FLORIDA DEPARTMENT OF TRANSPORTATION
BRIDGE MANAGEMENT SYSTEM
Inspection/CIDR/Bridge Profile Report
Inspection

Structure ID: 884039

DISTRICT: D4 - Ft. Lauderdale **INSPECTION DATE: 10/29/2019 MYLK**

BY:	TranSystems Corporation Consultants	STRUCTURE NAME:	Not recorded
OWNER:	2 County Hwy Agency	YEAR BUILT:	1961
MAINTAINED BY:	2 County Hwy Agency	SECTION NO.:	88 000 002
STRUCTURE TYPE:	1 Reinforced Concrete - 01 Slab	MP:	1.988
LOCATION:	CR-615 (66TH AVE.)	ROUTE:	00508
SERV. TYPE ON:	1 Highway	FACILITY CARRIED:	CR-508 (69TH ST.)
SERV. TYPE UNDER:	5 Waterway	FEATURE INTERSECTED:	LATERAL A CANAL

☐ FUNCTIONALLY OBSOLETE ☐ STRUCTURALLY DEFICIENT

TYPE OF INSPECTION: Regular NBI

DATE FIELD INSPECTION WAS PERFORMED: ABOVE WATER: 10/29/2019 UNDERWATER: N/A

SUFFICIENCY RATING: 51.5
HEALTH INDEX: 80.93

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SERV. TYPE ON:	1 Highway	FACILITY CARRIED:	CR-508 (69TH ST.)
SERV. TYPE UNDER:	5 Waterway	FEATURE INTERSECTED:	LATERAL A CANAL

☐ THIS BRIDGE CONTAINS FRACTURE CRITICAL COMPONENTS

☐ THIS BRIDGE IS SCOUR CRITICAL

☐ THIS REPORT IDENTIFIES DEFICIENCIES WHICH REQUIRE PROMPT CORRECTIVE ACTION

☐ FUNCTIONALLY OBSOLETE ☐ STRUCTURALLY DEFICIENT

TYPE OF INSPECTION: Regular NBI

DATE FIELD INSPECTION WAS PERFORMED: ABOVE WATER: 10/29/2019 UNDERWATER: N/A

OVERALL NBI RATINGS:

DECK:	5 Fair	CHANNEL:	7 Minor Damage
SUPERSTRUCTURE:	5 Fair	CULVERT:	N N/A (NBI)
SUBSTRUCTURE:	5 Fair	SUFF. RATING:	51.5
PERF. RATING:	Fair	HEALTH INDEX:	80.93

FIELD PERSONNEL / TITLE / NUMBER: **INITIALS**

Rivera, Michael - Bridge Inspector (CBI #00547) (lead) MDR Digitally signed by MDR Date: 2019.12.12 16:57:07 -05'00'

Linton, Deondre - Assistant Bridge Inspector

REVIEWING BRIDGE INSPECTION SUPERVISOR:

Sojo, Fernando - CBI (#00214) FVS Digitally signed by FVS Date: 2019.12.12 16:57:22 -05'00'

CONFIRMING REGISTERED PROFESSIONAL ENGINEER:

McLennon, R. Wayne - PE #49174 Transystems Corporation Consultants
3230 West Commercial Blvd.
Suite 450 (Auth. No. 00007503)
Ft. Lauderdale Florida 33309

SIGNATURE: Rudolph W McLennon

DATE: 2019.12.12 16:57:39 -05'00'

RUDOLPH W. MCLENNON LICENSE No 49174 STATE OF FLORIDA PROFESSIONAL ENGINEER

This report has been digitally signed and sealed by Rudolph W. McLennon. PE on the date adjacent to the seal as required by Rule 61G15-23.004, F.A.C.. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

FLORIDA DEPARTMENT OF TRANSPORTATION
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Structure ID: 884039

DISTRICT: D4 - Ft. Lauderdale **INSPECTION DATE: 10/29/2019 MYLK**

All Elements

DECKS : Decks/Slabs

Str Unit	Elem/Env	Description	Qty1	%1	Qty2	%2	Qty3	%3	Qty4	%4	T Qty
0	38 / 3	Re Concrete Slab	1065	93.5	60	5.27	14	1.23	0	.	1139 sq.ft
0	1080 / 3	Delamination/Spall/Patched Area	0	.	60	84.51	11	15.49	0	.	71 sq.ft
0	1090 / 3	Exposed Rebar	0	.	0	.	3	100	0	.	3 sq.ft
0	510 / 3	Wearing Surfaces	1080	100	0	.	0	.	0	.	1080 sq.ft

Element Inspection Notes:

38/3 Note: The deck top is not visible due to an asphalt overlay. Due to the high level of the earth slopes under Span 1, the underside of the western half of the span is not visible.

CS3:
1) Slab Unit 1-6 south edge has a spall 3ft. L x 7in. W x 2in. D with exposed corroded rebar with up to 7/8in. remaining section, adjacent to Post 1-2 and near the cap at Bent 2 (total 3sf). NO CHANGE. See Photo 38-S01.

2) Slab Unit 2-1 exhibits a spall 1ft. L x 4in. W x 2in. D with no exposed steel, 2ft. from Bent 2 (total 1sf). NEW. See Photo 38-S02.

3) Slab Unit 3-1 north edge has a spall 20in. L x 10in. H x 4in. D with exposed corroded rebar, at Post 3-2 left (total 2sf). NEW. See Photo 38-S03.

4) Slab Unit 3-1 south edge has a spall/delamination 4ft. L x 1ft. W x 4in. D with exposed corroded steel, at midspan (total 4sf). NO CHANGE. See Photo 38-S04.

5) Slab Unit 3-2 north edge has a delaminated patch 4ft. L x 6in. W at midspan (total 4sf). Previously noted as a delamination only. INCREASE. See Photo 38-S04.

CS2:
6) Slab Unit 2-1 south edge has a sound patch 3ft. 4in. L x 7in. W at midspan (total 3sf). Previously noted as a spall. DECREASE.

7) Slab Units 2-2 and 2-3 has a sound patch 6ft. L x 9ft. W, at midspan (total 54sf). Previously noted as spalls. DECREASE. See Photo 38-S05.

8) Slab Unit 2-3 adjacent to Bent 3 cap has a sound patch 2ft. L x 7ft. L (total 2sf). Previously noted as a spall. DECREASE.

9) Slab Unit 3-1 north face has a delamination 1ft. 2in. L x 2in. W at Bent 3 (total 1sf). NO CHANGE. See Photo 38-S06.

Secondary:
10) There are no roadway reflectors along the curbs and bridge rails. NO CHANGE.

1080/3 Refer to EIN 2 thru 9.

1090/3 Refer to EIN 1.

510/3 CS1:
10) The asphalt overlay exhibits transverse and longitudinal cracks up to 15ft. L x 1/32in. W (total 150sf). NO CHANGE. See Photo 38-S07.

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DISTRICT: D4 - Ft. Lauderdale **INSPECTION DATE: 10/29/2019 MYLK**

MISCELLANEOUS : Channel

Str Unit	Elem/Env	Description	Qty1	%1	Qty2	%2	Qty3	%3	Qty4	%4	T Qty
0	8290 / 3	Channel	0	.	1	100	0	.	0	.	1 (EA)
0	9150 / 3	Bank Erosion	0	.	1	100	0	.	0	.	1 (EA)

Element Inspection Notes:

8290/3 CS2:
1) The dirt slopes at End Bents 1 and 4 are not protected and have erosion up to 10ft. L x 6ft. W x 4ft. under the joints between Slab Units 3 and 4. NO CHANGE. See Photo 8290-S01.

