Castalia

6699	General	Note	2020 could not access south and north end of barrel due to high water, waders recommended.
18321	Culvert	Wingwalls	Vertical cracks in northeast and northwest wingwall.
18323		Headwall / Endwall	Horizontal cracks with efflorescence in the north headwall.

Milepost: 106.1

Inspection Date: 7/6/2021 7:36:37

Latitude 41.349991889 **Longitude** -82.844017

Description:
Northwest Rd/Southwest Rd - CR 312
(County Line)

SFN: 7229984

Paint Type/ Year:
OZEU/2018

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

Beam to Backwall

Beam No.			Beam No.		
N	**Dir:** N	**Dist:** 1.5"	S	**Dir:** N	**Dist:** 1.5"
	Dir: S	**Dist:** 2.5"		**Dir:** S	**Dist:** 2.5"

Line ID	General Area	Specific Area	Dir	Deficiency	Date Corrected
6700	Approach	Embankment		Rear left (southwest) and rear right (southeast) embankment is eroding along the wingwalls (minor).	
6701		Embankment		Rear left (southwest) and rear right (southeast) guardrail posts are broken at the bases.	
6702		Slab(s)		Animal burrowing under forward left (northwest) abutment slab.	
6703		Slab(s)		Forward (north) approach slab is ramped with asphalt overlay to match existing pavement. Longitudinal and horizontal cracking in asphalt with minor spalls.	
6704		Slab(s)		Rear (south) approach slab is spalled along the approach/abutment joint at the center lane (asphalt patch deteriorating).	
6705	Deck	Expansion Joint(s)		Forward (north) abutment joint is fully compressed and armor vertically misaligned up to ¼".	
6706		Expansion Joint(s)		Rear (south) abutment joint is compressed and the seal is torn (minor) with adjacent scaling/spalling.	
6707		Floor / Slab		Floor has map cracking.	
6708		Guardrail		Forward (north) guardrail posts are completely rotted through.	
6709		Expansion Joint(s)		Pier 01 expansion joint armor has adjacent scaling and joint is full of debris.	

6710	Deck	Railing	Exterior face of the right (east) and left (west) parapets have minor scaling and cracking throughout.
6711		Railing	Interior face of the right (east) and left (west) parapets are heavily scaled throughout spans 02-04 and spalled to rebar near the middle span and rear (south) abutment slab.
6712		Wearing Surface	Wearing surface is heavily worn in spans 02-04 with 10 SF of spalls.
6713		Wearing Surface	3 small 1 square foot spalls in wearing surface (east midspan).
6714	Substructure	Abutment Caps	Forward (north) abutment pedestal 05 is cracked with 1 SF of delamination.
6715		Abutment Walls	Forward (north) abutment stem has 8 minor vertical cracks throughout. Backwall has 5 minor vertical cracks.
6716		Abutment Walls	Rear (south) abutment stem has numerous minor vertical cracks.
6717		Pier Barrier / Crashwall	Pier 02; Barrier is map cracked (shrinkage north).
6718		Pier Caps	Per 01 cap: map cracks on underside.
6719		Pier Caps	Pier 01; Cap patches have minor cracks and delaminations.
6720		Pier Caps	Pier 02; Cap has vertical cracks with efflorescence at the right (east) and left (west) faces that extend into columns 01 and 03.
6721		Pier Caps	Pier 03; Cap has cracks, spalls and delaminations some through failing patches.
6722		Pier Caps	Pier 03; Cap underside and face is map cracked and delaminated.
6723		Pier Caps	Pier 01, cap has map cracks at right (east) and left (west) face.
6724		Pier Columns / Bents	Pier 01, column 01: vertical cracks.
6725		Pier Columns / Bents	Pier 02; Column 01 patch is delaminating.
6726		Pier Columns / Bents	Pier 03: small vertical crack on right (east) face.
6727		Pier Columns / Bents	Pier 03: crack with minor spalling on rear (south) side column 02.
6728		Pier Columns / Bents	Pier 03: cracks with minor scaling on left (west) side of column 01.
6729		Pier Columns / Bents	Pier 01, column 02 has spall (1 square foot) with exposed rebar due to insufficient cover.

Castalia

6730	Substructure	Slope Protection	Forward (north) abutment slope has a loss of rock slope protection and erosion trench.
6731		Wingwalls	Forward left (northwest) wingwall has minor scaling and cracking.
6732		Wingwalls	Rear left (southwest) wingwall has minor vertical cracks.
6733		Wingwalls	Rear left (southwest) wingwall is map cracked.
6734	Superstructure	Beams / Girders	Minor cleaned and painted pitting in bottom flanges over roadway. Fascia girders have section loss up to 1/8" in BF and lower web.
6735		Bearing Devices	All forward (north) abutment bearings lifted due to clean/paint but no shims (all CS3).
6736		Bearing Devices	Pier 01 bearings 2N, 3N, 2S, and 5N float. Others are partially lifted due to cleaned and painted pack rust.
6737	Substructure	Abutment Caps	Rear (south) abutment pedestal 05 has a small delamination under bearing.
18307	Deck	Expansion Joint(s)	Pier 03 expansion joint has adjacent spalling and 4 SF asphalt patched spall and is full of debris.

Milepost: 106.8

Description:
State Route 269

SFN: 2228858

Inspection Date: 7/7/2021 5:54:52

Paint Type/ Year:
OZEU 2013

Latitude 41.348554694 **Longitude** -82.830564889

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

Beam to Backwall							
Beam No.	**Dir:**	**Dist:**		**Beam No.**	**Dir:**	**Dist:**	
N	N	2.5"		S	N	2.5"	
	S	±1"			S	±1"	

Line ID	General Area	Specific Area	Dir	Deficiency	Date Corrected
6738	Approach	Slab(s)		Forward (north) abutment slab pavement is spalled (3'L x 6'W) in the southbound lane adjacent to the expansion joint (filled with asphalt patch).	
6739		Fence		Left (west) vandal fence is missing at the forward left (northwest) guardrail transition and damaged nearby.	
6740		General		Forward (north) approach slab separating from abutment slab and splitting down centerline.	
6741		Slab(s)		Rear (south) approach slab has minor spalls along the center line at the approach/abutment slabs joint.	