

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

Highway Number (ON) 5D: 0076A 1

Mile Post (ON) 11: 0.002 mi

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
26/4	Conc Deck/Coatd Bars	(SF)	36,357	0 %	0	100 %	36,357	0 %	0	0 %	0	0 %	0
101/4	Unpnt Stl Box Girder	(LF)	2,283	100 %	2,283	0 %	0	0 %	0	0 %	0	0 %	0
210/4	R/Conc Pier Wall	(LF)	180	100 %	180	0 %	0	0 %	0	0 %	0	0 %	0
215/4	R/Conc Abutment	(LF)	95	100 %	95	0 %	0	0 %	0	0 %	0	0 %	0
234/4	R/Conc Cap	(LF)	43	100 %	43	0 %	0	0 %	0	0 %	0	0 %	0
305/4	Elastomeric Flex Jt	(LF)	136	83 %	112	17 %	24	0 %	0	0 %	0	0 %	0
315/4	Disk Bearing	(EA)	42	95 %	40	0 %	0	5 %	2	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)	1,530	100 %	1,530	0 %	0	0 %	0	0 %	0	0 %	0
340/4	Superstr Cnc Coating	(EA)	1	0 %	0	100 %	1	0 %	0	0 %	0	0 %	0
341/4	Substr Conc Coating	(EA)	1	100 %	1	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	3 in. asphalt; moderate, unsealed trans and longit cracks thruout. Couple small potholes adjacent to Abut 1 joint.
101/4	Unpnt Stl Box Girder	Boxes are not accessible until pigeon stuff and formwork is removed. Many welds at tops interior vertical stiffeners were left short 1 in. +/- . Additional welds were added. Gir. 1A, diaph. 1 has heavy cable attached to it as if the girder needed to be restrained before the deck was poured. Interiors appear to be remaining dry. The deck formwork is tough to get around, see 10-2001 photo. Girders 1A, 2A, and 1C were entered on 10/24/2001 inspection. Girders were not entered in 2003 Or 2005, 2007 due to dangerous formwork left in place and pigeon feces at both abutments.
210/4	R/Conc Pier Wall	Few light vertical cracks. Only P4 has waterstains, mainly the left 1/2, due to the expan. joint above.
215/4	R/Conc Abutment	Appear to be in good condition but a lot of pigeon feces on tops, due to architectural design with a large flat surface.
234/4	R/Conc Cap	Delineated cap at pier 4, waterstained due to expansion joint. Waterstained.
305/4	Elastomeric Flex Jt	Above both abutments and at P4. Moderate plow scrape at P4 right shoulder, but minor scrapes elsewhere. Rubber worn off at wheel lines at A1. Both are open about 27.5 in. at A1 and at P4. Mod. spalling of Conc. End dam along fwd armor at A6. See photo. At A6 jt. is open 10.5 in. armor - armor. Some settling of jt. at A6.
315/4	Disk Bearing	Heavy pigeon droppings at abutment 1 and 6 bearings. See photo of A1. Pistons are cutting elastomers at bearings B and C below girders 1B and 1C at abut. 1, bearing A Gir. C at P2 and these have been considered failing, see 1-1989 photos. 1 anchor bolt loose, 1 bolt backing out at bearing A girder C at P2. See photo. Did not get too close to bearings at abuts. 2005, 2007 inspections due to the pigeon feces. Others have minor wear.
325/4	Slope Prot/Berms	Short concrete slope paves at both abutments slopes. Erosion trough 1ft. deep along left edge of Abut. 6 slope pave.