

**FLORIDA DEPARTMENT OF TRANSPORTATION
BRIDGE MANAGEMENT SYSTEM
Inspection/CIDR Report with PDF attachment(s)
Inspection**

Structure ID: 030145

DISTRICT: D1 - Bartow

INSPECTION DATE: 3/27/2019 MYDL

BY: Volkert	STRUCTURE NAME: US41NB/FAKA UNION CANAL
OWNER: 1 State Highway Agency	YEAR BUILT: 1969
MAINTAINED BY: 1 State Highway Agency	SECTION NO.: 03 010 000
STRUCTURE TYPE: 5 Prestressed Concrete - 02 Stringer/Girder	MP: 34.229
LOCATION: 13.7 MILES SE OF SR-951	ROUTE: 00041
SERV. TYPE ON: 1 Highway	FACILITY CARRIED: US-41 NB
SERV. TYPE UNDER: 5 Waterway	FEATURE INTERSECTED: FAKA UNION CANAL

 FUNCTIONALLY OBSOLETE STRUCTURALLY DEFICIENT

TYPE OF INSPECTION: Regular NBI

DATE FIELD INSPECTION WAS PERFORMED: ABOVE WATER: 3/27/2019 UNDERWATER: 2/12/2019

Attachment C

SUFFICIENCY RATING:	99.9
HEALTH INDEX:	95.81

**FLORIDA DEPARTMENT OF TRANSPORTATION
BRIDGE MANAGEMENT SYSTEM
Inspection/CIDR Report with PDF attachment(s)
Inspection**

Structure ID: 030145

DISTRICT: D1 - Bartow

INSPECTION DATE: 3/27/2019 MYDL

BY: Volkert	STRUCTURE NAME: US41NB/FAKA UNION CANAL
OWNER: 1 State Highway Agency	YEAR BUILT: 1969
MAINTAINED BY: 1 State Highway Agency	SECTION NO.: 03 010 000
STRUCTURE TYPE: 5 Prestressed Concrete - 02 Stringer/Girder	MP: 34.229
LOCATION: 13.7 MILES SE OF SR-951	ROUTE: 00041
SERV. TYPE ON: 1 Highway	FACILITY CARRIED: US-41 NB
SERV. TYPE UNDER: 5 Waterway	FEATURE INTERSECTED: FAKA UNION 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: 3/27/2019 UNDERWATER: 2/12/2019

OVERALL NBI RATINGS:

DECK: 7 Good	CHANNEL: 6 Bank Slumping
SUPERSTRUCTURE: 7 Good	CULVERT: N N/A (NBI)
SUBSTRUCTURE: 7 Good	SUFF. RATING: 99.9
PERF. RATING: Good	HEALTH INDEX: 95.81

FIELD PERSONNEL / TITLE / NUMBER:

FIELD PERSONNEL / TITLE / NUMBER:	INITIALS
Coon, Elliott - Bridge Inspector (CBI #00530) (lead)	_____
Bibelhauser, Anthony - Bridge Inspector (CBI #00359)	_____
Coon, Elliott J. - CBI Diver-Inspector (CBI #00530) Lead	_____
Hoogland, Keith S. - CBI Diver-Inspector (CBI #00341)	_____
D'Amico, Joseph M - Assistant UW Bridge Inspector/Diver	_____

REVIEWING BRIDGE INSPECTION SUPERVISOR:

Rucks, Edward - CBI (#00273) _____

CONFIRMING REGISTERED PROFESSIONAL ENGINEER:

Appler, James - Professional Engineer (PE#76076) Volkert, Inc.
 1408 N. Westshore Blvd., Suite 600
 CERTIFICATE OF AUTHORIZATION NUMBER 4641
 Tampa FL 33607

SIGNATURE: _____
 DATE: _____

This report contains information relating to the physical security of a structure and depictions of the structure. This information is confidential and exempt from public inspection pursuant to sections 119.071(3)(a) and 119.071(3)(b), Florida Statutes. Only the cover page of this report may be inspected and copied.

**FLORIDA DEPARTMENT OF TRANSPORTATION
BRIDGE MANAGEMENT SYSTEM
Inspection/CIDR Report with PDF attachment(s)
Inspection**

Structure ID: 030145

DISTRICT: D1 - Bartow

INSPECTION DATE: 3/27/2019 MYDL

All Elements

DECKS : Decks/Slabs

Str Unit	Elem/Env	Description	Qty1	%1	Qty2	%2	Qty3	%3	Qty4	%4	T Qty
0	12 / 4	Re Concrete Deck	9206	99.99	1	0.01	0	.	0	.	9207 sq.ft
0	1080 / 4	Delamination/Spall/Patched Area	0	.	1	100	0	.	0	.	1 sq.ft

DECKS : Joints

Str Unit	Elem/Env	Description	Qty1	%1	Qty2	%2	Qty3	%3	Qty4	%4	T Qty
0	304 / 4	Open Expansion Joint	181	86.19	26	12.38	3	1.43	0	.	210 ft
0	2360 / 4	Adjacent Deck or Header	0	.	26	89.66	3	10.34	0	.	29 ft

MISCELLANEOUS : Channel

Str Unit	Elem/Env	Description	Qty1	%1	Qty2	%2	Qty3	%3	Qty4	%4	T Qty
0	8290 / 4	Channel	0	.	0	.	1	100	0	.	1 (EA)
0	9120 / 4	Degradation	0	.	0	.	1	100	0	.	1 (EA)

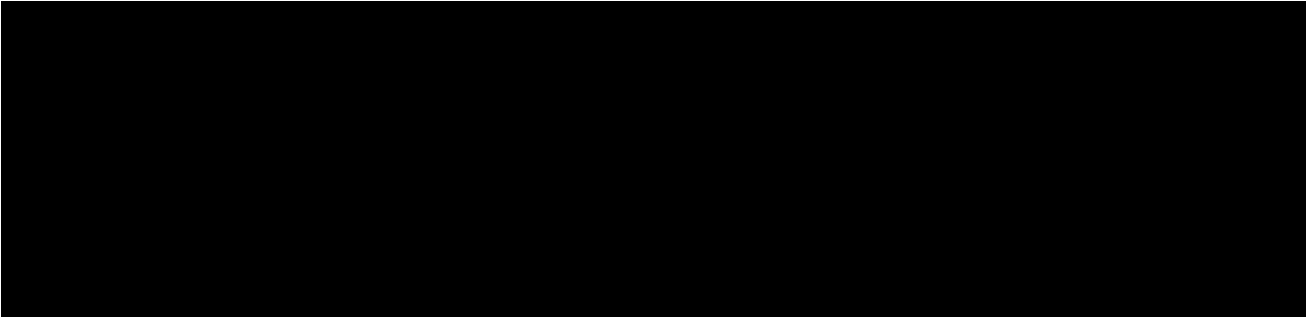
This report contains information relating to the physical security of a structure and depictions of the structure. This information is confidential and exempt from public inspection pursuant to sections 119.071(3)(a) and 119.071(3)(b), Florida Statutes. Only the cover page of this report may be inspected and copied.

**FLORIDA DEPARTMENT OF TRANSPORTATION
BRIDGE MANAGEMENT SYSTEM
Inspection/CIDR Report with PDF attachment(s)
Inspection**

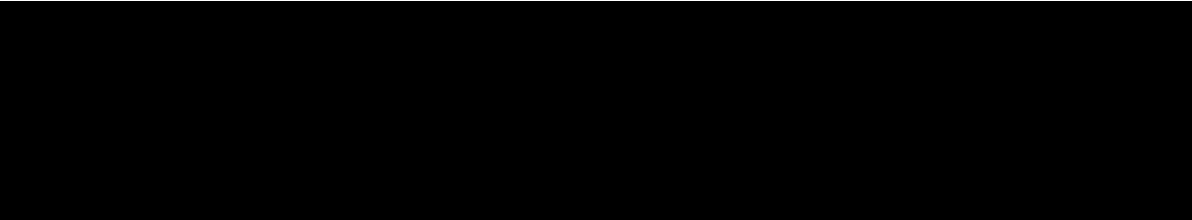
Structure ID: 030145

DISTRICT: D1 - Bartow

INSPECTION DATE: 3/27/2019 MYDL

**MISCELLANEOUS : Other Elements**

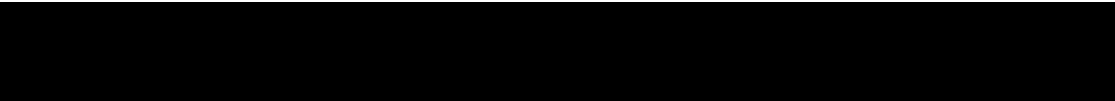
Str Unit	Elem/Env	Description	Qty1	%1	Qty2	%2	Qty3	%3	Qty4	%4	T Qty
0	321 / 4	Re Conc Approach Slab	1680	100	0	.	0	.	0	.	1680 sq.ft
0	510 / 4	Wearing Surfaces	1582	98.14	30	1.86	0	.	0	.	1612 sq.ft
0	3220 / 4	Crack (Wearing Surface)	0	.	30	100	0	.	0	.	30 sq.ft

**MISCELLANEOUS : Other Elements**

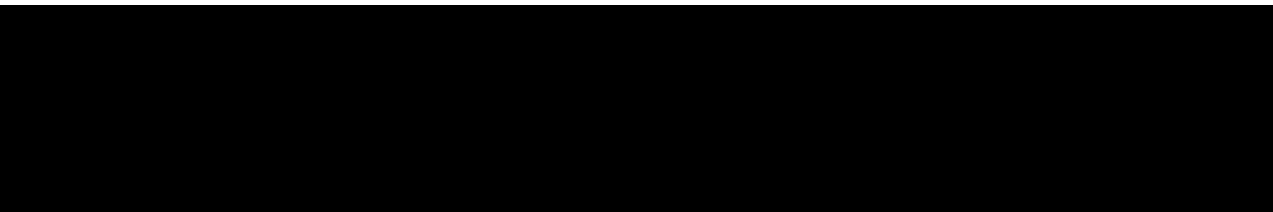
Str Unit	Elem/Env	Description	Qty1	%1	Qty2	%2	Qty3	%3	Qty4	%4	T Qty
0	8475 / 4	R/Conc Walls	30	100	0	.	0	.	0	.	30 ft

**SUBSTRUCTURE : Substructure**

Str Unit	Elem/Env	Description	Qty1	%1	Qty2	%2	Qty3	%3	Qty4	%4	T Qty
0	215 / 4	Re Conc Abutment	85	100	0	.	0	.	0	.	85 ft

**SUBSTRUCTURE : Substructure**

Str Unit	Elem/Env	Description	Qty1	%1	Qty2	%2	Qty3	%3	Qty4	%4	T Qty
0	226 / 4	Pre Conc Pile	17	94.44	0	.	1	5.56	0	.	18 (EA)
0	1080 / 4	Delamination/Spall/Patched Area	0	.	0	.	1	100	0	.	1 (EA)



This report contains information relating to the physical security of a structure and depictions of the structure. This information is confidential and exempt from public inspection pursuant to sections 119.071(3)(a) and 119.071(3)(b), Florida Statutes. Only the cover page of this report may be inspected and copied.