9150/3 Refer to EIN 1.

MISCELLANEOUS : Other Elements

Str Unit	Elem/Env	Description	Qty1	%1	Qty2	%2	Qty3	%3	Qty4	%4	T Qty
0	8476 / 3	Timber Walls	54	87.1	8	12.9	0	.	0	.	62 ft
0	1020 / 3	Connection	0	.	8	100	0	.	0	.	8 ft

Element Inspection Notes:

8476/3 CS2:
1) The south end of the timber wall between Piles 2-3 and 2-5 at Bent 2 is displaced and separated up to 8ft. L x 2ft. H (total 8ft). NEW. See Photo 8476-S01.

Secondary:
2) Timbers have been nailed to the piles at Bent 2. The timber wall at the east end is free standing. NO CHANGE.

3) The timbers are in good condition; however, dirt from the slopes behind the walls are spilling out from under the walls and from separations between the boards. NO CHANGE.

4) The timber wall below Span 3 is leaning towards the channel at the north and south ends. Previously noted at the north end only. INCREASE. See Photo 8476-S02.

1020/3 Refer to EIN 1.

SUBSTRUCTURE : Substructure

Str Unit	Elem/Env	Description	Qty1	%1	Qty2	%2	Qty3	%3	Qty4	%4	T Qty
0	215 / 3	Re Conc Abutment	52	100	0	.	0	.	0	.	52 ft

Element Inspection Notes:

215/3 Note: The end bents are not visible due to the high level of the earth channel slopes.

No deficiencies were noted.

SUBSTRUCTURE : Substructure

Str Unit	Elem/Env	Description	Qty1	%1	Qty2	%2	Qty3	%3	Qty4	%4	T Qty
0	228 / 3	Timber Pile	0	.	0	.	7	70	3	30	10 (EA)
0	1140 / 3	Decay/Section Loss	0	.	0	.	2	100	0	.	2 (EA)
0	1170 / 3	Split/Delamination (Timber)	0	.	0	.	5	100	0	.	5 (EA)

Element Inspection Notes:

228/3 Note: Piles 3-1, 3-3 and 3-4 are placed in CS4 due to the concrete jackets.

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CS3:
1) The piles have weathering splits up to 4ft. H x 1/8in. W (total 5 ea). NO CHANGE.

2) Pile 2-3 at the north quadrant has an area of decay 6in. L x 1ft. W x 2in. D at the groundline (total 1 ea). NO CHANGE. See Photo 228-S01.

3) Pile 2-4 at the east quadrant at the cap has a splintered area 6in. L x 6in. W x 2in. D (total 1 ea). NO CHANGE. See Photo 228-S02.

Secondary:
4) The unjacketed piles have white fungus stains in the splash zone. NO CHANGE.

1140/3 Refer to EIN 2 and 3.

1170/3 Refer to EIN 1.

SUBSTRUCTURE : Substructure

Str Unit	Elem/Env	Description	Qty1	%1	Qty2	%2	Qty3	%3	Qty4	%4	T Qty
0	234 / 3	Re Conc Pier Cap	50	96.15	2	3.85	0	.	0	.	52 ft
0	1080 / 3	Delamination/Spall/Patched Area	0	.	2	100	0	.	0	.	2 ft

Element Inspection Notes:

234/3 Note: The concrete toppings over the timber cap at the intermediate bents were evaluated under this element.

CS2:
1) The cap at Bent 3 on the west face has a delamination 2ft. L x 6in. H adjacent to Pile 3-3. NEW. See Photo 234-S01.

1080/3 Refer to EIN 1.

SUBSTRUCTURE : Substructure

Str Unit	Elem/Env	Description	Qty1	%1	Qty2	%2	Qty3	%3	Qty4	%4	T Qty
0	235 / 3	Timber Pier Cap	52	100	0	.	0	.	0	.	52 ft

Element Inspection Notes:

235/3 Secondary:
1) The timber cap extension boards have weathering splits up to 2ft. L x 1/16in. W with white fungus growth. NO CHANGE. See Photo 235-S01.

SUBSTRUCTURE : Substructure

Str Unit	Elem/Env	Description	Qty1	%1	Qty2	%2	Qty3	%3	Qty4	%4	T Qty
0	8298 / 3	Pile Jacket Bare	1	33.33	1	33.33	1	33.33	0	.	3 (EA)
0	1080 / 3	Delamination/Spall/Patched Area	0	.	0	.	1	100	0	.	1 (EA)
0	1130 / 3	Cracking (RC and Other)	0	.	1	100	0	.	0	.	1 (EA)

Element Inspection Notes:

8298/3 Note: Piles 3-1, 3-3 and 3-4 have 2 ft. diameter concrete jackets.

CS3:
1) Pile Jacket 3-3 in the north quadrant has a spall and delamination 2ft. H x 20in. W x 3in. D with exposed corroded steel (total 1 ea). NO CHANGE. See Photo 8298-S01.

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CS2:
2) Pile Jacket 3-4 has vertical cracks up to 3ft. L x 1/8in. W at random locations (total 1 ea). NO CHANGE. See Photo 8298-S02.

1080/3 Refer to EIN 1.

1130/3 Refer to EIN 2.

SUPERSTRUCTURE : Superstructure

Str Unit	Elem/Env	Description	Qty1	%1	Qty2	%2	Qty3	%3	Qty4	%4	T Qty
0	333 / 3	Other Bridge Railing	69	90.79	4	5.26	3	3.95	0	.	76 ft
0	1080 / 3	Delamination/Spall/Patched Area	0	.	0	.	3	100	0	.	3 ft
0	1220 / 3	Deterioration (Other)	0	.	4	100	0	.	0	.	4 ft

Element Inspection Notes:

333/3 Note: This element represents the concrete post and timber rail bridge railing. The bridge rail stops 3ft. 6in. short of the ends at all four corners.

CS3:
1) Posts 1-2, 2-1 and 3-1 right has spalls up to 10in. H x 6in. W x 3in. D with some exposing the anchor bolts (total 3ft). NEW. See Photo 333-S01.

CS2:
2) The timber railing between Post 1-1 and 1-2 right have a fractured area 4ft. L x 6in. H (total 4ft). NEW. See Photo 333-S02.

Secondary:
3) There is no approach guardrail system provided at the structure. NO CHANGE. See Photo 333-S03.

1080/3 Refer to EIN 1.

1220/3 Refer to EIN 2.

Total Number of Elements*: 9
*excluding defects/protective systems

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DISTRICT: D4 - Ft. Lauderdale **INSPECTION DATE: 10/29/2019 MYLK**

Inspector Recommendations

UNIT: 0 **DECKS**

ELEMENT/ENV: 38 / 3 Re Concrete Slab **ELEM CATEGORY: Decks/Slabs**

CONDITION STATE		PRIORITY
1 , 2 , 3	MMS Quantity: 1 sf Element Estimated Quantity: 150 sq.ft	3

WORK ORDER RECOMMENDATION:

Repair transverse and longitudinal cracks in the asphalt overlay throughout the bridge.

CONDITION STATE		PRIORITY
1 , 2 , 3	MMS Quantity: 1 sf Element Estimated Quantity: 71 sq.ft	3

WORK ORDER RECOMMENDATION:

Repair spalls and delaminations in Slab Units 1-6 2-1 2-2 2-3 3-1 and 3-2.

UNIT: 0 **MISCELLANEOUS**

ELEMENT/ENV: 8476 / 3 Timber Walls **ELEM CATEGORY: Other Elements**

CONDITION STATE		PRIORITY
1 , 2	MMS Quantity: 1 mh Element Estimated Quantity: 1 ft	3

WORK ORDER RECOMMENDATION:

Repair deteriorated and leaning timber wall below Span 3.

