SUBJECT: **RFQ FOR DESIGN-BUILD SVCS FOR HORIZONTAL/CIVIL ENGINEERING PROJECTS**

BID # **CDB-0006-16** OPEN DATE: **10/21/2015**

COMPETITIVE SEALED PROPOSAL EVALUATION COMMITTEE

KIND AND BASIS OF CONTRACT:
CONSTRUCTION – DESIGN/BUILD

AGENCY: **DEPARTMENT OF PUBLIC WORKS**

BASIS OF AWARD: **QUALIFICATIONS BASED**

NUMBER OF BIDS INVITED: - NUMBER RECEIVED: - OTHER: -

SUMMARY OF BIDS AND RECOMMENDED ACTIONS:

The Department of Public Works has completed negotiations with J.B. Coxwell Contracting, Inc., for McCoy's Creek Bridge Removal project in accordance with subject bid.

Recommend approval of award to J. B. Coxwell Contracting, Inc., in the guaranteed maximum price not-to-exceed $285,703.17, which includes a contingency of $10,000.00. The scope of award is to provide 100% design, permitting and construction for the McCoy's Creek Bridge Removal Project for the Smith Street and Leland Street bridges. This incorporates the attached, scope and fee summary, Exhibit "BB-1", with guaranteed completion of 90 days from issuance of notice-to-proceed. Total annual expenditure amount is currently at $18,000,000.00; the amount spent to date is $12,611,515.41.

Funding for this award is to be executed by Amendment 26A for contract # 6533-54 and encumbered by account: PWCP32ERD549-069505-PW0512-04- $142,851.59; PWCP32ERD549-069505-PW0512-05- $142,851.58

Attachments: Recommendation Memo, Exhibit "BB-1", Previous Award(s)

BUYER Marilyn Laidler
MARILYN LAIDLER

RESPECTFULLY SUBMITTED
GREGORY PEASE, CHIEF
PROCUREMENT DIVISION

CONCURRENCE BY: **William J. Joyce, P.E., Director of Operations, Public Works Department**

(ALL AWARD ACTIONS SUBJECT TO LAWFULLY APPROPRIATED FUNDS)
ACTION OF CSPEC COMMITTEE ON RECOMMENDATIONS ABOVE

MEMBERS APPROVING_____ MEMBERS DISAPPROVING_____ DATE:_____

_____ _____ OTHER_____

_____ _____

_____ _____

_____ _____

_____ _____

ACTION OF AWARDING AUTHORITY DATE _____

APPROVED_____ DISAPPROVED: _____

OTHER: _____

SIGNATURE OF AUTHENTICATION _____

City of Jacksonville, Florida

Lenny Curry, Mayor

Department of Public Works
Engineering & Construction Management Division
214 N. Hogan Street, 10th Floor
Jacksonville, FL 32202
(904) 255-8762
www.coj.net

ONE CITY. ONE JACKSONVILLE

February 27, 2019

TO: Gregory W. Pease
Chief of Procurement

THRU: John P. Pappas, P.E.
Director

FROM: William J. Joyce, P.E.
Director of Operations

SUBJECT: CDB-0006-16 – Design-Build Services - Horizontal & Civil Engineering – McCoys Creek Bridge Removal AMENDMENT 26A

Based on the Design Criteria Package developed by City Engineers, the Department of Public Works, in accordance with Design/Build CDB-0006-16, Contract 6533-54 has completed negotiations with J. B. Coxwell Contracting, Inc., to provide 100% design, permitting and construction for the McCoy's Creek Bridge Removal Project for the Smith Street and Leland Street bridges. Negotiations have resulted in the attached Scope and Fee, Exhibit BB-1 for the GMP amount of $285,703.17, which includes a contingency of $10,000.00 for this work and allows for 90 days for design and permitting and 90 days for the construction phase for a total of 180 days from the notice to proceed.

Accordingly, this is to recommend that Contract No. 6533-54, originally executed May 2, 2016, between the City and J. B. Coxwell Contracting, Inc. for Design-Build Services- Horizontal & Civil Engineering, be amended to incorporate the attached Scope and Fee Summary, Exhibit BB-1 for McCoy's Creek Bridge Removal Project for the Smith Street and Leland Street bridges for the GMP amount of $285,703.17, known as Amendment 26A.

To be encumbered as follows:

PWCP32ERD549-069505-PW0512-04	$142,851.59
PWCP32ERD549-069505-PW0512-05	$142,851.58
TOTAL	$285,703.17

WJJ/lw

Attachment: Exhibit BB-1

ab

EXHIBIT BB-1

J.B. Coxwell Contracting, Inc.
6741 Lloyd Road West
Jacksonville, Florida 32254
Office (904) 786-1120 Fax (904) 783-2970

January 29, 2019

Duane Kent, P.E.
City of Jacksonville Department of Public Works
Engineering & Construction Management Division
214 N. Hogan Street, 10th Floor
Jacksonville, Florida 32202

Re: Scope of Services & Fee Proposal for McCoys Creek Bridge Removal Project
100% Design, Permitting and Construction Services
Design-Build Construction Delivery for City of Jacksonville-RFQ CDB-0006-16
City Contract No. 6533-54 Proposal Revision #1

Dear Mr. Kent:

J.B. Coxwell Contracting, Inc. (JBCCI) is pleased to submit for your review and consideration the following design-build scope of services and attached lump sum Guaranteed Maximum Price (GMP) fee proposal for 100% design, permitting, and construction of the above referenced project. This proposal is based on the COJ's revised Design Criteria Package dated January 22, 2019. The scope of work is generally described as providing for 100% design, permitting, post design, and construction related services for the removal of the existing bridges across McCoys Creek at Smith Street and Leland Street. The project includes demolition and removal of the existing bridge structures, restoration of the creek bank post demolition, and associated road re-construction to terminate the roadway at Leland Street. The full details of the proposed improvements that served as the basis for this proposal are per the January 29, 2019 Design Criteria Package and as outlined on the attached proposals.

As detailed on the attached documentation, the proposed total lump sum GMP amount for the 100% design, permitting and construction is Two Hundred Eighty-Five Thousand Seven Hundred Three Dollars and Seventeen Cents ($285,703.17) which includes a project contingency for construction of $10,000.00. The project contingency is for project elements which have not been fully designed and permitted, and which may increase in quantity or cost during the final design phase or during construction. The project contingency is for the Design-Builder's benefit and not for changed field conditions, unknown field conditions or added scope of work. The design and permitting phase will be completed in ninety days (90), and the construction will be completed within ninety days (90), or a total of one hundred eighty days (180) from notice-to-proceed.

This lump sum GMP amount is inclusive of only those services noted on the attached proposals and which are anticipated at this time. No services or work other than those noted in the proposals are

included. In addition, any unknown condition(s) which may surface during design and construction or any other increase in scope of services may result in a request for additional services. No work will proceed however, without first obtaining approval from the City for any additional services.

Duane, our team has staff immediately available to begin this work upon your notice-to-proceed. We are again very appreciative of the opportunity to provide you with our design-build services. Should you have any questions or need any further information, please do not hesitate to contact us. We are also available to review and discuss this proposal with you and/or others at your convenience.

Regards,

J.B. Coxwell Contracting, Inc.

Jayson Smith

Jayson Smith,
Design Build Manager

Cc: Chris Blank, Vice President of Operations
J.B. Coxwell Contracting, Inc.

Eddie Greene, Vice President of Operations
J.B. Coxwell Contracting, Inc.

Nicholas E. Mousa, AICP, Director -Florida Market Initiatives
GAI Consultants, Inc.

Kevin Leadbetter, P.E., Vice President
GAI Consultants, Inc.

Exhibit A
JBCCI Contract Fee Summary For
100% Design Build for McCoys Ceeek Bridge Removal Project

PART I - GENERAL	
1. Project Design-Build Construction Delivery for City of Jacksonville - 100% Design Build for McCoys Creek Bridge Removal Project	**2. City Contract Number** 6533-54
3. Name of Design-Builder J.B. Coxwell Contracting, Inc.	**4. Date of Proposal** 1/29/2019

PART II - LABOR RELATED COSTS

5. DIRECT LABOR Pre-Construction Services	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Project Director	$ 105.00	0	$ 0.00	
Project Manager	$ 57.50	0	$ 0.00	
Project Estimator	$ 52.00	0	$ 0.00	
Project Administrator	$ 30.00	0	$ 0.00	
			TOTAL DIRECT LABOR	$ -
6. OVERHEAD (Combined Fringe Benefits & Administrative) Overhead Rate 54.46%				$ -
7. TOTAL LUMP SUM LABOR FEE : Labor + Overhead (Items 5 & 6)				$ -

PART III - OTHER COSTS

8. MISCELLANEOUS DIRECT COSTS Reproductions, Courier Service, Postage, Express Delivery, and other Misc. Direct Costs	$ -
MISCELLANEOUS DIRECT COSTS SUB-TOTAL	$ -
9. COST OF THE WORK	
JBCCI Construction Estimate (100%)	$ 198,706.00
Construction Contingency	$ 10,000.00
GAI Consultants, Inc. 100% Design & Permitting Fees	$ 54,433.00
COST OF THE WORK SUB-TOTAL	$ 263,139.00
10. SUBTOTAL - DESIGN & CONSTRUCTION FEES	$ 263,139.00
11. BOND (100% P&P)	$ 2,631.39
12. Design-Builder's Fee (7.5%)	$ 19,932.78

PART IV - FEE SUMMARY

TOTAL - LUMP SUM FEE	$ 285,703.17

100% GMP Design-Build Proposal Fees for McCoys Creek Bridge Demolition (Smith Street & Leland Street)
COJ Contract # 6533-54
Date: 1-29-19

BidItem	Bid Description	Bid Quantity	Units		Unit Price		Extended Total
1	General Conditions	1	LS	$	35,820.00	$	35,820.00
10	Erosion Control	1	LS	$	3,815.00	$	3,815.00
20	MOT	1	LS	$	9,460.00	$	9,460.00
30	Engineering & Permitting Fees	1	LS	$	54,433.00	$	54,433.00
50	Demo & Removal of Smith St.& Leland St. Bridges	1	LS	$	103,820.00	$	103,820.00
60	Misc. Grading of Creek Bank Post Demolition	1	LS	$	9,537.00	$	9,537.00
70	Roadway Demo, Reconstruction, & Signs @ Leland St.	1	LS	$	28,914.00	$	28,914.00
90	Grassing (Bahia Sod) for Disturbed Areas Construction	1	LS	$	7,340.00	$	7,340.00
200	Contingency	1	LS	$	10,000.00	$	10,000.00
300	100% P&P Bond (1%)	1	LS	$	2,631.39	$	2,631.39
400	Design Build Fee 7.5%	1	LS	$	19,932.78	$	19,932.78
	Total 100% GMP Proposal Fee					$	**285,703.17**

Clarifications/ Exclusions:

- All public notices and public meetings to be handled by the City of Jacksonville
- Work to be performed in one mobilization/ one demobilization
- Estimate assumes normal work hours to be M-F, 7 am through 5:30pm
- Estimate assumes the existing soil excavated from the project can be re-used on site as backfill
- Estimate does not include any fees associated with tree mitigation (tree removal, planting, or mitigation fees)
- Estimate does not include any fees associated with wetland mitigation (payment for mitigation services)
- Estimate does not include any new utility work other than the minor storm drainage construction and water main adjustments required for the improvements.
- Estimate assumes COJ will provide all temporary or permanent easements, and construction access agreements.
- Estimate assumes COJ will provide all existing survey information and provide a benchmark for the project.
- Estimate assumes all work to be performed in accordance with the COJ specifications.
- Estimate does not include any work associated with any relocation or new irrigation/ landscaping services (other than grassing impacted areas), as this will be performed by others (per bid documents) in a separate contract.
- Existing private and public utility locates, identification, protection, isolation, and relocation by others (including but not limited to electric, water, sewer, cable, telephone, misc. communications, traffic signal, street lighting, gas, fiber optic
- Estimate excludes unknown subsurface debris removal/ disposal.
- Estimate excludes unsuitable soil removal/ replacement, as we do not anticipate this scope to be required on the project.
- Estimate excludes any work associated with the discovery or handling of hazardous or non-hazardous waste that may be encountered while constructing this project.
- Estimate is based on DCP from COJ Dated January 22, 2019

GMP Proposal Pricing Valid for 60 days from the date of this proposal

Submitted by: J.B. Coxwell Contracting, Inc. - 6741 Lloyd Road West, Jacksonville, Florida 32254

EXHIBIT BB-1

gai consultants
transforming ideas into reality

December 19, 2018

Jayson Smith
Design-Build Manager
J.B. Coxwell Contracting, Inc.
6741 Lloyd Road West
Jacksonville, Florida 32254

Re: Fee Proposal for 100% Design, Permitting and Post Design of Demolition of the Leland Street and Smith Street Bridges over McCoys Creek Design-Build Construction Delivery for the City of Jacksonville RFQ CDB-0006-16/City Contract No. 6533-54

Dear Mr. Smith:

In accordance with the terms and conditions of our master agreement for professional services dated 06-07-16, **GAI Consultants, Inc., (GAI)**, is providing you with this proposal for the above referenced project.

Project Understanding and Scope of Services

GAI is in receipt of a Design Criteria Package (DCP) issued by the City of Jacksonville dated November 2018 for the subject project. The scope of the work is generally described as providing for 100% design, permitting and construction for the demolition of the Leland Street and Smith Street Bridges over McCoys Creek, with all associated approach roadway improvements to accommodate same. The full details of the proposed project that served as the basis for this proposal are per the DCP, which is attached to this proposal for reference.

Based on the above, GAI proposes the following scope of services.

1. Perform the required surveying
2. Perform the required environmental services with SJRWMD and ACOE
3. GAI will develop 100% design documents for this project so that they are suitable for permitting and construction by J.B. Coxwell Contracting, Inc.
4. Obtain a City of Jacksonville 10-set permit.
5. Obtain SJRWMD/ACOE Permits as may be applicable.

Finally, GAI's scope of work will entail managing the project during the 100% design phase, attending project design review meetings, providing quality assurance and quality control during and at the completion of the 100% design phase, documenting meeting results and directives as issued by the City, schedule evaluations, and budgetary controls.

Items not included in this scope of services:

1. Geotechnical Engineering
2. Wetland Mitigation Fees
3. Landscape Design
4. Hardscape Design
5. Tree Mitigation or Mitigation Fees
6. Irrigation Design.
7. Drainage modeling.
8. Stormwater facility design/permitting.
9. Any other design services not specifically itemized herein.

gai consultants
transforming ideas into reality.

If you have any questions, please do not hesitate to give us a call.

Regards,

GAI CONSULTANTS, INC.

Kevin R. Leadbetter, P.E.
Vice President

Attachments: GAI Fee Summary
Design Criteria Package dated November, 2018

Exhibit A - Page 1 of 1

CONTRACT FEE SUMMARY FOR

Smith St. & Leland St. 100% Bridge Demolition Design Services (Lump Sum)

PART I - GENERAL	
1. Project - D/B Construction Delivery for COJ 100% Smith St. & Leland St.	2. Project Number CDB-0006-16
3. Name of Consultant GAI Consultants, Inc.	4. Date of Proposal 12/19/2018

PART II - LABOR RELATED COSTS				
5. DIRECT LABOR	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Principal	$ 104.30	2	$ 208.60	
Project Manager (Responsible Prof.)	$ 84.59	12	$ 1,015.08	
Senior Project Engineer	$ 64.49	16	$ 1,031.84	
Project Engineer	$ 49.14	52	$ 2,555.28	
Engineer Intern	$ 34.38	44	$ 1,512.72	
Senior Designer	$ 37.95	12	$ 455.40	
Designer/Sr. CADD Technician	$ 28.43	26	$ 739.18	
CADD Technician	$ 25.14	10	$ 251.40	
Clerical	$ 19.91	2	$ 39.82	
Survey Manager (PSM)	$ 58.62	12	$ 703.44	
Three Man Survey Crew	$ 79.04	40	$ 3,161.60	
			TOTAL DIRECT LABOR	$ 11,674.36
6. OVERHEAD (Combined Fringe Benefits & Administrative) Overhead Rate 173.58%				$ 20,264.35
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				$ 31,938.71
8. PROFIT: Labor Related Costs (Item 7)			x 10%	$ 3,193.87
			SUB-TOTAL SALARY RELATED COSTS	$ 35,132.59
PART III - OTHER COSTS				
9. MISCELLANEOUS DIRECT COSTS (Lump Sum)				
Misc. Direct Expenses (Lump Sum)				$ 1,200.00
SJRWMD Permit				$ 2,600.00
			MISCELLANEOUS DIRECT COSTS SUB-TOTAL	$ 3,800.00
10. SUBCONTRACTS (Lump Sum)				
Environmental Services Inc.				$ 15,500.00
			SUB-CONTRACT SUB-TOTAL	$ 15,500.00
PART IV - SUMMARY				
			TOTAL LUMP SUM AMOUNT (Items 5, 6, 8, 9 and 10)	$ 54,432.59

EXHIBIT BB-1

Jacksonville
Where Florida Begins.

