

# STATE OF OHIO BRIDGE INSPECTION FIELD REPORT

THREE SPAN STEEL BEAM CONTINUOUS OVER A WATERWAY WITH HAMMERHEAD PIERS

## STEP 3 - CR & QTY & EL

<u>APPROACH ITEMS</u>		Total Qty.	condition state				Cond Rating
			CS 1	CS 2	CS 3	CS 4	Tran. Rating
c1.	Wearing Surface (EA)	2		2			2.00
c2.	Slab (SF)	1,800	850	500	450		2.57
c3.	Relief Joint (LF)						
c4.	Embankment (EA) <sup>ded</sup>	4	4				1.00
c5.	Guardrail (EA)	4	3		1		2.50
N36.	Safety Features: Tr, Gr, Tm				1 1 1		
c6.	Approach Summary				(9-0)		6

  

<u>DECK ITEMS</u>		Total Qty.	condition state				Cond Rating
			CS 1	CS 2	CS 3	CS 4	Tran. Rating
c7.1	Floor/Slab (SF)	12,000	6600	1800	3600		2.62
c7.2	Edge of Floor/Slab (LF)	660	660				1.00
c8.	Wearing Surface (SF)	11,000	6600	2800	1600		2.32
c9.	Curbs/Sidewalk (LF)						
c10.	Median (LF)						
c11.	Railing (LF)	660	500	160			1.33
N36.	Safety Features: Rail				1		
c12.	Drainage (EA) <sup>ded</sup>	20	15	5			1.33
c13.	Expansion Joint (LF) <sup>ded</sup>	73		18	18 37		3.00
N58.	Deck Summary				(9-0)		5

TR is Calculated in SMS

Inspectors may use % or QTY for filling in CS1-4

# STATE OF OHIO BRIDGE INSPECTION FIELD REPORT

THREE SPAN STEEL BEAM CONTINUOUS OVER A WATERWAY WITH HAMMERHEAD PIERS

**STEP 3 - CR & QTY & EL**

<u>SUPERSTRUCTURE ITEMS</u>		Total Qty.	condition state				Cond Rating
			CS 1	CS 2	CS 3	CS 4	Tran. Rating
c14.	Alignment (EA) <sup>ded</sup>	3	3				1.00
c15.1	Beams/Girders (LF)	1,650	700	500	430	20	2.67
c15.2	Slab (SF)						
c16.	Diaphragm/X-Frames (EA)	108	100		4	4	2.38
c17.	Stringers (LF)						
c18.	Floorbeams (LF)						
c19.	Truss Verticals (EA)						
c20.	Truss Diagonals (EA)						
c21.	Truss Upper Chord (EA)						
c22.	Truss Lower Chord (EA)						
c23.	Truss Gusset Plate (EA) <sup>ded</sup>						
c24.	Lateral Bracing (EA)						
c25.	Sway Bracing (EA)						
c26.	Bearing Devices (EA) <sup>ded</sup>	20	10			10	3.00
c27.	Arch (LF)						
c28.	Arch Column/Hanger (EA)						
c29.	Arch Spandrel Walls (LF)						
c30.	Prot. Coating System (LF) <sup>ded</sup>	1,650	700	550	400		2.57
c31.	Pins/Hangers/Hinges (EA) <sup>ded</sup>						
c32.	Fatigue (LF) <sup>ded</sup>	1,650	1650				1.00
N59.	Superstructure Summary					(9-0)	5

CS 2-4 are populated by the inspector, SMS subtracts from the Total Quantity to calculate CS 1

# STATE OF OHIO BRIDGE INSPECTION FIELD REPORT

THREE SPAN STEEL BEAM CONTINUOUS OVER A WATERWAY WITH HAMMERHEAD PIERS

## STEP 3 - CR & QTY & EL

<u>SUBSTRUCTURE ITEMS</u>		Total Qty.	condition state				Cond Rating
			CS 1	CS 2	CS 3	CS 4	Tran. Rating
c33.	Abutment Walls (LF)	73	39	30	4	1.98	
c34.	Abutment Caps (LF)						
c35.	Abut. Colmns/Bents (EA)						
c36.	Pier Walls (LF)	28	18	10		1.46	
c37.	Pier Caps (LF)	66	66			1.00	
c38.	Pier Columns/Bents (EA)						
c39.	Backwalls (LF)	73	35	25	13	2.00	
c40.	Wingwalls (EA)	4	3		1	1.00	
c42.	Scour (EA) <sup>ded</sup>	4	3	1		2.00	
c43.	Slope Protection (EA) <sup>ded</sup>	2	2			1.00	
N60.	Substructure Summary				(9-0)	6	

  

<u>CULVERT ITEMS</u>		Total Qty.	condition state				Cond Rating
			CS 1	CS 2	CS 3	CS 4	Tran. Rating
c44.	General (LF)						
c45.	Alignment (LF) <sup>ded</sup>						
c46.	Shape (LF) <sup>ded</sup>						
c47.	Seams (EA) <sup>ded</sup>						
c48.	Headwall/Endwall (EA)						
c49.	Scour (EA) <sup>ded</sup>						
c50.	Abutments (LF)						
N62.	Culvert Summary				(9-0)		

# STATE OF OHIO BRIDGE INSPECTION FIELD REPORT

THREE SPAN STEEL BEAM CONTINUOUS OVER A WATERWAY WITH HAMMERHEAD PIERS

## STEP 3 - CR & QTY & EL

<u>CHANNEL ITEMS</u>		Total Qty.	condition state				Cond Rating
			CS 1	CS 2	CS 3	CS 4	Tran. Rating
c51.	Alignment (LF) <sup>ded</sup>	200	125	50	25		2.45
c52.	Protection (LF) <sup>ded</sup>	200	100	50	50		2.62
c53.	Hydraulic Opening (EA) <sup>ded</sup>	4	3	1			1.33
c54.	Navigation Lights (EA) <sup>ded</sup>						
N61.	Channel Summary				(9-0)		<b>5</b>
<u>SIGN/UTILITY ITEMS</u>		Total Qty.	condition state				Cond Rating
			CS 1	CS 2	CS 3	CS 4	Tran. Rating
c55.	Signs (EA) <sup>ded</sup>						
c56.	Sign Supports (EA) <sup>ded</sup>						
c57.	Utilities (LF) <sup>ded</sup>						
N59, 60 or 62 General Appraisal					(9-0)		<b>5</b>
N41.	Operating Status						<b>A</b>