

SUDAS Revision Submittal Form

Status Date: As of 5/18/2022 **Topic:** Railroad crossing approaches
Manual: Specifications **Manual Location:** Figures 7010.903 and 7020.902

Requested Revision: *Deleted the 1 inch fiber board from the railroad crossing approach figures and changed terminology from HMA to asphalt. See attached.*

Reason for Revision: Fiber board is not needed nor desired.

Comments: None.

District: 1 2 3 4 5 6

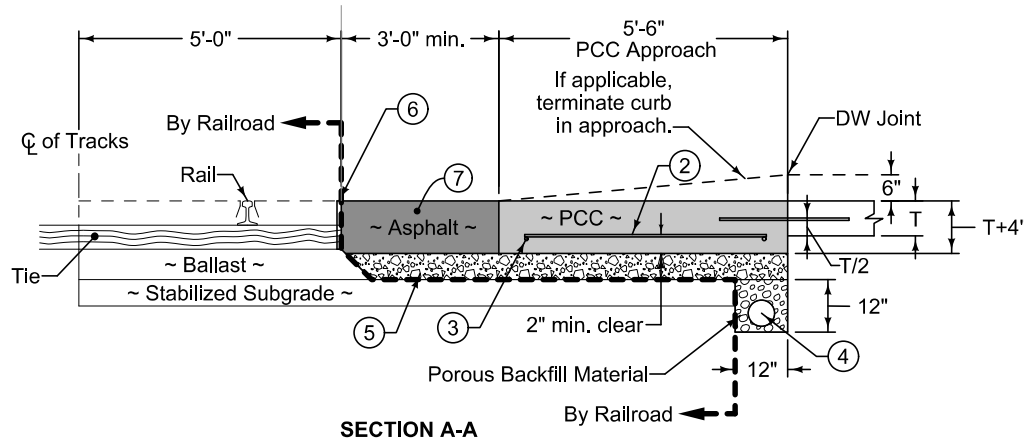
Comments: None.

Action: Deferred Not Approved Approved

Final District Action Summary: All 6 districts approved.

Board of Directors Action: Approved.

Deleted the 1" fiber board and changed terminology from HMA to asphalt



- ① Tie reinforcing bars with wire at all intersections with other bars. Lap reinforcing bars a minimum of 12 inches when necessary and tie securely.
- ② 5 foot 2 inch (typ.) #5 bar or pavement length minus 4 inches, at 12 inches on center.
- ③ #5 bars X (approach width minus 4 inches).
- ④ Install 6 inch perforated CMP subdrain, if specified. Include rodent guard per Iowa DOT Materials I.M. 443.01.
- ⑤ Granular subbase, modified subbase, or ballast meeting railroad specifications.
- ⑥ For new crossings, construct pavement 1/2 inch to 1 inch below top of rail. For existing crossings, construct pavement level to 1/2 inch below top of rail.
- ⑦ Full depth asphalt patch per Section 7040.
- ⑧ Refer to Figure 7030.205 for detectable warning location.