CITY OF JACKSONVILLE, FLORIDA
PUBLIC WORKS DEPARTMENT

DESIGN CRITERIA PACKAGE

ISSUED TO:

J. B. COXWELL CONTRACTING, INC.

FOR

DEMOLITION OF THE SMITH STREET AND LELAND STREET BRIDGES

CITY PROJECT NUMBER: PW0512 04 AND PW0512 05

RELEASE DATE: JANUARY 22, 2019

PREPARED BY:

PUBLIC WORKS DEPARTMENT

ENGINEERING AND CONSTRUCTION MANGEMENT DIVISION

January 2019

DEMOLITION OF THE LELAND STREET AND SMITH STREET BRIDGES

DESIGN CRITERIA PACKAGE

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CITY OF JACKSONVILLE, FLORIDA

DEMOLITION OF THE SMITH STREET AND LELAND STREET BRIDGES

CITY PROJECT # PW0512 04 AND PW0512 05

DESIGN CRITERIA PACKAGE

RELEASE DATE JANUARY 22, 2019

INTRODUCTION

A **"Design Criteria Package"** provides concise, performance-oriented drawings and/or specifications for a public construction project. The purpose of the design criteria package is to furnish sufficient information to allow a Design Build Firm to prepare a proposal consisting of the Technical Proposal, the Guaranteed Maximum Price and the Guaranteed Completion Date and to permit the City to conduct legitimate, arms-length discussions and conferences to reach an agreement with the Design Build Firm on terms of the Guaranteed Maximum Price and the Guaranteed Completion Date.

The City of Jacksonville has selected a design build contract for this project. The following Design Criteria Package specifies performance-based criteria for the design, permitting, and removal of the existing bridges over McCoy's Creek at Smith Street and at Leland Street, including site investigations and surveys, bridge demolitions, and site restoration requirements.

The following are legal authorities governing this solicitation:

1. Section 287.055, Florida Statutes – Consultants' Competitive Negotiation Act
2. Chapter 126, Part 7 Design-Build Contracts, Ordinance Code, City of Jacksonville, Florida
3. Chapters 471 and 489, Florida Statutes.

When awarded the Project, the Design Build Firm shall be responsible for the complete design, permitting, and construction of the Project in compliance with the provisions of this Design Criteria Package and the City Contract # 6533-54.

The Design Criteria Package shall become an integral part of a Purchase Order issued as provided in the City Contract # 6533-54 with J. B. Coxwell Contracting, Inc. for Design Build Services for Horizontal Engineering Projects.

SECTION 1

DEFINITIONS AND TERMS

1-1 GENERAL.

The City of Jacksonville ("The City"), Public Works Department put together and approved the following Plans and Specifications called "The Design Criteria Package (DCP)" for the purpose of allowing the selected Design Build Firm to prepare the Technical Proposal (TP) to prepare the 100% design, proposed Guaranteed Maximum Price (GMP), and proposed Guaranteed Completion Date (GCD) within **14 calendar days from the release date of the DCP.**

The Design Build Firm shall submit its proposal to demolish and remove the Smith Street and Leland Street Bridges. Submit the proposal, consisting of the Technical Proposal for 100% design and demolition, the Guaranteed Maximum Price and the Guaranteed Completion Date, to the City Project Manager, Nikita Reed, P.E., Engineering and Construction Management Division, 10th floor at 214 N Hogan Street, Jacksonville, FL 32202 no later than 3:00 P.M. on February 5, 2019.

The City intends to commence project negotiations within 1 week after the proposal is received.

The provisions of this DCP represent the technical, material, and quality requirements for the foregoing project. The Design Build Firm is bound by these requirements during the design, permitting and demolition of the Smith Street and Leland Street Bridges.

The Design Criteria Professional may amend the provisions of the DCP after it has been released to the Design Build Firm but prior to the expiration of the 14-day period designated for submitting the TP, the GMP, and the GCD to the City.

A DCP amendment may be issued at the City's initiative or at the request of the Design Build Firm, if the amendment is in the best interest of the City.

Sentences that direct the Design Build Firm to perform work are written in the active voice-imperative mode in the form of commands. The subject of these commands is clearly understood as the "Design Build Firm".

1-2 ABBREVIATIONS.

The following abbreviations, when used in the DCP, represent the full text as shown:

ANSI	American National Standard Institute, Inc.
ASCE	American Society of Civil Engineers
ASME	American Society of Mechanical Engineers
ASTM	American Society for Testing and Materials

AWWA	American Water Works Association
CRSI	Concrete Reinforcing Steel Institute
EPA	Environmental Protection Agency of the United States Government
FBC	2007 Florida Building Code System
FDEP	Florida Department of Environmental Protection
ICC	International Code Council
JEA	JEA aka Jacksonville Electric Authority
MSTCSD	Minimum Specifications for Traffic Control Signals and Devices
MUTCD	Manual on Uniform Traffic Control Devices
NEC	National Electrical Code (NFPA No. 70, 2005 Edition)
NEMA	National Electrical Manufacturers Association
NFPA	National Fire Protection Association
OSHA	Occupational Safety and Health Administration
UL	Underwriters' Laboratories

1-3 APPLICABLE STANDARDS, SPECIFICATIONS, TEST METHODS, AND CODES.

The Design Build Firm shall use standards, specifications, test methods, or other codes as specified in the Standard Specifications for the City of Jacksonville, Public Works Department. Use the most current editions of standards, specifications, test methods, or codes at the time of submitting the bid.

1-4 DEFINITIONS.

The following terms, when used in the DCP, have the meaning as described:

Bidder: For the purpose of this solicitation, the term "Bidder" is deemed to mean a Design Build Firm or Design-Builder submitting a proposal consisting of the TP, the GMP, and the GCD.

Calendar Day: Every day shown on the calendar, ending and beginning at midnight.

City: The City of Jacksonville, Florida, including its Procurement Division, and the Public Works Department.

Change Order: A written order issued by the City and accepted by the Design Build Firm as provided in the City Contract # 6533-54.

Consultant: The Professional Engineer or Engineering Firm registered in the State of Florida. The consultant may be the Engineer of Record or may provide services to the Engineer of Record.

Contract Bond: The security furnished by the Design Build Firm for the purpose of the City Contract # 6533-54.

Contract Claim (Claim): A written demand submitted to the City (Chief of the Engineering and Construction Management Division or his Designee) by the Design Build

Firm seeking additional monetary compensation, time, or other adjustments to the Contract, the City disputes the entitlement or impact of which. Refer to Executive Order NO. 98-01 issued by the Mayor of the City of Jacksonville. Refer to City Contract # 6533-54.

Contractor: For the purpose of this solicitation, the term "Contractor" is deemed to mean a Design Build Firm submitting the TP, the GMP and the GCD.

Design Build Firm or Design-Builder: Design Build Firm means J. B. Coxwell Contracting, Inc. being under a City Contract to perform design build services.

Design Build Contract: Design Build Contract means the City Contract # 6533-54.

Engineer: The Chief of the Engineering & Construction Management Division, Public Works Department, City of Jacksonville ("City Engineer"), acting directly or through his duly authorized representatives; such representatives acting within the scope of the duties and authority assigned to them. In order to avoid cumbersome and confusing repetition of expressions in this Design Criteria Package, it is provided that whenever anything is, or is to be done, if, as, or, when, or where "acceptable, accepted, approval, approved, authorized, condemned, considered necessary, contemplated, deemed necessary, designated, directed, disapproved, established, given, indicated, insufficient, ordered, permitted, rejected, required, reserved, satisfactory, specified, sufficient, suitable, suspended, unacceptable, or unsatisfactory," it shall be understood as if the expression were followed by the words "by the Engineer", "to the Engineer", or "of the Engineer".

Engineer of Record: The Professional Engineer or Engineering Firm registered in the State of Florida that performs services for the Design Build Firm.

Equipment: The machinery and equipment, together with the necessary supplies for upkeep and maintenance thereof, and all other tools and apparatus necessary for the construction and acceptable completion of the work.

Extra Work: Any work which is required by the Engineer to be performed and which is not otherwise covered or included in the project by the existing Contract Documents, whether it is in the natural of additional work, altered work, deleted work, work due to different site conditions, or otherwise. This term does not include a "delay".

Guaranteed Completion Date (GCD): This means the date by which the Design Build Firm shall receive substantial completion of the demolition of both bridges as provided in the Purchase Order issued based on City Contract # 6533-54.

Guaranteed Maximum Price (GMP): The total maximum cost to be paid by the City for Design Build Firm's complete performance under the Design Build Contract Documents, including, without limitations, final completion of all work, all services of the Design Build Firm under the Contract, and all fees, compensation, and reimbursements to the Design Build Firm as provided in the City Contract # 6533-54.

Holidays: Days designated by the City as holidays, which include, but are not limited to New Year's Day, Martin Luther King's Birthday, President's Day, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day and the following Friday, Christmas Eve, and Christmas Day.

Inspector: An authorized representative of the Engineer, assigned to make official inspections of the materials furnished and of the work performed by the Design Build Firm.

Laboratory: The official testing laboratory used by the City.

Materials: Any substances to be incorporated in the work under the Contract.

Plans: The signed, sealed, and dated plans, drawings and specifications prepared by the Engineer of Record and accepted by the Engineer, including reproductions thereof, showing location, character, dimensions, technical requirements, and details of the work to be performed under the Contract. Upon review by the Engineer, the plans will be stamped "Released for Construction", dated, and initialed by the Engineer.

Project: Describes all activities and work necessary for the design, permitting, and demolition of the Smith Street and Leland Street Bridges together with other work listed in this DCP.

Project Manager: Means a licensed design professional appropriate to the project employed by the City, who serves as the City's representative and who is responsible for the administration of the design build project.

Project Site: Means the specific location of the bridges that are to be removed under the Contract.

Special Provisions: Specific clauses adopted to the City Contract # 6533-54.

Superintendent: The Design Build Firm's authorized representative in responsible charge of the work under the Contract.

Technical Proposal (TP): Describes engineering plans, specifications, and calculations prepared at the 100% Design Development Level by the Design Build Firm who is submitting the Guaranteed Maximum Price and the Guaranteed Completion Date during contract negotiation with the City. The design shall be sufficiently defined by drawings, a narrative, and outline specifications to enable the City to evaluate the level of quantity and quality of the proposed design and construction based on the DCP. The TP will also serve as the comprehensive documentation enabling the City to determine the reasonableness of the GMP and the GCD. The TP shall become an integral part of the Design Build Contract.

Working Day: Any calendar day on which the Design Build Firm works or is expected to work at the construction site in accordance with the approved work progress schedule.

SECTION 2

PROJECT CONDITIONS

2-1 GENERAL.

In anticipation of the Project, the City has procured the following documents for the proposed removal of the Smith Street Bridge and Leland Street (Hollybrook Ave/McCoy Cr) Bridge:

a. FDOT Bridge Inspection Report.

The Design Build Firm shall carefully inspect and examine the project site by such means as it may prefer before submitting its bid. The City will make the project site available to the Design Build Firm for the purpose of conducting any additional site investigation and examination.

2-2 CURRENT CONDITIONS

The Leland Street Bridge (Bridge #724075) is a 2-lane, single span structure built in 1940. The bridge is a 27 ft. long reinforced concrete – Tee beam structure. The deck is 36 ft. wide with a 2" asphalt overlay. The 2017 ADT is reported as 361.

The Smith Street Bridge (Bridge #724076) is a single span reinforced concrete structure built in 1929. The bridge is 25 ft. long. The deck is an 8 ½" concrete deck with a 1" asphalt overlay. The bridge is not currently used for vehicular traffic.

Figure 1

2-3 SPECIAL CONDITIONS.

a. Existing Conditions. It is intended that the design, permitting, and demolition shall include all labor, equipment, materials, and services necessary to complete the work. The designers are cautioned to familiarize themselves with existing site conditions and to include all incidental work that might occur. The Contractor and all of his/her Subcontractors shall visit the site and become fully aware of and familiar with all existing conditions relating to this Project. The Design Build Firm shall inform itself concerning the location of existing utilities, pipelines, and structures of every type which may interfere with the work. The Design Build Firm shall prepare the proposal in full understanding of the conditions that may be encountered and the resultant responsibilities in connection therewith. All existing utilities, pipes, wires, and other structures or items which must be preserved in place shall be protected from damage by the Design Build Firm. Should such items be damaged as a result of the Contractor's operations, they shall be restored by the Contractor to at least as good condition as that in which they were found immediately before the work began, at no additional cost to the City.

b. Maintenance of traffic during construction will be required. The Contractor will be responsible for the development and implementation of an approved MOT Plan. Direct coordination with the City's Traffic Operations Division, Mr. Christopher LeDew (255-7533), is authorized.

c. A Contractor's Office shall NOT be required at the construction site.

d. Shop Drawings, manufacturer's literature, material samples, and any other data are required for the City's approval prior to ordering and installing. Five (5) sets of shop drawings are required by the Engineering and Construction Management Division and they shall be submitted to Thomas McKnight, Manager, Contract Administration Section, 10th floor, 214 N. Hogan Street, Jacksonville, Florida 32202.

e. The Design Build Firm shall be solely responsible for ensuring the safety of its crews, employees, and subcontractors, along with the safety of the public, as the work that is required by the Contract documents is performed. The Design Build Firm shall especially exercise caution while operating heavy equipment.

f. The Design Build Firm shall be solely responsible for developing and implementing an erosion and sediment control plan in compliance with the City, State and Federal requirements. Refer to the NPDES as established under the 40CFR122.2.

g. Should incinerator ash be encountered as part of the work, the City's Incinerator Ash Management Plan is included in Appendix A. If suspected ash material is encountered, the City will act as the Environmental Consultant for the identification requirements in Section 22.3. If the material is determined to be ash, the DBF would need to provide an Environmental Consultant for the activities outlined in the remaining sections.

SECTION 3

SCOPE OF WORK

3-1 GENERAL.

The Design Build Firm is required to submit its proposal for the design, permitting, and demolition work necessary to remove the Smith Street Bridge and the Leland Street Bridge. Insurance, indemnification, and project bonds shall be as provided in the City Contract # 6533-54.

3-2 SCOPE OF PERMITTING SERVICES

a. The Design Build Firm is responsible for obtaining all permits necessary to complete the Work. The DBF shall apply for all permits on behalf of the City, pay required application fees, pay associated permit fees, and secure approvals as required by law. Permits and approvals may be required from St. Johns River Water Management District, Florida Department of Environmental Protection, U.S. Army Corps of Engineers, City of Jacksonville Building Inspection Division, and any other agencies having jurisdiction over the work for this project.

3-3 DESIGN PARAMETERS AND SCOPE OF SERVICES

a. Design a safe and systematic approach for the complete removal of the Smith Street Bridge, the Leland Street Bridge, and all associated above and below ground structures. All demolished material will be the property of the contractor and shall be removed from the construction site by the date of project completion. If piles are present, cut to 2 ft. below the existing grade and locate in as-built drawings. Restore disturbed areas with sod to match the existing grass type. Impacted banks of McCoy's Creek shall be graded and stabilized to limit erosion

b. Remove any roadway or approach sections leading to the bridges. On the north side of the Leland Street Bridge, remove the section of roadway between the bridge and the entrance to Hollybrook Park. On the south side of Leland Street Bridge, remove the section of Roadway between the bridge and McCoy's Creek Blvd. Provide traffic control devices, including pavement markings, signage, and guardrails, as required by MUTCD, FDOT, and City standards.

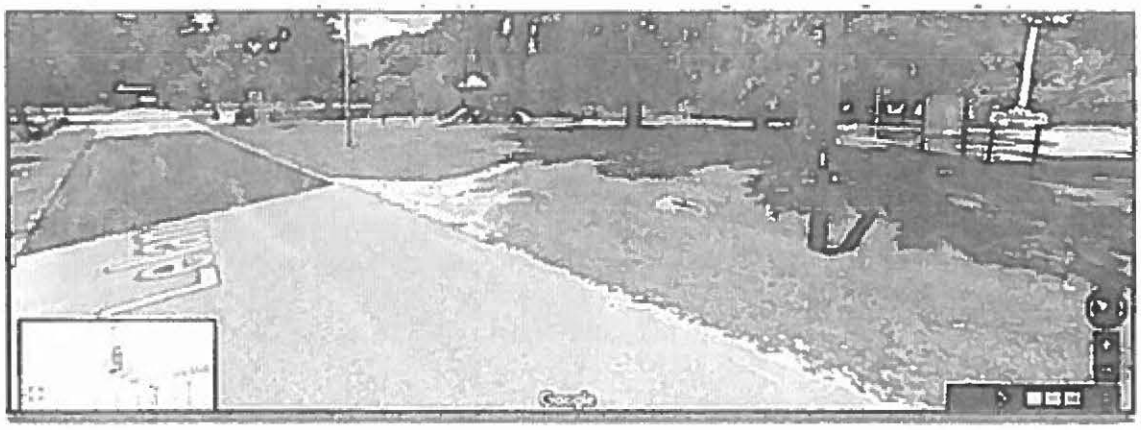

Figure 2

Figure 3

c. The Design Build Firm is responsible for obtaining core borings, soil sampling, and site investigations necessary to prepare the demolition design.

d. Determine the surveys needed to complete the project. All required surveys shall be included in the Scope of Work.

e. Determine the traffic control requirements for the roadways after removal of the structures. Determine the requirements to relocate any existing utilities that will be impacted by the Project.

f. The Design Build Firm shall submit for review and obtain the Engineer's approval of plans and specifications prepared for the project prior to demolition.

g. Prepare all drawings and specifications as well as obtain all required approvals for Maintenance of Traffic during construction work. The MOT plan shall be coordinated, reviewed, and approved by the City Traffic Operations Section.

h. The Design Build Firm shall furnish the City with four (4) sets of permitted final signed, sealed, and dated plans and specifications for the Project. In addition, the Design Build Firm shall provide the City with the electronic version of all plans and specifications in AutoCAD – Microsoft Word format on a CD. Furthermore, the Design Build Firm shall provide the City with one complete set of permits and approvals required for the project.

i. The AutoCAD files shall comply with the following requirements: (1) All drawings shall be 100% AutoCAD files, 2012 Version or newer; (2) Use standard AIA layer system; (3) All AutoCAD files shall be transferred to CD by "E-transmit" command; (4) Use standard AutoCAD fonts/text files only, no third party application; (5) Title blocks and logos to be compatible with Items 1-4, use the City of Jacksonville title block; (6) The "z" coordinate shall be set to zero in all cases; and (7) All drawings shall be 11" x 17" (full scale).

