

BRIDGE GROUP

Inspection Report

Structure No.:	08198	Structure Name:	Icehouse Canyon Br 1	Inspected by :	ADOT-Zapata/Kazmi
Route :	0	Road Name:	Albany Dr.	Inspection Type:	Routine
MP :	0	Agency:	Gila Co	Inspection Date :	Monday, May 4, 2020
ADOT District:	Southeast			Next Insp. Due By :	May 2022

NBI Condition Ratings			
N58 Deck :	7 Good	N61 Channel:	5 Bank Prot Eroded
N59 Superstructure :	7 Good	N62 Culvert :	N N/A (NBI)
N60 Substructure :	7 Good		

Appraisal Ratings			
N67 Structural Evaluation:	2 Intolerable - Replace	N71 Waterway Adequacy:	8 Equal Desirable
N68 Deck Geometry:	3 Intolerable - Correct	N72 Approach Roadway Align.:	6 Equal Min Criteria
N69 Vert. & Horiz. Clearances:	N Not applicable (NBI)	N113 Scour Critical:	5 Stable w/in footing

Inspection Notes
<p>Waterway:</p> <ol style="list-style-type: none"> The channel bed is narrow, sandy with heavy vegetation growth in the banks. About 15' long apron at the outlet has grouted rock. There a 4' drop at the outlet with undermining. See maintenance items. <p>Roadway/Safety:</p> <ol style="list-style-type: none"> "10 ton weight limit" and "narrow Bridge" sign at both ends. Transitions are somewhat uneven and fills look OK. 100 year old bridge resting on rock. This bridge has no transition guardrail system. <p>Miscellaneous:</p> <ol style="list-style-type: none"> Routine inspection done by ADOT Team 2. No previous recommended repair to verify. No new repair, but one repeated maintenance item. <p>Photos Taken:</p> <ol style="list-style-type: none"> Roadway ID looking SE Elevation ID looking D/S (NE) Deck top Soffit Roadway ID looking NW

Element No.	Element Description	Quantity	Units	Env.	Condition State			
					1	2	3	4
38	Re Concrete Slab	704.00	sq.ft	2.00	504	200	0	0

Single span RC slab:

- Deck top has minor hairline to narrow sized longitudinal and random cracks and moderate wear / exposed aggregate.
- Slab soffit has hairline sized longitudinal and random cracks.
- Fascia have minor hairline sized vertical cracks.
- Curbs have wide horizontal cracks.

1130	Cracking (RC and Other)	70.00	sq.ft	2.00	0	70	0	0
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1. Deck top has minor hairline to narrow sized longitudinal and random cracks. Slab soffit has hairline sized longitudinal and random cracks. Fascias have minor hairline sized vertical cracks.

1190	Abrasion(PSC/RC)	130.00	sq.ft	2.00	0	130	0	0
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1. Deck top has moderate wear / exposed aggregate.

215	Re Conc Abutment	39.00	ft	2.00	31	8	0	0
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RC tall abutment walls on spread footings:

- Widened abutment wall at both ends; the construction joint have minor spalls. The old wall has leakage stains.
- Abutments walls have minor hairline sized vertical cracks, light to moderate water stains and several construction voids.

1130	Cracking (RC and Other)	8.00	ft	2.00	0	8	0	0
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1. Abutments have minor hairline sized vertical cracks.

330	Metal Bridge Railing	70.00	ft	2.00	70	0	0	0
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W-beam guardrail flush with curbs at both sides of bridge:

- Guardrail with spacer blocks and posts has no significant defects.