

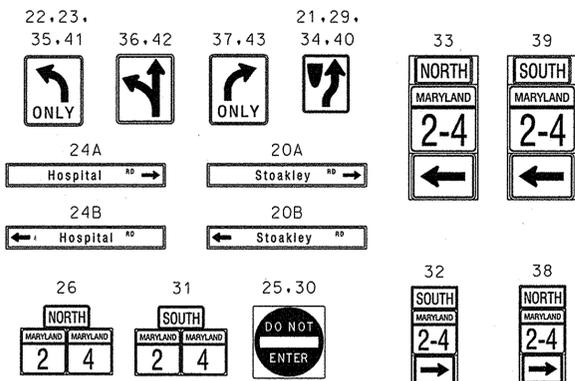


MD 2/4 IS ASSUMED TO RUN IN AN NORTH-SOUTH DIRECTION

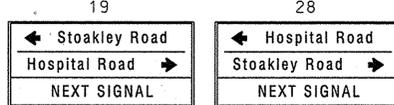
EXISTING SIGNS TO REMOVE



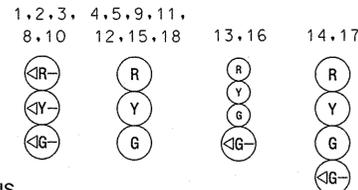
EXISTING SIGNS TO REMAIN



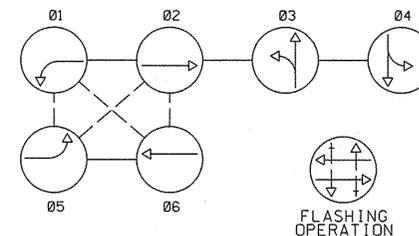
EXISTING SIGNS TO REMAIN



EXISTING SIGNALS TO REMAIN



EXISTING NEMA PHASING



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

EXISTING VIDEO DETECTION



PROPOSED SIGNS

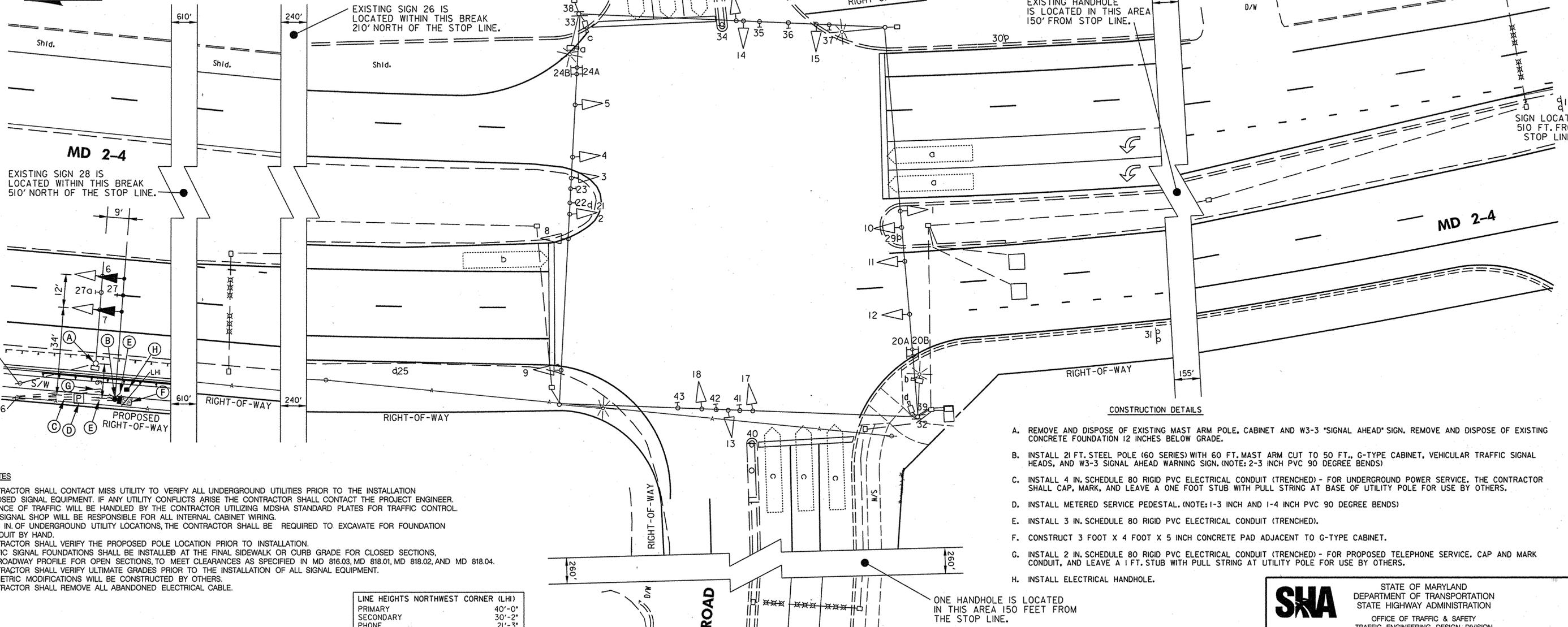


PROPOSED LED SIGNALS



TO SOLOMONS

TO SUNDERLAND



EXISTING SIGN 26 IS LOCATED WITHIN THIS BREAK 210' NORTH OF THE STOP LINE.

