



### Structure Inventory and Appraisal

Bridge ID: WILLOW-128341 FHWA No.: 128341	Official SR: 76.3 Unofficial SR: 75.6	SD/FO: Not Deficient or Obsolete SD/FO: Not Deficient or Obsolete
<b>IDENTIFICATION</b> 7 Facility Carried: PAVE 5B Rte. Signing Prefix: 4 5C Level of Service: 1 - MAINLINE 5D Inventory Route: 00000 City: RURAL 3 County: 024 - Crawford 9 Location: 083412201 5E Directional Suffix: 0 - NOT APPLICABLE 6 Feature Intersected: SMALL STREAM 2 District: 0 Garage: 000 98 Border Bridge Code: % Responsibility: 0 99 Border Bridge No.:	<b>INSPECTION</b> 90 Inspection Date: 04/02/2015 Next Routine Insp Date: 04/02/2017 Inspection Agency: 5 - Consultant 93A FC Inspection Date: 92A FC Frequency: 0 93B UW Inspection Date: 92B UW Frequency: 0 93C SI Date: 92C SI Frequency: 0 Other Non-NBI Date: Other Non-NBI Freq.:	Inspection Type: NA 91 Frequency: 24 Next Insp Type: Regular Inspection Group: Crawford County Next FC Insp.: NA Next UW Insp.: NA Next Spec. Insp.: NA Next Other Insp.: NA
<b>STRUCTURE TYPE AND MATERIALS</b> 43A Main Span 3 - Steel 43B Main Span Design: 02 - Stringer/Multi-beam or Girder 45 No. Spans Main Unit: 1 44A Appr. Span 000 - NA 44B Appr. Span Design: 000 - NA 46 No. of Appr. Spans: Near 0 Far 0 107 Deck Type: 8 - Wood or Timber 108A Wearing Surface: 8 - Gravel 108B Membrane: 0 - None 108C Deck Protection: 0 - None	<b>CONDITION</b> 58 Deck: 7 - Good Condition (some minor problems) 59 Super: 6 - Satisfactory Condition (minor deterioration) 60 Sub: 6 - Satisfactory Condition (minor deterioration) 61 Channel/Channel Prot.: 7 - Bank protection needs minor repairs 62 Culvert: N - Not Applicable	<b>APPRAISAL</b> 67 Str. Evaluation: 5 - Somewhat better than minimum adequacy 68 Deck Geometry: 6 - Equal to present minimum criteria 69 Underclear Vert & Horiz: N - Not applicable 71 Waterway Adequacy: 8 - Bridge Above Approaches 72 Approach Alignment: 7 - Better than present minimum criteria 36A Bridge Rail: 0 - DOES NOT MEET CURRENT SAFETY STANDARDS, OR IS NOT THERE AND IS NEEDED. 36B Transition: 0 - DOES NOT MEET CURRENT SAFETY STANDARDS, OR IS NOT THERE AND IS NEEDED 36C Approach Rail: 0 - DOES NOT MEET CURRENT SAFETY STANDARDS, OR IS NOT THERE AND IS NEEDED 36D Approach Rail Ends: 0 - DOES NOT MEET CURRENT SAFETY STANDARDS, OR IS NOT THERE AND IS NEEDED 113 Scour Critical: 8 - Stable - Excellent Condition
<b>GEOMETRIC DATA</b> 48 Length Max Span: 33 ft. 49 Structure Length: 34 ft. 34 Skew: 0° Deck Area: 839.8 sq. ft. 60B Curb/Sdwb Width R: 0 ft. 60A Curb/Sdwb Width L: 0 ft. 51 Width Curb to Curb: 24.7 ft. 52 Width Out to Out: 24.7 ft. 32 Appr. Roadway width: 23 ft. (w/ Shoulders) 33 Median: 0 - No median 35 Structure Flared: 00 - No flare 10 Vertical Clearance: 99'99" 47 Horiz. Clearance: 24'07" 53 Min. Vert. Clearance Over: 99'99" 54B Min. Vert. Underclearance: 00'00" 55 Min. Lat. Underclearance R: 00'00" 56 Min. Lat. Underclearance L: 00'00"	<b>LOAD RATING AND POSTING</b> 31 Design Load: 0 - Unknown 63 Rating Method: 2 - Allowable Stress (AS) reported in english tons using HS-20 loading. 64 Operating Rating: 22.0 Tons 65 Rating Method: 2 - Allowable Stress (AS) reported in english tons using HS-20 loading. 66 Inventory Rating: 18.3 Tons 70 Posting: 3 - 10.0-19.9% below legal loads 41 Posting Status: P - Posted for Load	<b>AGE AND SERVICE</b> 27 Year Built: 2000 106 Year Reconstructed: 0 42A Type of Service on: 1 - Highway 42B Type of Service Under: 5 - Waterway 28A Lanes on: 2 28B Lanes under: 0 29 ADT: 10 30 Year of ADT: 2012 109 Truck ADT: 60 % Speed Limit: 55 19 Detour Length: 4 mi.
<b>NAVIGATION DATA</b> 38 Navigation Control: 0 - No navigation control on waterway (bridge permit not required) 111 Pier Protection: 39 Vertical Clearance: 00'00" 40 Horiz. Clearance: 00'00"	<b>CLASSIFICATION</b> 112 NBIS Length: Y 26 Functional Class: 09 - Rural - Local 100 STRAHNET: 0 - Not a defense highway 101 Parallel Structure: N - No parallel structure 102 Direction of Traffic: 2 - 2-way traffic 22 Owner: 02 - County Highway Agency 21 Custodian: 02 - County Highway Agency 37 Historical Significance: 5 - Not eligible 75A Type of Work Proposed: 31 - Replacement - Load/Geometry 75B Work Done by: 2 - Work to be done by owner's forces	16 Latitude: 41.99385234 17 Longitude: -95.61344819
FRA No. (if RR Bridge): Mile Post:		