

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

Highway Number (ON) 5D: 025A

Mile Post (ON)11: 139.750 mi

Bridge Key: I-17-MH      Inspection Date: 9/26/2012      Sufficiency Rating: 79.0      Not Eligible

Rgn/Sectn 2E/2M:	24	Hist Signif 37:	5	UW Inspection Date 93B:	
Trans Region 2T:	01	Posting status 41:	A	SI Date 93C:	
County Code 3:	041	Service on/un 42A/B:	1 5	Bridge Cost 94:	\$ 0
EL PASO		Main Mat/Desgn 43A/B:	5 1	Roadway Cost 95:	\$ 0
Place Code 4:	16000	Appr Mat/Desgn 44A/B:	0 0	Total Cost 96:	\$ 0
COLORADO SPRINGS		Main Spans Unit 45:	1	Year of Cost Estimate 97:	
Rte.(On/Under)5A:	1	Approach Spans 46:	0	Brdr Brdg Code/% 98A/B:	
Signing Prefix 5B:	1	Horiz Clr 47:	39.2 ft	Border Bridge Number 99:	
Level of Service 5C:	1	Max Span 48:	39.0 ft	Defense Highway 100:	0
Directional Suffix 5E:	0	Str Length 49:	43.2 ft	Parallel Structure 101:	L
Feature Intersected 6:		Curb Wdth L/R 50A/B:	9.7 ft 3.4 ft	Direction of Traffic 102:	1
CHEYENNE CREEK		Width Curb to Curb 51:	39.2 ft	Temporary Structure 103:	
Facility Carried 7:		Width Out to Out 52:	55.8 ft	Highway System 104:	1
I25 ML		Deck Area:	2,411.1 sq. ft	Fed Lands Hiway 105:	0
Alias Str No.8A:		Min Clr Ovr Brdg 53:	99.99	Year Reconstructed 106:	0000
		Min Undrclr Ref 54A:	N	Deck Type 107:	1
Prll Str No. 8P		Min Undrclr 54B:	0.0 ft	Wearing Surface 108A:	1
		Min Lat Clrnce Ref R 55A:	N	Membrane 108B:	0
Location 9:	328.05117409:	Min Lat Undrclr R 55B:	0.0 ft	Deck Protection 108C:	1
IN COLORADO SPRINGS		Min Lat Undrclr L 56:	0	Truck ADT 109:	9 %
Max Clr 10:	99.99	Deck 58:	7	Trk Net 110:	1
BaseHiway Net12:	1	Super 59:	8	Pier Protection 111:	#
IrsinvRout 13A:	000000025A	Sub 60:	8	NBIS Length 112:	Y
IrsSubRout No13B:	00	Channel/Protection 61:	8	Scour Critical 113:	8
Latitude 16:	38d 48' 53"	Culvert 62:	N	Scour Watch 113M:	0
Longitude 17:	104d 49' 22"	Optprtng Rtg Method 63:	1 LF Load Factr	Future ADT 114:	57,596
Range18A:	66 W	Operating Rating 64:	93.6	Year of Future ADT 115:	2027
Township18B:	14	Inv Rtnng Method 65:	1	CDOT Str Type 120A:	CSP
Section18C:	19	Inventory Rating 66:	55.1	CDOT Constr Type 120B:	03
Detour Length 19:	0.0 mi	Asph/Fill Thick 66T:	000 "in"	Inspection Indic 122A:	
Toll Facility 20:	3	Str. Evaluation 67:	8	Inspection Trip 122AA:	
Custodian 21:	1	Deck Geometry 68:	2	Scheduling Status 122B:	
Owner 22:	1	Undrclr Vert/Hor 69:	N	Maintenance Patrol 123:	69
Functional Class 26:	11	Posting 70:	5	Expansion Dev/Type124:	D
Year Built 27:	2003	Waterway Adequacy 7:	7	Brdg Rail Type/Mod 125A/B:	Y 1
Lanes on 28A:	3	Approach Alignment 72:	8	Posting Trucks 129A/B/C:	0 0 0
Lanes Under 28B:	0	Type of Work 75A:		Str Rating Date 130:	2/24/2000
ADT 29:	42,350	Work Done By 75B:		Special Equip 133:	-1
Year of ADT 30:	2007	Length of Improvment 76:	0.0 ft	Vert Clr N/E 134A/B/C:	X 99.99 0.00
Design Load 31:	9	Insp Team Indicator 90B:	WHITE TEAM	Vert Clr S/W 135A/B/C:	X 99.99 0.00
Apr Rdwy Width 32:	38.0 ft	Inspector Name 90C:	BUTKOVICHJ	Vertical Clr Date:	1/1/1901
Median 33:	0	Frequency 91:	24 months	Weight Limit Color: 139:	0
Skew 34:	8.00 °	FC Frequency 92A:	-1	Str Billing Type:	U
Structure Flared 35:	0	UW Frequency 92B:	-1	Userkey 1 - System:	ONSYS
Sfty Rail 36a/b/c/d:	1 0 0 0	SI Frequency 92C:	-1	Userkey 7-Update Indic:	
Rail ht36h:	44 "in"	FC Inspection Date 93A:			