CONDITION STATE		PRIORITY
1 , 2	MMS Quantity: 1 mh Element Estimated Quantity: 8 ft	3

WORK ORDER RECOMMENDATION:

Repair displaced and separated timber wall at the south end between Piles 2-3 and 2-5 at Bent 2.

UNIT: 0 **SUBSTRUCTURE**

ELEMENT/ENV: 8298 / 3 Pile Jacket Bare **ELEM CATEGORY: Substructure**

CONDITION STATE		PRIORITY
1 , 2 , 3	MMS Quantity: 1 mh Element Estimated Quantity: 1 (EA)	3

WORK ORDER RECOMMENDATION:

Repair spall and delamination in the north quadrant at Pile Jacket 3-3.

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Inspector Recommendations

UNIT: 0 **SUPERSTRUCTURE**

ELEMENT/ENV: 333 / 3 Other Bridge Railing **ELEM CATEGORY: Superstructure**

CONDITION STATE		PRIORITY
1 , 2 , 3	MMS Quantity: 1 lf Element Estimated Quantity: 1 ft	3

WORK ORDER RECOMMENDATION:
Install approach guardrails at all four corners pf the bridge.

1 , 2 , 3	MMS Quantity: 1 lf Element Estimated Quantity: 1 ft	3

WORK ORDER RECOMMENDATION:
Repair spalls in Posts 1-2 2-1 and 3-1 right.

1 , 2 , 3	MMS Quantity: 1 lf Element Estimated Quantity: 4 ft	3

WORK ORDER RECOMMENDATION:
Repair fractured area at the timber railing between Posts 1-1 and 1-2 right.

Structure Notes

BRIDGE OWNER: INDIAN RIVER COUNTY

Structure inventoried from west to east.

Asphalt thickness = 2in.

This structure is on a 12 month inspection frequency due to CID Item 70, Bridge Posting, being coded a 4 or less. Element 38 Re Concrete Slab is the controlling element.

The inventory photos were last updated on 10/19/2017.

INSPECTION NOTES: MYLK 10/29/2019

Sufficiency Rating Calculation Accepted by KNTCCRP at 12/12/2019 08:30:00 AM

TRAFFIC RESTRICTIONS: This structure currently requires weight restriction posting as per the results of the most recent load analysis dated 04/13/2015. Posting is required for the SU and C type vehicles at or below the Operating ratings as follows: SU = 31 tons and C = 35 tons. The bridge is blanket posted for 30 Tons. Our inspection did not reveal significant deterioration to suggest the need for a new load rating analysis.

LOAD CAPACITY EVALUATION:
Since the current load rating dated 04/13/2015, there is no indication that deterioration, geometric changes or additional dead load have occurred that would warrant a new load rating analysis. This only applies to this inspection dated 10/29/2019 per R. Wayne McLennon, P.E..

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SOUTH ELEVATION

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EAST APPROACH LOOKING WEST

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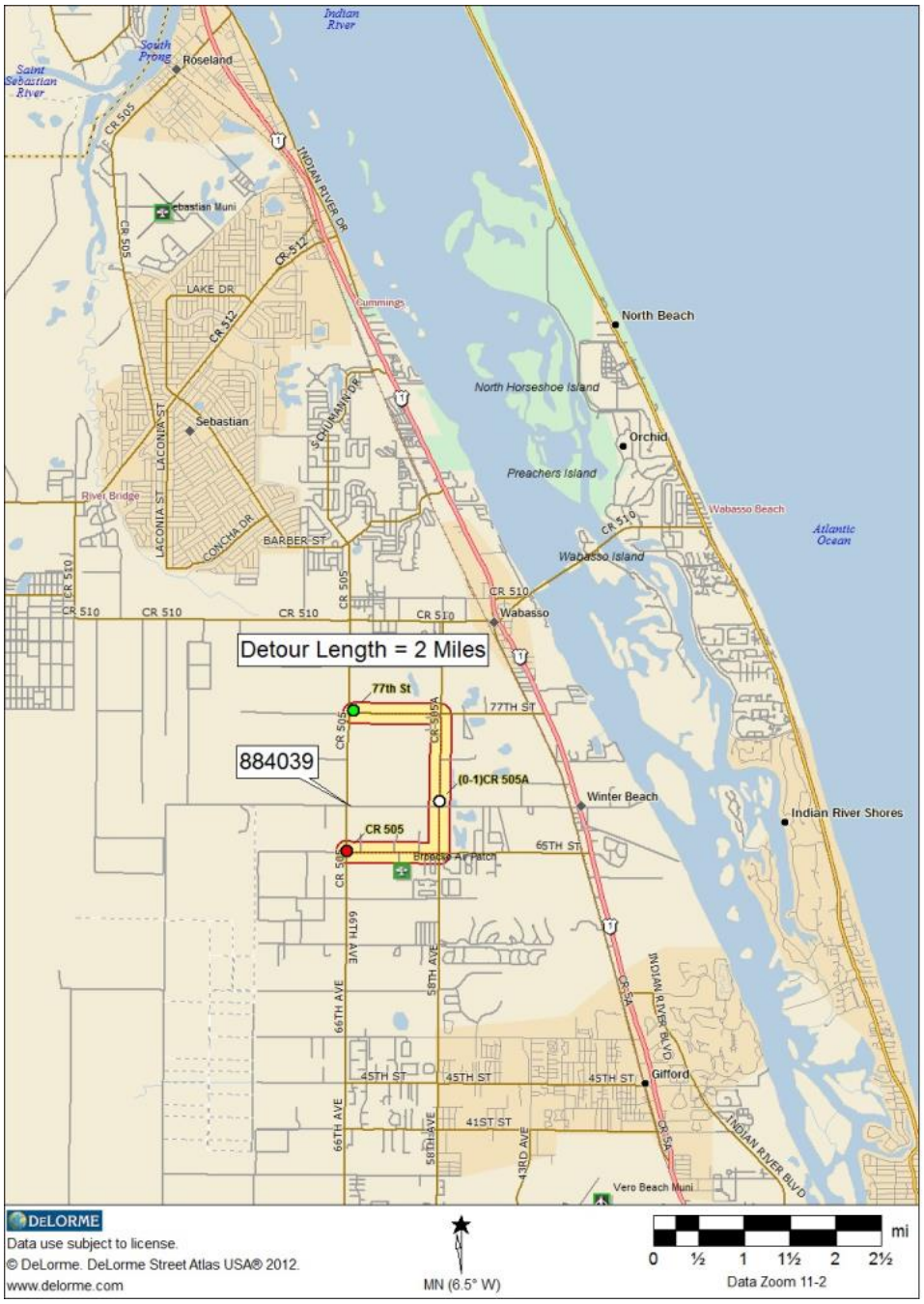

LOCATION MAP

CR-508 (69th St) over Lateral A Canal - At CR-615 (66th Ave)

FLORIDA DEPARTMENT OF TRANSPORTATION
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Bridge # 884039	FDOT Bridge Load Rating Summary Form	Form Date 1/1/2014