3-4 SCOPE OF DEMOLITION SERVICES

a. Upon receipt of copies of final plans, specifications, and permits from the Design Build Firm, the City shall issue a Notice to Proceed for the demolition work.

b. For all construction requirements, conditions, and provisions that bind the Design Build Firm, refer to City Contract # 6533-54.

c. Remove any trees interfering with the Work and approved for removal via permit. The need for a laydown yard shall be determined. If additional land is required for construction or detours, coordinate with the City Project Manager to obtain these easements.

d. Maintain safe access to private properties and Hollybrook Park at all times. If this is not practical, a scheme must be developed to minimize the "no access" period and provide full coordination with all impacted citizens. The Design Build Firm shall be responsible for meeting all MOT requirements as provided in the approved MOT Plan.

e. Contact utility companies through Sunshine 811 via phone at 811 or (800) 432-4770 prior to commencing excavation work.

f. Restore all disturbed areas as directed in the approved plans.

g. Prepare all as-built drawings and maps and have them certified by the Engineer of Record and the Licensed Land Surveyor.

SECTION 4

SUBMITTAL OF TP, GMP AND GCD

4-1 GENERAL

The Design Build Firm shall submit three (3) sets of its proposal consisting of the following elements:

a. TP as defined in Sections 1 thru 3 of this DCP and in City Contract # 6533-54.

b. Separate Cost of the Work consisting of the cost as defined in City Contract # 6533-54.

c. Proposed Design Build Firm's Contingency as provided in City Contract # 6533-54.

d. Proposed Design Build Firm's Fees as provided in City Contract # 6533-54.

e. Proposed construction time upon which the proposed GMP is based together with the schedule upon which the GCD is based.

f. A statement of additional services.

g. The time limit for acceptance of the GMP Proposal.

END OF THE DESIGN CRITERIA PACKAGE.

APPENDIX A

INCINERATOR ASH MATERIAL MANAGEMENT PLAN

(The remainder of this page intentionally left blank).

SECTION 22

INCINERATOR ASH MATERIAL MANAGEMENT PLAN

INDEX

Section Name	Section No.
Introduction	22.1
Identification of Ash	22.2
Notification and Suspension of Work	22.3
Handling, Sampling and Characterization of Ash	22.4
Transportation and Disposal of Ash	22.5
Documentation	22.6
Safety	22.7

SECTION 22

INCINERATOR ASH MATERIAL MANAGEMENT PLAN

22.1 Introduction

The following Management Plan (hereinafter referred to as the "Plan") has been prepared as guidance on Incinerator Ash Material (hereinafter referred to "Ash") that may be encountered by Contractors performing construction/excavation projects for the City of Jacksonville (herein after referred to as "City"). This Plan may be incorporated into City construction contracts. If the contract does not include provisions on encounters with contaminated media generally, or Ash specifically, this guidance should be followed. The Plan includes the following:

- Procedures for identification of Ash,
- Procedures for notifications to City and regulatory officials,
- Procedures for handling, storing, and characterizing the Ash for proper disposal,
- Procedures for transporting the Ash to an approved facility for disposal, and
- Minimum requirements for documenting Ash handling and disposal activities.

The following sections detail the minimum procedures necessary for handling encountered Ash material.

22.2 Identification of Ash

Ash is referred to as material generated by melting and burning of municipal and household waste at incinerator facilities. According to City of Jacksonville - Solid Waste and Resource Management, most of the incinerator activities were conducted between the 1950s and 1960s. The Ash may be found in areas of the City where non-native material was used as backfill for parks, small creeks, ponds, etc.

The Ash may be visually identified by inspecting excavated soils for the presence of broken glass, pottery, pieces of metal, etc., darkened by the burning process. Ash is also commonly found fused together into uneven-shaped, variable-size pieces, with a reddish-orange color.

22.3 Notification and Suspension of Work

Immediately upon unexpectedly encountering suspected Ash-laden soils and unless the contract provides other procedures, the contractor must suspend work

into Ash-laden media and notify the City's Project Manager. If the Project Manager and contractor disagree that Ash-laden soils have been encountered, an environmental consultant should be engaged to positively identify the material. Regardless of any disagreement between the Project Manager and the contractor about the nature of the material, the Project Manager shall immediately notify the Environmental Law Division, Office of General Counsel (OGC) at 904/630-1723 or 630-1700. OGC shall advise the Project Manager about which federal, state, and/or local environmental regulatory authorities to notify, to include contacting FDEP representative Ashwin B. Patel at (904) 448-4320, ext 378.

22.4 Handling, Sampling and Characterization of Ash

All Ash excavated before the suspension of work in contaminated soil shall be temporarily stored on-site, in lined roll-offs or, depending upon quantity, hazardous waste containers. On-site storage cannot exceed 90 days without a hazardous waste storage permit from the Florida Department of Environmental Protection (FDEP). Every reasonable effort should be made to remove Ash determined to be hazardous waste (HW) from the site within 30 days after characterization. In order to ensure disposal of HW within 90 days, if ash material is determined to be HW, the sampling should be completed within 15 days of discovery/excavation and sent for analysis. Under no circumstance should hazardous waste be stored on site for so long that a hazardous waste storage permit must be sought. Unless otherwise provided in the contract, the contractor, in consultation with the Project Manager, shall arrange for suitable storage containers, including roll-offs, and if necessary, off-site treatment or disposal. The City's Project Manager shall be responsible for determining when construction may resume.

The following is a recommended schedule of activities to ensure that excavated material gets disposed of in less than 90 days:

- Day 1 — Discovery or Removal and containerization of ash material
- Day 15 — Sampling
- Day 16-60 — Analysis
- Day 60-70 — Review analytical data/report and make HW determination
- Day 70-75 — Arrange for waste disposal
- Day 80-85 — Waste shipped off-site

Recognizing that some small amount of Ash-laden soil may have been excavated before the contractor's personnel conclude or suspect that Ash has been encountered, such excavated Ash material must initially be covered with visqueen, surrounded with a temporary fence, and posted with signs warning that the material may be hazardous. This work shall be performed by the contractor. This will limit the public's exposure to potential hazardous waste until suitable

containers or roll-offs are mobilized onto the site, the appropriate regulatory authorities have been notified, and sampling the excavated soils has been done.

At a minimum, three to five samples from each roll-off, or one from each container must be collected for analyses of the eight Resource Conservation and Recovery Act (RCRA) metals (arsenic, barium, cadmium, chromium, lead, selenium, silver, and mercury) according to the Toxicity Characteristic Leaching Procedure (TCLP) (EPA Method 1311) to evaluate whether the excavated Ash is hazardous waste. Three to five samples with evidence of Ash from each roll-off or container must also be submitted for analyses of the parameters listed in EPA Method 6010 for total metal, EPA Method 8260 for Volatile Organic Compounds (VOCs), EPA Method 8270 for Semi-Volatile Organic Compounds (SVOCs), Polychlorinated Biphenyls (PCBs), Pesticides and Herbicides, Oil & Grease, and Total Recoverable Petroleum Hydrocarbons (TRPH) by the FL-PRO Method. Sample collection must be conducted under FDEP-approved Comprehensive Quality Assurance Project Plan (CQAPP), in accordance with the requirements listed by FDEP in DER QA-001-"Standard Operating Procedures for Laboratory Operations and Sample Collection Activities."

When the environmental consultant for the contractor receives the laboratory analyses a copy of the laboratory reports shall be provided to the City's Project Manager. Also, copies of all analytical results should be provided to Ashwin B. Patel, FDEP. If the City has arranged for the laboratory analyses, copies of the laboratory report will be given to the contractor upon receipt. The contractor, or authorized environmental consultant, must review the results of the laboratory analyses to determine the hazardous characteristics of the Ash material. If the results of the TCLP (lower detection limits would have to be requested from the lab before the samples are run) or of the Synthetic Precipitation Leaching Procedure (SPLP) (EPA Method 1312) exceed the groundwater cleanup levels established in Chapter 62-277, FAC, or if total analyses concentrations exceed the Florida residential cleanup target goals, the material shall not be returned to the original excavation. If the results from the SPLP or the TCLP (modified for lower detection limits) are below the Florida groundwater cleanup levels and the total analyses concentrations are below Florida residential soil cleanup targets goals, the material may be returned to the original excavation area only with approval from the OGC and the FDEP.

22.5 Transportation and Disposal of Ash

If the ash has not been characterized as hazardous waste by TCLP, has SPLP (or TCLP with lower detection limits) results below Florida groundwater cleanup levels, and any hazardous substances in the material are below Florida residential soil cleanup target goals under Chapter 62-277, FAC, it may be returned to the excavation or used elsewhere in the vicinity of the excavation/construction (if the material is suitable for that purpose). If the ash is characterized as containing a hazardous substance in excess of State soil cleanup target goals, but not as

hazardous waste, arrangements may be made, with guidance from OGC, to dispose of the material as a special waste at an appropriately licensed landfill. If, however, the Ash is characterized as hazardous waste, it must be taken to a licensed hazardous waste treatment or disposal facility.

Upon characterization of the Ash by TCLP as a hazardous waste that must be taken to a licensed hazardous waste treatment or disposal facility, it need not be further characterized using the Toxicity Characteristic Leaching Procedure (TCLP) for the eight RCRA metals, unless required by the treatment or disposal facility. The fencing and signage originally installed shall remain in place until the material has been removed from the site.

Disposal of excavated Ash that has been characterized as hazardous waste shall be properly packaged for transportation, which shall be conducted by a licensed hazardous waste transporter to a licensed treatment or disposal facility.

Ash that is not hazardous waste may, with the concurrence of the City's Solid Waste and Resource Management Department, be sent to Trail Ridge Landfill in Jacksonville, Florida for proper disposal. The procedures for non-hazardous waste transport to and disposal at Trail Ridge Landfill are as follows:

- Notify Trail Ridge Landfill with the estimated amount of material requiring disposal.
- Prepare and submit disposal profiles to the landfill for approval. Profiles sheets may be obtained directly from the landfill by calling Linda Hair at (904) 289-9100. Laboratory results must be included with the profile sheets for approval by the landfill,
- Obtain transportation manifests after approval of the profiles by the landfill, and
- Mobilize roll-offs to landfill for disposal.

Note: *Transportation manifests will be provided by the landfill upon approval of the material for disposal. The number of manifests will depend on the number of loads or roll-offs requiring transportation to the landfill.*

The contractor or designated environmental consultant will be responsible for signing the transportation manifest on behalf of the City.

In the event large quantities must be handled, the contractor or environmental consultant shall:

- Properly identify the analytes exceeding TCLP levels that characterize the Ash as a hazardous waste. The contractor or environmental consultant must notify the City immediately upon determining that the Ash is a hazardous waste,

- Determine the most cost effective method for transportation and disposal of the hazardous waste,
- Contact an approved hazardous waste transportation facility to mobilize the Ash material. The contractor or environmental consultant will be responsible for obtaining all applicable transportation manifests,
- Obtain acceptance of the material for disposal into an approved hazardous waste disposal facility, and ensure compliance with all local, State and Federal disposal requirements.

22.6 Documentation

The environmental consultant conducting the analyses shall submit a report to the contractor and the Project Manager indicating the results of the laboratory analyses. If the material is to be disposed of as hazardous waste or non-hazardous special waste, the contractor shall determine the amount of Ash material to be containerized and/or transported to an appropriate treatment or disposal facility. The contractor shall be responsible for documenting the proper disposition of the Ash, including but not limited to, transportation and disposal manifest, characterization reports, and disposal weigh tickets.

22.7 Safety

Depending upon the laboratory analyses of the Ash material, further excavation of Ash may require the use of 40-hour OSHA trained personnel. Ordinarily, environmental consultants assign such trained personnel to conduct Ash sample collection. Investigations have concluded that Ash may contain elevated levels of arsenic and lead: therefore, proper handling of the material by trained OSHA personnel may be necessary.

APPENDIX B

FDOT INSPECTION/CIDR REPORT

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

Structure ID: 724075 **Inspection**

DISTRICT: D2 - Lake City **INSPECTION DATE: 1/10/2018 NQIS**

BY:	Ayres Associates	STRUCTURE NAME:	HOLLYBROOK AVE/MCCOY CR
OWNER:	4 City/Municipal Hwy Agy	YEAR BUILT:	1940
MAINTAINED BY:	4 City/Municipal Hwy Agy	SECTION NO.:	72 000 000
STRUCTURE TYPE:	1 Reinforced Concrete - 04 Tee Beam	MP:	0 000
LOCATION:	AT MCCOY CREEK BLVD	ROUTE:	00000
SERV. TYPE ON:	5 Highway-pedestrian	FACILITY CARRIED:	HOLLYBROOK AVE
SERV. TYPE UNDER:	5 Waterway	FEATURE INTERSECTED:	MCCOY CREEK

☐ FUNCTIONALLY OBSOLETE ☐ STRUCTURALLY DEFICIENT

TYPE OF INSPECTION: Special-Posted Bridge

DATE FIELD INSPECTION WAS PERFORMED: ABOVE WATER: 1/10/2018 UNDERWATER: N/A

SUFFICIENCY RATING: 71.6
HEALTH INDEX: 95 52

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)
(SPECIAL-POSTED BRIDGE)

Structure ID: 724075 **Inspection**

DISTRICT: D2 - Lake City **INSPECTION DATE: 1/10/2018 NQIS**

BY	Ayres Associates	STRUCTURE NAME	HOLLYBROOK AVE/MCCOY CR
OWNER	4 City/Municipal Hwy Agy	YEAR BUILT	1940
MAINTAINED BY	4 City/Municipal Hwy Agy	SECTION NO	72 000 000
STRUCTURE TYPE	1 Reinforced Concrete - 04 Tee Beam	MP.	0.000
LOCATION	AT MCCOY CREEK BLVD	ROUTE	00000
SERV TYPE ON	5 Highway-pedestrian	FACILITY CARRIED	HOLLYBROOK AVE
SERV TYPE UNDER	5 Waterway	FEATURE INTERSECTED	MCCOY CREEK

☐ 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 Special-Posted Bridge

DATE FIELD INSPECTION WAS PERFORMED ABOVE WATER 1/10/2018 UNDERWATER. N/A

OVERALL NBI RATINGS:

DECK	8 Satisfactory	CHANNEL	5 Bank Prot Eroded
SUPERSTRUCTURE	6 Satisfactory	CULVERT	N N/A (NBI)
SUBSTRUCTURE.	7 Good	SUFF. RATING	71 6
PERF. RATING	2 - Good	HEALTH INDEX	96 52

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

Steege, Casey - Bridge Inspector (CBI#00525) (lead) Casey Steege Digitally signed by Casey Steege Date: 2018.04.04 08:35:02 -04'00'

Wichmann, Tanner - Assistant Bridge Inspector

REVIEWING BRIDGE INSPECTION SUPERVISOR:

Crissey, Dave - Bridge Inspector (CBI #00321) David R Crissey Digitally signed by David R Crissey Date: 2018.04.04 10:06:07 -04'00'

CONFIRMING REGISTERED PROFESSIONAL ENGINEER:

Scherer, Michael - Professional Engineer (P E #56898) Ayres Associates (C. A. #4356)
8875 Hidden River Pkwy
Suite 200
Tampa FL 33637

SIGNATURE: Michael E Scherer Digitally signed by Michael E Scherer

DATE: Date: 2018.04.04 10:42:39 -04'00'

The official record of this package has been electronically signed and sealed using a Digital Signature as required by 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.

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BRIDGE MANAGEMENT SYSTEM
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Structure ID: 724075 **Inspection**

DISTRICT: D2 - Lake City **INSPECTION DATE: 1/10/2018 NQIS**

All Elements

SUPERSTRUCTURE : Superstructure

Str Unit	Elem/Env	Description	Qty1	%1	Qty2	%2	Qty3	%3	Qty4	%4	T Qty
0	110 / 3	Re Conc Opn Girder/Beam	220	90.53	5	2.06	18	7.41	0	.	243 ft
0	1080 / 3	Delamination/Spall/Patched Area	0	.	3	42.86	4	57.14	0	.	7 ft
0	1090 / 3	Exposed Rebar	0	.	0	.	14	100	0	.	14 ft
0	1130 / 3	Cracking (RC and Other)	0	.	2	100	0	.	0	.	2 ft

Element Inspection Notes:

110/3 Note: The concrete Tee beams control the load rating analysis results. Based on the load rating analysis dated 5/15/00, the structure should be posted for SU, C and ST5 type vehicles. The structure is currently posted at each approach as follows: SU-25 Tons, C-32 Tons and ST5-39 Tons. The south weight restriction sign was missing at the time of inspection. A bridge posting notification letter was sent to the owner on 1/10/18. The owner notified FDOT on 1/26/18 that the missing posting sign had been replaced (See Photos 1 and 2).

