Castalia

Milepost: 104.3

Description:
Copp Road - TR 302

SFN: 7229933

Inspection Date: 7/6/2021 6:20:28

Paint Type/ Year:
2018 - OZEU

Latitude 41.353796389 **Longitude** -82.877685889

Deck Summary:	5	**Operational Status:**	A
Substructure Summary:	7	**Channel Summary:**	N
Superstructure Summary:	6	**Culverts Summary:**	N

Beam to Backwall							
Beam No.	**Dir:**	**Dist:**		**Beam No.**	**Dir:**	**Dist:**	
N	N	2.5"		S	N	2.5"	
	S	2.5"			S	2.5"	

Line ID	General Area	Specific Area	Dir	Deficiency	Date Corrected
6672	Approach	Approach Wearing Surface		Forward (north) approach pavement has cracks (sealed) and ponding on left (west) side, near the approach slab.	
6673	Deck	Expansion Joint(s)		Forward abutment and pier 03 joint have debris.	
6674		Floor / Slab		Floor has transverse and map cracks throughout (5%).	
6675		Floor / Slab		Haunch spalls and delaminations near forward (north) abutment diaphragm in bay 01.	
6676		Floor / Slab		Scattered spalls and delaminations in all bays over the eastbound lanes (painted spalls with exposed rebar) (mainly bays 01 and 04).	
6677		Floor / Slab		Spalls to rebar in all bays over the westbound lanes (~ 25% of span 03 and 04).	
6678		Wearing Surface		Wearing surface has moderate wear, coarse aggregate showing and tining is worn away.	
6679		Wearing Surface		Wearing surface has scattered hairline transverse cracks.	
6680	General	Fence		Several vandal protection fence bottom rail connections are broken throughout, 32 total.	
6681	Substructure	Abutment Walls		Forward (north) abutment stem (8 linear feet) and backwall (7 linear feet) have minor vertical cracking throughout.	
6682		Abutment Walls		Forward (north) abutment stem is spalled (~2.5 SF) to rebar under beam 02 and (1 square foot) in bay 01.	
6683		Backwalls		Rear (south) abutment backwall has vertical cracks.	
6684		Pier Barrier / Crashwall		Pier 02; Barrier is map and horizontally cracked at mid height.	

Castalia

6686	Substructure	Pier Caps	Pier 01, columns 01 and 03 have a minor vertical crack on the exterior face.
6687		Pier Caps	Pier 01, vertical/map cracks on right (east) and left (west) face of caps.
6688		Pier Columns / Bents	Pier 02, Column 01; vertical cracks on left (west) face.
6689		Pier Columns / Bents	Pier 01, column 01 has 3 1 square foot spalls with exposed rebar on forward (north) face due to insufficient cover.
6690		Wingwalls	Rear left (southwest) wingwalls patches are map cracking. 2017: lot of debris at wingwall barrier toe; forward (north) wingwalls have scattered cracking.
6691		Wingwalls	Southwest wingwall has vertical cracks with efflorescence.
6692	Superstructure	Beams / Girders	Fascia and interior girders have minor to moderate cleaned and painted pitting with loss up to 1/8" in bottom flange and lower portion of web.
6693		Bearing Devices	Forward (north) abutment bearing 01 has minor pack rust (cleaned and painted), bearing lifted with very little contact with masonry plate remaining.
6694		Bearing Devices	Pier 01, span 02, bearings 1 and 3 have lift due to cleaned pack rust.

Milepost: 105.3

Description:
12'W Box Culvert

SFN: 7229968

Inspection Date: 7/7/2021 5:29:05

Paint Type/ Year:

Latitude 41.351888111 **Longitude** -82.859560111

Deck Summary:	N	**Operational Status:**	A
Substructure Summary:	N	**Channel Summary:**	6
Superstructure Summary:	N	**Culverts Summary:**	7

Beam to Backwall					
Beam No.	**Dir:**	**Dist:**	**Beam No.**	**Dir:**	**Dist:**
	Dir:	**Dist:**		**Dir:**	**Dist:**

Line ID	General Area	Specific Area	Dir	Deficiency	Date Corrected
6695	Culvert	General		Box joints are leaking (2020 could not verify).	
6696		Headwall / Endwall		South cattle gate is broken.	
6697		Headwall / Endwall		Vertical cracks in walls at south inlet.	
6698		Wingwalls		Vertical cracks in southwest wingwall.	