**FLORIDA DEPARTMENT OF TRANSPORTATION
BRIDGE MANAGEMENT SYSTEM
Inspection/CIDR Report with PDF attachment(s)
Inspection**

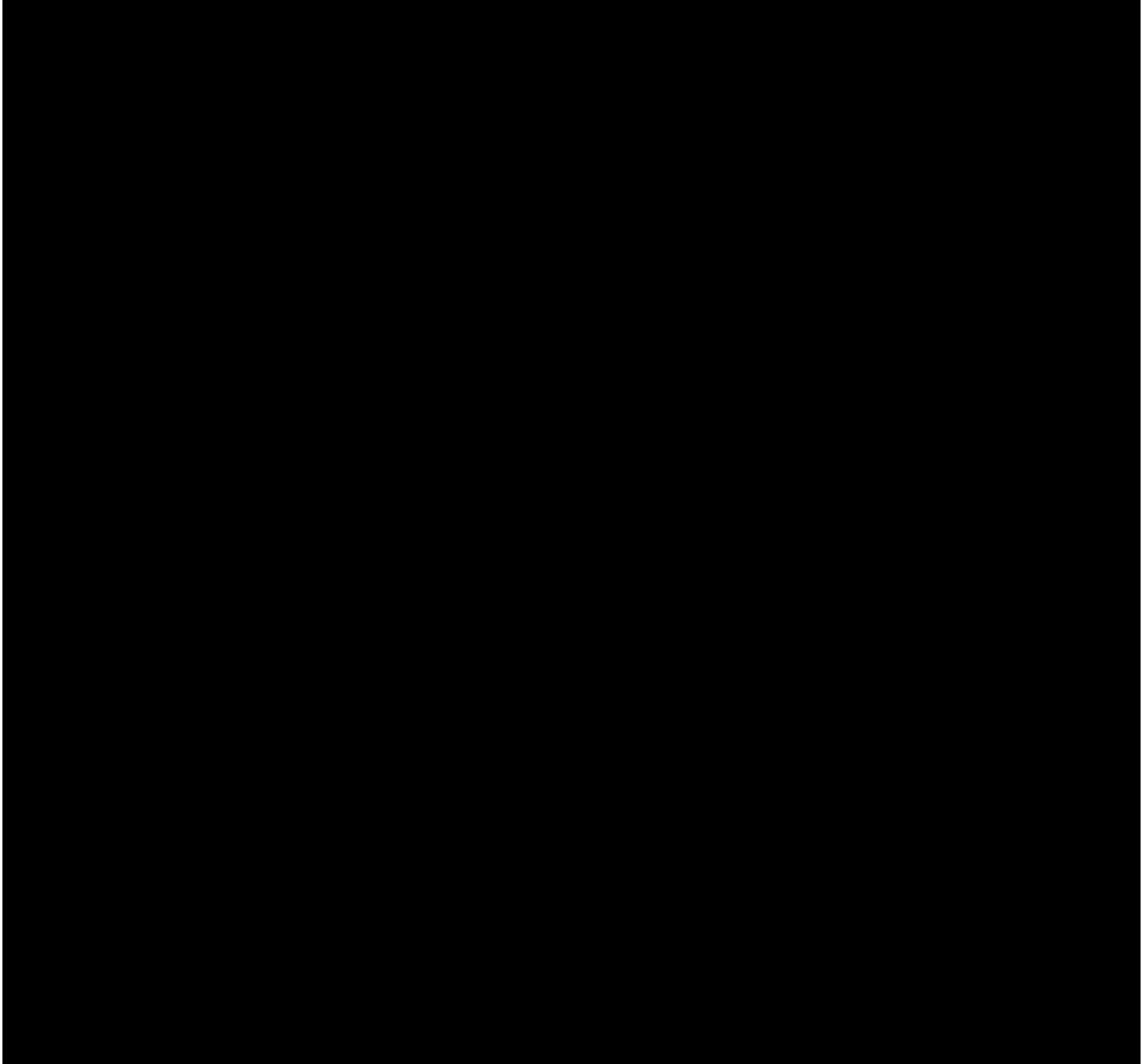
Structure ID: 030145

DISTRICT: D1 - Bartow

INSPECTION DATE: 3/27/2019 MYDL

SUBSTRUCTURE : Substructure

Str Unit	Elem/Env	Description	Qty1	%1	Qty2	%2	Qty3	%3	Qty4	%4	T Qty
0	234 / 4	Re Conc Pier Cap	108	86.4	7	5.6	10	8	0	.	125 ft
0	1080 / 4	Delamination/Spall/Patched Area	0	.	0	.	6	100	0	.	6 ft
0	1120 / 4	Efflorescence/Rust Staining	0	.	5	55.56	4	44.44	0	.	9 ft
0	1130 / 4	Cracking (RC and Other)	0	.	2	100	0	.	0	.	2 ft



This report contains information relating to the physical security of a structure and depictions of the structure. This information is confidential and exempt from public inspection pursuant to sections 119.071(3)(a) and 119.071(3)(b), Florida Statutes. Only the cover page of this report may be inspected and copied.

**FLORIDA DEPARTMENT OF TRANSPORTATION
BRIDGE MANAGEMENT SYSTEM
Inspection/CIDR Report with PDF attachment(s)
Inspection**

Structure ID: 030145

DISTRICT: D1 - Bartow

INSPECTION DATE: 3/27/2019 MYDL

SUBSTRUCTURE : Substructure

Str Unit	Elem/Env	Description	Qty1	%1	Qty2	%2	Qty3	%3	Qty4	%4	T Qty
0	8396 / 4	Other Abutment Slope Protection	4024	98.89	0	.	45	1.11	0	.	4069 (SF)
0	1080 / 4	Delamination/Spall/Patched Area	0	.	0	.	15	100	0	.	15 (SF)
0	6000 / 4	Scour	0	.	0	.	30	100	0	.	30 (SF)

SUPERSTRUCTURE : Bearings

Str Unit	Elem/Env	Description	Qty1	%1	Qty2	%2	Qty3	%3	Qty4	%4	T Qty
0	311 / 4	Moveable Bearing	27	67.5	11	27.5	2	5	0	.	40 each
0	1000 / 4	Corrosion	0	.	1	100	0	.	0	.	1 each
0	1020 / 4	Connection	0	.	10	83.33	2	16.67	0	.	12 each
0	8518 / 4	Galvanized Steel	39	97.5	0	.	1	2.5	0	.	40 sq.ft
0	3440 / 4	Eff (Stl Protect Coat)	0	.	0	.	1	100	0	.	1 sq.ft

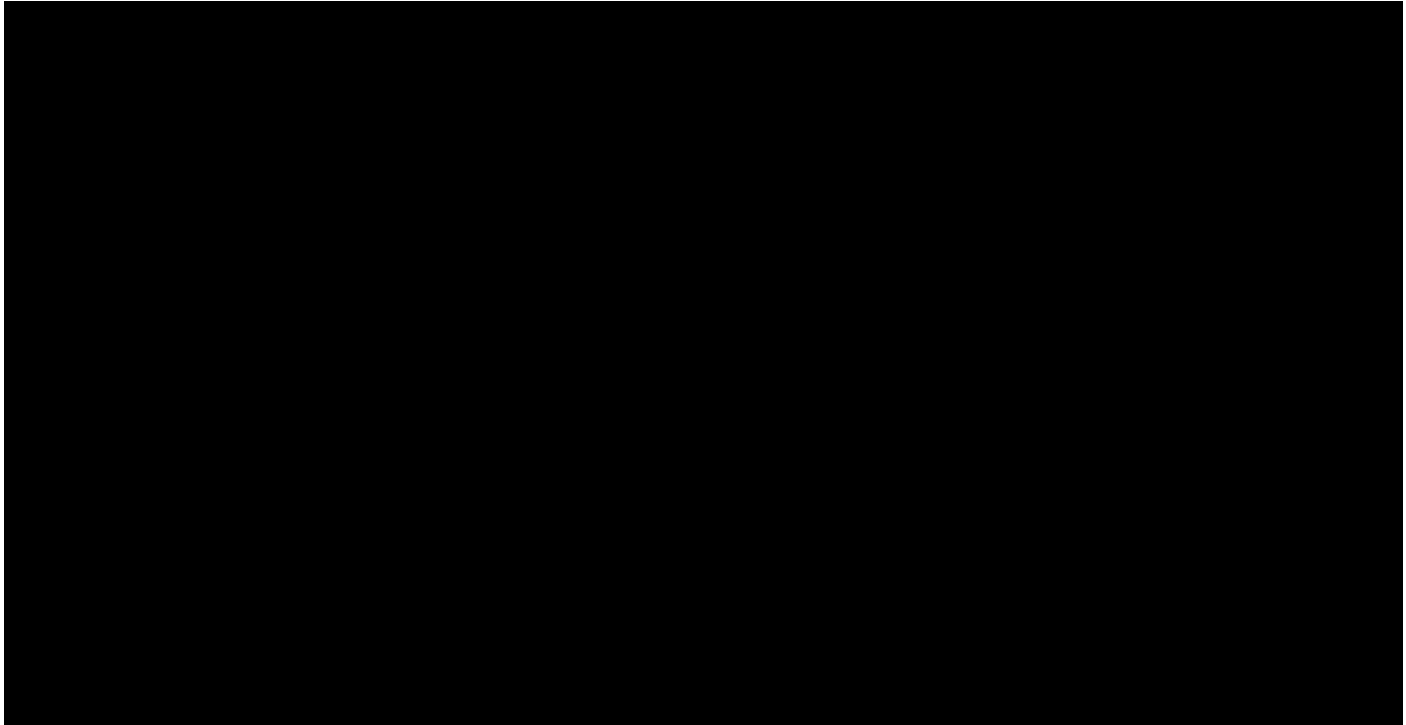
This report contains information relating to the physical security of a structure and depictions of the structure. This information is confidential and exempt from public inspection pursuant to sections 119.071(3)(a) and 119.071(3)(b), Florida Statutes. Only the cover page of this report may be inspected and copied.

