

## **Solicitation PNC2126443P1**

### **Design-Build: Sheridan St. Bridge over FL Turnpike (Step Two)**

**Bid Designation: Private**



**Broward County Board of County Commissioners**

## **Bid PNC2126443P1**

### **Design-Build: Sheridan St. Bridge over FL Turnpike (Step Two)**

Bid Number **PNC2126443P1**

Bid Title **Design-Build: Sheridan St. Bridge over FL Turnpike (Step Two)**

Bid Start Date **Mar 19, 2024 12:52:56 PM EDT**

Bid End Date **May 20, 2024 2:00:00 PM EDT**

Question &  
Answer End Date **May 13, 2024 5:00:00 PM EDT**

Bid Contact **Melissa Cuevas**  
**Purchasing Agent**  
**Purchasing Division**  
**mecuevas@broward.org**

Bid Contact **Yohanna De Francisco**  
**Purchasing Agent**  
**Purchasing**  
**YDEFRANCISCO@broward.org**

Contract Duration **One Time Purchase**

Contract Renewal **Not Applicable**

Prices Good for **Not Applicable**

Bid Comments **The County is utilizing a Two-Step solicitation process for this Project. Step One (PNC2126443R1) consisted of the submission of each firm's qualifications. This is Step Two of the Design-Build solicitation. Only the shortlisted vendors from Step One (PNC2126443R1) may respond to this Step Two solicitation.**

**Only the shortlisted Vendors from Step One may respond to the Step Two solicitation:**  
**In alphabetical order:**

- 1) Cone & Graham, Inc.**
- 2) GLF Construction Corporation**
- 3) Structural Technologies, LLC.**

**Scope of Work: Broward County Highway and Bridge Maintenance Division is seeking the qualified Design-Build firm from Step-One to provide professional engineering, surveying, and construction services for the design, permitting, development, design and construction quality assurance / quality control (QA/QC), geotechnical testing, and project management required for increasing the vertical clearance of Sheridan Street, Bridge Number 860155, over Florida's Turnpike to 16 feet 6 inches.**

**Note to Vendors: If choosing "Download Bid Packet", the packet will not automatically include the following attachments. To download these documents, select file(s) and choose "Generate Zip File" (Reference Document No. 4 Existing Plans was provided during Step-One):**

- 1. Design Criteria Package dated January 9, 2024**
- 2. Reference Document 1 Proposed Concept Plans**
- 3. Reference Document 2 Survey Plans**
- 4. Reference Document 3 Preliminary Utilities - Plans**
- 5. Reference Document 3 Preliminary Utilities - Contacts**
- 6. Reference Document 5 Conceptual Drainage Memorandum**
- 7. Reference Document 6 Geotechnical Data Report**

8. Reference Document 7A. Proposed FTE Lane Modifications - 446224-1 PhIV Plans
9. Reference Document 7B. Proposed FTE Lane Modifications - Holiday Lane Closure Restrictions.
10. Reference Document 8 Existing Street Lighting System
11. Reference Document 9 Inspection Report
12. Reference Document 10 Schedule of Values
13. Reference Document 11 Bridge 860155 Load Rating Report
14. Reference Document 12 Miscellaneous Landscaping Maintenance

**Conflict of Interest:** HDR Engineering, Inc. and any of their subconsultants who participated in drafting the design concept plans included in this solicitation are excluded from participating as a member of the selected design-build Firm for this solicitation. The County reserves the right to review for any other potential conflicts on a case-by-case basis.

**Goal Participation:** This solicitation includes Disadvantaged Business Enterprise participation Goals. Refer to Special Instructions and the Office of Economic and Small Business Development Requirements section for additional information.

**Bonding Requirement:** Design-Build Firms must submit an original Bid Bond, or other acceptable alternative to the Purchasing Division by the solicitation due date and time, in order to be responsive to solicitation requirements. Refer to Special Instructions and Bid Bond, Performance and Payment Guaranties, and Qualifications of Surety Requirements.

**Questions and Answers:** The County provides a specified time for firms to ask questions and seek clarification regarding the requirements of the solicitation. All questions or clarification inquiries must be submitted through Periscope S2G by the date and time referenced in the solicitation document (including any addenda). The County will respond to all questions via Periscope S2G.

**Submittals:** Firms MUST submit its solicitation response electronically and MUST confirm its submittal in order for the County to receive a valid response through Periscope S2G. Refer to the Purchasing Division website or contact Periscope S2G for submittal instructions. It is the Firm's sole responsibility to assure its response is submitted and received through Periscope S2G by the date and time specified in the solicitation. The County will not consider solicitation responses received by other means. Firms are encouraged to submit their responses in advance of the due date and time specified in the solicitation document. In the event that the firm is having difficulty submitting the solicitation document through Periscope S2G, immediately notify the Purchasing Agent and then contact Periscope S2G for technical assistance.

Added on May 8, 2024:

**Addendum No. 4:**

Sheet No. 10 of the document titled "Reference Document 1. Proposed Concept Plans" has been revised and replaced in its entirety with Addendum No. 4 - Conceptual Roadway Profile Plans to show that the required minimum bridge clearance is 16 feet 6 inches feet above the Turnpike.

Revised sheet No. 10 has been uploaded in Periscope S2G in PDF and CAD format.

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**Addendum # 1**

Previous End Date **Apr 17, 2024 2:00:00 PM EDT**

New End Date **May 20, 2024 2:00:00 PM EDT**

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**Addendum # 2**

Previous Q & A End Date **Apr 5, 2024 5:00:00 PM EDT**

New Q & A End Date **Apr 19, 2024 5:00:00 PM EDT**

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**Addendum # 3**

New Documents

- Attachment A. Typical Section Package.pdf
- Attachment B. Florida Gas Transmission.pdf
- Attachment C. Jacking Requirements.pdf
- Attachment D. Design Documentation Report.pdf

**Addendum # 4**

New Documents	<b>Addendum No. 4 - Conceptual Roadway Profile Plans.pdf</b> <b>Addendum No. 4 - CAD DSPFRD01.DGN</b>		
Previous Q & A End Date	<b>Apr 19, 2024 5:00:00 PM EDT</b>	New Q & A End Date	<b>May 13, 2024 5:00:00 PM EDT</b>

**Item Response Form**

Item **PNC2126443P1--01-01 - Performance and Payment Guaranty and Insurance**

Quantity **1 lump sum**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

Refer to scope of work for information.

N/A

Broward County FL 33301

**Qty 1**

**Description**

Payment for Performance and Payment Guaranty and insurance will be made at the lump sum price named in the Item Response Form. Performance and Payment Guaranty and Insurance are limited to 3% of the Total of Bid Item No. 04. Any amount in excess of 3% will be moved to Line Item No. 04, however, the total bid amount will not change. The 3% ceiling on Performance and Payment Guaranty and insurance is not a matter of responsiveness. It is an instruction on the maximum amount the COUNTY will pay for Performance and Payment Guaranty and Insurance.

Item **PNC2126443P1--01-02 - Sheridan St. Bridge Over FL Turnpike: Engineering Services Design**

Quantity **1 lump sum**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

Refer to scope of work for information.

N/A

Broward County FL 33301

**Qty 1**

**Description**

Provide pricing for design services to increase the vertical clearance of Sheridan St. Bridge over the FL Turnpike.

Item **PNC2126443P1--01-03 - Sheridan St. Bridge Over FL Turnpike: Engineering Services Post Design**

Quantity **1 lump sum**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

Refer to scope of work for information.

N/A

Broward County FL 33301

**Qty 1**

**Description**

Provide pricing post design services to increase the vertical clearance of Sheridan St. Bridge over the FL Turnpike.

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Item **PNC2126443P1--01-04 - Sheridan St. Bridge Over FL Turnpike: Construction**  
Quantity **1 lump sum**  
Unit Price   
Delivery Location **Broward County Board of County  
Commissioners**  
Refer to scope of work for information.  
N/A  
Broward County FL 33301  
**Qty 1**

**Description**

Provide pricing for construction to increase the vertical clearance Sheridan St. Bridge over the FL Turnpike.

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Item **PNC2126443P1--01-05 - Proposed Completion Time (Calendar Days)**  
Quantity **1 day**  
Prices are not requested for this item.  
Proposed Completion   
Time  
Delivery Location **Broward County Board of County  
Commissioners**  
Refer to scope of work for information.  
N/A  
Broward County FL 33301  
**Qty 1**

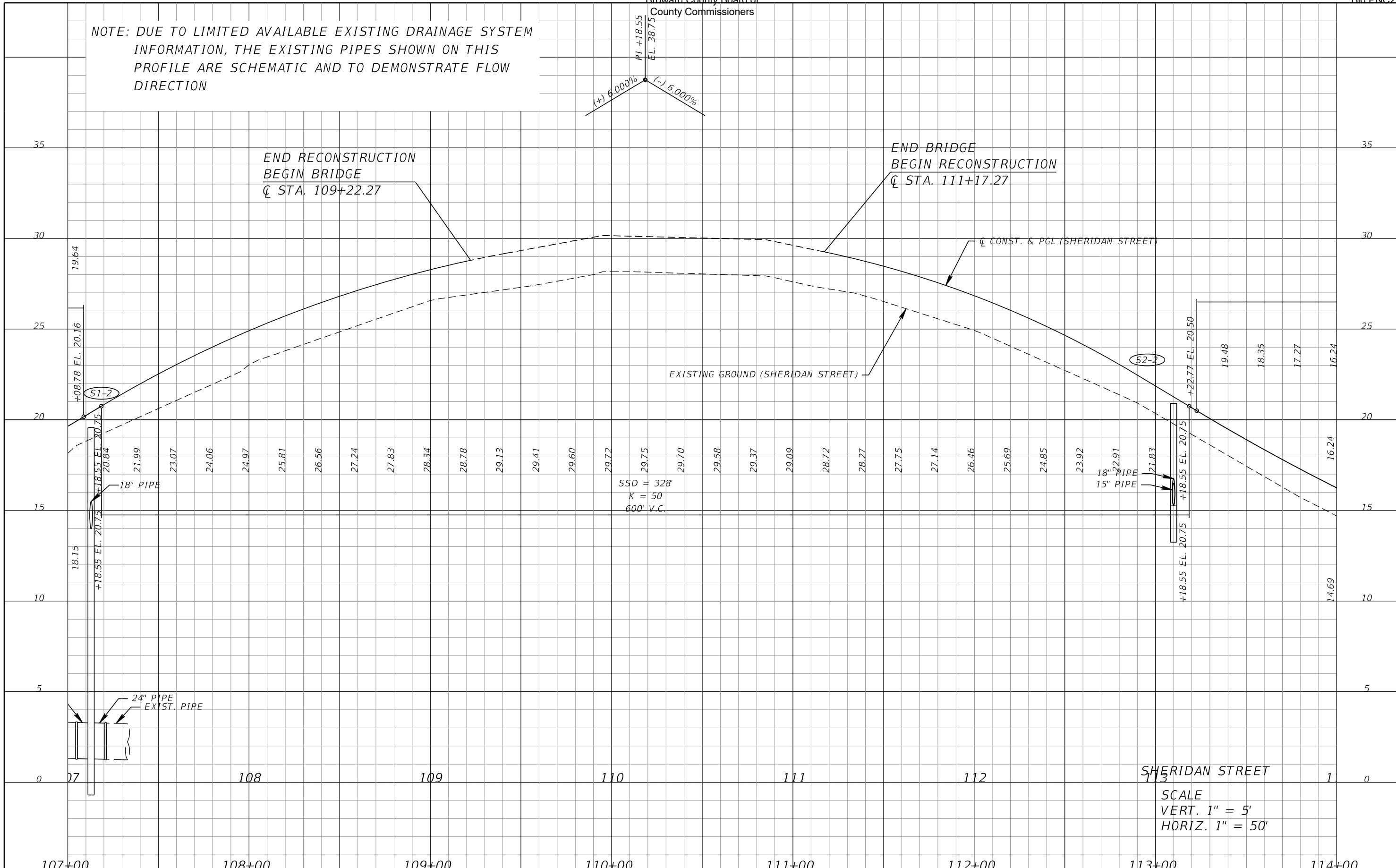
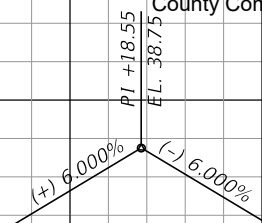
**Description**

Provide proposed completion time in calendar days for the Design-Build to increase the vertical clearance Sheridan St. Bridge over the FL Turnpike.

The proposed timeframe will be the number used to calculate the score for Evaluation Criteria Item No. 3D.

The proposed completion time submitted will be used in the Project Schedule (Exhibit B to the Contract) and will not exceed 540 calendar days.

NOTE: DUE TO LIMITED AVAILABLE EXISTING DRAINAGE SYSTEM INFORMATION, THE EXISTING PIPES SHOWN ON THIS PROFILE ARE SCHEMATIC AND TO DEMONSTRATE FLOW DIRECTION



SSD = 328'  
K = 50  
600' V.C.

SHERIDAN STREET  
SCALE  
VERT. 1" = 5'  
HORIZ. 1" = 50'

REVISIONS	
DATE	DESCRIPTION

HDR ENGINEERING, INC.  
3250 W. COMMERCIAL BLVD., SUITE 100  
FORT LAUDERDALE, FL 33309  
CERTIFICATE OF AUTHORIZATION 4213



PUBLIC WORKS DEPARTMENT HIGHWAY CONSTRUCTION AND ENGINEERING DIVISION		
CITY	ROAD	COUNTY ROAD NO.
HOLLYWOOD	SHERIDAN STREET	822

ROADWAY PROFILE

SHEET NO.

## Scope of Work

### Design-Build: Sheridan St. Bridge over FL Turnpike (Step Two)

1. Broward County seeks a Design-Build Firm to provide professional engineering, surveying, and construction services for the design, permitting, development, design and construction quality assurance / quality control (QA/QC), geotechnical testing, and project management required for increasing the vertical clearance of Sheridan Street, Bridge Number 860155, over Florida's Turnpike to 16 feet 6 inches. The Project is located within the City of Hollywood in Broward County, Florida and includes the following location:
  - A. Sheridan Street (CR-822) over Florida's Turnpike.
2. Project improvements include, but are not limited to, structural repairs to existing beams, increasing the vertical clearance of the bridge to 16 feet 6 inches, and any associated roadway, drainage, signing and pavement marking, signalization, lighting, and structural features required to provide a compatible roadway facility in accordance with all County, Florida Department of Transportation, and U.S. Department of Transportation Federal Highway Administration standards, policies, procedures, and guidelines. The existing landscape within the limits of the project along Sheridan Street shall be removed and replaced, in kind, unless otherwise approved by the County. The Project shall also include mitigation and permits for any impacts to existing vegetation within the Project limits, including the dense vegetation on the north side of Sheridan Street.
3. The intent of the Project is to increase the overall height / clearance of Bridge Number 860155 by utilizing a system to jack the bridge superstructure and to reconstruct both roadway approaches. Various components of the jacking system include, but are not limited to, jacking supports, bracing, individual jacks, buildup, shims, pressure gauges, jacking manifold, dedicated control valves, and any other components necessary to successfully implement the project. A conceptual layout for the Project is shown in **Reference Document 1 Proposed Concept Plans**. The Design-Build Firm shall furnish all labor, materials, supplies, equipment, services, and incidentals necessary to undertake the complete design and construction of the Project. In addition, the Design-Build Firm shall prepare a Technical Special Provision to include, but are not limited to, structure construction process, contract specifications, process inputs and outputs, jacking specifications, attachments, and any other required documents. The Design-Build Firm is responsible for coordination with all affected entities / municipalities, including all public involvement efforts necessary to implement this project.

**4. Schedule and Budget**

Completion Date Requirement (Design and Construction)	540 Calendar Days
Project Budget	\$7,000,000

**5. Additional Information**

Refer to the following document(s) for additional information:

A. Design Criteria Package

- i. Attachment A. Typical Section Package
- ii. Attachment B. Florida Gas Transmission
- iii. Attachment C. Jacking Requirements
- iv. Attachment D. Design Documentation Report

B. Reference Document 1 - Proposed Concept Plans

C. Reference Document 2 - Survey Plans

D. Reference Document 3A - Preliminary Utilities – Plans

E. Reference Document 3B - Preliminary Utilities – Contacts

F. Reference Document 4 - Existing Plans

G. Reference Document 5 - Conceptual Drainage Memorandum

H. Reference Document 6 - Geotechnical Data Report

I. Reference Document 7A - Proposed FTE Lane Modifications - 446224-1 PhIV Plans

J. Reference Document 7B - Proposed FTE Lane Modifications - Holiday Lane Closure Restrictions.

K. Reference Document 8 - Existing Street Lighting System

L. Reference Document 9 - Inspection Report

M. Reference Document 10 - Schedule of Values

N. Reference Document 11 - Bridge 860155 Load Rating Report

O. Reference Document 12 - Miscellaneous Landscaping Maintenance

## **Standard Instructions to Vendors - Request for Proposals, Request for Qualifications, or Request for Letters of Interest**

Vendors are instructed to read and follow the instructions carefully, as any misinterpretation or failure to comply with instructions may lead to a Vendor's submittal being rejected.

Vendor **MUST** submit its solicitation response electronically and **MUST** confirm its submittal in Periscope S2G for the response to be deemed valid by the County. Refer to the [Purchasing Division website](#) or contact Periscope S2G for submittal instructions.

### **A. Responsiveness Criteria:**

A Responsive (Vendor) means a vendor who submits a response to a solicitation that the Director of Purchasing determines meets all requirements of the solicitation.

**The required information and applicable forms must be submitted with solicitation response, electronically through Periscope SG2 by the solicitation's due date and time. Failure to timely submit may result in Vendor being deemed non-responsive.** The County reserves the right to waive minor technicalities or irregularities as is in the best interest of the County in accordance with Section 21.37(b) of the Broward County Procurement Code.

Below are standard responsiveness criteria; refer to **Special Instructions to Vendors** for Additional Responsiveness Criteria requirement(s).

#### **1. Lobbyist Registration Requirement Certification**

Refer to **Lobbyist Registration Requirement Certification Form**. The completed form should be submitted with the solicitation response. If not submitted within solicitation response, it must be submitted within three business days of County's written request. Failure to timely submit may result in Vendor being deemed non-responsive.

#### **2. Criminal History Screening Practices Certification**

Refer to **Criminal History Screening Practices Certification Form**. The completed form should be submitted with the solicitation response. If not submitted within solicitation response, it must be submitted within three business days of County's written request. Failure to timely submit may result in Vendor being deemed non-responsive.

#### **3. Addenda**

The County reserves the right to amend this solicitation prior to the due date and time specified in the solicitation. Any change(s) to this solicitation will be conveyed through the written addenda process. Only written addenda will be binding. Vendor must follow the instructions carefully and submit the required information and applicable forms, or acknowledge addendum, electronically through Periscope S2G. It is the Vendor's sole responsibility to monitor the solicitation for any changing information, prior to submitting their solicitation response.

