

13 GEOMETRIC DESIGN CRITERIA TABLE

Instructions to Designers: Complete this table for all safety issues considered, as described in the process for addressing safety requirements on 3R projects flowchart. Attach completed table(s) to the CDOT Form 463 and when a design exception exists, also attach to the CDOT Form 464.

For those geometric design criteria that do not contribute to the documented safety problem, note "not applicable" (N/A). Only those criteria determined to contribute to the Safety Issue need to be addressed.

For each design exception noted above, document the rational need for exception, additional cost to build to relevant standard and mitigation measures considered (attach to CDOT Form 464).

Geometric Design Criteria Table Number: _____ of _____	Project Code:	Project Number:
Project Description:		Relevant Standard is under: <input type="checkbox"/> AASHTO <input type="checkbox"/> 3R <input type="checkbox"/> Other:
Prepared by:	Revised by:	
Original Date:	Revision Date:	

Design Standards

Exception (Y/N, N/A)		Geometric Design Criteria	Reference point		Existing Condition	Relevant Standard	Proposed
			begin	end			
	1	Width of travel lanes					
	2	Shoulder width left/median					
	3	Shoulder width right/outside					
	4	Design speed					
	5	Cross slope					
	6	Max. superelevation rate Min.					
	7	radius					
	8	Min. horizontal SSD					
	9	Min. vertical SSD					
	10	Max. grade					

Major Structure

Design Except(Y/N)		Geometric Design Criteria	Reference point		Existing Condition	Relevant Standard	Proposed
			begin	end			
	1	Horizontal clearance					
	2	Vertical clearance					
	3	Bridge width					
	4	Structural capacity					