**FLORIDA DEPARTMENT OF TRANSPORTATION
BRIDGE MANAGEMENT SYSTEM
Inspection/CIDR Report with PDF attachment(s)
Inspection**

Structure ID: 030145

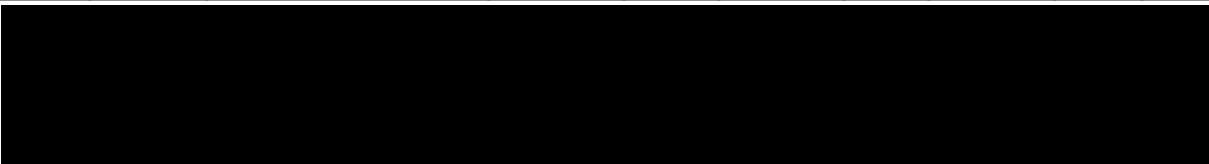
DISTRICT: D1 - Bartow

INSPECTION DATE: 3/27/2019 MYDL



SUPERSTRUCTURE : Superstructure

Str Unit	Elem/Env	Description	Qty1	%1	Qty2	%2	Qty3	%3	Qty4	%4	T Qty
0	109 / 4	Pre Opn Conc Girder/Beam	1094	99.82	0	.	2	0.18	0	.	1096 ft
0	1080 / 4	Delamination/Spall/Patched Area	0	.	0	.	2	100	0	.	2 ft



SUPERSTRUCTURE : Superstructure

Str Unit	Elem/Env	Description	Qty1	%1	Qty2	%2	Qty3	%3	Qty4	%4	T Qty
0	330 / 3	Metal Bridge Railing	440	100	0	.	0	.	0	.	440 ft
0	8518 / 3	Galvanized Steel	2200	100	0	.	0	.	0	.	2200 sq.ft



Total Number of Elements*: 12

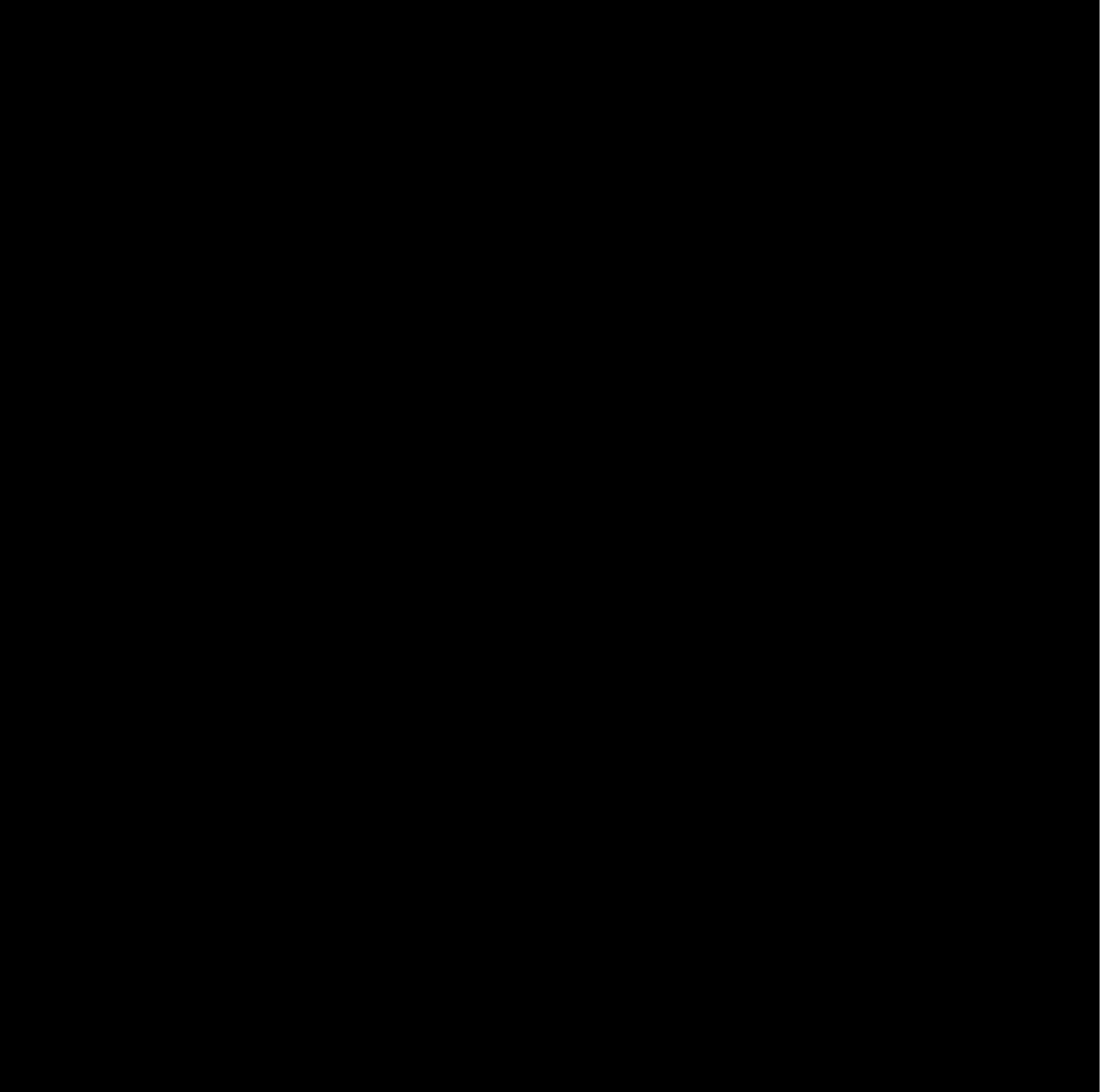
*excluding defects/protective systems

**FLORIDA DEPARTMENT OF TRANSPORTATION
BRIDGE MANAGEMENT SYSTEM
Inspection/CIDR Report with PDF attachment(s)
Inspection**

Structure ID: 030145

DISTRICT: D1 - Bartow

INSPECTION DATE: 3/27/2019 MYDL



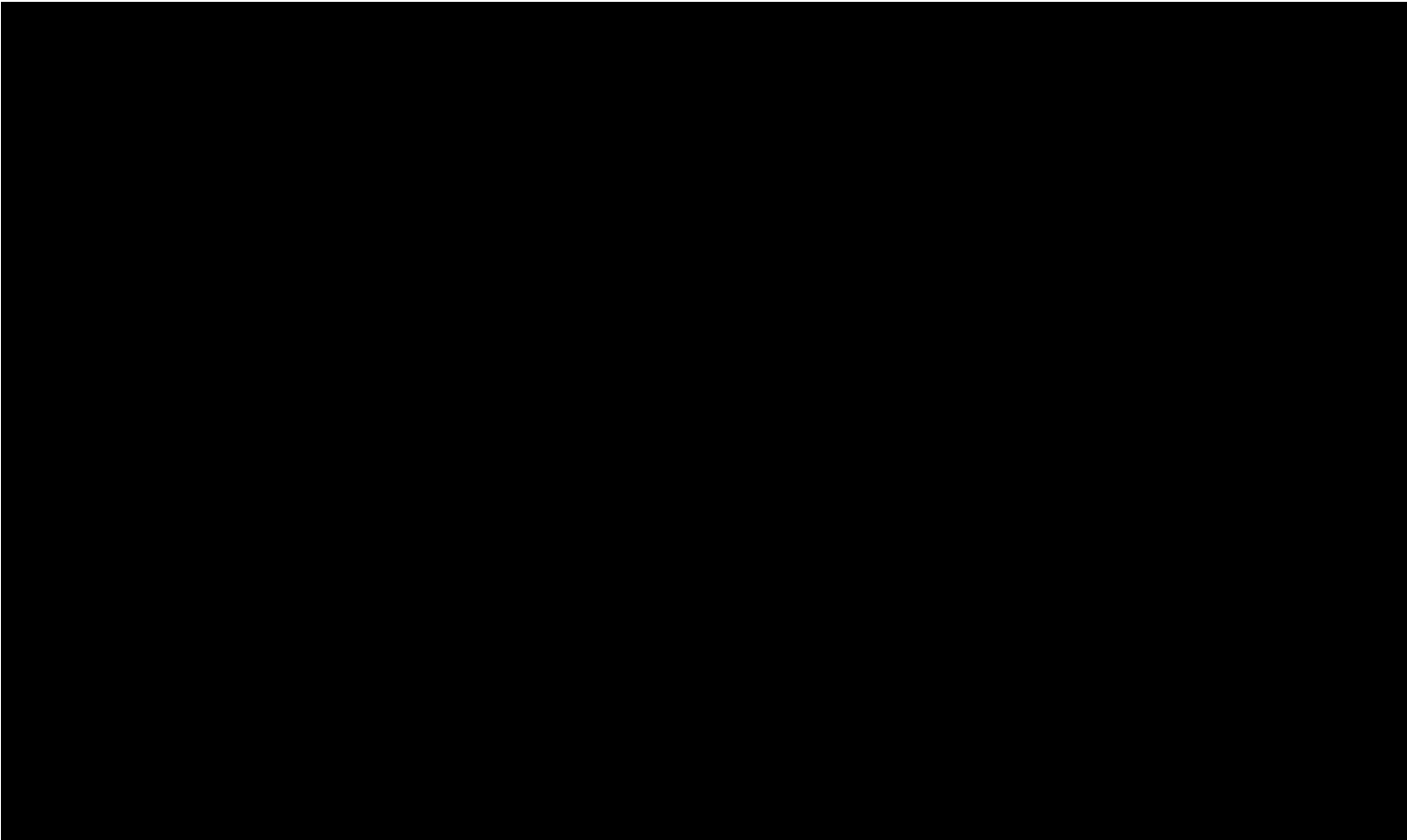
This report contains information relating to the physical security of a structure and depictions of the structure. This information is confidential and exempt from public inspection pursuant to sections 119.071(3)(a) and 119.071(3)(b), Florida Statutes. Only the cover page of this report may be inspected and copied.

**FLORIDA DEPARTMENT OF TRANSPORTATION
BRIDGE MANAGEMENT SYSTEM
Inspection/CIDR Report with PDF attachment(s)
Inspection**