CS3 - The beams have random spalls up to 4in. x 3in. x 1/2in. with exposed rebar with up to 80% section remaining in both faces as follows: Beam 1-1 (4 spalls), Beam 1-4 (1 spall), Beam 1-8 (6 spalls) and Beam 1-9 (3 spalls) - NO CHANGE (See Photo 3).

There are random honeycomb areas in the bottom edges up to 1ft. x 8in. x 1/2in. - NO CHANGE.

CS2 - Beam 1-1 (sidewalk beam) has a 15in. long x up to 1/32in. wide shear crack in the east face at Abutment 1 - INCREASE (See Photo 4).

Beam 1-9 has random spalls up to 2in. x 5in. x 3/4in. along the bottom east edge - NO CHANGE.

CS1 - The beams have random 1/64in. wide vertical cracks in both faces and across the bottom, less than 1/64in. wide longitudinal cracks in the chamfers adjacent to the deck underside - NO CHANGE.

Beam 1-2 has a 8in. long x up to 1/64in. wide diagonal crack (previously noted as shear crack) in the west face at Abutment 1 - NO CHANGE (See Photo 5).

PREVIOUS CORRECTIVE ACTION EVALUATION:
Repair spalls with exposed rebar throughout the beams - NOT COMPLETED.
Repair shear cracks in Beams 1-1 and 1-2 at Abutment 1 - NOT COMPLETED.

1080/3 Refer to Parent Element

1090/3 Refer to Parent Element

1130/3 Refer to Parent Element

Total Number of Elements*: 1
*excluding defects/protective systems

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

Structure ID: 724075 **Inspection**

DISTRICT: D2 - Lake City **INSPECTION DATE: 1/10/2018 NQIS**

Inspector Recommendations

UNIT: 0 **SUPERSTRUCTURE**

ELEMENT/ENV: 110 / 3 Re Conc Opn Girder/Beam **ELEM CATEGORY: Superstructure**

CONDITION STATE			PRIORITY
1 , 2 , 3	MMS Quantity: 8 mh	Element Estimated Quantity: 0 ft	3

WORK ORDER RECOMMENDATION:

Repair the shear crack in Beam 1-1 and diagonal crack in Beam 1-2

1 , 2 , 3	MMS Quantity: 6 mh	Element Estimated Quantity: 0 ft	3

WORK ORDER RECOMMENDATION:

Repair the spalls with exposed steel throughout the beams

Structure Notes

BRIDGE OWNER: CITY OF JACKSONVILLE
Bridge inventoried from south to north.

Due to Stage 1 Risk Analysis of the Reclassification of Unknown Foundations, this bridge has been determined to be a minimum risk unknown foundation bridge. A Plan of Action has been developed and should be reviewed during routine inspections and/or any special scour inspections. (DMD 4/28/11)

A new photo inventory will be required in 2023 unless upgrades/reconstruction alter structure or approach roadway prior to 2023.

INSPECTION NOTES: NQIS 1/10/2018

TRAFFIC RESTRICTIONS: The Florida Department of Transportation has directed Ayres Associates to express the Department's policies to post weight restrictions by the Operating Ratings. Based on conditions identified in this inspection report, the current load rating analysis dated 5/15/00, is valid. The structure is posted at both approaches for the following: SU = 25 Tons, C = 32 Tons, ST5 = 39 Tons.

LOAD CAPACITY EVALUATION: A cursory review of the current load rating analysis dated5/15/00 was conducted during this inspection by Michael Scherer, P.E. 2/6/18. The findings of this review and inspection reveal no substantial deterioration, geometric changes or additional dead load to the bridge that warrant the need for a new load rating analysis; therefore, the current load rating is considered applicable.

Asphalt overlay = 2"

Note: This Special-Posted Bridge inspection is being performed due to SIA Item 70 being coded 4 or less. Based on the load rating analysis only Element 110 Re Concrete Girder was evaluated and include with this report. For a comprehensive list of all deficiencies noted refer to the routine inspection dated 1/17/17.

Sufficiency Rating Calculation Accepted by KNAAAFA at 2/21/2018 3:53:19 PM

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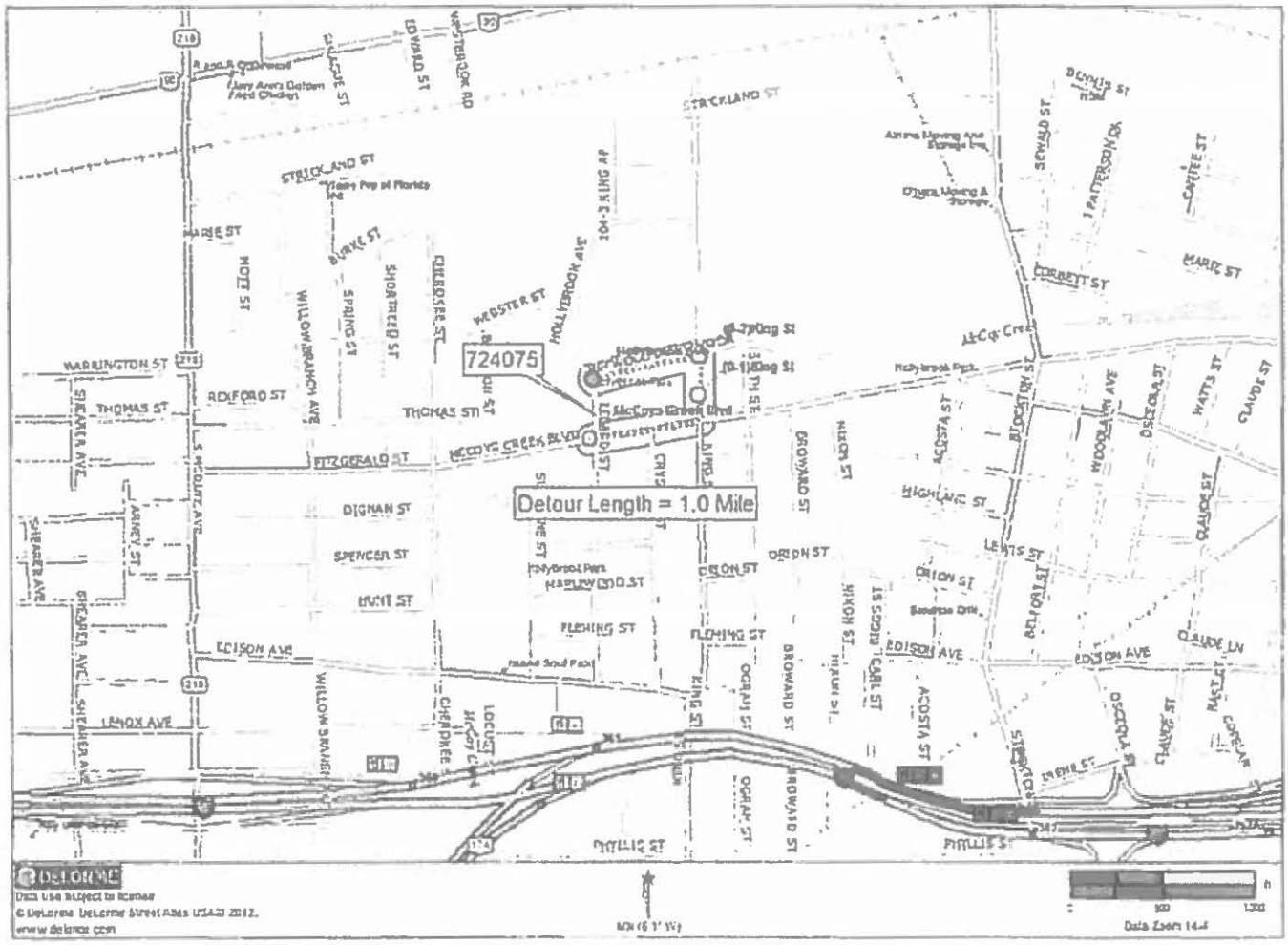
FLORIDA DEPARTMENT OF TRANSPORTATION
BRIDGE MANAGEMENT SYSTEM
Inspection/CIDR Report with PDF attachment(s)
(SPECIAL-POSTED BRIDGE)

Structure ID: 724075 **Inspection**

DISTRICT: D2 - Lake City **INSPECTION DATE: 1/10/2018 NQIS**



HOLLYBROOK AVE OVER McCOY CREEK AT McCOY CREEK BLVD

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BRIDGE MANAGEMENT SYSTEM
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Structure ID: 724075 **Inspection**

DISTRICT: D2 - Lake City **INSPECTION DATE: 1/10/2018 NQIS**

South Approach

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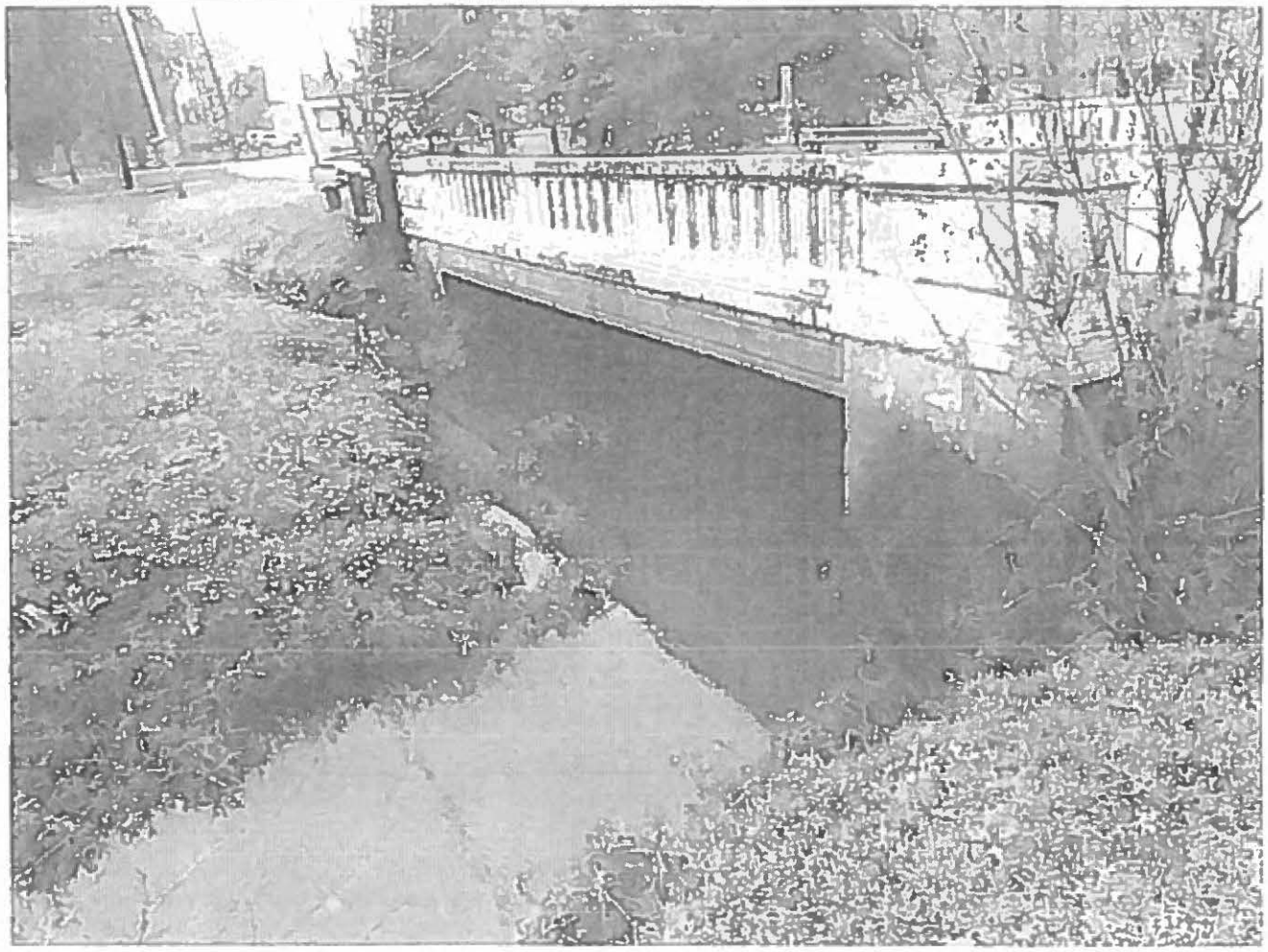
FLORIDA DEPARTMENT OF TRANSPORTATION
BRIDGE MANAGEMENT SYSTEM
Inspection/CIDR Report with PDF attachment(s)
(SPECIAL-POSTED BRIDGE)

Structure ID: 724075 **Inspection**

DISTRICT: D2 - Lake City **INSPECTION DATE: 1/10/2018 NQIS**



West Elevation

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)
(SPECIAL-POSTED BRIDGE)

Structure ID: 724075 **Inspection**

DISTRICT: D2 - Lake City **INSPECTION DATE: 1/10/2018 NQIS**

Photo 1 - Element 110 Re Conc Open Girder/Beam

South Weight Restriction Sign

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FLORIDA DEPARTMENT OF TRANSPORTATION
BRIDGE MANAGEMENT SYSTEM
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(SPECIAL-POSTED BRIDGE)

