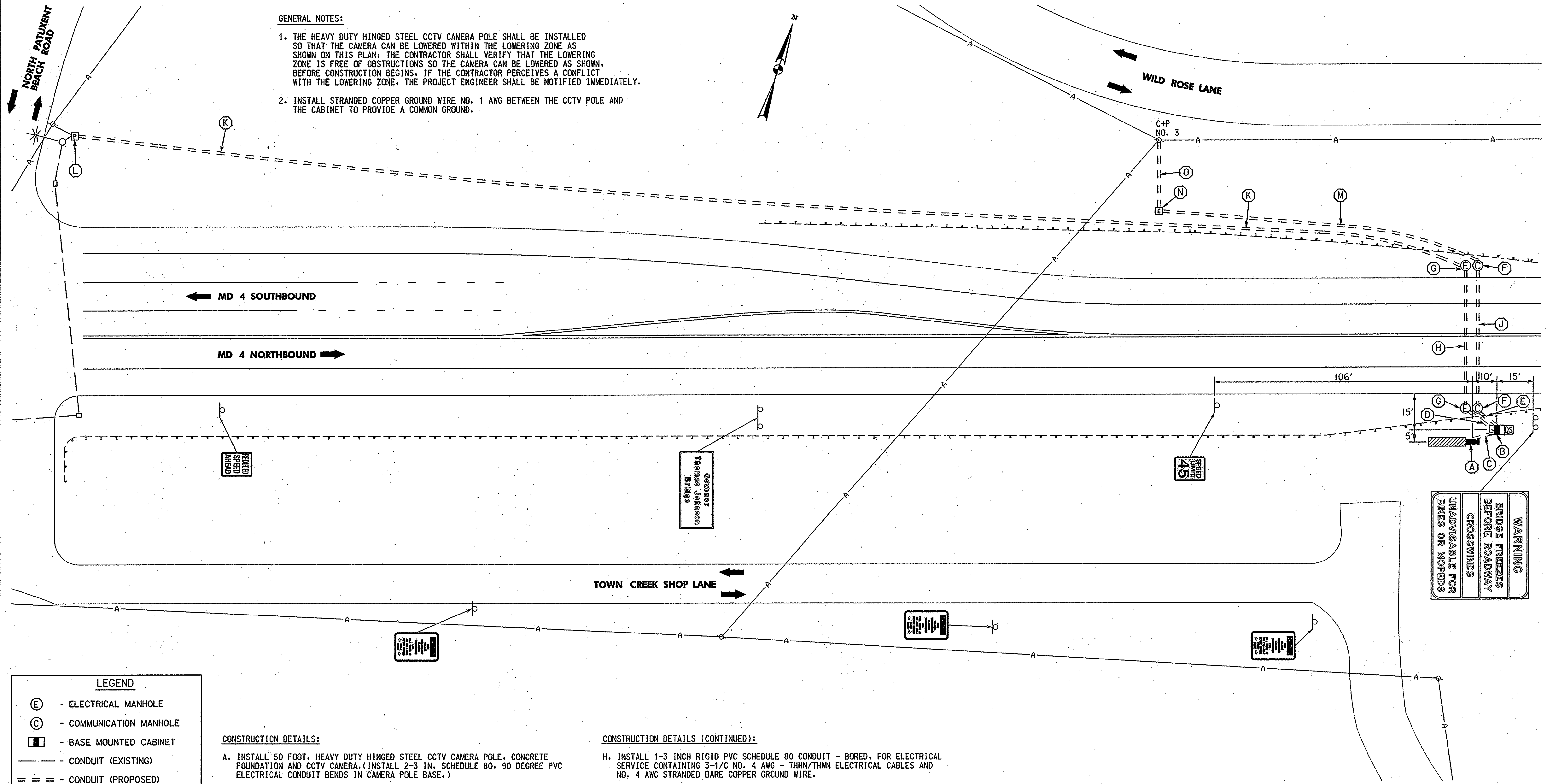




- GENERAL NOTES:**
1. THE HEAVY DUTY HINGED STEEL CCTV CAMERA POLE SHALL BE INSTALLED SO THAT THE CAMERA CAN BE LOWERED WITHIN THE LOWERING ZONE AS SHOWN ON THIS PLAN. THE CONTRACTOR SHALL VERIFY THAT THE LOWERING ZONE IS FREE OF OBSTRUCTIONS SO THE CAMERA CAN BE LOWERED AS SHOWN. BEFORE CONSTRUCTION BEGINS, IF THE CONTRACTOR PERCEIVES A CONFLICT WITH THE LOWERING ZONE, THE PROJECT ENGINEER SHALL BE NOTIFIED IMMEDIATELY.
 2. INSTALL STRANDED COPPER GROUND WIRE NO. 1 AWG BETWEEN THE CCTV POLE AND THE CABINET TO PROVIDE A COMMON GROUND.

