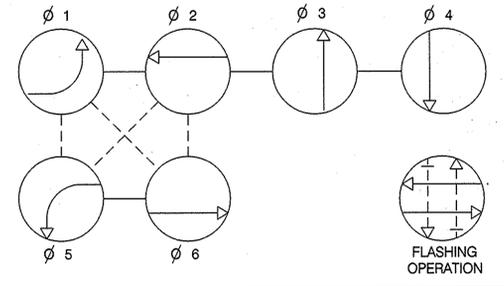
EXISTING SIGNS



EXISTING SIGNALS

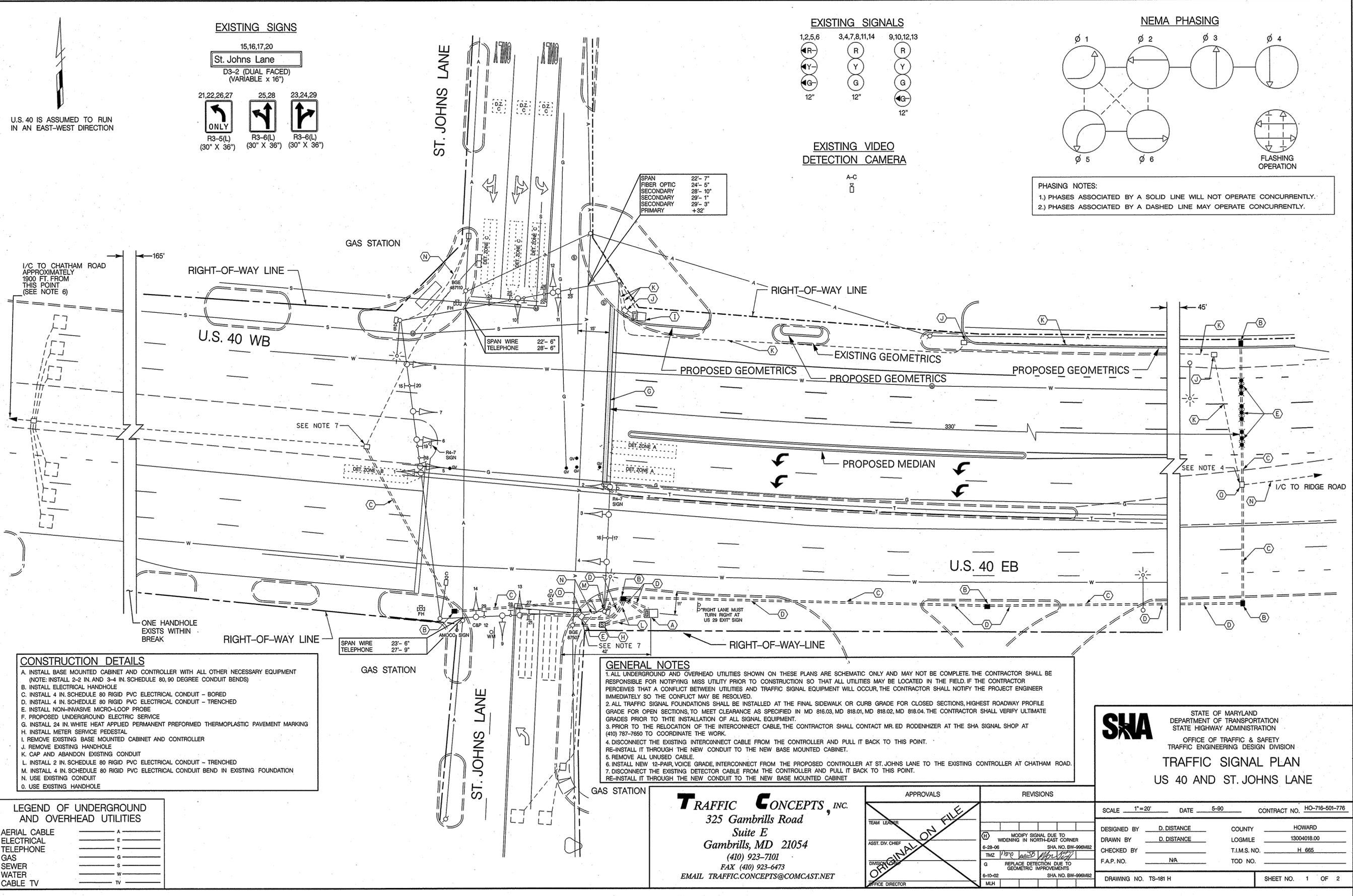


NEMA PHASING



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

EXISTING VIDEO DETECTION CAMERA



- CONSTRUCTION DETAILS
A. INSTALL BASE MOUNTED CABINET AND CONTROLLER WITH ALL OTHER NECESSARY EQUIPMENT
B. INSTALL ELECTRICAL HANDHOLE
C. INSTALL 4 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT - BORED
D. INSTALL 4 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT - TRENCHED
E. INSTALL NON-INVASIVE MICRO-LOOP PROBE
F. PROPOSED UNDERGROUND ELECTRIC SERVICE
G. INSTALL 24 IN. WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING
H. INSTALL METER SERVICE PEDESTAL
I. REMOVE EXISTING BASE MOUNTED CABINET AND CONTROLLER
J. REMOVE EXISTING HANDHOLE
K. CAP AND ABANDON EXISTING CONDUIT
L. INSTALL 2 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT - TRENCHED
M. INSTALL 4 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT BEND IN EXISTING FOUNDATION
N. USE EXISTING CONDUIT
O. USE EXISTING HANDHOLE

- 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 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 THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
3. PRIOR TO THE RELOCATION OF THE INTERCONNECT CABLE, THE CONTRACTOR SHALL CONTACT MR. ED RODENHIZER AT THE SHA SIGNAL SHOP AT (410) 787-7650 TO COORDINATE THE WORK.
4. DISCONNECT THE EXISTING INTERCONNECT CABLE FROM THE CONTROLLER AND PULL IT BACK TO THIS POINT.
RE-INSTALL IT THROUGH THE NEW CONDUIT TO THE NEW BASE MOUNTED CABINET.
5. REMOVE ALL UNUSED CABLE.
6. INSTALL NEW 12-PAIR, VOICE GRADE, INTERCONNECT FROM THE PROPOSED CONTROLLER AT ST. JOHNS LANE TO THE EXISTING CONTROLLER AT CHATHAM ROAD.
7. DISCONNECT THE EXISTING DETECTOR CABLE FROM THE CONTROLLER AND PULL IT BACK TO THIS POINT.
RE-INSTALL IT THROUGH THE NEW CONDUIT TO THE NEW BASE MOUNTED CABINET.

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES
AERIAL CABLE - A
ELECTRICAL - E
TELEPHONE - T
GAS - G
SEWER - S
WATER - W
CABLE TV - TV

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APPROVALS
TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR

Table with columns for REVISIONS and rows for various modifications like 'MODIFY SIGNAL DUE TO WIDENING IN NORTH-EAST CORNER'.

SHA STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION OFFICE OF TRAFFIC & SAFETY TRAFFIC ENGINEERING DESIGN DIVISION TRAFFIC SIGNAL PLAN US 40 AND ST. JOHNS LANE. Includes scale, date, contract no., and drawing no. information.