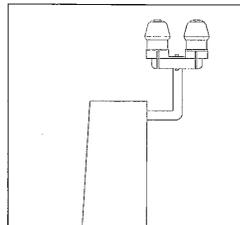




US 50 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION.

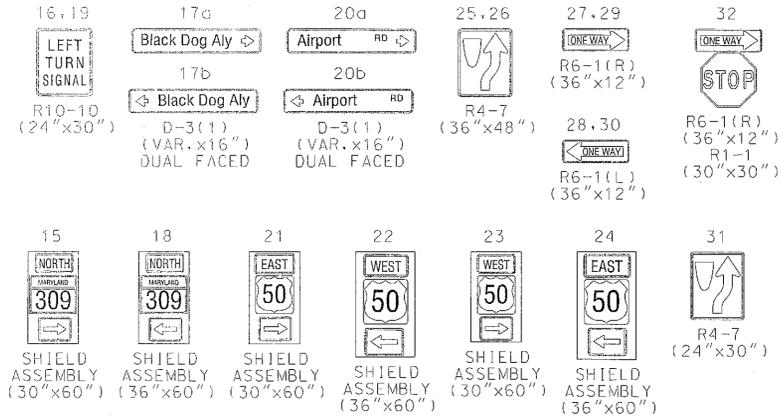


OBSTRUCTION LIGHTING - NORTHEAST CORNER AND SOUTHWEST CORNER SIGNAL POLES

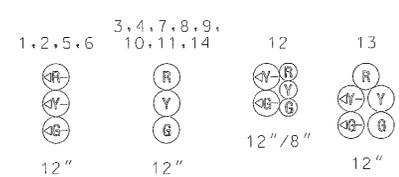
AIRPORT LIGHTING CONTROL EQUIPMENT

TO MD 404

EXISTING SIGNS



EXISTING SIGNALS



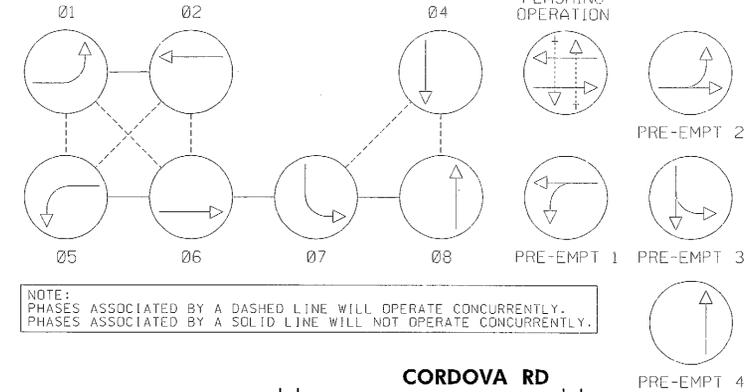
EXISTING OPTICOM DETECTOR EYE

PROPOSED SIGNALS

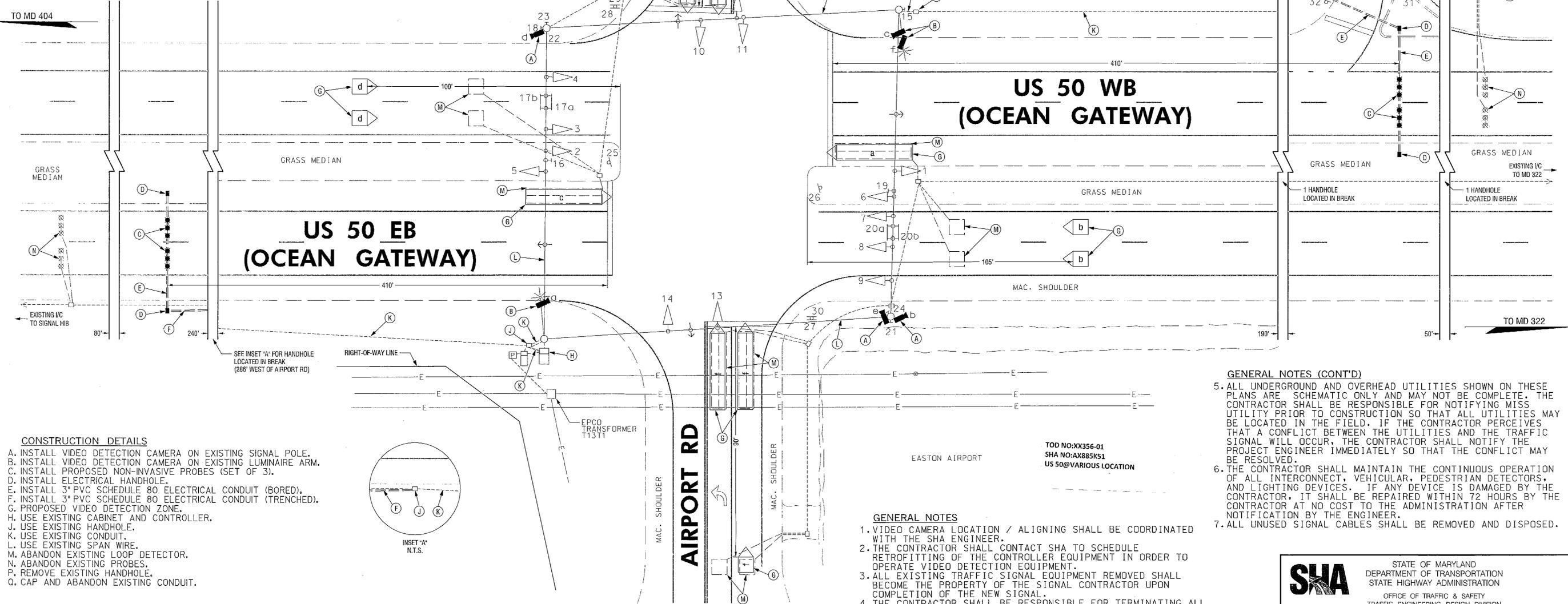
a, b, c, d, e, f

PROPOSED VIDEO DETECTION

NEMA PHASING

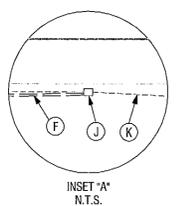


NOTE: PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.



CONSTRUCTION DETAILS

- A. INSTALL VIDEO DETECTION CAMERA ON EXISTING SIGNAL POLE.
B. INSTALL VIDEO DETECTION CAMERA ON EXISTING LUMINAIRE ARM.
C. INSTALL PROPOSED NON-INVASIVE PROBES (SET OF 3).
D. INSTALL ELECTRICAL HANDHOLE.
E. INSTALL 3" PVC SCHEDULE 80 ELECTRICAL CONDUIT (BORED).
F. INSTALL 3" PVC SCHEDULE 80 ELECTRICAL CONDUIT (TRENCHED).
G. PROPOSED VIDEO DETECTION ZONE.
H. USE EXISTING CABINET AND CONTROLLER.
I. USE EXISTING HANDHOLE.
J. USE EXISTING CONDUIT.
K. USE EXISTING SPAN WIRE.
L. ABANDON EXISTING LOOP DETECTOR.
M. ABANDON EXISTING PROBES.
