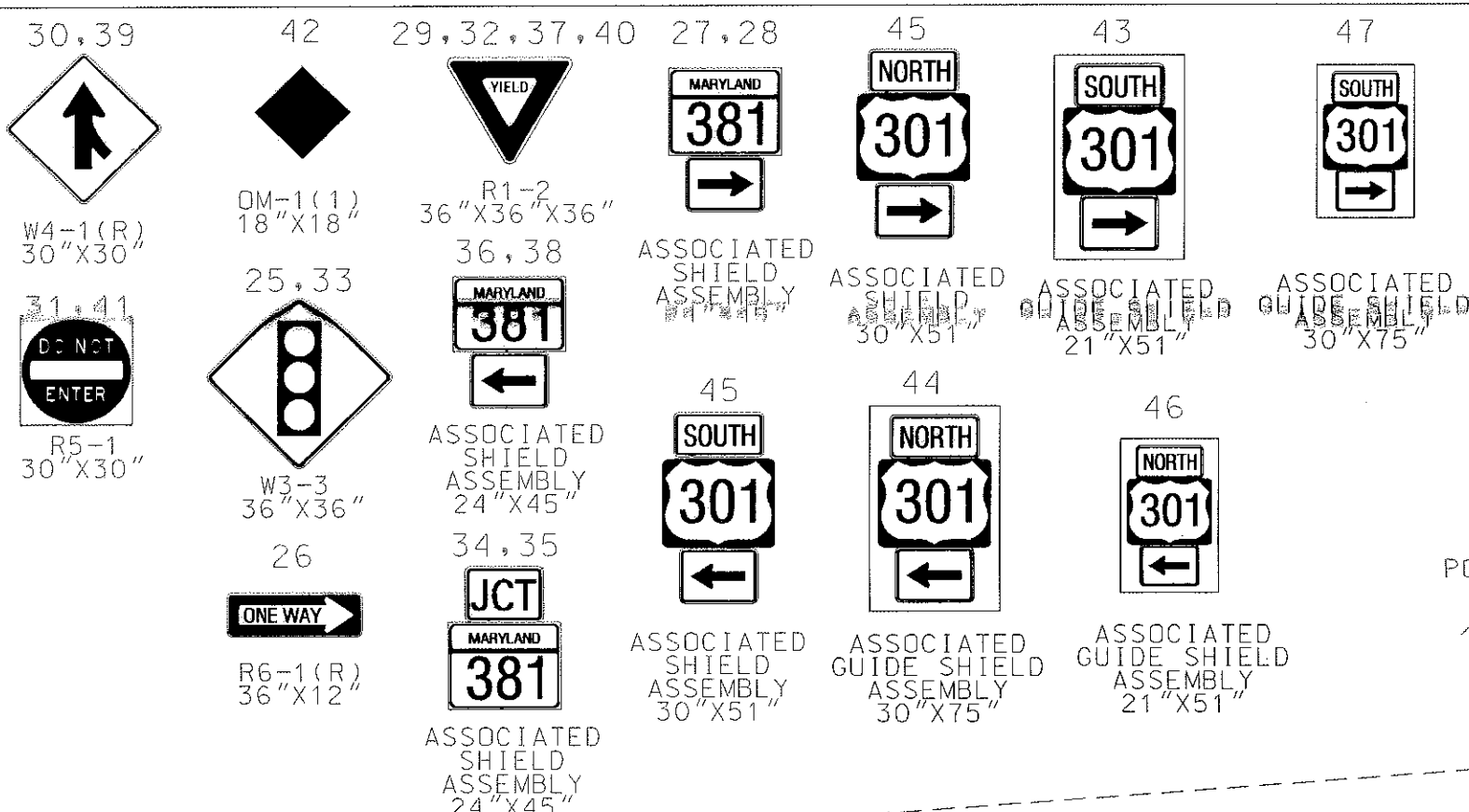
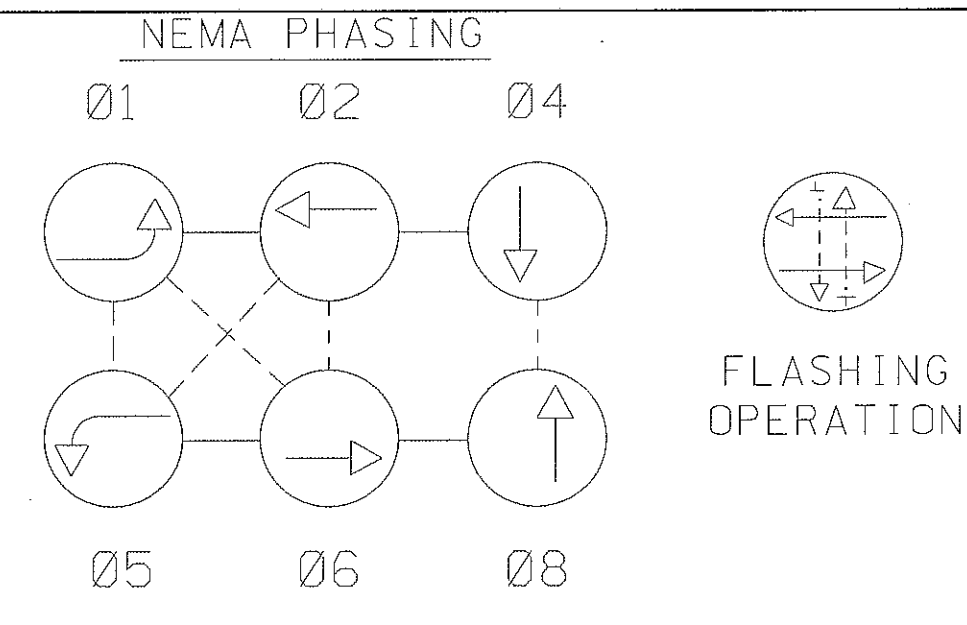