Structure ID: 030145

DISTRICT: D1 - Bartow

INSPECTION DATE: 3/27/2019 MYDL



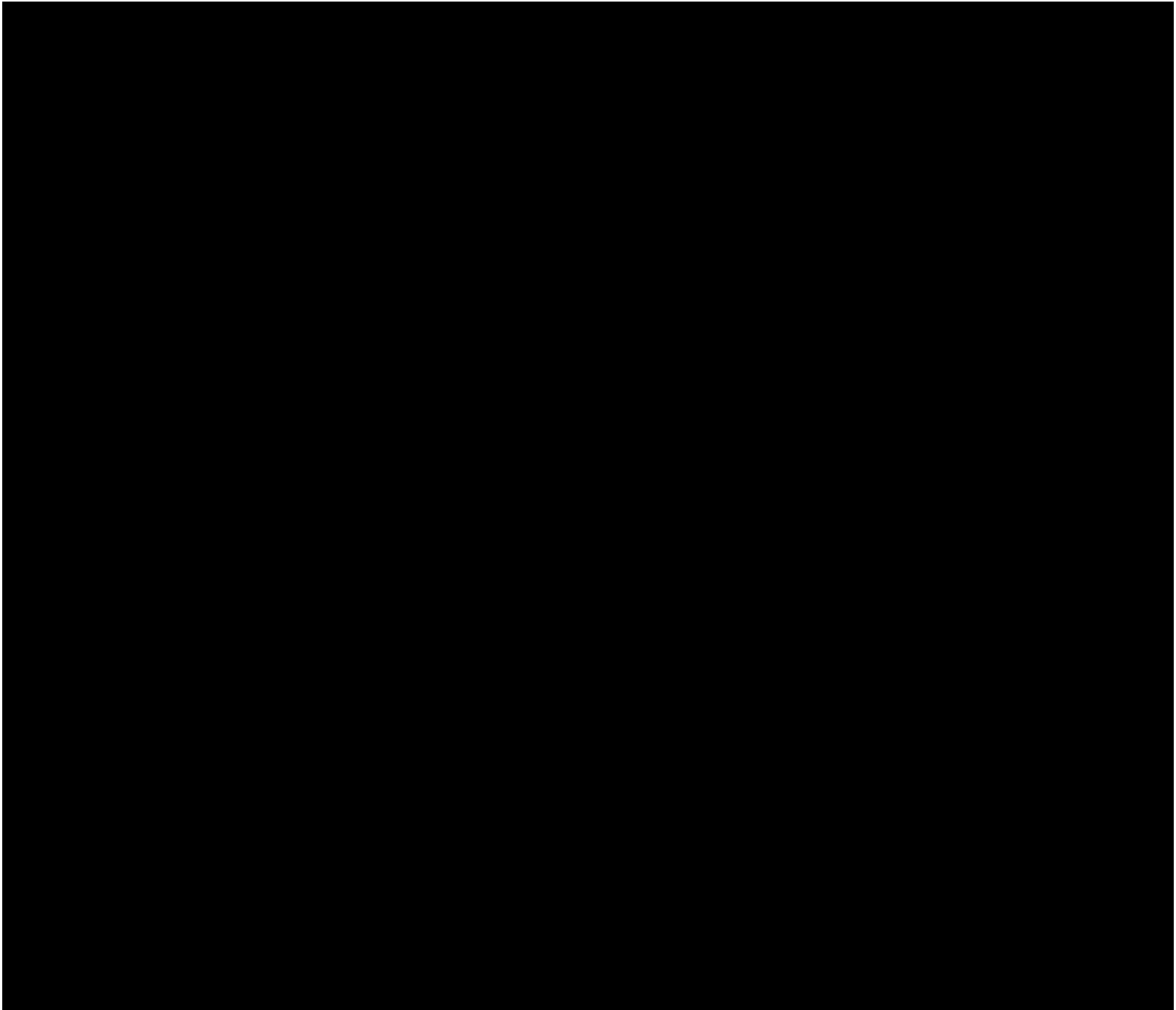
This report contains information relating to the physical security of a structure and depictions of the structure. This information is confidential and exempt from public inspection pursuant to sections 119.071(3)(a) and 119.071(3)(b), Florida Statutes. Only the cover page of this report may be inspected and copied.

**FLORIDA DEPARTMENT OF TRANSPORTATION
BRIDGE MANAGEMENT SYSTEM
Inspection/CIDR Report with PDF attachment(s)
Inspection**

Structure ID: 030145

DISTRICT: D1 - Bartow

INSPECTION DATE: 3/27/2019 MYDL



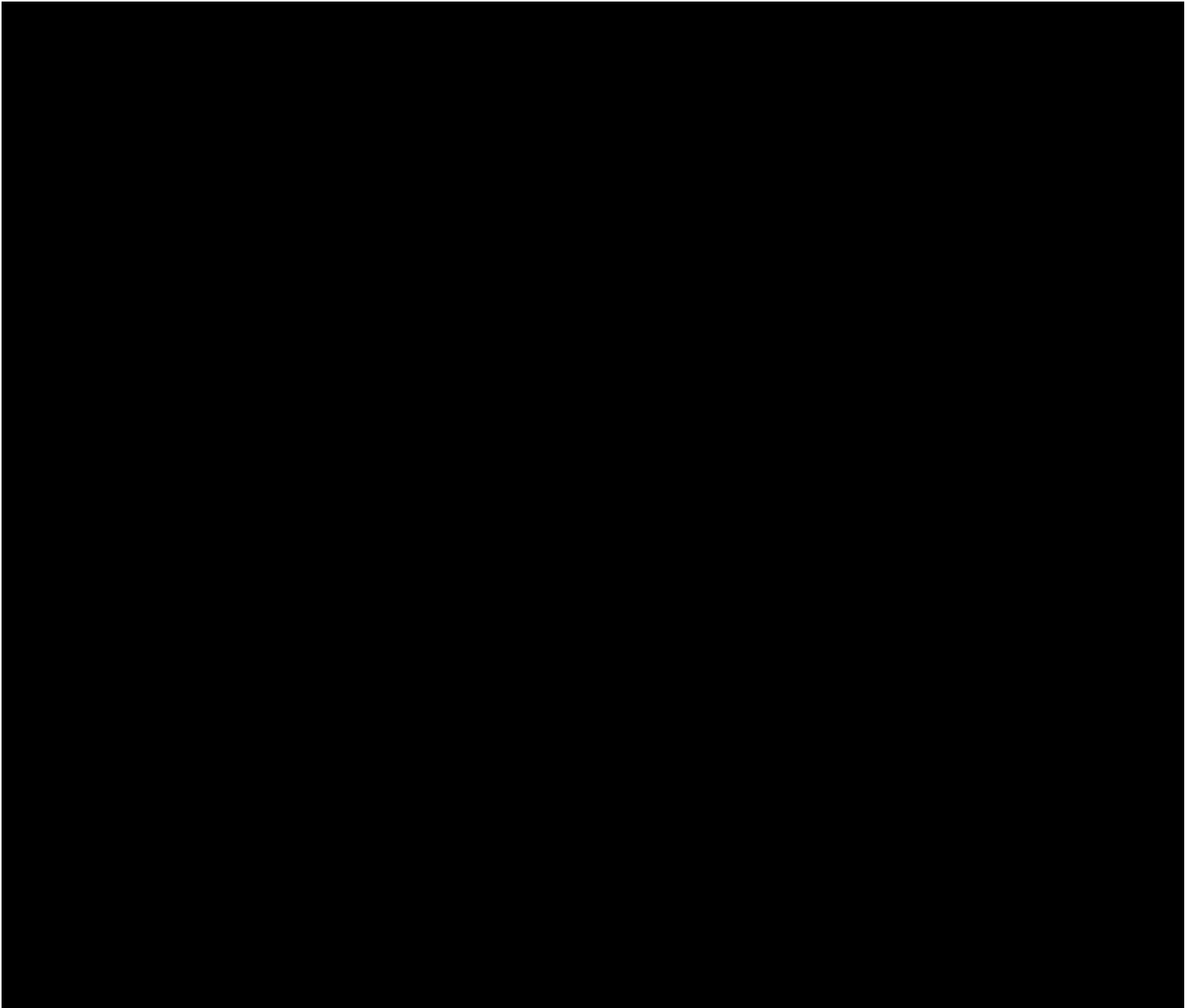
This report contains information relating to the physical security of a structure and depictions of the structure. This information is confidential and exempt from public inspection pursuant to sections 119.071(3)(a) and 119.071(3)(b), Florida Statutes. Only the cover page of this report may be inspected and copied.

**FLORIDA DEPARTMENT OF TRANSPORTATION
BRIDGE MANAGEMENT SYSTEM
Inspection/CIDR Report with PDF attachment(s)
Inspection**

Structure ID: 030145

DISTRICT: D1 - Bartow

INSPECTION DATE: 3/27/2019 MYDL



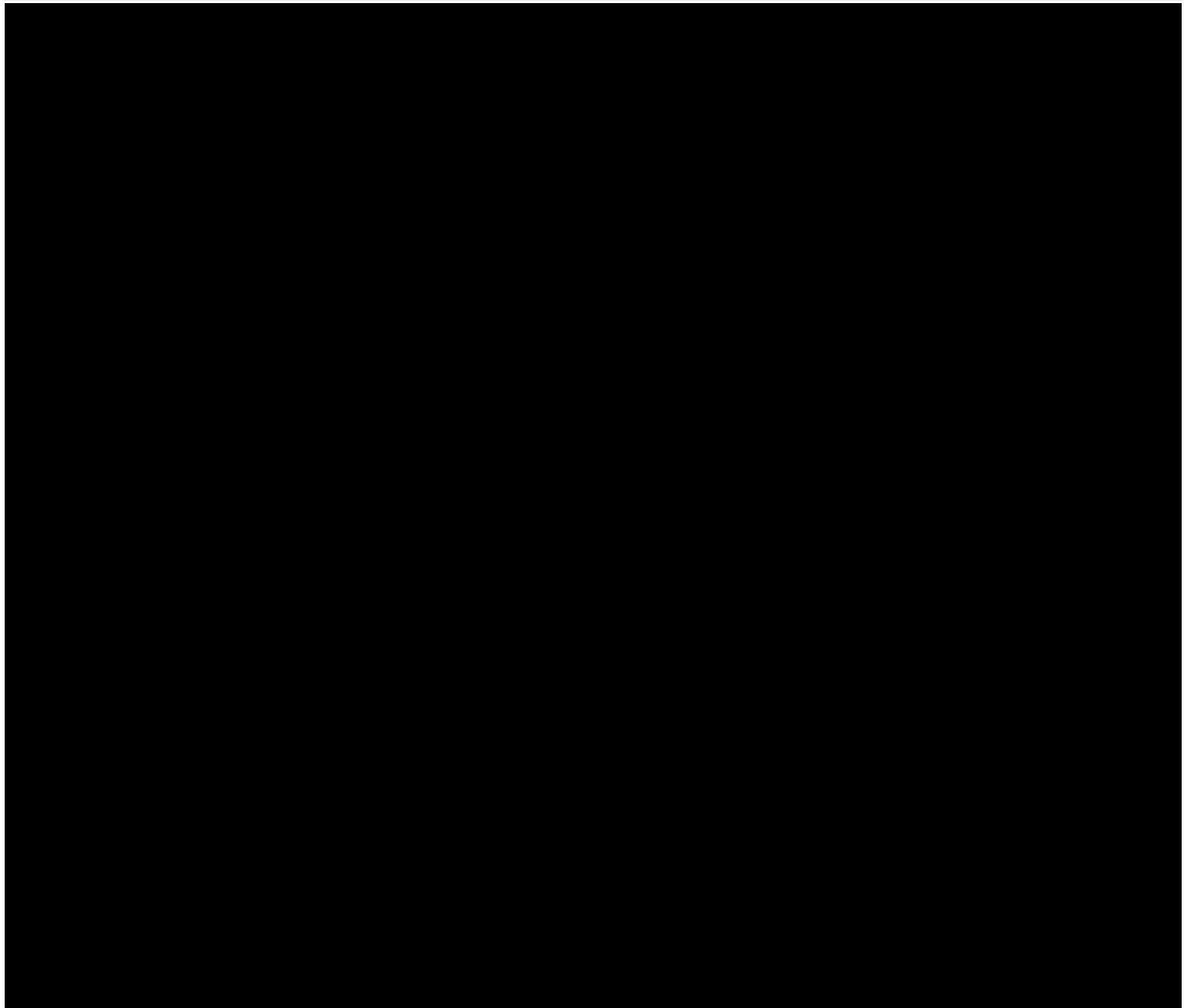
This report contains information relating to the physical security of a structure and depictions of the structure. This information is confidential and exempt from public inspection pursuant to sections 119.071(3)(a) and 119.071(3)(b), Florida Statutes. Only the cover page of this report may be inspected and copied.

