

# 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	Minor spall with rebar exposed in the left leg. Moderate spall with rebar exposed in the right leg.	19	LF	4		5	
		Cracks	Moderate horizontal cracks in both legs.				10		
		Rebar							
1	2	Spalls	Moderate spalls with rebar exposed in both legs.	19	LF	2		3	
		Cracks	Moderate to major cracks in both legs.				7	7	
		Rebar							
1	3	Spalls		19	LF	19			
		Cracks	Minor horizontal cracks.						
		Rebar							
1	4	Spalls		19	LF	11			
		Cracks	Moderate horizontal cracks in both legs.				8		
		Rebar							
1	5	Spalls		19	LF	19			
		Cracks	Minor horizontal cracks in both legs.						
		Rebar							
1	6	Spalls	Moderate spall with rebar exposed in right leg.	19	LF	6		3	
		Cracks	Minor horizontal cracks in left leg and moderate horizontal cracks in right leg.				10		
		Rebar							
1	7	Spalls	Moderate spall with rebar exposed in the right leg.	19	LF	11		8	
		Cracks	Minor horizontal cracks in both legs.						
		Rebar							
2	1	Spalls	Moderate spalls with rebar exposed in right leg.	19	LF	5		6	
		Cracks	Moderate horizontal cracks in right leg.				8		
		Rebar							
2	2	Spalls	Major spall with rebar exposed in left leg.	19	LF	15		4	
		Cracks							
		Rebar							
2	3	Spalls	Moderate spalls with rebar exposed in both legs.	19	LF	3		6	
		Cracks	Moderate horizontal cracks.				10		
		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	11			
		Cracks	Moderate to major horizontal cracks in the left leg and minor horizontal cracks in right leg.				3	5	
		Rebar							
2	5	Spalls		19	LF	9			
		Cracks	Moderate horizontal cracks in both legs.				10		
		Rebar							
2	6	Spalls	Moderate spalls with rebar exposed in right leg.	19	LF	8		5	
		Cracks	Moderate horizontal cracks in right leg.				6		
		Rebar							
2	7	Spalls	Moderate spall with rebar exposed in the left leg.	19	LF	16		3	
		Cracks							
		Rebar							
3	1	Spalls	Minor and moderate spalls with rebar exposed in the right leg.	19	LF	5		4	
		Cracks	Major horizontal cracks in the right leg.					10	
		Rebar							
3	2	Spalls		19	LF	19			
		Cracks	Minor horizontal cracks.						
		Rebar							
3	3	Spalls	Moderate spalls with rebar exposed in right leg.	19	LF	10		3	
		Cracks	Minor and moderate horizontal cracks in the right leg.				6		
		Rebar							
3	4	Spalls	Minor spall with rebar exposed in the left leg.	19	LF	11		2	
		Cracks	Moderate horizontal cracks in the left leg.				6		
		Rebar							
3	5	Spalls		19	LF	3			
		Cracks	Moderate horizontal cracks in both legs.				16		
		Rebar							
3	6	Spalls		19	LF	9			
		Cracks	Moderate horizontal cracks in right leg.				10		
		Rebar							
3	7	Spalls	Minor and moderate spalls with rebar exposed in the left leg.	19	LF	3		6	
		Cracks	Moderate horizontal cracks in the left leg. Minor horizontal cracks in the right leg.				10		
		Rebar							

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Span #	Beam #	Defect	Description	Total Qty.	Units	Element Condition			
						Qty 1	Qty 2	Qty 3	Qty 4
4	1	Spalls	Moderate spalls with rebar exposed in the left leg and major spall with rebar exposed in the right leg.	19	LF	0		12	
		Cracks	Major horizontal cracks in the right leg.					7	
		Rebar							
4	2	Spalls	Minor spall with rebar exposed in the left leg.	19	LF	6		1	
		Cracks	Major horizontal cracks in the left leg and moderate horizontal cracks in the right leg.					12	
		Rebar							
4	3	Spalls	Minor and moderate spalls with rebar exposed in the right leg.	19	LF	0		3	
		Cracks	Major horizontal cracks in the right leg.				2	14	
		Rebar							
4	4	Spalls	Minor spall with rebar exposed in the left leg.	19	LF	12		1	
		Cracks	Minor horizontal cracks in the right leg and moderate horizontal cracks in the left leg.					6	
		Rebar							
4	5	Spalls		19	LF	0			
		Cracks	Moderate and major horizontal cracks in both legs.				11	8	
		Rebar							
4	6	Spalls	Minor spall with rebar exposed in the right leg.	19	LF	12		1	
		Cracks	Moderate horizontal cracks in right leg.				6		
		Rebar							
4	7	Spalls	Minor spall with rebar exposed in the left leg.	19	LF	8		1	
		Cracks	Major horizontal cracks in the left leg.					10	
		Rebar							
5	1	Spalls	Major spall with rebar exposed in right leg.	19	LF	0		14	
		Cracks	Moderate to major horizontal cracks in right leg.					5	
		Rebar							
5	2	Spalls	Major spall with rebar exposed in left leg.	19	LF	4		11	
		Cracks	Minor horizontal cracks in the right leg and moderate horizontal cracks in the left leg.				4		
		Rebar							
5	3	Spalls		19	LF	0			
		Cracks	Major horizontal cracks in both legs.				19		
		Rebar							
5	4	Spalls	Minor spall with rebar exposed in the right leg.	19	LF	12		1	
		Cracks	Minor horizontal cracks in the left leg and moderate horizontal cracks in the right leg.				6		
		Rebar							