LFR using Part B

Rating Level	Vehicle	Weight (tons)	LLDF per Wheel Line (M)	LLDF per Wheel Line (V)	Rating Factor	Tons	Controlling Span and Member	Controlling Location		Controlling Force		Bridge Management Value (Tons)	
								Distance (ft)	Percent (%)	Limit State	Type		
Design Operating	HS20-44	36.0	0.238	N/A	0.962	34.6	Interior Slab Unit	7.34	50.0	Strength I	Flexure	Operating Rating (64)	34.6
Design Inventory			0.238	N/A	0.577	20.8	Interior Slab Unit	7.34	50.0	Strength I	Flexure	Inventory Rating (66)	20.8
Legal	SU2	17.0	0.238	N/A	1.400	23.8	Interior Slab Unit	7.34	50.0	Strength I	Flexure	Single Unit Truck 2 Axles	23.8
	SU3	33.0	0.238	N/A	0.962	31.7	Interior Slab Unit	7.34	50.0	Strength I	Flexure	Single Unit Truck 3 Axles	31.7
	SU4	35.0	0.238	N/A	0.959	33.6	Interior Slab Unit	7.34	50.0	Strength I	Flexure	Single Unit Truck 4 Axles	33.6
	C3	28.0	0.238	N/A	1.400	39.2	Interior Slab Unit	7.34	50.0	Strength I	Flexure	Comb. Unit Truck 3 Axles	39.2
	C4	36.7	0.238	N/A	0.962	35.3	Interior Slab Unit	7.34	50.0	Strength I	Flexure	Comb. Unit Truck 4 Axles	35.3
	C5	40.0	0.238	N/A	1.059	42.4	Interior Slab Unit	7.34	50.0	Strength I	Flexure	Comb. Unit Truck 5 Axles	42.4
	ST5	40.0	0.238	N/A	1.176	47.0	Interior Slab Unit	7.34	50.0	Strength I	Flexure	Truck Trailer 5 Axles	47.0

Notes:

1. This table is based on the requirements established in the 2014 FDOT Bridge Load Rating Manual.
2. Controlling location is given both by the distance from the left support on that span and the fraction of that span. Ex: 28.5' - 50%
3. Controlling force is provided as flexure, shear, or stress together wih the corresponding limit state. Ex: Strength I - Flexure
4. If a legal vehicle is not required for load rating, enter "N/A" as the rating factor. Bridge management value will automatically be "-1.0"
5. Values in the the shaded cells will automatically be calculated.
6. LLDF: Live load distribution factor (per wheel line) is entered for the controlling span and the controlling case.
7. If posting is not required, enter "99" tons.

Bridge Load Rating Manual & Bridge Management System (BMS) Coding Guide are available at:
http://www.dot.state.fl.us/statemaintenanceoffice/divisions.shtm

Bridge Management Information			
Load Rating Date	3/3/15		
Reason for L.R.	Update		
Program Used & Version No.	MathCad v15.0		
Load Rating Origination	(C) Field Measurements		
Design Method	(A) Working Stress		
Method of Calculation for LLDF	(1) AASHTO Formula		
LLDF (per wheel line)	0.238		
Impact Factor	30.0		
Design Load (31)	(0) Unknown (Describe in Structure Notes)		
Operating Type (63)	(1) Load Factor (LF)		
Inventory Type (65)	(1) Load Factor (LF)		
Main Type Material (43A)	(1) Concrete		
Main Type Design (43B)	(01) Slab		
Approach Type Material (44A)			
Approach Type Design (44B)			
Open/Posted/Closed (41)	(B) Posting recommended		
Posting (70)	(5) At/Above legal loads (1.000 up) (Not required)		
Spans in Main Unit (45)	3		
Approach Spans (46)			
Length of Max Span (ft) (48)	14.7		
Structure Length (ft) (49)	45.0		
Recommended Posting	SU	31.0	tons
	C	35.0	tons
	ST	99.0	tons

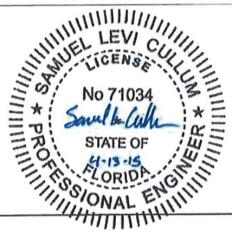
Comments/Assumptions

See Assumptions Page.

P.E. Information

Performed by:	KWL	Date:	2/25/2015
Checked by:	SLC	Date:	3/3/2015
Reviewed by:	TAL	Date:	3/3/2015
Responsible Engineer:	Sam Cullum	P.E. License #:	71034
Telephone:	813-871-5331	e-mail:	scullum@kisingercampo.com

P.E. Seal



LOAD RATING ANALYSIS SUMMARY

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WEIGHT LIMIT SIGN AT THE EAST APPROACH

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WEIGHT LIMIT SIGN AT THE WEST APPROACH

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Photo 38-S01 (Unit 0: Re Concrete Slab)

Spall with exposed corroded rebar with section loss in the south edge of Slab Unit 1-6, adjacent to Post 1-2 and near the cap at Bent 2.

REPAIR RECOMMENDATION:
Repair spalls and delaminations in Slab Units 1-6 2-1 2-2 2-3 3-1 and 3-2.

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Photo 38-S02 (Unit 0: Re Concrete Slab)

Spall with no exposed steel in Slab Unit 2-1, 2ft. from Bent 2.

REPAIR RECOMMENDATION:
Repair spalls and delaminations in Slab Units 1-6 2-1 2-2 2-3 3-1 and 3-2.

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Structure ID: 884039

DISTRICT: D4 - Ft. Lauderdale **INSPECTION DATE: 10/29/2019 MYLK**

Photo 38-S03 (Unit 0: Re Concrete Slab)

Spall with exposed corroded rebar in the north edge of Slab Unit 3-1 at Post 3-2 left.

REPAIR RECOMMENDATION:
Repair spalls and delaminations in Slab Units 1-6 2-1 2-2 2-3 3-1 and 3-2.

FLORIDA DEPARTMENT OF TRANSPORTATION
BRIDGE MANAGEMENT SYSTEM
Inspection/CIDR/Bridge Profile Report
Inspection

Structure ID: 884039

DISTRICT: D4 - Ft. Lauderdale **INSPECTION DATE: 10/29/2019 MYLK**

Photo 38-S04 (Unit 0: Re Concrete Slab)

Spall/delamination with exposed corroded steel in the south edge of Slab Unit 3-1 at midspan. Note delaminated patch in the north edge of Slab Unit 3-2.

REPAIR RECOMMENDATION:
Repair spalls and delaminations in Slab Units 1-6 2-1 2-2 2-3 3-1 and 3-2.

FLORIDA DEPARTMENT OF TRANSPORTATION
BRIDGE MANAGEMENT SYSTEM
Inspection/CIDR/Bridge Profile Report
Inspection

Structure ID: 884039

DISTRICT: D4 - Ft. Lauderdale **INSPECTION DATE: 10/29/2019 MYLK**

Photo 38-S05 (Unit 0: Re Concrete Slab)

Sound patch in Slab Units 2-2 and 2-3 at midspan.

REPAIR RECOMMENDATION:
None.

FLORIDA DEPARTMENT OF TRANSPORTATION
BRIDGE MANAGEMENT SYSTEM
Inspection/CIDR/Bridge Profile Report
Inspection

Structure ID: 884039

DISTRICT: D4 - Ft. Lauderdale **INSPECTION DATE: 10/29/2019 MYLK**

Photo 38-S06 (Unit 0: Re Concrete Slab)

Delamination in the north face of Slab Unit 3-1 at Bent 3.

REPAIR RECOMMENDATION:
Repair spalls and delaminations in Slab Units 1-6 2-1 2-2 2-3 3-1 and 3-2.

FLORIDA DEPARTMENT OF TRANSPORTATION
BRIDGE MANAGEMENT SYSTEM
Inspection/CIDR/Bridge Profile Report
Inspection

Structure ID: 884039

DISTRICT: D4 - Ft. Lauderdale **INSPECTION DATE: 10/29/2019 MYLK**

Photo 38-S07 (Unit 0: Re Concrete Slab)

Longitudinal crack in the asphalt overlay eastbound lane in Span 1.