### **B. Responsibility Criteria:**

A Responsible (Vendor) means a vendor who is determined to have the capability in all respects to perform fully the requirements of a solicitation, as well as the integrity and reliability that will ensure good faith performance.

When making determinations of responsibility, the Director of Purchasing or the Evaluation Committee (as applicable) may request additional information from any vendor on matters that may affect a vendor's responsibility. The failure of a vendor to provide information requested by the County may result in a determination of non-responsibility. In addition, a vendor may submit information regarding its responsibility; provided, however, that such information shall not be considered if it contradicts or materially alters the information provided by the vendor in its original response to the solicitation.

Failure to provide any of this required information and in the manner required may result in a recommendation by the Director of Purchasing that the Vendor is non-responsible.

Below are standard responsibility criteria; refer to **Special Instructions to Vendors** for Additional Responsibility Criteria requirement(s).

## 1. **Litigation History**

- a. All Vendors are required to disclose to the County all "material" cases filed, pending, or resolved during the last three (3) years prior to the solicitation response due date, whether such cases were brought by or against the Vendor, any parent or subsidiary of the Vendor, or any predecessor organization. Additionally, all Vendors are required to disclose to the County all "material" cases filed, pending, or resolved against any principal of Vendor, regardless of whether the principal was associated with Vendor at the time of the "material" cases against the principal, during the last three (3) years prior to the solicitation response.

A case is considered to be "material" if it relates, in whole or in part, to any of the following:

- i. A similar type of work that the vendor is seeking to perform for the County under the current solicitation;
  - ii. An allegation of fraud, negligence, error or omissions, or malpractice against the vendor or any of its principals or agents who would be performing work under the current solicitation;
  - iii. A vendor's default, termination, suspension, failure to perform, or improper performance in connection with any contract;
  - iv. The financial condition of the vendor, including any bankruptcy petition (voluntary and involuntary) or receivership; or
  - v. A criminal proceeding or hearing concerning business-related offenses in which the vendor or its principals (including officers) were/are defendants.
- b. For each material case, the Vendor is required to provide all information identified in the **Litigation History**. Additionally, the Vendor shall provide a copy of any judgment or settlement of any material case during the last three (3) years prior to the solicitation response. Redactions of any confidential portions of the settlement agreement are only permitted upon a certification by the Vendor that all redactions are required under the express terms of a pre-existing confidentiality agreement or provision.
  - c. The County will consider a Vendor's litigation history information in its review and determination of responsibility.
  - d. If the Vendor is a joint venture, the information provided should encompass the joint venture and each of the entities forming the joint venture.
  - e. A vendor is required to disclose to the County any and all cases(s) that exist between the County and any of the Vendor's subcontractors/subconsultants proposed to work on this project during the last five (5) years prior to the solicitation response.
  - f. Failure to disclose any material case, including all requested information in connection with each such case, as well as failure to disclose the Vendor's subcontractors/subconsultants litigation history against the County, may result in the Vendor being deemed non-responsive.

## 2. **Financial Information**

- a. All Vendors are required to submit the Vendor's financial statements by the due date and time specified in the solicitation, in order to demonstrate the Vendor's financial capabilities. If not submitted with solicitation response, it must be submitted within three business days of County's written request.
- b. Each Vendor shall submit its most recent two years of financial statements for review. The financial statements are not required to be audited financial statements. The annual financial statements shall be in the form of:

- i. Balance sheets, income statements and annual reports; or
- ii. Tax returns; or
- iii. SEC filings.

If tax returns are submitted, ensure it does not include any personal information (as defined under Section 501.171, Florida Statutes), such as social security numbers, bank account or credit card numbers, or any personal pin numbers. If any personal information data is part of financial statements, redact information prior to submitting a response the County.

- c. If a Vendor has been in business for less than the number of years of required financial statements, then the Vendor must disclose all years that the Vendor has been in business, including any partial year-to-date financial statements.
- d. The County may consider the unavailability of the most recent year's financial statements and whether the Vendor acted in good faith in disclosing the financial documents in its evaluation.
- e. Any claim of confidentiality on financial statements should be asserted at the time of submittal. Refer to Standard Instructions to Vendors, Confidential Material/Public Records and Exemptions for instructions on submitting confidential financial statements. The Vendor's failure to provide the information as instructed may lead to the information becoming public.
- f. Although the review of a Vendor's financial information is an issue of responsibility, the failure to either provide the financial documentation or correctly assert a confidentiality

claim pursuant the Florida Public Records Law and the solicitation requirements (Confidential Material/ Public Records and Exemptions section) may result in a recommendation of non-responsiveness by the Director of Purchasing.

### 3. Authority to Conduct Business in Florida

- a. A Vendor must have the authority to transact business in the State of Florida and be in good standing with the Florida Secretary of State. For further information, contact the Florida Department of State, Division of Corporations.
- b. The County will review the Vendor's business status based on the information submitted with the solicitation response.
- c. It is the Vendor's sole responsibility to comply with all state and local business requirements.
- d. Vendor should list its active Florida Department of State Division of Corporations Document Number (or Registration No. for fictitious names) in the **Vendor Questionnaire**, Question No. 10.
- e. If a Vendor is an out-of-state or foreign corporation or partnership, the Vendor must obtain the authority to transact business in the State of Florida or show evidence of application for the authority to transact business in the State of Florida, upon request of the County.
- f. A Vendor that is not in good standing with the Florida Secretary of State at the time of a submission to this solicitation may be deemed non-responsible.
- g. If successful in obtaining a contract award under this solicitation, the Vendor must remain in good standing throughout the contractual period of performance.

### 4. Affiliated Entities of the Principal(s)

- a. All Vendors are required to disclose the names of "affiliated entities" of the Vendor's principal(s) over the last five (5) years (from the solicitation opening deadline) that have acted as a prime Vendor with the County. The Vendor is required to provide all information required on the **Affiliated Entities of the Principal(s) Certification** form.

- b. The County will review all affiliated entities of the Vendor's principal(s) for contract performance evaluations and the compliance history with the County's Small Business Program, including CBE, DBE and SBE goal attainment requirements. "Affiliated entities" of the principal(s) are those entities related to the Vendor by the sharing of stock or other means of control, including but not limited to a subsidiary, parent or sibling entity.
- c. The County will consider the contract performance evaluations and the compliance history of the affiliated entities of the Vendor's principals in its review and determination of responsibility.

#### 5. **Insurance Requirements**

The **Insurance Requirement Form** reflects the insurance requirements deemed necessary for this project. While it is not necessary to have this level of insurance in effect at the time of solicitation response, all Vendors are required to either submit insurance certificates indicating that the Vendor currently carries the level insurance coverages or submit a letter from the insurance carrier indicating Vendor can obtain the required insurance coverages.

### **C. Additional Information and Certifications**

The following forms and supporting information (if applicable) should be completed and submitted with the solicitation response. If not submitted with solicitation response, it must be submitted within three business days of County's written request. Failure to timely submit may affect Vendor's evaluation.

#### 1. **Vendor Questionnaire and Standard Certifications**

Vendors are required to submit detailed information on their firm and certify to the below requirements. Refer to the **Vendor Questionnaire and Standard Certification** and submit as instructed.

- a. Drug-Free Workplace Certification
- b. Non-Collusion Certification
- c. Public Entities Crimes Certification
- d. Scrutinized Companies List Certification

#### 2. **Subcontractors/Subconsultants/Suppliers Requirement**

If the Subcontractors/Subconsultants/Suppliers Information Form is included in the solicitation, the Vendor shall submit a listing of all subcontractors, subconsultants, and major material suppliers, if any, and the portion of the contract they will perform. Vendors must follow the instructions included on the **Subcontractors/Subconsultants/Suppliers Information Requirement** form and submit as instructed.

### **D. Standard Agreement Language Requirements**

The acceptance of or any exceptions taken to the terms and conditions of the County's Agreement shall be considered a part of a Vendor's solicitation response and will be considered by the Evaluation Committee.

1. The applicable Agreement terms and conditions for this solicitation are indicated in the **Special Instructions to Vendors**.
2. Vendors are required to review the applicable terms and conditions and submit the **Agreement Exception Form**. The completed form should be submitted with the solicitation response. If not submitted with solicitation response, it shall be deemed an affirmation by the Vendor that it accepts the contract terms and conditions stated in the solicitation.
  - b. If exceptions are taken, the Vendor must specifically identify each term and condition with which it is taking an exception. Any exception not specifically listed is deemed waived. Simply identifying a section or article number is not sufficient to state an exception. Provide either a redlined version of

the specific change(s) or specific proposed alternative language. Additionally, a brief justification specifically addressing each provision to which an exception

is taken should be provided.

- c. Submission of any exceptions to the Agreement does not denote acceptance by the County. Furthermore, taking exceptions to the County's terms and conditions may be viewed unfavorably by the Evaluation Committee and ultimately may impact the overall evaluation of a Vendor's submittal.

#### **E. Cone of Silence**

1. The Board of County Commissioners updated provisions of the Cone of Silence Ordinance, Section 1-266, of the Broward County Code of Ordinances, effective as of April 1, 2022.
2. The County's Cone of Silence Ordinance prohibits all communications, oral or written, relating to a competitive solicitation among vendors/vendor representatives, County Staff, and Commissioner Offices while the Cone is in effect. Communications with Purchasing Division employees, the solicitation's designated Project Manager(s) or designee(s), the Office of Economic and Small Business Development (OESBD) Small Business Development Specialist Supervisor (954) 357-6400, and others as specifically identified in the Cone of Silence Ordinance are permitted. Additionally, communication is permitted at pre-bid conferences and negotiation meetings, as applicable.
3. The Cone of Silence begins upon the advertisement of an ITB, RFP, RFQ, or RLI. The Cone of Silence terminates when the solicitation is awarded, all responses are rejected, or the Board takes other action which ends the solicitation.
4. Any violations of the Code of Silence Ordinance by any vendor/vendor representative, may be reported to the County's Professional Standards/Human Rights Section. If the County's Professional Standards/Human Rights Section determines that a violation has occurred, a fine shall be imposed as provided in the Broward County Code of Ordinances. At the sole discretion of the Broward County Board of County Commissioners, a violation may void an award of the applicable competitive solicitation.
5. Review the Cone of Silence Ordinance, [Section 1-266](#) of the Broward County Code of Ordinances, for more detailed information.

#### **F. Evaluation Criteria**

1. The Evaluation Committee will evaluate Vendors as per the **Evaluation Criteria**. The County reserves the right to obtain additional information from a Vendor.
2. Unless the Evaluation Criteria is identified in the solicitation as an Additional Responsiveness or Responsibility Requirement (i.e., Special Instructions to Vendors, e.g., pricing, certifications, etc.), a Vendor's failure to respond to evaluation criteria will not be considered a matter of responsiveness or responsibility. Vendors that fail to submit any information and/or documentation required by an evaluation criteria will not be evaluated or scored for the corresponding evaluation criteria.
3. The County is not required to request, consider, or analyze Vendor's Evaluation Criteria responses received after the solicitation response due date; however, the County reserves the right to obtain clarifying information from a Vendor in writing for the Evaluation Committee.
4. For Request for Proposals - the following shall apply:
  - a. The Director of Purchasing may recommend to the Evaluation Committee to short list the most qualified firms prior to the Final Evaluation.
  - b. The Evaluation Criteria identifies points available; a total of 100 points is available.

- c. If the Evaluation Criteria includes a request for pricing, the total points awarded for price is determined by applying the following formula:  
$$\frac{(\text{Lowest Proposed Price}/\text{Vendor's Price}) \times (\text{Maximum Number of Points for Price})}{\text{Price Score}}$$
  - d. After completion of scoring, the County may negotiate pricing as in its best interest.
5. For Requests for Letters of Interest or Request for Qualifications - the following shall apply:
- a. The Evaluation Committee will create a short list of the most qualified firms.
  - b. The Evaluation Committee will either:
    - i. Rank shortlisted firms; or
    - ii. If the solicitation is part of a two-step procurement, shortlisted firms will be requested to submit a response to the Step Two procurement.

#### **G. Demonstrations**

Refer to **Special Instructions to Vendors** if Demonstrations are applicable. Vendors determined to be both responsive and responsible to the requirements of the solicitation and/or shortlisted (if applicable), will be required to demonstrate the nature of their offered solution. After receipt of solicitation responses, all Vendors will receive a description of, and arrangements for, the desired demonstration. All Vendors will have equal time for demonstrations, but the question-and-answer time may vary.

In accordance with Section 286.0113, Florida Statutes, and pursuant to the direction of the Broward County Board of Commissioners, demonstrations are closed to only the Vendor's team and County staff.

#### **H. Presentations**

Vendors that are determined to be both responsive and responsible to the requirements of the solicitation and/or shortlisted (if applicable) will have an opportunity to make an oral presentation to the Evaluation Committee on the Vendor's approach to this project and the Vendor's ability to perform. The committee may provide a list of subject matter for the discussion. All Vendor's will have equal time to present but the question-and-answer time may vary.

In accordance with Section 286.0113 of the Florida Statutes, and the direction of the Broward County Board of Commissioners, presentations during Evaluation Committee Meetings are closed. Only the Evaluation Committee members, County staff and the vendor and their team scheduled for that presentation will be present in the meeting during the presentation and subsequent question and answer period. Subconsultants partnering with multiple prime vendors may only be present during one presentation/question and answer session.

#### **I. Public Art and Design Program**

If indicated in Special Instructions to Vendors, Public Art and Design Program, Section 1-88, Broward County Code of Ordinances, applies to this project. It is the intent of the County to functionally integrate art, when applicable, into capital projects and integrate artists' design concepts into this improvement project. The Vendor may be required to collaborate with the artist(s) on design development within the scope of this request. Artist(s) shall be selected by

Broward County through an independent process. For additional information, contact the Broward County Cultural Division.

#### **J. Evaluation Committee Meetings**

Evaluation Committee Meetings are posted on Broward County's [Sunshine Meetings](#) website.

#### **K. Committee Appointment**

The committee members appointed for this solicitation are available on the Purchasing Division's website under [Committee Appointment](#).

**L. Committee Questions, Request for Clarifications, Additional Information**

1. At any committee meeting, the Evaluation Committee members may ask questions, request clarification, or require additional information of any Vendor's submittal or proposal. It is highly recommended Vendors attend to answer any committee questions (if requested), including a Vendor representative that has the authority to bind.
2. Vendor's answers may impact evaluation (and scoring, if applicable). Upon written request to the Purchasing Agent prior to the meeting, a conference call number will be made available for Vendor participation via teleconference. Only Vendors that are found to be both responsive and responsible to the requirements of the solicitation and/or shortlisted (if applicable) are requested to participate in a final (or presentation) Evaluation Committee meeting.

**M. Vendor Questions**

The County provides a specified time for Vendors to ask questions and seek clarification regarding solicitation requirements. All questions or clarification inquiries must be submitted electronically through Periscope S2G by the Question & Answer due date and time specified in the solicitation document (including any addenda). The County will respond to questions electronically through Periscope S2G.

**N. Confidential Material/ Public Records and Exemptions**

1. Broward County is a public agency subject to Chapter 119, Florida Statutes. Upon receipt, all submittals become "public records" and shall be subject to public disclosure consistent with Chapter 119, Florida Statutes. Submittals may be posted on the County's public website or included in a public records request response unless there is a declaration of "confidentiality" pursuant to the public records law and in accordance with the procedures in this section.
2. Any confidential material(s) the Vendor asserts is exempt from public disclosure under Florida Statutes must be labeled as "Confidential" and marked with the specific statute and subsection asserting exemption from Public Records. Electronic media, including flash drives, must also comply with this requirement and separate any files claimed to be confidential.
3. To submit confidential material, at least one copy (in print or electronic format) must be submitted in a sealed envelope, labeled "Confidential Matter" with the solicitation number, title, date and the time of solicitation opening to:

Broward County Purchasing Division 115  
South Andrews Avenue, Room 212 Fort  
Lauderdale, FL 33301

4. Any materials that the Vendor claims to be confidential and exempt from public records must be marked and separated from the submittal. If the Vendor does not comply with these instructions, the Vendor's claim for confidentiality will be deemed as waived.
5. Submitting confidential material may impact full discussion of your submittal by the Evaluation Committee because the Committee will be unable to discuss the details contained in the documents cloaked as confidential at the publicly noticed Committee meeting.

**O. Copyrighted Materials**

Copyrighted material is not exempt from the Public Records Law, Chapter 119, Florida Statutes. Submission of copyrighted material in response to any solicitation will constitute a license and permission for the County to use, reproduce, and publish (including both hard copy and electronic copies) as reasonably necessary for the evaluation of the solicitation response by County staff and agents, as well as to make the materials available for inspection or production pursuant to Public Records Law, Chapter 119, Florida Statutes.

**P. State and Local Preferences**

If the solicitation involves a federally funded project where the fund requirements prohibit the use of state and/or local preferences, such preferences contained in the Local Preference Ordinance and Broward County Procurement Code will not be applied in the procurement process.

**Q. Local Preference**

The following local preference provisions shall apply except where otherwise prohibited by federal or state law or other funding source restrictions.

For all competitive solicitations in which objective factors used to evaluate the responses from vendors are assigned point totals:

- a. Five percent (5%) of the available points (for example, five points of a total 100 points) shall be awarded to each locally based business and to each joint venture composed solely of locally based businesses, as applicable;
- b. Three percent (3%) of the available points shall be awarded to each locally based subsidiary and to each joint venture that is composed solely of locally based subsidiaries, as applicable;and
- c. For any other joint venture, points shall be awarded based upon the respective proportion of locally based businesses and locally based subsidiaries' equity interests in the joint venture.

If, upon the completion of final rankings (technical and price combined, if applicable) by the Evaluation Committee, a nonlocal vendor is the highest ranked vendor and one or more Local Businesses (as defined by Section 1-74 of the Broward County Code of Ordinances) are within five percent (5%) of the total points obtained by the nonlocal vendor, the highest ranked Local Business shall be deemed to be the highest ranked vendor overall, and the County shall

proceed to negotiations with that vendor. If impasse is reached, the County shall next proceed to negotiations with the next highest ranked Local Business that was within five percent (5%) of the total points obtained by the nonlocal vendor, if any.

Refer to Section 1-75 of the Broward County Local Preference Ordinance and the **Location Certification Form** for further information.

#### **R. Tiebreaker Criteria**

In accordance with Section 21.42(d) of the Broward County Procurement Code, the tiebreaker criteria shall be applied based upon the information provided in the Vendor's response to the solicitation.

In order to receive credit for any tiebreaker criterion, complete and accurate information must be contained in the Vendor's submittal.