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Span #	Beam #	Defect	Description	Total Qty.	Units	Element Condition			
						Qty 1	Qty 2	Qty 3	Qty 4
5	5	Spalls		19	LF	11			
		Cracks	Minor horizontal cracks in the right leg and moderate horizontal cracks in the left leg.				8		
		Rebar							
5	6	Spalls	Minor spall with rebar exposed in the right leg.	19	LF	14		1	
		Cracks	Minor to moderate horizontal cracks in the right leg.				4		
		Rebar							
5	7	Spalls	Major spall with rebar exposed in the left leg.	19	LF	9		6	
		Cracks	Moderate horizontal cracks in the left leg.				4		
		Rebar							
6	1	Spalls	Moderate spall with rebar exposed in both legs	19	LF	0		11	
		Cracks	Moderate to major horizontal cracks in the right leg.				4	4	
		Rebar							
6	2	Spalls	Major spall with rebar exposed in the left leg.	19	LF	0		11	
		Cracks	Major horizontal cracks in the left leg and moderate horizontal cracks in the right leg.				2	6	
		Rebar							
6	3	Spalls	Minor spall with rebar exposed in the right leg.	19	LF	18		1	
		Cracks	Minor horizontal cracks.						
		Rebar							
6	4	Spalls		19	LF	9			
		Cracks	Moderate and major horizontal cracks in both legs.				4	6	
		Rebar							
6	5	Spalls		19	LF	14			
		Cracks	Moderate horizontal cracks in both legs.				5		
		Rebar							
6	6	Spalls	Major spalls with rebar exposed in both legs	19	LF	0		17	
		Cracks	Major horizontal cracks in both legs.					2	
		Rebar							
6	7	Spalls	Major spall with rebar exposed in the left leg.	19	LF	5		9	
		Cracks	Minor horizontal cracks in the right leg and moderate horizontal cracks in the left leg.				5		
		Rebar							
7	1	Spalls	Minor spall with rebar exposed in the right leg.	19	LF	12		1	
		Cracks	Moderate horizontal cracks in the right leg.				6		
		Rebar							

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Span #	Beam #	Defect	Description	Total Qty.	Units	Element Condition			
						Qty 1	Qty 2	Qty 3	Qty 4
7	2	Spalls	Major spall with rebar exposed in the left leg.	19	LF	6		3	
		Cracks	Moderate horizontal cracks in both legs.				10		
		Rebar							
7	3	Spalls		19	LF	19			
		Cracks	Moderate horizontal cracks in both legs.						
		Rebar							
7	4	Spalls	Minor spall with rebar exposed in the left leg.	19	LF	4		3	
		Cracks	Moderate and major horizontal cracks in both legs.				12		
		Rebar							
7	5	Spalls	Minor spall with rebar exposed in the left leg.	19	LF	3		1	
		Cracks	Major horizontal cracks in both legs.				15		
		Rebar							
7	6	Spalls	Moderate spall with rebar exposed in the right leg.	19	LF	0		8	
		Cracks	Major horizontal cracks in the right leg and moderate horizontal cracks in the left leg.				6	5	
		Rebar							
7	7	Spalls	Minor spall with rebar exposed in the left leg.	19	LF	12		1	
		Cracks	Minor horizontal cracks in the right leg and moderate horizontal cracks in the left leg.				6		
		Rebar							
Totals		Spalls		931	LF	389	0	176	0
		Cracks					259	107	0
		Rebar					0	0	0
Inspected By: <u>G.L. Dorrough &amp; M.L. Mcclanahan</u>									
Date: <u>07/21/2016</u> District: <u>8</u> County: <u>75/Yell</u> Route: <u>28</u> Section: <u>04</u> Log Mile: <u>4.70</u> Bridge # <u>02225</u>									