EXISTING HANDHOLE IS LOCATED IN THIS AREA 150' FROM STOP LINE.

SIGN LOCATED 510 FT. FROM STOP LINE

CONSTRUCTION DETAILS

- A. REMOVE AND DISPOSE OF EXISTING MAST ARM POLE, CABINET AND W3-3 'SIGNAL AHEAD' SIGN. REMOVE AND DISPOSE OF EXISTING CONCRETE FOUNDATION 12 INCHES BELOW GRADE.
B. INSTALL 21 FT. STEEL POLE (60 SERIES) WITH 60 FT. MAST ARM CUT TO 50 FT., G-TYPE CABINET, VEHICULAR TRAFFIC SIGNAL HEADS, AND W3-3 SIGNAL AHEAD WARNING SIGN. (NOTE: 2-3 INCH PVC 90 DEGREE BENDS)
C. INSTALL 4 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (TRENCHED) - FOR UNDERGROUND POWER SERVICE. THE CONTRACTOR SHALL CAP, MARK, AND LEAVE A ONE FOOT STUB WITH PULL STRING AT BASE OF UTILITY POLE FOR USE BY OTHERS.
D. INSTALL METERED SERVICE PEDESTAL. (NOTE: 1-3 INCH AND 1-4 INCH PVC 90 DEGREE BENDS)
E. INSTALL 3 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (TRENCHED).
F. CONSTRUCT 3 FOOT X 4 FOOT X 5 INCH CONCRETE PAD ADJACENT TO G-TYPE CABINET.
G. INSTALL 2 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (TRENCHED) - FOR PROPOSED TELEPHONE SERVICE. CAP AND MARK CONDUIT, AND LEAVE A 1 FT. STUB WITH PULL STRING AT UTILITY POLE FOR USE BY OTHERS.
H. INSTALL ELECTRICAL HANDHOLE.

GENERAL NOTES

- 1. 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.
2. MAINTENANCE OF TRAFFIC WILL BE HANDLED BY THE CONTRACTOR UTILIZING MDSA STANDARD PLATES FOR TRAFFIC CONTROL.
3. THE SHA SIGNAL SHOP WILL BE RESPONSIBLE FOR ALL INTERNAL CABINET WIRING.
4. WITHIN 36 IN. OF UNDERGROUND UTILITY LOCATIONS, THE CONTRACTOR SHALL BE REQUIRED TO EXCAVATE FOR FOUNDATION AND CONDUIT BY HAND.
5. THE CONTRACTOR SHALL VERIFY THE PROPOSED POLE LOCATION PRIOR TO INSTALLATION.
6. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS, HIGHEST ROADWAY PROFILE FOR OPEN SECTIONS, TO MEET CLEARANCES AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02, AND MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
7. ALL GEOMETRIC MODIFICATIONS WILL BE CONSTRUCTED BY OTHERS.
8. THE CONTRACTOR SHALL REMOVE ALL ABANDONED ELECTRICAL CABLE.

Table with 2 columns: Utility Type and Line Height Northwest Corner (LHI). Includes Primary (40'-0"), Secondary (30'-2"), Phone (21'-3"), GUY (20'-0"), and Phone (19'-5").

SPECIAL NOTE: SMECO TO RELOCATE UTILITIES SUCH THAT NO CONFLICTS WILL OCCUR WITH PROPOSED TRAFFIC SIGNAL EQUIPMENT.

NOTE: THESE PLANS ARE APPROVED FOR CONSTRUCTION FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF THE SIGNATURES. SHOULD CONSTRUCTION NOT BEGIN WITHIN THIS TIME FRAME, THESE PLANS SHALL BE NULL AND VOID. AFTER 1 YEAR, PLANS MUST BE RESUBMITTED TO THE SHA TRAFFIC ENGINEERING DESIGN DIVISION FOR REVIEW.

EAPD PERMIT NO. _____

STOAKLEY ROAD

GEOMETRIC LEGEND: Dashed line for EXISTING, Solid line for PROPOSED

APPROVALS table with columns for TEAM LEADER, ASST. DIR. CHIEF, DIVISION CHIEF, and OFFICE DIRECTOR. Includes a 'ORIGINAL ON FILE' stamp.

REVISIONS table with columns for description, date, and initials. Includes revisions for relocating sign, upgrading signal, and upgrading detection.

SHA STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION OFFICE OF TRAFFIC & SAFETY TRAFFIC ENGINEERING DESIGN DIVISION MD 2-4 (SOLOMONS ISLAND ROAD) AT STOAKLEY ROAD/HOSPITAL ROAD

TRAFFIC SIGNALIZATION PLAN table with fields for SCALE, DATE, CONTRACT NO., DESIGNED BY, DRAWN BY, CHECKED BY, F.A.P. NO., DRAWING NO., and SHEET NO.

LENHART TRAFFIC CONSULTING TRAFFIC ENGINEERING & TRANSPORTATION PLANNING 331 Redwood Grove Court Millersville, Maryland 21108 Tel: (410) 987-3888 Fax: (443) 782-2288