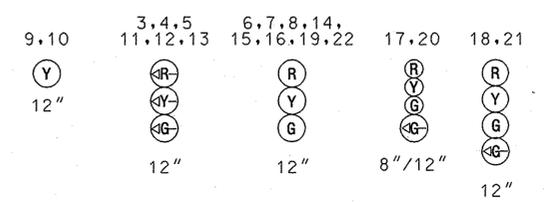
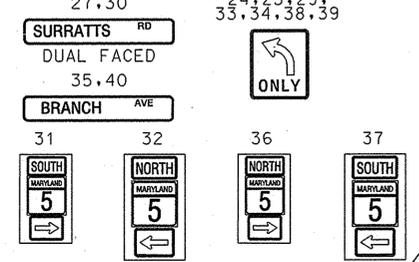


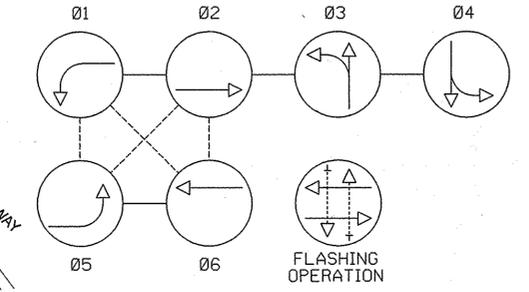
EXISTING LED SIGNAL HEADS TO REMAIN



EXISTING SIGNS TO REMAIN

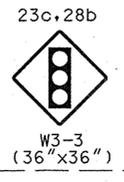
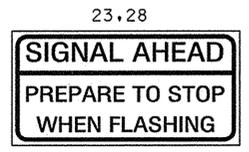


NEMA PHASING

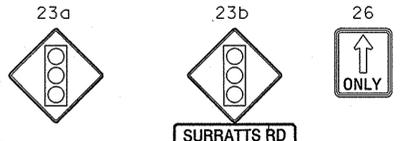


NOTE: PHASES ASSOCIATED BY A DASHED LINE MAY/WILL OPERATE CONCURRENTLY. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

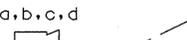
PROPOSED SIGNS



EXISTING SIGNS TO BE REMOVED



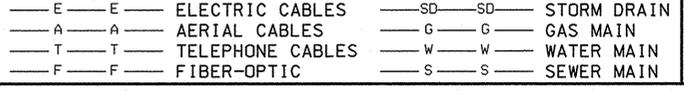
EXISTING VIDEO DETECTION



- CONSTRUCTION DETAILS**
- A. REMOVE EXISTING OVERHEAD SIGN AND INSTALL NEW OVERHEAD SIGN.
 - B. RELOCATE EXISTING SIGNAL HEAD.
 - C. INSTALL OVERHEAD SIGN.
 - D. REMOVE EXISTING GROUND MOUNTED SIGN.
 - E. USE EXISTING CONDUIT.
 - F. USE EXISTING HANDHOLE.
 - G. USE EXISTING STRAIN/SIGNAL POLE.
 - H. USE EXISTING SPAN WIRE.
 - J. USE EXISTING BASE MOUNTED CABINET.
 - K. USE EXISTING POLE MOUNTED CABINET.
 - L. REMOVE EXISTING OVERHEAD SIGN.
 - M. INSTALL 3 INCH SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (TRENCHED)
 - N. INSTALL 27 FT. STEEL POLE WITH A 60 FT. MAST ARM (CUT MAST ARM TO 50 FT.) FOUNDATION, TYPE "G" CABINET, LED TRAFFIC SIGNAL HEADS, AND SIGNS. (NOTE: 1-3 INCH 90 DEGREE BEND)
 - O. INSTALL ELECTRICAL HANDHOLE
 - P. REMOVE AND DISPOSE OF EXISTING TRAFFIC SIGNAL EQUIPMENT. REMOVE FOUNDATION 12 IN. BELOW GRADE.
 - Q. INSTALL 5 IN. HEAT APPLIED WHITE PERMANENT PAVEMENT LINE MARKINGS (3' STRIPE/9' GAP/3' STRIPE).

- GENERAL NOTES**
1. MAINTENANCE OF TRAFFIC WILL BE HANDLED BY THE CONTRACTOR UTILIZING MDSA STANDARD TYPICALS FOR TRAFFIC CONTROL.
 2. THE CONTRACTOR SHALL CONTACT MISS UTILITY TO VERIFY ALL UNDERGROUND UTILITIES PRIOR TO THE INSTALLATION OF PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
 3. WITHIN 36 IN. OF UNDERGROUND UTILITY LOCATIONS, THE CONTRACTOR SHALL BE REQUIRED TO EXCAVATE FOR FOUNDATION AND CONDUIT BY HAND.
 4. THE SIGNAL SHOP WILL BE RESPONSIBLE FOR ALL INTERNAL CABINET WIRING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ROUTING AND PROPERLY LABELING ALL SIGNAL CABLES.
 5. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL ABANDONED ELECTRICAL CABLES.
 6. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE SIGNAL MODIFICATION.
 7. 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 CLEARANCES 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.

UTILITY LEGEND



STV Incorporated
 engineers / architects / planners / construction managers
 7125 Ambassador Road Baltimore, MD 21244-2722 (410) 944-9112

APPROVALS	REVISIONS
TEAM LEADER ASST. DIR. CHIEF DIVISION CHIEF OFFICE DIRECTOR	1. MODIFY EXISTING HIB OPERATION SHA NO. XX445185 6/2008 2. ADD ADDITIONAL SIGNAGE FOR NB & SB MD 5 LT LANES SHA NO. BW996M8Z 4/2005 3. REPLACE SB HIB STRUCTURE AND SIGNS DUE TO ACCIDENT SHA NO. XX1065485 10/2004 C.J.S.

SHA STATE OF MARYLAND
 DEPARTMENT OF TRANSPORTATION
 STATE HIGHWAY ADMINISTRATION
 OFFICE OF TRAFFIC & SAFETY
 TRAFFIC ENGINEERING DESIGN DIVISION
 MD 5 (BRANCH AVENUE)
 AT SURREATTS ROAD

SIGNALIZATION PLAN SHEET

SCALE 1" = 20' ADVERTISED DATE 3/78 CONTRACT NO. P-407-501-385

DESIGNED BY S. RENZI COUNTY PRINCE GEORGE'S
 DRAWN BY S. RENZI LOGMILE 16000506.57
 CHECKED BY D. ZAFARIS TMS NO. I-600
 F.A.P. NO. TOD NO.

TS NO. 1216-J DRAWING SG-01 OF 02 SHEET NO. 1 OF 2