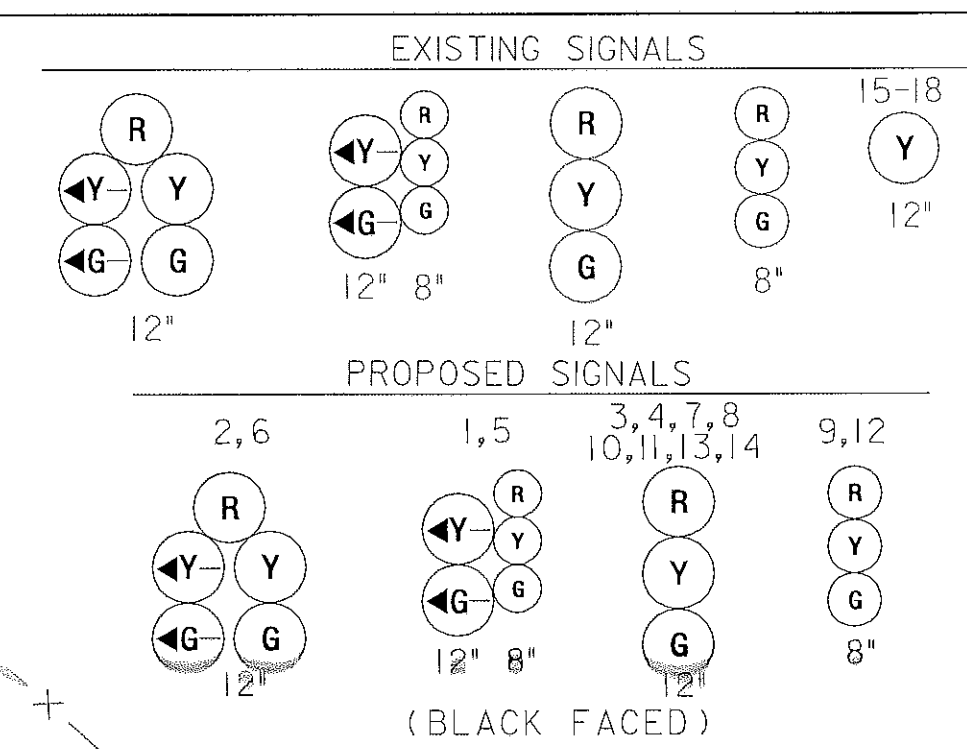
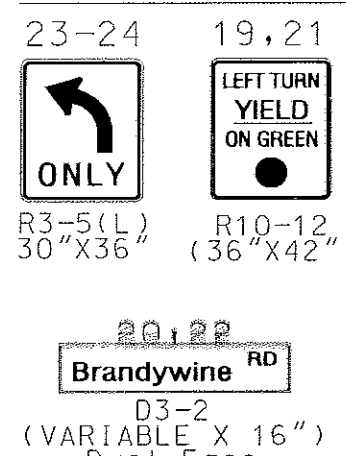


