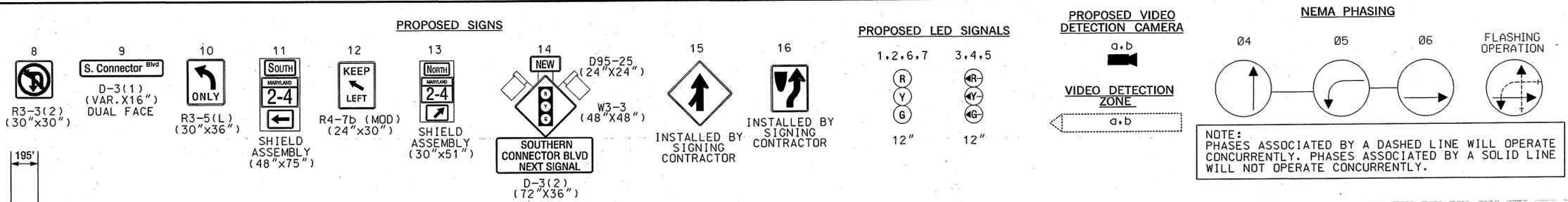
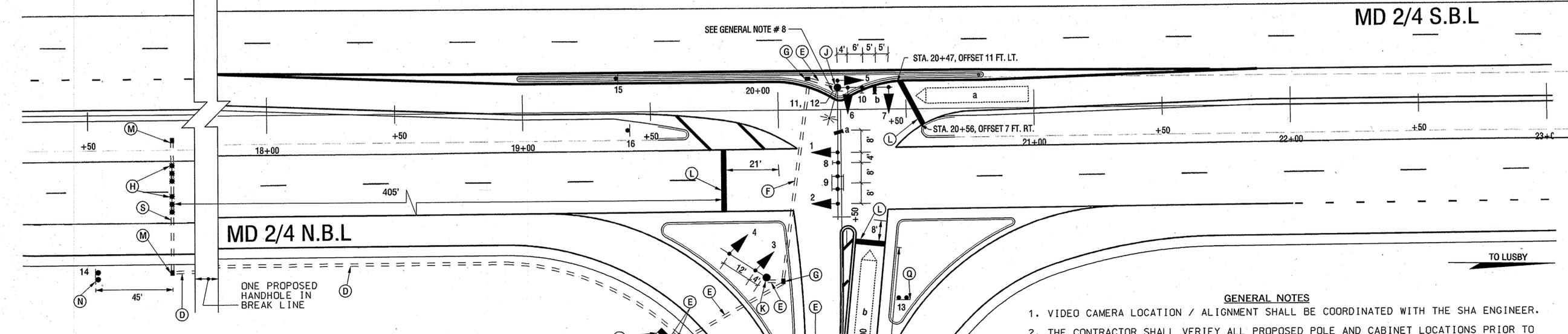


MD 2/4 IS ASSUMED TO RUN IN A NORTH/SOUTH DIRECTION



TO SOLOMONS LANDING

MD 2/4 S.B.L

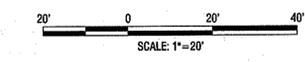


CONSTRUCTION DETAILS

- A. INSTALL A NEMA SIZE 6 BASE MOUNTED CABINET AND CONTROLLER. (NOTE: TWO-4 IN. PVC, AND TWO-2 IN. PVC SCHEDULE 80 CONDUIT BENDS) STA. 107+03, OFFSET 72 FT. LT.
- B. INSTALL 200 AMP METERED SERVICE PEDESTAL. (NOTE: TWO-2 IN. AND ONE-4 IN. SCHEDULE 80 CONDUIT BENDS IN PEDESTAL BASE)
- C. INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- D. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- E. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- F. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
- G. INSTALL HANDHOLE.
- H. INSTALL NON INVASIVE PROBES WITH 500 FT. LEAD IN CABLE, PER SHA TYPICAL MD 815.03. (TO BE PLACED IN THRU LANE ONLY).
- J. INSTALL CONCRETE FOUNDATION WITH 27 FT. STEEL POLE WITH TWIN 50 FT. AND 20 FT. MAST ARMS, LED SIGNAL HEADS, SIGNS, OVERHEAD VIDEO DETECTION CAMERA MOUNTED ON MAST ARM, AND 15 FT. LIGHTING ARM WITH 250 WATT HPS LUMINAIRE. (NOTE: ONE-4 IN. PVC, SCHEDULE 80 CONDUIT BEND) STA. 20+24 OFFSET 9 FT. LT.
- K. INSTALL CONCRETE FOUNDATION WITH 27 FT. STEEL POLE WITH 20 FT. MAST ARM AND LED SIGNAL HEADS. (NOTE: ONE-4 IN. PVC, SCHEDULE 80 CONDUIT BEND) STA. 107+26, OFFSET 30 FT. LT.
- L. INSTALL 24 IN. HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR STOP LINE.
- M. INSTALL HANDHOLE WITH LONGER DIMENSION PERPENDICULAR TO THE TRAVEL WAY FOR INSTALLATION OF NON-INVASIVE PROBES.
- N. INSTALL GROUND MOUNTED SIGN ON TWO WOOD (4 IN.X 6 IN.) SUPPORTS.

