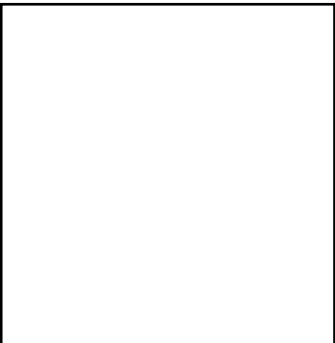


BRIDGE GROUP

Inspection Report

Structure No.:	08604	Structure Name:	Pinal Creek Bridge	Inspected by :	ADOT-Zapata/Kazmi
Route :	0	Road Name:	Dickison Dr	Inspection Type:	Routine
MP :	0	Agency:	Gila Co	Inspection Date :	Monday, June 1, 2020
ADOT District:	Southeast			Next Insp. Due By :	June 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 :	6 Satisfactory		

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:	3 SC - Unstable

Inspection Notes

Waterway:

- Sandy, gravelly channel with moderate bank vegetation. Flow is SE to NW.
- Channel was dry at the time of the inspection and has some evidence of lateral instability

Roadway/Safety:

- 2-lane AC roadway is in good condition but both transitions are a little uneven.
- Fills erosion is behind the all wingwalls.
- Dumped rock and pieces of concrete are behind NW wingwall and a truck body is behind SE wingwall. See Maintenance item.

Miscellaneous:

- Routine inspection done by ADOT Team 2.
- No previous recommended repairs to verify. No new repairs but one repeated maintenance item.
- Element N113=3, refer file to BHS.

Photos Taken:

- Roadway ID looking North
- Elevation ID looking Upstream (E)
- Deck Top
- Soffit
- Erosion on northeast corner of Bridge
- South abutment tilt

Element No.	Element Description	Quantity	Units	Env.	Condition State			
					1	2	3	4
38	Re Concrete Slab	887.00	sq.ft	2.00	857	30	0	0

Single span RC slab:

- Deck top has hairline sized longitudinal and random cracks and light wear. Not significant.
- Soffit has a few hairline sized transverse cracks and minor construction voids. Slab fascias have hairline sized vertical cracks.

1130	Cracking (RC and Other)	80.00	sq.ft	2.00	80	0	0	0
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- Deck top has hairline sized longitudinal and random cracks.
- Soffit has a few hairline sized transverse cracks. Slab fascias have hairline sized vertical cracks.

1190	Abrasion(PSC/RC)	30.00	sq.ft	2.00	0	30	0	0
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Single span RC slab:

- Deck top light wear.
- Soffit has a minor construction voids.

215	Re Conc Abutment	52.00	ft	2.00	26	26	0	0
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RC walls on spread footings:

- Abutments have minor construction voids, water stains and few hairline sized vertical cracks.
- West abutment tilt hasn't changed significantly from condition reported in previous inspections.
- There are behind the tilted wall heavy concrete debris dumped behind the wall. It is tilting the wall.
- The abutments at the outlet side have short wingwalls along the abutment walls. Perhaps, it is wise to relieve the wall from this pressure. See maintenance item.
- Dumping concrete debris behind wig wall at SE corner has tilted forward the wingwall.

1130	Cracking (RC and Other)	6.00	ft	2.00	6	0	0	0
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- Abutments have few hairline sized vertical cracks.

BRIDGE GROUP

Inspection Report

Structure No. : **08604** Structure Name : **Pinal Creek Bridge** Inspected by : **ADOT-Zapata/Kazmi**
 Route : **0** Road Name : **Dickison Dr** Inspection Type: **Routine**
 MP : **0** Agency : **Gila Co** Inspection Date : **Monday, June 1, 2020**
 ADOT District: **Southeast** Next Insp. Due By : **June 2022**

Element No.	Element Description	Quantity	Units	Env.	Condition State			
					1	2	3	4
4000	Settlement	26.00	ft	2.00	0	26	0	0
RC walls on spread footings: 1. W abutment is slightly tilted. The tilt hasn't changed significantly from condition reported in previous inspections.								
330	Metal Bridge Railing	68.00	ft	2.00	68	0	0	0
W beam guardrail on metal posts and wood spacer blocks, flush with curbs, both sides of bridge. 1. No significant defects were observed.								