

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	7		10	
		Cracks	Major horizontal cracks in the right leg.					2	
		Rebar							
1	2	Spalls	Moderate spall with rebar exposed in the right leg.	19	LF	9		3	
		Cracks	Major horizontal cracks in the right leg.					7	
		Rebar							
1	3	Spalls	Minor spall with rebar exposed in the diaphragm over pier #2.	19	LF	10		1	
		Cracks	Moderate horizontal cracks in both legs.				8		
		Rebar							
1	4	Spalls	Minor spall with rebar exposed in the left leg.	19	LF	13		1	
		Cracks	Minor and moderate horizontal cracks in both legs.				5		
		Rebar							
1	5	Spalls		19	LF	9			
		Cracks	Moderate horizontal cracks in both legs.				10		
		Rebar							
1	6	Spalls	Moderate spall with rebar exposed in the right leg.	19	LF	10		3	
		Cracks	Moderate horizontal cracks in the left leg.				6		
		Rebar							
1	7	Spalls	Minor spall with rebar exposed in the left leg.	19	LF	12		2	
		Cracks	Moderate horizontal cracks in the left leg. High density of minor cracks on the outside over pier #2.				5		
		Rebar							
2	1	Spalls	Major spall with rebar exposed in the right leg.	19	LF	6		9	
		Cracks	Moderate horizontal cracks in the right leg.				4		
		Rebar							
2	2	Spalls	Moderate spalls with rebar exposed in both legs.	19	LF	5		5	
		Cracks	Moderate horizontal cracks in both legs.				6	3	
		Rebar							
2	3	Spalls	Minor spall with rebar exposed in the left leg.	19	LF	11		2	
		Cracks	Moderate horizontal cracks in both legs.				6		
		Rebar							
2	4	Spalls		19	LF	12			
		Cracks	Moderate horizontal cracks in both legs.				7		
		Rebar							

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Span #	Beam #	Defect	Description	Total Qty.	Units	Element Condition			
						Qty 1	Qty 2	Qty 3	Qty 4
2	5	Spalls		19	LF	19			
		Cracks	Minor horizontal cracks in both legs.						
		Rebar							
2	6	Spalls	Major spall with rebar exposed in the right leg.	19	LF	0		8	
		Cracks	Major horizontal cracks in the right leg.					11	
		Rebar							
2	7	Spalls	Moderate spall with rebar exposed in the left leg.	19	LF	15		4	
		Cracks	Major horizontal cracks in the right leg.						
		Rebar							
3	1	Spalls	Major spall with rebar exposed in the right leg.	19	LF	0		17	
		Cracks	Major horizontal cracks in the right leg.					2	
		Rebar							
3	2	Spalls	Major spall with rebar exposed in the left leg.	19	LF	7		4	
		Cracks	Major horizontal cracks in both legs.					8	
		Rebar							
3	3	Spalls		19	LF	19			
		Cracks	Minor horizontal cracks in both legs.						
		Rebar							
3	4	Spalls		19	LF	14			
		Cracks	Minor and moderate horizontal cracks in both legs.				5		
		Rebar							
3	5	Spalls		19	LF	11			
		Cracks	Moderate horizontal cracks in both legs.				8		
		Rebar							
3	6	Spalls		19	LF	19			
		Cracks	Minor horizontal cracks in both legs.						
		Rebar							
3	7	Spalls	Moderate to major spall with rebar exposed in the left leg.	19	LF	4		8	
		Cracks	Moderate horizontal cracks in both legs.				7		
		Rebar							
4	1	Spalls	Moderate spall with rebar exposed in the right leg.	19	LF	0		6	
		Cracks	Major horizontal cracks in the right leg.					13	
		Rebar							

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Span #	Beam #	Defect	Description	Total Qty.	Units	Element Condition			
						Qty 1	Qty 2	Qty 3	Qty 4
4	2	Spalls	Major spall with rebar exposed in the left leg.	19	LF	3		6	
		Cracks	Moderate and major horizontal cracks in both legs.				6	4	
		Rebar							
4	3	Spalls		19	LF	7			
		Cracks	Moderate to major horizontal cracks in both legs.				5	7	
		Rebar							
4	4	Spalls		19	LF	4			
		Cracks	Moderate to major horizontal cracks in both legs.				8	7	
		Rebar							
4	5	Spalls		19	LF	13			
		Cracks	Minor to moderate horizontal cracks in both legs.				6		
		Rebar							
4	6	Spalls	Minor spall with rebar exposed in the right leg.	19	LF	6		3	
		Cracks	Major horizontal cracks in both legs.					10	
		Rebar							
4	7	Spalls	Major spall with rebar exposed in the left leg.	19	LF	4		10	
		Cracks	Moderate horizontal cracks in the left leg and minor horizontal cracks in right leg.				5		
		Rebar							
5	1	Spalls	Major spall with rebar exposed in the right leg.	19	LF	1		9	
		Cracks	Major horizontal cracks in the right leg.					9	
		Rebar							
5	2	Spalls	Minor spall with rebar exposed in the left leg and in diaphragm area over pier.	19	LF	2		4	
		Cracks	Moderate and major horizontal cracks in both legs.				5	8	
		Rebar							
5	3	Spalls		19	LF	11			
		Cracks	Moderate horizontal cracks in both legs.				8		
		Rebar							
5	4	Spalls	Moderate spall with rebar exposed in the right leg.	19	LF	12		2	
		Cracks	Moderate horizontal cracks in both legs.				5		
		Rebar							
5	5	Spalls	Major spall with rebar exposed in the left leg.	19	LF	0		16	
		Cracks	Moderate and major horizontal cracks in both legs.				1	2	
		Rebar							

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Span #	Beam #	Defect	Description	Total Qty.	Units	Element Condition			
						Qty 1	Qty 2	Qty 3	Qty 4
5	6	Spalls		19	LF	7			
		Cracks	Moderate horizontal cracks in both legs.				12		
		Rebar							
5	7	Spalls	Major spall with rebar exposed in the left leg.	19	LF	0		17	
		Cracks	Major horizontal cracks in left leg and minor horizontal cracks in right leg.					2	
		Rebar							
6	1	Spalls		19	LF	14			
		Cracks	Moderate horizontal cracks in both legs.				5		
		Rebar							
6	2	Spalls		19	LF	16			
		Cracks	Moderate horizontal cracks in both legs.				3		
		Rebar							
6	3	Spalls		19	LF	13			
		Cracks	Moderate horizontal cracks in both legs.				6		
		Rebar							
6	4	Spalls		19	LF	15			
		Cracks	Moderate horizontal cracks in both legs.				4		
		Rebar							
6	5	Spalls		19	LF	11			
		Cracks	Moderate horizontal cracks in both legs.				8		
		Rebar							
6	6	Spalls		19	LF	14			
		Cracks	Moderate horizontal cracks in both legs.				5		
		Rebar							
6	7	Spalls		19	LF	13			
		Cracks	Moderate horizontal cracks in both legs.				6		
		Rebar							
Totals		Spalls		798	LF	378	0	150	0
		Cracks					175	95	0
		Rebar					0	0	0

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

Date: 07/19/2016 District: 8 County: 75/Yell Route: 28 Section: 04 Log Mile: 2.28

Bridge # 02228