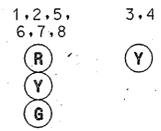


US 13 BUSINESS IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

EXISTING SIGNALS TO REMAIN



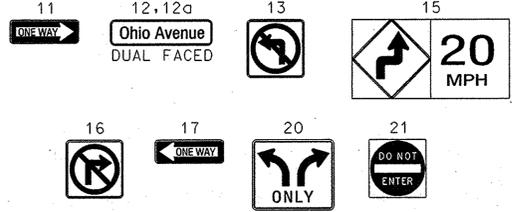
EXISTING VIDEO DETECTION CAMERA



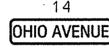
PROPOSED SIGNALS



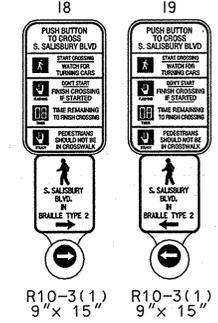
EXISTING SIGNS TO REMAIN



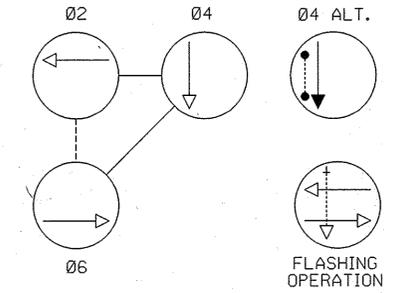
EXISTING SIGN TO BE REMOVED



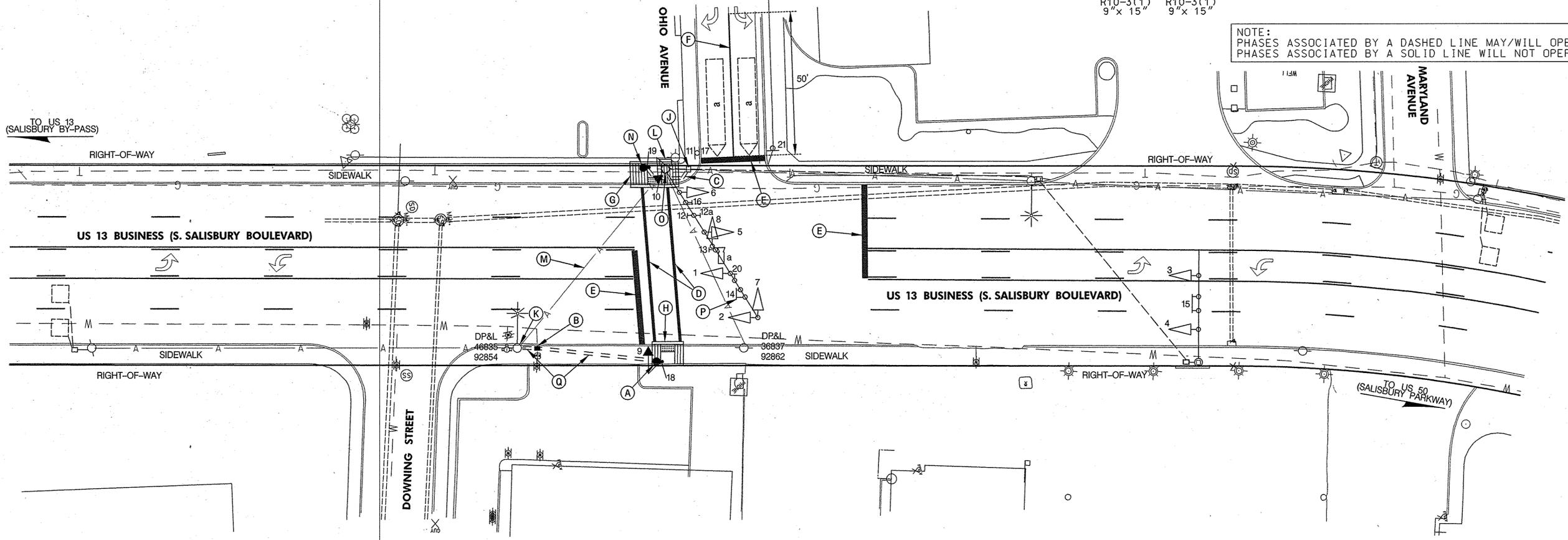
PROPOSED ACCESSIBLE PUSHBUTTON AND SIGN



NEMA PHASING



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



CONSTRUCTION DETAILS

- A. INSTALL 10 FT. BREAKAWAY PEDESTAL POLE WITH SHA STD. MD 801.01 FOUNDATION, LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON AND R10-3(1) SIGN TO READ "PUSH BUTTON TO CROSS S. SALISBURY BLVD"
- B. (NOTE: 1-3 INCH PVC 90 DEGREE BEND).
- C. INSTALL ELECTRICAL HANDHOLE.
- D. INSTALL 3 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (TRENCHED). (REPLACE SIDEWALK WHERE NEEDED)
- E. INSTALL 12 IN. WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKINGS FOR CROSSWALK. REMOVE EXISTING PAVEMENT MARKING AND INSTALL 24 IN. WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKINGS FOR STOPLINE.
- F. INSTALL 5 IN. WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING. REMOVE EXISTING SIDEWALK AND CONSTRUCT SHA STD. MD 655.12 SIDEWALK RAMP
- H. WITH DETECTABLE WARNING SURFACE SHA STD. MD 655.40 (NOTE: 6 IN. CURB HEIGHT). REMOVE EXISTING SIDEWALK AND CONSTRUCT SHA STD. MD 655.12 SIDEWALK RAMP
