

Revised 5/1/2007

RAILROAD CROSSING REVIEW

Tentative Project No. _____

Crossing Location _____

Railroad Crossing No. _____
(posted at crossing or see Planning & Programming Division - Railroad Program Section)

Date _____ Recorded By _____ Phone No. _____

Type of Crossing Surface in Place _____ Condition _____
(plank, full depth timber, asphalt, rubber, concrete)

Number of Tracks _____

Should Surface be Replaced: _____
(cost: timber \$500 / lft, rubber \$900 / lft, concrete \$1,000 / lft)

Will Track Elevation Require Adjustment? _____ How Much? _____

Possible Detour to Accommodate Railroad Surface Work? _____
(New surface will close crossing about 1 week, detour to be NDDOT responsibility)

Note the following dimensions from to the attached figures:

1. Crossing Angle _____

2. Width of Roadway (present) _____ (proposed) _____

3. Width of Shoulders (present) _____ (proposed) _____

4. Length of Crossing Surface (present) _____ (proposed) _____
(measured along track centerline)

5. Location of Signal Foundations _____
(measured center roadway to center of signal base and center track to center of signal base)

6. Location of Controller Cabinet (Bungalow) _____
(measured to closest edges from track and edge of roadway)

Other Comments: _____

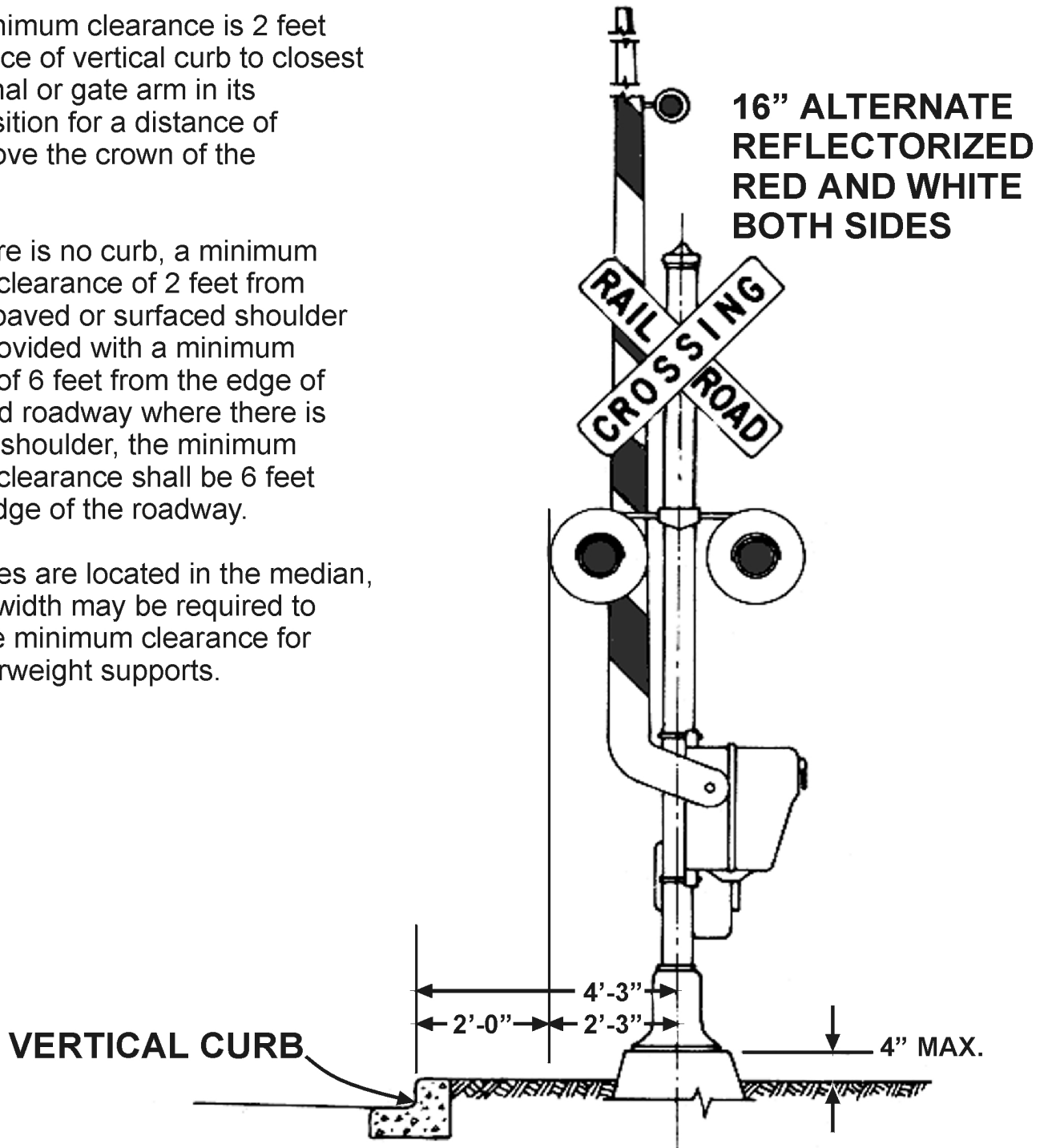
cc: Planning/Asset Management Division – Railroad Crossings Programs Section

