

AHTD Bridge Inspection Report

R/C Channel Beams

Span #	Beam #	Defect	Description	Total Qty.	Units	Element Condition			
						Qty 1	Qty 2	Qty 3	Qty 4
1	1	Spalls	Moderate spall with rebar exposed in the right leg.	19	LF	3		4	
		Cracks	Major horizontal cracks in the right leg.					12	
		Rebar							
1	2	Spalls	Minor spall with rebar exposed in the left leg.	19	LF	7		2	
		Cracks	Moderate horizontal cracks in both legs.				10		
		Rebar							
1	3	Spalls	Moderate spall with rebar exposed in the right leg.	19	LF	5		8	
		Cracks	Moderate to major horizontal cracks in both legs.				4	2	
		Rebar							
1	4	Spalls		19	LF	5			
		Cracks	Major horizontal cracks in both legs.					14	
		Rebar							
1	5	Spalls	Major spall with rebar exposed in the right leg.	19	LF	3		16	
		Cracks	Moderate and major horizontal cracks in both legs.						
		Rebar							
1	6	Spalls	Moderate spall with rebar exposed in the left leg.	19	LF	9		4	
		Cracks	Moderate horizontal cracks in both legs.				6		
		Rebar							
1	7	Spalls	Major spall with rebar exposed in the left leg.	19	LF	9		6	
		Cracks	Minor and moderate horizontal cracks in the left leg.				4		
		Rebar							
2	1	Spalls	Moderate spall with rebar exposed in the right leg.	19	LF	11		2	
		Cracks	Moderate horizontal cracks in the right leg.				6		
		Rebar							
2	2	Spalls	Moderate spall with rebar exposed in the right leg and minor spall with rebar exposed in the left leg.	19	LF	3		9	
		Cracks	Moderate horizontal cracks in the right leg and major horizontal cracks in the left leg.				4	3	
		Rebar							
2	3	Spalls		19	LF	7			
		Cracks	Major horizontal cracks in both legs.					12	
		Rebar							

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Span #	Beam #	Defect	Description	Total Qty.	Units	Element Condition			
						Qty 1	Qty 2	Qty 3	Qty 4
2	4	Spalls		19	LF	9			
		Cracks	Major horizontal cracks in both legs.					10	
		Rebar							
2	5	Spalls		19	LF	5			
		Cracks	Major horizontal cracks in both legs.					14	
		Rebar							
2	6	Spalls	Major spall with rebar exposed in the right leg and minor spall with rebar exposed in the left leg.	19	LF	0		11	
		Cracks	Major horizontal cracks in the right leg.					8	
		Rebar							
2	7	Spalls		19	LF	11			
		Cracks	Minor horizontal cracks in both legs, minor transverse cracks in soffit and high density of minor to moderate cracks on the outside over pier # 3 . Light efflorescence.				8		
		Rebar							
3	1	Spalls	Major spall with rebar exposed in the right leg.	19	LF	5		8	
		Cracks	Moderate horizontal cracks in the right leg.				6		
		Rebar							
3	2	Spalls	Major spall with rebar exposed in the left leg.	19	LF	4		11	
		Cracks	Moderate horizontal cracks in both legs.				4		
		Rebar							
3	3	Spalls		19	LF	3			
		Cracks	Major horizontal cracks in both legs					16	
		Rebar							
3	4	Spalls	Moderate spalls with rebar exposed in both legs.	19	LF	0		11	
		Cracks	Moderate and major horizontal cracks in both legs.				4	4	
		Rebar							
3	5	Spalls		19	LF	4			
		Cracks	Major horizontal cracks in both legs.				5	10	
		Rebar							
3	6	Spalls	Major spall with rebar exposed in the right leg and minor spall with rebar exposed in the left leg.	19	LF	0		10	
		Cracks	Moderate horizontal cracks in the left leg.				9		
		Rebar							

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Span #	Beam #	Defect	Description	Total Qty.	Units	Element Condition			
						Qty 1	Qty 2	Qty 3	Qty 4
3	7	Spalls	Major spall with rebar exposed in the left leg.	19	LF	0		18	
		Cracks	Major horizontal cracks in the right leg.					1	
		Rebar							
4	1	Spalls	Major spall with rebar exposed in the right leg.	19	LF	3		11	
		Cracks	Major horizontal cracks in the right leg.					5	
		Rebar							
4	2	Spalls		19	LF	9			
		Cracks	Moderate horizontal cracks in both legs.				10		
		Rebar							
4	3	Spalls	Minor spall with rebar exposed	19	LF	7		2	
		Cracks	Major horizontal cracks in both legs.					10	
		Rebar							
4	4	Spalls		19	LF	5			
		Cracks	Major horizontal cracks in both legs.					14	
		Rebar							
4	5	Spalls		19	LF	11			
		Cracks	Moderate horizontal cracks in both legs.				8		
		Rebar							
4	6	Spalls		19	LF	7			
		Cracks	Moderate and major horizontal cracks in both legs.				6	6	
		Rebar							
4	7	Spalls	Major spall with rebar exposed in the left leg.	19	LF	9		5	
		Cracks	Moderate horizontal cracks in the right leg and moderate density of minor cracks over pier # 4.				5		
		Rebar							
Totals		Spalls		532	LF	154	0	138	0
		Cracks					99	141	0
		Rebar					0	0	0

Inspected By: G.L. Dorrough & M.L. Mcclanahan

Date: 07/20/2016 District: 8 County: 75/Yell Route: 28 Section: 04 Log Mile: 2.68

Bridge # 02227