

Colorado Department of Transportation
Structure Inspection and Inventory Report (English Units)

Highway Number (ON) 5D: 0

Mile Post (ON)11: 0.000 mi

Bridge Name: H-17-DC Inspection Date: 1/16/2013 Sufficiency Rating: 98.4 Not Eligible

NBI Reporting ID:	H-17-DC	Hist Signif 37:	5	UW Inspection Date 93B:	
Rgn/Sectn 2E/2M:	24	Posting status 41:	A	SI Date 93C:	
Trans Region 2T	01	Service on/un 42A/B:	6 1	Bridge Cost 94:	\$ 0
County Code 3:	041	Main Mat/Desgn 43A/B:	6 06	Roadway Cost 95:	\$ 0
EL PASO		Aprr Mat/Desgn 44A/B:	0 0	Total Cost 96:	\$ 0
Place Code 4:	00000	Main Spans Unit 45:	2	Year of Cost Estimate 97:	
non-city		Approach Spans 46:	0	Brdr Brdg Code/% 98A/B:	
Rte.(On/Under)5A:	1	Horiz Clr 47:	99.9 ft	Border Bridge Number 99:	
Signing Prefix 5B:	4	Max Span 48:	127.0 ft	Defense Highway 100:	0
Level of Service 5C:	1	Str Length 49:	255.3 ft	Parallel Structure 101:	N
Directional Suffix 5E:	0	Curb Wdth L/R 50A/B:	0.0 ft 10.5 ft	Direction of Traffic 102:	2
Feature Intersected 6:		Width Curb to Curb 51:	122.5 ft	Temporary Structure 103:	
I 25 ML		Width Out to Out 52:	126.5 ft	Highway System 104:	0
Facility Carried 7:		Deck Area:	32,291.7 sq. ft	Fed Lands Hiway 105:	0
BAPTIST RD-CR32		Min Clr Ovr Brdg 53:	99.99	Year Reconstructed 106:	0000
Alias Str No.8A:		Min Undrclr Ref 54A:	H	Deck Type 107:	1
		Min Undrclr 54B:	17.3 ft	Wearing Surface 108A:	2
Pril Str No. 8P		Min Lat Clrnce Ref R 55A:	H	Membrane 108B:	0
		Min Lat Undrclr R 55B:	51.3 ft	Deck Protection 108C:	1
Location 9:		Min Lat Undrclr L 56:	16.5 ft	Truck ADT 109:	12 %
7.9 MI N OF JCT SH 83 ML		Deck 58:	8	Trk Net 110:	0
Max Clr 10:	328.1 ft	Super 59:	8	Pier Protection 111:	#
BaseHiway Net12:	0	Sub 60:	8	NBIS Length 112:	Y
IrsinvRout 13A	0000000000	Channel/Protection 61:	N	Scour Critical 113:	N
IrrsubRout No13B:	00	Culvert 62:	N	Scour Watch 113M:	0
Latitude 16:	39d 03' 24"	Oprtn Rtg Method 63:	5 No rating	Future ADT 114:	6,000
Longitude 17:	104d 51' 06"	Operating Rating 64:	36.0	Year of Future ADT 115:	2028
Range18A:	67 W	Inv Rtn Method 65:	5	CDOT Str Type 120A:	CBGCP
Township18B:	67	Inventory Rating 66:	36.0	CDOT Constr Type 120B:	U
Section18C:	35	Asph/Fill Thick 66T:	000 "in"	Inspection Indic 122A:	
Detour Length 19:	5.0 mi	Str. Evaluation 67:	8	Inspection Trip 122AA:	
Toll Facility 20:	3	Deck Geometry 68:	9	Inspection Schedule ID:	ODD DEC D12
Custodian 21:	1	Undrclr Vert/Hor 69:	6	Maintenance Patrol 123:	8
Owner 22:	1	Posting 70:	5	Expansion Dev/Type124:	D
Functional Class 26:	08	Waterway Adequacy 7:	N	Brdg Rail Type/Mod 125A/B:	Y 0
Year Built 27:	2010	Approach Alignment 72:	8	Posting Trucks 129A/B/C:	0 0 0
Lanes on 28A:	8	Type of Work 75A:		Str Rating Date 130:	1/1/2009
Lanes Under 28B:	4	Work Done By 75B:		Special Equip 133:	-1
ADT 29:	4,201	Length of Improvment 76:	0.0 ft	Vert Clr N/E 134A/B/C:	X 99.99 0
Year of ADT 30:	2008	Insp Team Indicator 90B:	GREEN TEAM	Vert Clr S/W 135A/B/C:	X 99.99 0
Design Load 31:	9	Inspector Name 90C:	JACKSONC	Vertical Clr Date:	5/5/1905
Apr Rdwy Width 32:	106.0 ft	Frequency 91:	24 months	Weight Limit Color: 139:	9
Median 33:	2	FC Frequency 92A:		Str Billing Type:	U
Skew 34:	25.00 °	UW Frequency 92B:		Userkey 1 - System:	ONSYS
Structure Flared 35:	0	SI Frequency 92C:		Userkey 7-Update Indic:	
Sfty Rail 36a/b/c/d:	1 1 1 1	FC Inspection Date 93A:			
Rail ht36h:	35 "in"				

