

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

Bridge Key: 0684	Agency ID: 0684	SR: 57.0	SD/FO: SD
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IDENTIFICATION			
State 1:	02 Alaska	Struc Number 8:	0684
Facility Carried 7:	DENALI HIGHWAY	Location 9:	MILE POINT 24.8
Rte.(On/Under)5A:	Route On Structure	Rte Signing Prefix 5B:	3 State Hwy
Level of Service 5C:	1 Mainline	Rte. Number 5D:	00750
Directional Suffix 5E:	0 N/A (NBI)	% Responsibility:	
SHD District 2:	05 North., S. Central	County Code 3:	Valdez-Cordova
Place Code 4:	Gulkana	Mile Post 11:	24.764 mi
Feature Intersected 6:	ROCK CREEK		
Latitude 16:	63d 04' 12.0 "	Longitude 17:	146d 06' 24.0 "
Border Bridge Code 98:	Unknown (P)		
Border Bridge No. 99:	NA		

INSPECTION			
Frequency 91:	24 months	Inspection Date 90:	07/14/2017
Next Inspection:		07/14/2019	
FC Freq. 92A:	NA	FC Insp. Date 93A:	NA
Next FC Inspection:	NA		
UW Freq. 92B:	NA	UW Insp. Date 93B:	NA
Next UW Inspection:	NA		
SI Freq. 92C:	NA	SI Date 93C:	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:	07
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:	1
Main Span 43A/B:			
	3 Steel		2 Stringer/Girder
Appr Span 44A/B:			
	0 Other		00 Other
Deck Type 107:			8 Wood or Timber
Wearing Surface 108A:			7 Wood or Timber
Membrane 108B:			0 None
Deck Protection 108C:			0 None

CONDITION			
Deck 58:	6 Satisfactory	Super 59:	5 Fair
Sub 60:		4 Poor	
Channel/Ch. Protection 61:		7 Minor repairs needed	
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 22
Design Load 31:	2	Posting 70:	5 At/Above legal loads
Posting Status 41:	R		

AGE AND SERVICE			
Year Built 27:	1955	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
Detour Length 19:	124 mi		
ADT 29:	49	Truck ADT 109:	8%
Year of ADT 30:	2016		

APPRAISAL			
Bridge Rail 36A:	0 Substandard	Approach Rail 36C:	0 Substandard
Transition 36B:	0 Substandard	Approach Rail Ends 36D:	0 Substandard
Str Evaluation 67:	4 Min Tolerable	Deck Geometry 68:	5 Somewhat Better than Min
Underclearance, Vertical and Horizontal 69:	N Not applicable (NBI)		
Waterway Adequacy 71:	5	Approach Alignment 72:	7 Better than Min
Scour Critical 113:	8 Stable Above Footing		

GEOMETRIC DATA			
Length Max Span 48:	58 ft	Structure Length 49:	60 ft
Curb/Sdwlk Width L 50A:	0.0 ft	Curb/Sidewalk Width R 50B:	0.0 ft
Width Curb to Curb 51:	20.0 ft	Width Out to Out 52:	20.0 ft
Approach Roadway Width 32: (w/ shoulders)	20 ft	Median 33:	0 No median
Deck Area:	1,209.6 sq ft		
Skew 34:	0	Structure Flared 35:	0 No flare
Vertical Clearance 10:	99.99 ft	Horizontal Clearance 47:	20.00 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:	200
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