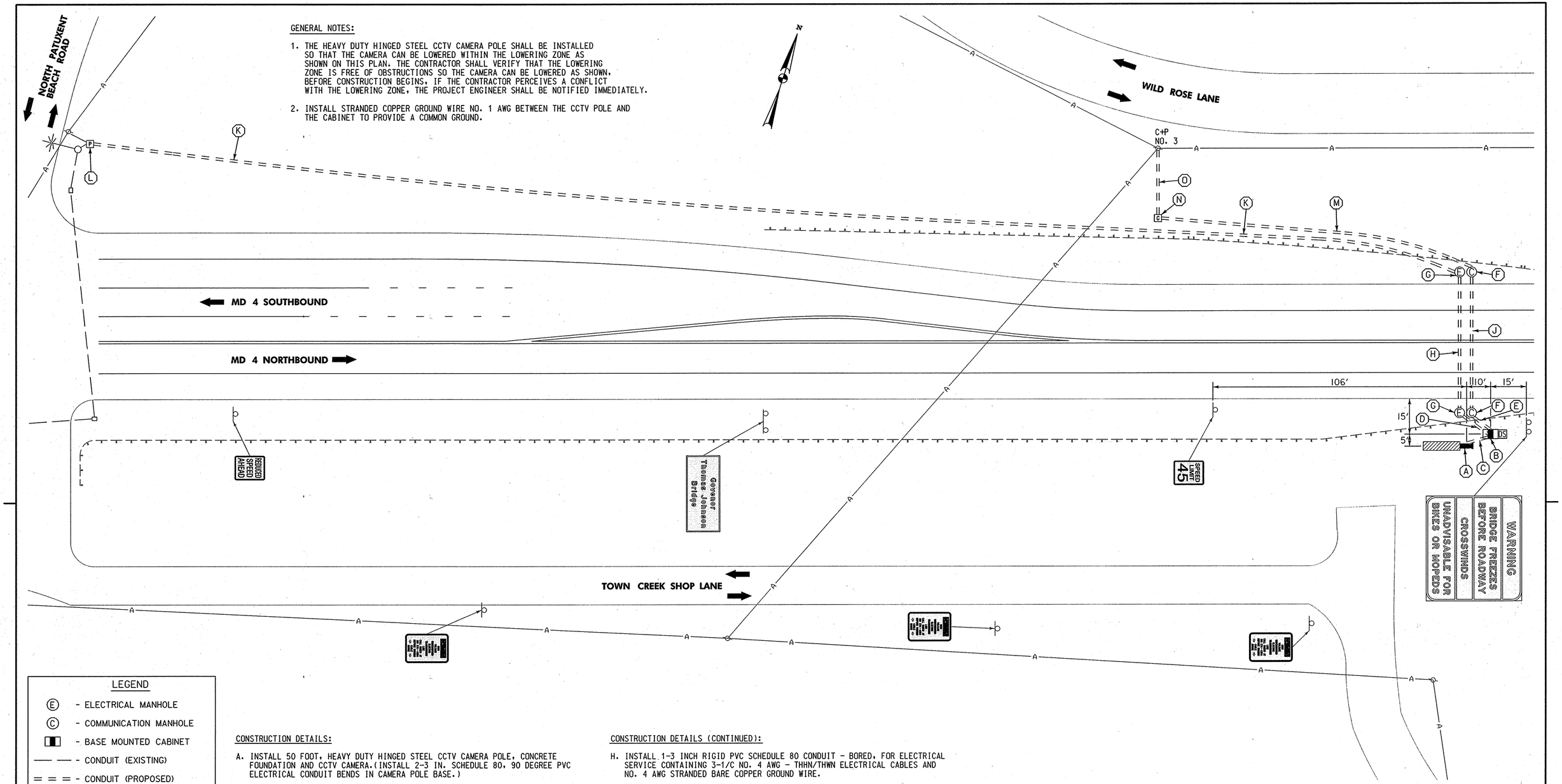
GENERAL NOTES:

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:

A. 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.)

B. 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.)

C. INSTALL 1-3 INCH RIGID PVC SCHEDULE 80 CONDUIT - TRENCHED, WITH CCTV CAMERA CONTROL CABLES.

D. 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

E. 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.

F. INSTALL STANDARD 30 INCH x 4 FOOT MANHOLE FOR COMMUNICATION SERVICE.

G. INSTALL STANDARD 30 INCH x 4 FOOT MANHOLE FOR ELECTRICAL SERVICE.

CONSTRUCTION DETAILS (CONTINUED):

H. 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.

J. INSTALL 1-3 INCH RIGID PVC SCHEDULE 80 CONDUIT - BORED, FOR COMMUNICATIONS SERVICE CONTAINING 12-PAIR COMMUNICATION CABLE, JELLYFILLED.

K. 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.

L. THE CONTRACTOR SHALL INSTALL NEW 60 AMP BREAKER WITHIN EMBEDDED SERVICE PEDESTAL FOR ELECTRICAL SERVICE TO CCTV CAMERA.

M. 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.

N. INSTALL COMMUNICATIONS PEDESTAL.

O. 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.

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

PROPOSED CCTV CAMERA SITES
TASK NO.1
SITE #25 - MD 4 @ THOMAS JOHNSON BRIDGE

REVISIONS

PROPOSED CAMERA LOCATION

SCALE 1" = 20' DATE 04/1/08 CONTRACT NO. AT8725186

DESIGNED BY J. MOCNY COUNTY ST. MARY'S
DRAWN BY J. RASMUSSEN LOGMILE 8.380 - 8.530
CHECKED BY N. LEARY TIMS NO.
F.A.P. NO. TOD NO. -

DRAWING NO. AW-06 OF 13 SHEET NO. 6 OF 13

PLOTTED: 05-15-2008
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BY: jrasmussen