1. Location Certification Form;
2. Domestic Partnership Act Certification;
3. Tiebreaker Criteria Form: Volume of Payments Over Five Years

#### **S. Posting of Solicitation Results and Recommendations**

The Broward County Purchasing Division's website is the location for the County's posting of all solicitations and recommendation for award and recommendation of rankings. It is the obligation of each Vendor to monitor the website in order to obtain complete and timely information.

#### **T. Review and Evaluation of Responses**

An Evaluation Committee is responsible for recommending the most qualified Vendor(s).The process for this procurement may proceed in the following manner:

1. The Purchasing Division delivers the solicitation submittals to agency staff for summarization forthe committee members. Agency staff prepares a report, including a matrix of responses submitted by the Vendors. This may include a technical review, if applicable. If a demonstration is required, County will appoint a Technical Review Team ("TRT") to view all Vendor demonstrations. The TRT will be comprised of County staff with specific subject matter expertise. The TRT will review all Vendor demonstrations for compliance with the Demonstration Script. The Project Manager will compile the results of each Vendor's demonstration into a final TRT Report. The TRT Report will be distributed to the Evaluation Committee members prior to the Final Evaluation Meeting.

2. A solicitation may only be awarded to a vendor whose submission is responsive to the requirements of the solicitation. The Director of Purchasing shall determine whether submissions are responsive. For solicitations in which an Evaluation Committee has been appointed, the Director of Purchasing's determination regarding responsiveness is not binding on the Evaluation Committee, which may accept or reject such determination but must state with specificity the basis for any rejection thereof.
3. The Evaluation Committee, with assistance of the Purchasing Division and based on information provided by the applicable County Agencies and the Office of the County

Attorney, shall determine whether vendors who have submitted responsive submissions are responsible. Notwithstanding the foregoing, the awarding authority for a solicitation shall have the ultimate authority to determine whether vendors who have submitted responsive submissions are responsible. When making determinations of responsibility, the Director of Purchasing or the Evaluation Committee (as applicable) may request additional information from any vendor on matters that may affect a vendor's responsibility. The failure of a vendor to provide information requested by the County may result in a determination of non-responsibility. In addition, a vendor may submit information regarding its responsibility; provided, however, that such information shall not be considered if it contradicts or materially alters the information provided by the vendor in its original response to the solicitation.

**U. Vendor Protest**

Part X of the Broward County Procurement Code sets forth procedural requirements that apply if a Vendor intends to protest a solicitation or proposed award of a contract and states in part the following:

1. Any written protest concerning the specifications or requirements of a solicitation (or of any addenda thereto) must be received by the Director of Purchasing within five (5) business days after the applicable solicitation (or addenda) is posted on the Purchasing Division's website.
2. Any written protest concerning a proposed award or ranking must be received by the Director of Purchasing within five (5) business days after the proposed award or ranking is posted on the Purchasing Division's website.
3. Calculation of Days. Unless otherwise expressly stated, all references to "days" mean calendar days between the hours of 8:30 a.m. and 5:00 p.m., excluding days that are County holidays. All references to "business days" mean Monday through Friday between the hours of 8:30 a.m. and 5:00 p.m., excluding days that are County holidays. In calculating time periods, the day of the event that triggers the time period shall be excluded from the calculation (for example, objections to a ranking must be filed within three (3) business days after the ranking is posted, so an objection to a ranking posted on a Monday must be filed no later than 5:00 p.m. on Thursday). Failure to file a written protest so that it is received by the Director of Purchasing within the timeframes set forth in Part X of the Broward County Procurement Code shall constitute a waiver of the right to protest. A protest submitted to anyone other than the Director of Purchasing shall not be a valid protest.
4. Except as to any protest of the specifications or requirements of a solicitation, as a condition of initiating any protest, the protestor must, concurrently with filing the protest, pay a filing fee for the purpose of defraying the costs in administering the protest in accordance with the scheduled provided below. The filing fee shall be refunded if the protestor prevails in the protest. Failure to timely pay the required filing fee shall render the protest invalid.

<u>Estimated Contract Amount</u>	<u>Filing Fee</u>
Mandatory Bid Amount up to \$250,000	\$500
\$250,000 - \$500,00	\$1,000
\$500,001 - \$5 million	\$3,000
Over \$5 million	\$5,000

The estimated contract amount shall be the total bid amount offered by the protesting vendor in its response to the solicitation, inclusive of any contract renewals or extensions. If no bid amount was submitted by the protestor, the estimated contract amount shall be the County's estimated contract price for the procurement. The County will accept a filing fee in the of a money order, certified check, or cashier's check, payable to "Broward County," or other manner of payment approved by the Director of Purchasing.

#### **V. Right To Appeal**

The protestor may appeal the Director of Purchasing's denial of the protest with respect to the proposed award of a solicitation in accordance with Part XII of the Broward County Procurement Code. Decisions by the Director of Purchasing with respect to the specifications or requirements of a solicitation may only be appealed to the County Administrator or their designee, who shall determine the method, timing, and process of the appeal and whose decision shall be final.

1. The appeal must be received by the Director of Purchasing within ten (10) days after the date of the determination being appealed.
2. The appeal must be accompanied by an appeal bond by a Vendor having standing to protest and must comply with all other requirements of Part XII of the Broward County Procurement Code.
3. Except as otherwise provided by law, the filing of an appeal is an administrative remedy that must be exhausted prior to the filing of any civil action against the County concerning any subject matter that, had an appeal been filed, could have been addressed as part of the appeal.

#### **W. Rejection of Responses**

The Director of Purchasing may reject all responses to a solicitation, even when only one response is received, if the Director of Purchasing determines that doing so would be in the best interest of the County; provided, however, that only the Board may reject all responses to a solicitation where the issuance of the solicitation was approved by the Board.

#### **X. Negotiations**

Once a ranking is deemed final, the County shall commence contract negotiations with the top-ranked vendor (or, if provided in the solicitation, with multiple top-ranked vendors simultaneously). If the negotiation does not result in mutually satisfactory contract terms within a reasonable time, as determined by the Director of Purchasing, then the Director of Purchasing may terminate negotiations with the applicable vendor and commence (or continue, if the solicitation provided for negotiation with multiple top-ranked vendors) negotiations with the next-ranked vendor(s) or issue a new solicitation, as the Director of Purchasing determines to be in the best interest of the County.

#### **Y. Submittal Instructions:**

1. Broward County does not require any personal information (as defined under Section 501.171, Florida Statutes), such as social security numbers, driver license numbers, passport, military ID, bank account or credit card numbers, or any personal pin numbers, in order to submit a response for ANY Broward County solicitation. DO NOT INCLUDE any personal information data in any document submitted to the County. If any

personal information data is part of a submittal, this information must be redacted prior to submitting a response to the County.

2. Vendor MUST submit its solicitation response electronically through Periscope S2G and MUST confirm its solicitation response in order for the County to receive a valid response through Periscope S2G. It is the Vendor's sole responsibility to assure its response is submitted and received through Periscope S2G by the date and time specified in the solicitation.
3. The County will not consider solicitation responses received by other means. Vendors are encouraged to submit their responses in advance of the due date and the time specified in the solicitation. In the event that the Vendor is having difficulty submitting the solicitation response

electronically through Periscope S2G, immediately notify the Purchasing Agent and then contact Periscope S2G for technical assistance.

4. Vendor must view, submit, and/or accept each of the documents in Periscope S2G. Web-fillable forms can be filled out and submitted through Periscope S2G.
5. After all documents are viewed, submitted, and/or accepted in Periscope S2G, the Vendor must upload additional information requested by the solicitation (i.e. Evaluation Criteria and Financial Statements) in the Item Response Form in Periscope S2G, under line one (regardless if pricing requested). Evaluation Criteria responses should be non-locked file format.
6. If the Vendor is declaring any material confidential and exempt from Public Records, refer to Confidential Material/ Public Records and Exemptions for instructions on submitting confidential material.
7. After all files are uploaded, Vendor must submit and CONFIRM its offer (by entering password) for offer to be received electronically through Periscope S2G.
8. If a solicitation requires an original Proposal Bond (per Special Instructions to Vendors), Vendor must submit in a sealed envelope, labeled with the solicitation number, title, date and the time of solicitation opening to:

Broward County Purchasing Division 115  
South Andrews Avenue, Room 212 Fort  
Lauderdale, FL 33301

9. A copy of the Proposal Bond should also be uploaded into Periscope S2G; this does not replace the requirement to have an original proposal bond. Vendors must submit the original Proposal Bond, by the due date and time specified in the solicitation.

*Revised June 15, 2023*

## **Special Instructions to Vendors Design-Build: Sheridan St. Bridge Over FL Turnpike (Step Two)**

Design-Build Firms are instructed to read and follow the instructions carefully, as any misinterpretation or failure to comply with instructions may lead to a Firm's submittal being rejected.

### **A. Additional Responsiveness Criteria:**

In addition to the requirements evaluated during Step-One of RFQ No. PNC2126443R1 (Standard Instructions to Vendors), the following criteria shall be evaluated in making a determination of responsiveness for Step Two:

#### **1. Bonding Requirement:**

Refer to **Bid Guaranty, Performance and Payment Guaranties, and Qualifications of Surety** form for submittal requirements and forms. Design-Build Firm must submit an original Bid Bond in the amount of **5%** of the total price offered for line items 01 through 04 at time of the solicitation due date and time in order to be responsive to solicitation requirements. Failure to submit a Bid Bond by the solicitation due date and time, and in accordance with instructions will deem the Design-Build Firm non-responsive.

Failure to submit an original submittal bond, or other acceptable alternative, by the solicitation due date and time, and in accordance with the instruction in the Bid Bond, Performance and Payment Guaranties, and Qualifications of Surety Requirements will deem the Design-Build Firm non-responsive. For additional submittal instructions, refer to **Standard Instructions to Vendors, Section Y.9.**

#### **2. Pricing:**

2.1. Design-Build Firm's proposed pricing will be used for scoring purposes, and remains subject to negotiation, which may result in a reduction from their proposed lump sum pricing. Scoring for price is set forth in the **Evaluation Criteria Form.**

2.2. **Periscope S2G Place Offer Section:** Design-Build Firms are required to submit pricing via Periscope S2G. It is the Design-Build Firm's sole responsibility to assure their pricing is submitted and received electronically through Periscope S2G by the solicitation due date and time. The County will not consider pricing received by other means. Pricing submitted electronically in Periscope S2G is a matter of responsiveness. Failure to complete and electronically submit pricing in Periscope S2G shall determine the Design-Build Firm to be **non-responsive** to the solicitation pricing requirements.

### **B. Additional Responsibility Criteria:**

In addition to the requirements evaluated during Step-One of RFQ No. PNC2126443R1 (Standard Instructions to Vendors), the following criteria shall be evaluated in making a determination of responsibility for Step Two:

#### **1. Office of Economic and Small Business Development Program:**

This solicitation has the following Disadvantage Business Enterprise Goals: **10%** DBE Goals. Design-Build Firms must follow the instructions included in the **Office of Economic and Small Business Development Requirements for Disadvantaged Business Enterprise (DBE)** and submit all required forms and information as instructed (per section 2.b).

**C. Revisions to Information Previously Submitted:**

1. Responsiveness and Responsibility: Standard Instructions to Vendors, Section A. Responsiveness Criteria, and Section B. Responsibility Criteria are not required to be re-submitted as it was previously evaluated in Step One. Only new, revised, or updated information is required to be submitted (i.e. new “material” case, change of status on a previously disclosed case, etc.).
2. Evaluation Criteria: If there are changes to previously submitted qualifications (i.e. professional personnel, etc.) or firm information (ex. Vendor Questionnaire) updated information is required to be submitted.
3. The new, revised, or updated information may affect the previous determination of responsiveness, responsibility, or qualifications (as applicable) for the Design-Build Firm, if the County determines that said revisions or changes are deemed material to the Project or to the Design-Build Firm’s submittal. Any new, revised, or updated information will be submitted to the Evaluation Committee for review and determination.
4. Failure of qualified Design-Build Firm to inform the County of any material changes could affect Design-Build Firm’s determination of responsiveness, responsibility, and/or qualifications (as applicable), if the County determines that said revisions or changes are deemed material to the Project or to the Design-Build Firm’s submittal.
5. Design-Build Firms shall submit in writing to County any revisions or changes, or new information, identifying previously submitted information and the change or new information. If there are no changes or revisions, a Contractor Statement on company letterhead, signed by the owner or authorized company representative, affirming that there are no changes to the information submitted in response to Step-One of RFQ No. PNC2126443R1. If not provided with submittal, the Design-Build Firm must submit within three business days of County’s request. Design-Build Firm may be deemed non-responsible for failure to fully comply within stated timeframes.

**D. Standard Agreement Language Requirements:**

The Project-Specific Agreement terms and conditions for this solicitation can be located at:

[DB Agmt - Draft Template \(broward.org\)](#)

Additionally, refer to:

**“Attachment Applicable to All Solicitations for Surtax-Funded Projects”**

**“Supplemental Florida Department of Transportation (FDOT) Requirements”**

Refer to **Standard Instructions for Vendors** and the requirements to review the applicable terms and conditions (and submission of the **Agreement Exception Form**).

**E. Demonstrations:**

Not applicable to this solicitation.

**F. Presentations:**

Applies to this solicitation. Refer to Standard Instructions to Vendors for additional information and requirements.

**G. Public Art and Design Program:**

Not applicable to this solicitation.

**H. Procurement Authority:**

Design Build: Two Step Process – Step 1 – Issue solicitation to qualify and short list Vendors; Step 2 – Issue Request for Proposal to shortlisted Vendors to obtain proposals, in accordance with Florida Statutes, Section 287.055, Consultants' Competitive Negotiation Act (CCNA).

**I. Project Funding Source - this project is funded in whole or in part by:**

Florida Department of Transportation (FDOT)  
Surtax Funds

**J. Project Manager Information:**

Project Manager: Joan Shen, P.E., PTOE, Ph.D., Highway and Bridge Maintenance Division  
Email: [jshen@broward.org](mailto:jshen@broward.org)

**K. Tie Breakers:**

Section R of Standard Instructions to Vendors Section is modified as follows, due to State funding restrictions:

In accordance with Section 21.42(d) of the Broward County Procurement Code, the tiebreaker criteria shall be applied based upon the information provided in the Vendor's response to the solicitation.

In order to receive credit for any tiebreaker criterion, complete and accurate information must be contained in the Vendor's submittal.

1. Location Certification Form;
- ~~2. Domestic Partnership Act Certification;~~
- ~~3. Tiebreaker Criteria Form: Volume of Payments Over Five Years~~

## **Bid Bond, Bid Security, Performance and Payment Security, and Qualifications of Surety Requirements:**

A. **Bid Bond:** A Vendor must submit with its response a bid bond in the form of the County's approved Bid Bond Form, including all substantive terms set forth therein, which shall be executed by a surety company meeting the **Qualifications of Surety Requirements**. Failure to submit a bid bond by the solicitation due date and time, and in accordance with instructions will deem Vendor non-responsive. A copy of the County-approved **Bid Bond Form** may be found at: [https://www.broward.org/Purchasing/Pages/StandardTerms\\_copy\(1\).aspx](https://www.broward.org/Purchasing/Pages/StandardTerms_copy(1).aspx) under the section "Standard Guaranty and Bond Forms."

B. **Bid Security:** In lieu of a bid bond, the following will be acceptable: money order, certified check, cashier's check, an original **Bid Security - Unconditional Letter of Credit**, treasurer's check or bank draft of any national or state bank (United States). A personal check or a company check of a Vendor is not a valid bid guarantee.

1. The bid security shall be in an amount equal to five percent (5%) of the total price offered, payable to Broward County and conditioned upon the successful Vendor providing the Performance and Payment Security, evidence of insurance, or any other requirements set forth within the solicitation, within 10 calendar days after notification of award of the contract.

2. Security of the successful Vendor shall be forfeited to the Broward County not as a penalty, but as liquidated damages for the cost and expense incurred should said Vendor fail to provide the required Performance and Payment Security or Certificate of Insurance or fail to comply with any other requirements set forth in the solicitation. Upon request, bid securities of unsuccessful vendors will be returned after award of contract or expiration of bid validity.

3. Vendors must either submit an electronic bid bond through Periscope S2G or submit an original bid security to the Purchasing Division, by solicitation due date and time, or Vendor may be deemed non-responsive.

a. To submit an electronic bid bond, Vendor must submit through Periscope S2G, using **Surety 2000**. Vendors, bonding agents, and surety companies must register with Surety 2000 to use the service; contact **Surety 2000** to find out information regarding their service ([www.surety2000.com](http://www.surety2000.com) or 800-660-3263).

i. The Vendor must provide their bonding agent with Broward County's vendor identification number for Surety 2000 (P06145037) and its "Supplier identifier" number. The Vendor's individual Supplier identifier number is available on the Details tab in BidSync (Bid Bond: See bid bond information).

ii. The bonding agent can then provide a Bid Bond Number for the Vendor to import into Periscope S2G.

iii. For detailed instructions on submitting an electronic bid bond, visit Vendor Registration page at [www.broward.org/Purchasing/Pages/Registration.aspx](http://www.broward.org/Purchasing/Pages/Registration.aspx) and select "How to Submit an electronic bid bond?"

iv. Broward County reminds Vendors to allow enough time to secure a bid bond and submit electronically in case there are any errors or issues. If there are errors during the import process, check all identification numbers. Contact Surety 2000 for additional assistance.

v. An original bid bond will not be required when the bid bond is submitted electronically through Surety 2000.

b. To submit an original bid security, in lieu of submitting an electronic bid bond through Periscope S2G, Vendor must submit an original bid security in a sealed envelope, with the solicitation number, solicitation title, date and the time of bid opening, and address listed on the envelope. A copy of the bid security should also be uploaded into Periscope S2G. The uploaded copy of the bid guarantee does not replace the original bid security submission requirement. Vendors must submit the original bid guarantee, by the solicitation due date and time, to:

Broward County Purchasing Division 115  
South Andrews Avenue, Room 212 Fort  
Lauderdale, FL 33301

C. **Performance and Payment Security:** within 10 calendar days of being notified of the award of contract, Vendor shall furnish the referenced Performance Bond and a Payment Bond containing all the provisions of the:

**Goods and Services - Performance Bond Form and Payment Bond Form OR**

**For All Other Broward County Form (BCF) Agreements - Performance Bond Form and Payment Bond Form**

1. The bonds shall be in the amount of **one hundred percent (100%)** of the total contract amount of a fixed contract or total contract amount of the initial contract term of a multi-year contract containing one or more renewable term guaranteeing to County the completion and performance of the work covered in such Contract as well as full payment of all suppliers, material men, laborers, or subcontractors employed pursuant to this project. Such bond(s) shall be with a surety company which is qualified pursuant to the section, Qualifications of Surety.
2. Each bond shall continue in effect for one year after completion and acceptance of the performance or work with liability equal to one hundred percent (100%) of the Contract price for work performed, or an additional bond shall be conditioned that the Vendor will upon notification by the County, correct any defective or faulty work or materials which appear within one year after completion of the work.
3. For Construction Contracts Only: Pursuant to the requirements of Section 255.05(1), Florida Statutes, Vendor shall ensure that the bonds referenced above shall be recorded in the public records of Broward County and provide County with evidence of such recording.
4. In lieu of the performance and payment bond, Vendor may furnish an alternate form of security which may be in the form of , money order, certified check, cashier's check or an original **Bid Guarantee - Unconditional Letter of Credit** (for BCF agreements) or **Bid Guarantee - Unconditional Letter of Credit** (for Goods and Services) as reflected on the County's form. Such alternate forms of security shall be for the same purpose and shall be subject to the same conditions as those applicable above and shall be held by the County for one year after completion and acceptance of the work.
5. The Vendor is required at all times to have valid Performance and Payment Guarantees (or other approved security) in force covering the work being performed.
6. The Vendor agrees to keep such Guarantees (or other security) in effect for the duration of the contract. If the contract is extended or renewed, it shall be subject to the same bonding (or other approved security) requirements.

