

SECTION NO.: 86010001
FM No.(s): 429575-2-52-01
AGENCY: BROWARD COUNTY
S.R. No.: SR-5 / US-1

**FLORIDA DEPARTMENT OF TRANSPORTATION - DISTRICT FOUR
MAINTENANCE MEMORANDUM OF AGREEMENT (MMOA)**

THIS AGREEMENT, made and entered into this date _____, by and between the **STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION**, a component agency of the State of Florida, hereinafter called the **DEPARTMENT** and **Broward County**, a political subdivision of the State of Florida, hereinafter called the **AGENCY**, collectively hereinafter called the Parties.

WITNESSETH:

WHEREAS, the **DEPARTMENT** has jurisdiction over State Road 5 / US-1; and

WHEREAS, the **DEPARTMENT** seeks to install and have maintained by the **AGENCY** certain bus shelters and associated improvements; and

WHEREAS, as part of the continual updating of the State of Florida Highway System, the **DEPARTMENT**, for the purpose of safety, protection of the investment and other reasons, has constructed and does maintain State Road 5 / US-1; and; (within the limits of the **AGENCY**); and

WHEREAS, it is the intent of the **AGENCY** and the **DEPARTMENT** that the **AGENCY** shall own and maintain the specific elements constructed under **Project Number 429575-2-52-01** to include, but not be limited to, concrete shelter pad, solar powered color coated bus shelter structure and associated amenities, color coated trash receptacles, color coated bus benches and wind wall; hereinafter called, **IMPROVEMENTS** along State Road 5 / US-1, just north of SE 30th Street at SR-5 / US-1 Mile Post (M.P.) 2.170; and

WHEREAS, the **AGENCY** shall be responsible for the concrete shelter pad as described within **Exhibit A (Maintenance Areas by AGENCY)**; and

WHEREAS, the Project involves the scope of work as described within **Exhibit B (Project Location and Description)** and **Exhibit C (Construction Plans)** which will benefit the **AGENCY**; and

WHEREAS, the Parties mutually recognize the need for entering into an Agreement setting forth the responsibilities of each party; and

WHEREAS, the **AGENCY** by Resolution No. _____ dated _____ attached hereto and by this reference made a part hereof, desires to enter into this **AGREEMENT** and authorizes its officers to do so;

NOW THEREFORE, for and in consideration of the mutual benefits to flow each to the other, the Parties covenant and agree as follows:

1. RECITALS

The recitals set forth above are true and correct and are deemed incorporated herein.

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2. INSTALLATION OF FACILITIES

- A. The **DEPARTMENT** has issued **Project Number 429575-2-52-01** to construct the **IMPROVEMENTS** as detailed in **Exhibit C (Construction Plans)** and **Exhibit D (Product Information and Specifications)** along State Road 5 / US-1, which will benefit the **AGENCY**. The **DEPARTMENT** will construct the **IMPROVEMENTS**. The **IMPROVEMENTS** shall comply with the laws and regulations relating to the Americans with Disabilities Act of 1990, as currently enacted or as may be amended from time to time ("ADA"). The **DEPARTMENT** shall update the attached Construction Plans (**Exhibit C**) and the Project Information and Specifications (**Exhibit D**) to meet the requirements of the Building Code. Said Plans shall be provided to the **AGENCY** and shall become part of this Agreement. If there are any major changes to the plan(s), the **DEPARTMENT** shall provide the modified plan(s) to the **AGENCY** and the **AGENCY** shall provide their approval or disapproval to the **DEPARTMENT** within ten (10) business days. The **DEPARTMENT** may elect to withdraw the **IMPROVEMENTS** if changes are not approved within the given time frame.
- B. The **AGENCY** shall be invited to assist the **DEPARTMENT** in final inspection before acceptance of the job by the **DEPARTMENT**.
- C. The **AGENCY** shall own and maintain the **IMPROVEMENTS**.

3. MAINTENANCE OF FACILITIES

- A. The **AGENCY** will maintain the **IMPROVEMENTS** to be installed under **Project Number 429575-2-52-01**. Maintenance by the **AGENCY** will include repair, restoration, and general maintenance of all **IMPROVEMENTS**. This includes **Project Number 429575-2-52-01** to include the **IMPROVEMENTS** as described in **Exhibit B (Project Location and Description)**.
- 1) The **AGENCY** will maintain, at its sole cost and expense, the **IMPROVEMENTS within the areas** set forth in **Exhibit A (Areas Maintained by Agency)** in compliance with any and all applicable laws which shall include, but not be limited to, laws and regulations relating to the Americans with Disabilities Act ("ADA") of 1990, as currently enacted or as may be amended from time to time.
 - 2) The **IMPROVEMENTS** shall be kept clean and free from trash and debris. The **IMPROVEMENTS** shall be kept free of graffiti and pests such as stinging insects, rodents and vermin, including removal of nests as needed.
 - 3) As part of the maintenance responsibility, the **AGENCY** will keep in good repair and replace, defective or worn out parts of the **IMPROVEMENTS**. The **AGENCY's** responsibility to keep the **IMPROVEMENTS** in good repair shall include all necessary maintenance, repair and replacement of any type or nature, including, but not limited to, maintenance, repair and replacement due to normal wear and tear, named storm event, acts of God, vandalism and accidents. The **AGENCY** shall take all necessary steps to maintain the **IMPROVEMENTS** in a manner to

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protect against injury to any person or property.