US 301 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

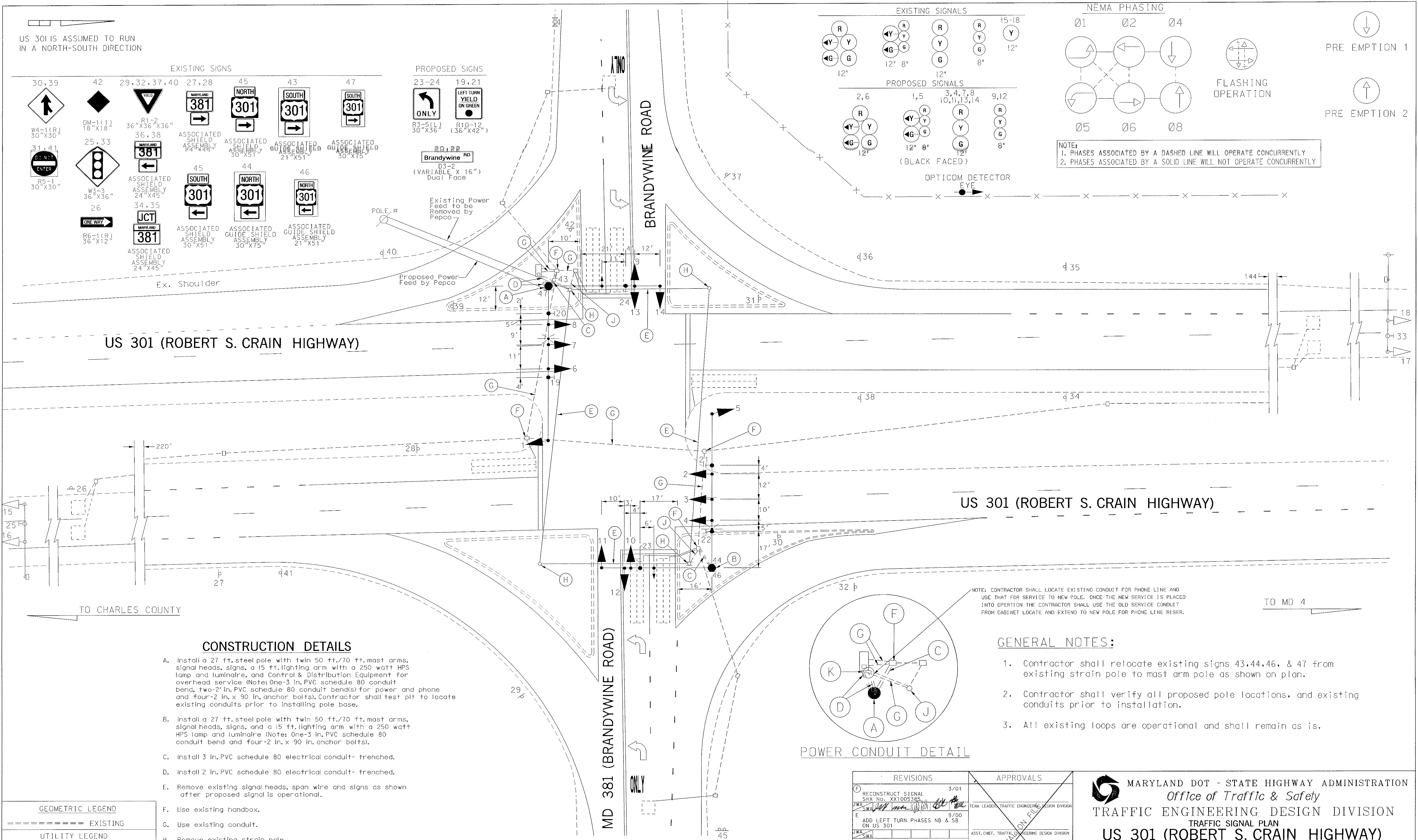
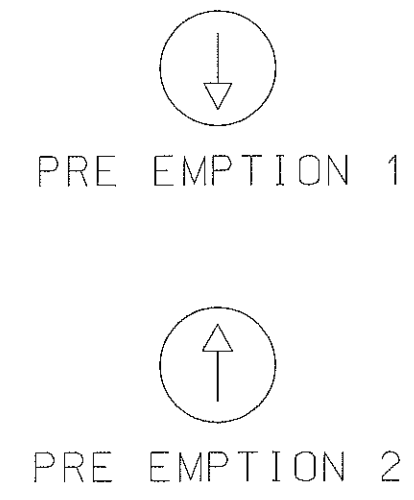
EXISTING SIGNS