**D. Qualifications of Surety Requirements:** A bid bond, performance bond, and payment bond must be executed by a surety company of recognized standing, authorized to do business in the State of Florida, having a resident agent in the State of Florida, and having been in business with a record of successful continuous operation for at least five years.

1. In addition to the above-minimum qualifications, the surety company must meet at least one of the following additional qualifications:
  - a. The surety company shall hold a current Certificate of Authority as acceptable surety on federal bonds in accordance with the United States Department of Treasury Circular 570, current revision. If the amount of the Bond exceeds the underwriting limitation set forth in the circular, in order to qualify, the net retention of the surety company shall not exceed the underwriting limitation in the circular and the excess risks must be protected by coinsurance, reinsurance, or other methods in accordance with Treasury Circular 297, Revised (31 DFR Section 223.10 Section 223.11). Further, the surety company shall provide the County with evidence satisfactory to the County, that such excess risk has been protected in an acceptable manner.
  - b. The surety company shall hold a current Certificate of Authority with the Florida Office of Insurance Regulation.
  - c. The surety company shall have at least the following minimum ratings:

Amount of Bond	Surety Ratings	Financial Size Category
\$500,001 to \$1,000,000	A, A-	Class I
\$1,000,001 to \$2,000,000	A, A-	Class II
\$2,000,001 to \$5,000,000	A	Class III
\$5,000,001 to \$10,000,000	A	Class IV
\$10,000,001 to \$25,000,000	A	Class V

\$25,000,001	to	\$50,000,000	A	Class VI
\$50,000,001		or more	A	Class VII

2. For projects which do not exceed \$500,000, the County shall accept a Bid Bond and Performance and Payment Bond from a surety company which has twice the minimum surplus and capital required by the Florida Office of Insurance Regulation at the time the solicitation is issued, if the surety company is otherwise in compliance with the provisions of the Florida Insurance Code, and if the surety company holds a currently valid Certificate of Authority issued by the United States Department of the Treasury under Section 9304 to 9308 of Title 31 of the United States Code.
3. If the surety company fails to meet the minimum standards, a bond from a surety that meets the minimum standards must be provided to satisfy the bonding requirements.

Revised 11/24/2021

## Attachment Applicable to All Solicitations for Surtax-Funded Projects

1. The Public Art and Design Program, Section 1-88, Broward County Code of Ordinances, is not an eligible expense under Section 212.055, Florida Statutes, and is not applicable to this project.
2. Additional agreement provisions:
  - a. The continuation of this Agreement beyond the end of any County fiscal year (October 1 through September 30) is subject to both the appropriation and the availability of transportation surtax funds in accordance with Chapter 129, Florida Statutes.
  - b. Any portion of this project budgeted by County to be funded by proceeds from the transportation surtax levied pursuant to Section 212.055(1), Florida Statutes (“Surtax Funded Work”) shall be paid exclusively from and is subject to the availability of proceeds from the transportation surtax, and County shall not have any obligation to provide nor shall County provide any funding from County’s general revenue or any other County source for Surtax Funded Work. Funding for Surtax Funded Work shall be utilized only for the purposes permitted under Section 212.055(1), Florida Statutes.

## **Supplemental Florida Department of Transportation (FDOT) Requirements:**

### **Disadvantaged Business Enterprise**

This solicitation has the following Disadvantage Business Enterprise Goals: **10%** (“DBE Goals”). It is the policy of FDOT that DBE’s, as defined in 49 CFR Part 26, as amended, shall have the maximum opportunity to participate in the performance of contracts financed in whole or in part under this Agreement. Vendor must take all necessary and reasonable steps in accordance with 49 CFR Part 26, as amended, to ensure that DBEs have the maximum opportunity to compete for and perform contracts. County, Vendor, and subcontractors shall not discriminate on the basis of race, color, national origin, or sex in the award and performance of contracts, entered pursuant to this Agreement. Vendor must correctly submit completed **Letter(s) of Intent between Vendor/Offeror and Disadvantaged Business Enterprise (DBE) – Exhibit 1A or Application for Evaluation of Good Faith Effort (only required if goals were not met) – Exhibit 2**. The Office of Economic and Small Business Development will review all forms to determine compliance.

### **Preference for State Residents**

Because the Project is procured pursuant to Chapter 255, Florida Statutes, for construction services and at the time of the competitive solicitation for the Project fifty (50) percent or more of the cost of the Project is to be paid from state-appropriated funds, County must comply with the requirements of Section 255.099(1), Florida Statutes.

### **Certificate of Qualification**

An entity or affiliate who has had its FDOT issued certificate of qualification suspended, revoked, denied or have further been determined by FDOT to be a non-responsible contractor may not submit a bid or perform work for the construction or repair of a public building or public work on a contract with County.

### **Insurance Requirement Updates**

To the extent FDOT’s Standard Specifications for Road and Bridge Construction, as revised at the time County enters into this Contract for construction of the Project, require higher or different insurance coverages, the requirements of the Standard Specifications shall control.

### **Indemnity Requirements**

Design/Build Firm shall indemnify and hold harmless County and the State of Florida, Department of Transportation, including the Department’s officers and employees, from liabilities, damages, losses and costs, including, but not limited to, reasonable attorney’s fees, to the extent caused by the negligence, recklessness or intentional wrongful misconduct of the Design/Build Firm and persons employed or utilized by the Design/Build Firm in the performance of this Agreement.

This indemnification shall survive the termination of this Agreement.

**Office of Economic and Small Business Development Requirements for  
Disadvantaged Business Enterprise (DBE) Program**

1. In accordance with 49 CFR Part 26, the Disadvantaged Business Enterprise (DBE) Program shall apply to this Contract. All persons or entities responding to this solicitation shall utilize, or attempt to utilize, DBE firms to perform at least the assigned participation goal ("DBE Goal") for this Contract, as identified in the **Special Instructions to Vendors**.
2. Compliance with DBE Goal requirements is a matter of responsibility. Information demonstrating such compliance must be submitted with Vendor's response to the solicitation. Vendor must at least show an attempt to meet the DBE Goal by providing **Letters of Intent (LOI) between Bidder/Offerer and Disadvantaged Business Enterprise (DBE)**. Alternatively, Vendor may show good faith efforts to meet the DBE Goal by providing **Application for Evaluation of Good Faith** and supporting documentation. Failure to meet the DBE goal or demonstrate good faith efforts to meet the DBE Goal shall be grounds for a finding of non-responsibility. In connection with the DBE Goal, Vendor may be deemed responsible in one of two ways.
  - a. The first way you may be deemed responsible is by submitting LOIs from certified DBE firms which, cumulatively, fully meet the goal.
  - b. If the Vendor is unable to fully meet the DBE Goal, the second way the Vendor may be deemed responsible is by demonstrating good faith efforts to meet the goal ("Good Faith Efforts") and submitting a completed **Application for Evaluation of Good Faith Effort**. Such Good Faith Efforts shall be consistent with the Guidance Concerning Good Faith Efforts provided by the federal Department of Transportation, found in 49 CFR 26, Appendix A. Without limiting the preceding sentence, documentation Vendor may submit to demonstrate Good Faith Efforts may include, but is not limited to:
    - i. Providing timely solicitation activities to certified DBE firms, including attendance at pre-bid meetings, advertisements, or written notices;
    - ii. Identifying appropriate contract portions and scopes of work that certified DBE firms could potentially perform;
    - iii. Providing timely and adequate information to the certified DBE firms (including plans and specifications);
    - iv. Good faith negotiation with each interested, certified DBE firm (including names and contact information of each DBE firm considered) with an explanation as to why negotiations failed; and
    - v. Investigating DBE qualifications and capabilities; list reason(s) if a certified DBE firm is rejected.
3. Additional Factors in Review of Good Faith Efforts: In evaluating your Good Faith Efforts, the County may also consider the success other Vendors that have responded to the solicitation have had in meeting the DBE Goal.
4. Opportunity to Cure. Office of Economic and Small Business Development (OESBD) shall review your response to the solicitation. If OESBD discerns your intent to meet the DBE Goal, but determines that your response contains technical errors or requires further documentation, then OESBD may provide you with three (3) business days to correct those errors or provide documentation.
5. Program Requirements for DBE participation:
  - a. For a firm's participation to be considered in meeting the DBE Goal, the firm must be certified as a DBE to perform the applicable work no later than the date your response to the solicitation is due to the Purchasing Division.
  - b. Additionally, a certified DBE firm may only participate in a contract if it is performing a commercially useful function. A certified DBE firm performs a commercially useful function when it is responsible for execution of the work of the contract and is carrying out its re

sponsibilities by actually performing, managing, and supervising the work involved. To perform a commercially useful function, the certified DBE firm must also be responsible, with respect to materials and supplies used on the contract, for negotiating price, determining quality and quantity, ordering the material, and installing (where applicable) and paying for the material itself.

6. DBE participation shall be counted in accordance with 49 CFR 26.55.
7. Nothing herein shall be construed to indicate that a higher level of certified DBE firm involvement above the stated goal will give any person or entity that has responded to the solicitation an advantage over other responders who have met the DBE Goal or shown Good Faith Efforts, as determined by the County.
8. A comprehensive listing of certified DBE firms is published in the Florida Department of Transportation (FDOT) Business Directory and can be viewed at the following Unified Certification Program (UCP) website: <https://fdotxwp02.dot.state.fl.us/EqualOpportunityOfficeBusinessDirectory/CustomSearch.aspx>.
9. For detailed information regarding the Disadvantaged Business Enterprise Program, please contact the Office of Economic and Small Business Development at (954) 357- 6400 or the website at: <https://www.broward.org/EconDev/Pages/FederalCertificationPrograms.aspx#DBE>

**Evaluation Criteria for  
Design-Build Sheridan Street Bridge over Florida Turnpike (STEP TWO)**

Evaluation Criteria	Total Points
<b>1) Project Approach (Maximum 30 Points)</b>	
<p>A. Based on Project information provided in this solicitation, describe the Design-Build Firm's Project specific approach to design and construction and identify key elements. Consideration will be given for the quality of the following key elements:</p> <ul style="list-style-type: none"> <li>i. Approach for design coordination and plans preparation schedule.</li> <li>ii. Describe how the Structural Design Peer reviews will be coordinated and accomplished.</li> <li>iii. Approach for completing the design of Structure Plans.</li> <li>iv. Design approach for completing all Roadway Plans, Drainage, Signing and Pavement Marking Plans, Lighting and Signalization Plans.</li> <li>v. Approach for accomplishing and coordinating geotechnical investigations.</li> <li>vi. Design/construction coordination and expediting the processing of shop drawings and submittals.</li> <li>vii. Utility relocation and coordination approach, minimizing impacts and disruption to existing utility services.</li> <li>viii. Describe approach for completing required Survey topographic, staking and layouts and control program.</li> <li>ix. Approach for showing clear understanding of the requirements for erosion control, permitting, embankment, and structural elements for environmental compliance.</li> <li>x. Approach and procedures for tracking As-Built and Record Drawings.</li> <li>xi. Other elements/approaches that the shortlisted Design-Build Firm would propose in support of the Project.</li> </ul>	<b>14</b>
<p>B. Describe the Design-Build Firm's Project specific approach to Maintenance of Traffic (MOT) phasing and compliance with FDOT and County's MOT requirements and minimum standards.</p> <ul style="list-style-type: none"> <li>1. Provide an MOT scheme that achieves the requirements set forth within the Design Criteria Package and minimizes disruptions of traffic as well as impacts to surrounding neighborhoods.</li> <li>2. Provide a Construction Phasing/Sequencing Plan that clearly addresses the following project challenges: <ul style="list-style-type: none"> <li>i. Access and utility services to the surrounding private or public entity in the vicinity of the construction.</li> <li>ii. Temporary drainage, lighting, and detours for all roadway users.</li> <li>iii. Coordination with the Construction Project Manager, Broward County Departments, Florida Department of Transportation, and local municipalities.</li> <li>iv. Provisions for minimizing impacts to traffic operations on Florida Turnpike and Sheridan Street as well as other roadways.</li> <li>v. Approach to handling the response to accidents and roadway incidents.</li> <li>vi. Seasonal and work hour restrictions.</li> <li>vii. Noise, vibration, and dust control, especially to the surrounding residential areas.</li> <li>viii. Material and Equipment deliveries.</li> </ul> </li> </ul>	<b>8</b>

Evaluation Criteria	Total Points
<p>The Construction Phasing/Sequencing Plan should describe the timing and phasing of construction for drainage conveyance to on-site and off-site facilities, the timing and duration of temporary closures of Florida Turnpike and Sheridan Street, utility relocations and the accommodation of the work restrictions.</p> <p>The Construction Phasing/Sequencing Plan should also provide information regarding traffic management for Florida Turnpike and Sheridan Street, during all phases of construction, indicating proposed use of properties for staging and laydown activities, and identify potential problem areas.</p>	
<p>C. Describe the Design-Build Firm’s Project construction methods and specific approach to coordinating and mitigating potential utilities conflicts, including coordination with Florida Power and Light (existing lighting) and all other parties. Consideration will be given for:</p> <ol style="list-style-type: none"> <li>1. Approach for addressing worker safety, increases productivity without compromising quality.</li> <li>2. Approach to minimize impacts to FDOT Right-of-Way.</li> <li>3. Describe how construction methods supports other Evaluation Criteria and the County’s objectives for the Project.</li> <li>4. How to minimize the impacts to existing utilities.</li> <li>5. Access to provide adequate inspections and maintenance.</li> <li>6. Approach for operating and maintaining the roadways.</li> </ol>	<b>8</b>
<b>2) Price Proposal (Maximum 30 Points)</b>	
<p>Refer to Periscope S2G and submit as instructed. Refer to Special Instructions to Vendors - Section A. Additional Responsiveness Criteria for additional instructions.</p> <p>Design-Build Firms are informed that proposed price is being used for scoring purposes. The points will be calculated as per Standard Instructions to Vendors, Evaluation Criteria F.4.c:</p> <p>Points will be allocated based on the following formula:</p> <p><b>(Lowest Proposed Price / Vendor’s Price) X 30 = Price Score</b></p>	<b>30</b>
<b>3) Proposed Time (Maximum 10 Points)</b>	
<p>Consideration will be given for:</p> <ol style="list-style-type: none"> <li>A. An easy to understand, concise, and comprehensive summary schedule that emphasizes a reduction to the contract duration, if possible. Identification of the Proposed Contract Time in calendar days must be identified. Proper attention should be provided to the Project’s critical path elements, interim milestones for design and construction activities, permits, utility relocations, potential night work activities and problem areas, traffic provisions for work during the peak times such as major holidays, and major regional events for minimization of traffic impacts within the area of the Project. The schedule will clearly indicate all proposed lane and road closures along Florida Turnpike and Sheridan Street.</li> <li>B. Addressing phasing/sequencing and minimizing the durations of lane and/or road closures along Sherida Street and Florida Turnpike, minimizing the time required for jacking the bridge across the Florida Turnpike Right of Way.</li> <li>C. A schedule that demonstrates a clear understanding of the Project requirements and addresses the challenges specific to this Project.</li> </ol>	<b>5</b>

Evaluation Criteria	Total Points
<p>D. List the total number of calendar days from the issuance of first Notice to Proceed to final completion. Points will be allocated based on the following formula:</p> <p><b>(Shortest Completion Time among Design-Build Firms / Design-Build Firm's Completion Time) X 5 = Points Awarded</b></p>	<p><b>5</b></p>
<p><b>4) Project Management and Quality Management Plan (Maximum 20 Points)</b></p>	
<p>A. <b>Project Management Plan</b> should address the following:</p> <ol style="list-style-type: none"> <li>1. Concept of management and staffing structure for design and construction phases.</li> <li>2. Interrelationships and interface between design and construction elements, including QC for phasing and sequencing of Project.</li> <li>3. Plan for interfacing with stakeholders during design and construction phases.</li> <li>4. Document control management system and communication tools to be used with team and external members to successfully prosecute the work.</li> <li>5. Approach to safety for both the employees of the Design-Build Firm and the travelling public, including the designation of a safety officer.</li> <li>6. Approach to overcoming Project challenges and obstacles to meet substantial and final completion dates without time extensions and change orders.</li> </ol>	<p><b>10</b></p>
<p>B. <b>Quality Management Plan</b> should address the following:</p> <ol style="list-style-type: none"> <li>1. Safety (roadway users and construction workers) design and construction quality control.</li> <li>2. Recovery from unanticipated impacts and/or events in both the design and construction phase.</li> <li>3. Communication within Design-Build Firm and external communication.</li> <li>4. Required peer reviews, including Structural Design Peer reviews.</li> <li>5. Resolution of Design-Build Firm disputes and conflicts.</li> <li>6. Interpretation of design details and intent.</li> <li>7. Preserving design and construction integrity.</li> <li>8. Other means and methods that will be put in place to insure a complete project meeting schedule, budget, scope and quality requirements and expectations. The Quality Management Plan should address all design and construction phases.</li> <li>9. Timely and complete closeout.</li> <li>10. A coordination plan/effort that includes, as a minimum, coordination with the following groups: <ol style="list-style-type: none"> <li>I. Highway Bridge and Maintenance Division management teams, Traffic Engineering Division, and Highway Construction and Engineering Division.</li> <li>II. FDOT District 4 and Florida's Turnpike Enterprise.</li> <li>III. Broward County Departments.</li> <li>IV. Permitting/Environmental Agencies.</li> <li>V. Utility Owners.</li> <li>VI. Local Governments and Surrounding Communities.</li> <li>VII. Emergency Management Services.</li> </ol> </li> </ol>	<p><b>10</b></p>

Evaluation Criteria	Total Points
<b>5) Workload of Firm (Maximum 5 Points)</b>	
<p>For the Design Build Firm only, list all completed and active projects that the Design Build Firm has managed within the past five (5) years and highlight heavy structures jacking. In addition, list all projected projects that the Design Build Firm will be working on. Projected projects will be defined as a project(s) that Design Build Firm is awarded a contract but the Notice to Proceed has not been issued. Identify any projects that Design Build Firm worked on concurrently. Describe Design Build Firm's approach to managing these projects. Were there or will there be any challenges for any of these listed projects? If so, describe how Design Build Firm dealt or will deal with projects' challenges.</p>	<b>5</b>
<b>6) Location (Maximum 5 Points)</b>	
<p>Refer to <b>Location Certification Form</b> and submit as instructed. The maximum points shall be assigned to each Locally Based Business and to each joint venture that is composed solely of Locally Based Businesses.</p> <p>Points shall be allocated as follows based on the vendor's selection of one of the five options in the Location Certification Form: Option 1 (0 points); Option 2 (5 points); Option 3 (3 points); Option 4 (points range from 0-5 depending on the composition of the joint venture); and Option 5 (0 points).</p>	<b>5</b>
<b>TOTAL NUMBER OF POINTS</b>	
<b>100.00</b>	

**AGREEMENT EXCEPTION FORM**

The completed form(s) should be submitted with the solicitation response. If not submitted with solicitation response, it shall be deemed an affirmation by the Vendor that it accepts contract terms and conditions stated in the solicitation.