- 4) The above named functions to be performed by the **AGENCY** may be subject to periodic inspections by the **DEPARTMENT** at the discretion of the **DEPARTMENT**. Such inspection findings will be shared with the **AGENCY** and shall be the basis of all decisions regarding tasks or activities performed by the **AGENCY** that do not meet the requirements of this **AGREEMENT** or **AGREEMENT** termination.
 - 5) The **AGENCY** shall be solely responsible for any damages to surrounding property, real estate, vehicles, pedestrians, or other assets occurring as a result of maintenance and operation of the **IMPROVEMENTS** and shall repair such damage to the satisfaction of the **DEPARTMENT** at no expense to the **DEPARTMENT**, as per the requirements in **Exhibit E (Maintenance Plan Requirements)**.
- B. To the extent permitted by law, the **AGENCY** shall indemnify the **DEPARTMENT** for any and all costs or expenses incurred by the **DEPARTMENT** for the **AGENCY's** failure to comply with all ADA Laws existing and as may be amended. Costs and expenses shall include the costs to make the facility ADA compliant, Attorney's fees and costs and any judgments. Adjacent sidewalk areas shall be accessible at all times. If sidewalk closures are needed, alternate routes shall be clearly identified and missing sidewalk shall be restored either with permanent or temporary materials at the end of each work day.
- C. All **IMPROVEMENTS** shall at all times have a notification sign posted with the name and phone number of the department within the **AGENCY** responsible for maintenance of the **IMPROVEMENTS** so that members of the public may contact the **AGENCY** regarding problems with the **IMPROVEMENTS**. The **AGENCY** shall promptly respond and correct all complaints regarding maintenance. The **IMPROVEMENTS** to be constructed with this project shall not contain advertising at any time.
- D. It is understood and agreed by the Parties that upon "final acceptance" (as that term is described in Section 5-11 of the **DEPARTMENT's** Standard Specifications for Roadway and Bridge Construction, as amended by contract documents between the **DEPARTMENT** and its Contractor) by the **DEPARTMENT** of the Project and Notice thereof to the **AGENCY**, the **AGENCY** shall be responsible for maintenance of the Project in accordance with the following Federally and State accepted standards (current editions at the time of execution of this **AGREEMENT** and any amendments hereafter) and all costs related thereto: (a) FDOT Plans Preparation Manual (PPM), (b) FDOT Design Manual (FDM), (c) Florida Green Book, (d) Standard Specifications for Roadway and Bridge Construction, (e) FDOT Standard Plans and (f) Manual on Uniform Traffic Control Devices (MUTCD).
- E. If it becomes necessary to provide utilities (water/electricity) to these improvements, all costs associated with the utilities, accent lighting and/or irrigation systems including, but not limited to the impact and connection fees, and the on-going cost of utility usage for water and electrical, are the maintaining **AGENCY's** responsibility.
- 1) If applicable, the **AGENCY** shall be directly responsible for impact and connection fees.

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AND

- 2) The **AGENCY** shall become responsible for the above named **IMPROVEMENTS** and ongoing utility costs upon final acceptance of the construction project by the **DEPARTMENT** and thereafter.
- F. Any work impacting traffic flow along State Road 5 / US-1 must be coordinated with the **DEPARTMENT**. Lane closures must be submitted for approval in accordance with **DEPARTMENT** procedures and policies and will meet the goals established in the **DEPARTMENT's** Open Roads Policy.

4. NOTICE OF MAINTENANCE DEFICIENCIES

- A. If, at any time while the terms of this **AGREEMENT** are in effect, it shall come to the attention of the **DEPARTMENT** that the **AGENCY's** responsibility as established herein or a part thereof is not being properly accomplished pursuant to the terms of this **AGREEMENT**, the **DEPARTMENT** may issue a written notice, that a deficiency or deficiencies exist(s), by sending a certified letter to the **AGENCY**, in care of the BROWARD COUNTY, DIRECTOR OF TRANSPORTATION DEPARTMENT, to place the **AGENCY** on notice regarding its maintenance deficiencies. Thereafter, the **AGENCY** shall have a period of sixty (60) days within which to correct the cited deficiency or deficiencies. If said deficiencies are not corrected within the time period, the **DEPARTMENT** may, at its option, proceed under one or more or a combination of the following items:
- 1) The **DEPARTMENT** may repair any item or a number of items included in the notice. Corrective actions will be performed with the **DEPARTMENT** and/or its independent contractor's materials, equipment and personnel. The actual cost for such work will be charged to the **AGENCY**.
 - 2) The **DEPARTMENT** may remove or replace any item or number of items with the standard **DEPARTMENT** item or similar at the discretion of the **DEPARTMENT**. Corrective actions will be performed with the **DEPARTMENT** and/or its independent contractor's materials, equipment and personnel. The actual cost for such work will be charged to the **AGENCY**.
 - 3) If there is no standard equivalent item or if in the **DEPARTMENT's** discretion the item is not necessary for the operations of the roadway, the **DEPARTMENT** may remove the item in its entirety and restore the area to a condition acceptable to the **DEPARTMENT**. Corrective actions will be performed with the **DEPARTMENT** and/or its independent contractor's materials, equipment and personnel. The actual cost for such work will be charged to the **AGENCY**.
 - 4) At the discretion of the **DEPARTMENT**, terminate this **AGREEMENT** in accordance with Paragraph 7 and the **IMPROVEMENTS** will be removed, by the **DEPARTMENT** or its Contractor's, and the **AGENCY** will be charged the reasonable cost of such removal.