PROPOSED SIGNS



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



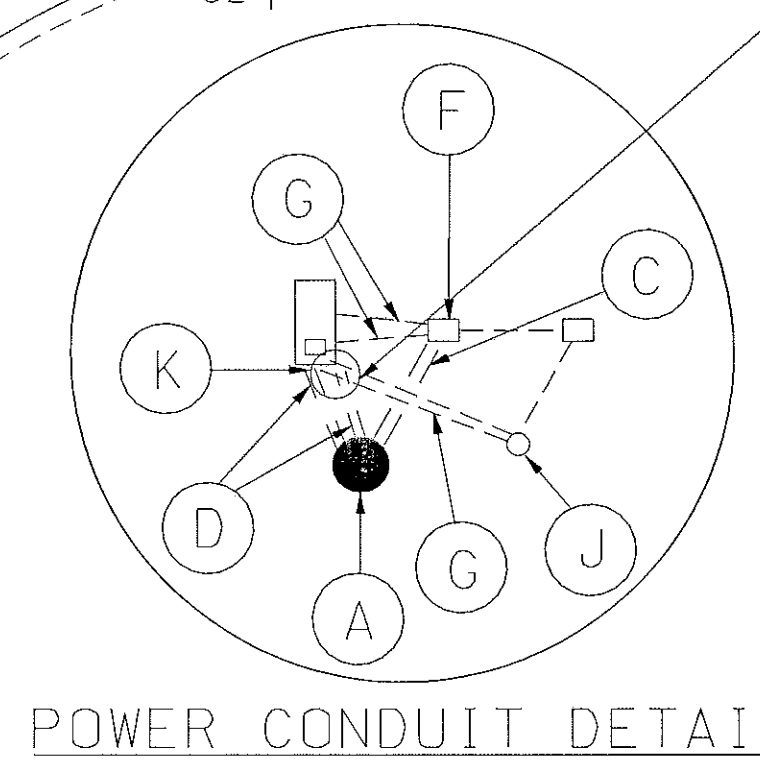
CONSTRUCTION DETAILS

- Install a 27 ft. steel pole with twin 50 ft./70 ft. mast arms, signal heads, signs, a 15 ft. lighting arm with a 250 watt HPS lamp and luminaire, and Control & Distribution Equipment for overhead service (Note: One-3 in. PVC schedule 80 conduit bend, two-2 in. PVC schedule 80 conduit bends) for power and phone and four-2 in. x 90 in. anchor bolts). Contractor shall test pit to locate existing conduits prior to installing pole base.
- Install a 27 ft. steel pole with twin 50 ft./70 ft. mast arms, signal heads, signs, and a 15 ft. lighting arm with a 250 watt HPS lamp and luminaire (Note: One-3 in. PVC schedule 80 conduit bend and four-2 in. x 90 in. anchor bolts).
- Install 3 in. PVC schedule 80 electrical conduit- trenched.
- Install 2 in. PVC schedule 80 electrical conduit- trenched.
- Remove existing signal heads, span wire and signs as shown after proposed signal is operational.
- Use existing handbox.
- Use existing conduit.
- Remove existing strain pole.
- Cap & abandon existing conduit.
- Use existing 2" PVC schedule 80 conduit bend in existing cabinet that was for the phone line for proposed service feed to proposed pole. Use old 2" service conduit for new phone line raceway into existing cabinet after new service is in operation. (Note: See power conduit detail.)