The Vendor must provide on the form below, any and all exceptions it takes to the contract terms and conditions stated in the solicitation, including all proposed modifications to the contract terms and conditions or proposed additional terms and conditions. Additionally, a brief justification specifically addressing each provision to which an exception is taken should be provided.

There are no exceptions to the contract terms and conditions state in this solicitation; or

The following exceptions are taken to the contract terms and conditions state in this solicitation:  
(use additional forms as needed; separate each Article/ Section number)

Term or Condition Article / Section	Insert proposed modifications to the contract terms and conditions or proposed additional terms and condition	Provide brief justification for proposed modifications
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>

**Vendor Name:**

Revised May 1, 2021

## LOCATION CERTIFICATION

Refer to applicable sections for submittal instructions. Failure to submit required forms or information by stated timeframes will deem vendor ineligible for local preference or location tiebreaker.

Broward County [Code of Ordinances, Section 1-74](#), et seq., provides certain preferences to Local Businesses, Locally Based Businesses, and Locally Based Subsidiaries, and the [Broward County Procurement Code](#) provides location as the first tiebreaker criteria. Refer to the ordinance for additional information regarding eligibility for local preference.

### For Invitation for Bids:

To be eligible for the Local Preference best and final offer (“BAFO”) and location tiebreaker, the Vendor **must** submit this fully completed form and a copy of its Broward County local business tax receipt **at the same time it submits its bid. Vendors who fail to comply with this submittal deadline will not be eligible for either the BAFO or the location tiebreaker.**

### For Request for Proposals (RFPs), Request for Letters of Interest (RLIs), or Request for Qualifications (RFQs):

For Local Preference eligibility, the Vendor **should** submit this fully **completed form and all Required Supporting Documentation** (as indicated below) at the time Vendor submits its response to the procurement solicitation. If not provided with submittal, the Vendor **must** submit within three business days after County’s written request. Failure to submit required forms or information by stated timeframes will deem the Vendor ineligible for local preference.

To be eligible for the location tiebreaker, **the Vendor must submit this fully completed form and a copy of its Broward County local business tax receipt at the same time it submits its response.** Vendors who fail to comply with this submittal deadline will not be eligible for the location tiebreaker.

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The undersigned Vendor hereby certifies that (check the box for only one option below):

**Option 1:** The Vendor is a **Local Business**, but does not qualify as a **Locally Based Business** or a **Locally Based Subsidiary**, as each term is defined by [Section 1-74, Broward County Code of Ordinances](#). The Vendor further certifies that:

- A. It has continuously maintained, for at least the one (1) year period immediately preceding the bid posting date (i.e., the date on which the solicitation was advertised),
- i. a physical business address located within the limits of Broward County, listed on the Vendor’s valid business tax receipt issued by Broward County (unless exempt from business tax receipt requirements),
  - ii. in an area zoned for the conduct of such business,
  - iii. that the Vendor owns or has the legal right to use, and
  - iv. from which the Vendor operates and performs on a day-to-day basis business that is a substantial component of the goods or services being offered to Broward County in connection with the applicable competitive solicitation (as so defined, the “Local Business Location”).

If Option 1 selected, indicate **Local Business Location**:

**Option 2:** The Vendor is both a **Local Business** and a **Locally Based Business** as each term is defined by Section 1-74, Broward County Code of Ordinances. The Vendor further certifies that:

- A. The Vendor has continuously maintained, for at least the one (1) year period immediately preceding the bid posting date (i.e., the date on which the solicitation was advertised),
  - i. a physical business address located within the limits of Broward County, listed on the Vendor's valid business tax receipt issued by Broward County (unless exempt from business tax receipt requirements),
  - ii. in an area zoned for the conduct of such business,
  - iii. that the Vendor owns or has the legal right to use, and
  - iv. from which the Vendor operates and performs on a day-to-day basis business that is a substantial component of the goods or services being offered to Broward County in connection with the applicable competitive solicitation as so defined, the "Local Business Location";
- B. The Local Business Location is the primary business address of the majority of the Vendor's employees as of the bid posting date, and/or the majority of the work under the solicitation, if awarded to the Vendor, will be performed by employees of the Vendor whose primary business address is the Local Business Location;
- C. The Vendor's management directs, controls, and coordinates all or substantially all of the day-to-day activities of the entity (such as marketing, finance, accounting, human resources, payroll, and operations) from the Local Business Location;
- D. The Vendor has not claimed any other location as its principal place of business within the one (1) year period immediately preceding the bid posting date; and
- E. Less than fifty percent (50%) of the total equity interests in the business are owned, directly or indirectly, by one or more entities with a principal place of business located outside of Broward County. The Vendor certifies that the total equity interests in the owned, directly or indirectly, by one or more entities with a principal place of business Vendor located outside of Broward County is .

If Option 2 selected, indicate **Local Business Location**:

**Option 3:** The Vendor is both a **Local Business** and a **Locally Based Subsidiary** as each term is defined by Section 1-74, Broward County Code of Ordinances. The Vendor further certifies that:

- A. The Vendor has continuously maintained:
  - i. for at least the one (1) year period immediately preceding the bid posting date (i.e., the date on which the solicitation was advertised),
  - ii. a physical business address located within the limits of Broward County, listed on the Vendor's valid business tax receipt issued by Broward County (unless exempt from business tax receipt requirements),
  - iii. in an area zoned for the conduct of such business,
  - iv. that the Vendor owns or has the legal right to use, and
  - v. from which the Vendor operates and performs on a day-to-day basis business that is a substantial component of the goods or services being offered to Broward County in connection with the applicable competitive solicitation (as so defined, the "Local Business Location");
- B. The Local Business Location is the primary business address of the majority of the Vendor's employees as of the bid posting date, and/or the majority of the work under the solicitation, if awarded to the Vendor, will be performed by employees of the Vendor whose primary business address is the Local Business Location;
- C. The Vendor's management directs, controls, and coordinates all or substantially all of the day-to-day activities of the entity (such as marketing, finance, accounting, human resources, payroll, and operations) from the Local Business Location;
- D. The Vendor has not claimed any other location as its principal place of business within the one (1) year period immediately preceding the bid posting date; and
- E. At least fifty percent (50%) of the total equity interests in the business are owned, directly or indirectly, by one or more entities with a principal place of business located outside of Broward County. The Vendor certifies that the total equity interests in the Vendor owned, directly or indirectly, by one or more entities with a principal place of business located outside of Broward County is .

If Option 3 selected, indicate **Local Business Location**:

- Option 4:** The Vendor is a **joint venture** composed of one or more Local Businesses, Locally Based Businesses, or Locally Based Subsidiaries, as each term is defined by Section 1-74, Broward County Code of Ordinances. Fill in blanks with percentage equity interest or list "N/A" if section does not apply. The Vendor further certifies that:

- A. The proportion of equity interests in the joint venture owned by **Local Business(es)** (each Local Business must comply with all of the requirements stated in Option 1) is  % of the total equity interests in the joint venture; and/or
- B. The proportion of equity interests in the joint venture owned by **Locally Based Business(es)** (each Locally Based Business must comply with all of the requirements stated in Option 2) is  % of the total equity interests in the joint venture; and/or
- C. The proportion of equity interests in the joint venture owned by **Locally Based Subsidiary(ies)** (each Locally Based Subsidiary must comply with all of the requirements stated in Option 3) is  % of the total equity interests in the joint venture.

If Option 4 selected, indicate the Local Business Location(s) (es) on separate sheet.

- Option 5:** Vendor is not a Local Business, a Locally Based Business, or a Locally Based Subsidiary, as each term is defined by Section 1-74, Broward County Code of Ordinances.

**Required Supporting Documentation** (in addition to this form): Option 1 or 2 (**Local Business or Locally Based Business**):

1. Broward County local business tax receipt.

**Option 3 (Locally Based Subsidiary)**

1. Broward County local business tax receipt.
2. Documentation identifying the Vendor's vertical corporate organization and names of parent entities if the Vendor is a Locally Based Subsidiary.

**Option 4 (joint venture** composed of one or more Local Business(es), Locally Based Business(es), or Locally Based Subsidiary(ies):

1. Broward County local business tax receipt(s) for each Local Business(es), Locally Based Business(es), and/or Locally Based Subsidiary(ies).
2. Executed joint venture agreement, if the Vendor is a joint venture.
3. If joint venture is comprised of one or more Locally Based Subsidiary(ies), submit documentation identifying the vertical corporate organization and parent entities name(s) of each Locally Based Subsidiary.

If requested by County (any option):

1. Written proof of the Vendor's ownership or right to use the real property at the Local Business Location.
2. Additional documentation relating to the parent entities of the Vendor.
3. Additional documentation demonstrating the applicable percentage of equity interests in the joint venture, if not shown in the joint venture agreement.
4. Any other documentation requested by County regarding the location from which the activities of the Vendor are directed, controlled, and coordinated.

By submitting this form, the Vendor certifies that if awarded a contract, it is the intent of the Vendor to remain at the Local Business Location address listed below (or another qualifying Local Business Location within Broward County) for the duration of the contract term, including any renewals or extensions. (If nonlocal Vendor, leave Local Business Location blank.)

**Indicate Local Business Location:**

**True and Correct Attestations:**

Any misleading, inaccurate, or false information or documentation submitted by any party affiliated with this procurement may lead to suspension and/or debarment from doing business with Broward County as authorized by the Broward County Procurement Code. The Vendor understands that, if after contract award, the County learns that any of the information provided by the Vendor on this was false, and the County determines, upon investigation, that the Vendor's provision of such false information was willful or intentional, the County may exercise any contractual right to terminate the contract. The provision of false or fraudulent information or documentation by a Vendor may subject the Vendor to civil and criminal penalties.

AUTHORIZED SIGNATURE/NAME:

TITLE:

VENDOR NAME:

DATE:

Revised May 1, 2021

**SUBCONTRACTORS/SUBCONSULTANTS/SUPPLIERS REQUIREMENT**  
**Request for Proposals, Request for Qualifications, or Request for Letters of Interest**

The following forms and supporting information (if applicable) should be returned with Vendor's submittal. If not provided with submittal, the Vendor must submit within three business days of County's request. Failure to timely submit may affect Vendor's evaluation.

- A. The Vendor shall submit a listing of all subcontractors, subconsultants and major material suppliers (firms), if any, and the portion of the contract they will perform. A major material supplier is considered any firm that provides construction material for construction contracts, or commodities for service contracts in excess of \$50,000, to the Vendor.
- B. If participation goals apply to the contract, only non-certified firms shall be identified on the form. A non-certified firm is a firm that is not listed as a firm for attainment of participation goals (ex. County Business Enterprise or Disadvantaged Business Enterprise), if applicable to the solicitation.
- C. This list shall be kept up-to-date for the duration of the contract. If subcontractors, subconsultants or suppliers are stated, this does not relieve the Vendor from the prime responsibility of full and complete satisfactory performance under any awarded contract.
- D. After completion of the contract/final payment, the Vendor shall certify the final list of non-certified subcontractors, subconsultants, and suppliers that performed or provided services to the County for the referenced contract.
- E. The Vendor has confirmed that none of the recommended subcontractors, subconsultants, or suppliers' principal(s), officer(s), affiliate(s) or any other related companies have been debarred from doing business with Broward County or any other governmental agency.

If none, check the box below on this form. Use additional copies of this form(s) in Periscope S2G, if needed.

None -

1. Subcontracted Firm's Name:   
Subcontracted Firm's Address:   
Subcontracted Firm's Telephone Number:   
Contact Person's Name and Position:   
Contact Person's E-Mail Address:   
Estimated Subcontract/Supplies Contract Amount:   
  
Type of Work/Supplies Provided:

2. Subcontracted Firm's Name:   
Subcontracted Firm's Address:   
Subcontracted Firm's Telephone Number:   
Contact Person's Name and Position:   
Contact Person's E-Mail Address:   
Estimated Subcontract/Supplies Contract Amount:   
  
Type of Work/Supplies Provided:

3. Subcontracted Firm's Name:   
Subcontracted Firm's Address:   
Subcontracted Firm's Telephone Number:   
Contact Person's Name and Position:   
Contact Person's E-Mail Address:   
Estimated Subcontract/Supplies Contract Amount:   
  
Type of Work/Supplies Provided:

4. Subcontracted Firm's Name:   
Subcontracted Firm's Address:   
Subcontracted Firm's Telephone Number:   
Contact Person's Name and Position:   
Contact Person's E-Mail Address:   
Estimated Subcontract/Supplies Contract Amount:   
  
Type of Work/Supplies Provided:

**I certify that the information submitted in this report is in fact true and correct to the best of my knowledge.**

**Authorized Signature/Name**

**Title**

**Vendor Name**

**Date**

Revised 11/24/2021

MINIMUM INSURANCE REQUIREMENTS

Project: **Design and Construction to Increase Vertical Clearance of Sheridan Street Bridge Over Florida Turnpike**  
Agency: **Highway and Bridge Maintenance Division**

TYPE OF INSURANCE	ADDL INSD	SUBR WVD	MINIMUM LIABILITY LIMITS		
				Each Occurrence	Aggregate
<b>GENERAL LIABILITY - Broad form</b> <input checked="" type="checkbox"/> Commercial General Liability <input checked="" type="checkbox"/> Premises-Operations <input checked="" type="checkbox"/> XCU Explosion/Collapse/Underground <input checked="" type="checkbox"/> Products/Completed Operations Hazard <input checked="" type="checkbox"/> Contractual Insurance <input checked="" type="checkbox"/> Broad Form Property Damage <input checked="" type="checkbox"/> Independent Contractors <input checked="" type="checkbox"/> Personal Injury <b>Per Occurrence or Claims-Made:</b> <input checked="" type="checkbox"/> Per Occurrence <input type="checkbox"/> Claims-Made <b>Gen'l Aggregate Limit Applies per:</b> <input type="checkbox"/> Project <input type="checkbox"/> Policy <input type="checkbox"/> Loc. <input type="checkbox"/> Other _____	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Bodily Injury		
			Property Damage		
			Combined Bodily Injury and Property Damage	<b>\$2,000,000</b>	<b>\$4,000,000</b>
			Personal Injury		
			Products & Completed Operations		
<b>AUTO LIABILITY</b> <input checked="" type="checkbox"/> Comprehensive Form <input checked="" type="checkbox"/> Owned <input checked="" type="checkbox"/> Hired <input checked="" type="checkbox"/> Non-owned <input checked="" type="checkbox"/> Any Auto, If applicable <i>Note: May be waived if no driving will be done in performance of services/project.</i>			Bodily Injury (each person)		
			Bodily Injury (each accident)		
			Property Damage		
			Combined Bodily Injury and Property Damage	<b>\$1,000,000</b>	
<input checked="" type="checkbox"/> <b>EXCESS LIABILITY / UMBRELLA</b> <b>Per Occurrence or Claims-Made:</b> <input checked="" type="checkbox"/> Per Occurrence <input type="checkbox"/> Claims-Made <i>Note: May be used to supplement minimum liability coverage requirements.</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<b>\$5,000,000</b>	
<input checked="" type="checkbox"/> <b>WORKER'S COMPENSATION</b> <i>Note: U.S. Longshoremen &amp; Harbor Workers' Act &amp; Jones Act is required for any activities on or about navigable water.</i>	N/A	<input checked="" type="checkbox"/>	Each Accident	<b>STATUTORY LIMITS</b>	
<input checked="" type="checkbox"/> <b>EMPLOYER'S LIABILITY</b>			Each Accident	<b>\$1,000,000</b>	
<input checked="" type="checkbox"/> <b>PROFESSIONAL LIABILITY (ERRORS &amp; OMISSIONS)</b> All engineering, surveying, and design professionals.	N/A		Each Claim:	<b>\$2,000,000</b>	<b>\$4,000,000</b>
			*Maximum Deductible:	\$100,000	
<input checked="" type="checkbox"/> <b>POLLUTION/ENVIRONMENTAL LIABILITY</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Each Claim:	<b>\$1,000,000</b>	<b>\$2,000,000</b>
			*Maximum Deductible:	\$10,000	
<input checked="" type="checkbox"/> <b>INSTALLATION FLOATER</b> Note: Coverage must be "All Risk", Completed Value. Broward County must be listed as a Loss Payee.			*Maximum Deductible:	\$10,000	<b>Completed Value</b>
			CONTRACTOR IS RESPONSIBLE FOR DEDUCTIBLES.		
Description of Operations: "Broward County" shall be listed as Certificate Holder and endorsed as an additional insured for liability, except as to Professional Liability. County shall be provided 30 days written notice of cancellation, 10 days' notice of cancellation for non-payment. Contractors insurance shall provide primary coverage and shall not require contribution from the County, self-insurance or otherwise. Any self-insured retention (SIR) higher than the amount permitted in this Agreement must be declared to and approved by County and may require proof of financial ability to meet losses. Contractor is responsible for all coverage deductibles unless otherwise specified in the agreement. For Claims-Made policies insurance must be maintained and evidence of insurance must be provided for at least five (5) years after completion of the contract of work.					

**CERTIFICATE HOLDER:**  
  
 Broward County  
 115 South Andrews Avenue  
 Fort Lauderdale, Florida 33301

Risk Management Division

## Summary of Vendor Rights Regarding Broward County Competitive Solicitations

The purpose of this document is to provide vendors with a summary of their rights to object to or protest a proposed award or recommended ranking of vendors in connection with Broward County competitive solicitations. These rights are fully set forth in the Broward County Procurement Code, available here: <https://www.broward.org/purchasing>.

### 1. Right to Object

For Requests for Proposals (RFP), Requests for Qualifications (RFQ) or Requests for Letters of Interest (RLI), vendors may object in writing to a proposed recommendation of ranking made by an Evaluation Committee. Objections must be filed within three (3) business days after the proposed recommendation of ranking (if applicable) is posted on the Purchasing Division's website. The written objection must comply with the requirements stated in Section 21.42(h) of the Procurement Code. Failure to timely and fully meet any requirement will result in the loss of a right to object.

