COLORADO DEPARTMENT OF TRANSPORTAT	ION	FHWA	Project Code	
DESIGN EXCEPTION VARIANCE F	REQUEST	Oversight  Yes	BR 0061-083	
		□ No	DI 0001-000	
Project name		Date	Project Number	
LIC C Dridges Deging Build Duging		10/05/0010	40000	
US 6 Bridges Design Build Project		10/25/2012	18838	
Type (check all that are applicable)		Revised	Region	
New construction ☐ Restoration ☒ Resurfacing ☐ Re	ehabilitation 🔲		6	
☐ Reconstruction ☐ Safety ☐ Enhancement ☐ ☐ ☐ ☐				
Part 1 - Complete A through H for all projects.				
A. Short project description ( see CDOT Form 463 for more The Project generally includes improvements at the I-25/US 6 in			HTO standards apply	
The Project generally includes improvements at the I-25/US 6 interchange, partial closure of the Bryant Street interchange, a diamond interchange at US 6/Federal Boulevard with slip   ☐ 3R standards apply   ☐ Other: CDOT Roadway				
ramps to Bryant Street and a braided ramp from Federal Boulevard to eastbound US 6,  Design Manual				
improvements to Federal Boulevard between 5th and 7th Avenu		nue		
to two-way operation east of Federal Boulevard, reconstruction distributor roads/auxiliary lanes from Federal Boulevard to the E		oturo		
replacement of existing Bridge Structures on US6 at Bryant Stre				
and the BNSF RR, resurfacing of US 6 westerly to Sheridan Bo	ulevard, upgrading impact			
portions of the South Platte River Trail to current standards, and				
structure over US6 connecting Barnum Park North to Barnum Park South.				
B. Description of standard(s) reduced				
There are total of 8 design exceptions and 7 design Decisions based on the Project Basic Configuration.				
Design Decision 1 – A reduced horizontal curve design speed at US 6 at tie in with existing near Knox Court.				
Design Decision 2 – A reduced horizontal curve design speed a	t Entrance Ramp from Fe	deral Blvd to WB	US 6.	
Design Exception 3 – A reduced horizontal curve design speed Design Exception 4 – A reduced vertical curve design speed at			Ramp Structure).	
Design Decision 5 – Reduced horizontal and vertical curve design	on speeds at EB US 6 CD	Road tie into exi	sting I-25 Flyovers.	
Design Decision 6 - A outside shoulder width redcution at WB			oung restrictions.	
Design Exception 7 – A reduced ramp design speed at SB I-25		8 525 7777		
Design Exception 8 – Originally a design exception was identified	ed for the SB I-25 to EB U	S 6 loop ramp. Af	ter review with FHWA	
and project design criteria, it was determined the design meets Design Decision 9 - Inside and outside shoulder widths reduction	noop ramp design criteria.	iers locations at/r	near LIS 6 over L-25	
Design Decision 10 – A reduced inside shoulder width at/near l-		icis iocations au	icai 00 0 0vci 1-20.	
Design Exception 11 – A reduced horizontal curve design spee	d at US 6 East of I-25.			
Design Exception 12 - A reduced ramp design speed at Northbo				
Design Decision 13 – A profile grade 0.5% greater than the proj Design Exception 14 – Reduced horizontal and vertical curve do	ject design criteria SB 1-25	south of US 6.	6 (Evit from 1.25)	
Design Exception 15 – Reduced horizontal and vertical curve of				
C. Rational need for exception(s)				
Please see explanation in Design Exception Paper 1-02-13 Final attached.				
D. Mitigation measures proposed (include safety discussion)				
Please see explanation in Design Exception Paper 1-02-13 Final attached.				
E. Description of adjoining sections: (☐ see CDOT Form 463	3)			
Other: US 6 and I-25.				
B.		200 S		
		☐ same as p	proposed project	
F. Accident data Source:	G. Cost			
Most recent statewide accident rate (calendar year) for this	Most recent statewide accident rate (calendar year) for this  Estimated item cost if built to full standard  \$			
functional class / facility: (per million vehicle-miles of travel)	Estimated item cost if built to full standard \$  Estimated item cost with exception \$  ± difference in cost: \$			
a) b)				
Latest accident rate for this highway (usually 3 years): 2006				
a) 270 (see attached safety assessment report)				
b) a) 270 (see attached salety assessment report)				
H. Other (as needed)				

A. Submitted by (Project Manager)	Date	Program Engineer Approval	Date
Ihor Sull	1-4-13	ál	01-04-2013
Resident Engineer Approval		•	Date
Matthe Wanters			01-04-2013
Required for Federal-oversight projects only			
Approved by (FHWA Division Administrator)	el,	fol	Date 01-23-2013
B.	comments		

Previous editions are obsolete and may not be used.

Distribution:

Project Manager Program Engineer Resident Engineer HQ Records Center FHWA, if applicable

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