

### Structure Inventory and Appraisal Sheet (English Units)

Bridge Key: 0725	Agency ID: 0725	SR: 70.3	SD/FO: SD
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IDENTIFICATION			
State 1:	02 Alaska	Struc Number 8:	0725
Facility Carried 7:	SOUTH TONGASS HWY	Location 9:	MILE POINT 0.2
Rte.(On/Under)5A:	Route On Structure	Rte Signing Prefix 5B:	3 State Hwy
Level of Service 5C:	1 Mainline	Rte. Number 5D:	00902
Directional Suffix 5E:	0 N/A (NBI)	% Responsibility:	
SHD District 2:	03 Southcoast	County Code 3:	Ketchikan Gateway Boro
Place Code 4:	Ketchikan	Mile Post 11:	0.192 mi
Feature Intersected 6:	HOADLEY CREEK		
Latitude 16:	55d 21' 12.0 "	Longitude 17:	131d 41' 17.0 "
Border Bridge Code 98:	Unknown (P)		
Border Bridge No. 99:	NA		

INSPECTION			
Frequency 91:	24 months	Inspection Date 90:	06/21/2017
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:			06/21/2019
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:	1 On the 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 NRHP
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:	1
Main Span 43A/B:				
	1 Concrete		2 Stringer/Girder	
Appr Span 44A/B:				
	0 Other		00 Other	
Deck Type 107:			9 Other	
Wearing Surface 108A:			6 Bituminous	
Membrane 108B:			0 None	
Deck Protection 108C:			0 None	

CONDITION			
Deck 58:	4 Poor	Super 59:	6 Satisfactory
Channel/Ch. Protection 61:		7 Minor repairs needed	
Sub 60:		6 Satisfactory	
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 16	Operating Rating 64:	HS 45
Design Load 31:	4	Posting 70:	5 At/Above legal loads
Posting Status 41:	A Open, no restriction		

AGE AND SERVICE			
Year Built 27:	1957	Year Reconstructed 106:	Unknown
Type of Service on 42A:	1 Highway		
Type of Service under 42B:	5 Waterway		
Lanes on 28A:	3	Lanes under 28B:	0
ADT 29:	15,147	Truck ADT 109:	1%
		Detour Length 19:	124 mi
		Year of ADT 30:	2016

APPRAISAL			
Bridge Rail 36A:	1 Meets Standards	Approach Rail 36C:	0 Substandard
Transition 36B:	0 Substandard	Approach Rail Ends 36D:	0 Substandard
Str Evaluation 67:	6 Equal Min Criteria	Deck Geometry 68:	6 Equal Min Criteria
Underclearance, Vertical and Horizontal 69:	N Not applicable (NBI)		
Waterway Adequacy 71:	7 Better than Min	Approach Alignment 72:	8 Equal Desirable Crit
Scour Critical 113:	8 Stable Above Footing		

GEOMETRIC DATA			
Length Max Span 48:	43 ft	Structure Length 49:	45 ft
Curb/Sdwk Width L 50A:	5.2 ft	Curb/Sidewalk Width R 50B:	5.2 ft
Width Curb to Curb 51:	49.2 ft	Width Out to Out 52:	60.7 ft
Approach Roadway Width 32: (w/ shoulders)	48 ft	Median 33:	0 No median
Deck Area:	2,723.3 sq ft		
Skew 34:	33	Structure Flared 35:	0 No flare
Vertical Clearance 10:	99.99 ft	Horizontal Clearance 47:	47.90 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:	21,000
Year of Cost Estimate 97:	Unknown	Year of Future ADT 115:	2035

NAVIGATION DATA			
Navigation Control 38:	0 Permit Not Required		
Vertical Clearance 39:	0.0 ft	Horizontal Clearance 40:	0.0 ft
Pier Protection 111:	1 Not required	Lift Bridge Vertical Clearance 116:	0.0 ft