

# 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	Major spall with rebar exposed in the right leg.	19	LF	0		17	
		Cracks	Major horizontal cracks in the right leg.					2	
		Rebar							
1	2	Spalls	Moderate spall with rebar exposed in the left leg.	19	LF	0		11	
		Cracks	Moderate and major horizontal cracks in both legs.				5	3	
		Rebar							
1	3	Spalls	Major spall with rebar exposed in the left leg.	19	LF	2		7	
		Cracks	Moderate and major horizontal cracks in both legs.				5	5	
		Rebar							
1	4	Spalls		19	LF	9			
		Cracks	Moderate horizontal cracks in both legs.				10		
		Rebar							
1	5	Spalls	Moderate spalls at the end of beam in dia. Over pier #2	19	LF	7		2	
		Cracks	Moderate horizontal cracks in both legs and horizontal cracks in diaphragm over pier #2				10		
		Rebar							
1	6	Spalls	Moderate spalls at the end of beam over pier #2	19	LF	10		1	
		Cracks	Moderate horizontal cracks in both legs and horizontal cracks in diaphragm over pier #2				8		
		Rebar							
1	7	Spalls	Moderate spalls at the end of beam over pier #2	19	LF	6		1	
		Cracks	Moderate horizontal cracks in both legs and horizontal cracks in diaphragm over pier #2				12		
		Rebar							
2	1	Spalls	Major spall with rebar exposed in the right leg.	19	LF	2		12	
		Cracks	Moderate horizontal cracks in the right leg.				5		
		Rebar							
2	2	Spalls	Major spall with rebar exposed in the left leg.	19	LF	0		18	
		Cracks	Moderate to major horizontal cracks in right leg.					1	
		Rebar							
2	3	Spalls	Minor spall with rebar exposed in the left leg.	19	LF	0		1	
		Cracks	Moderate and major horizontal cracks in both legs.				10	8	
		Rebar							

# 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
2	4	Spalls	Moderate spall with rebar exposed in the right leg.	19	LF	0		4	
		Cracks	Moderate and major horizontal cracks in both legs.				10	5	
		Rebar							
2	5	Spalls		19	LF	0			
		Cracks	Moderate and major horizontal cracks in both legs.				9	10	
		Rebar							
2	6	Spalls		19	LF	0			
		Cracks	Moderate and major horizontal cracks in both legs.				11	8	
		Rebar							
2	7	Spalls	Major spalls with rebar exposed.	19	LF	0		15	
		Cracks	Major horizontal cracks in the left leg.					4	
		Rebar							
3	1	Spalls	Major spall with rebar exposed in the right leg.	19	LF	5		14	
		Cracks							
		Rebar							
3	2	Spalls	Major spalls with rebar exposed in both legs.	19	LF	0		11	
		Cracks	Major horizontal cracks in the right leg.					8	
		Rebar							
3	3	Spalls		19	LF	5			
		Cracks	Moderate to major horizontal cracks in both legs.				8	6	
		Rebar							
3	4	Spalls		19	LF	1			
		Cracks	Moderate to major horizontal cracks in both legs.				10	8	
		Rebar							
3	5	Spalls	Major spall with rebar exposed in the right leg.	19	LF	9		6	
		Cracks	Major horizontal cracks in the right leg.					4	
		Rebar							
3	6	Spalls	Moderate spall with rebar exposed in the right leg.	19	LF	9		4	
		Cracks	Major horizontal cracks in the right leg.					6	
		Rebar							

### 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
3	7	Spalls	Moderate spall with rebar exposed in the left leg.	19	LF	10		6	
		Cracks	Major horizontal cracks in the left leg.					3	
		Rebar							
4	1	Spalls	Major spall with rebar exposed in the right leg.	19	LF	5		7	
		Cracks	Major horizontal cracks in the right leg.					7	
		Rebar							
4	2	Spalls		19	LF	3			
		Cracks	Moderate to major horizontal cracks in both legs.				9	7	
		Rebar							
4	3	Spalls		19	LF	11			
		Cracks	Moderate horizontal cracks in both legs.				8		
		Rebar							
4	4	Spalls		19	LF	2			
		Cracks	Major horizontal cracks in both legs.					17	
		Rebar							
4	5	Spalls		19	LF	7			
		Cracks	Moderate horizontal cracks in both legs.				12		
		Rebar							
4	6	Spalls		19	LF	12			
		Cracks	Moderate horizontal cracks in the left leg.				7		
		Rebar							
4	7	Spalls	Moderate spall with rebar exposed in the left leg.	19	LF	5		4	
		Cracks	Major horizontal cracks in the left leg and minor horizontal cracks in the right leg.				5	5	
		Rebar							
5	1	Spalls	Moderate and major spalls with rebar exposed in the right leg.	19	LF	13		6	
		Cracks							
		Rebar							
5	2	Spalls	Major spall with rebar exposed in the left leg.	19	LF	2		4	
		Cracks	Moderate and major horizontal cracks in both legs.				8	5	
		Rebar							

### 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
5	3	Spalls		19	LF	13			
		Cracks	Moderate horizontal cracks in both legs.				6		
		Rebar							
5	4	Spalls		19	LF	6			
		Cracks	Moderate to major horizontal cracks in both legs.				8	5	
		Rebar							
5	5	Spalls	Minor spall with rebar exposed in the right leg.	19	LF	2		2	
		Cracks	Major horizontal cracks in both legs.					15	
		Rebar							
5	6	Spalls	Moderate spall with rebar exposed in the right leg.	19	LF	0		9	
		Cracks	Major horizontal cracks in the right leg.					10	
		Rebar							
5	7	Spalls		19	LF	19			
		Cracks	Minor horizontal cracks in left leg.						
		Rebar							
6	1	Spalls	Major spall with rebar exposed in the right leg.	19	LF	0		18	
		Cracks						1	
		Rebar							
6	2	Spalls	Major spall with rebar exposed in the left leg.	19	LF	0		17	
		Cracks						2	
		Rebar							
6	3	Spalls		19	LF	4			
		Cracks	Moderate to major horizontal cracks in both legs.				6	9	
		Rebar							
6	4	Spalls	Minor spall in diaphragm over pier #6	19	LF	8		1	
		Cracks	Moderate horizontal cracks in both legs.				10		
		Rebar							
6	5	Spalls	Minor spall in diaphragm over pier #6	19	LF	6		1	
		Cracks	Moderate horizontal cracks in both legs.				12		
		Rebar							

# 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
6	6	Spalls	Moderate spall with rebar exposed in the right leg.	19	LF	2		6	
		Cracks	Moderate to major horizontal cracks in both legs.				7	4	
		Rebar							
6	7	Spalls	Moderate spall with rebar exposed in the left leg.	19	LF	4		2	
		Cracks	Major horizontal cracks in the left leg and moderate horizontal cracks in the right leg.				7	6	
		Rebar							
Totals		Spalls		798	LF	199	0	207	0
		Cracks					218	174	0
		Rebar					0	0	0
Inspected By: <u>G.L. Dorrough &amp; M.L. Mcclanahan</u>									
Date: <u>07/20/2016</u> District: <u>8</u> County: <u>75/Yell</u> Route: <u>28</u> Section: <u>04</u> Log Mile: <u>3.51</u> Bridge # <u>02226</u>									