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- 5) The **AGENCY** will provide the local FDOT Operation Center located at Broward Operations, 5548 NW 9th Avenue, Ft. Lauderdale, FL 33309 (954) 776-4300, a twenty-four (24) hour telephone number and the name of a responsible person that the **DEPARTMENT** may contact regarding maintenance of the **IMPROVEMENTS**. The **AGENCY** shall notify the local maintenance office forty-eight (48) hours prior to the start of maintenance activities and coordinate scheduled work activities to ensure no conflict with **DEPARTMENT** projects.

5. FUTURE DEPARTMENT IMPROVEMENTS

It is understood between the Parties that the **IMPROVEMENTS** covered by this **AGREEMENT** may be removed at the **DEPARTMENT's** expense, at any time in the future as determined to be necessary by the **DEPARTMENT** in order that the adjacent state road be widened, altered or otherwise changed to meet with future criteria or planning of the **DEPARTMENT**.

6. FUTURE AGENCY IMPROVEMENTS

The **AGENCY** may construct additional improvements within the limits of the rights of ways identified as a result of this **AGREEMENT**, subject to the following conditions:

- 1) Plans for any new improvements or modifications shall be subject to approval by the **DEPARTMENT**. The **AGENCY** shall not change or deviate from said plans without written approval by the **DEPARTMENT**.
- 2) The **AGENCY** shall procure a permit and/ or Construction Agreement from the **DEPARTMENT**, as appropriate.
- 3) All additional improvements under this section shall be developed and implemented in accordance with appropriate state safety and roadway design standards.
- 4) Any additional improvements installed under this section will bear no cost to the **DEPARTMENT** and will require an amendment to the **AGREEMENT**

7. AGREEMENT TERMINATION

This **AGREEMENT** may be terminated under any one (1) of the following conditions:

- 1) By the **DEPARTMENT**, if the **AGENCY** fails to perform its duties under this **AGREEMENT**, following ten (10) days written notice. The **AGENCY** shall reimburse the **DEPARTMENT** for any expenditures for the installation of said improvements and the cost to remove and or replace said improvement with the standard improvement or remove in its entirety.
- 2) By the **DEPARTMENT**, for refusal by the **AGENCY** to allow public access to all documents, papers, letters, or other material subject to the provisions of Chapter 119, Florida Statutes, made or received by the **AGENCY** in **conjunction** with this **AGREEMENT**.

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- 3) By the **DEPARTMENT** with a six (6) month written notice.
- 4) By the **AGENCY** with a six (6) month written notice if the **AGENCY** removes the **IMPROVEMENTS** and restores the area to its original condition at the sole cost to the **AGENCY**. If the removal is within ten (10) years of final acceptance, the **AGENCY** shall reimburse the **DEPARTMENT** for the **IMPROVEMENTS**.

8. AGREEMENT TERM

The term of this **AGREEMENT** commences upon execution by all Parties. The term of this **AGREEMENT** shall remain in effect for as long as the **IMPROVEMENTS** shall exist or until his **AGREEMENT** is terminated pursuant to Section 7.