### 2. Right to Protest

For Invitations to Bid (ITBs), RFP, RFQ, and RLIs, vendors may protest the specifications or requirements of a solicitation (or of any addenda). Protests must be received in writing by the Director of Purchasing within five (5) business days after the applicable solicitation (or addenda) is posted on the Purchasing Division's website.

For ITBs, vendors may protest a recommendation for award made by the Broward County Purchasing Division. For RFPs, RFQs, and RLIs, vendors may protest a final recommendation of ranking made by an Evaluation Committee. In all cases, protests must be filed in writing within five (5) business days after a recommended ranking or recommendation for award is posted on the Purchasing Division's website.

Any protest must comply with requirements stated in Part X of the Procurement Code, including a filing fee (if applicable). Failure to timely and fully meet any requirement will result in a loss of protest rights.

Vendors may appeal the denial of a protest. Section 21.81 of the Procurement Code identifies all other matters that may be appealed. Appeals may require payment of an appeal bond. Appeals must comply with requirements stated in Part XII of the Procurement Code. Failure to timely and fully meet any requirement will result in a loss of appeal rights.

### Cone of Silence:

The Board of County Commissioners recently updated provisions of the Cone of Silence Ordinance, Section 1-266, of the Broward County Code of Ordinances, effective as of April 1, 2022.

The County's Cone of Silence Ordinance prohibits all communications, oral or written, relating to a competitive solicitation among vendors/vendor representatives, County Staff, and Commissioner Offices while the cone is in effect. Communications with Purchasing Division employees, the solicitation's designated Project Manager(s) or designee(s), the Office of Economic and Small Business (OESBD) Small Business Development Specialist Supervisor (954-357-6400), and others as specifically identified in the Cone of Silence Ordinance are permitted. Additionally, communication is permitted at pre-bid conferences and negotiation meetings, as applicable.

The Cone of Silence begins upon the advertisement of an ITB, RFP, RFQ, or RLI. The Cone of Silence terminates when the solicitation is awarded, all responses are rejected, or the Board takes other action which ends the solicitation.

Any violations of the Code of Silence Ordinance by any vendor/vendor representative, may be reported to the County's Professional Standards/Human Rights Section. If the County's Professional Standards/Human Rights Section determines that a violation has occurred, a fine shall be imposed as provided in the Broward County Code of Ordinances. At the sole discretion of the Broward County Board of County Commissioners, a violation may void an award of the applicable competitive solicitation.

Review the Cone of Silence Ordinance, Section 1-266 of the Broward County Code of Ordinances, for more detailed information.

Updated: April 1, 2022

**BROWARD COUNTY**

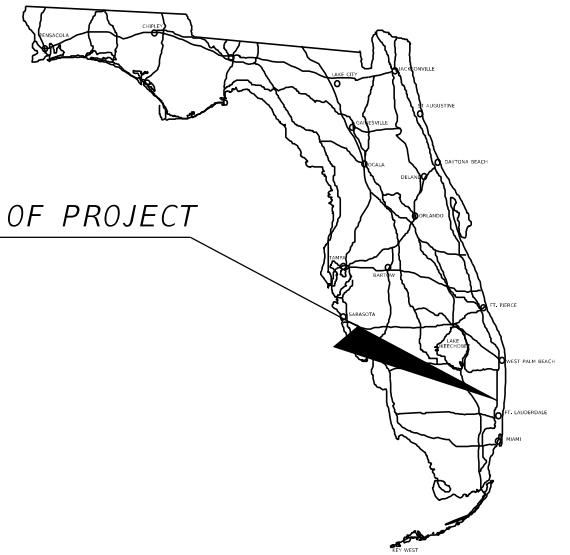
**DEPARTMENT OF PUBLIC WORKS**

**TYPICAL SECTION PACKAGE**

SHERIDAN STREET OVER FLORIDA'S TURNPIKE FROM  
EAST OF N 64TH AVE TO WEST OF N 61ST AVE  
(BRIDGE NO. 860155)

HIGHWAY AND BRIDGE MAINTENANCE DIVISION PROJECT NO. 2022-1-210

LOCATION OF PROJECT



APPROVED BY:

THIS DOCUMENT HAS BEEN DIGITALLY  
SIGNED AND SEALED BY:

PROJECT LOCATION URL: <a href="https://tinyurl.com/2bdmmu9z">https://tinyurl.com/2bdmmu9z</a>	
PROJECT LIMITS:	N/A
EXCEPTIONS:	NONE
BRIDGE LIMITS:	BR #860155
RAILROAD CROSSING:	NONE

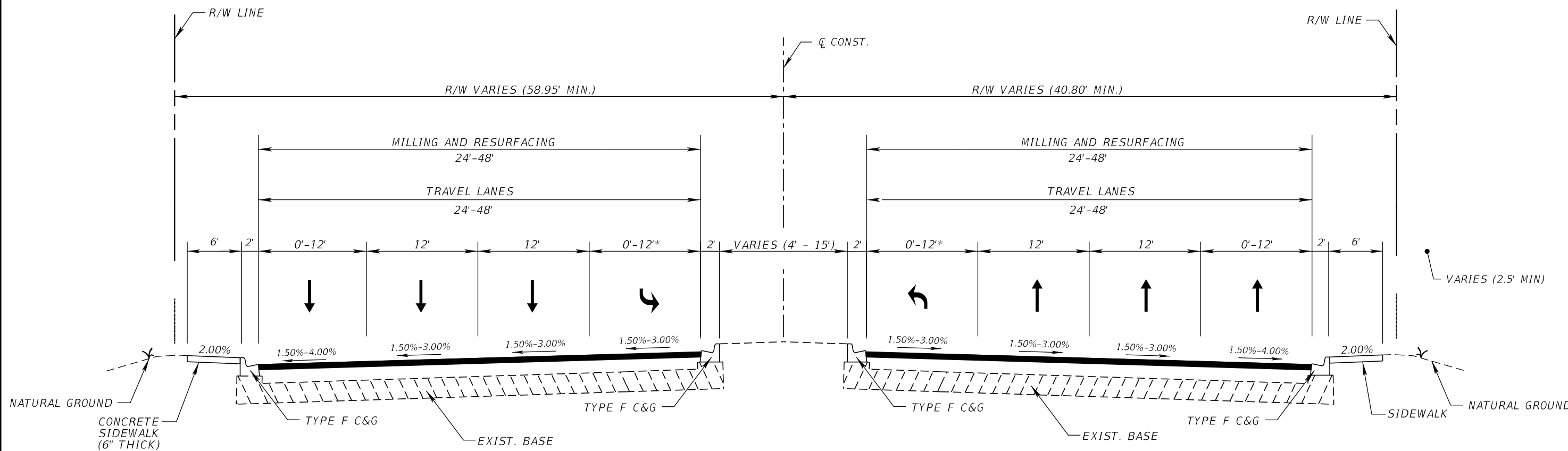
ON THE DATE ADJACENT TO THE SEAL  
PRINTED COPIES OF THIS DOCUMENT ARE  
NOT CONSIDERED SIGNED AND SEALED  
AND THE SIGNATURE MUST BE VERIFIED  
ON ANY ELECTRONIC COPIES.

HDR ENGINEERING INC.  
3250 W COMMERCIAL BLVD., SUITE 100  
FORT LAUDERDALE, FL 33309  
CERTIFICATE OF AUTHORIZATION 4213

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE  
FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

INDEX OF SHEETS

SHEET NO.	SHEET DESCRIPTION
1	COVER SHEET
2	TYPICAL SECTION NO. 1 ROADWAY TYPICAL SECTION
3	TYPICAL SECTION NO. 2 ROADWAY TYPICAL SECTION
4	TYPICAL SECTION NO. 3 BRIDGE TYPICAL SECTION



**ROADWAY TYPICAL SECTION  
SHERIDAN STREET  
STA. 101+20.77 TO STA. 102+97.48  
STA. 117+10.14 TO STA. 118+36.96  
(NOT TO SCALE)**

**NOTE:**  
EB LEFT TURN LANE FROM STA. 117+00.00 TO STA. 118+26.00  
WB LEFT TURN LANE FROM STA. 101+20.77 TO STA. 102+87.00

**PAVEMENT DESIGN  
MILLING & RESURFACING**  
MILL EXIST. ASPHALT PAVEMENT (1" AVG. DEPTH)  
AND RESURFACE WITH  
FRICTION COURSE FC-9.5 (TRAFFIC C) (1") (PG 76-22)

REVISIONS	
DATE	DESCRIPTION

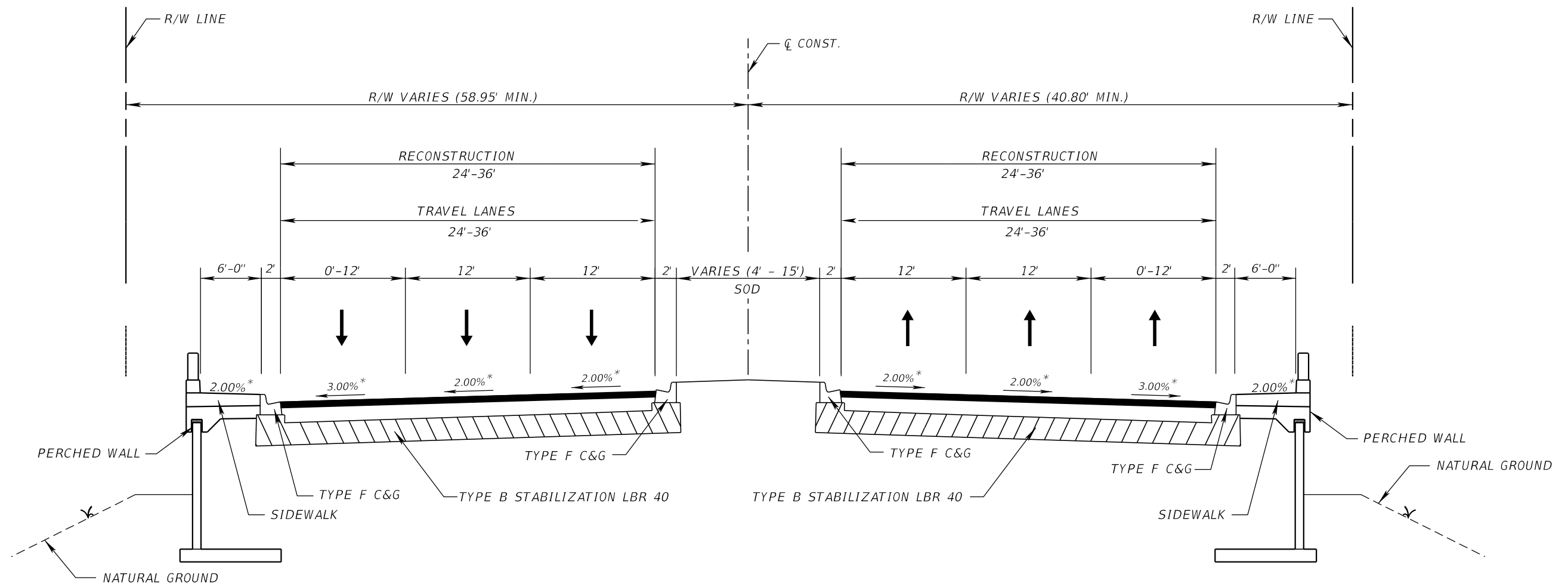
HDR ENGINEERING, INC.  
3250 W. COMMERCIAL BLVD., SUITE 100  
FORT LAUDERDALE, FL 33309  
CERTIFICATE OF AUTHORIZATION 4213



PUBLIC WORKS DEPARTMENT HIGHWAY CONSTRUCTION AND ENGINEERING DIVISION		
CITY	ROAD	COUNTY ROAD NO.
HOLLYWOOD	SHERIDAN STREET	822

<b>ROADWAY TYPICAL SECTIONS</b>
2

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



**ROADWAY TYPICAL SECTION  
SHERIDAN STREET  
STA. 102+97.48 TO STA. 109+22.27  
STA. 111+17.27 TO STA. 117+10.14  
(NOT TO SCALE)**

\* ALL CROSS SLOPES TO MATCH BRIDGE CONCRETE DECK  
AT BRIDGE BEGINNING AND ENDING

<b>PAVEMENT DESIGN RECONSTRUCTION</b>  TYPE B STABILIZATION (LBR 40) (12") OPTIONAL BASE GROUP 9 WITH TYPE SP STRUCTURAL COURSE (TRAFFIC C) (2") AND FRICTION COURSE FC-9.5 (TRAFFIC C) (1") (PG 76-22)
--

REVISIONS	
DATE	DESCRIPTION

HDR ENGINEERING, INC.  
3250 W. COMMERCIAL BLVD., SUITE 100  
FORT LAUDERDALE, FL 33309  
CERTIFICATE OF AUTHORIZATION 4213

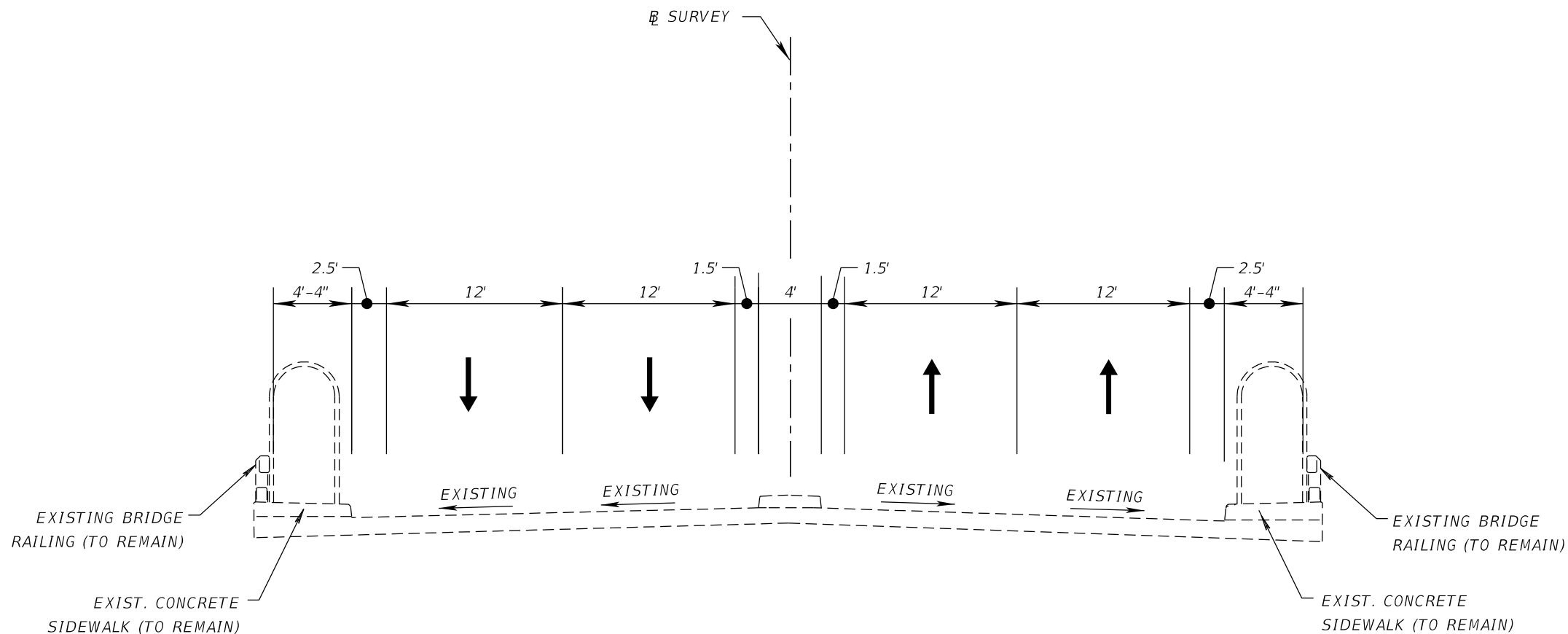


**PUBLIC WORKS DEPARTMENT  
HIGHWAY CONSTRUCTION AND ENGINEERING DIVISION**

CITY	ROAD	COUNTY ROAD NO.
HOLLYWOOD	SHERIDAN STREET	822

**ROADWAY TYPICAL SECTIONS**

SHEET  
NO.  
**3**



**BRIDGE TYPICAL SECTION**  
**SHERIDAN STREET OVER FLORIDA'S TURNPIKE BRIDGE**  
**BRIDGE NO. 860155**  
**STA. 109+22.27 TO STA. 111+17.27**  
**(NOT TO SCALE)**

PAVEMENT DESIGN  
 OVERLAY APPROCH SLAB  
 TYPE SP STRUCTURAL COURSE (TRAFFIC C) 0.75"  
 AND FRICTION COURSE FC-9.5 (TRAFFIC C) (1") (PG 76-22)

BRIDGE NO. 860155

REVISIONS	
DATE	DESCRIPTION

HDR ENGINEERING, INC.  
 3250 W. COMMERCIAL BLVD., SUITE 100  
 FORT LAUDERDALE, FL 33309  
 CERTIFICATE OF AUTHORIZATION 4213



**PUBLIC WORKS DEPARTMENT**  
**HIGHWAY CONSTRUCTION AND ENGINEERING DIVISION**

CITY	ROAD	COUNTY ROAD NO.
HOLLYWOOD	SHERIDAN STREET	822

**ROADWAY TYPICAL SECTIONS**

SHEET  
NO.  
4

## ENGINEERING AND CONSTRUCTION SPECIFICATIONS

1. No work can be done in FGT's easement property unless FGT has reviewed and approved the plans and an agreement in writing has been entered into between FGT and Owner. Any encroachment consented to by FGT shall not interfere with the operation, maintenance, and access of FGT's pipeline facilities, including but not limited to, close interval surveys; leak detection surveys; pipeline patrol, pipeline marking and similar activities.
2. Owner shall provide a minimum of forty-eight (48) hours' notice to FGT prior to any installation, construction, excavation, or demolition work on the easement area. To ensure further safety, Owner must call appropriate ONE CALL for a locate by calling 811. An FGT representative must be present when any work is done on the easement area. The onsite FGT representative will have the authority to shutdown work by the Owner if the Owner's activities are judged to be unsafe by the FGT representative. The FGT representative will be invited to participate in Owner's safety meetings. This provision applies each time FGT's pipeline facilities are crossed.
3. Existing ground elevation is to be maintained.
4. For vehicles and/or construction equipment requesting approval to cross FGT's facilities, each crossing location will be reviewed on a case-by-case, site-specific basis and will require the surveyed elevation of the pipeline and/or facility verified by an FGT field representative to be performed by the party requesting the crossing encroachment and submitted to FGT. The execution of a wheel load calculation must be completed and approved by FGT prior to crossing FGT's facilities for every vehicle and/or construction equipment requesting to cross. FGT may require matting or other suitable material be installed to achieve the necessary support for such crossing. This too will be site specific and case-by-case only.
5. Where consent for roadway crossings has been granted, a minimum of forty-eight inches (48") of cover, including thirty-six (36") of undisturbed or compacted soil, shall be maintained within the easement area. All roads must cross the easement at a ninety degree (90°) angle.
6. Upon completion of paragraph 1, sidewalks, trails and bike paths may cross FGT's pipelines at a ninety degree (90°) angle provided the width does not exceed forty-eight inches (48").
7. When crossing an FGT pipeline (via drill or open lay) Owner must visually verify the elevation of the pipeline both vertically and horizontally, by an FGT approved method such as vacuum excavation with an FGT field representative on-site at all times during this operation. When using directional drill method, a minimum vertical clearance of ten feet (10') from the pipeline is required across the entire easement.
8. Where the encroachment includes utilities, all such utilities crossing the easement area must have a minimum separation of twenty-four inches (24") between the utility and the FGT pipeline(s) at the point of crossing and must cross at a ninety degree (90°) angle. No utilities shall be constructed between the surface of the easement area and the top of the subsurface pipeline facilities unless agreed to in writing by FGT. No parallel utilities, structures, and/or appurtenances are permitted within the easement area. All proposed aerial crossings will be reviewed on a case-by-case basis.