APPROX. LOCATION OF PROPOSED TRANSFORMER BY OTHERS

SOUTHERN CONNECTOR BLVD.



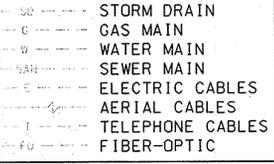
THREE PROPOSED HANDHOLES IN BREAK LINE

- GENERAL NOTES**
1. VIDEO CAMERA LOCATION / ALIGNMENT SHALL BE COORDINATED WITH THE SHA ENGINEER.
 2. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE AND CABINET LOCATIONS PRIOR TO INSTALLATION.
 3. FOR FINAL PAVEMENT MARKINGS REFER TO THE PAVEMENT MARKING PLANS, OTHER THAN THOSE DETAILED ON THE PLAN. ALL PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH MSHA STANDARDS.
 4. ALL PROPOSED LUMINAIRES SHALL BE SUPPLIED WITH A PHOTOCCELL.
 5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
 6. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
 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.
 8. THE REGULATORY SIGN R4-7b(MOD) (#12) SHALL BE INSTALLED WITH A MINIMUM MOUNTING HEIGHT OF 5'-0" FROM THE BOTTOM OF THE SIGN TO THE FINAL GRADE. THE SHIELD ASSEMBLY SIGN (#11) SHALL BE MOUNTED ABOVE SIGN #12 WITH A MINIMUM SIGN SEPARATION OF 1'-0".

GEOMETRIC LEGEND



UTILITY LEGEND



- P. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT (STUB-UP AND CAP) FOR SERVICE CONNECTIONS BY OTHERS.
- Q. INSTALL GROUND MOUNTED SIGN ON TWO WOOD (4 IN.X 4 IN.) SUPPORTS.
- R. PROVIDE CONDUIT TO AN EXISTING UTILITY POLE (NO NUMBER) ON THE MD 765 AT STA. 302+40 OFFSET 35 FT. LT. FOR FUTURE TELEPHONE SERVICE. PROVIDE HANDHOLES AT 200 FT. MINIMUM SPACING. PROVIDE 90 DEGREE CONDUIT BEND TO STUB-UP AT THE BASE OF THE POLE. INSTALL STUB-UP 1 FT. ABOVE GRADE.
- S. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
- T. FURNISH AND INSTALL COMMUNICATION PEDESTAL (NOTE: TWO-2 IN. SCHEDULE 80 CONDUIT BENDS IN PEDESTAL BASE).

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SHA STATE OF MARYLAND
 DEPARTMENT OF TRANSPORTATION
 STATE HIGHWAY ADMINISTRATION
 OFFICE OF TRAFFIC & SAFETY
 TRAFFIC ENGINEERING DESIGN DIVISION
 MD 24 AT
 SOUTHERN CONNECTOR BLVD
 LUSBY, MARYLAND

APPROVALS	REVISIONS
<i>[Signature]</i> ASSY. CHIEF TRAFFIC ENGINEERING DIVISION	
<i>[Signature]</i> CHIEF TRAFFIC ENGINEERING DIVISION	
<i>[Signature]</i> DIRECTOR, OFFICE OF TRAFFIC & SAFETY	

TRAFFIC SIGNAL PLAN	
SCALE 1"=20'	DATE FEBRUARY, 2006 CONTRACT NO. CA3255170
DESIGNED BY P. SUNKARI	COUNTY CALVERT
DRAWN BY P. SUNKARI	LOGMILE 0.4080 2.18 to 2.83
CHECKED BY K. RINKER	TMS NO. 2999
FAP NO.	TOD NO.
TS NO. 4554	DRAWING PSG OF P001 SHEET NO. OF