

Structure Inventory and Appraisal Sheet (English Units)

Bridge Key: 0747 Agency ID: 0747 SR: 32.6 SD/FO: SD

IDENTIFICATION			
State 1:	02 Alaska	Struc Number 8:	0747
Facility Carried 7:	NORTH TONGASS HWY	Location 9:	MILE POINT 4.6
Rte.(On/Under)5A:	Route On Structure	Rte Signing Prefix 5B:	3 State Hwy
Level of Service 5C:	1 Mainline	Rte. Number 5D:	00920
Directional Suffix 5E:	0 N/A (NBI)	% Responsibility:	
SHD District 2:	03 Southcoast	County Code 3:	Ketchikan Gateway Boro
Place Code 4:	North Tongass Highway	Mile Post 11:	4.619 mi
Feature Intersected 6:	WARD CREEK		
Latitude 16:	55d 24' 27.0 "	Longitude 17:	131d 43' 5.0 "
Border Bridge Code 98:	Unknown (P)		
Border Bridge No. 99:	NA		

INSPECTION			
Frequency 91:	24 months	Inspection Date 90:	06/20/2017
FC Freq. 92A:	NA	FC Insp. Date 93A:	NA
UW Freq. 92B:	NA	UW Insp. Date 93B:	NA
SI Freq. 92C:	NA	SI Date 93C:	NA
Next Inspection:	06/20/2019	Next FC Inspection:	NA
		Next UW Inspection:	NA
		Next SI:	NA

CLASSIFICATION			
Defense Highway 100:	0 Not a STRAHNET hwy	Parallel Structure 101:	No bridge exists
Traffic Direction 102:	2 2-way traffic	Temporary Structure 103:	Unknown (NBI)
Highway System 104:	0 Not on NHS	NBIS Length 112:	Long Enough
Toll Facility 20:	3 On free road	Functional Class 26:	16
Natl. Network 110:	0 Not on truck network	Historical Sig. 37:	5 Not eligible for NRP
Owner 22:	State Highway Agency		
Custodian 21:	State Highway Agency		

STRUCTURE TYPE AND MATERIALS			
Number of Approach Spans 46:	0	Number of Spans Main Unit 45:	3
Main Span 43A/B:			
	5 Prestressed concrete		4 Tee Beam
Appr Span 44A/B:			
	0 Other		00 Other
Deck Type 107:			9 Other
Wearing Surface 108A:			6 Bituminous
Membrane 108B:			2 Prefomed Fabric
Deck Protection 108C:			0 None

CONDITION			
Deck 58:	7 Good	Super 59:	6 Satisfactory
Channel/Ch. Protection 61:	8 Protected	Sub 60:	3 Serious
		Culvert 62:	N N/A (NBI)

LOAD RATING AND POSTING			
Inventory Method 65:	1 LF Load Factor	Operating Method 63:	1 LF Load Factor
Inventory Rating 66:	HS 18	Operating Rating 64:	HS 39
Design Load 31:	5 MS 18 (HS 20)	Posting 70:	5 At/Above legal loads
Posting Status 41:	A Open, no restriction		

AGE AND SERVICE			
Year Built 27:	1975	Year Reconstructed 106:	Unknown
Type of Service on 42A:	1 Highway		
Type of Service under 42B:	5 Waterway		
Lanes on 28A:	2	Lanes under 28B:	0
ADT 29:	6,277	Truck ADT 109:	3%
		Detour Length 19:	124 mi
		Year of ADT 30:	2016

APPRAISAL			
Bridge Rail 36A:	1 Meets Standards	Approach Rail 36C:	1 Meets Standards
Transition 36B:	1 Meets Standards	Approach Rail Ends 36D:	0 Substandard
Str Evaluation 67:	3 Intolerable - Correct	Deck Geometry 68:	4 Min Tolerable
Underclearance, Vertical and Horizontal 69:	N Not applicable (NBI)		
Waterway Adequacy 71:	9	Approach Alignment 72:	6 Equal Min Criteria
Scour Critical 113:	T Tidal, Low Risk		

GEOMETRIC DATA			
Length Max Span 48:	63 ft	Structure Length 49:	195 ft
Curb/Sdwk Width L 50A:	0.0 ft	Curb/Sidewalk Width R 50B:	0.0 ft
Width Curb to Curb 51:	34.8 ft	Width Out to Out 52:	35.8 ft
Approach Roadway Width 32: (w/ shoulders)	40 ft	Median 33:	0 No median
Deck Area:	6,964.3 sq ft		
Skew 34:	0	Structure Flared 35:	0 No flare
Vertical Clearance 10:	99.99 ft	Horizontal Clearance 47:	33.79 ft
Minimum Vertical Clearance Over Bridge 53:	100.0 ft		
Minimum Vertical Underclearance 54A:	N Feature not hwy or RR		
Minimum Vertical Underclearance 54B:	0.0 ft		
Minimum Lateral Underclearance 55A:	N Feature not hwy or RR		
Minimum Lateral Underclearance R 55A:	99.9 ft		
Minimum Lateral Underclearance L 56:	0.0 ft		

PROPOSED IMPROVEMENTS			
Bridge Cost 94:	\$0	Type of Work 75:	Unknown (P)
Roadway Cost 95:	\$0	Length of Improvement 76:	0.0 ft
Total Cost 96:	\$0	Future ADT 114:	7,000
Year of Cost Estimate 97:	Unknown	Year of Future ADT 115:	2035

NAVIGATION DATA			
Navigation Control 38:	1 Permit required		
Vertical Clearance 39:	17.0 ft	Horizontal Clearance 40:	40.0 ft
Pier Protection 111:	1 Not required		
		Lift Bridge Vertical Clearance 116:	0.0 ft