N. ABANDON EXISTING HANDHOLE.
O. CAP AND ABANDON EXISTING CONDUIT.



GENERAL NOTES

- 1. VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
2. THE CONTRACTOR SHALL CONTACT SHA TO SCHEDULE RETROFITTING OF THE CONTROLLER EQUIPMENT IN ORDER TO OPERATE VIDEO DETECTION EQUIPMENT.
3. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE NEW SIGNAL.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.

GENERAL NOTES (CONT'D)

- 5. 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...
6. THE CONTRACTOR SHALL MAINTAIN THE CONTINUOUS OPERATION OF ALL INTERCONNECT, VEHICULAR, PEDESTRIAN DETECTORS, AND LIGHTING DEVICES...
7. ALL UNUSED SIGNAL CABLES SHALL BE REMOVED AND DISPOSED.

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

Table with columns for APPROVALS and REVISIONS. Includes a stamp 'ORIGINAL ON FILE'.

Table with columns for REVISIONS. Includes details for detection upgrade and signal modifications.

SHA STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION OFFICE OF TRAFFIC & SAFETY TRAFFIC ENGINEERING DESIGN DIVISION US 50 AND MD 309 /AIRPORT RD DETECTION UPGRADE TRAPPE, MD

Table with columns for SCALE, DATE, CONTRACT NO., DESIGNED BY, CHECKED BY, F.A.P. NO., TS NO., DRAWING, SHEET NO.