



THESE PLANS ARE APPROVED FOR CONSTRUCTION FOR A PERIOD OF 1 YEAR FROM THE DATE OF APPROVAL. SHOULD CONSTRUCTION NOT BEGIN WITHIN THIS TIME FRAME THESE PLANS SHALL BE NULL AND VOID WITHOUT A REVIEW FROM THE TRAFFIC ENGINEERING DESIGN DIVISION.

- CONSTRUCTION DETAILS**
- A. INSTALL HANDHOLE.
 - B. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
 - C. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
 - D. INSTALL 24 IN. HEAT APPLIED, WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR STOP LINE.
 - E. INSTALL NON-INVASIVE MICRO-LOOP PROBE (SET OF 3).
 - F. USE EXISTING HANDHOLE.
 - G. USE EXISTING CONDUIT.
 - H. USE EXISTING CABINET/CONTROLLER.
USE EXISTING EMPTY 2 IN. CONDUIT BEND IN CABINET BASE.
 - J. REMOVE EXISTING HANDHOLE.
 - K. CAP AND ABANDON EXISTING CONDUIT.
 - L. ABANDON EXISTING VEHICLE DETECTION.
 - M. USE EXISTING MAST ARM. RELOCATE EXISTING SIGNAL HEADS.
 - N. USE EXISTING MAST ARM. RELOCATE EXISTING SIGNAL HEADS. REALIGN VIDEO CAMERA AS NECESSARY TO PICK UP THE NORTH BOUND SAMPLING LOOPS.
 - O. USE EXISTING 4 IN. CONDUIT. ATTACH A NEW PIECE OF 4 IN. SCH 80 CONDUIT (TRENCHED) WITH COUPLING TO EXTEND CONDUIT RUN TO NEW HANDHOLE FOR INTERCONNECT CABLE RELOCATION. INTERCONNECT CABLE TO BE PULLED BACK TO HANDHOLE AS SHOWN ON I/C PLAN SHEET 2 OF 2 DETAIL 'D'.
 - P. CONDUIT INSTALLED AS PART OF THE INTERCONNECT PLAN (SEE SHEET 2).
 - Q. USE EXISTING MAST ARM. INSTALL NEW OVERHEAD STREET NAME SIGN.

- CONSTRUCTION DETAILS Cont.**
- R. INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
 - S. INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - HAND TRENCH AS NECESSARY TO LOCATE 2 IN. CONDUIT BEND IN BASE OF CABINET. SEE DETAIL ON SHEET 2.
 - T. INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
 - U. INSTALL 2.5 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
 - V. INSTALL SHA POWER PEDESTAL FOR NEW ELECTRICAL SERVICE.
 - W. USE EXISTING UTILITY POLE. INSTALL 2.5" PVC ELECTRICAL CONDUIT RISER TO BE USE BY DELMARVA POWER.
 - X. USE EXISTING LUMINAIRE ATTACHED TO SIGNAL POLE. INSTALL NEW TRAY CABLE DUE TO NEW SERVICE. REMOVE EXISTING TRAY CABLE.
 - Y. DISCONNECT AND REMOVE EXISTING SERVICE AFTER NEW SERVICE IS READY FOR TURN-ON.

GENERAL NOTES

1. VIDEO CAMERA LOCATION/ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
2. PAVEMENT MARKINGS DETAILED ARE PROPOSED AND ARE TO BE INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH MD-SHA STANDARDS. ALL OTHER PAVEMENT MARKINGS ARE TO BE CONSIDERED AS EXISTING OR INSTALLED AS PART OF THE DEVELOPER'S PROJECT.
3. GEOMETRICS SHALL BE CONFIRMED PRIOR TO THE INSTALLATION OF SIGNAL EQUIPMENT. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT 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.
4. ALL UNUSED CABLE SHALL BE REMOVED.

Redline Revision Dated May 20, 2010

SNA NOT - SHA DOTS

S.H.A. Approval Date 5/20/2010

T.S. # 3494D T.I.M.S. # K229

SHA STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION

OFFICE OF TRAFFIC & SAFETY TRAFFIC ENGINEERING DESIGN DIVISION

MD 222 (BAINBRIDGE RD) AT SB I-95 ON-RAMPS 1 & 8 AND OFF-RAMPS 2 & 7

PERRYVILLE, MD

The Traffic Group, Inc. Suite H

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"Merging Innovation and Excellence"

GEOMETRIC LEGEND

— EXISTING

— PROPOSED

UTILITY LEGEND

SD - STORM DRAIN

G - GAS MAIN

W - WATER MAIN

S - SEWER MAIN

E - ELECTRIC CABLES

A - AERIAL CABLES

T - TELEPHONE CABLES

F - FIBER-OPTIC

APPROVALS

TEAM LEADER: ORIGINAL ON FILE

ASST. DIV. CHIEF: ORIGINAL ON FILE

DIVISION CHIEF: ORIGINAL ON FILE

OFFICE DIRECTOR: ORIGINAL ON FILE

REVISIONS

1. The east side of MD 222 is being widened to accommodate 2 NB through lanes. APRIL 27, 2010

2. Install video detection. SHA No. AT3085185 MARCH 17, 2004

3. "As-Built" SHA No. BW768-802-212 JUNE 18, 1996

TRAFFIC SIGNAL PLAN

SCALE 1" = 20' DATE MARCH 17, 1996 CONTRACT NO. BW996M82

DESIGNED BY M. MEARS COUNTY CECIL

DRAWN BY M. MEARS LOGMILLE 07022202.06

CHECKED BY N/A TMS NO. K229

F.A.P. NO. N/A TOD NO. N/A

TS NO. 3494D DRAWING SG-01 OF 01 SHEET NO. 1 OF 2