**FLORIDA DEPARTMENT OF TRANSPORTATION
BRIDGE MANAGEMENT SYSTEM
Inspection/CIDR Report with PDF attachment(s)
Inspection**

Structure ID: 030145

DISTRICT: D1 - Bartow

INSPECTION DATE: 3/27/2019 MYDL



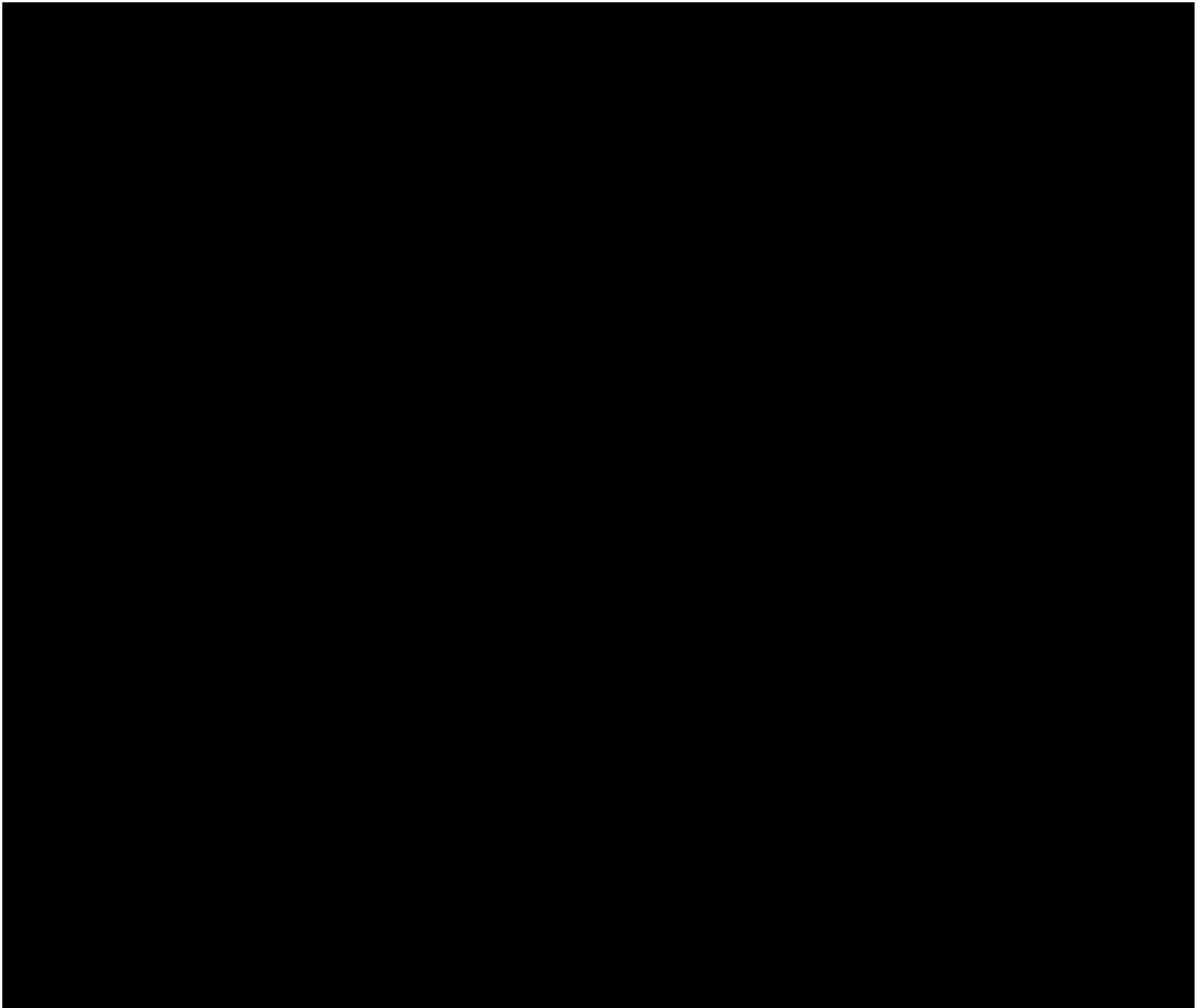
This report contains information relating to the physical security of a structure and depictions of the structure. This information is confidential and exempt from public inspection pursuant to sections 119.071(3)(a) and 119.071(3)(b), Florida Statutes. Only the cover page of this report may be inspected and copied.

**FLORIDA DEPARTMENT OF TRANSPORTATION
BRIDGE MANAGEMENT SYSTEM
Inspection/CIDR Report with PDF attachment(s)
Inspection**

Structure ID: 030145

DISTRICT: D1 - Bartow

INSPECTION DATE: 3/27/2019 MYDL



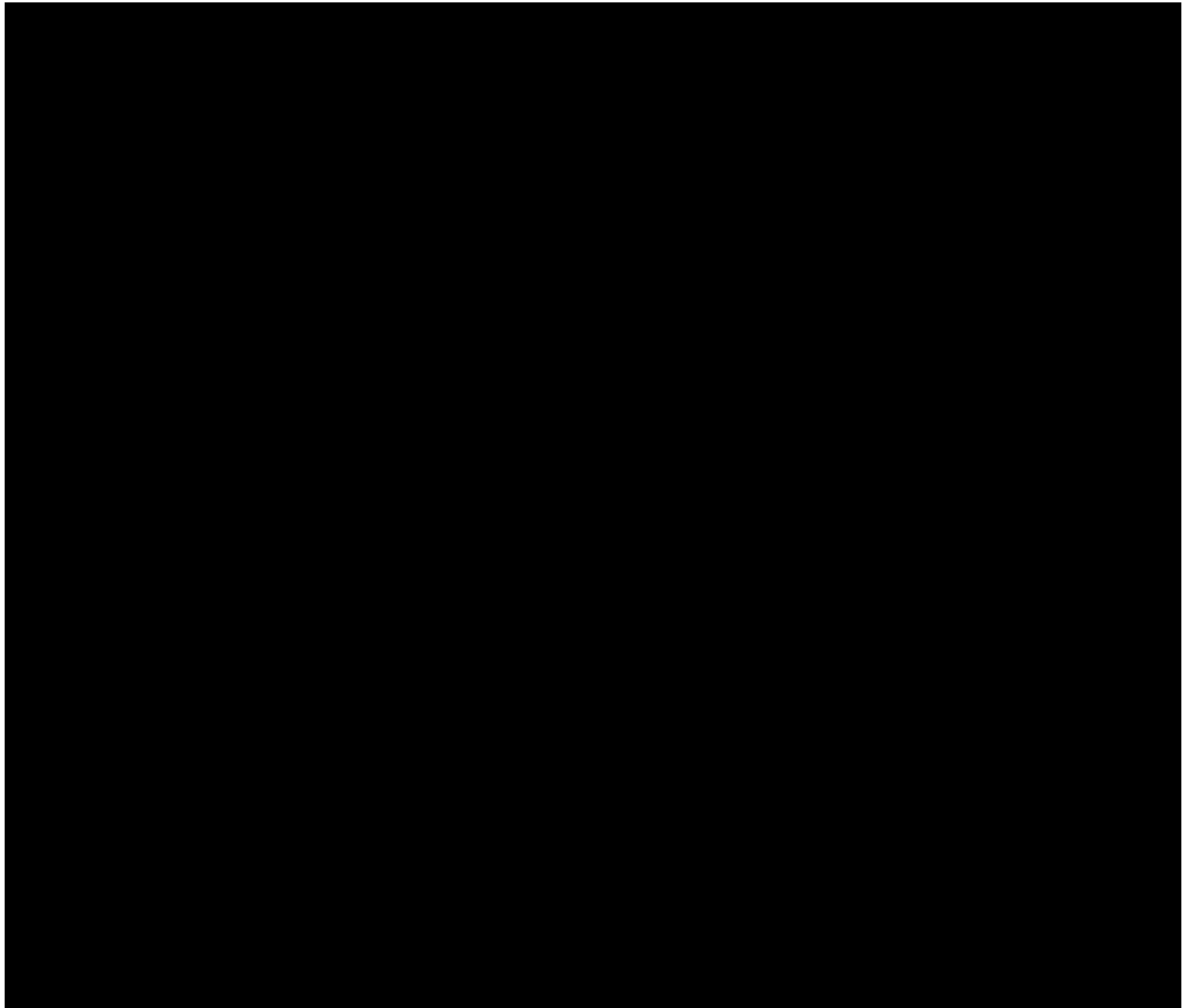
This report contains information relating to the physical security of a structure and depictions of the structure. This information is confidential and exempt from public inspection pursuant to sections 119.071(3)(a) and 119.071(3)(b), Florida Statutes. Only the cover page of this report may be inspected and copied.

**FLORIDA DEPARTMENT OF TRANSPORTATION
BRIDGE MANAGEMENT SYSTEM
Inspection/CIDR Report with PDF attachment(s)
Inspection**

Structure ID: 030145

DISTRICT: D1 - Bartow

INSPECTION DATE: 3/27/2019 MYDL



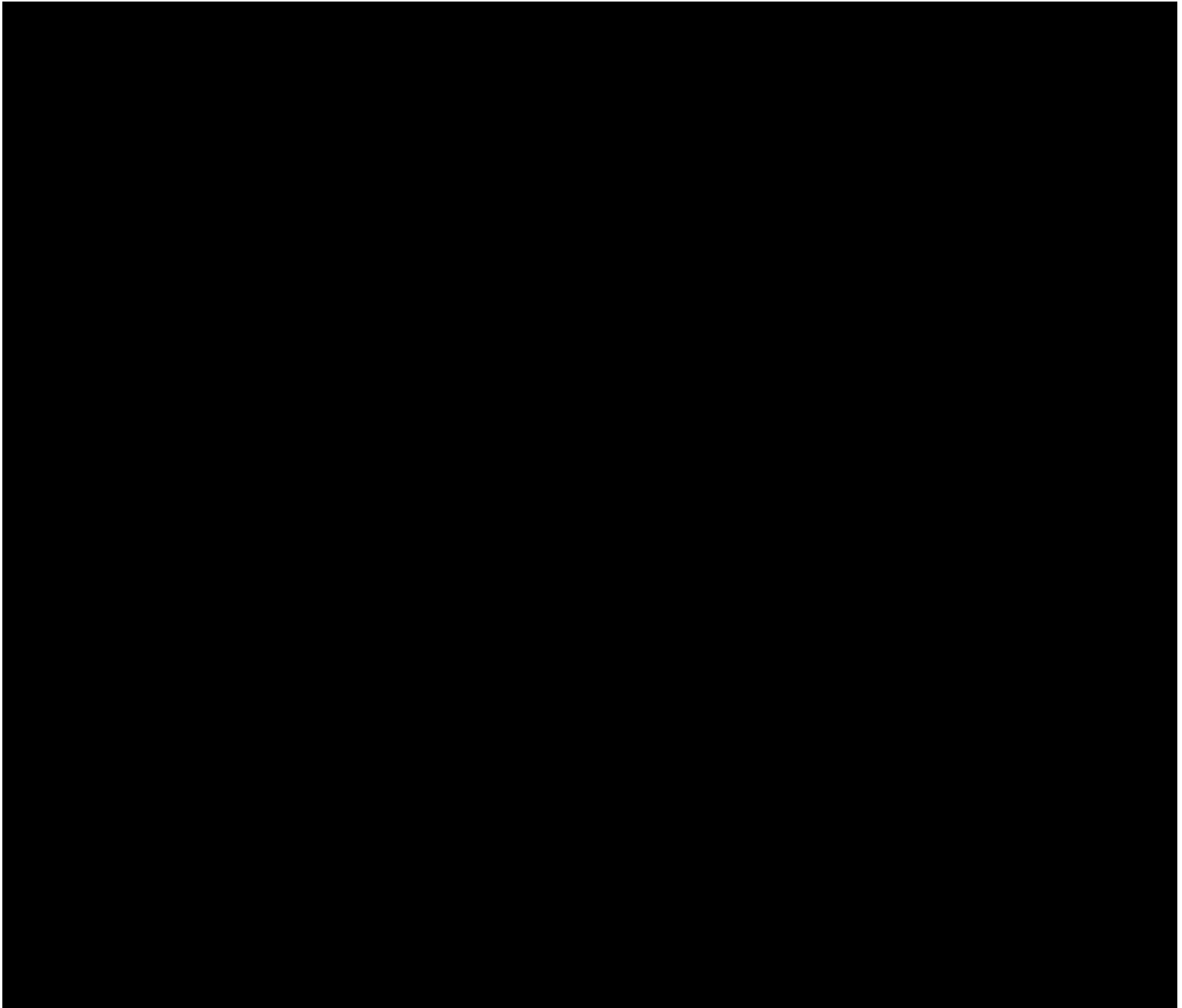
This report contains information relating to the physical security of a structure and depictions of the structure. This information is confidential and exempt from public inspection pursuant to sections 119.071(3)(a) and 119.071(3)(b), Florida Statutes. Only the cover page of this report may be inspected and copied.