9. LIABILITY AND INSURANCE REQUIREMENTS

- A. With respect to any of the **AGENCY's** agents, consultants, sub-consultants, contractors, and/or sub-contractors, such persons/entities in any contract for the improvements to the **IMPROVEMENTS** as described in **Exhibit B (Project Location and Description)** shall agree to indemnify, defend, save and hold harmless the **DEPARTMENT** from all claims, demands, liabilities, and suits of any nature arising out of, because of or due to any intentional and/or negligent act or occurrence, omission or commission of such agents, consultants, sub consultants, contractors and/or subcontractors. The **AGENCY** shall provide to the **DEPARTMENT** written evidence of the foregoing upon the request of the **DEPARTMENT**. It is specifically understood and agreed that this indemnification clause does not cover or indemnify the **DEPARTMENT** for its own negligence. Nothing contained herein is intended nor shall be construed to waive **AGENCY's** rights and immunities under the common law or Section 768.28, Florida Statutes, as amended from time to time.
- B. In the event that **AGENCY** contracts with a third party, to provide the services set forth herein, any contract with such third party shall include the following provisions:
 - 1) **AGENCY** contractor shall at all times during the term of this **AGREEMENT** keep and maintain in full force and effect, at contractor's sole cost and expense, Comprehensive General Liability with minimum limits of \$1,000,000.00 per occurrence combined single limit for Bodily Injury Liability and Property Damage Liability and Worker's Compensation insurance with minimum limits of \$500,000.00 per Liability. Coverage must be afforded on a form no more restrictive than the latest edition of the Comprehensive General Liability and Worker's Compensation policy without restrictive endorsements, as filed by the Insurance Services Office and shall name the **DEPARTMENT** as an additional insured.
 - 2) **AGENCY's** contractor shall furnish **AGENCY** with Certificates of Insurance of Endorsements evidencing the insurance coverages specified herein prior to the beginning performance of work under this **AGREEMENT**.
 - 3) Coverage is not to cease and is to remain in full force and effect (subject to cancellation notice) until all performance required of **AGENCY's** contractor is

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completed. All policies must be endorsed to provide the **DEPARTMENT** with at least thirty (30) day notice of cancellation and/or restriction. If any of the insurance coverages will expire prior to the completion of work, copies of renewal policies shall be furnished at least (30) days prior to the date of expiration.

10. E-VERIFY REQUIREMENTS

The **AGENCY** shall:

- 1) Utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the **AGENCY** for the work performed under this **AGREEMENT**; and
- 2) Expressly require any contractors performing work or providing services pursuant to the state contract to likewise utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the subcontractor during the contract term.

11. ENTIRE AGREEMENT

This writing embodies the entire Agreement and understanding between the Parties hereto and there are no other Agreements and understanding, oral or written, with reference to the **IMPROVEMENTS** that are not merged herein and superseded hereby.

12. DISPUTES

The **DEPARTMENT'S** District Secretary shall decide all questions, difficulties and disputes of any nature whatsoever that may arise under or by reason of this **AGREEMENT**, the prosecution or fulfillment of the services hereunder and the character, quality, amount and value thereof; and his/her decision upon all claims, questions and disputes shall be final and conclusive upon the Parties hereto.

13. ASSIGNMENT

This **AGREEMENT** may not be assigned or transferred by the **AGENCY** in whole or part without the consent of the **DEPARTMENT**.

14. LAWS GOVERNING

This **AGREEMENT** shall be governed by and construed in accordance with the laws of the State of Florida. In the event of a conflict between any portion of the contract and Florida law, the laws of Florida shall prevail. The exclusive venue for any lawsuit arising from, related to, or in connection with this **AGREEMENT** shall be in the state courts of the Seventeenth Judicial Circuit in and for Broward County, Florida.

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15. NOTICES

Any and all notices given or required under this **AGREEMENT** shall be in writing and either personally delivered with receipt acknowledgement or sent by certified mail, return receipt requested. All notices shall be sent to the following addresses.

If to the **DEPARTMENT:**

State of Florida Department of Transportation
Attention: District Maintenance Engineer
3400 West Commercial Blvd
Ft. Lauderdale, FL 33309-3421

If to the **AGENCY:**

Broward County
Attention: Mr. Chris Walton, Director of Transportation
1 North University Drive, Suite 3100A
Plantation, FL 33324

16. LIST OF EXHIBITS

- Exhibit A: Areas Maintained by AGENCY
- Exhibit B: Project Location and Description
- Exhibit C: Construction Plans
- Exhibit D: Product Information and Specifications
- Exhibit E: Maintenance Plan Requirements

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IN WITNESS OF THE FOREGOING, the Parties have set their hands and seals the day and year first above written.

AGENCY:

Broward County, Florida


By: _____
Mayor or Vice Mayor

Date: _____

Signatory (Printed or Typed)

Attest: _____(SEAL)
Clerk

Reviewed and approved as to form:
Andrew J. Meyers, County Attorney

By: 

Angela J. Wallace,
Deputy County Attorney

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IN WITNESS OF THE FOREGOING, the Parties have set their hands and seals the day and year first above written.

DEPARTMENT:

ATTEST:

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

Executive Secretary
(SEAL)

Sign: _____
Director of Operations

Print Name: _____

Date: _____

Approval as to Form:

