



Category: Eng. - Engineering



SUBSTRUCTURE

Condition: F2 - Fair

Bearings: U - Uninspectable

Bearing Seat: U - Uninspectable

Comments: Previous Inspection - Concrete abutments, pier and wingwalls. Some cracking with efflorescence throughout. Disintegration of exterior edges of center pier and upper corners of abutments. Bearing seat has large section of concrete missing under girder 5,6 and between them span one side; some cracking and efflorescence under

girder 6 center pier span one side. Some cracking and squat in bearing pads. Spalling on Girders appears to be worsening. Center pier has vertical cracks under girder 4 and appear to be worsening at top. New inspection - grid-like hairline cracking in pier on burin side. Abutment #1 has horizontal cracking, vertical cracking, rust staining, and exposed rebar.

SUPERSTRUCTURE

Condition:	F2 - Fair	Expansion Joints:	P3 - Poor
Comments:	Previous inspection - 2 spans with 6 AASHTO girders per span. Girders 1,2,4,5,6 span one have cracking with efflorescence; all girders span two have efflorescence and honeycombing. Leakage through the deck and expansion joints is evident. New inspection - Exposed U-shaped hooks along all girders. Between girders 5 and 6, spalling around left-behind formwork with leakage and efflorescence staining. Efflorescence build up under rehab sites along fascia. Exposed rebar on girders 1,2,3,4 span one side. Between girder 3 and 4, minor cracking with efflorescence.		

DECK

Condition:	F2 - Fair	Curbs:	F2 - Fair
Hand Rail:	G - Good	Roadway Condition:	F2 - Fair
Approach Rail:	F2 - Fair		
Comments:	Previous inspection - Curbs faces and surface good, minor deterioration of the backs. Roadway has settlement approach one and two. New inspection - Spalling on fascia, span two left. Potential separation of seal in joint 1 on roadway. Longitudinal cracking(with traffic) in all roadway joints. Heavy sand/salt build up on deck.		

HYDROLOGY

Water Velocity:	0.5 m/s	Ice Problem:	N - No Problem
Water Depth:	2 m	Scour Problem:	P - Possible Problem
Waterway:	01 - Adequate	Debris Problem:	N - No Problem
Comments:	previous inspection - Tidal zone. Unable to check center pier for scour due to depth, possible issues. Ice jams occur at this structure.		

REPLACEMENT/REHABILITATION

Next Rehab. Date:		Replacement Year:	
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0
Recommendations:	New inspection - Recently rehabbed in 2021, probably shortly after previous inspection.		

OBSERVATIONS

Overall Condition:	F2 - Fair	Requires Further Inspection:	No
Additional Observations:	New inspection - Pipe on abutment #1 right that has no observed purpose.		