



- CONSTRUCTION DETAILS**
- A. INSTALL CONCRETE FOUNDATION WITH A TYPE S BASE MOUNTED CABINET, CONTROLLER, AND UNINTERRUPTIBLE POWER SUPPLY. (NOTE: TWO-4 IN. AND TWO-2 IN. PVC SCHEDULE 80, 90-DEGREE CONDUIT BENDS).
 - B. INSTALL 100 AMP METERED SERVICE PEDESTAL. (NOTE: ONE-4 IN. AND TWO-2 IN. PVC SCHEDULE 80, 90-DEGREE CONDUIT BENDS).
 - C. INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE WITH TWIN 50 FT. MAST ARMS WITH SIGNAL HEADS, SIGNS, 20 FT. LIGHTING ARM, 250 WATT HPS LUMINAIRE, AND VIDEO DETECTION CAMERAS. (NOTE: ONE-4 IN. AND ONE-2 IN. PVC SCHEDULE 80, 90-DEGREE CONDUIT BEND).
 - D. INSTALL CONCRETE FOUNDATION WITH A 15 FT. SPECIAL-T DIMENSION STEEL POLE WITH A SINGLE 60 FT. MAST ARM WITH SIGNAL HEADS, SIGNS, AND VIDEO DETECTION CAMERAS. (NOTE: ONE-4 IN. AND ONE-2 IN. PVC SCHEDULE 80, 90-DEGREE CONDUIT BEND).
 - E. INSTALL HANDHOLE.
 - F. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT FOR ELECTRICAL SERVICE - TRENCHED. STUB OUT CONDUIT BEND AT BASE OF UTILITY POLE.
 - G. VIDEO DETECTION ZONE TO BE ALIGNED BY SHA ENGINEER.
 - H. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
 - J. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - SLOTTED.
 - K. INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
 - L. REMOVE EXISTING STOP LINE PAVEMENT MARKING AND INSTALL 24 IN. HEAT APPLIED, WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING AT THE SAME LOCATION.
 - M. REMOVE EXISTING POLE AND FOUNDATION 12 IN. BELOW GRADE AND BACKFILL.
 - N. REMOVE EXISTING SPAN WIRE AND ALL ASSOCIATED EQUIPMENT.
 - P. REMOVE EXISTING BASE MOUNTED CONTROLLER, CABINET AND FOUNDATION 12 IN. BELOW GRADE AND BACKFILL.
 - R. INSTALL 5 IN. WHITE LEAD FREE THERMOPLASTIC PAVEMENT MARKING LINE - SOLID.
 - S. INSTALL TYPE K END TREATMENT (REFER TO STD. MD 605.10).
 - T. DISCONNECT AND REMOVE LOOP DETECTOR CABLES FROM CONDUITS, HANDHOLES, SIGNAL STRUCTURES AND CONTROLLER.
 - U. INSTALL NON-INVASIVE PROBES WITH 1,000 FT. LEAD-IN CABLE. (TO BE PLACED IN THRU LANE ONLY).
 - V. INSTALL NON-INVASIVE PROBES WITH 500 FT. LEAD-IN CABLE. (TO BE CENTERED IN LANE).
 - W. REMOVE EXISTING HANDHOLE AND BACKFILL.
 - X. CAP AND ABANDON EXISTING CONDUIT.
 - Y. INSTALL GROUND MOUNTED SIGN ON A SINGLE WOOD (4 IN. X 4 IN.) WOOD SUPPORT.
 - Z. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
 - AA. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - SLOTTED.
 - BB. INSTALL HANDHOLE WITH LONGER DIMENSION PERPENDICULAR TO THE ROADWAY FOR NON-INVASIVE PROBES.
 - CC. INSTALL WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING ARROW.
 - DD. REMOVE EXISTING PAVEMENT MARKING LETTER.
- GEOMETRIC LEGEND**
- EXISTING
- UTILITY LEGEND**
- SD STORM DRAIN
 - G GAS MAIN
 - W WATER MAIN
 - SAN SEWER MAIN
 - UG ELEC ELECTRIC CABLES
 - E AERIAL CABLES
 - UG TEL TELEPHONE CABLES
 - UG FO FIBER-OPTIC

AERIAL CABLE DETAIL

PRIMARY	38'-+
SECONDARY	28'-7"
COMM.	23'-6"
COMM.	21'-7"
TELEPHONE	18'-6"
GRADE	

- CONSTRUCTION DETAILS (CONT.)**
- EE. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT FOR ELECTRICAL SERVICE - BORED.
 - FF. REMOVE EXISTING GROUND MOUNTED SIGN AND SUPPORTS.
 - GG. INSTALL GROUND MOUNTED SIGN ON TWO (4" X 4") WOOD SUPPORTS.
 - HH. REMOVE EXISTING POLE, ELECTRICAL UTILITY SERVICE EQUIPMENT, AND FOUNDATION 12 IN. BELOW GRADE AND BACKFILL.
 - JJ. INSTALL 5 IN. WHITE LEAD FREE THERMOPLASTIC PAVEMENT MARKINGS - 3' LINE, 3' GAP.
 - KK. INSTALL W BEAM TRAFFIC BARRIER WITH FACE OF BARRIER IN LINE WITH EXISTING FACE OF CURB. (REFER TO STD. MD 605.31).
 - JJ. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 173 (FORT SMALLWOOD ROAD) AT MARLEY NECK BOULEVARD
CURTIS BAY, MARYLAND

APPROVALS		REVISIONS		TRAFFIC SIGNAL PLAN	
<p>TEAM LEADER, TRAFFIC ENGINEERING DIVISION</p> <p>ASSIST. CHIEF, TRAFFIC ENGINEERING DIVISION</p> <p>CHIEF, TRAFFIC ENGINEERING DIVISION</p> <p>DIRECTOR, OFFICE OF TRAFFIC & SAFETY</p>		<p>REVISIONS</p> <p>1 REDLINE NO. 1, 09/28/2012</p>		<p>SCALE 1" = 20'</p> <p>DATE 10-10-1978</p> <p>CONTRACT NO. AA 260-501-585</p>	
		<p>DESIGNED BY J.D. SCHROLL</p> <p>DRAWN BY R.B. SOUTHARD</p> <p>CHECKED BY D.G. MORGAN</p> <p>FAP NO.</p>		<p>COUNTY ANNE ARUNDEL</p> <p>LOGMILE 02017308.10</p> <p>TMS NO.</p> <p>TOD NO.</p>	
		<p>TS NO. 1645B</p> <p>DRAWING SG-03 OF 15</p> <p>SHEET NO. 3 OF 15</p>			
		<p>PLOTTED: Thursday, September 27, 2012 AT 08:57 PM</p> <p>FILE: R:\2008\73 SHA BCS 2008-05A_TEDO DESIGN_STV_JV_SSM\Task 179 MD 173 Interconnect.dwg\REDLINE NO. 1\p69-P002_MD173.dgn</p>			

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