Sign: _____
District General Counsel

Print Name: _____

Date: _____

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EXHIBIT A

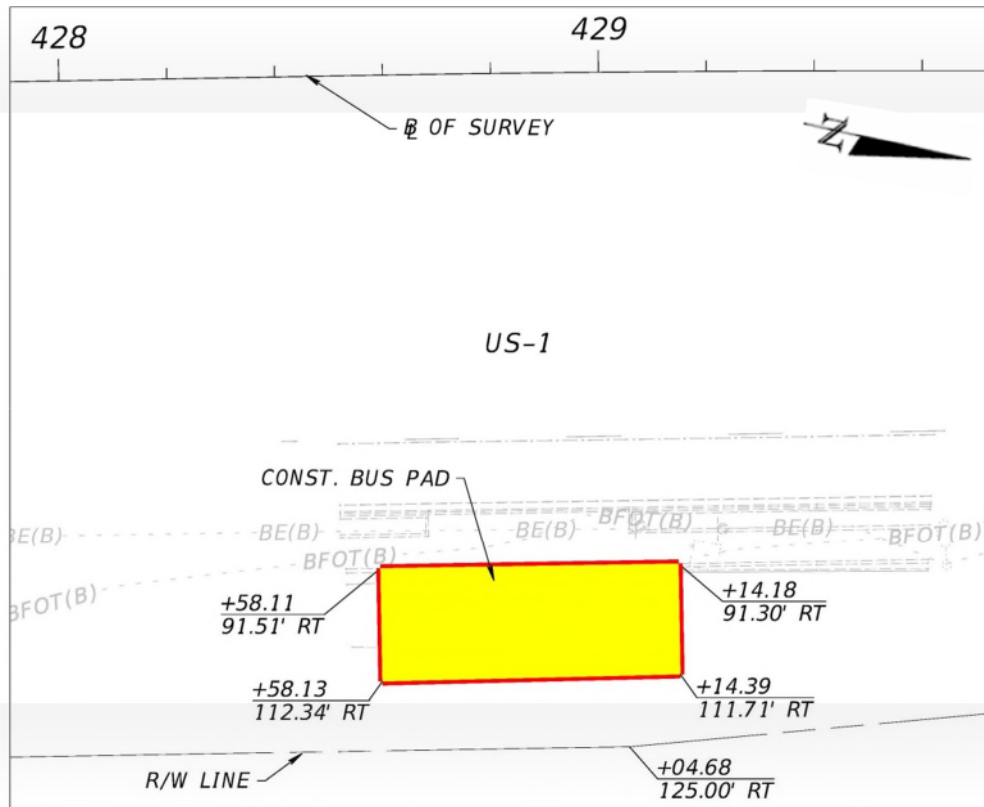
AREAS MAINTAINED BY AGENCY

Note: Maintenance Areas by **AGENCY** are referenced from the Roadway Construction Plans under **Project Number 429575-2-52-01** approved by the **DEPARTMENT**.



LEGEND: Illustrates Maintenance Areas by **AGENCY**

Location 14 (Broward County Bus Stop I.D. #2950) SR-5 at Mile Post 2.170



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EXHIBIT B

PROJECT LOCATION AND DESCRIPTION

I. Location:

The **IMPROVEMENTS** associated with this **AGREEMENT** are within the limits of the City of Hollywood, Florida, along State Road 5 / US-1, just north of SE 30th Street at SR-5 / US-1 Mile Post (M.P.) 2.170.

II. Description of Work:

- **Project Number 429575-2-52-01** to include the **IMPROVEMENTS** associated within the limits of this project.

It will be the responsibility of the **AGENCY** to maintain the **IMPROVEMENTS** described in this **AGREEMENT**.

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EXHIBIT C

CONSTRUCTION PLANS

Construction Plans prepared by Caltran Engineering Group dated April 10, 2018, as approved by the **DEPARTMENT**.

Construction Plans (attached)

Sheets Included:

| PDF Page Number (#) | Plan Sheet (#) | Sheet(s) Description |
|---------------------|----------------|-----------------------|
| 16 | FIGURE 1 | 7' BUS SHELTER |
| 17 | 1 | KEY SHEET |
| 18 | 9 | GENERAL NOTES |
| 19 | 23 | ROADWAY PLAN |
| 20 | SQ-1 | SUMMARY OF QUANTITIES |
| 21 | SQ-2 | SUMMARY OF QUANTITIES |
| 22 | SQ-4 | SUMMARY OF QUANTITIES |
| 23 | SQ-5 | SUMMARY OF QUANTITIES |
| 24 | SQ-6 | SUMMARY OF QUANTITIES |
| 25 | SQ-7 | SUMMARY OF QUANTITIES |
| 26 | SQ-9 | SUMMARY OF QUANTITIES |

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EXHIBIT D

PRODUCT INFORMATION AND SPECIFICATIONS

| BROWARD COUNTY BUS SHELTER - PRODUCT INFORMATION AND SPECIFICATIONS | | | | | | | | | |
|---|------|------|-----------|----------------------------|--------------|-------|------------------|--|------------------|
| BROWARD COUNTY BUS STOP I.D. # | SR # | SIDE | MILE POST | DESCRIPTION | MODEL | COLOR | MANUFACTURER | PRODUCT DRAWING OR SPECIFICATIONS NUMBER | TRASH RECEPTACLE |
| 2950 | SR 5 | EAST | 2.170 | 7' Bus Shelter with Canopy | Kaleidoscope | Black | Landscapes forms | Drawing G090742CD – Figure 1 | YES |