REPAIR RECOMMENDATION:
Repair transverse and longitudinal cracks in the asphalt overlay throughout the bridge.

FLORIDA DEPARTMENT OF TRANSPORTATION
BRIDGE MANAGEMENT SYSTEM
Inspection/CIDR/Bridge Profile Report
Inspection

Structure ID: 884039

DISTRICT: D4 - Ft. Lauderdale **INSPECTION DATE: 10/29/2019 MYLK**

Photo 8290-S01 (Unit 0: Channel)

Erosion with timber wall installed at End Bent 4.

REPAIR RECOMMENDATION:
None.

FLORIDA DEPARTMENT OF TRANSPORTATION
BRIDGE MANAGEMENT SYSTEM
Inspection/CIDR/Bridge Profile Report
Inspection

Structure ID: 884039

DISTRICT: D4 - Ft. Lauderdale **INSPECTION DATE: 10/29/2019 MYLK**

Photo 8476-S01 (Unit 0: Timber Walls)

Displaced and separated timber wall at the south end between Piles 2-3 and 2-5 at Bent 2.

REPAIR RECOMMENDATION:
Repair displaced and separated timber wall at the south end between Piles 2-3 and 2-5 at Bent 2.

FLORIDA DEPARTMENT OF TRANSPORTATION
BRIDGE MANAGEMENT SYSTEM
Inspection/CIDR/Bridge Profile Report
Inspection

Structure ID: 884039

DISTRICT: D4 - Ft. Lauderdale **INSPECTION DATE: 10/29/2019 MYLK**

Photo 8476-S02 (Unit 0: Timber Walls)

Leaning timber wall towards the channel below Span 3.

REPAIR RECOMMENDATION:
Repair deteriorated and leaning timber wall below Span 3.

FLORIDA DEPARTMENT OF TRANSPORTATION
BRIDGE MANAGEMENT SYSTEM
Inspection/CIDR/Bridge Profile Report
Inspection

Structure ID: 884039

DISTRICT: D4 - Ft. Lauderdale **INSPECTION DATE: 10/29/2019 MYLK**

Photo 228-S01 (Unit 0: Timber Pile)

Decaying area in the north quadrant at Pile 2-3 at the groundline.

REPAIR RECOMMENDATION:
None.

FLORIDA DEPARTMENT OF TRANSPORTATION
BRIDGE MANAGEMENT SYSTEM
Inspection/CIDR/Bridge Profile Report
Inspection

Structure ID: 884039

DISTRICT: D4 - Ft. Lauderdale **INSPECTION DATE: 10/29/2019 MYLK**

Photo 228-S02 (Unit 0: Timber Pile)

Splintered area in the east quadrant at Pile 2-4 at the cap.

REPAIR RECOMMENDATION:
None.

FLORIDA DEPARTMENT OF TRANSPORTATION
BRIDGE MANAGEMENT SYSTEM
Inspection/CIDR/Bridge Profile Report
Inspection

Structure ID: 884039

DISTRICT: D4 - Ft. Lauderdale **INSPECTION DATE: 10/29/2019 MYLK**

Photo 234-S01 (Unit 0: Re Conc Pier Cap)

Delamination in the west face of the cap at Bent 3 adjacent to Pile 3-3.

REPAIR RECOMMENDATION:
None.

FLORIDA DEPARTMENT OF TRANSPORTATION
BRIDGE MANAGEMENT SYSTEM
Inspection/CIDR/Bridge Profile Report
Inspection

Structure ID: 884039

DISTRICT: D4 - Ft. Lauderdale **INSPECTION DATE: 10/29/2019 MYLK**

Photo 235-S01 (Unit 0: Timber Pier Cap)

Weathering splits in the timber extension board at the cap at Bent 2 at Pile 2-3.

REPAIR RECOMMENDATION:
None.

FLORIDA DEPARTMENT OF TRANSPORTATION
BRIDGE MANAGEMENT SYSTEM
Inspection/CIDR/Bridge Profile Report
Inspection

Structure ID: 884039

DISTRICT: D4 - Ft. Lauderdale **INSPECTION DATE: 10/29/2019 MYLK**

Photo 8298-S01 (Unit 0: Pile Jacket Bare)

Spall and delamination with exposed corroded steel in the north quadrant at Pile Jacket 3-3.

REPAIR RECOMMENDATION:
Repair spall and delamination in the north quadrant at Pile Jacket 3-3.

FLORIDA DEPARTMENT OF TRANSPORTATION
BRIDGE MANAGEMENT SYSTEM
Inspection/CIDR/Bridge Profile Report
Inspection

Structure ID: 884039

DISTRICT: D4 - Ft. Lauderdale **INSPECTION DATE: 10/29/2019 MYLK**

Photo 8298-S02 (Unit 0: Pile Jacket Bare)

Vertical crack in the east quadrant of Pile Jacket 3-4.

REPAIR RECOMMENDATION:
None.

FLORIDA DEPARTMENT OF TRANSPORTATION
BRIDGE MANAGEMENT SYSTEM
Inspection/CIDR/Bridge Profile Report
Inspection

Structure ID: 884039

DISTRICT: D4 - Ft. Lauderdale **INSPECTION DATE: 10/29/2019 MYLK**

Photo 333-S01 (Unit 0: Other Bridge Railing)

Spall in the west face of Post 1-2 right.

REPAIR RECOMMENDATION:
Repair spalls in Posts 1-2 2-1 and 3-1 right.

FLORIDA DEPARTMENT OF TRANSPORTATION
BRIDGE MANAGEMENT SYSTEM
Inspection/CIDR/Bridge Profile Report
Inspection

Structure ID: 884039

DISTRICT: D4 - Ft. Lauderdale **INSPECTION DATE: 10/29/2019 MYLK**

Photo 333-S02 (Unit 0: Other Bridge Railing)

Fractured area at the timber railing between Post 1-1 and 1-2 right.

REPAIR RECOMMENDATION:
Repair fractured area at the timber railing between Posts 1-1 and 1-2 right.

FLORIDA DEPARTMENT OF TRANSPORTATION
BRIDGE MANAGEMENT SYSTEM
Inspection/CIDR/Bridge Profile Report
Inspection

Structure ID: 884039

DISTRICT: D4 - Ft. Lauderdale **INSPECTION DATE: 10/29/2019 MYLK**

Photo 333-S03 (Unit 0: Other Bridge Railing)

No guardrail system provided at south approach.

REPAIR RECOMMENDATION:
Install approach guardrails at all four corners pf the bridge.

