

BRIDGE GROUP

Inspection Report

Structure No.:	08914	Structure Name:	Icehouse Canyon Br # 3	Inspected by :	ADOT-Zapata/Kazmi
Route :	0	Road Name:	Alamo Way	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:	6 Bank Slumping
N59 Superstructure :	7 Good	N62 Culvert :	N N/A (NBI)
N60 Substructure :	7 Good		

Appraisal Ratings			
N67 Structural Evaluation:	6 Equal Min Criteria	N71 Waterway Adequacy:	8 Equal Desirable
N68 Deck Geometry:	6 Equal Min Criteria	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

Waterway:

- Sandy, gravelly, rocky channel with concrete check wall and grouted rock apron on downstream side of bridge and moderate bank vegetation. Flow is SW to NE.
- Channel was dry at the time of the inspection and drops approximately 2.5' at end of grouted rock apron at D/S.
- 2 - 24" dia. drainage pipes enter the channel at NW corner, adjacent to NW wingwall.
- There is some undermining under the grouted apron at the outlet. See maintenance item.

Roadway/Safety:

- Two lane AC roadway has narrow to medium transverse and map cracks of moderate to high density. Transitions are somewhat uneven.
- Fills are in good condition.
- This bridge has no approach guardrail system.
- 'Stop' and 'Alamo Way' signs are at SE corner of bridge and 'No Outlet' sign is at NW corner. Object markers are at guardrail ends.

Miscellaneous:

- Routine inspection done by ADOT Team 2.
- No previous recommended repairs to verify. No new repairs, but one new maintenance item is added for this inspection.

Photos Taken:

- Roadway ID looking West
- Elevation ID looking Downstream (N)
- Deck Top
- Soffit

Element No.	Element Description	Quantity	Units	Env.	Condition State			
					1	2	3	4
38	Re Concrete Slab	1,162.00	sq.ft	2.00	1122	40	0	0
RC slab, 2 continuous spans:								
1. Deck top has hairline to narrow sized transverse and random cracks of light to moderate density and minor wear.								
2. Slab soffit has hairline sized longitudinal and transverse cracks of light to moderate density. Fascias have minor hairline vertical cracks.								
1130	Cracking (RC and Other)	130.00	sq.ft	2.00	100	30	0	0
1190	Abrasion(PSC/RC)	10.00	sq.ft	2.00	0	10	0	0
1. Deck top has minor wear.								
205	Re Conc Column	5.00	each	2.00	5	0	0	0
5 18" dia. RC columns in CMP casing on spread footings:								
1. No significant condition changes were observed since previous inspection.								
215	Re Conc Abutment	52.00	ft	2.00	46	6	0	0
RC walls on spread footings:								
1. Abutments have a few hairline sized vertical cracks and minor efflorescence.								
1120	Efflorescence/Rust Staining	6.00	ft	2.00	0	6	0	0
1. Abutments have some efflorescence with hairline sized vertical cracks.								
1130	Cracking (RC and Other)	6.00	ft	2.00	6	0	0	0
1. Abutments have a few hairline sized vertical cracks.								

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Element No.	Element Description	Quantity	Units	Env.	Condition State			
					1	2	3	4
330	Metal Bridge Railing	88.00	ft	2.00	88	0	0	0

Curb mounted W beam, flush with curbs, both sides of bridge:

1. No significant defects were observed.