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EXHIBIT E

MAINTENANCE PLAN REQUIREMENTS

The **AGENCY** shall submit to the **DEPARTMENT** a maintenance plan within the **AGENCY** limits which is described in **Exhibit A**, detailing the means and methods for accomplishing the maintenance related activities in accordance with all **DEPARTMENT** Standards, Procedures and Specifications. This plan shall be submitted and approved by the **DEPARTMENT** prior to commencing any maintenance or repair activities. The **AGENCY** shall comply with the **DEPARTMENT's** applicable Maintenance Rating Program (MRP) Standards. The plan should at minimum detail how the **AGENCY** will address the following:

1. Providing for continuous traffic control and necessary traffic control devices as required for the safe movement of traffic of vehicular and pedestrian traffic past the location of the structure being repaired for the duration of the repair in accordance with **DEPARTMENT** Standards, Procedures and Specifications.
2. Protection of adjacent surrounding property, real estate, vehicles, pedestrians, or other maintenance related activities.
3. Containment of debris or materials used in or resulting from the repair.

After the maintenance plan is approved, the **AGENCY** shall submit a work plan to the **DEPARTMENT** for approval prior to each repair to be performed detailing:

1. The proposed date of the repair
2. The location of the repair
3. The nature of the repair
4. The materials to be used for the repair
5. The methods to be used for the repair

DESIGN DATA:

| | |
|---------------------------------|----------------------------|
| BUILDING CODE | 2007 FLORIDA BUILDING CODE |
| OCCUPANCY CATEGORY | II |
| ASSUMED ALLOWABLE SOIL PRESSURE | 2,500 PSF |
| MATERIAL YIELD STRESSES | |
| STRUCTURAL STEEL | |
| COLD ROLLED STEEL (AISI 1018) | FY= 53,000 PSI |
| RECTANGULAR HSS | FY= 46,000 PSI |
| ALL OTHERS | FY= 36,000 PSI |
| ALUMINUM (6005 T5 EXTRUDED) | FY= 35,000 PSI |
| CONCRETE FOOTINGS | f'c= 3,000 PSI |
| CONCRETE REINFORCING | FY= 60,000 PSI |
| WELDED WIRE FABRIC | FY= 65,000 PSI |

DESIGN LOADS

| | |
|---|-----------|
| DEAD LOAD (CALCULATED) | |
| ALUMINUM | 173 PCF |
| STEEL | 490 PCF |
| CONCRETE | 150 PCF |
| TOTAL STRUCTURE DEAD LOAD (EXCLUDING FDN) | 2,500 LBS |

LIVE LOADS

| | |
|-------------------------------------|---------|
| ROOF | 20 PSF |
| REDUCTION | NONE |
| OR NON-CONCURRENT CONCENTRATED LOAD | 300 LBS |

WIND LOADS

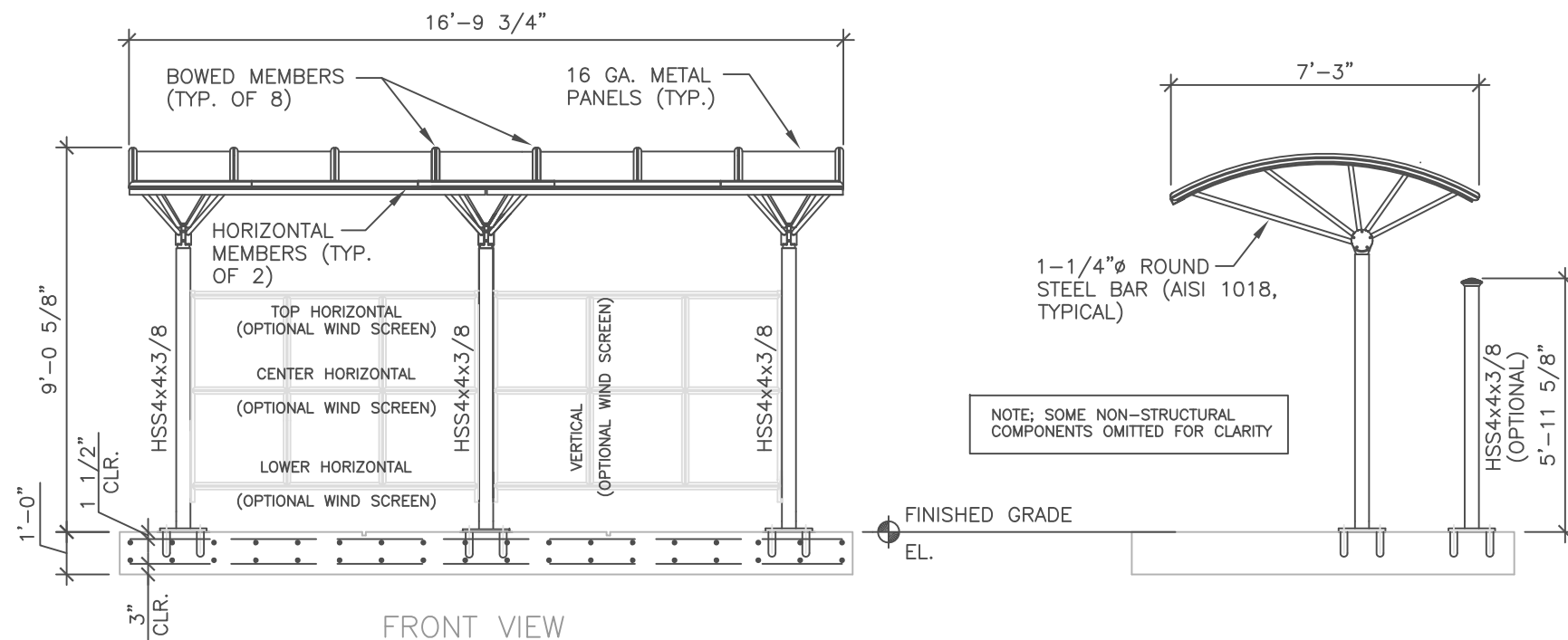
| | |
|-------------------------------------|---------|
| WIND SPEED (3-SECOND GUST) | 140 MPH |
| IMPORTANCE FACTOR (I _w) | 1.0 |
| EXPOSURE (ALL DIRECTIONS) | C |