FLORIDA DEPARTMENT OF TRANSPORTATION
BRIDGE MANAGEMENT SYSTEM
Inspection/CIDR/Bridge Profile Report
Inspection

Structure ID: 884039

DISTRICT: D4 - Ft. Lauderdale **INSPECTION DATE: 10/29/2019 MYLK**

NORTH CHANNEL

FLORIDA DEPARTMENT OF TRANSPORTATION
BRIDGE MANAGEMENT SYSTEM
Inspection/CIDR/Bridge Profile Report
Inspection

Structure ID: 884039

DISTRICT: D4 - Ft. Lauderdale **INSPECTION DATE: 10/29/2019 MYLK**

SOUTH CHANNEL

FLORIDA DEPARTMENT OF TRANSPORTATION
BRIDGE MANAGEMENT SYSTEM
Inspection/CIDR/Bridge Profile Report

REPORT ID: INSP005 | **CIDR** | **DATE PRINTED: 12/12/2019**

Structure ID: 884039

Description

Structure Unit Identification

Bridge/Unit Key: 884039 0
Structure Name:
Description: MAIN SPAN 1
Type: M - Main

Roadway Identification

NBI Structure No (8): 884039
Position/Prefix (5): 1 - Route On Structure
Kind Hwy (Rte Prefix): 4 County Hwy
Design Level of Service: 1 Mainline
Route Number/Suffix: 00508 / 0 N/A (NBI)
Feature Intersect (6): LATERAL A CANAL
Critical Facility: Not Defense-crit
Facility Carried (7): CR-508 (69TH ST.)
Mile Point (11): 1.988
Latitude (16): 027d43'09.2" Long (17): 080d27'42.8"

Roadway Traffic and Accidents

Lanes (28): 2 Medians: 0 Speed: 45 mph
ADT Class: 2 ADT Class 2
Recent ADT (29): 950 Year (30): 2019
Future ADT (114): 1647 Year (115): 2041
Truck % ADT (109): 4
Detour Length (19): 2.0 mi
Detour Speed: 45 mph
Accident Count: -1 Rate:

Roadway Classification

Nat. Hwy Sys (104): 0 Not on NHS
National base Net (12): 0 - Not on Base Network
LRS Inventory Rte (13a): 88 000 002 Sub Rte (13b): 00
Functional Class (26): 07 Rural Mjr Collector
Federal Aid System: ON
Defense Hwy (100): 0 Not a STRAHNET hwy
Direction of Traffic (102): 2 2-way traffic
Emergency: ☐

Roadway Clearances

Vertical (10): 99.99 ft Appr. Road (32): 19.5 ft
Horiz. (47): 24 ft Roadway (51): 24 ft
Truck Network (110): 0 Not part of natl netwo
Toll Facility (20): 3 On free road
Fed. Lands Hwy (105): 0 N/A (NBI)
School Bus Route: ☐
Transit Route: ☐

NBI Project Data

Proposed Work (075A): Not Applicable (P)
Work To Be Done By (075B): Not Applicable (P)
Improvement Length (076): 0 ft

Improvement Cost (094): $ 0.00
Roadway Improvement Cost (095): $ 0.00
Total Cost (096): $ 0.00
Year of Estimate (097):

NBI Rating

Channel (61): 7 Minor Damage
Deck (58): 5 Fair
Superstructure (59): 5 Fair
Substructure (60): 5 Fair

Culvert (62): N N/A (NBI)
Waterway (71): 7 Above Minimum
Unrepaired Spalls: -1 sq.ft.
Review Required: ☒

FLORIDA DEPARTMENT OF TRANSPORTATION
BRIDGE MANAGEMENT SYSTEM
Inspection/CIDR/Bridge Profile Report

REPORT ID: INSP005 | **CIDR** | **DATE PRINTED: 12/12/2019**

Structure ID: 884039

Structure Identification

Admin Area: Indian River County
District (2): D4 - Ft. Lauderdale
County (3): (88)Indian River
Place Code (4): Vero Beach
Location (9): CR-615 (66TH AVE.)
Border Br St/Reg (98): Not Applicable (P) Share: 0 %
Border Struct No (99):
FIPS State/Region (1): 12 Florida Region 4-Atlanta
NBIS Bridge Len (112): Y - Meets NBI Length

Parallel Structure (101): No || bridge exists
Temp. Structure (103): Not Applicable (P)
Maint. Resp. (21): 2 County Hwy Agency
Owner (22): 2 County Hwy Agency
Historic Signif. (37): 5 Not eligible for NRHP

Geometrics

Spans in Main Unit (45): 3
Approach Spans (46): 0
Length of Max Span (48): 15 ft
Structure Length (49): 45 ft
Total Length: 45 ft
Deck Area: 1139 sqft
Structure Flared (35): 0 No flare

Age and Service

Year Built (27): 1961
Year Reconstructed (106): 0
Type of Service On (42a): 1 Highway
Under (42b): 5 Waterway
Fracture Critical Details: Not Applicable

Structure Type and Material

Curb/Sidewalk (50): Left: 0.6 ft Right: 0.6 ft
Bridge Median (33): 0 No median
Main Span Material (43A): 1 Reinforced Concrete
Appr Span Material (44A): Not Applicable
Main Span Design (43B): 01 Slab
Appr Span Design (44B): Not Applicable

Deck Type and Material

Deck Width (52): 25.3 ft
Skew (34): 0 deg
Deck Type (107): 2 Concrete Precast Panel
Surface (108): 6 Bituminous
Membrane: 0 None
Deck Protection: None

Appraisal

Structure Appraisal

Open/Posted/Closed (41): P Posted for load
Deck Geometry (68): 4 Tolerable
Underclearances (69): N Not applicable (NBI)
Approach Alignment (72): 8-No Speed Red thru Curv
Bridge Railings (36a): 0 Substandard
Transitions (36b): 0 Substandard

Approach Guardrail (36c): 0 Substandard
Approach Guardrail Ends (36d): 0 Substandard
Scour Critical (113): 8 Stable Above Footing

Navigation Data

Navigation Control (38): Permit Not Required
Nav Vertical Clr (39): 0 ft
Nav Horizontal Clr (40): 0 ft
Min Vert Lift Clr (116): 0 ft
Pier Protection (111): Not Applicable (P)

NBI Condition Rating

Sufficiency Rating: 51.5
Health Index: 80.93
Structural Eval (67): 5 Above Min Tolerable
Deficiency: Not Deficient

Minimum Vertical Clearance

Over Structure (53): 99.99 ft
Under (reference) (54a): N Feature not hwy or RR
Under (54b): 0 ft

Minimum Lateral Underclearance

Reference (55a): N Feature not hwy or RR
Right Side (55b): 0 ft
Left Side (56): 0 ft

Schedule

Current Inspection

Inspection Date: 10/29/2019
Inspector: KNTCCMR - Michael Rivera
Bridge Group: C9S64
Alt. Bridge Group:
Primary Type: Regular NBI
Review Required: X

Next Inspection Date Scheduled

NBI: 10/29/2021
Element: 10/29/2020
Fracture Critical:
Underwater:
Other/Special: 10/29/2020
Inventory Photo Update Due: 10/29/2027

FLORIDA DEPARTMENT OF TRANSPORTATION
BRIDGE MANAGEMENT SYSTEM
Inspection/CIDR/Bridge Profile Report

REPORT ID: INSP005
Structure ID: 884039
CIDR
DATE PRINTED: 12/12/2019

Schedule Cont.