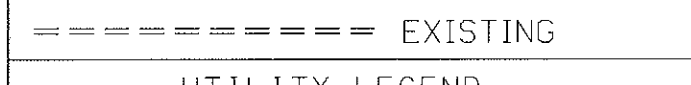
NOTE: CONTRACTOR SHALL LOCATE EXISTING CONDUIT FOR PHONE LINE AND USE THAT FOR SERVICE TO NEW POLE. ONCE THE NEW SERVICE IS PLACED INTO OPERATION THE CONTRACTOR SHALL USE THE OLD SERVICE CONDUIT FROM CABINET LOCATE AND EXTEND TO NEW POLE FOR PHONE LINE RISER.

GENERAL NOTES:

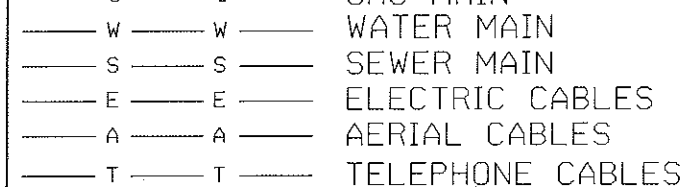
- Contractor shall relocate existing signs 43, 44, 46, & 47 from existing strain pole to mast arm pole as shown on plan.
- Contractor shall verify all proposed pole locations, and existing conduits prior to installation.
- All existing loops are operational and shall remain as is.



GEOMETRIC LEGEND



UTILITY LEGEND



SABRA, WANG & ASSOCIATES, INC.
1606 JOH AVENUE
SUITE 100
BALTIMORE, MD 21227
(410) 737-6564
WWW.SABRA-WANG.COM

REVISIONS		APPROVALS	
F	RECONSTRUCT SIGNAL SHA NO. XX1005385	3/01	[Signature]
E	ADD LEFT TURN PHASES NB & SB ON US 301	9/00	
D	INSTALL OPTICOM DETECTOR EB AND WB BRANDYWINE ROAD	2/00	[Signature]
C	INSTALL LOOP DETECTORS, CONDUIT AND HANDHOLES	5/97	

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNAL PLAN
**US 301 (ROBERT S. CRAIN HIGHWAY)
AT MD 381 BRANDYWINE ROAD**

DRAWN BY: JASON BOBER
CHECKED BY: [Signature]
SCALE: 1"=20'
DATE: 6/5/72

F.A.P. NO. P 269X-335
S.H.A. NO. XX53-56
COUNTY: PRINCE GEORGE'S
LOG MILE: 16030103.12

TS NO. 596-F
T.I.M.S. NO. E614

SHEET NO. 1 OF 2