9. Where consent for fiber optic, telephone and/or cable television lines has been granted, lines must be placed in a rigid non-metallic conduit across the entire easement width with bags of concrete-mix placed directly above and below the conduit across the confines of the easement. Orange warning burial tape must be placed a minimum of 18" directly above the cable across the width of the easement. Crossings must be clearly and permanently marked on each side of the easement with permanent identification.

10. Where consent for utility lines has been granted, electric lines must be encased in pvc or steel throughout the entire easement area. Cables energized to 600 volts or more must cross a minimum of three feet (3') below the subsurface pipeline facilities, and also be encased in concrete, color coded red, across the entire easement width, and have external, spiral wound, neutrals grounded on each side of the easement. The cable crossing should be clearly and permanently marked on each side of the easement where permissible.

11. Where consent for fencing has been granted, the Owner must install and maintain a vehicle access gate at least twelve feet (12') in width at each point in the fence line(s) crossing the easement area. Posthole excavations for fencing placed on the easement area shall not be greater than eighteen inches (18") below the ground surface elevation. No fence posts shall be placed over the pipeline facilities or closer than six feet (6') on either side of the pipeline facilities. Any exceptions will be determined by FGT management. Any such fence shall be constructed and maintained by Owner in such a manner that does not prevent FGT personnel from viewing the easement area from the ground level through the fence(s) (i.e. no solid fences allowed). No fencing parallel to the FGT pipeline facilities will be allowed within the easement area. FGT's access to its pipeline facilities shall be maintained by Owner. If the gate is locked with Owner's lock, Owner shall provide FGT with keys or allow a FGT lock to enable access.

12. No retention ponds, ditches or swales shall be allowed within the easement area.

13. No roto-mixing or vibrating machinery is allowed within the easement area.

14. When conducting pile driving operations, Owner shall adhere to a minimum separation of twenty-five feet (25') from the outside edge of the FGT pipeline.

15. Excavations that expose the FGT pipeline must follow OSHA standards. Time will be allowed for a FGT representative to inspect and make coating repairs as the subsurface pipeline facilities are exposed.

16. Twelve inches (12") of backfill around the subsurface pipeline facilities shall be sand or clean fill; free of rocks and debris.

17. With prior approval, no more than twenty feet (20') of pipe shall be exposed at any given time; if more than twenty feet (20') of pipe is to be exposed, all Standard Operating Procedures (SOP) must be adhered to, pressure reductions must be scheduled at least one (1) year in advance and engineering stress calculations must be performed by FGT Engineering and approved by FGT management prior to allowing any more than the twenty feet (20') of exposed pipe.

18. With prior approval and an FGT representative on site at all times, excavation equipment equipped with toothless buckets may be allowed to dig or excavate within three (3) feet of the pipeline facilities. All other construction/excavation equipment will not be allowed to perform any excavation within three feet (3') of the pipeline facilities. All mechanical excavation

Florida Gas Transmission (FGT)  
Rev. 7/27/15

performed within three feet (3') of the pipeline will be performed parallel to the pipeline (i.e. track-hoe may not reach over the pipeline to dig on the opposite side of the pipeline).

19. All excavation within twenty-four (24") from the top or thirty-six inches (36") from the side or bottom of the pipeline shall be by manual means. After top exposure, excavation up to twenty four inches (24") from the side or bottom of the exposed pipeline may proceed by mechanical means if the FGT representative is satisfied it may be done safely with the equipment and operator available.

20. Barriers adequate to prevent vehicular damage to any exposed pipeline facilities shall be installed and maintained at all times.

21. All FGT pipeline facilities, cathodic protection equipment, and test lead wires shall be protected from damage by construction activity at all times.

22. No installation, construction, excavation, or demolition work shall be performed within the easement area on weekends or holidays.

23. The Owner shall provide and install temporary construction fence along the easement boundaries for the entire length of the proposed work area to preserve and protect the pipeline(s). The fence must be maintained for the duration of the development or construction activity. Access across FGT's easement will be granted at specific locations for vehicle and equipment traffic once a wheel load calculation has been completed. Additional cover or matting may be required. Any changes to this requirement must be approved in writing by FGT prior to start of work.

24. Where consent for landscaping has been granted, Owner shall not plant shrubs on the easement area which are classified as "deep rooted" or are projected to exceed an eventual growth height of four (4) feet. Shrubs shall be planted so that no part, at its ultimate growth, shall be closer than ten feet (10') to the pipeline facilities. No trees shall be planted on the easement.

25. These Engineering and Construction Specifications may address activities on the easement area for which FGT has not granted consent to Owner to include as part of the encroachment. Notwithstanding anything to the contrary contained in these Engineering and Construction Specifications, FGT's consent is and shall be limited to the encroachment as described and limited by the Encroachment Agreement to which this Exhibit is attached.

## DEFINITIONS

For the purpose of this specification, the following definitions apply:

**Jacking Design Engineer** means the Engineer retained by the Contractor who performs the design of the jacking system and related work.

**Jacking Design Checking Engineer** means the Engineer retained by the Contractor who performs the design check of the jacking design Engineer's work.

**Jacking System** means all components required to perform the lifting and temporary support of the bridge superstructure. This includes but is not limited to; jacks, hydraulic hoses and fluid, valves, sensors, jacking systems, shims, temporary support systems, and all related appurtenances.

**Survey** means precise and detailed measurements and elevations taken, recorded, documented and certified by a Land Surveyor or an Engineer.

## DESIGN AND SUBMISSION REQUIREMENTS

### Design Requirements

#### General

A detailed jacking system shall be designed and provided by a jacking design Engineer and checked by a jacking design checking Engineer. The jacking design Engineer and jacking design checking Engineer shall have knowledge in the design of bridge jacking systems, and proven experience in recent projects of similar complexity. Both Engineers shall be capable of certifying that the provided jacking equipment and jacking methodologies will facilitate the jacking and lowering of the bridge shall be according to the Contract Documents.

Where the replacement of bearings is specified in the Contract Documents, the design shall consider the possible difference in bearings size between the new and the original and ensure that the placement of the temporary supports does not interfere with the proper placing of bearings.

The design shall account for the structural work and condition of the structure at the time of jacking, and the stages that may interfere with temporary supports or jacking locations. It shall consider any deterioration and/or removals prior to and during the duration of the jacking and remedial work. The design of temporary supports shall account for articulation of the superstructure including thermal movements, as well as any potential slip in supports. Jack and support locations shall account for conflicts between structural work and temporary works designed by the contractor.

The amount of pre-loading to be applied to the jacks prior to the start of displacement controlled jacking shall be specified. The pre-loading amount shall be no less than 15% of the specified jacking load and shall be sufficient to account for decompression of bearings, gaps between shims (if used) and any other geometric imperfections in the proposed jacking system.

Temporary supports, including shims and blocking, used to support the jacks shall be designed for no less than 150% of the jacking loads.

### **Jacking Corbels**

The design of temporary jacking corbels anchored into substructure elements shall consider the non-uniform distribution of load between anchors when the system is not pre-tensioned and relies on tension or the combined bearing and shear resistance of the anchors.

### **Temporary Supports**

Temporary Supports shall be designed according to AASHTO loading criteria and the requirements of this specification.

### **Submission Requirements**

#### **Jacking Drawings and Calculations**

One set of the jacking drawings, technical special provisions and calculations and a digital PDF format copy shall be submitted to the County (see RFP for time frames) prior to the commencement of the jacking operations. Submissions shall bear the seals and signatures of the jacking design Engineer and the jacking design checking Engineer.

The jacking drawings and calculations shall include the following:

- a) Jacking methodology and sequence.
- b) Location, number, type, and capacity of the jacks to be used.
- c) Description of the control system, complete with all design, schematics and equipment to be used.
- d) Location and material to be used for temporary blocking and shimming.
- e) Proposed pre-loading to be applied to jacks.
- f) Schematic showing the configuration of all jacks, stop valves, gauges, manifolds and hydraulic pumps.
- g) Calibration certificates for all jacks, gauges, and lifting/lowering controller, issued within 12 months from when the equipment is to be used.
- h) Full details of the temporary support system including forces to be transmitted and method of transferring the loads to the substructure or founding strata, including considerations for thermal expansion and contraction.
- i) Restrictions on traffic and construction traffic.
- j) Using this Attachment as a guide, the Specialty Engineer shall develop a Technical Special Provision (TSP) for Bridge Superstructure Jacking and shall be reviewed by the County and FTE prior to releasing the approved contract plans.

A copy of the signed and sealed jacking drawings shall be kept at the site during jacking setup and operations.

## **Revised Submissions**

When jacking design considerations or field conditions necessitate amendments to the jacking drawings, revised jacking drawings shall be submitted for review and approval.

## **MATERIALS**

### **General**

Temporary supports shall be structural steel or concrete according to FDOT Specifications.

When jacks with locking collars are used as temporary supports, they shall be unmodified and as supplied by the manufacturer.

### **Mechanical and/or Adhesive Anchors**

Mechanical and/or adhesive anchors shall be suitable for dynamic loads and shall be installed according to the manufacturer's recommendations.

### **Grout**

Grout used for the jacking system that will remain as part of the permanent structure shall be cement based, non-shrink, non-staining, and be an approved product on the FDOT Approved Product List.

## **EQUIPMENT**

### **Synchronized Jacking System**

A synchronized jacking system shall consist of either a Programmable Logic Controller (PLC) controlled system or a volumetric controlled system. The system shall be capable of adjusting pressures and hydraulic volumes in order to achieve a uniform lift and/or lowering to a tolerance of less than or equal to 1.5 mm from the leading to lagging cylinders.

### **Programmable Logic Controlled Jacking System**

A PLC controlled system shall include a central unit which continuously monitors the relative and absolute position of each individual jacking point.

### **Volumetric Controlled Jacking System**

A volumetric controlled jacking system shall be fully calibrated and designed to precisely deliver the same volume of hydraulic oil to each individual jack at the same time. The same make and model of jacks shall be used at all locations.

### **Displacement Sensors**

The synchronized jacking system shall display real-time data for each jack location showing vertical displacement and hydraulic pressure for monitoring purposes during the jacking operation. The data shall be automatically recorded at one second intervals during active lifting and lowering operations in a data log file for the entire duration of the jacking/lowering operation(s) and only shall cease after the bridge is firmly on the temporary supports or permanent bearings. The data interval may be increased by 10 seconds when the bridge is resting on the pressurized hydraulic component of the system, and not being actively lifted or lowered.

Digital Displacement sensors or linear transducers shall be installed at all locations where a jack is placed. Multiple jacks may be represented by a single displacement sensor when all of the following conditions are met:

- a) All jack centerlines are within 40 inches of each other.
- b) Each jack in the group is in contact with the same structural element.
- c) The structural element is continuous between all jacks within a group, and not separated by any structural discontinuities or abrupt changes in stiffness (such as a bolted connection).
- d) All jacks within a group receive an equal pressure for programmable logic controlled jacking systems, or the same amount of hydraulic fluid for volumetric controlled jacking systems.

Digital displacement sensors or linear transducers shall be accurate to 0.004 inches to monitor displacements. The displacement sensors can be either integrated into the jacking system or independently monitored such that displacement sensors, stroke sensors or calibrated volumetric control system is capable of achieving the relative lift/lowering tolerances specified in the Contract Documents. For jacks supported on temporary fixtures (such as jacking corbels), independent displacement sensors shall be used, and measurements shall be made relative to a fixed location on the adjacent seat.

## **CONSTRUCTION**

### **Pre-Condition Surveys**

Prior to the start of any work related to the jacking operation, field measurements shall be taken of all components of the existing structure that might impact the installation of the jacking system. The jacking design Engineer and the jacking design checking Engineer shall determine whether any adjustments to the jacking system based on the field measurements. When adjustments to the jacking drawings and calculations are required, the jacking drawings and calculations shall be resubmitted to the County along with a request for approval.

Measurements of the underside of deck or girders at bearing locations prior to jacking the structure shall be made taken relative to an adjacent fixed point on the substructure which will not move during construction. This shall include a minimum of one local fixed marking on the abutment or pier immediately adjacent to each lift point and bearing location. This marking must be located such that it will not be moved or compromised by the Work. Measurements to the underside of each girder and lifting point shall be made relative to the corresponding fixed marking, which shall be recorded accurate to .04 inches.

Measurements shall be submitted to the County prior to jacking.

### **Detailed Survey**

A detailed, geodetic survey of the deck top is required prior to jacking.

### **Structural Steel**

All structural steel fabrication, delivery and erection shall be according to FDOT Specifications

### **Formwork and Falsework**

All formwork and falsework shall be according to FDOT Specifications

### **Installation of Bearings**

When jacking is required for the installation, replacement or adjustment of bearings, the requirements shall be according to FDOT Specifications

## **Jacking**

### **General**

All end components of the bridge deck, such as expansion joints and railing systems, shall be free to move vertically prior to jacking. Bolts securing the handrail posts to the parapet walls, shall be loosened to permit jacking without damaging the handrails.

Upon completion of the fabrication and installation of the components of the temporary works and prior to the jacking, the jacking design Engineer or jacking design checking Engineer shall conduct an inspection to verify that the fabrication and installation of the temporary work has been carried out according to the jacket drawings.

Traffic shall not be permitted on or below the bridge during the jacking operation, unless specified in the Contract Documents.

### **Jacking Points and Loads**

Jacks shall only be placed at the jacking points specified by the Engineer of Record. Jacks with a rated capacity of no less than 150% of the jacking loads specified on the Contract Drawings shall be used.

### **Inspection Prior to the Commencement of the Jacking Operation**

A certificate of Conformance shall be submitted prior to commencing each jacking operation.

### **Jacking Operations**

The County shall be informed in writing at least three Days prior to the commencement of the jacking operations.

The lifting or lowering of each span of the structure shall be carried out in one uniform and synchronized operation using a synchronized jacking system. At no time during the lifting or lowering of the structure, except during pre-loading of the system, shall the elevation difference between any displacement sensor exceed 0.05 inches.

Jacking operations shall be carried out under the direct supervision of the jacking design Engineer or the jacking design checking Engineer. Prior to the commencement of jacking operations, the accuracy of all transducer read-outs, relative to manual measurements shall be demonstrated to the County.

The lift and/or lowering at each jacking point shall be monitored continuously during the jacking operation from a centralized location by remote sensors or calibrated jacking system. The maximum lift for all jacking points shall be as specified in the Contract Documents. The minimum lift shall be 0.1 inch above the bearings once decompressed.

### **Temporary Supports**

The bridge superstructure shall not be supported on pressurized hydraulic jacks for a period longer than permitted on the jacking drawings and shall never exceed 12 hours.

When the required lift for all jacking points has been achieved and the bearings have been released, temporary supports (such as blocking and shimming) shall be placed to support the bridge. Blocking shall accommodate bridge movement. The jacks shall then be lowered in one synchronized operation while maintaining the maximum allowable difference between any two jacking points of 0.1 inch.

The jacking loads shall be transferred to temporary supports prior to bearing removal, bearing seat reconstruction, or other related bearing replacement work.

Temporary supports shall be located at the jacking points or as specified in the Contract Documents.

The superstructure shall not be left on temporary supports for more than 30 Days or as specified in the Contract Documents.

### **Post-Jacking Survey**

Immediately after the structure has been placed on temporary supports and prior to the bearing seats being reconstructed (if applicable), the underside of the superstructure that will be in contact with the new bearings shall be surveyed. The survey shall include the four corners in contact with the bearings and at least one point in the middle of the bearing area. Data from the survey shall be forwarded to the County to determine if adjustments to the design are required. Traffic on the bridge can be restored once approved by the County.

### **Bearing Contact**

The bearings shall have uniform and full contact at top and bottom. The requirements for bearing full contact shall be according to FDOT Specifications. The jacking system shall remain in place until full contact of bearings is achieved.

### **Inspection After Completion of the Jacking Operation**

A Certificate of Conformance shall be submitted to the County upon completion of each jacking operation. All spans shall match adjacent spans to a 0.0625 inch tolerance once both bridges (Eastbound and Westbound) are at their final elevations.