Inspection Types Performed NBI [X] Element [X] Fracture Critical [ ] Underwater [ ] Other Special [X]

Inspection Intervals	Required (92)	Frequency (92)		Last Date (93)		Inspection Resources	
Fracture Critical	[ ]		mos			Crew Hours:	8
Underwater	[ ]		mos			Flagger Hours:	0
Other Special	[X]	12	mos	10/29/2019		Helper Hours:	0
NBI		24	mos (91)	10/29/2019	(90)	Snooper Hours:	0
						Special Crew Hours:	0
						Special Equip Hours:	0

Bridge Related

General Bridge Information

Parallel Bridge Seq:
Channel Depth: 1 ft
Radio Frequency: -1
Phone Number:
Exception Date:
Exception Type: Unknown
Accepted By Maint: 01/01/1961
Warranty Expiration: 00/00/0000
Performance Rating: Fair

Bridge Rail 1: Combination not defined
Bridge Rail 2: Not applicable-No rail
Electrical Devices: No electric service
Culvert Type: Not applicable
Maintenance Yard: Not FDOT Maintained
FIHS ON / OFF: No Routes on FIHS
Previous Structure:
2nd Previous Structure:
Replacement Structure:

Permitted Utilities: Power [ ] Water [ ] Gas [ ] Fiber Optic [ ] Sewage [ ] Other [ ]

Bridge Load Rating Information

Inventory Type (065): 1 LF Load Factor
Operating Type (063): 1 LF Load Factor
Original Design Load (031): 0 Unknown
Date: 04/13/2015
Initials: SLC
Load Rating Rev. Recom.:
Load Rating Plans Status: Field Measurements

Inventory Rating (066): 20.8 tons
Operating Rating (064): 34.6 tons
FL120 Permit Rating: -1.0 tons
HS20/FL120 Max Span Rating: 34.6 tons
Dynamic Impact in Percent: 30 %
Governing Span Length: 14.8 ft
Minimum Span Length:
Distribution Method: AASHTO formula

Load Rating Notes:

LEGAL LOADS

SU2: 23.8 tons
SU3: 31.7 tons
SU4: 33.6 tons
C3: 39.2 tons
C4: 35.3 tons
C5: 42.4 tons
ST5: 47.0 tons
Posting (070): 4 0.1-9.9%below
Open/Posted/Closed (041): P Posted for load

POSTING

Recom. SU Posting: 31 tons
Recom. C Posting: 35 tons
Recom. ST5 Posting: 99 tons
Actual SU Posting: 99 tons
Actual C Posting: 99 tons
Actual ST5 Posting: 99 tons
Actual Blanket Posting: 30 tons
Emergency Vehicle: 1 EV inapplicable

FLOOR BEAM (FB) FB Present: No

FB Span Length, Gov: 0.0 ft
FB Spacing, Gov: 0.0 ft
FB OPR Rating: 0.0 tons
FB SU4 OPR Rating: 0.0 tons
FB FL120 Rating: 0.0 tons

SEGMENTAL (SEG)

SEG Wing-Span: -1.0 ft
SEG Web-to-Web Span: -1.0 ft
SEG Transverse HL93 Operating: -1.00 RF

Bridge Scour and Storm Information

Pile Driving Record: Unknown
Foundation Type: Unknown
Mode of Flow: Riverine
Rating Scour Eval: Low Risk - Low
Highest Scour Eval: Phase I completed
Scour Evaluation Method: Unknown – Eval Not Comp

Scour Recommended I: Stop scour evaluations
Scour Recommended II: No recommendation
Scour Recommended III: No recommendation
Scour Elevation: 999 ft
Action Elevation: 999 ft
Storm Frequency: 999

FLORIDA DEPARTMENT OF TRANSPORTATION
BRIDGE MANAGEMENT SYSTEM
Inspection/CIDR/Bridge Profile Report

REPORT ID: INSP005
Structure ID: 884039
CIDR
DATE PRINTED: 12/12/2019

Elements

Inspection Date: 10/29/2019 **MYLK**

DECKS : Decks/Slabs

Str Unit	Elem/Env	Description	Qty1	%1	Qty2	%2	Qty3	%3	Qty4	%4	T Qty
0	38 / 3	Re Concrete Slab	1065	93.5	60	5.27	14	1.23	0	.	1139 sq.ft
0	1080 / 3	Delamination/Spall/Patched Area	0	.	60	84.51	11	15.49	0	.	71 sq.ft
0	1090 / 3	Exposed Rebar	0	.	0	.	3	100	0	.	3 sq.ft
0	510 / 3	Wearing Surfaces	1080	100	0	.	0	.	0	.	1080 sq.ft

MISCELLANEOUS : Channel

Str Unit	Elem/Env	Description	Qty1	%1	Qty2	%2	Qty3	%3	Qty4	%4	T Qty
0	8290 / 3	Channel	0	.	1	100	0	.	0	.	1 (EA)
0	9150 / 3	Bank Erosion	0	.	1	100	0	.	0	.	1 (EA)

MISCELLANEOUS : Other Elements

Str Unit	Elem/Env	Description	Qty1	%1	Qty2	%2	Qty3	%3	Qty4	%4	T Qty
0	8476 / 3	Timber Walls	54	87.1	8	12.9	0	.	0	.	62 ft
0	1020 / 3	Connection	0	.	8	100	0	.	0	.	8 ft

SUBSTRUCTURE : Substructure

Str Unit	Elem/Env	Description	Qty1	%1	Qty2	%2	Qty3	%3	Qty4	%4	T Qty
0	215 / 3	Re Conc Abutment	52	100	0	.	0	.	0	.	52 ft

SUBSTRUCTURE : Substructure

Str Unit	Elem/Env	Description	Qty1	%1	Qty2	%2	Qty3	%3	Qty4	%4	T Qty
0	228 / 3	Timber Pile	0	.	0	.	7	70	3	30	10 (EA)
0	1140 / 3	Decay/Section Loss	0	.	0	.	2	100	0	.	2 (EA)
0	1170 / 3	Split/Delamination (Timber)	0	.	0	.	5	100	0	.	5 (EA)

SUBSTRUCTURE : Substructure

Str Unit	Elem/Env	Description	Qty1	%1	Qty2	%2	Qty3	%3	Qty4	%4	T Qty
0	234 / 3	Re Conc Pier Cap	50	96.15	2	3.85	0	.	0	.	52 ft
0	1080 / 3	Delamination/Spall/Patched Area	0	.	2	100	0	.	0	.	2 ft

SUBSTRUCTURE : Substructure

Str Unit	Elem/Env	Description	Qty1	%1	Qty2	%2	Qty3	%3	Qty4	%4	T Qty
0	235 / 3	Timber Pier Cap	52	100	0	.	0	.	0	.	52 ft

SUBSTRUCTURE : Substructure

Str Unit	Elem/Env	Description	Qty1	%1	Qty2	%2	Qty3	%3	Qty4	%4	T Qty
0	8298 / 3	Pile Jacket Bare	1	33.33	1	33.33	1	33.33	0	.	3 (EA)
0	1080 / 3	Delamination/Spall/Patched Area	0	.	0	.	1	100	0	.	1 (EA)
0	1130 / 3	Cracking (RC and Other)	0	.	1	100	0	.	0	.	1 (EA)

SUPERSTRUCTURE : Superstructure

Str Unit	Elem/Env	Description	Qty1	%1	Qty2	%2	Qty3	%3	Qty4	%4	T Qty
0	333 / 3	Other Bridge Railing	69	90.79	4	5.26	3	3.95	0	.	76 ft
0	1080 / 3	Delamination/Spall/Patched Area	0	.	0	.	3	100	0	.	3 ft
0	1220 / 3	Deterioration (Other)	0	.	4	100	0	.	0	.	4 ft

FLORIDA DEPARTMENT OF TRANSPORTATION
BRIDGE MANAGEMENT SYSTEM
Inspection/CIDR/Bridge Profile Report
CIDR

REPORT ID: INSP005
Structure ID: 884039
DATE PRINTED: 12/12/2019

Total Number of Elements*: 9
*excluding defects/protective systems

Inspection Information

Inspection Date: 10/29/2019 **Type:** Regular NBI

Inspector: KNTCCMR - Michael Rivera

Inspection Notes: Sufficiency Rating Calculation Accepted by KNTCCRP at 12/12/2019 08:30:00 AM

TRAFFIC RESTRICTIONS: This structure currently requires weight restriction posting as per the results of the most recent load analysis dated 04/13/2015. Posting is required for the SU and C type vehicles at or below the Operating ratings as follows: SU = 31 tons and C = 35 tons. The bridge is blanket posted for 30 Tons. Our inspection did not reveal significant deterioration to suggest the need for a new load rating analysis.