- J. WITH DETECTABLE WARNING SURFACE SHA STD. MD 655.40 (NOTE: 3 IN. CURB HEIGHT).
- K. USE EXISTING HANDHOLE.
- L. INSTALL 3 IN. SCHEDULE 80 RIGID PVC-RISER AND 3 IN. WEATHER HEAD ON EXISTING UTILITY POLE.
- M. USE EXISTING POLE MOUNTED CABINET AND CONTROLLER.
- N. USE EXISTING SPAN WIRE.
- INSTALL 5 FT. BREAKAWAY PEDESTAL POLE WITH SHA STD. MD 801.01 18 IN. DIAMETER FOUNDATION, AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON AND R10-3(1) SIGN TO READ "PUSH BUTTON TO CROSS S. SALISBURY BLVD." (NOTE: 1-3 IN. PVC 90 DEGREE BEND).
- P. INSTALL LED COUNTDOWN PEDESTRIAN SIGNAL HEAD ON EXISTING SIGNAL POLE.
- Q. REMOVE EXISTING OVERHEAD SIGN.
- INSTALL 3 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (SLOTTED). (REPLACE SIDEWALK/ ASPHALT PAVEMENT WHERE NEEDED)

GENERAL NOTES

- 1. MAINTENANCE OF TRAFFIC WILL BE HANDLED BY THE CONTRACTOR UTILIZING MSHA 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. 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.
- 5. THE CONTRACTOR SHALL INTEGRATE PROPOSED/EXISTING CONCRETE FOUNDATIONS WITH NEW CURB/SIDEWALK RAMP WHERE NECESSARY.
- 6. THE SHA SIGNAL SHOP WILL BE RESPONSIBLE FOR ALL INTERNAL CABINET WIRING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ROUTING AND PROPERLY LABELING ALL SIGNAL CABLES.
- 7. THE CONTRACTOR SHALL VERIFY THE PROPOSED POLE LOCATION(S) PRIOR TO INSTALLATION.
- 8. SEE GENERAL INFORMATION SHEET FOR APS ASSOCIATED SIGNAL HEADS, PUSHBUTTONS, CROSSWALK, AND STOPLINE LAYOUTS.