**FLORIDA DEPARTMENT OF TRANSPORTATION
BRIDGE MANAGEMENT SYSTEM
Inspection/CIDR Report with PDF attachment(s)
Inspection**

Structure ID: 030145

DISTRICT: D1 - Bartow

INSPECTION DATE: 3/27/2019 MYDL



This report contains information relating to the physical security of a structure and depictions of the structure. This information is confidential and exempt from public inspection pursuant to sections 119.071(3)(a) and 119.071(3)(b), Florida Statutes. Only the cover page of this report may be inspected and copied.



BRIDGE INSPECTION REPORT

PREPARED FOR: FLORIDA DEPARTMENT OF TRANSPORTATION
BRIDGE OWNER: FLORIDA DEPARTMENT OF TRANSPORTATION

ICA

INSPECTED BY:
VOLKERT

BRIDGE NO. 030145 **CONTENTS OF REPORT** **INSPECTION DATE: 03/27/2019**

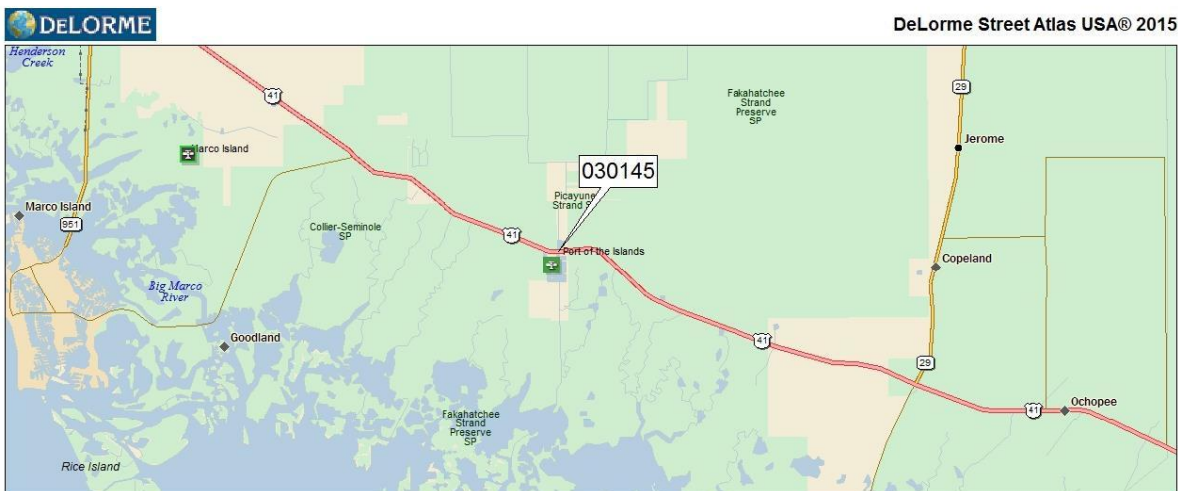
- | | |
|--|--------------------------------|
| BrM Report | UW Inspection Report |
| CIDR | * Fracture Critical Data |
| Scour Elevation (Profile) | * Load Rating Analysis Summary |
| * Addendum (Element Notes & Photos/Sketches) | |

**This section is not included in this report.*



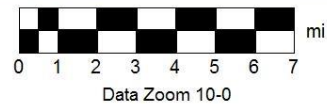
US-41 NB OVER FAKA UNION CANAL

13.7MI SOUTHEAST OF SR-951



Data use subject to license.
 © DeLorme. DeLorme Street Atlas USA® 2015.
 www.delorme.com

★
 MN (6.1° W)



Routine Underwater Bridge Inspection Report
BOLT UNDERWATER SERVICES, INC.
for
VOLKERT, INC.

NBI Structure ID. (8): **030145**

Underwater Date (93): 02/12/19

Structure/Roadway Identification:

District (2): 01
 County (3): Collier
 Feature Intersected (6): Fahka Union Canal
 Facility Carried (7): US-41 NB


Underwater Inspection Details:

Special Crew Hours: 3.0
 Max. Depth: 8ft. at Bent 2
 Type of Dive Insp.: Level II (SCUBA)
 Type of Boat Used: N/A
 Water Type/Marine Growth: Brackish/Tidal – Algae/Barnacles/Mussels

Previous Inspection:

Lead Diver:	C.B.I. No.:	Inspection Date:
Hoogland, Keith S.	00341	02/07/17

Inspection Personnel:

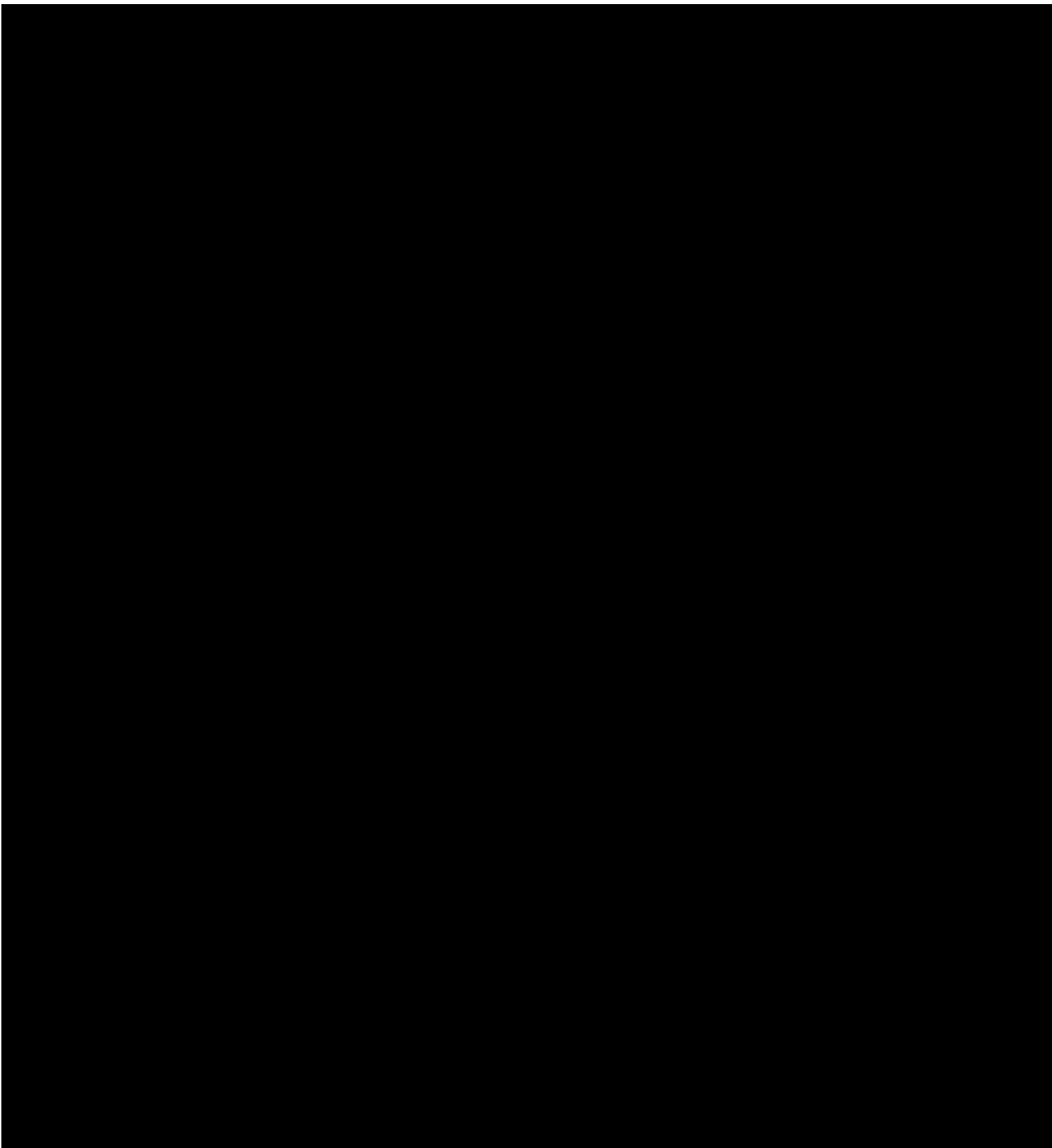
Field Personnel:	Title	P.E./C.B.I. No.:	Duty:	Signature:
Coon, Elliott J.	SUCBI	00530/Lead	Dive	
Hoogland, Keith S.	SUCBI	00341	Dive	
D'Amico, Joseph M.	AUBIT		Tend	

BOLT UNDERWATER SERVICES, INC.