# Sheridan Street Bridge Vertical Clearance Increase over the Florida Turnpike Design Documentation Report

May 10, 2023

Work Authorization: 035

Prepared by HDR





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# 1 Design Criteria

Design Element			Controlling Criteria	Design Exception\ Design Variation	Notes
<b>Highway Functional Classification</b>		Collector-Urban	TDA Functional Classification and Urban Boundary		
<b>Context Classification</b>		C5-Urban Center	2023 FDM Part 1		
<b>Target Speed (mph):</b>		40 mph	2023 FDM Section 201.5.1		
<b>Design Speed (mph):</b>		40 mph			
<b>Lane Width:</b>		12	2023 FDM 210.2.1	N/A	
<b>Shoulder Width: Full (Paved)</b>	Outside	10' (5' paved)	2023 FDM Table 210.4.1	N/A	
Clear Zone - Travel Lanes (RRR)		14' (40 MPH)	2023 FDM Table 215.2.1		
Clear Zone - Travel Lanes (New Construction)		24' (40 MPH)	2018 FDOT Greenbook Table 4-1		
Clear Zone - Auxiliary Lanes (New Construction)		8' (40 MPH)	2018 FDOT Greenbook Table 4-1		
Travel Lanes and Auxiliary Lanes Width		11'	2018 FDOT Greenbook Table 3-20		
Two-way Left Turn Lanes		2% two inside lanes	2018 FDOT Greenbook C.7.b.2		
Maximum Algebraic Difference Between Through Lane		0.04	2018 FDOT Greenbook C.7.b.2		
Median Width		8' (4' paved)	2023 FDM Table 210.4.1	N/A	
<b>Border Width:</b>		12'	2023 FDM Table 210.7.1	N/A	
<b>Horizontal Alignment:</b>					
Max deflections in alignment without a curve:		2°00'00"	2023 FDM Section 210.8.1	N/A	
Desired Horizontal Curve Length		675' (40 MPH)	2023 FDM Table 210.8.1		

<b>Horizontal Curve Minimum Length</b>	400'	2018 FDOT Greenbook Table 3-8		
<b>Minimum Radius of Existing Horizontal Curves</b>	694' (40 MPH)	2018 FDOT Greenbook Table 3-11		
Compound Curves Ratio (Flatter to Sharper)	1.5:1	2018 FDOT Greenbook C.4a		
Max deflections angle through intersection	5°00'00"	2023 FDM Section 212.7	N/A	
Length of Curve - Desirable (Minimum):	600' (400')	2023 FDM Table 210.8.1	N/A	
<b>Min. Radius:</b>				
$e_{max} = 10\%$	432'	2023 FDM Table 210.8.2	N/A	
N.C	5560'	2023 FDM Table 210.9.1	N/A	
<b>Max Superelevation:</b>	10%	2023 FDM 210.9	N/A	
Superelevation Transition Rate:	"1:250"	2023 FDM Table 210.9.3	N/A	
<b>Minimum Full Superelevation Length on Curve</b>	100' minimum	FDM 210.9		N/A
<b>Superelevation Transition Treatment</b>	50% on tangent	FDM Greenbook C.4.e		N/A
<b>Transitions with Cross Slopes &lt;1.5%</b>	Minium profile grade of 0.5%	TDA Functional Classification and Urban Boundary		N/A
<b>Minimum Radius for Normal Crown (<math>e_{max} = 0.05</math>)</b>	1528' (40 MPH)	FDOT Greenbook Table 3-11		N/A
<b>Minimum Radius for Reverse Crown (<math>e_{max} = 0.05</math>)</b>	716' (40 MPH)	FDOT Greenbook Table 3-11		N/A
<b>Superelevation Transition Slope Rates</b>	1:150 (All) Minimum :125	FDOT Greenbook Table 3-11		N/A
<b>Minimum Superelevation Transition Length</b>	75'	FDOT Greenbook Table 3-13		N/A
<b>Vertical Alignment:</b>				
Maximum Grades:	8%	2023 FDM Table 210.10.1	N/A	
Maximum change in grade withouth Vertical Curve:	0.80%	2023 FDM Table 210.10.2,	N/A	
Vertical Alignment Curbed Roadway	250' (VPI minimum distance)	2023 FDM Table 210.10.1.1		
Minimum Grade (Curbed)	0.30%	2023 FDM 210.10.1.1		



Min. Curve Length (Sag and Crest):	K Value Crest:	120'	2023 FDM Table 210.10.4	N/A	
Sag:		120'	2023 FDM Table 210.10.4	N/A	
K Value Sag:	K Value Crest: (RRR Criteria)	70 (44)	2023 FDM Table 210.10.3	N/A	
Sag:		181	2023 FDM Table 210.10.3	N/A	
Minimum Stopping Sight Distance (grades < 2%)   Downgrade		305'	2023 FDM Table 210.11.1	N/A	
Upgrade		305'	2023 FDM Table 210.11.1	N/A	
Vertical roadway alignment through a RR crossing	3" Max nearest rail at a point 30' from rail		2023 Standard Plans 830-T01		Not Applicable
Standard Pavement Cross Slope	2 @ 0.02 outwards + 1 @ 0.03 outward		FDOT Greenbook C.7.b.2		N/A
Roadway Transition Merging Length	180' for 45 MPH Acceleration Taper 210' for 45 MPH Deceleration Taper		2023 FDOT Greenbook Table 3-26		N/A
Roadway Transition Shifting Taper	247.5'		2023 FDOT FDM 210.2.4		N/A
Curbed Roadways	Type F (outside) & Type F (median)		2023 FDOT FDM Table 210.5		N/A
Lane Add Taper Length	50'		FDOT Greenbook Figure 3-21		N/A

## 2 Horizontal Geometry

Beginning chain SHERIDAN\_CL description

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Point P100 N 618,070.0320 E 913,436.5127 Sta 100+00.00

Curve Data

Curve C100

P.I. Station 102+46.99 N 618,071.6277 E 913,683.5009

Delta= 9° 49' 14.65" (LT)

Degree = 1° 59' 34.58"

Tangent = 246.9934

Length = 492.7767

Radius = 2,874.9400

External = 10.5904

Long Chord = 492.1737

Mid. Ord. = 10.5515

P.C. Station 100+00.00 N 618,070.0320 E 913,436.5127

P.T. Station 104+92.78 N 618,115.3279 E 913,926.5977

C.C. N 620,944.9120 E 913,417.9386

Back = N 89° 37' 47.38" E

Ahead= N 79° 48' 32.73" E

Chord Bear = N 84° 43' 10.05" E



Curve Data

Curve C101

P.I. Station 106+76.65 N 618,147.8612 E 914,107.5750

Delta = 7° 17' 37.45" (RT)

Degree = 1° 59' 09.56"

Tangent= 183.8782

Length = 367.2597

Radius = 2,885.0000

External = 5.8539

Long Chord = 367.0118

Mid. Ord. = 5.8420

P.C. Station 104+92.78 N 618,115.3279 E 913,926.5977

P.T. Station 108+60.04 N 618,157.1551 E 914,291.2182

C.C. N 615,275.8426 E 914,437.0366

Back = N 79° 48' 32.73" E

Ahead= N 87° 06' 10.18" E

Chord Bear = N 83° 27' 21.46" E

Course from PT C101 to P103 N 87° 06' 10.18" E Dist 222.9910

Point P103 N 618,168.4259 E 914,513.9242 Sta 110+83.03

Curve Data

Curve C102

P.I. Station 112+10.52 N 618,174.8697 E 914,641.2504

Delta = 1° 27' 39.02" (RT)

Degree = 0° 34' 22.65"

Tangent = 127.4891

Length = 254.9644

Radius = 10,000.0000

External = 0.8126

Long Chord = 254.9575

Mid. Ord. = 0.8126

P.C. Station 110+83.03 N 618,168.4259 E 914,513.9242

P.T. Station 113+37.99 N 618,178.0653 E 914,768.6994

C.C. N 608,181.2074 E 915,019.3605

Back = N 87° 06' 10.18" E

Ahead = N 88° 33' 49.20" E

Chord Bear = N 87° 49' 59.69" E

Curve Data

Curve C103

P.I. Station 114+71.04 N 618,181.4003 E 914,901.7058

Delta = 1° 46' 21.62" (LT)

Degree = 0° 39' 58.43"

Tangent = 133.0482

Length = 266.0752

Radius = 8,600.0000

External = 1.0291

Long Chord = 266.0645

Mid. Ord. = 1.0290

P.C. Station 113+37.99 N 618,178.0653 E 914,768.6994

P.T. Station 116+04.07 N 618,188.8481 E 915,034.5454

C.C. N 626,775.3632 E 914,553.1309

Back = N 88° 33' 49.20" E  
Ahead = N 86° 47' 27.58" E  
Chord Bear = N 87° 40' 38.39" E

Curve Data

Curve C104

P.I. Station 118+06.13 N 618,200.1593 E 915,236.2908

Delta = 8° 15' 18.72" (RT)

Degree = 2° 02' 46.60"

Tangent = 202.0623

Length = 403.4252

Radius = 2,800.0000

External = 7.2815

Long Chord = 403.0763

Mid. Ord. = 7.2626

P.C. Station 116+04.07 N 618,188.8481 E 915,034.5454

P.T. Station 120+07.49 N 618,182.3861 E 915,437.5699

C.C. N 615,393.2386 E 915,191.2850

Back = N 86° 47' 27.58" E

Ahead = S 84° 57' 13.70" E

Chord Bear = S 89° 04' 53.06" E

Course from PT C104 to P107 S 84° 57' 13.70" E Dist 281.1953

Point P107 N 618,157.6525 E 915,717.6753 Sta 122+88.69

Curve Data

Curve C105

P.I. Station 123+94.39 N 618,148.3547 E 915,822.9719

Delta = 5° 02' 46.30" (LT)

Degree = 2° 23' 18.38"

Tangent = 105.7063

Length = 211.2759

Radius = 2,398.8800

External = 2.3278

Long Chord = 211.2076

Mid. Ord. = 2.3256

P.C. Station 122+88.69 N 618,157.6525 E 915,717.6753

P.T. Station 124+99.96 N 618,148.3547 E 915,928.6782

C.C. N 620,547.2347 E 915,928.6782

Back= S 84° 57' 13.70" E

Ahead= Due East

Chord Bear = S 87° 28' 36.85" E

Course from PT C105 to P109 Due East Dist 184.3424

Point P109 N 618,148.3547 E 916,113.0206 Sta 126+84.31

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Ending chain SHERIDAN\_CL description



### 3 Vertical Geometry

Beginning profile SHERIDAN\_PR2 description:

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STATION	ELEV	GRADE	TOTAL L	BACK L	AHEAD L
VPI 1	101+20.77	5.5664			
VPC	102+58.48	5.9795	0.3000	K = 79.0	
VPI 2	104+83.63	6.6550	450.3000	225.1500	225.1500
VPT	107+08.78	20.1640	6.0000		
VPC	107+18.55	20.7500	6.0000	K = 50.0 SSD = 328.5	
High Point	110+18.55	29.7500			
VPI 3	110+18.55	38.7500	600.0000	300.0000	300.0000
VPT	113+18.55	20.7500	-6.0000		
VPC	113+22.77	20.4971	-6.0000	K = 79.0	
VPI 4	115+71.62	5.5661	497.7000	248.8500	248.8500
Low Point	117+96.77	6.2771			
VPT	118+20.47	6.3126	0.3000		
VPI 5	118+20.47	6.3126	0.3000		

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Ending profile SHERIDAN\_PR2 description

## Question and Answers for Bid #PNC2126443P1 - Design-Build: Sheridan St. Bridge over FL Turnpike (Step Two)

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### Question 5

When the RFP references VENDOR, does this apply to the shortlisted Prime or J/V team or all subconsultants/subcontractors involved? (Submitted: Apr 1, 2024 9:14:28 AM EDT)

### Answer

- Vendor means the shortlisted Prime firm as defined as Design/Build Firm. (Answered: Apr 2, 2024 4:17:53 PM EDT)

### Question 6

How do we upload any changed forms that are not listed on Periscope? (Submitted: Apr 1, 2024 9:14:54 AM EDT)

### Answer

- Any revisions or changes, or new information, shall be submitted in writing by the Design Build Firms, identifying previously submitted information and the change or new information. If a form that was previously submitted in Step One submittal needs revisions, use form from that submittal (and can strikethrough or bold underline for changes/additions). (Answered: Apr 2, 2024 4:17:53 PM EDT)

### Question 7

For the Vendor Qualification Form, do we just include a copy of the previously submitted form? (Submitted: Apr 1, 2024 9:15:07 AM EDT)

### Answer

- If referring to the FDOT Prequalification Form submitted during Step-One RFQ Solicitation, no, this Form does not need to be-resubmitted. If this does not answer question, please clarify question, including section reference. (Answered: Apr 2, 2024 4:17:53 PM EDT)

### Question 8

In reference to the requirement "summary schedule", does the County want teams to submit only a narrative only or a Gantt Chart as well? (Submitted: Apr 1, 2024 9:15:25 AM EDT)

### Answer

- Both formats are acceptable if the submitted schedule meet the requirements listed in the solicitation. (Answered: Apr 5, 2024 10:57:36 AM EDT)

### Question 9

Are specific design drawings required to be submitted under the RFP phase? (Submitted: Apr 1, 2024 9:15:37 AM EDT)

### Answer

- No, specific drawings are not requested. (Answered: Apr 9, 2024 8:43:06 AM EDT)

### Question 10

In response to your clarification request on the specific CAD files, we need them in either MicroStation or AutoCAD, they are:

- Roadway Plans
- Signing and Pavement Marking Plans
- Utilities Plans
- Drainage Plans
- Structural Plans
- Lighting Plans

- Turnpike Plans under the bridge
- As-built Plans
- Environmental Plans
- Roadway Core borings
- Signalization Plans for adjacent traffic lights
- Survey
- Utility lines
- Proposed design files (roadway geometry, profile, drainage, bridge details, etc.)
- Bridge as-built plans (**Submitted: Apr 3, 2024 2:33:26 PM EDT**)

#### **Answer**

- CAD files have been provided to the three proposing firms via email with link to OneDrive. (**Answered: Apr 11, 2024 11:54:22 AM EDT**)

#### **Question 11**

Please answer the following questions:

Question 1: Are we allowed to jack up the bridge over the Florida Turnpike while traffic is flowing underneath the bridge?

Question 2: Would we be allowed to fully close the Florida Turnpike for the jacking of the bridge over the Turnpike?

Question 3: If closure of the Florida Turnpike is possible, what is the process to fully close the Florida Turnpike?

Question 4: Is traffic analysis necessary for Turnpike Lane closure?

Question 5: Does the design builder need to compensate the Florida Turnpike for loss of toll revenue during closures?

Question 6: There is an 18" Florida Gas Transmission line running north to south on the east side of the Florida Turnpike. Please confirm whether this project has been coordinated with Florida Gas Transmission, or if the Design Builder needs to undertake this coordination. Additionally, advise what actions the Design Builder should take in the event that Florida Gas Transmission does not permit staging or construction operations over the line.

Question 7: Has geotechnical exploration been performed to identify if muck is present or the extent of which exists under Sheridan Road within the project limits? (**Submitted: Apr 11, 2024 9:24:42 AM EDT**)

#### **Answer**

- 1.No, Refer to Design Criteria Package, dated 1/9/2024, Section III - Design and Construction Criteria, M. Transportation Management Plan, Florida's Turnpike/SR-91 for permitted FTE closure periods.

2.Yes. Refer to Design Criteria Package, dated 1/9/2024, Section III - Design and Construction Criteria, M. Transportation Management Plan, Florida's Turnpike/SR-91.

3. MOT plans will require approval by the Florida Turnpike prior to implementation. If lane closures are required during construction or maintenance, the contractor must comply with the provisions outlined in the Florida's Turnpike Enterprise (FTE) Lane Closure Policy and Guidelines. Refer to Design Criteria Package, dated 1/9/2024, Section III - Design and Construction Criteria, M. Transportation Management Plan, Florida's Turnpike/SR-91.

4. MOT plans will require approval by the Florida Turnpike prior to implementation. If lane closures are required during construction or maintenance, the contractor must comply with the provisions outlined in the Florida's Turnpike Enterprise (FTE) Lane Closure Policy and Guidelines. Refer to Design Criteria Package, dated 1/9/2024, Section III - Design and Construction Criteria, M. Transportation Management Plan, Florida's Turnpike/SR-91.

5. The Florida Turnpike will make this determination.

6. The Design-Build Firm shall coordinate and obtain approvals with the Florida's Turnpike Enterprise (See Reference Document 7) as well as Florida Gas Transmission (Attachment B) and other utility companies and property owners if additional ROW is required for all design and construction work to be performed on or around their Right of Way or facilities. Refer to Design Criteria Package, dated 1/9/2024, Section I. Introduction - A. Design-Build Responsibility.

The Design-Build Firm shall submit to the County final signed and sealed design documentation prepared during the development of the plans. If jacking is performed from the existing structure, all existing bridge elements, including deep foundations, will require analysis that AASHTO strength requirements are met. Elements must be strengthened if required with no cost to the County. If bridge jacking is performed from the ground, coordinate with Florida Gas Transmission (FGT) related to allowable pressure over the gas lines at bent 2. Refer to Design Criteria Package, dated 1/9/2024, Section III. Design and Construction Criteria - H. Structure Plans, 1. Bridge Design Analysis, and Attachment B. Florida Gas Transmission.

7. A geotechnical exploration to identify if muck was present or the extent of muck at the Project site has not been performed. However, a geotechnical exploration to have a general overview of the project site was completed. Refer to Design Criteria Package, dated 1/9/2024, Reference Document 6. Geotechnical Data Report. **(Answered: Apr 26, 2024 1:58:31 PM EDT)**

#### Question 12

Is there a requirement for a structural design peer review? If so, is the County providing the peer review or is the design-build team required to obtain an independent third party firm to provide this? **(Submitted: Apr 11, 2024 5:26:52 PM EDT)**

#### Answer

- Yes, there is a requirement for a structural design peer review. Broward County will provide the independent peer reviews on jacking and strengthening the bridge. Refer to Design Criteria Package, dated 1/9/2024, Section I - Introduction. **(Answered: Apr 26, 2024 10:35:02 AM EDT)**

#### Question 13

1. Does Broward County have any Utilities running across the Sheridan Bridge over the Turnpike.  
2. Has Broward County issued any permits to any entity to have a right to have anything on or in the bridge.  
**(Submitted: Apr 12, 2024 1:26:22 PM EDT)**

#### Answer

- 1. Refer to the preliminary utility information provided in the below documents:  
-RFP Design Criteria Reference Document 3A. Preliminary Utilities Plans  
-RFP Design Criteria Reference Document 3B. Preliminary Utilities Contacts  
-Reference Document 8. Existing Street Lighting System  
In addition, there is lighting conduits/wires on the bridge feeding the under-bridge lights.

2. Yes, Broward County Highway Construction and Engineering Division has issued permits to FPL (for installing overhead facilities and poles, directional bore conduits, and pull fiber optic cable through existing conduit) and to the City of Hollywood (for a water main replacement project). However, the design-build team is expected to perform a comprehensive review to identify any conflict with the project. **(Answered: Apr 26, 2024 1:58:31 PM EDT)**

#### Question 14

The Design Criteria Package mentions these (4) attachments, but they could not be found anywhere. Can the County provide them please?

Attachment A. Typical Section Package  
Attachment B. Florida Gas Transmission

Attachment C. Jacking Requirements

Attachment D. Design Documentation Report (Submitted: Apr 16, 2024 3:49:58 PM EDT)

**Answer**

- Refer to Addendum No. 3, all documents have been uploaded to Periscope. (Answered: Apr 24, 2024 11:23:24 AM EDT)

**Question 15**

Is it the intent of this design build to replace all of the trunk line and cross drains with new larger diameter pipes or just the cross drain and piping? (Submitted: Apr 19, 2024 10:12:25 AM EDT)

**Answer**

- The concept plans and drainage report were developed to maintain the existing trunk line in place. Cross drains and pipes are to be replaced per concept plans. Refer to Design Criteria Package, dated 1/9/2024, Reference Document 1 - Proposed Concept Plans, and Reference Document 5 - Conceptual Drainage Memorandum.

(Answered: Apr 26, 2024 10:35:02 AM EDT)