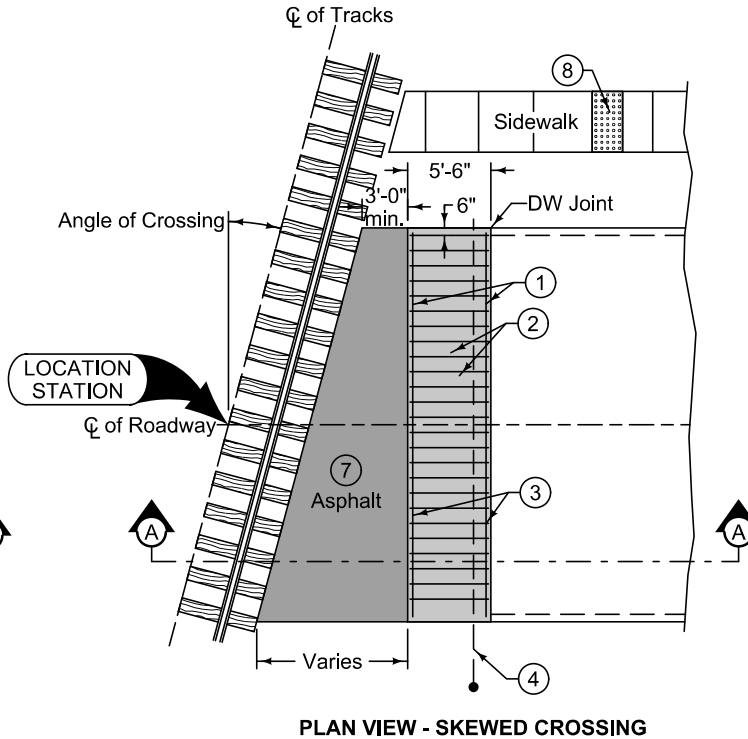
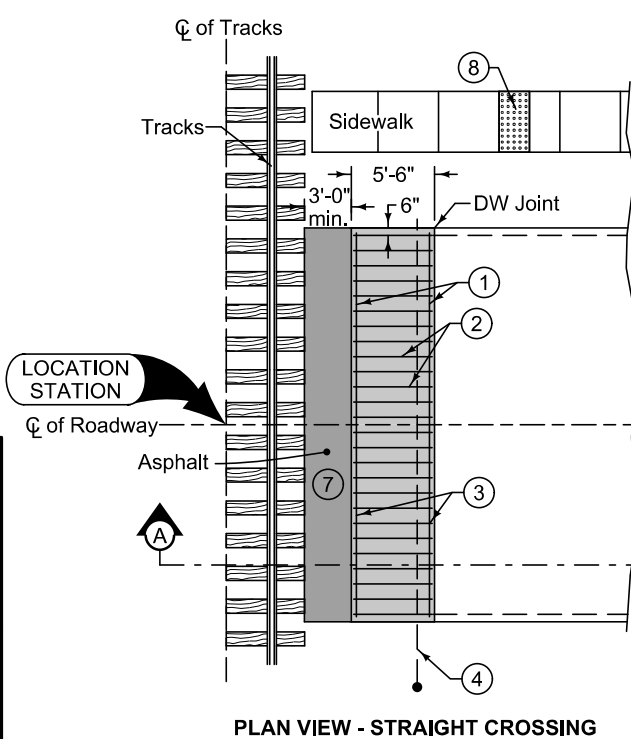
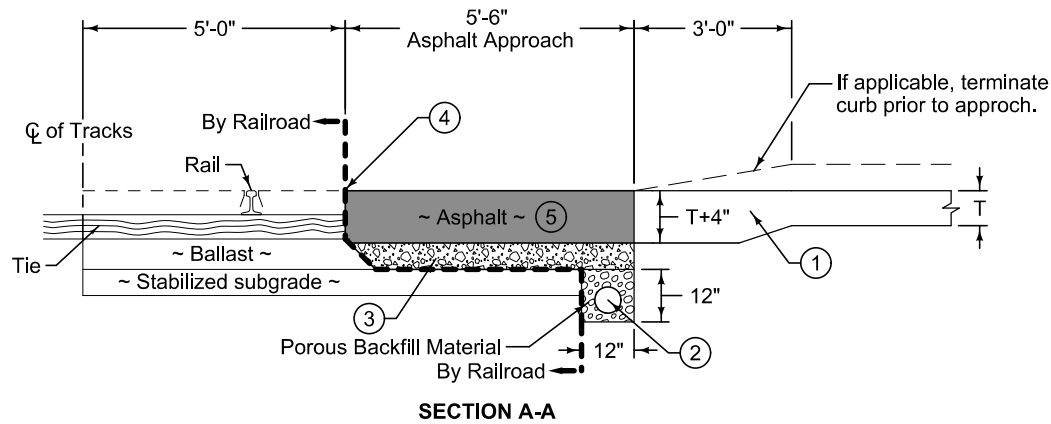


FIGURE 7010.903 SHEET 1 OF 1

	REVISION 3 2023 Edition
	<b style="font-size: 1.2em;">7010.903 SHEET 1 of 1
SUDAS Standard Specifications	
PCC RAILROAD CROSSING APPROACH	

Deleted the 1" fiber board and changed terminology from HMA to asphalt



- ① Asphalt mainline paving.
- ② Install 6 inch perforated CMP subdrain, if specified. Include rodent guard per Iowa DOT Materials I.M. 443.01.
- ③ Granular subbase, modified subbase, or ballast meeting railroad specifications.
- ④ For new crossings, construct pavement 1/2 inch to 1 inch below top of rail. For existing crossings, construct pavement level to 1/2 inch below top of rail.
- ⑤ Construct asphalt approach according to the requirements for full depth asphalt patching or the requirements for asphalt paving if constructed in conjunction with mainline asphalt.
- ⑥ Refer to Figure 7030.205 for detectable warning location.