Inspector Name: BUTKOVICHJ

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

Highway Number (ON) 5D: 025A

Mile Post (ON)11: **139.750 mi**

**Element Inspection Report**

Elm/En	Description	Units	Total Qty	% in 1	CS 1	% in 2	CS 2	% in 3	CS 3	% in 4	CS 4	% in 5	CS 5
12/1	Bare Concrete Deck	(SF)	2,411	100 %	2,411	0 %	0	0 %	0	0 %	0	0 %	0
104/1	P/S Conc Box Girder	(LF)	475	100 %	475	0 %	0	0 %	0	0 %	0	0 %	0
215/1	R/Conc Abutment	(LF)	112	100 %	112	0 %	0	0 %	0	0 %	0	0 %	0
300/1	Strip Seal Exp Joint	(LF)	78	96 %	75	4 %	3	0 %	0	0 %	0	0 %	0
301/1	Pourable Joint Seal	(LF)	78	100 %	78	0 %	0	0 %	0	0 %	0	0 %	0
321/1	R/Conc Approach Slab	(EA)	2	100 %	2	0 %	0	0 %	0	0 %	0	0 %	0
325/1	Slope Prot/Berms	(EA)	2	100 %	2	0 %	0	0 %	0	0 %	0	0 %	0
326/1	Bridge Wingwalls	(EA)	4	100 %	4	0 %	0	0 %	0	0 %	0	0 %	0
334/1	Metal Rail Coated	(LF)	86	100 %	86	0 %	0	0 %	0	0 %	0	0 %	0
338/1	Conc Curbs/SW	(LF)	86	100 %	86	0 %	0	0 %	0	0 %	0	0 %	0
358/1	Deck Cracking SmFlag	(EA)	1	100 %	1	0 %	0	0 %	0	0 %	0	0 %	0
501/1	Channel Cond	(EA)	1	100 %	1	0 %	0	0 %	0	0 %	0	0 %	0
504/1	BankCond	(EA)	1	100 %	1	0 %	0	0 %	0	0 %	0	0 %	0

Elem/Env	Description	Element Notes
12/1	Bare Concrete Deck	Concrete deck has hairline trans and shrinkage cracks. Otherwise looks good.
104/1	P/S Conc Box Girder	Hairline vertical cracks in exterior webs.
215/1	R/Conc Abutment	Look good.
300/1	Strip Seal Exp Joint	At end of approach slabs. Open 2 inches at both and full of sand. Forward end dam at A2 is delam with light spalling at right shoulder stripe.
301/1	Pourable Joint Seal	Above both abuts. Minor chipping of concrete at edges.
321/1	R/Conc Approach Slab	Light longit., diag., and shrinkage cracks at both.
325/1	Slope Prot/Berms	Grassy and sandy. Small rock riprap.
326/1	Bridge Wingwalls	U-type. Looks good.
334/1	Metal Rail Coated	Type Y rail with hand rail on top. Looks good.
338/1	Conc Curbs/SW	9 feet 9 inch sidewalk on left and 3 feet 6 inch walk on left. Both have light trans and shrinkage cracks. Exterior sides have vert cracks with light efflor.
358/1	Deck Cracking SmFlag	See Element 12 for comments.
501/1	Channel Cond	Sand, gravel, and cobble bed. Good alignment.
504/1	BankCond	Gentle slopes with grass and trees. Couple of trees starting to overhang sidewalks on both sides.

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

Highway Number (ON) 5D: 025A \_

Mile Post (ON)11: 139.750 mi

**Maintenance Activity Summary**

<b>MMS Activity</b>	<b>Description</b>	<b>Recommended</b>	<b>Status</b>	<b>Target Year</b>	<b>Est Cost</b>
398.00	Misc Br Wk	9/26/2012	-1	2014	150

Trim the tree branches that are overgrowing sidewalks on each side of structure.

**Bridge Notes**

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

Highway Number (ON) 5D: 025A \_

Mile Post (ON)11: 139.750 mi

**Inspection Notes**

Time: 12:15 Temperature: 59 degrees Weather: Mostly cloudy

**Scope:**

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

Inspector: BUTKOVICHJ

Inspection Team:

Inspection Date: 09/26/2012

\_\_\_\_\_  
Inspector

\_\_\_\_\_  
Inspector