

BRIDGE INSPECTION REPORT

WO CC WE PD
BAM

Status: Released

Ver Date 3/21/2011
Printed on: 3/23/2011

Agency: ARLINGTON
Program Mgr: Harvey L. Coffman

Bridge No. ARL-03 **Page 1 of 3** **Structure Type** Concrete arch
Bridge Name Crown Ridge Blvd. **Route** 00186 **Intersecting** Portage Creek
Structure ID 08825200 **MPilePost** 0.00 **Location** Crown Ridge Blvd.

Inspector's Signature SPM IDent# G0804 Co-inspector's Signature JH/MA

						Inspections Performed:					
IT	NT	HRS	Date	Rep	Type						
8	Structural Adqcy (657)	N	Pier/Abut/Protect (679)	1999	Year Built (332)	Y	24	1.5	12/10/2010	Routine	
6	Deck Geometry (658)	6	Scour (680)	0	Year Rebuilt (336)					Fract Crit	
9	Underclearance (659)	8	Approach Rdwy (681)		Oper Rating (551)					Underwater	
5	Operating Level (660)	8	Retaining Walls (682)		Inv Rating (554)					Special	
8	Alignment Adqcy (661)	9	Pier Protection (683)		Open Close (293)					Interim	
8	Waterway Adqcy (662)	0	Bridge Rails (684)		Vert Over Deck (360)					Equipment	
8	Deck Overall (663)	0	Transition (685)		Vert Under (374)					Damage	
9	Drains Condition (664)	0	Guardrails (686)		Vert Und Code (378)					Safety	
8	Superstructure (671)	0	Terminals (687)		Asphalt Depth					Short Span	
3	Number Utilities (675)	Y	Revise Rating (688)		Speed Limit						
8	Substructure (676)		Photos Flag (691)								
6	Chan/Protection (677)		Soundings Flag (693)								
9	Culvert (678)		Measure Clearance (694)								
						Total: 1.5					
						Suff Rating: 91.07					

BMS Elements 13 to 9106

Element	Element Description	Total	Units	State 1	State 2	State 3	State 4
13	Bridge Deck Surface	4,928	SF	4,928	0	0	0
89	Prestressed Concrete Girder w/Coated Strands	639	LF	639	0	0	0
215	Concrete Abutment	114	LF	114	0	0	0
266	Concrete Sidewalk & Supports	821	SF	821	0	0	0
310	Elastomeric Bearing	14	EA	14	0	0	0
330	Metal Bridge Railing	184	LF	184	0	0	0
361	Scour	2	EA	2	0	0	0
402	Hot Poured and/or Premolded Joint Filler	106	LF	106	0	0	0
801	AC Overlay with Waterproofing Membrane	4,107	SF	4,107	0	0	0
8414	Timber Tower	1	EA	1	0	0	0
9106	Utilities	3	FL	3	0	0	0

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Utilities Div.

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Notes 0 to 9106

- 0 Oriented west to east.
- 13 T/conc of decked bulb tee girders. Covered by ACP.
- 89 7 lines of 53" decked bulb tee girders. B/elev @ west girder soffit is appx 374 ft per elevation B1 per 1998 plan. Pipe bracing @ 1/3rd points. Stalactites @ girder joints typ.
- 215 Stem wall on spread ftgs. B/ftg elevation 364.50 per plans. P1 - vert hairline crack @ CL. P2 - cracks under bearing seats. P2 - water free flows thru bearing seats.
- 266 5.5 sidewalk each side bordered by bridge rail and covered wood structure wall. 3/4" max tripping hazard exists @ joints typ -- REPAIR.
- 310 Durometer 60 bearings in good condition.
- 330 Snoco std. bridge rail. Impact damage @ SE top rail due to tree fall.
- 361 Scour potential appears low due to wetland condition.
- 402
- 671 Timber structure built to replicate a covered bridge is in good condition. Min clearance is 14'-6" @ curb / 16'-6" @ CL.
- 801 Good condition (2010).
- 8414 Covered structure overhead w/ support walls adjacent to concrete sidewalk. REPAIR -- loose fascia board @ south wall.
- 9106 1 - 16" dia water @ A-B. Telecom conduit: 2 - 6" dia / 4 - 4" dia @ A.

Repairs 10001 to 10000

Repair No	Pr	R	Repair Description	Date Noted	Verified
10001	1	J	Repair loose fascia board @ south overhang.	1/26/2011	
10000	2	J	Grind sidewalk trip hazard - each corner typ.	1/26/2011	

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Inspections Performed and Resources Required

Report Type	Date	II	Frg	Hrs	Insp	CertNo	Coinsp	Note
Routine	12/10/2010		24	1.5	SPM	G0804	JH/MA	Need waders / buddy system. Marshy channel with soft, irregular bottom.
Resources	Use	Hours	Min	Req	Max	Notes		
Access Issues						Soft, irregular channel bed. Use buddy system. Waders needed.		

Sticky Notes

Creator	Created	Table Reference	Notes