

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

Highway Number (ON) 5D: 00000 0

Mile Post (ON) 11: 0.000 mi

Element Inspection Report

Elem/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
26/4	Conc Deck/Coatd Bars	(SF)	16,549	100 %	16,549	0 %	0	0 %	0	0 %	0	0 %	0
102/4	Paint Stl Box Girder	(LF)	704	96 %	674	4 %	30	0 %	0	0 %	0	0 %	0
210/4	R/Conc Pier Wall	(LF)	28	100 %	28	0 %	0	0 %	0	0 %	0	0 %	0
215/4	R/Conc Abutment	(LF)	94	100 %	94	0 %	0	0 %	0	0 %	0	0 %	0
234/4	R/Conc Cap	(LF)	67	100 %	67	0 %	0	0 %	0	0 %	0	0 %	0
300/4	Strip Seal Exp Joint	(LF)	89	100 %	89	0 %	0	0 %	0	0 %	0	0 %	0
314/4	Pot Bearing	(EA)	16	100 %	16	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
331/4	Conc Bridge Railing	(LF)	352	100 %	352	0 %	0	0 %	0	0 %	0	0 %	0
333/4	Other Bridge Railing	(LF)	704	100 %	703	0 %	1	0 %	0	0 %	0	0 %	0
338/4	Conc Curbs/SW	(LF)	352	97 %	342	3 %	10	0 %	0	0 %	0	0 %	0
341/4	Substr Conc Coating	(EA)	1	100 %	1	0 %	0	0 %	0	0 %	0	0 %	0
342/4	Sign Attachment	(EA)	4	100 %	4	0 %	0	0 %	0	0 %	0	0 %	0
343/4	Pole Attachment	(EA)	2	100 %	2	0 %	0	0 %	0	0 %	0	0 %	0
359/4	Soffit Smart Flag	(EA)	1	0 %	0	100 %	1	0 %	0	0 %	0	0 %	0

Elem/Env	Description	Element Notes
26/4	Conc Deck/Coatd Bars	2 in. Asphalt. Short light random cracks on left shoulder. Trans. cracks in lane. Few longit. cracks.
102/4	Paint Stl Box Girder	Few spots of light R1 corr. on bottom flange of both girders. Exterior paint dirty from high volumes of traffic. 3 of 9 bolts at diag. brace to diaph. conn. are loose. 5 are not fully torqued at #3 diaph. conn. in box 2B right side. See photo. Possible crack in weld right top flange at vert. stiff. at #1 diaph. from P3 in span 2 of gir. A. Dated 6-27-90, no propagation. Timber Forms left throughout girders and nails protruding through 2x4's, which makes Inspections DANGEROUS!!!!!!!!!!!!!! See Photos.
210/4	R/Conc Pier Wall	Walls look good. No cracks seen from shoulders.
215/4	R/Conc Abutment	Couple of light vert. cracks in backface of Abutment 4. Backfill is spilling out onto A4 seat through utility blockout. See photo.
234/4	R/Conc Cap	Some hairline map cracking seen from shoulder on right side of P2 cap, under girder B, west side.
300/4	Strip Seal Exp Joint	Strip seals at deck joints above both abutments. Do not appear to leak. Covered with steel plates at sidewalks. Glands are filled with sand. Open 1 in. to 1.5 in. at Abut. 1, 1.5 in. to 2.0 in. at Abut. 4.
314/4	Pot Bearing	Small pots at abutments are clean, but plates at top of pistons below Gir. A at both abutments are rotated; approx. 40 deg. at #1 left, 30 deg. at #1 right, 10 deg. at #4 left, and 15 deg. at #4 right. (See photos of bearings at A4 below Gir. A) Pots at piers are much bigger, no problems seen. 1 nut missing at masonry plate at A4 Gir. B at pot bearing A. Nuts on masonry plates at abuts. & piers are slightly backing out.