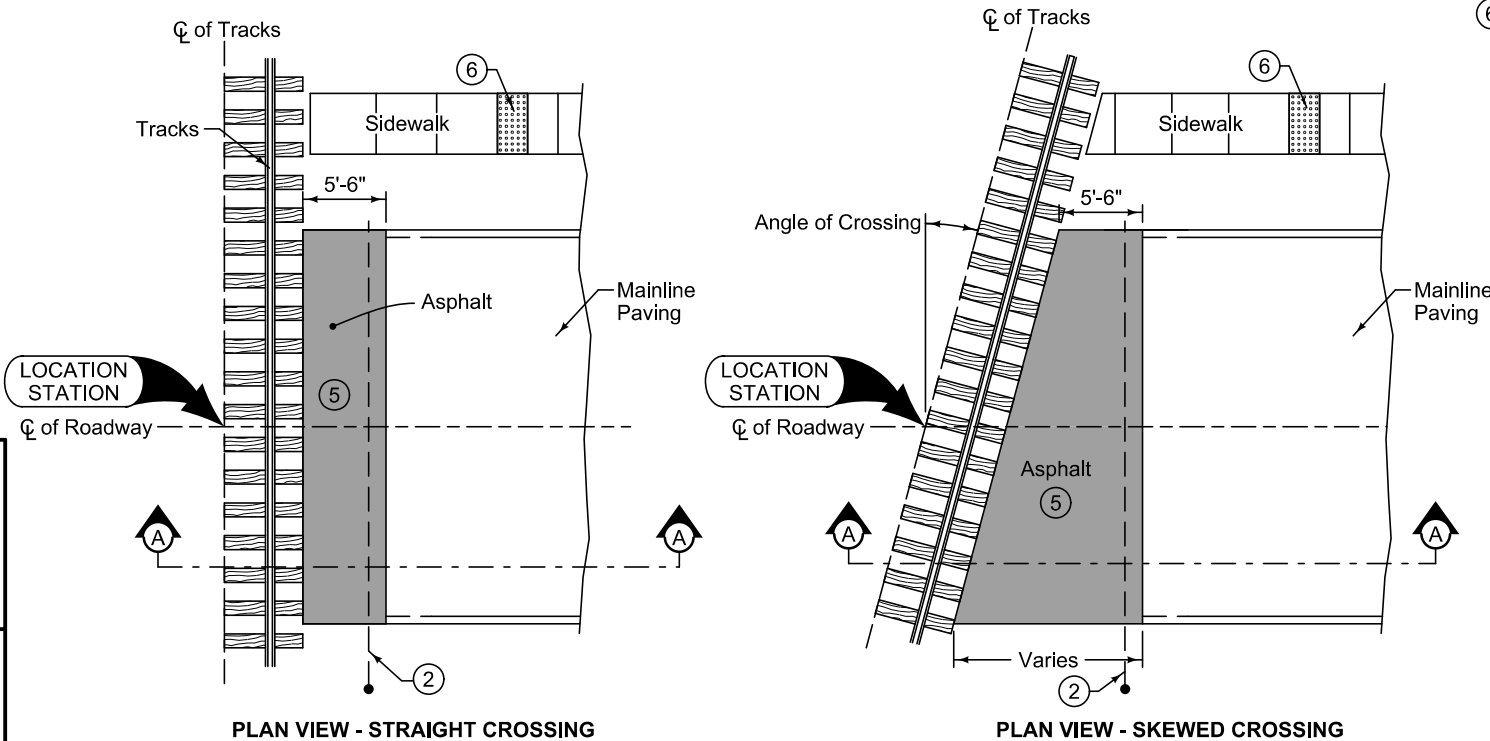


FIGURE 7020.902 SHEET 1 OF 1

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	7020.902	SHEET 1 of 1
SUDAS Standard Specifications		
ASPHALT RAILROAD CROSSING APPROACH		