

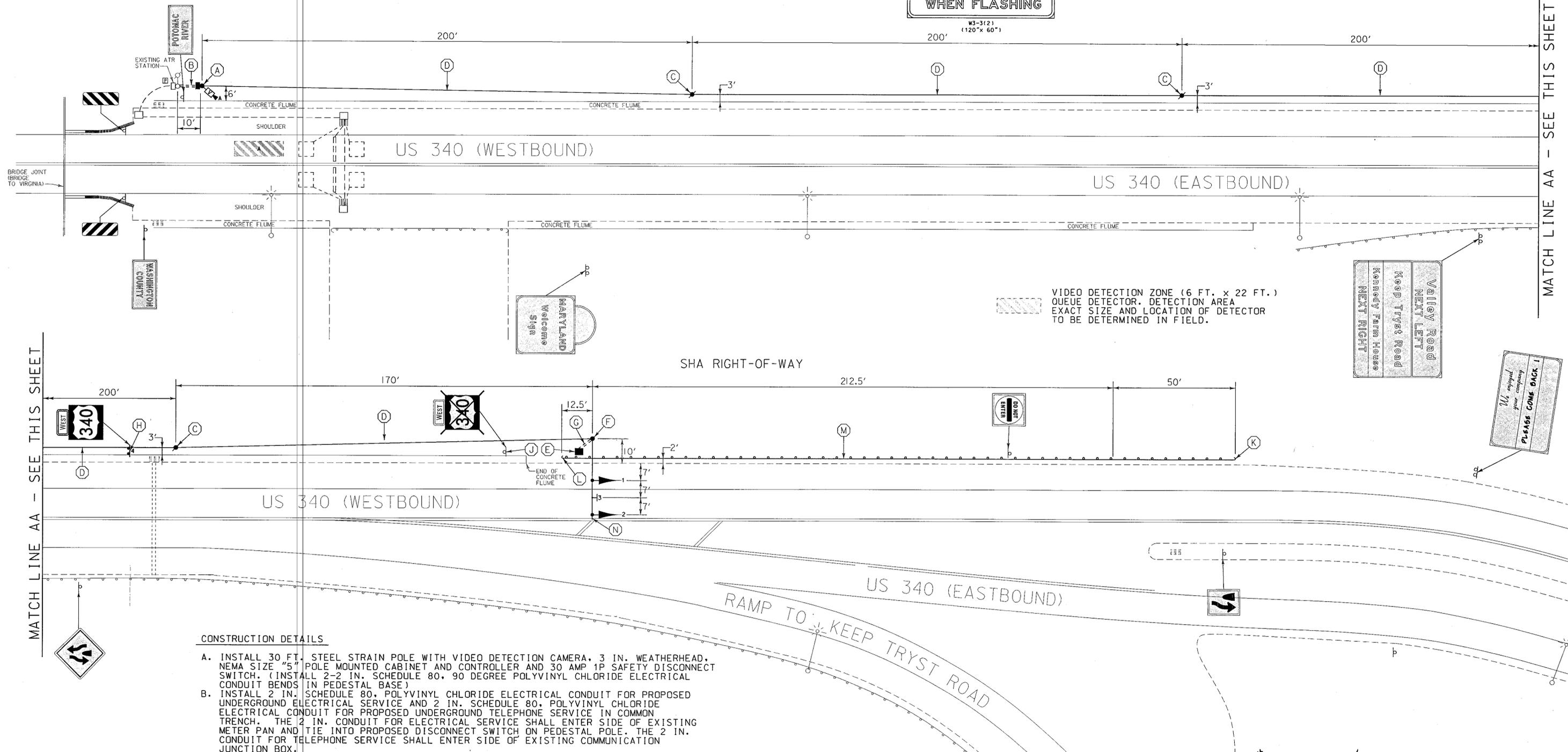
US 340 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION

SHA RIGHT-OF-WAY

PROPOSED SIGNS

PROPOSED VIDEO DETECTION CAMERA

SIGNAL HEADS



MATCH LINE AA - SEE THIS SHEET

MATCH LINE AA - SEE THIS SHEET

**CONSTRUCTION DETAILS**

- A. INSTALL 30 FT. STEEL STRAIN POLE WITH VIDEO DETECTION CAMERA, 3 IN. WEATHERHEAD, NEMA SIZE "5" POLE MOUNTED CABINET AND CONTROLLER AND 30 AMP 1P SAFETY DISCONNECT SWITCH. (INSTALL 2-2 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE ELECTRICAL CONDUIT BENDS IN PEDESTAL BASE)
- B. INSTALL 2 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT FOR PROPOSED UNDERGROUND ELECTRICAL SERVICE AND 2 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT FOR PROPOSED UNDERGROUND TELEPHONE SERVICE IN COMMON TRENCH. THE 2 IN. CONDUIT FOR ELECTRICAL SERVICE SHALL ENTER SIDE OF EXISTING METER PAN AND TIE INTO PROPOSED DISCONNECT SWITCH ON PEDESTAL POLE. THE 2 IN. CONDUIT FOR TELEPHONE SERVICE SHALL ENTER SIDE OF EXISTING COMMUNICATION JUNCTION BOX.
- C. INSTALL 40 FT. CLASS II WOOD POLE.
- D. INSTALL 3/8 IN. STEEL SPAN WIRE AND ELECTRICAL CABLES. (SEE WIRING DIAGRAM)
- E. INSTALL HANDHOLE.
- F. INSTALL TWIN MAST ARM POLE WITH 60 FT. (CUT TO 35 FT.) MAST ARM, SIGN, 3 IN. WEATHERHEAD AND SIGNAL HEADS. (INSTALL 2-3 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE ELECTRICAL CONDUIT BENDS IN FOUNDATION.)
- G. INSTALL 3 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
- H. INSTALL M1-4 (48 IN. x 36 IN.) AND M3-4 (30 IN. x 15 IN.) SIGNS ON TWO 4 IN. x 4 IN. TREATED WOOD SIGN SUPPORTS.
- J. REMOVE EXISTING SIGN AND SUPPORTS.
- K. INSTALL TYPE C TRAFFIC BARRIER END TREATMENT AS PER STANDARD MD 605.02. *To be done by District Forces*
- L. INSTALL TYPE I TRAFFIC BARRIER END TREATMENT OPTION 1 ANCHORAGE AS PER STANDARD MD 605.10.
- M. INSTALL TRAFFIC BARRIER W BEAM AS PER STANDARDS MD 605.21, MD 605.22 AND MD 605.23. INSTALL RAIL RIDER TRAFFIC BARRIER DELINEATORS AS PER STANDARD MD 665.02-665.04.
- N. CUT, CLEAN, GALVANIZE AND CAP TRAFFIC SIGNAL STRUCTURE.

**LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES**

AERIAL CABLE	A
ELECTRICAL	E
TELEPHONE	T
GAS	G
SEWER	SS
STORM DRAIN	SD
WATER	W
CABLE TV	TV

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REVISIONS	APPROVALS
	 <small>TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION</small>
	 <small>ASST. TRAFFIC ENGINEERING DESIGN DIVISION</small>
	 <small>CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION</small>
	 <small>DIRECTOR, TRAFFIC &amp; SAFETY</small>

SHA# WA169A52/B52 TOD#AT358-43

**MARYLAND DOT - STATE HIGHWAY ADMINISTRATION**  
Office of Traffic & Safety  
**TRAFFIC ENGINEERING DESIGN DIVISION**  
TRAFFIC SIGNALIZATION PLAN  
WESTBOUND US 340 EAST OF POTOMAC RIVER BRIDGE  
HAZARD IDENTIFICATION BEACON

DRAWN BY: B. DONOWAY	F.A.P. NO.	TS NO.
CHECKED BY: N. LEARY	S.H.A. NO.	SHEET NO.
SCALE: 1" = 20'	COUNTY: WASHINGTON	T.I.M.S. NO. G257
DATE: 9/9/2004	LOG MILE:	1 OF 2