Structure ID: 724075 **Inspection**

DISTRICT: D2 - Lake City **INSPECTION DATE: 1/10/2018 NQIS**

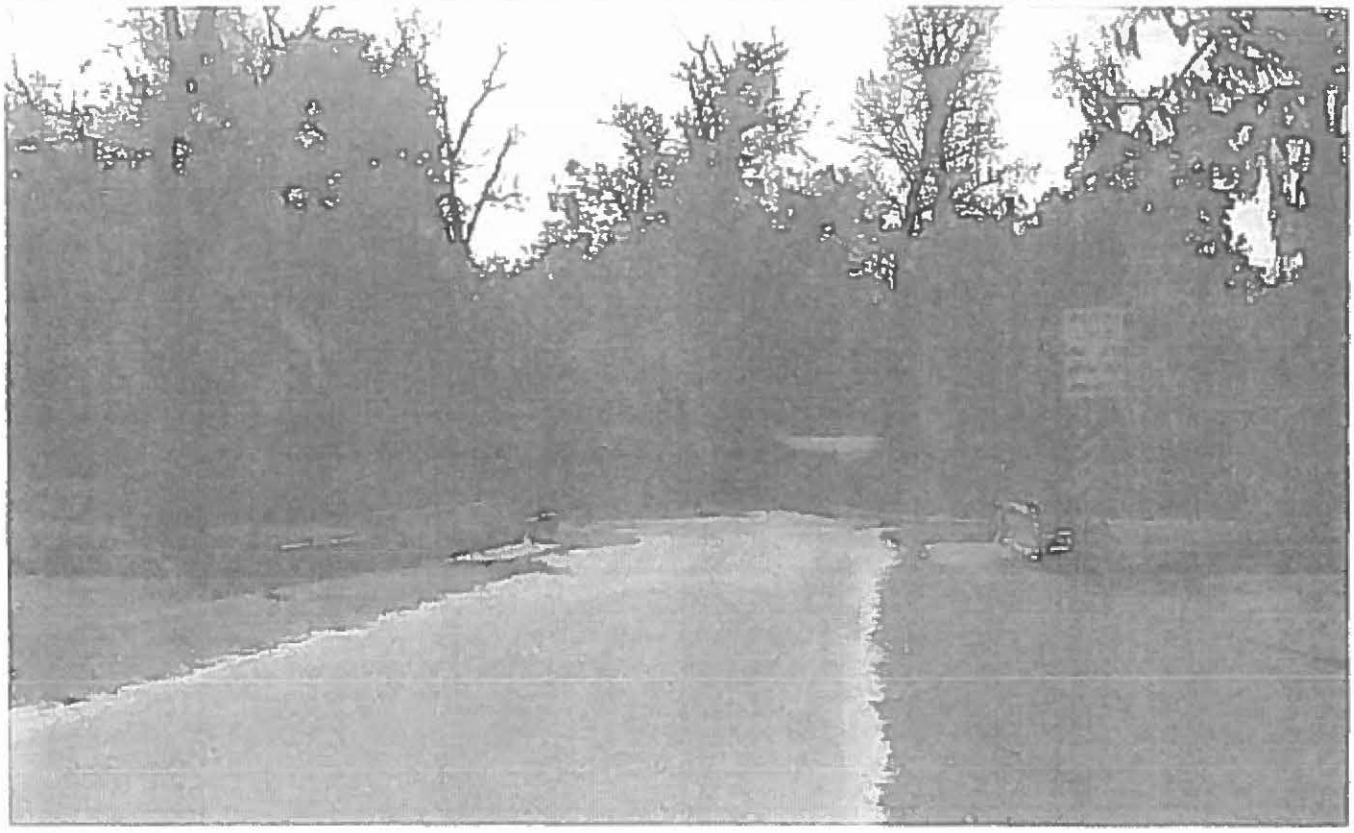

Photo 2 - Element 110 Re Conc Open Girder/Beam

North Weight Restriction Sign

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

Structure ID: 724075 **Inspection**

DISTRICT: D2 - Lake City **INSPECTION DATE: 1/10/2018 NQIS**

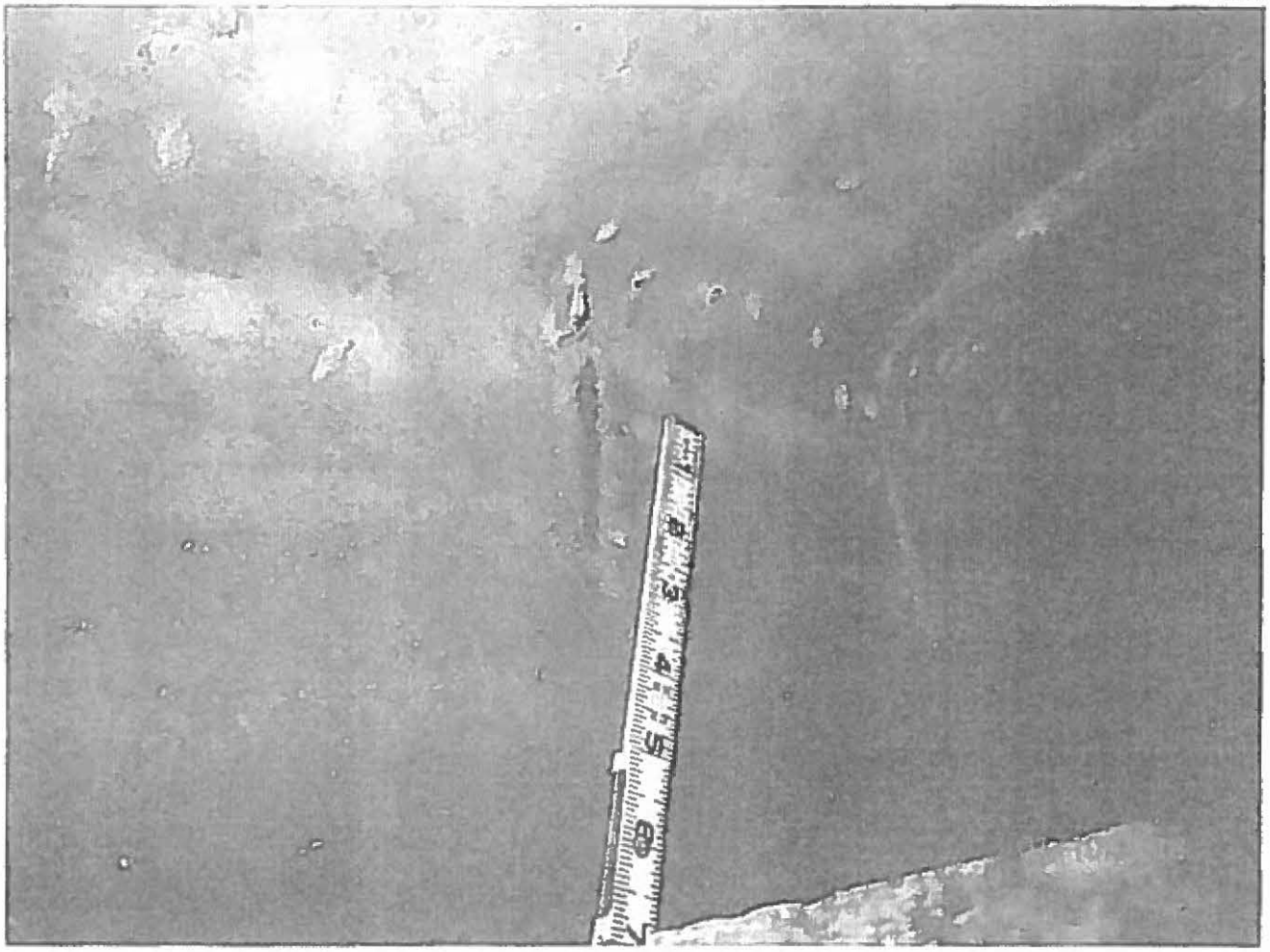

Photo 3 - Element 110 Re Conc Open Girder/Beam

Beam 1-8 spall with exposed rebar.

REPAIR RECOMMENDATION
Repair the spalls with exposed steel throughout the beams.

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

Structure ID: 724075 **Inspection**

DISTRICT: D2 - Lake City **INSPECTION DATE: 1/10/2018 NQIS**

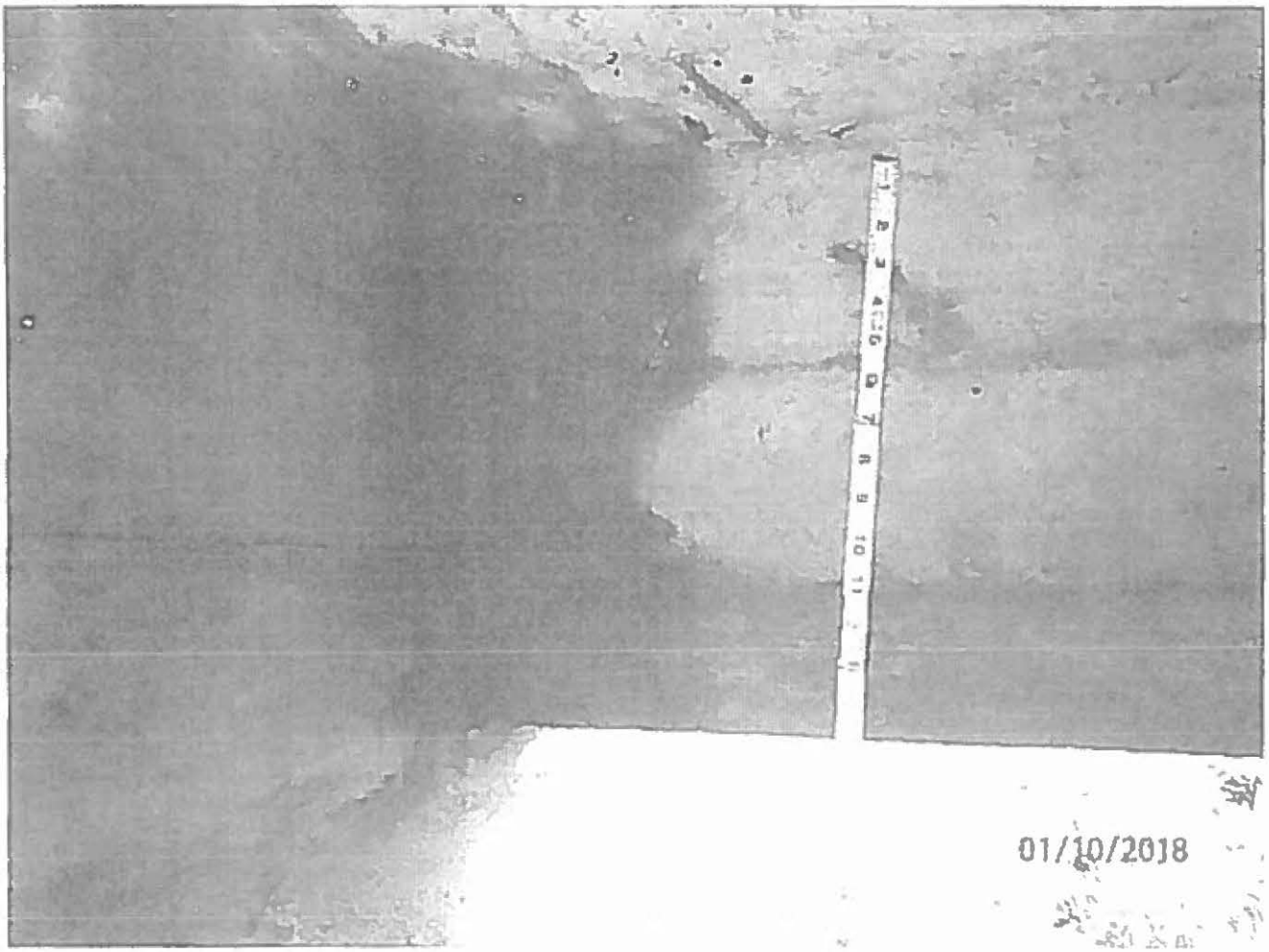

Photo 4 - Element 110 Re Conc Open Girder/Beam

Shear crack in Beam 1-1 at Abutment 1.

REPAIR RECOMMENDATION:
Repair the shear crack in Beam 1-1 and diagonal crack in Beam 1-2

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

Structure ID: 724075 **Inspection**

DISTRICT: D2 - Lake City **INSPECTION DATE: 1/10/2018 NQIS**

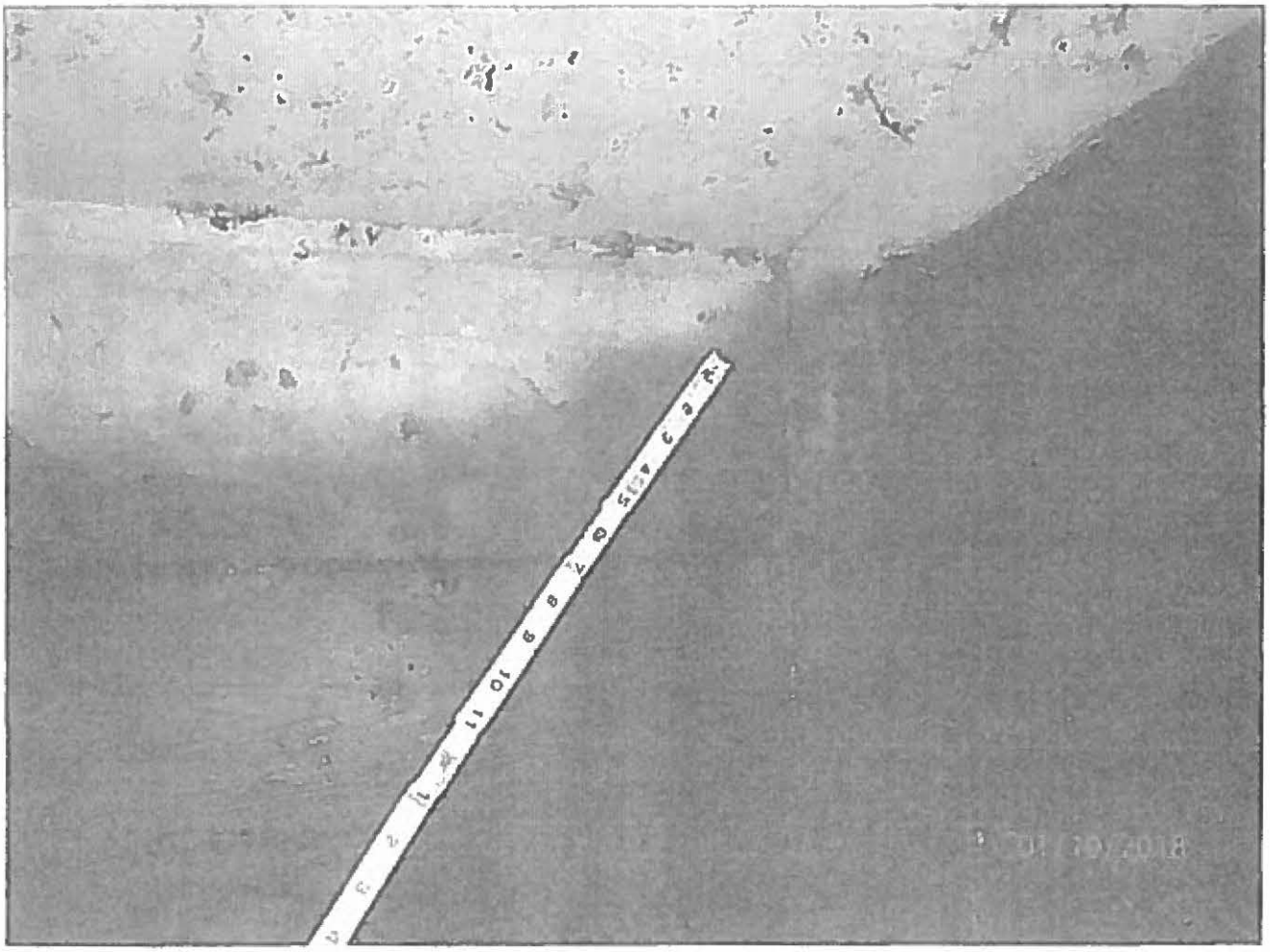

Photo 5 - Element 110 Re Conc Open Girder/Beam

Diagonal crack in Beam 1-2 at Abutment 1.

REPAIR RECOMMENDATION:
Refer to Photo 4

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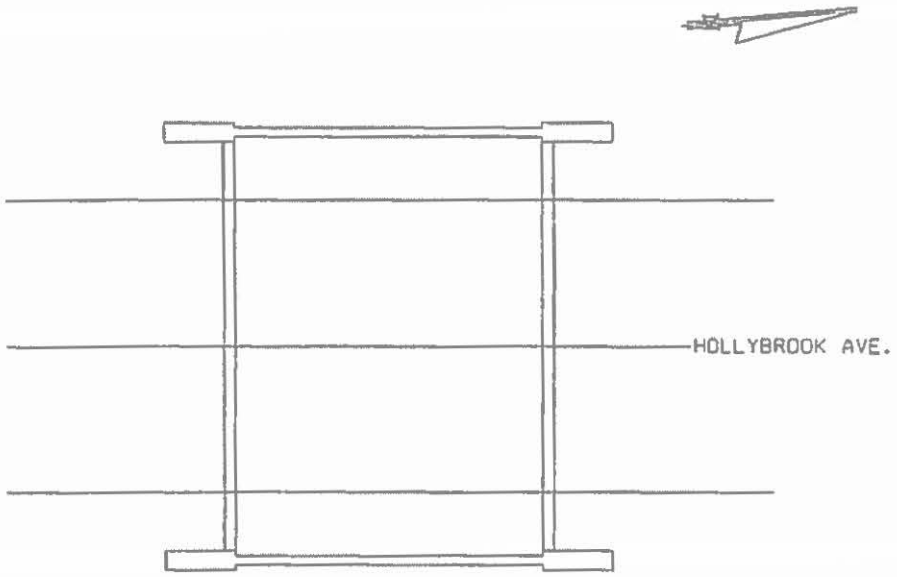
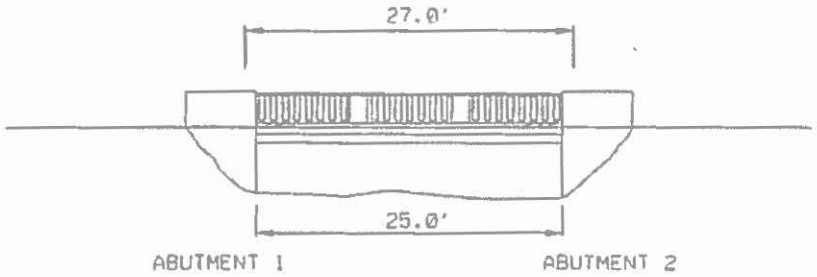
FLORIDA DEPARTMENT OF TRANSPORTATION
BRIDGE MANAGEMENT SYSTEM
BRIDGE INSPECTION REPORT

Bridge No. 724075 | Type of Inspection: Special-Posted Bridge | Inspection Date: 1/10/2018



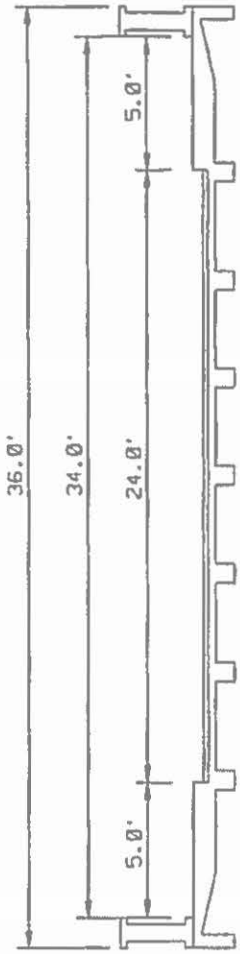
PLAN
NOT TO SCALE



ELEVATION
NOT TO SCALE

FLORIDA DEPARTMENT OF TRANSPORTATION
BRIDGE MANAGEMENT SYSTEM
BRIDGE INSPECTION REPORT

Bridge No. 724075 | Type of Inspection: Special-Posted Bridge | Inspection Date: 1/10/2018



TYPICAL SECTION LOOKING NORTH
NOT TO SCALE

FLORIDA DEPARTMENT OF TRANSPORTATION
BRIDGE MANAGEMENT SYSTEM
BRIDGE INSPECTION REPORT

Bridge No. 724075 | Type of Inspection: Special-Posted Bridge | Inspection Date: 1/10/2018

FIELD PREPARATION DATA

1. Tools and Equipment:
   Normal Bridge Inspection Tools

2. Services:
   N/A

3. Scheduling:
   Daytime Hours

4. Site Condition:
   Traffic – Estimated A.D.T.: 361
   Estimated % of Truck: 5%
   Stream Generally Flows: East
   Current – Light
   Vegetation Conditions: Shoulders and Slopes: Light
   Waterway – Light
   Site accessibility – In urban area
   Embankment Condition: Light vegetation

5. Traffic Control Requirements:
   N/A

6. Underwater Inspection Requirements:
   N/A

7. Underwater Elements Inspected:
   N/A

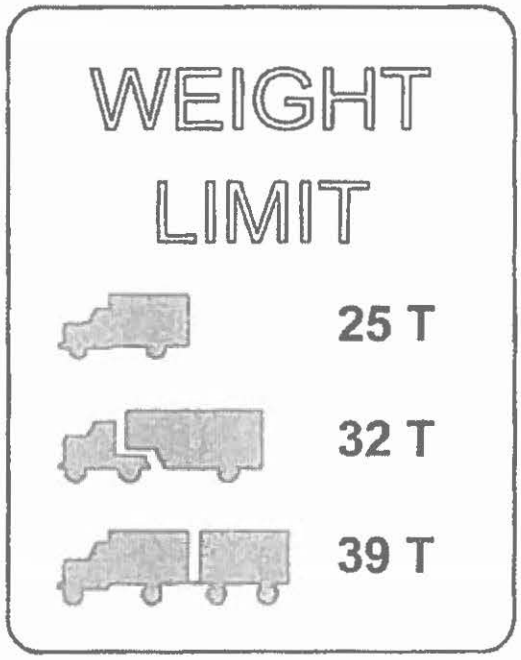
8. Special Access Requirements:
   N/A

FLORIDA DEPARTMENT OF TRANSPORTATION
BRIDGE MANAGEMENT SYSTEM
BRIDGE INSPECTION REPORT

Bridge No. 724075 | Type of Inspection: Special-Posted Bridge | Inspection Date: 1/10/2018

RECOMMENDED POSTING SIGN

RECOMMENDED POSTING SIGN



STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

FORM 850-010-06
MAINTENANCE 06/91
Page 1 of 1

D: LOAD CAPACITY INFORMATION

1. BRIDGE DATA:
   Bridge Number 724075 — Date 05/09/00
   STR Type Main [BMIS Item B1(43)] 104 — STR Type APR [BMIS Item B2(44)]
2. POSTING DATE
   Posted Y If yes, Existing — Posting Needed YES If Yes, Proposed
   Restrictions GROSS WEIGHT LIMIT OF 15 TONS — Restrictions SU3, SU4, C4, C5, ST5
   BMIS Item H8(41) P — BMIS Item H11(70) 2
   BMIS Item H7 (31) UNKNOWN
3. ANALYSIS DATA.

