



No Comment / All Items CLOSED*

Submittal Essentials in RED **

Project Engineer Review Items; [KC Structures Review Items](#)

BNSF Engineering Services-Structures Review Comments

Grade Separation (OH Design) Review Comments Sheet

Check for compliance with current AREMA and [Union Pacific - BNSF Guidelines for Railroad Grade Separation Projects](#)

Project Name:		BNSF Point of Contact:	
Submittal Name:		Project CM Contact:	
Plan File Name:		Asset MP Name:	
Plan File Date:		Plan %:	

Horizontal Clearance

No Exceptions Taken Comments Below N/A

Track Geometry (Curves, run off, grades, track spacing, etc.)

No Exceptions Taken Comments Below N/A

Temporary Horizontal Clearance (Includes Falsework)

No Exceptions Taken Comments Below N/A

Clearance for Access Road (Input from Division on Need)

No Exceptions Taken Comments Below N/A

Drainage – Diverted away from BNSF ROW & Drain Locations

No Exceptions Taken Comments Below N/A

Ditches Shown and Drainage Path Indicated

No Exceptions Taken Comments Below N/A

Piers on BNSF ROW (Check Pier Protection Requirements)

> 25' to CL ≤ 25' to CL ≤ 12' to CL

Clearance for Future Track(s) (Input from Cap Planning; Left / Right?)

No Exceptions Taken Comments Below N/A

Vertical Clearance

No Exceptions Taken Comments Below N/A

Temporary Vertical Clearance (Includes Falsework)

No Exceptions Taken Comments Below N/A

RR Track Profile (1000' Either direction on all Existing and Future Tracks)

No Exceptions Taken Comments Below N/A

2:1 Slopes w/ Type / limits of Paving

No Exceptions Taken Comments Below N/A

Impacts to signal, telecom, etc.

No Exceptions Taken Comments Below N/A

Splice Locations Shown w/ respect to tracks

No Exceptions Taken Comments Below N/A

BNSF MP & Direction of Increasing MP on Plan View

No Exceptions Taken Comments Below N/A

Fence / Barrier Rail (Shoulder width, height, limits w/ respect to tracks)

No Exceptions Taken Comments Below N/A

TOR Elevations at All Tracks

No Exceptions Taken Comments Below N/A

ROW Limits Shown (all piers should be off of BNSF ROW if possible)

No Exceptions Taken Comments Below N/A

Depth of Foundations from TOT Dimensioned

No Exceptions Taken Comments Below N/A

Width of Superstructure & Depth Dimensioned on Section View

No Exceptions Taken Comments Below N/A

MSE Walls

None Proposed Off BNSF ROW Crash-Protected

Item No.	Sheet No.	Reviewer Comment Date:	Initial	Designer's Response Date:	Reviewer's Comment Date:	Initial	Designer's Response Date:	Reviewer's Comment Date:	Initial	Designer's Response Date:	Reviewer's Comment Date:	Initial	Status (Open or Closed)
1.													
2.													
3.													
4.													
5.													
6.													
7.													

Add Row

*BNSF has reviewed these submittals and no exceptions are taken with regard to BNSF's ability to use or accommodate the project as intended. BNSF has not reviewed the design details or calculations for structural integrity or engineering accuracy. BNSF accepts no responsibility for errors or omissions in the design or execution of the project.

** Check Submittal Essentials prior to transmittal to Structures Review. If not included, Project Engineer to reject and request resubmittal.