Inspector Name: JACKSONC

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Element Inspection Report

Elm/Env	Description	Units	Total Qty	% in 1	CS 1	% in 2	CS 2	% in 3	CS 3	% in 4	CS 4	% in 5	CS 5
35/4	Pcst Pnl Cnc Dk Bare	(SF)	32,296	100 %	32,296	0 %	0	0 %	0	0 %	0	0 %	0
104/4	P/S Conc Box Girder	(LF)	1,764	100 %	1,764	0 %	0	0 %	0	0 %	0	0 %	0
205/4	R/Conc Column	(EA)	7	100 %	7	0 %	0	0 %	0	0 %	0	0 %	0
215/4	R/Conc Abutment	(LF)	280	100 %	280	0 %	0	0 %	0	0 %	0	0 %	0
300/4	Strip Seal Exp Joint	(LF)	280	100 %	280	0 %	0	0 %	0	0 %	0	0 %	0
301/4	Pourable Joint Seal	(LF)	280	100 %	280	0 %	0	0 %	0	0 %	0	0 %	0
321/4	R/Conc Approach Slab	(EA)	2	100 %	2	0 %	0	0 %	0	0 %	0	0 %	0
325/4	Slope Prot/Berms	(EA)	2	100 %	2	0 %	0	0 %	0	0 %	0	0 %	0
326/4	Bridge Wingwalls	(EA)	4	100 %	4	0 %	0	0 %	0	0 %	0	0 %	0
334/4	Metal Rail Coated	(LF)	508	100 %	508	0 %	0	0 %	0	0 %	0	0 %	0
338/1	Conc Curbs/SW	(LF)	762	100 %	762	0 %	0	0 %	0	0 %	0	0 %	0
359/4	Soffit Smart Flag	(EA)	1	100 %	1	0 %	0	0 %	0	0 %	0	0 %	0

Elem/Env	Description	Element Notes
35/4	Pcst Pnl Cnc Dk Bare	Cast in place concrete deck over precast deck panels between girders. Significant trans. and map cracks (largest 1/8"). Sand along shoulders.
104/4	P/S Conc Box Girder	Prestressed U-Type Girders. Not accessible. Good condition.
205/4	R/Conc Column	Conc. diaphragms between girders at Pier 2. No pier caps. Cols. are in good condition.
215/4	R/Conc Abutment	A few spots of efflor. along horiz. cold jt. at both abutments (more visible at A3), otherwise look good.
300/4	Strip Seal Exp Joint	At ends of approach slabs. Opened 2.75" rear jt., and 2.5" fwd. jt. (2013). Filled with sand.
301/4	Pourable Joint Seal	At ends of deck. No problems seen.
321/4	R/Conc Approach Slab	Diag. cracking and shrinkage cracking (up to 1/8") in approach slabs and end dam concrete. Need sealed at roadway joint on each side of sleeper.
325/4	Slope Prot/Berms	Painted concrete slopes below retaining walls at abutments. Good condition.
326/4	Bridge Wingwalls	U-type wings. Trans cracking in slope pavement along wingwalls. #1L vertical joint open 1.5". #1R open 1" and rear panel opening at top 1". Minor erosion along slope pavement at #1L. #3R vertical cracking and light horizontal cracking, vertical joint open 1.5". #3L light horizontal cracking and vertical joint open 1.5". Sealant failing from loss of adhesion along top of panel.
334/4	Metal Rail Coated	Galv. Type Y rail, good condition. 7.5 ft. tall painted chain link fence attached to Lt. rail.
338/1	Conc Curbs/SW	Typical hairline trans. cracks, a few with efflor. 10.5 ft. sidewalk on Lt. side. A few trans. and diag. cracks in walk.
359/4	Soffit Smart Flag	A few trans. cracks with efflor. along overhangs and on outside of curbs, worse at pier. Some cracking and rust stains visible in bottoms of deck panels.

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Bridge Notes

Drains along both sides at each abutment.
Sign in median at East end needs repaired.

Inspection Notes

Time: 4:15 pm
Temp.: 40 deg. F.
Weather: Clear

Scope:

NBI: Element: Underwater: Fracture Critical: Other: Type: Regular NBI

Team Leader Inspection Check-off:

- FCM's
- Posting Signs
- Essential Repair Verification
- Vertical Clearance
- Stream Bed Profile

Inspection Team:

Inspection Date: 01/16/2013

Inspector: JACKSONC

Inspector (Team Leader)

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