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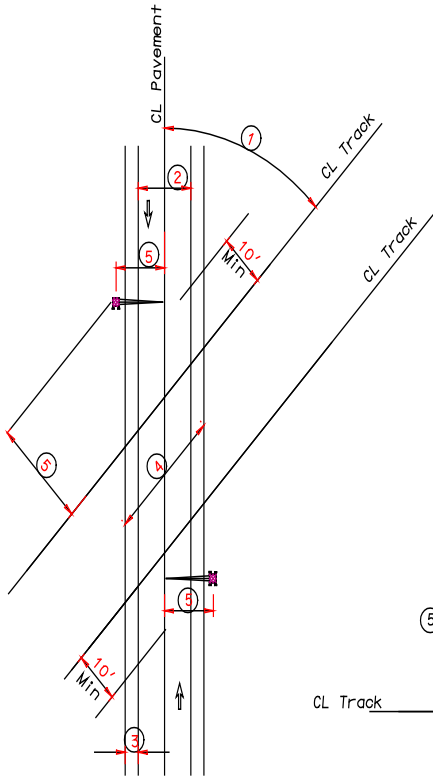
Typical minimum clearance is 2 feet from the face of vertical curb to closest part of signal or gate arm in its upright position for a distance of 17 feet above the crown of the roadway.

Where there is no curb, a minimum horizontal clearance of 2 feet from edge of a paved or surfaced shoulder shall be provided with a minimum clearance of 6 feet from the edge of the traveled roadway where there is no curb or shoulder, the minimum horizontal clearance shall be 6 feet from the edge of the roadway.

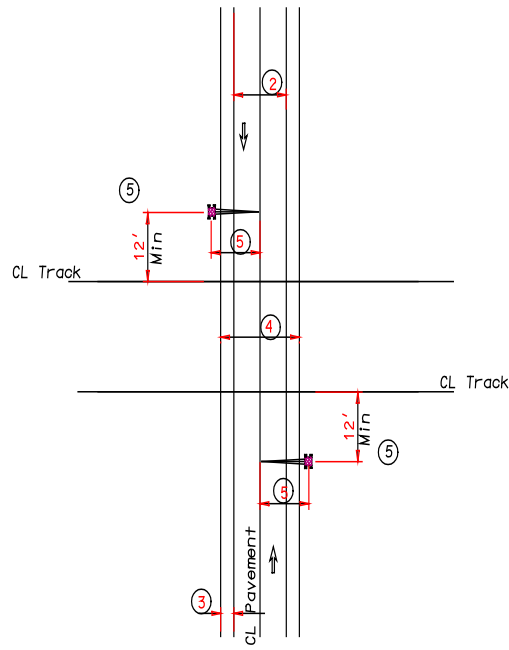
Where gates are located in the median, additional width may be required to provide the minimum clearance for the counterweight supports.



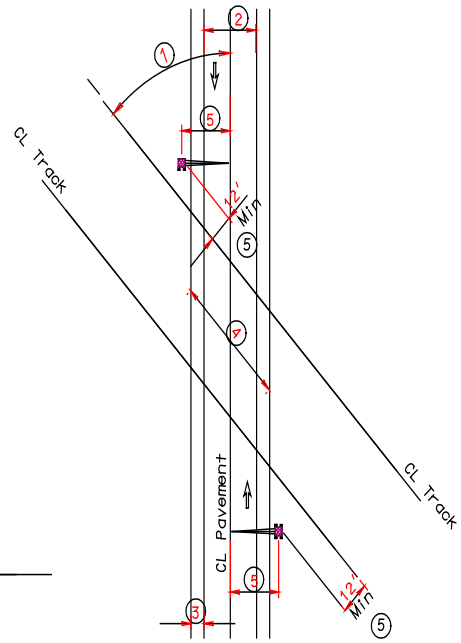
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OBTUSE ANGLE



RIGHT ANGLE



ACUTE ANGLE