Structure ID: 030145

District: 01

Inspection Date: 02/12/19



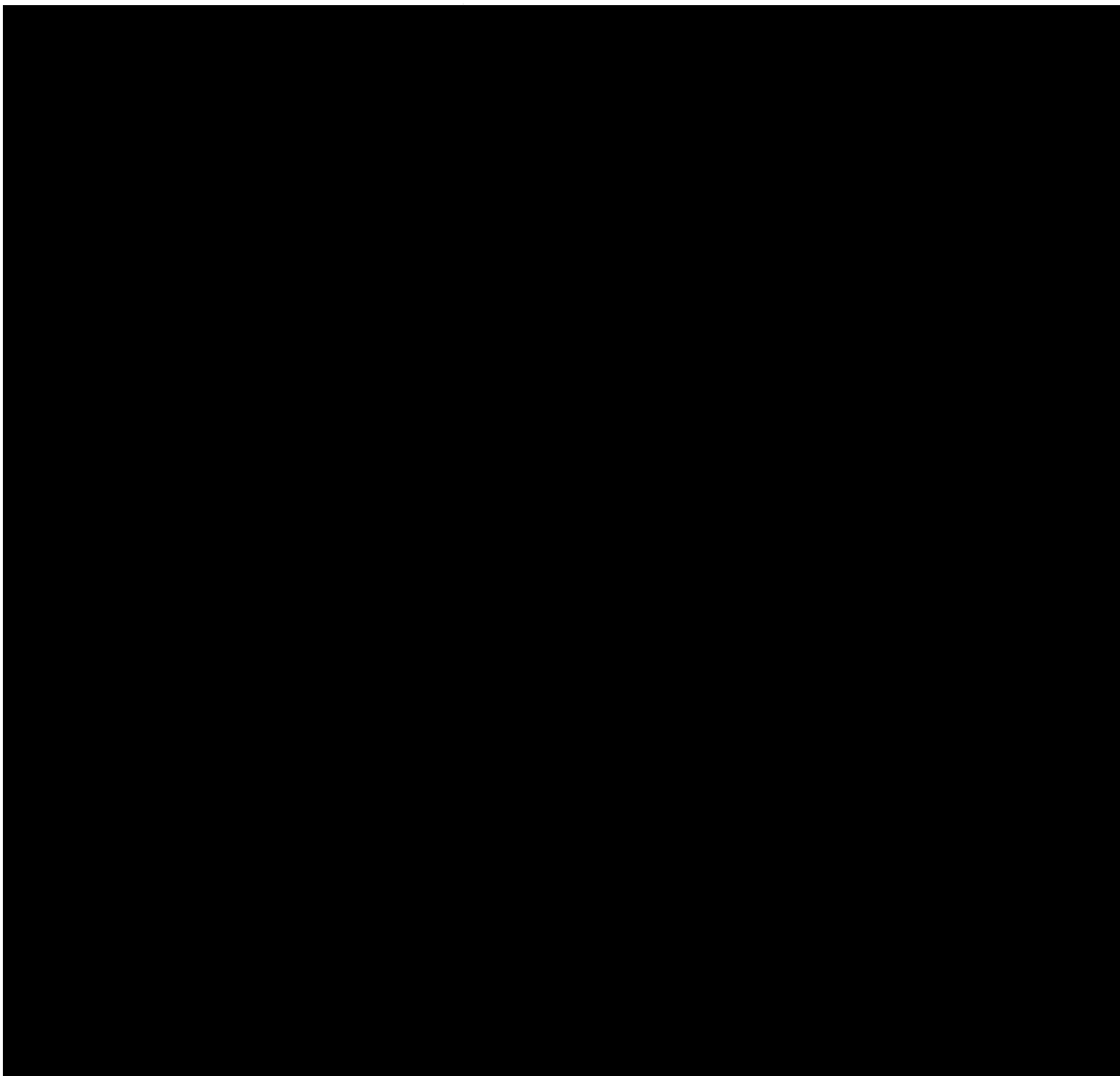
This report contains information relating to the physical security of a structure and depictions of the structure. This information is confidential and exempt from public inspection pursuant to sections 119.071(3)(a) and 119.071(3)(b), Florida Statutes.

BOLT UNDERWATER SERVICES, INC.

Structure ID: 030145

District: 01

Inspection Date: 02/12/19

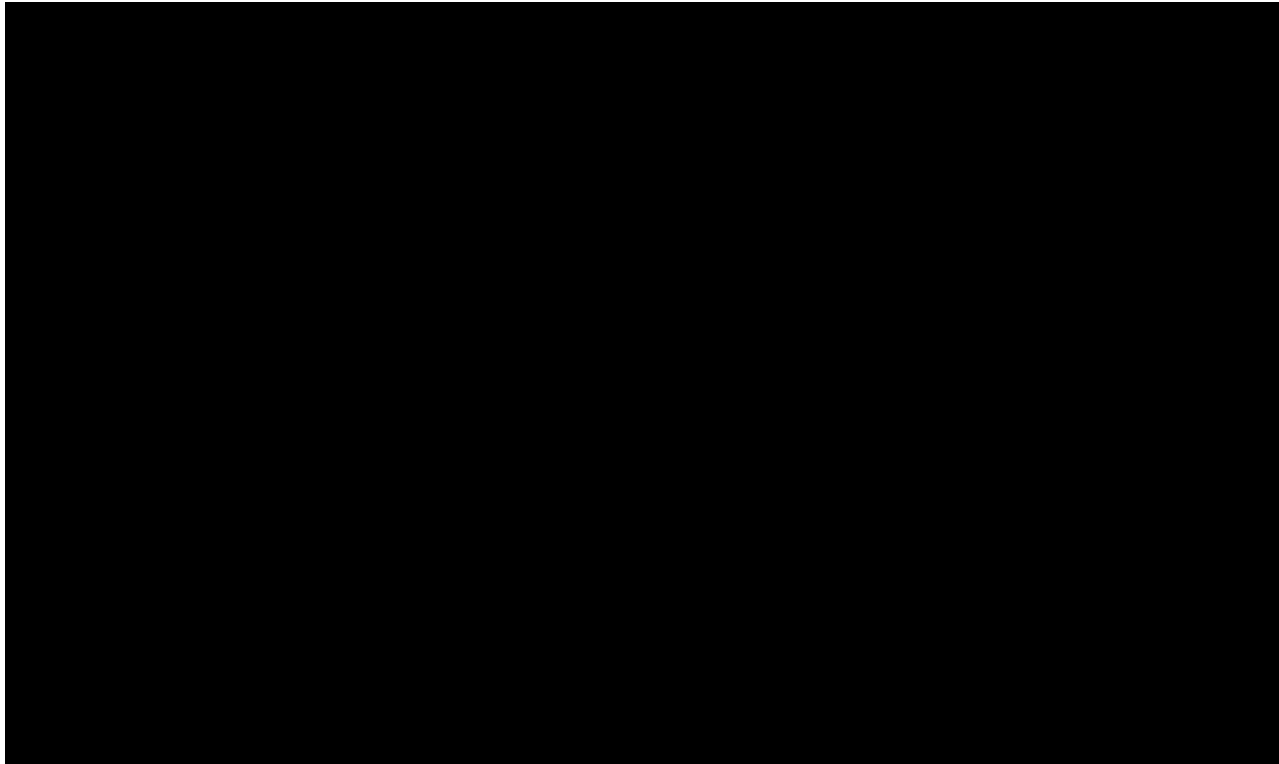


This report contains information relating to the physical security of a structure and depictions of the structure. This information is confidential and exempt from public inspection pursuant to sections 119.071(3)(a) and 119.071(3)(b), Florida Statutes.

**FLORIDA DEPARTMENT OF TRANSPORTATION
BRIDGE MANAGEMENT SYSTEM
BRIDGE INSPECTION REPORT ADDENDUM**

BRIDGE ID: 030145
DISTRICT: 01 BARTOW

PAGE: A1 OF A1
INSPECTION DATE: 03/27/2019



**FLORIDA DEPARTMENT OF TRANSPORTATION
BRIDGE MANAGEMENT SYSTEM**

**Inspection/CIDR Report with PDF attachment(s)
CIDR**

REPORT ID: INSP005

Structure ID: 030145

DATE PRINTED: 11/17/2020

Description



Structure Unit Identification

Bridge/Unit Key: 030145 0
 Structure Name: US41NB/FAKA UNION CANAL
 Description: MAIN SPAN 1
 Type: M - Main

Roadway Identification

NBI Structure No (8): 030145
 Position/Prefix (5): 1 - Route On Structure
 Kind Hwy (Rte Prefix): 2 U.S. Numbered Hwy
 Design Level of Service: 1 Mainline
 Route Number/Suffix: 00041 / 0 N/A (NBI)
 Feature Intersect (6): FAKA UNION CANAL
 Critical Facility: Not Defense-crit
 Facility Carried (7): US-41 NB
 Mile Point (11): 34.229
 Latitude (16): 025d57'34.8" Long (17): 081d30'35.0"

Roadway Traffic and Accidents

Lanes (28): 2 Medians: 0 Speed: 60 mph
 ADT Class: 3 ADT Class 3
 Recent ADT (29): 1550 Year (30): 2019
 Future ADT (114): 2689 Year (115): 2041
 Truck % ADT (109): 8
 Detour Length (19): 1 mi
 Detour Speed: 
 Accident Count:  Rate:

Roadway Classification

Nat. Hwy Sys (104): 1 On the NHS
 National base Net (12): 1 - On Base Network
 LRS Inventory Rte (13a): 03 010 000 Sub Rte (13b): 00
 Functional Class (26): 02 Rural Other Princ
 Federal Aid System: ON
 Defense Hwy (100): 0 Not a STRAHNET hwy
 Direction of Traffic (102): 1 1-way traffic
 Emergency:

Roadway Clearances

Vertical (10): 99.99 ft Appr. Road (32): 40.3 ft
 Horiz. (47): 40.3 ft Roadway (51): 40.3 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:

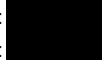
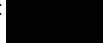
NBI Project Data

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): 6 Bank Slumping
 Deck (58): 7 Good
 Superstructure (59): 7 Good
 Substructure (60): 7 Good

Culvert (62): N N/A (NBI)
 Waterway (71): 8 Equal Desirable
 Unrepaired Spalls: 
 Review Required: 

FLORIDA DEPARTMENT OF TRANSPORTATION BRIDGE MANAGEMENT SYSTEM

Inspection/CIDR Report with PDF attachment(s) CIDR

REPORT ID: INSP005

Structure ID: 030145

DATE PRINTED: 11/17/2020

Structure Identification

Admin Area: Collier County
 District (2): D1 - Bartow
 County (3): (03)Collier
 Place Code (4): No city involved
 Location (9): 13.7 MILES SE OF SR-951
 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): Right of || bridge
 Temp. Structure (103): Not Applicable (P)
 Maint. Resp. (21): 1 State Highway Agency
 Owner (22): 1 State Highway Agency
 Historic Signif. (37): 5 Not eligible for NRHP

Structure Type and Material

Curb/Sidewalk (50): Left: 0 ft Right: 0 ft
 Bridge Median (33): 0 No median
 Main Span Material (43A): 5 Prestressed Concrete
 Appr Span Material (44A): Not Applicable (P)
 Main Span Design (43B): 02 Stringer/Girder
 Appr Span Design (44B): 00 Other (NBI)

Appraisal**Structure Appraisal**

Open/Posted/Closed (41): A Open, no restriction
 Deck Geometry (68): 7 Above Min Criteria
 Underclearances (69): N Not applicable (NBI)
 Approach Alignment (72): 8-No Speed Red thru Curv
 Bridge Railings (36a): 1 Meets Standards
 Transitions (36b): 1 Meets Standards
 Approach Guardrail (36c): 1 Meets Standards
 Approach Guardrail Ends (36d): 1 Meets Standards
 Scour Critical (113): 3 SC - Unstable

Minimum Vertical Clearance

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

Schedule**Current Inspection**

Inspection Date: 03/27/2019
 Inspector: KNOLEEC - Elliott Coon
 Bridge Group: E1N92
 Alt. Bridge Group:
 Primary Type: Regular NBI
 Review Required:

Geometrics

Spans in Main Unit (45): 4
 Approach Spans (46): 0
 Length of Max Span (48): 54.79 ft
 Structure Length (49): 219.2 ft
 Total Length: 259 ft
 Deck Area: 9207 sqft
 Structure Flared (35): 0 No flare

Age and Service

Year Built (27): 1969
 Year Reconstructed (106): 0
 Type of Service On (42a): 1 Highway
 Under (42b): 5 Waterway
 Fracture Critical Details: Not Applicable

Deck Type and Material

Deck Width (52): 42 ft
 Skew (34): 0 deg
 Deck Type (107): 1 Concrete-Cast-in-Place
 Surface (108): 0 None
 Membrane: 0 None
 Deck Protection: None

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: 99.9
 Health Index: 95.81
 Structural Eval (67): 7 Above Min Criteria
 Deficiency: Not Deficient

Minimum Lateral Underclearance

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

Next Inspection Date Scheduled

NBI: 03/27/2021
 Element: 03/27/2021
 Fracture Critical:
 Underwater: 02/12/2021
 Other/Special:
 Inventory Photo Update Due:

Attachment C

**FLORIDA DEPARTMENT OF TRANSPORTATION
BRIDGE MANAGEMENT SYSTEM**

**Inspection/CIDR Report with PDF attachment(s)
CIDR**

REPORT ID: INSP005

Structure ID: 030145

DATE PRINTED: 11/17/2020

Schedule Cont.

