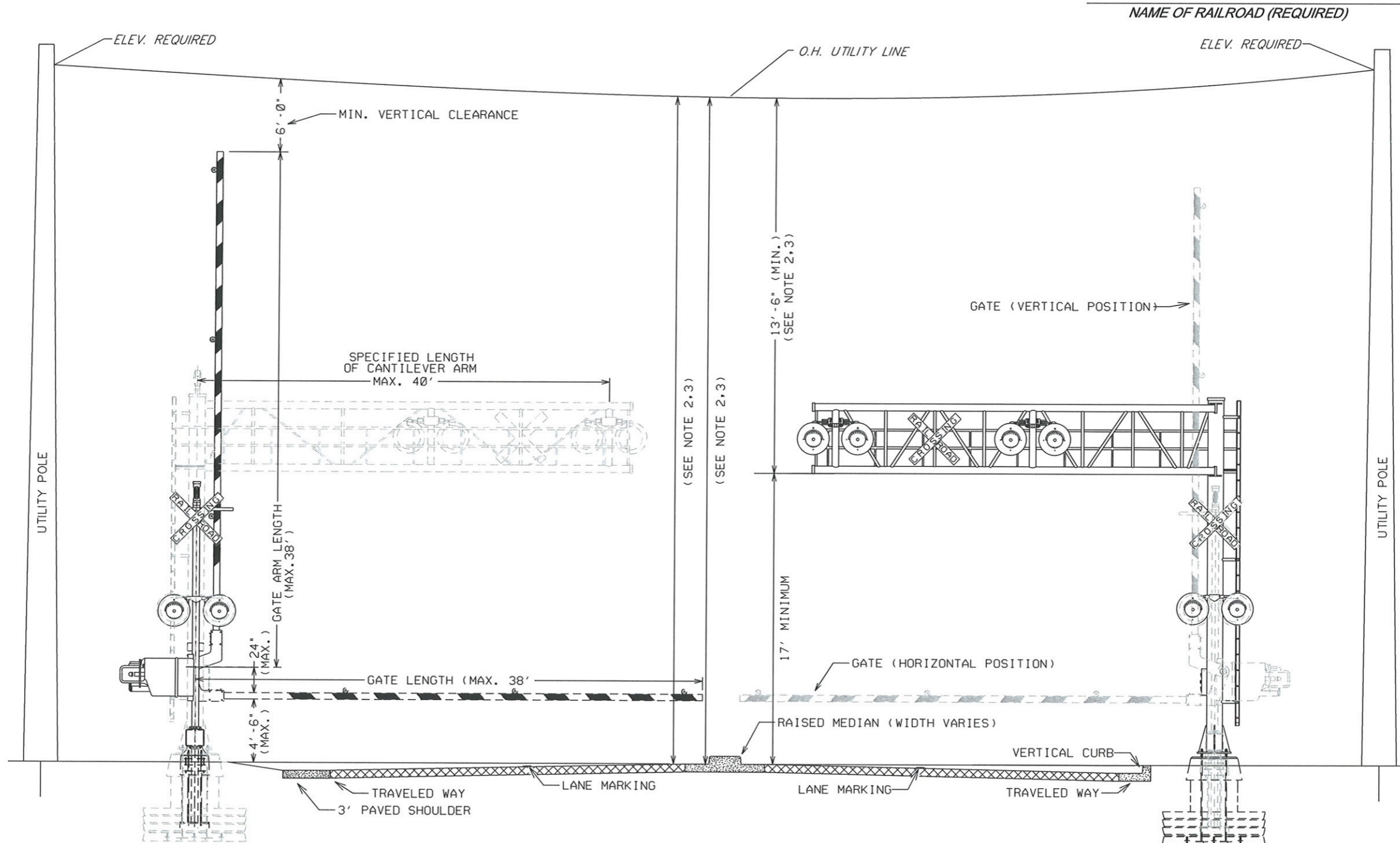


FILE
ES8090.2
REVISIONS
06-28-2011 T J F / X R L



- NOTE: 1. POLES NOT ALLOWED WITHIN RIGHT-OF-WAY (25' MIN. FROM C/L IF NOT POSSIBLE TO BE LOCATED OUTSIDE OF R.O.W.)
2. MINIMUM VERTICAL DISTANCE TO LOW WIRE MAY NEED TO BE INCREASED DEPENDING ON LENGTH OF SIGNAL ARMS REQUIRED TO PROTECT WIDE ROADWAYS.
3. AT ROADWAY GRADE CROSSINGS, PROVIDE SAFE CLEARANCES BETWEEN WARNING DEVICE AND ELECTRICAL TRANSMISSION, DISTRIBUTION CABLES (INCLUDING MESSENGER AND NEUTRAL WIRES), AND ALL COMMUNICATION LINES. ALL OVERHEAD UTILITY CROSSINGS SHALL PROVIDE THE MINIMUM VERTICAL CLEARANCE FROM TOP OF RAIL (T/R) OF HIGHEST TRACK PLUS ADDITIONAL CLEARANCES NECESSARY TO OBTAIN OPERATIONAL CLEARANCES FROM CROSSING WARNING DEVICE ASSEMBLIES AS FOLLOWS:
- A. 27" OR 6'0" VERTICAL CLEARANCE FROM GATE TIP IN VERTICAL POSITION OR STRUCTURE MAST (WHICHEVER IS GREATER).
  - B. 27" OR 13'6" VERTICAL CLEARANCE FROM CANTILEVER ARM OR STRUCTURE MAST (WHICHEVER IS GREATER).
4. NO WORK WILL BE PERMITTED ON RAILROAD RIGHT-OF-WAY WITHOUT A FLAGMAN.
5. SEE ES8090.2 SH. 1 FOR CLEARANCE REQUIREMENTS AT TRACK.
6. SEE ALSO "GENERAL SPECIFICATIONS FOR SUB-GRADE AND ABOVE GRADE UTILITY CROSSINGS OF RAILROAD'S RIGHT-OF-WAY" FOR ADDITIONAL DETAILS AND REQUIREMENTS.



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AVP-Engineering Services

The material and equipment shown herein must meet or exceed all quality requirements. Any deviation from these standards must be submitted in writing and approved by the Railroad Director of Engineering Services prior to use.

**MISCELLANEOUS**

SERIES 8000

**OVERHEAD WIRE LINE PERMIT INFORMATION AT GRADE CROSSING**

**ES8090.2**

SH. 2 OF 2