- 9. THE CONTRACTOR SHALL CENTER THE PROPOSED CROSSWALKS ON NEWLY CONSTRUCTED RAMPS.
- 10. ALL PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH MSHA STANDARDS.
- 11. LOCATION OF ACCESSIBLE PEDESTRIAN SIGNAL PUSHBUTTONS MUST MEET LOCATION REQUIREMENTS OF MUTCD SEC. 4E.09 AND FIG. 4E.2; AND THE NCHRP PUBLICATION, "ACCESSIBLE PEDESTRIAN SIGNALS: GUIDE TO BEST PRACTICE." IF NOT MET, THE CONTRACTOR IS TO STOP WORK ON PUSHBUTTON LOCATIONS UNTIL THE CONFLICT HAS BEEN RESOLVED. IF NEEDED, A DESIGN WAIVER SHALL BE OBTAINED, APPROVED BY THE DIRECTOR, OFFICE OF TRAFFIC AND SAFETY.
- 12. PUSHBUTTONS ARE TO BE LOCATED SO THAT THEY CAN BE ACTIVATED BY A PERSON IN A WHEELCHAIR FROM A 60 IN. x 60 IN. LEVEL LANDING AREA WITH A CROSS SLOPE OF LESS THAN OR EQUAL TO 2%.
- 13. PUSHBUTTON ARROWS ARE TO BE PARALLEL TO THE CROSSING FOR WHICH THEY ARE INTENDED FOR.
- 14. THE CONTRACTOR SHALL INSTALL ALL CONDUIT PRIOR TO SIDEWALK AND RAMP CONSTRUCTION.
- 15. THE CONTRACTOR SHALL REMOVE AND REPLACE CONCRETE SIDEWALK AT THE NEAREST JOINT.
- 16. PUSHBUTTONS ARE TO BE LOCATED SO THAT A PEDESTRIAN IN A WHEELCHAIR LOCATED ON A LEVEL LANDING AREA DOES NOT HAVE TO REACH MORE THAN 18 IN.

TOD NO: XX340-05
SHA NO: W1384A51/B51
US 13 B@OHIO AVE/CARROLL ST/NAYLOR ST/CHURCH ST/GORDY ST

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
US 13 BUSINESS (S. SALISBURY BOULEVARD)
AT OHIO AVENUE

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

| UTILITY LEGEND | | | |
|----------------|------------------|-------------|-------------|
| — E — E — | ELECTRIC CABLES | — SD — SD — | STORM DRAIN |
| — A — A — | AERIAL CABLES | — G — G — | GAS MAIN |
| — T — T — | TELEPHONE CABLES | — W — W — | WATER MAIN |
| — F — F — | FIBER-OPTIC | — S — S — | SEWER MAIN |

| APPROVALS | REVISIONS |
|---|---|
| <p>ORIGINAL ON FILE</p> <p>TEAM LEADER</p> <p>ASST. DIV. CHIEF</p> <p>DIVISION CHIEF</p> <p>OFFICE DIRECTOR</p> | <p>① INSTALL APS, OPS ON THE SOUTH LEG</p> <p>12008 SHA NO. XX3405185</p> <p>2/26/2008</p> <p>② REPLACE CABINET, CONTROLLER AND SIGNAL HEADS</p> <p>42004 SHA NO. XX1065185</p> <p>M.O. W.H. M.A.K. D.A.Z. B.R.K.</p> <p>③ A REVISE MAST ARM DESIGN DUE TO UTILITIES</p> <p>8-8-1985 SHA NO. WI-633-502-185</p> <p>D.J.D. D.A.Z. T.H.</p> |

| SIGNALIZATION PLAN SHEET | | | |
|--------------------------|-----------------------|--------------------------|-------------|
| SCALE 1" = 20' | ADVERTISED DATE | CONTRACT NO. W1633502185 | |
| DESIGNED BY | NA | COUNTY | WICOMICO |
| DRAWN BY | G. HALLAMEYER | LOGMILE | 22801304.82 |
| CHECKED BY | THOMAS ZAYDEL | TIMS NO. | 1457 |
| F.A.P. NO. | SEE TITLE SHEET | TOD NO. | |
| TS NO. 1937-C | DRAWING SG - 01 OF 02 | SHEET NO. | 1 OF 2 |

PLOTTED: Friday, February 01, 2008 AT 10:24 AM
FILE: I:\PROJECTS\0312121\0312121_0017\Drawings\TRA\Ohio Ave\PSG-P000_Chio_Ave.dgn