- LEGEND**
- (E) - ELECTRICAL MANHOLE
 - (C) - COMMUNICATION MANHOLE
 - [] - BASE MOUNTED CABINET
 - - CONDUIT (EXISTING)
 - == - CONDUIT (PROPOSED)
 - [P] - EMBEDDED POWER PEDESTAL
 - [C] - COMMUNICATIONS PEDESTAL
 - [DS] - DISCONNECT SWITCH
 - [] - CCTV LOCATION
 - - - GUARDRAIL
 - [] - LOWERING ZONE
 - ➔ - TRAFFIC FLOW ARROW
 - ATR - ATR STATION
 - [] - EXISTING SIGNALIZED INTERSECTION

- CONSTRUCTION DETAILS:**
- INSTALL 50 FOOT, HEAVY DUTY HINGED STEEL CCTV CAMERA POLE, CONCRETE FOUNDATION AND CCTV CAMERA. (INSTALL 2-3 IN. SCHEDULE 80, 90 DEGREE PVC ELECTRICAL CONDUIT BENDS IN CAMERA POLE BASE.)
 - INSTALL ONE TYPE 332 BASE MOUNTED CABINET WITH ASSOCIATED CCTV EQUIPMENT. MOUNT A 100 AMP EXTERNAL NEMA 4X DISCONNECT SWITCH. (INSTALL 4-3 IN. SCHEDULE 80, 90 DEGREE PVC ELECTRICAL CONDUIT BENDS IN CABINET BASE.)
 - INSTALL 1-3 INCH RIGID PVC SCHEDULE 80 CONDUIT - TRENCHED, WITH CCTV CAMERA CONTROL CABLES.
 - INSTALL 1-3 INCH RIGID PVC SCHEDULE 80 CONDUIT - TRENCHED, FOR ELECTRICAL SERVICE CONTAINING 3-1/C NO. 4 AWG - THHN/THWN ELECTRICAL CABLES AND NO. 4 AWG STRANDED BARE COPPER GROUND WIRE FROM PROPOSED ELECTRICAL MANHOLE TO PROPOSED TYPE 332 BASE MOUNTED CABINET
 - INSTALL 1-3 INCH RIGID PVC SCHEDULE 80 CONDUIT - TRENCHED, FOR COMMUNICATIONS SERVICE CONTAINING 12-PAIR COMMUNICATION CABLE, JELLYFILLED FROM PROPOSED COMMUNICATIONS HANDHOLE TO PROPOSED TYPE 332 BASE MOUNTED CABINET.
 - INSTALL STANDARD 30 INCH x 4 FOOT MANHOLE FOR COMMUNICATION SERVICE.
 - INSTALL STANDARD 30 INCH x 4 FOOT MANHOLE FOR ELECTRICAL SERVICE.

- CONSTRUCTION DETAILS (CONTINUED):**
- INSTALL 1-3 INCH RIGID PVC SCHEDULE 80 CONDUIT - BORED, FOR ELECTRICAL SERVICE CONTAINING 3-1/C NO. 4 AWG - THHN/THWN ELECTRICAL CABLES AND NO. 4 AWG STRANDED BARE COPPER GROUND WIRE.
 - INSTALL 1-3 INCH RIGID PVC SCHEDULE 80 CONDUIT - BORED, FOR COMMUNICATIONS SERVICE CONTAINING 12-PAIR COMMUNICATION CABLE, JELLYFILLED.
 - INSTALL 1-3 INCH RIGID PVC SCHEDULE 80 CONDUIT - TRENCHED, FOR ELECTRICAL SERVICE CONTAINING 3-1/C NO. 4 AWG - THHN/THWN ELECTRICAL CABLES AND NO. 4 AWG STRANDED BARE COPPER GROUND WIRE. TIE PROPOSED CONDUIT INTO EXISTING EMBEDDED METERED POWER PEDESTAL.
 - THE CONTRACTOR SHALL INSTALL NEW 60 AMP BREAKER WITHIN EMBEDDED SERVICE PEDESTAL FOR ELECTRICAL SERVICE TO CCTV CAMERA.
 - INSTALL 1-3 INCH RIGID PVC SCHEDULE 80 CONDUIT - TRENCHED, FOR COMMUNICATIONS SERVICE CONTAINING 12-PAIR COMMUNICATION CABLE, JELLYFILLED. TIE PROPOSED CONDUIT INTO PROPOSED COMMUNICATIONS PEDESTAL.
 - INSTALL COMMUNICATIONS PEDESTAL.
 - INSTALL 2 INCH RIGID PVC SCHEDULE 80 CONDUIT - TRENCHED, FOR COMMUNICATION SERVICE. CAP AND MARK CONDUIT 2 FT. ABOVE GRADE AT UTILITY POLE FOR USE BY OTHERS.

WARNING
 BRIDGE FREEZES
 BEFORE ROADWAY
 CROSSINGS
 UNADVISABLE FOR
 BIKES OR MOPEDS

BY: jrasmusen

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REVISIONS

SHA STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION OFFICE OF TRAFFIC & SAFETY TRAFFIC ENGINEERING DESIGN DIVISION PROPOSED CCTV CAMERA SITES		
SITE # 8 - MD 4 @ THOMAS JOHNSON BRIDGE		
PROPOSED CAMERA LOCATION		
SCALE 1" = 20'	DATE 04/1/08	CONTRACT NO. AT8725186
DESIGNED BY J. MOONY	COUNTY ST. MARY'S	
DRAWN BY J. RASMUSSEN	LOGMILE 8.380 - 8.530	
CHECKED BY N. LEARY	TMS NO. J 157	
F.A.P. NO.	TOD NO.	
DRAWING NO. AW-06	OF 13	SHEET NO. 13 OF 18

PLOTTED: 05-15-2008
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