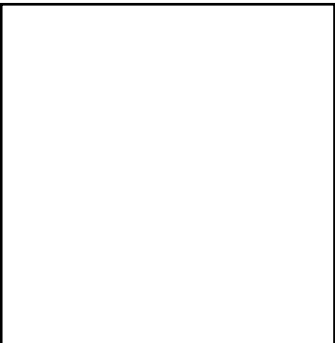


**BRIDGE GROUP**

**Inspection Report**

Structure No.: <b>08706</b>	Structure Name: <b>Pinal Creek Bridge</b>	Inspected by : <b>ADOT-Zapata/Kazmi</b>
Route : <b>0</b>	Road Name: <b>Hicks Road</b>	Inspection Type: <b>Routine</b>
MP : <b>0</b>	Agency: <b>Gila Co</b>	Inspection Date : <b>Wednesday, May 6, 2020</b>
ADOT District: <b>Southeast</b>		Next Insp. Due By : <b>May 2022</b>



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:	5 Above Tolerable	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**

Roadway/Safety:

- The longitudinal cracks on the top AC pavement are a reflection of the void slabs placed side by side. All the longitudinal cracks are sealed. the ride is smooth.
- Fills are in good condition. The bridge is on a small vertical curve. The posted speed is 15 MPH.
- The AC approach roadway at both ends have extensive sealed random cracks.
- Bushes are encroaching the shoulder area at several points. See maintenance report.

Miscellaneous:

- Routine inspection done by ADOT Team 2.
- No previous repair or maintenance items to verify. One new maintenance item is added for this inspection. No new repairs for this inspection.

Photos:

- Roadway ID looking SW
- Elevation ID looking U/S (SW)
- Deck Top
- Soffit
- South joint
- Bushes encroaching roadway

Element No.	Element Description	Quantity	Units	Env.	Condition State			
					1	2	3	4
16	Re Conc Top Flange	10,836.00	sq.ft	2.00	9836	1000	0	0

RC top flange of box beams with AC overlay:

- AC overlay has several narrow to medium longitudinal, transverse and map cracks, all were sealed.

510	<i>Wearing Surfaces</i>	10,062.00	sq.ft	2.00	8062	2000	0	0
1. The longitudinal cracks on the top AC pavement are a reflection of the void slabs placed side by side. All the longitudinal cracks are sealed. the ride is smooth.								
3220	<i>Crack (Wearing Surface)</i>	2,000.00	sq.ft	2.00	0	2000	0	0

104	Pre Clsd Box Girder	2,660.00	ft	2.00	2560	100	0	0
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7 PC, PS concrete box beams; 6 single spans:

- Box beams have minor hairline sized horizontal cracks on fascias and light to moderate tan and white water stains between beams; this line (between beams) is reflected on the AC pavement.

1110	<i>Cracking (PSC)</i>	20.00	ft	2.00	0	20	0	0
1. Box beams have minor hairline sized horizontal cracks on fascias.								
1120	<i>Efflorescence/Rust Staining</i>	80.00	ft	2.00	0	80	0	0

205	Re Conc Column	25.00	each	2.00	15	10	0	0
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16" dia. 5 CIP concrete shell piles at each pier:

- Shell piles has a rust pack.

1120	<i>Efflorescence/Rust Staining</i>	10.00	each	2.00	0	10	0	0
1. Shell piles have minor surface rust.								

215	Re Conc Abutment	59.00	ft	2.00	59	0	0	0
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## BRIDGE GROUP

## Inspection Report

Structure No. : **08706**      Structure Name : **Pinal Creek Bridge**      Inspected by : **ADOT-Zapata/Kazmi**  
Route : **0**      Road Name : **Hicks Road**      Inspection Type: **Routine**  
MP : **0**      Agency : **Gila Co**      Inspection Date : **Wednesday, May 6, 2020**  
ADOT District: **Southeast**      Next Insp. Due By : **May 2022**

Element No.	Element Description	Quantity	Units	Env.	Condition State			
					1	2	3	4
RC stubs on 16" dia. CIP concrete shell piles (buried):								
1. No significant abutment condition changes observed since last inspection.								
2. Several tractor tires weighting about 800 pounds are piled up in front of abutment stubs and further out to protect the wingwalls. It has been working ok.								
234	Re Conc Pier Cap	164.00	ft	2.00	154	10	0	0
RC pier caps on 5 CIP shell piles at each pier:								
1. Pier caps have few hairline sized vertical, horizontal and random cracks, some with efflorescence, light to moderate water stains and minor scaling.								
2. Caps have minor patches, some with white efflorescence.								
1120	Efflorescence/Rust Staining	5.00	ft	2.00	0	5	0	0
1. Pier caps have some efflorescence with hairline sized vertical, horizontal and random cracks, light to moderate water stains and minor scaling.								
1130	Cracking (RC and Other)	5.00	ft	2.00	0	5	0	0
1. Pier caps have few hairline sized vertical, horizontal and random cracks.								
310	Elastomeric Bearing	168.00	each	2.00	168	0	0	0
Bearing pads at abutments and piers:								
1. Bearing pads are in good condition.								
321	Re Conc Approach Slab	780.00	sq.ft	2.00	780	0	0	0
RC approach slabs with AC overlay- 15' long:								
1. AC overlay has a few narrow to medium sized transverse and longitudinal sealed cracks.								
2. There is a 1-1/2" gap along the abutment joint at both ends. The AC pavement is on top of joint and the AC filler is not visible. It is the start of the approach slab.								
510	Wearing Surfaces	780.00	sq.ft	2.00	580	200	0	0
1. AC overlay has a few narrow to medium sized transverse and longitudinal sealed cracks.								
3210	Del/Spall/Patch/Pot(Wear Surf)	200.00	sq.ft	2.00	200	0	0	0
330	Metal Bridge Railing	774.00	ft	2.00	764	10	0	0
Metal Bridge Railing:								
1. Curb mounted 24" high W beam guardrail with steel posts and wooden spacers.								
2. The guardrail is mounted on the curb side at both sides of deck. It looks OK.								
3. Spacer blocks are deteriorating.								
4. There are dados at the bridge four corners and there is guardrail in between dados and along the four corners. None of the guardrail is connected to the dados. There is no stiffening of the posts at the transition or rub rail or thrie beam.								
7000	Damage	10.00	ft	2.00	0	10	0	0
1. Spacer blocks are aged and a few are either rotated or split.								