LOAD CAPACITY EVALUATION:
Since the current load rating dated 04/13/2015, there is no indication that deterioration, geometric changes or additional dead load have occurred that would warrant a new load rating analysis. This only applies to this inspection dated 10/29/2019 per R. Wayne McLennon, P.E..

Structure Notes

BRIDGE OWNER: INDIAN RIVER COUNTY

Structure inventoried from west to east.

Asphalt thickness = 2in.

This structure is on a 12 month inspection frequency due to CID Item 70, Bridge Posting, being coded a 4 or less. Element 38 Re Concrete Slab is the controlling element.

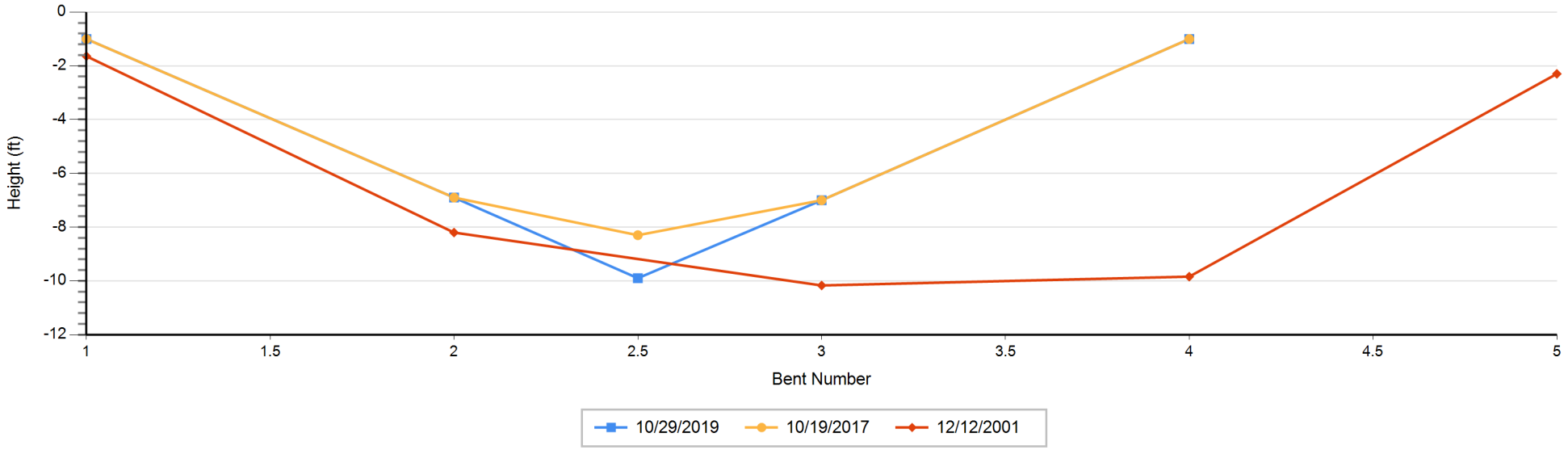
The inventory photos were last updated on 10/19/2017.

Schedule Notes

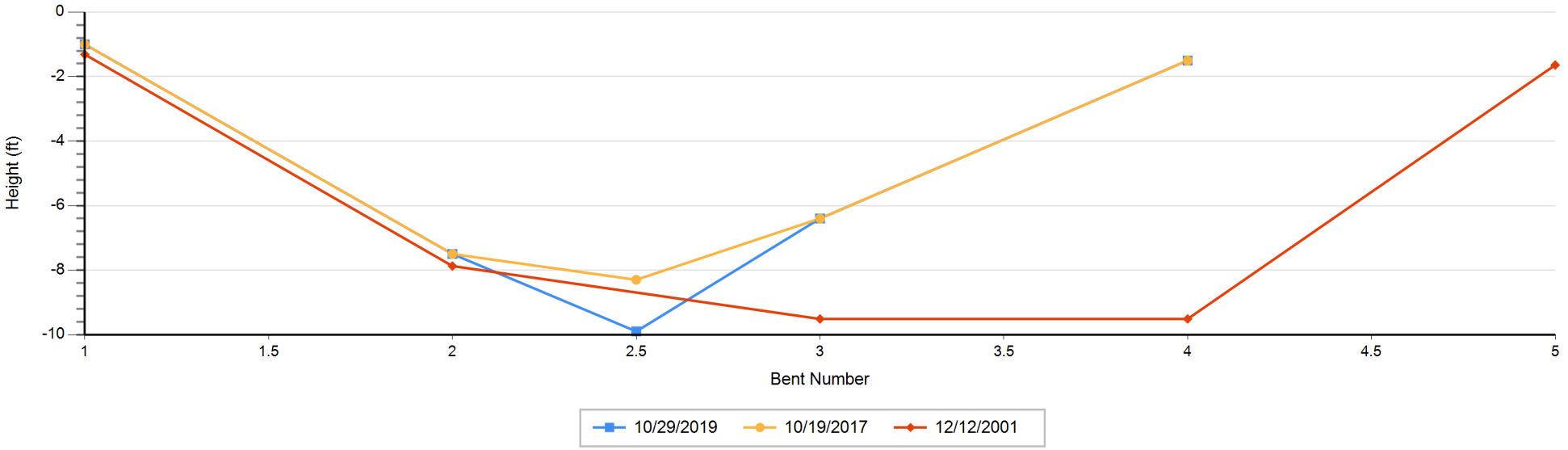
FLORIDA DEPARTMENT OF TRANSPORTATION BRIDGE MANAGEMENT SYSTEM
Inspection/CIDR/Bridge Profile Report
Bridge Profile

DATE PRINTED: 12/12/2019 4:02:21 PM

Left Profile by Inspection



Right Profile by Inspection



FLORIDA DEPARTMENT OF TRANSPORTATION BRIDGE MANAGEMENT SYSTEM
Inspection/CIDR/Bridge Profile Report
Bridge Profile

DATE PRINTED: 12/12/2019 4:02:21 PM

Profile Data - Numerical Summary

Inspection Date and Key: 10/29/2019 MYLK

Bent #	Left Height	Right Height
1	1.00	1.00
2	6.90	7.50
2.5	9.90	9.90
3	7.00	6.40
4	1.00	1.50

(All Heights are in Feet)

Air Temp: 80

Profile Notes:

Measurements were referenced from the top of the curb.
Waterline at Bent 2.5: Left and Right = 8.9ft.

Inspection Date and Key: 10/19/2017 SZYJ

Bent #	Left Height	Right Height
1	1.00	1.00
2	6.90	7.50
2.5	8.30	8.30
3	7.00	6.40
4	1.00	1.50

Air Temp: 86

Profile Notes:

Measurements were referenced from the top of the curb.
Waterline at Bent 3: Left and Right = 8.9ft.

REPORT ID : INSP005
Structure ID : 884039

FLORIDA DEPARTMENT OF TRANSPORTATION BRIDGE MANAGEMENT SYSTEM
Inspection/CIDR/Bridge Profile Report
Bridge Profile

DATE PRINTED: 12/12/2019 4:02:21 PM

Profile Data - Numerical Summary

Inspection Date and Key: 12/12/2001 ZHER

Bent #	Left Height	Right Height
1	1.64	1.31
2	8.20	7.87
3	10.17	9.51
4	9.84	9.51
5	2.30	1.64

(All Heights are in Feet)

Air Temp:

Profile Notes:

Measurements taken from top of bridge rail