A. Method of Analysis:
- X Load Factor
- ___ Working Stress

B. Analysis System:
- ___ BARS PC Release 5.5-MOD 3 2
- ___ SALOD
- ___ BRUFEM
- ___ Load Test
- X Other HAND CALCS.

C. Analysis Based On:
- ___ Design Drawings
- ___ As-Built Record Plans
- ___ Shop Drawings
- X Field Measurement
- ___ Catalogs
- ___ Sample Testing
- X Other ASSUMPTIONS

D. Data Stored:
- ___ District Office
- ___ Central Office
- ___ Microfilm
- ___ Bridge Owner
- ___ Materials Test Lab
- ___ Other

E. Controlling Member Analyzed:

Material:
- ___ Steel
- X Concrete
  - ___ Cast In Place
  - ___ Precast
  - ___ Prestressed
  - ___ Post Tensioned
- ___ Timber
- ___ Other

Function:
- ___ Slab
- X Stringer
- ___ Floor Beam
- ___ Girder
- ___ Culvert
- ___ Truss

Substructure
- ___ Bent Construction
  - ___ Piling
  - ___ Cap
- ___ Pier Construction
  - ___ Piling
  - ___ Footing
  - ___ Column
  - ___ Cap

Span
- X Simple
- ___ Continuous
- ___ Frame

Slab
- X Non-Composite
- ___ Composite

Shape:
- ___ Rolled
- ___ Built-up Welded
- ___ Built up Riveted
- ___ Box Shape
- ___ AASHTO Girders
- X Other T-BEAM

4. Load Rating Summary Table.

LOAD RATING SUMMARY FOR OPERATING RATING (GROSS TONS)

VEHICLE TYPE	TONS	OPR RATING	OPR FACTO	SPAN NO.	SPAN LENGTH	CONTR. MEMBER	M OR V	LLDF
SU2	17	24.8	1.459	SPAN 1	26.5'	T-BEAM	M	0.639
SU3	33	26.2	0.794	SPAN 1	26.5'	T-BEAM	M	0.639
SU4	35	25.6	0.731	SPAN 1	26.5'	T-BEAM	M	0.639
C3	28	36.4	1.300	SPAN 1	26.5'	T-BEAM	M	0.639
C4	36.6	32.0	0.874	SPAN 1	26.5'	T-BEAM	M	0.639
C5	40.0	34.9	0.873	SPAN 1	26.5	T-BEAM	M	0.639
ST5*	40.0	39.8	0.995	SPAN 1	26.5	T-BEAM	M	0.639
HS20	36	36.4	1.011	SPAN 1	26.5'	T-BEAM	M	0.639

HS 20 Inventory Rating 21.9 Tons — Rating Factor 0.608

5. Comments:
   * Only the rating for the rating truck ST5 is calculated in this rating analysis. See attached sheets for calculations and assumptions used in the analysis. All other ratings and information were obtained from the previous load rating dated 5/8/90 and are included in this summary sheet for completeness.
6. Computations:
   Performed By F. Huang, P. E. — Date 05/09/00
   Checked By S. A. Shaup, P. E. — Date 05/09/00
   Reviewed By G. A. Klevens, P. E. — Date 5/10/00
7. Responsible Engineer:
   P.E. # 47187 — Date 5/10/00

AYRES ASSOCIATES

January 11, 2018

Ayres Associates, Inc.
8875 Hidden River Parkway, Suite 200
Tampa Florida 33637

☒ Emailed
thomasf@coj.net

BRIDGE POSTING NOTIFICATION	
To: Mr. Thomas Fallin City Engineer Duval County (City of Jacksonville) Engineering Division 214 N. Hogan St. 10th Floor, Room 1055 Jacksonville, FL 32202	Bridge No.: 724075 Location: Hollybrook Ave over McCoy Creek at McCoy Creek Blvd. Inspection Date: 1/10/2018 Advisory Date: 1/11/2018 State Contract No.: C9V94 Financial Nos.: 214838-3-72-18 & 214839-3-72-18

Dear Mr. Fallin:

As part of the bridge inspection program, we identified the following posting requirement

- The structure is missing the posting sign at the south approach. Based on the current load rating analysis dated 5/15/2000, posting is required as follows: Single Unit Truck (SU) = 25 tons, Combination Truck (C) = 32 Tons, and Semi Tandem 5 (ST5) = 39 Tons. The bridge is currently posted at the north approach for Single Unit Truck (SU) = 25 tons, Combination Truck (C) = 32 Tons, and Semi Tandem 5 (ST5) = 35 Tons. Refer to the Recommended Posting Sign diagram on the following page. The signs shall conform to FDOT Standard Index Nos. 17302 and 17357.

Please sign, date, and return this advisory along with photos to Melissa Morgan, FDOT District 2 (Email - Melissa.Morgan@dot.state.fl.us), when these posting requirements have been accomplished, and forward a copy to Ayres Associates. It is imperative that you provide FDOT with specific information (attached photographs) on how the bridge is correctly posted. If you have any questions, please contact me at 813-978-8688.

Owner Representative:_____ Date:_____

Thank you.

Sincerely

Michael E. Scherer, P.E.
Structural Engineer
Ayres Associates

Cc: Melissa Morgan, FDOT
Lydia Capps, FDOT
Gary Goldsberry, Duval County (City of Jacksonville)
David Crissey, Ayres Associates

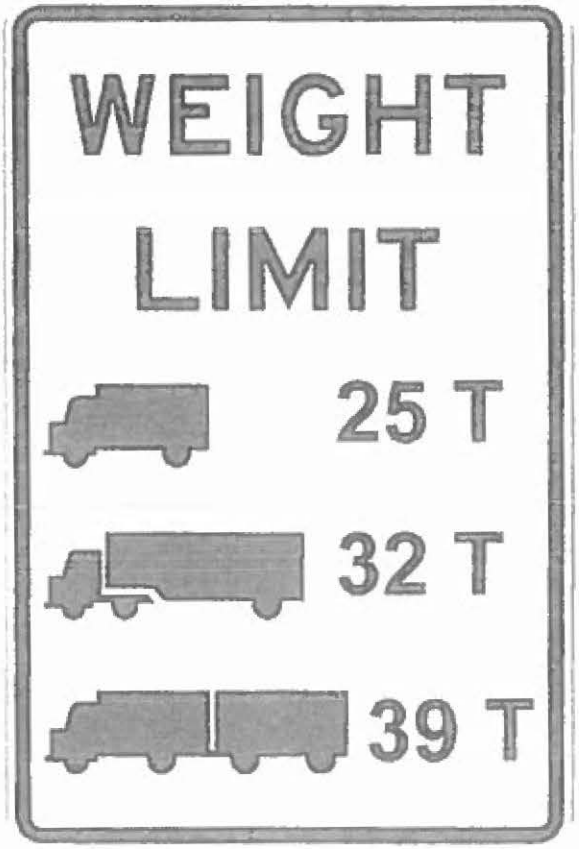
AYRES ASSOCIATES

Location: Hollybrook Ave. over McCoy Creek at McCoy Creek Blvd.
Inspection Date: 1/10/2018
Inspector: Casey Steege, CBI
Bridge Number: 724075

TRAFFIC RECOMMENDATIONS:

Based on the current load rating analysis dated 5/15/2000, posting is required for the SU and C vehicles as follows: SU = 25 Tons, C = 32 Tons, and ST5 = 39 Tons. Currently, the south approach posting sign is missing. The bridge is posted at the north approach for SU, C, and ST vehicles as follows: SU = 25 Tons, C = 32 Tons, and ST5 = 35 Tons.

RECOMMENDED POSTING SIGN



AYRES ASSOCIATES

Location: Hollybrook Ave. over McCoy Creek at McCoy Creek Blvd
Inspection Date: 1/10/2018
Inspector: Casey Steege, CBI
Bridge Number: 724075

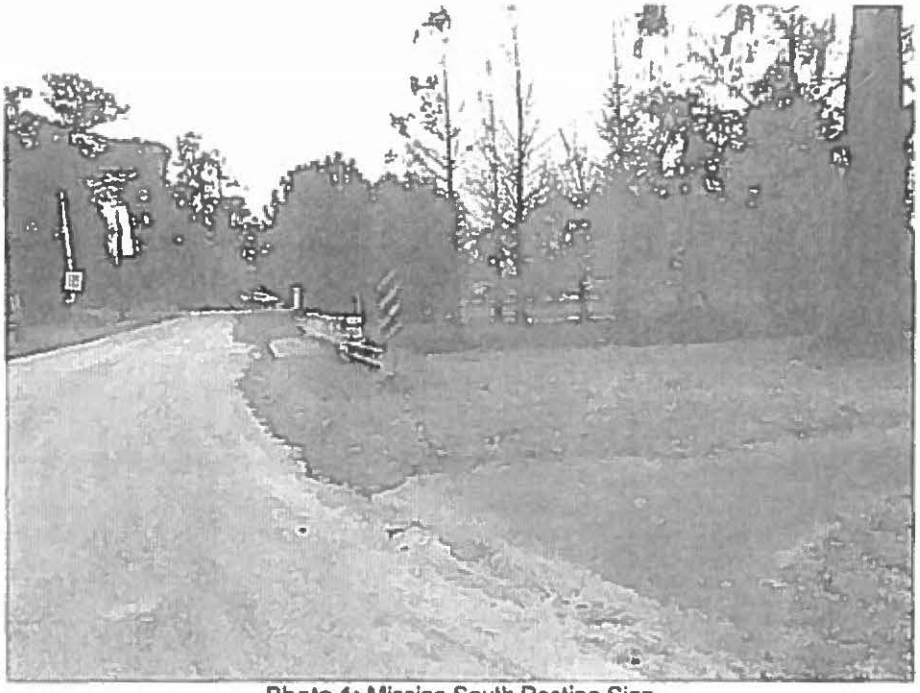


Photo 1: Missing South Posting Sign

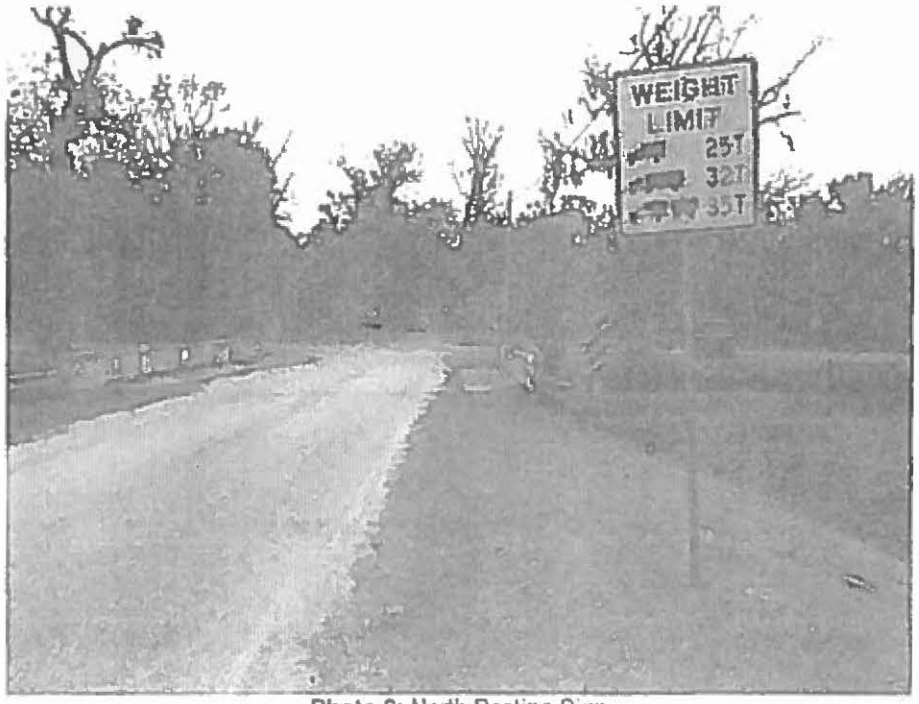


Photo 2: North Posting Sign

AYRES ASSOCIATES

January 11, 2018

Ayres Associates, Inc.
8875 Hidden River Parkway, Suite 200
Tampa Florida 33637

☒ Emailed
thomasf@coj net

BRIDGE POSTING NOTIFICATION	
To: Mr. Thomas Fallin City Engineer Duval County (City of Jacksonville) Engineering Division 214 N. Hogan St. 10th Floor, Room 1055 Jacksonville, FL 32202	Bridge No.: 724075 Location: Hollybrook Ave. over McCoy Creek at McCoy Creek Blvd. Inspection Date: 1/10/2018 Advisory Date: 1/11/2018 State Contract No.: C9V94 Financial Nos.: 214838-3-72-18 & 214839-3-72-18

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Owner Representative: _____ Date: 26 JAN 2018

SEE ATTACHED PHOTOS (E-MAIL)

Thank you

Sincerely

Michael E. Scherer, P.E.
Structural Engineer
Ayres Associates

Cc: Melissa Morgan, FDOT
Lydia Capps, FDOT
Gary Goldsberry, Duval County (City of Jacksonville)
David Crissey, Ayres Associates

EXHIBIT BB-1

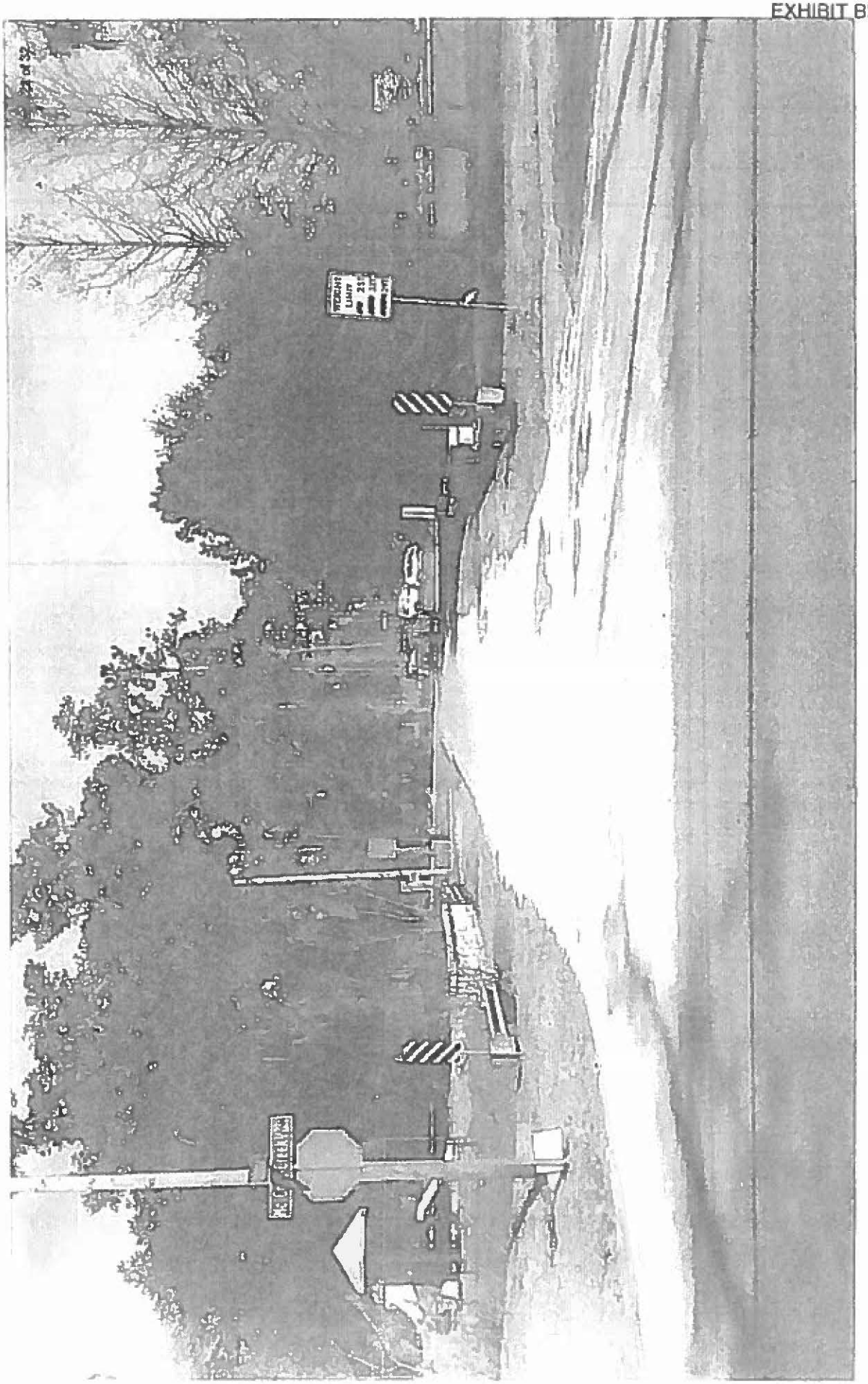

EXHIBIT BB-1

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

REPORT ID: INSP005
Structure ID: 724075
CIDR
DATE PRINTED: 3/29/2018

Description

Structure Unit Identification

Bridge/Unit Key: 724075 0
Structure Name: HOLLYBROOK AVE/MCCOY CR
Description: MAIN SPAN 1
Type: M - Main