SEISMIC

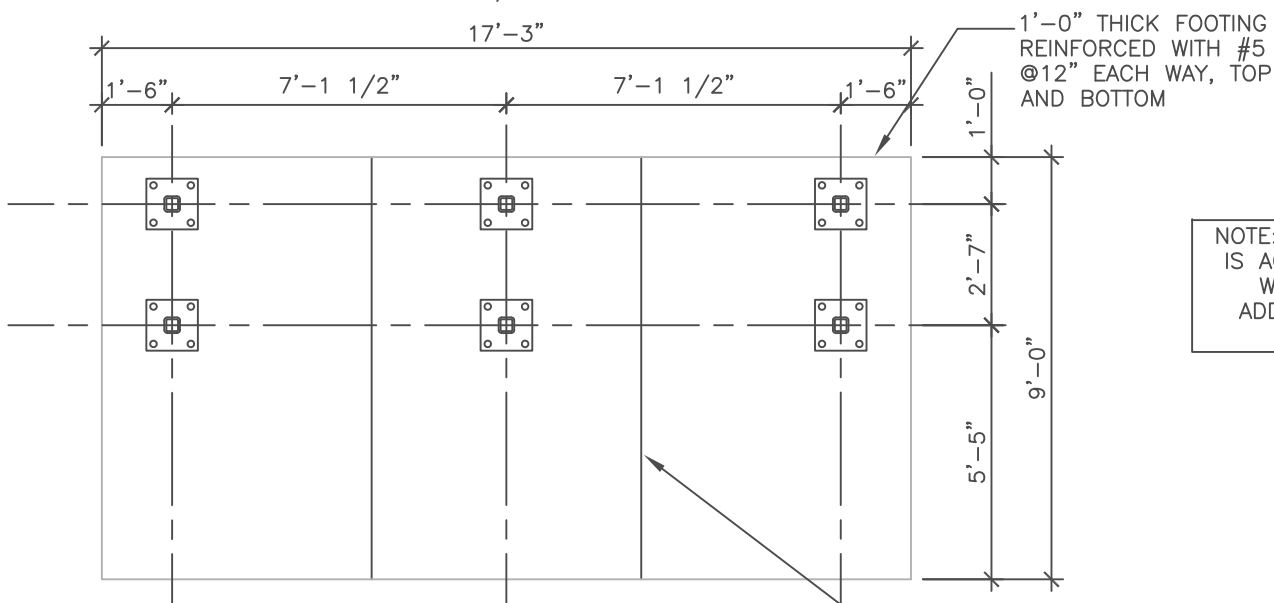
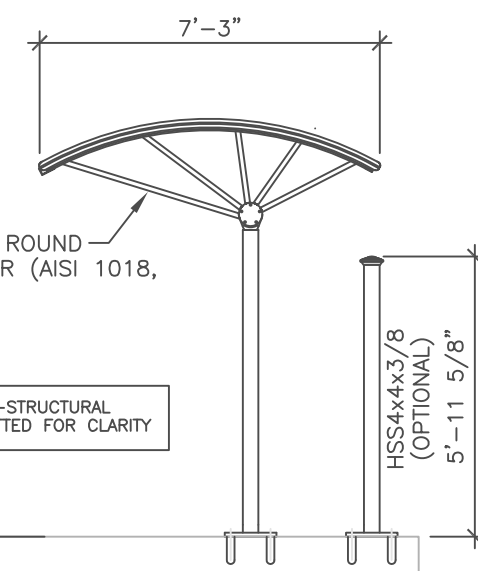
| | |
|--|---|
| IMPORTANCE FACTOR (I _E) | 1.0 |
| MAPPED SPECTRAL RESPONSE (S _S) | 5.2% g |
| MAPPED SPECTRAL RESPONSE (S ₁) | 2.0% g |
| SITE CLASS | C |
| SPECTRAL RESPONSE COEFFICIENT (S _{DS}) | 4.2% g |
| SPECTRAL RESPONSE COEFFICIENT (S _{D1}) | 2.3% g |
| SEISMIC DESIGN CATEGORY | A |
| FORCE-RESISTING SYSTEM | OTHER SELF SUPPORTING STRUCTURE, PER AISC TABLE 15.4-2 MINIMUM LATERAL FORCE |