Inspection Types Performed

NBI Element Fracture Critical Underwater Other Special

Inspection Intervals Required (92) Frequency (92) Last Date (93) Inspection Resources

Fracture Critical	<input type="checkbox"/>	mos			Crew Hours: 4
Underwater	<input checked="" type="checkbox"/>	24 mos	02/12/2019		Flagger Hours: 0
Other Special	<input type="checkbox"/>	mos			Helper Hours: 0
NBI		24 mos	(91) 03/27/2019	(90)	Snooper Hours: 0
					Special Crew Hours: 3
					Special Equip Hours: 0

Bridge Related

General Bridge Information

Parallel Bridge Seq: 0146	Bridge Rail 1: Steel guard/steel post
Channel Depth: 7.6 ft	Bridge Rail 2: Not applicable-No rail
Radio Frequency: 0	Electrical Devices: No electric service
Phone Number:	Culvert Type: Not applicable
Exception Date:	Maintenance Yard: 192-Ft. Myers Ops
Exception Type: Unknown	FIHS ON / OFF: No Routes on FIHS
Accepted By Maint: 01/01/1969	Previous Structure:
Warranty Expiration: 00/00/0000	2nd Previous Structure:
Performance Rating: Good	Replacement Structure:

Permitted Utilities: Power Water Gas Fiber Optic Sewage Other

Bridge Load Rating Information

Inventory Type (065): 1 LF Load Factor	Inventory Rating (066): 39.7 tons
Operating Type (063): 1 LF Load Factor	Operating Rating (064): 66.3 tons
Original Design Load (031): 6 MS18(HS20)+mod	FL120 Permit Rating: [REDACTED]
Date: 08/09/2010	HS20/FL120 Max Span Rating: [REDACTED]
Initials: SW	Dynamic Impact in Percent: [REDACTED]
Load Rating Rev. Recom.: No	Governing Span Length: [REDACTED]
Load Rating Plans Status: Design or Construction	Minimum Span Length: [REDACTED]
	Distribution Method: [REDACTED]

Load Rating Notes:

LEGAL LOADS

SU2: [REDACTED]
SU3: [REDACTED]
SU4: [REDACTED]
C3: [REDACTED]
C4: [REDACTED]
C5: [REDACTED]
ST5: [REDACTED]

Posting (070): 5 At/Above Legal Loads

Open/Posted/Closed (041): A Open, no restriction

POSTING

Recom. SU Posting: [REDACTED]
Recom. C Posting: [REDACTED]
Recom. ST5 Posting: [REDACTED]
Actual SU Posting: [REDACTED]
Actual C Posting: [REDACTED]
Actual ST5 Posting: [REDACTED]
Actual Blanket Posting: [REDACTED]
Emergency Vehicle: [REDACTED]

FLOOR BEAM (FB)

FB Present: No

FB Span Length, Gov: 0.0 ft
FB Spacing, Gov: 0.0 ft
FB OPR Rating: [REDACTED]
FB SU4 OPR Rating: [REDACTED]
FB FL120 Rating: [REDACTED]

SEGMENTAL (SEG)

SEG Wing-Span: -1.0 ft
SEG Web-to-Web Span: -1.0 ft
SEG Transverse HL93 Operating: [REDACTED]

Bridge Scour and Storm Information

Pile Driving Record: [REDACTED]
Foundation Type: [REDACTED]
Mode of Flow: [REDACTED]
Rating Scour Eval: [REDACTED]
Highest Scour Eval: [REDACTED]
Scour Evaluation Method: [REDACTED]

Scour Recommended I: [REDACTED]
Scour Recommended II: [REDACTED]
Scour Recommended III: [REDACTED]
Scour Elevation: [REDACTED]
Action Elevation: [REDACTED]
Storm Frequency: [REDACTED]

**FLORIDA DEPARTMENT OF TRANSPORTATION
BRIDGE MANAGEMENT SYSTEM**

**Inspection/CIDR Report with PDF attachment(s)
CIDR**

REPORT ID: INSP005

Structure ID: 030145

DATE PRINTED: 11/17/2020

Elements

Inspection Date: 03/27/2019 MYDL

DECKS : Decks/Slabs

Str Unit	Elem/Env	Description	Qty1	%1	Qty2	%2	Qty3	%3	Qty4	%4	T Qty
0	12 / 4	Re Concrete Deck	9206	99.99	1	0.01	0	.	0	.	9207 sq.ft
0	1080 / 4	Delamination/Spall/Patched Area	0	.	1	100	0	.	0	.	1 sq.ft

DECKS : Joints

Str Unit	Elem/Env	Description	Qty1	%1	Qty2	%2	Qty3	%3	Qty4	%4	T Qty
0	304 / 4	Open Expansion Joint	181	86.19	26	12.38	3	1.43	0	.	210 ft
0	2360 / 4	Adjacent Deck or Header	0	.	26	89.66	3	10.34	0	.	29 ft

MISCELLANEOUS : Channel

Str Unit	Elem/Env	Description	Qty1	%1	Qty2	%2	Qty3	%3	Qty4	%4	T Qty
0	8290 / 4	Channel	0	.	0	.	1	100	0	.	1 (EA)
0	9120 / 4	Degradation	0	.	0	.	1	100	0	.	1 (EA)

MISCELLANEOUS : Other Elements

Str Unit	Elem/Env	Description	Qty1	%1	Qty2	%2	Qty3	%3	Qty4	%4	T Qty
0	321 / 4	Re Conc Approach Slab	1680	100	0	.	0	.	0	.	1680 sq.ft
0	510 / 4	Wearing Surfaces	1582	98.14	30	1.86	0	.	0	.	1612 sq.ft
0	3220 / 4	Crack (Wearing Surface)	0	.	30	100	0	.	0	.	30 sq.ft

MISCELLANEOUS : Other Elements

Str Unit	Elem/Env	Description	Qty1	%1	Qty2	%2	Qty3	%3	Qty4	%4	T Qty
0	8475 / 4	R/Conc Walls	30	100	0	.	0	.	0	.	30 ft

SUBSTRUCTURE : Substructure

Str Unit	Elem/Env	Description	Qty1	%1	Qty2	%2	Qty3	%3	Qty4	%4	T Qty
0	215 / 4	Re Conc Abutment	85	100	0	.	0	.	0	.	85 ft

SUBSTRUCTURE : Substructure

Str Unit	Elem/Env	Description	Qty1	%1	Qty2	%2	Qty3	%3	Qty4	%4	T Qty
0	226 / 4	Pre Conc Pile	17	94.44	0	.	1	5.56	0	.	18 (EA)
0	1080 / 4	Delamination/Spall/Patched Area	0	.	0	.	1	100	0	.	1 (EA)

SUBSTRUCTURE : Substructure

Str Unit	Elem/Env	Description	Qty1	%1	Qty2	%2	Qty3	%3	Qty4	%4	T Qty
0	234 / 4	Re Conc Pier Cap	108	86.4	7	5.6	10	8	0	.	125 ft
0	1080 / 4	Delamination/Spall/Patched Area	0	.	0	.	6	100	0	.	6 ft
0	1120 / 4	Efflorescence/Rust Staining	0	.	5	55.56	4	44.44	0	.	9 ft
0	1130 / 4	Cracking (RC and Other)	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	8396 / 4	Other Abutment Slope Protection	4024	98.89	0	.	45	1.11	0	.	4069 (SF)
0	1080 / 4	Delamination/Spall/Patched Area	0	.	0	.	15	100	0	.	15 (SF)
0	6000 / 4	Scour	0	.	0	.	30	100	0	.	30 (SF)

**FLORIDA DEPARTMENT OF TRANSPORTATION
BRIDGE MANAGEMENT SYSTEM**

**Inspection/CIDR Report with PDF attachment(s)
CIDR**

REPORT ID: INSP005

Structure ID: 030145

DATE PRINTED: 11/17/2020

SUPERSTRUCTURE : Bearings

Str Unit	Elem/Env	Description	Qty1	%1	Qty2	%2	Qty3	%3	Qty4	%4	T Qty
0	311 / 4	Moveable Bearing	27	67.5	11	27.5	2	5	0	.	40 each
0	1000 / 4	Corrosion	0	.	1	100	0	.	0	.	1 each
0	1020 / 4	Connection	0	.	10	83.33	2	16.67	0	.	12 each
0	8518 / 4	Galvanized Steel	39	97.5	0	.	1	2.5	0	.	40 sq.ft
0	3440 / 4	Eff (Stl Protect Coat)	0	.	0	.	1	100	0	.	1 sq.ft

SUPERSTRUCTURE : Superstructure

Str Unit	Elem/Env	Description	Qty1	%1	Qty2	%2	Qty3	%3	Qty4	%4	T Qty
0	109 / 4	Pre Opn Conc Girder/Beam	1094	99.82	0	.	2	0.18	0	.	1096 ft
0	1080 / 4	Delamination/Spall/Patched Area	0	.	0	.	2	100	0	.	2 ft

SUPERSTRUCTURE : Superstructure

Str Unit	Elem/Env	Description	Qty1	%1	Qty2	%2	Qty3	%3	Qty4	%4	T Qty
0	330 / 3	Metal Bridge Railing	440	100	0	.	0	.	0	.	440 ft
0	8518 / 3	Galvanized Steel	2200	100	0	.	0	.	0	.	2200 sq.ft

Total Number of Elements*: 12

*excluding defects/protective systems

Inspection Information

Inspection Date: 03/27/2019

Type: Regular NBI

Inspector: KNOLEEC - Elliott Coon