Roadway Identification

NBI Structure No (8): 724075
Position/Prefix (5): 1 - Route On Structure
Kind Hwy (Rte Prefix): 5 City Street
Design Level of Service: 1 Mainline
Route Number/Suffix: 00000 / 0 N/A (NBI)
Feature Intersect (6): MCCOY CREEK
Critical Facility: Not Defense-crit
Facility Carried (7): HOLLYBROOK AVE
Mile Point (11): 0
Latitude (16): 030d19'35.6" Long (17): 081d41'54.8"

Roadway Traffic and Accidents

Lanes (28): 2 Medians: 0 Speed: 25 mph
ADT Class: 2 ADT Class 2
Recent ADT (29): 361 Year (30): 2017
Future ADT (114): 626 Year (115): 2039
Truck % ADT (109): 5
Detour Length (19): 1 mi
Detour Speed: 15 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): 72 000 000 Sub Rte (13b): 00
Functional Class (26): 19 Urban Local
On Federal Aid System: No
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): 20 ft
Horiz. (47): 34 ft Roadway (51): 24 ft
Truck Network (110): 0 Not part of nat'l netwo
Toll Facility (20): 3 On free road
Fed. Lands Hwy (105): 0 N/A (NBI)
School Bus Route: [X]
Transit Route: [X]

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): 5 Bank Prot Eroded
Deck (58): 6 Satisfactory
Superstructure (59): 6 Satisfactory
Substructure (60): 7 Good

Culvert (62): N N/A (NBI)
Waterway (71): 6 Equal Minimum
Unrepaired Spalls: -1 sq.ft
Review Required: [X]

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

REPORT ID: INSP005
Structure ID: 724075
CIDR
DATE PRINTED: 3/29/2018

Structure Identification

Admin Area: North Florida
District (2): D2 - Lake City
County (3): (72)Duval
Place Code (4): Jacksonville
Location (9): AT MCCOY CREEK BLVD
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): 4 City/Municipal Hwy Agy
Owner (22): 4 City/Municipal Hwy Agy
Historic Signif. (37): 4 Hist sign not determin

Geometrics

Spans In Main Unit (45): 1
Approach Spans (46): 0
Length of Max Span (48): 27 ft
Structure Length (49): 27 ft
Total Length: 27 ft
Deck Area: 972 sqft
Structure Flared (35): 0 No flare

Age and Service

Year Built (27): 1940
Year Reconstructed (106): 0
Type of Service On (42a): 5 Highway-pedestrian
Under (42b): 5 Waterway
Fracture Critical Details: Not Applicable

Structure Type and Material

Curb/Sidewalk (50): Left: 5 ft Right: 5 ft
Bridge Median (33): 0 No median
Main Span Material (43A): 1 Reinforced Concrete
Appr Span Material (44A): Not Applicable
Main Span Design (43B): 04 Tee Beam
Appr Span Design (44B): Not Applicable

Deck Type and Material

Deck Width (52): 36 ft
Skew (34): 0 deg
Deck Type (107): 1 Concrete-Cast-in-Place
Surface (108): 6 Bituminous
Membrane: 0 None
Deck Protection: None

Appraisal

Structure Appraisal

Open/Posted/Closed (41): P Posted for load
Deck Geometry (68): 5 Above 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): U Unknown Foundation

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: 71.6
Health Index: 98.52
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: 01/10/2018
Inspector: KNAAACS - Casey Sleege
Bridge Group: C9V94
Alt. Bridge Group:
Primary Type: Special-Posted Bridge
Review Required: [X]

Next Inspection Date Scheduled

NBI: 01/17/2019
Element: 01/17/2019
Fracture Critical:
Underwater
Other/Special: 01/17/2019

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

REPORT ID: INSP005
Structure ID: 724075
CIDR
DATE PRINTED: 3/29/2018

Schedule Cont.

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

Inspection Intervals	Required (92)	Frequency (92)	Last Date (93)	Inspection Resources	
Fracture Critical	[ ]	mos		Crew Hours:	6
Underwater	[ ]	mos		Flagger Hours:	0
Other Special	[X]	12 mos	01/10/2018	Helper Hours:	0
NBI		24 mos (91)	01/17/2017 (90)	Snooper Hours:	0
				Special Crew Hours:	0
				Special Equip Hours:	0

Bridge Related

General Bridge Information

Parallel Bridge Seq:
Channel Depth: 2.4 ft
Radio Frequency: -1
Phone Number:
Exception Date:
Exception Type: Unknown
Accepted By Maint: 01/01/1940
Warranty Expiration: 00/00/0000
Performance Rating: 2 - Good

Bridge Rail 1: Concrete post & beam
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: 05/15/2000
Initials: GAK
Load Rating Rev. Recom.:
Load Rating Plans Status: Unknown

Inventory Rating (066): 21.9 tons
Operating Rating (064): 36.4 tons
FL120 Permit Rating: -1.0 tons
HS20/FL120 Max Span Rating: 36.4 tons
Dynamic Impact in Percent: 30 %
Governing Span Length: 26.6 ft
Minimum Span Length: 26.6 ft
Distribution Method: Others

Load Rating Notes:

LEGAL LOADS

SU2: 24.8 tons
SU3: 26.2 tons
SU4: 25.6 tons
C3: 36.4 tons
C4: 32.0 tons
C5: 34.9 tons
ST5: 39.8 tons
Posting (070): 2 20.0-29.9%below
Open/Posted/Closed (041): P Posted for load

POSTING

Recom. SU Posting: 25 tons
Recom. C Posting: 32 tons
Recom. ST5 Posting: 39 tons
Actual SU Posting: 25 tons
Actual C Posting: 32 tons
Actual ST5 Posting: 35 tons
Actual Blanket Posting: 99 tons

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 FL120 Transverse: -1.0 tons
SEG Single Axle Transverse: -1.0 tons
SEG Tandem Axle Transverse: -1.0 tons

Bridge Scour and Storm Information

Pile Driving Record: No pile driving records
Foundation Type: No foundation details
Mode of Flow: Riverine
Rating Scour Eval: Minimal Risk
Highest Scour Eval: Low Risk POA Implemented
Scour Evaluation Method:

Scour Recommended I: Stop scour evaluations
Scour Recommended II: Not Applicable
Scour Recommended III: Not Applicable
Scour Elevation: 999 ft
Action Elevation: 999 ft
Storm Frequency: 999

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

REPORT ID: INSP005
Structure ID: 724075
DATE PRINTED: 3/29/2018

Elements

Inspection Date: 01/10/2018 NQIS

DECKS : Decks/Slabs

Str Unit	Elem/Env	Description	Qty1	%1	Qty2	%2	Qty3	%3	Qty4	%4	T Qty
0	12 / 3	Re Concrete Deck	920	94 65	51	5 25	1	0.1	0		972 sq ft
0	1080 / 3	Delamination/Spall/Patched Area	0		2	100	0		0		2 sq ft
0	1120 / 3	Efflorescence/Rust Staining	0		49	100	0		0		49 sq ft
0	510 / 3	Wearing Surfaces	600	92 59	0		48	7 41	0		648 sq ft
0	3220 / 3	Crack (Wearing Surface)	0		0		48	100	0		48 sq ft

DECKS : Joints

Str Unit	Elem/Env	Description	Qty1	%1	Qty2	%2	Qty3	%3	Qty4	%4	T Qty
0	301 / 3	Pourable Joint Seal	48	100	0		0		0		48 ft

MISCELLANEOUS : Channel

Str Unit	Elem/Env	Description	Qty1	%1	Qty2	%2	Qty3	%3	Qty4	%4	T Qty
0	8290 / 3	Channel	0		0		1	100	0		1 (EA)
0	9150 / 3	Bank Erosion	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	8475 / 3	R/Conc Walls	20	100	0		0		0		20 ft

SUBSTRUCTURE : Substructure

Str Unit	Elem/Env	Description	Qty1	%1	Qty2	%2	Qty3	%3	Qty4	%4	T Qty
0	215 / 3	Re Conc Abutment	72	100	0		0		0		72 ft

SUPERSTRUCTURE : Superstructure

Str Unit	Elem/Env	Description	Qty1	%1	Qty2	%2	Qty3	%3	Qty4	%4	T Qty
0	110 / 3	Re Conc Opn Girder/Beam	220	90 53	5	2 06	18	7 41	0		243 ft
0	1080 / 3	Delamination/Spall/Patched Area	0		3	42.86	4	57.14	0		7 ft
0	1090 / 3	Exposed Rebar	0		0		14	100	0		14 ft
0	1130 / 3	Cracking (RC and Other)	0		2	100	0		0		2 ft

SUPERSTRUCTURE : Superstructure

Str Unit	Elem/Env	Description	Qty1	%1	Qty2	%2	Qty3	%3	Qty4	%4	T Qty
0	331 / 3	Re Conc Bridge Railing	0		52	96 3	2	3 7	0		54 ft
0	1080 / 3	Delamination/Spall/Patched Area	0		0		2	100	0		2 ft
0	1130 / 3	Cracking (RC and Other)	0		52	100	0		0		52 ft
0	521 / 3	Conc Prot Coating	0		0		0		216	100	216 sq ft
0	3540 / 3	Eff(Crete Protect Coat)	0		0		0		216	100	216 sq ft

Total Number of Elements*: 7
*excluding defects/protective systems

Inspection Information

Inspection Date: 01/10/2018

Type: Special Posted Bridge
Inspector: KNAAACS - Casey Steege

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

REPORT ID: INSP005
Structure ID: 724075
DATE PRINTED: 3/29/2018

Inspection Information

Inspection Notes:

TRAFFIC RESTRICTIONS: The Florida Department of Transportation has directed Ayres Associates to express the Department's policies to post weight restrictions by the Operating Ratings. Based on conditions identified in this inspection report, the current load rating analysis dated 5/15/00, is valid. The structure is posted at both approaches for the following SU = 25 Tons, C = 32 Tons, ST5 = 39 Tons.

LOAD CAPACITY EVALUATION: A cursory review of the current load rating analysis dated5/15/00 was conducted during this inspection by Michael Scherer, P.E. 2/6/18. The findings of this review and inspection reveal no substantial deterioration, geometric changes or additional dead load to the bridge that warrant the need for a new load rating analysis; therefore, the current load rating is considered applicable.

Asphalt overlay = 2"

Note: This Special-Posted Bridge inspection is being performed due to SIA Item 70 being coded 4 or less. Based on the load rating analysis only Element 110 Re Concrete Girder was evaluated and include with this report. For a comprehensive list of all deficiencies noted refer to the routine inspection dated 1/17/17.

Sufficiency Rating Calculation Accepted by KNAAAFA at 2/21/2018 3:53:19 PM

Inspection Date: 01/17/2017 **Type:** Regular NBI
Inspector: KNKCALE - Eric Lambert

Inspection Notes:

TRAFFIC RESTRICTION: The Florida Department of Transportation has directed Kisinger, Campo & Associates to express the Department's policies to post weight restrictions by the Operating Ratings. Based on conditions identified in this inspection report, the current load rating analysis dated 5/15/00, is valid and the structure should be posted for the SU, C and ST5 type vehicles. The structure is posted either at or below the Operating Ratings for the SU, C and ST5 type vehicles.

LOAD CAPACITY EVALUATION:
A cursory review of the current load rating analysis dated 5/15/00 was conducted during this inspection by Thomas LoCicero, P.E. 2/27/17. The findings of this review and inspection reveal no substantial deterioration, geometric changes or additional dead load to the bridge that warrant the need for a new load rating analysis; therefore, the current load rating is considered applicable.

Asphalt overlay = 2"

The NBI rating for SIA Item 61 Channel was lowered from a 6 Bank Slumping to a 5 Bank Prot Eroded due to channel misalignment.

Sufficiency Rating Calculation Accepted by KNKCADG at 3/2/2017 8:58:19 AM

Inspection Date: 01/12/2016 **Type:** Special-Posted Bridge
Inspector: KNKCABA - Michael Betz

Inspection Notes:

Sufficiency Rating Calculation Accepted by KNKCADG-P at 2016-02-19 13:58:28

TRAFFIC RESTRICTION: The Florida Department of Transportation has directed Kisinger, Campo & Associates to express the Department's policies to post weight restrictions by the Operating Ratings. Based on conditions identified in this inspection report, the current load rating analysis dated 5/15/00, is valid and the structure should be posted for the SU, C and ST5 type vehicles. The structure is posted either at or below the Operating Ratings for the SU, C and ST5 type vehicles.

LOAD CAPACITY EVALUATION:
The findings of this inspection reveal no reason to warrant a new analysis; therefore, the current load rating results still govern.

Asphalt overlay = 2"

This inspection was conducted based on the NBI rating for Item 70 Posting being coded 2. Element 110 R/Conc Open Girder and conditions affecting the load carrying capacity were inspected, evaluated and are included in this report. For a comprehensive list of all deficiencies refer to the most recent routine inspection report dated 1/22/15

Inspection Date: 01/22/2015 **Type:** Regular NBI
Inspector: KNKCARK - Kenneth Renfro

Inspection Notes:

Sufficiency Rating Calculation Accepted by KNKCARL P at 2015-03-06 06:02:01

TRAFFIC RESTRICTION: The Florida Department of Transportation has directed Kisinger, Campo & Associates to express the Department's policies to post weight restrictions by the Operating Ratings. Based on conditions identified in this inspection report, the current load rating analysis dated 5/15/00, is valid and the structure should be posted for the SU, C and ST5 type vehicles. The structure is posted either at or below the Operating Ratings for the SU, C and ST5 type vehicles.

Asphalt overlay = 2"

Inspection Date: 01/29/2014 **Type:** Special-Posted Bridge

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

REPORT ID: INSP005
Structure ID: 724075
DATE PRINTED: 3/29/2018

Inspection Information

Inspector: KNKCABA - Michael Belz

Inspection Notes: Sufficiency Rating Calculation Accepted by KNKCADG-P at 2014-03-13 16:02:01

TRAFFIC RESTRICTION The Florida Department of Transportation has directed Kisinger, Campo & Associates to express the Department's policies to post weight restrictions by the Operating Ratings. Based on conditions identified in this inspection report, the current load rating analysis dated 5/15/00, is valid and the structure should be posted for the SU, C and ST5 type vehicles The structure is posted either at or below the Operating Ratings for the SU, C and ST5 type vehicles.

Asphalt overlay = 2"

This inspection was conducted based on SIA Item 70 Posting being coded 2 Element 110 R/Conc Open Girder and conditions affecting the load carrying capacity were inspected, evaluated and are included in this report For a comprehensive list of all other deficiencies refer to the previous routine inspection report dated 1/14/13.

Inspection Date: 01/14/2013 **Type:** Regular NBI

Inspector: KNKCARD - David Rothman

Inspection Notes: Sufficiency Rating Calculation Accepted by kn538pl-P at 2013-02-25 10:36:35

TRAFFIC RESTRICTION The Florida Department of Transportation has directed Kisinger, Campo & Associates to express the Department's policies to post weight restrictions by the Operating Ratings. Based on conditions identified in this inspection report, the current load rating analysis dated 5/15/00, is valid and the structure should be posted for the SU, C and ST5 type vehicles The structure is posted either at or below the Operating Ratings for the SU, C and ST5 type vehicles.

Asphalt overlay = 2"

Inspection Date: 01/17/2012 **Type:** Special-Posted Bridge

Inspector: KNKCAGW - William Greer

Inspection Notes: Sufficiency Rating Calculation Accepted by KNKCARS-P at 2012-02-16 14:20:58

TRAFFIC RESTRICTION: The Florida Department of Transportation has directed Kisinger, Campo & Associates to express the Department's policies to post weight restrictions by the Operating Ratings. Based on conditions identified in this inspection report, the current load rating analysis dated 5/15/00, is valid and the structure should be posted for SU, C and ST5 type vehicles. The structure is currently posted below or at the Operating Ratings for SU, C and ST5 type vehicles.

This inspection was conducted based on SIA Item 70 Posting coded a 2. Conditions affecting the load carrying capacity were inspected, evaluated and are included in this report For a comprehensive list of all other deficiencies, refer to the previous routine inspection report dated 1/12/11

Inspection Date: 01/12/2011 **Type:** Regular NBI

Inspector: KNIEICK - Benjamin Kenney

Inspection Notes: Sufficiency Rating Calculation Accepted by KNIEIVD-P at 2011-02-01 14:07:40

Traffic Restriction The Florida Department of Transportation has directed Infrastructure Engineers, Inc. to express the Department's policies to post weight restrictions by the Operating Ratings. Based on the conditions identified in this inspection report, the current load rating analysis dated 5/9/00, is valid and the structure should be posted for SU, C, and ST5 type vehicles The structure is currently posted either at or the Operating Ratings for SU, C, and ST5 type vehicles.

Inspection Date: 01/12/2010 **Type:** Special-Posted Bridge

Inspector: KNIEICH - Chace Hulon

Inspection Notes: Sufficiency Rating Calculation Accepted by KNIEIZV-P at 2010-02-23 16:19:03

Traffic Restriction The Florida Department of Transportation has directed Infrastructure Engineers, Inc. to express the Department's policies to post weight restrictions by the Operating Ratings. Based on the current load rating analysis dated 5/9/00 the structure should be posted for SU, C, and ST5 type vehicles The structure is currently posted below or at the Operating Ratings for SU, C and ST5 type vehicles.

This inspection was conducted based on SIA Item 70 Posting. Conditions affecting the load carrying capacity were reviewed and are included in this report For a comprehensive list of all other deficiencies, refer to the previous routine inspection report dated 1/5/2009.

Inspection Date: 01/05/2009 **Type:** Regular NBI

Inspector: KNIEIOD - David Orr

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

REPORT ID: INSP005
Structure ID: 724075
DATE PRINTED: 3/29/2018

Inspection Information

Inspection Notes: Sufficiency Rating Calculation Accepted by KNIEIRZ-P at 2009-02-10 12:24:59

Traffic Restriction: The Florida Department of Transportation has directed Infrastructure Engineers, Inc. to express the Department's policies to post weight restrictions by the Operating Ratings. Based on the current load rating analysis dated 5/9/00, the structure should be posted for SU, C, and ST5 type vehicles. The structure is currently posted below or at the Operating Ratings for SU, C, and ST5 type vehicles.

Inspection Date: 01/09/2008 **Type:** Special Posted Bridge
Inspector: INACTIVE441 - Jeff Zawacki

Inspection Notes: Sufficiency Rating Calculation Accepted by KNIEISM-P at 2008-02-11 12:04:59

Traffic Restriction: The Florida Department of Transportation has directed Infrastructure Engineers, Inc. to express the Department's policies to post weight restrictions by the Operating Ratings. Based on the current load analysis dated 5/9/00, the structure should be posted for the SU, C, and ST5 type vehicles. The structure is currently posted below or at the Operating Ratings for the SU, C, and ST5 type vehicles.

This inspection is being conducted based on SIA Item 70 Bridge Posting. Conditions affecting the load carrying capacity were reviewed and are included in this report. For a comprehensive list of all other deficiencies, refer to the previous routine inspection dated 1/23/07.

Inspection Date: 01/23/2007 **Type:** Regular NBI
Inspector:

Inspection Notes: Sufficiency Rating Calculation Accepted by knicebk-P at 2007-01-24 15:48:38

Traffic Restriction: The Florida Department of Transportation has directed Lichtenstein Consulting Engineers, Inc. to express the Department's policies to post weight restrictions by the Operating Ratings. Based on the current load analysis dated 5/9/00, the structure should be posted for the SU, C & ST5 type vehicles. The structure is currently posted below or at the Operating Ratings for the SU, C & ST5 type vehicles.

Inspection Date: 01/11/2006 **Type:** Special-Posted Bridge
Inspector: INACTIVE538 - Johnny Marquez

Inspection Notes: Sufficiency Rating Calculation Accepted by kn238jm-P at 2006-01-18 15:29:12

Traffic Restriction: The Florida Department of Transportation has directed Lichtenstein Consulting Engineers, Inc. to express the Department's policies to post weight restrictions by the Operating Ratings. Based on the current load analysis dated 5/9/00, the structure should be posted for the SU, C & ST5 type vehicles. The structure is currently posted below or at the Operating Ratings for the SU, C & ST5 type vehicles.

This inspection is being conducted based on SIA Item 70 Bridge Posting. Conditions affecting the load carrying capacity were reviewed and will be included in this report. For a comprehensive list of all other deficiencies, refer to the previous routine inspection dated 1/10/2005.

Inspection Date: 01/10/2005 **Type:** Regular NBI
Inspector:

Inspection Notes: Sufficiency Rating Calculation Accepted by kn238cn-P at 2005-02-01 08:44:23

Traffic Restriction: The Florida Department of Transportation has directed Lichtenstein Consulting Engineers, Inc. to express the Department's policies to post weight restrictions by the Operating Ratings. Based on the current load analysis dated 5/9/00, the structure should be posted for the SU, C & ST5 type vehicles. The structure is currently posted below or at the Operating Ratings for the SU, C & ST5 type vehicles.

Inspection Date: 01/14/2004 **Type:** Special-Posted Bridge
Inspector:

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

REPORT ID: INSP005 | CIDR | DATE PRINTED: 3/29/2018

Structure ID: 724075

Inspection Information

Inspection Notes:

Sufficiency Rating Calculation Accepted by KNLCEGC-P at 2004-01-19 11 04 53
KNLCEGC-P Inspection comments -
Structure 724075 -
Date 2004-01-14 -

Traffic Restriction: The Florida Department of Transportation has directed Lichtenstein Consulting Engineers, Inc. to express the Department's policies to post weight restrictions by the Operating Ratings Based on the current load analysis dated 5/9/00, the structure should be posted for the SU, C and ST5 type vehicles. The structure is currently posted below or at the Operating Ratings for the SU, C & ST5 type vehicles.

This inspection is being conducted based on SIA Item 70 Bridge Posting Structural deficiencies affecting the load carrying capacity were reviewed and will be included in this report For a comprehensive list of all other deficiencies, refer to the previous routine inspection dated 1/30/03.

Continued from Element 110 R/Conc Open Girder

CS3 = There are random spalls with exposed rebar (20% section loss) averaging 4" x 3" x 1/2" deep on the sides of the beams See Photo 2. There is a 1' x 1/64" wide diagonal crack with corrosion stain between Beams 1-7 and 1-8 at Abutment 1. There is a 6" x 5" delamination between Beams 1-2 and 1-3 near midspan and a 6" x 6" delamination between Beams 1-5 and 1-6 at midspan These conditions show no significant change since the previous inspection.

Inspection Date: 01/30/2003 **Type:** Regular NBI
Inspector:

Inspection Notes:

Sufficiency Rating Calculation Accepted by kn738ip-P at 2003-02-19 13 51 02
KN853JK-P inspection comments -
Structure 724075 -
Date 2003-01-30 -
Traffic Restriction: The Florida Department of Transportation has directed Kisinger Campo & Associates to express the Department's policies to post weight restrictions by the Operating Ratings. Based on the current load analysis dated 5/9/00, the structure should be posted for the SU, C and ST5 type vehicles. The structure is currently posted below or at the Operating Ratings for the SU, C & ST5 type vehicles.

Note: The Sufficiency Rating changed from 60.7 to 71.5 (reason may be due to the NBI rating for Superstructure being raised)
Previous comments >

Inspection Date: 01/31/2002 **Type:** Special-Posted Bridge
Inspector: KN738RK - Kirby Radford

Inspection Notes:

KN738RF inspection comments -
Structure 724075 -
Date 1/31/02 -

Traffic Restriction. The Florida Department of Transportation has directed Kisinger Campo & Associates to express the Department's policies to post weight restrictions by the Operating Ratings Based on the current load analysis dated 5/9/00, the structure should be posted for the SU, C and ST5 type vehicles. The structure is currently posted either below or at the Operating Ratings for the SU, C and ST5 type vehicles
Note This interim inspection is being conducted based on SIA Item 70 Bridge posting being rated 4 or less Structural deficiencies affecting the load carrying capacity were reviewed and will be included in this report For a comprehensive list of all other deficiencies, refer to the previous routine report dated 1/16/01.
Previous comments >

Inspection Date: 01/16/2001 **Type:** Regular NBI
Inspector:

Inspection Notes:

Sufficiency Rating Calculation Accepted by kn238rc at 1/31/2001 15:12:14
KN238LZ inspection comments -
Structure 724075 -
Date 1/16/2001 -

Inspection Date: 01/21/2000 **Type:** Interim
Inspector:

Inspection Notes:

Sufficiency Rating Calculation Accepted by kn238rs at 05/11/2000 16 57 08

Inspection Date: 01/19/1999 **Type:** Regular NBI
Inspector:

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

REPORT ID: INSP005
Structure ID: 724075
CIDR
DATE PRINTED: 3/29/2018

Inspection Information

Inspection Notes: Sufficiency Rating Calculation Accepted by kn238jf at 02/11/1999 11 27.52
KN238MJ Inspection comments -
Structure 724075 -
Date 01/19/1999 -
Previous comments > (none)

Structure Notes

BRIDGE OWNER CITY OF JACKSONVILLE
Bridge Inventoried from south to north.

Due to Stage 1 Risk Analysis of the Reclassification of Unknown Foundations, this bridge has been determined to be a minimum risk unknown foundation bridge. A Plan of Action has been developed and should be reviewed during routine inspections and/or any special scour inspections (DMD 4/28/11)

A new photo inventory will be required in 2023 unless upgrades/reconstruction alter structure or approach roadway prior to 2023.

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...OF HORIZONTAL/CIVIL ENGINEERING PROJECTS

... CDB-0006-16 OPEN DATE: 10/21/2015

COMPETITIVE SEALED PROPOSAL EVALUATION COMMITTEE

KIND AND BASIS OF CONTRACT:
CONSTRUCTION – DESIGN/BUILD

AGENCY: DEPARTMENT OF PUBLIC WORKS

BASIS OF AWARD: EVALUATION CRITERIA

NUMBER OF BIDS INVITED: 5 NUMBER RECEIVED: 5 OTHER: 1

SUMMARY OF BIDS AND RECOMMENDED ACTIONS:

The City had previously issued this RFP, and the evaluation committee has evaluated proposals. Subsequently, presentations were conducted and evaluated on January 28, 2016. Based upon the combination of proposal and presentation evaluations, scores and rankings are as follows (Listed in alphabetical order):

2) Archer-Western – 118.25
3) Callaway Contracting, Inc. - 100
1) J.B. Coxwell Contracting, Inc. - 121.5

Recommend approval of award to J.B. Coxwell Contracting, Inc., as receiving the highest score in accordance with the evaluation and ranking above. Period of Service will be five (5) years from effective date of contract with funding not-to-exceed $6,000,000.00 annually. To be executed by formal contract through Office of General Counsel.

Attachments: Recommendation Memo, Scoring Matrix, Previous Award

BUYER Marilyn Laidler
MARILYN LAIDLER

RESPECTFULLY SUBMITTED
GREGORY REASE, CHIEF
PROCUREMENT DIVISION

CONCURRENCE BY: Thomas N. Fallin, P.E., Acting Chief-Engineering & Construction Management Division

---

(ALL AWARD ACTIONS SUBJECT TO LAWFULLY APPROPRIATED FUNDS)
ACTION OF CSPEC COMMITTEE ON RECOMMENDATIONS ABOVE

MEMBERS APPROVING 5 MEMBERS DISAPPROVING _____ DATE: 2/4/16

OTHER _____

ACTION OF AWARDING AUTHORITY DATE 2/04/16

MR APPROVED ✓ DISAPPROVED: _____

Sam E. Mousa
Chief Administrative Officer
For: Mayor Lenny Curry
Under Authority of
Executive Order No 2015-05

OTHER: _____

SIGNATURE OF AUTHENTICATION _____

DESIGN-BUILD SERVICES OF HORIZONTAL/CIVIL ENGINEERING PROJECTS

CDB-0006-16 OPEN DATE: 10/21/2015

COMPETITIVE SEALED PROPOSAL EVALUATION COMMITTEE

KIND AND BASIS OF CONTRACT:
CONSTRUCTION – DESIGN/BUILD

AGENCY: DEPARTMENT OF PUBLIC WORKS

BASIS OF AWARD: EVALUATION CRITERIA

NUMBER OF BIDS INVITED: 5 NUMBER RECEIVED: 5 OTHER: 1

SUMMARY OF BIDS AND RECOMMENDED ACTIONS:

The City had previously issued this RFP, and the evaluation committee has evaluated proposals. Based upon the proposal evaluation, the average scores and rankings are as follows (Listed in alphabetical order):

2) Archer-Western Contractors, LLC. – 91
1) J.B. Coxwell Contracting- 92
3) Callaway Contracting- 74

Pursuant to Section 2.6 – Award of Contract of the RFP, recommend approval to conduct formal interviews with each of the three-top ranked Firms.

Attachments: Recommendation Memo, Scoring Matrix, Bid Tabulation, Section 2.6, JSEB Letter

BUYER Marilyn Laidler
MARILYN LAIDLER

RESPECTFULLY SUBMITTED
GREGORY PEASE, CHIEF
PROCUREMENT DIVISION

CONCURRENCE BY: William J. Joyce, P.E., Chief-Engineering & Construction Management

(ALL AWARD ACTIONS SUBJECT TO LAWFULLY APPROPRIATED FUNDS)
ACTION OF CSPEC COMMITTEE ON RECOMMENDATIONS ABOVE

MEMBERS APPROVING 5 MEMBERS DISAPPROVING _____ DATE: 12-30-15

OTHER _____

ACTION OF AWARDING AUTHORITY DATE 1/01/16

APPROVED ✓ DISAPPROVED: _____

OTHER: _____

Sam E. Mousa
Chief Administrative Officer
For: Mayor Lenny Curry
Under Authority of:
Executive Order No. 2015-05

SIGNATURE OF AUTHENTICATION

QWS3270X 3/6/2019 2:03 PM
FAML6350 V5.1 ** NW COJ FAMIS PRODUCTION ** 03/06/2019
LINK TO: ACCOUNT SUMMARY INQUIRY 2:02 PM

FISCAL MO/YEAR : 06 2019 CURRENCY CODE :
INDEX CODE : PWCP32ERD549 PW ROAD CAPITAL PROJECTS (F5490)
SUBOBJECT : 069505 DM-OTHER CONSTRUCTION COSTS
PROJECT : PW0512 MCCOY'S CREEK GREENWAY
PROJECT DETAIL : 04 MCCOYS CREEK REMOVE BRIDGE - SMITH
GRANT :
GRANT DETAIL :
USER CODE :

S	MAR 2019	ANNUAL BALANCE	ALL YEARS BALANCE
ESTIMATED REVENUES	.00	.00	.00
REVENUES	.00	.00	.00
UNREALIZED REVENUES	.00	.00	.00
BUDGET	.00	1,000,000.00	1,000,000.00
EXPENDITURES	.00	.00	.00
ENCUMBRANCES	.00	.00	.00
PRE-ENCUMBRANCES	.00	.00	.00
REMAINING BALANCE	.00	1,000,000.00	1,000,000.00

F1-HELP F2-SELECT F4-PRIOR F5-NEXT
F9-LINK F10-PRIOR-MO F11-NEXT-MO
G005 - PRIOR RECORD DISPLAYED

QWS3270X 3/6/2019 2:03 PM
FAML6350 V5.1 ** NW COJ FAMIS PRODUCTION ** 03/06/2019
LINK TO: ACCOUNT SUMMARY INQUIRY 2:03 PM

FISCAL MO/YEAR : 06 2019 CURRENCY CODE :
INDEX CODE : PWCP32ERD549 PW ROAD CAPITAL PROJECTS (F5490)
SUBOBJECT : 069505 DM-OTHER CONSTRUCTION COSTS
PROJECT : PW0512 MCCOY'S CREEK GREENWAY
PROJECT DETAIL : 05 MCCOYS CREEK REMOVE BRIDGE - LELAND
GRANT :
GRANT DETAIL :
USER CODE :

S	MAR 2019	ANNUAL BALANCE	ALL YEARS BALANCE
ESTIMATED REVENUES	.00	.00	.00
REVENUES	.00	.00	.00
UNREALIZED REVENUES	.00	.00	.00
BUDGET	.00	1,000,000.00	1,000,000.00
EXPENDITURES	.00	.00	.00
ENCUMBRANCES	.00	.00	.00
PRE-ENCUMBRANCES	.00	.00	.00
REMAINING BALANCE	.00	1,000,000.00	1,000,000.00

F1-HELP F2-SELECT F4-PRIOR F5-NEXT
F9-LINK F10-PRIOR-MO F11-NEXT-MO
G005 - PRIOR RECORD DISPLAYED