ANALYSIS PROCEDURE

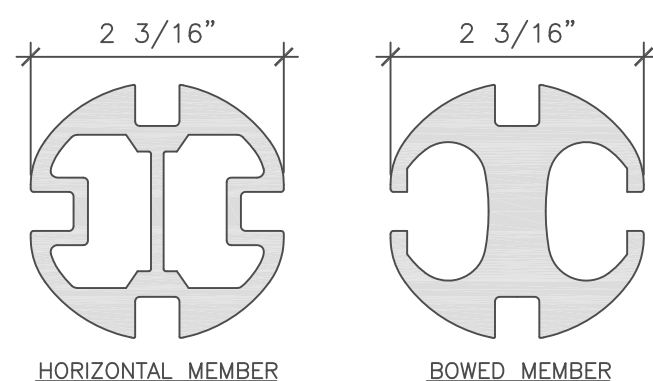
MINIMUM LATERAL FORCE



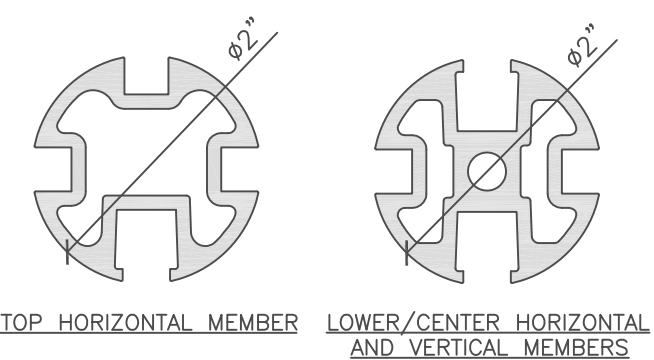
NOTE: SOME NON-STRUCTURAL COMPONENTS OMITTED FOR CLARITY



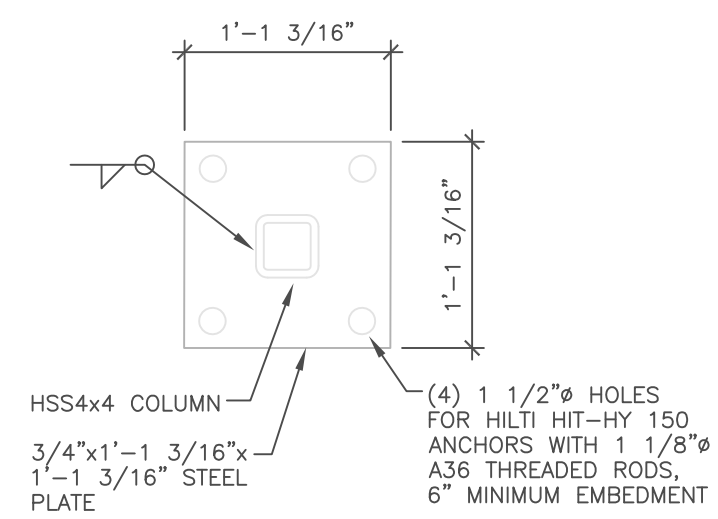
NOTE: FOUNDATION DESIGN IS ACCEPTABLE FOR USE WITH OR WITHOUT ADDITION OF OPTIONAL WIND SCREEN



CANOPY MEMBER CROSS SECTIONS
NO SCALE



OPTIONAL WIND SCREEN MEMBER CROSS SECTIONS
NO SCALE



CONTRACT PLANS COMPONENTS

- ROADWAY PLANS
- SIGNALIZATION PLANS
- LANDSCAPE PLANS

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

CONTRACT PLANS

FINANCIAL PROJECT ID 429575-2-52-01

BROWARD COUNTY (86010)

STATE ROAD NO. 5 (US-1)

INDEX OF ROADWAY PLANS

| SHEET NO. | SHEET DESCRIPTION |
|-----------------|---------------------------------|
| 1 | KEY SHEET |
| 2 | SIGNATURE SHEET |
| 3 - 4 | SUMMARY OF PAY ITEMS |
| 5 | TYPICAL SECTION |
| 6 | TYPICAL SECTION DETAILS |
| 7 - 8 | PROJECT LAYOUT |
| 9 | GENERAL NOTES |
| 10 - 26 | ROADWAY PLAN |
| 27 - 33 | TEMPORARY TRAFFIC CONTROL PLANS |
| SQ-1 - SQ-11 | SUMMARY OF QUANTITIES |
| CTL-1* - CTL-5* | PROJECT CONTROL |

* This sheet is included on the Index of Roadway Plans only to indicate that is part of the Roadway Plans. This sheet is contained in a separate digitally signed and sealed document.

**CONSTRUCTABILITY
SUBMITTAL**

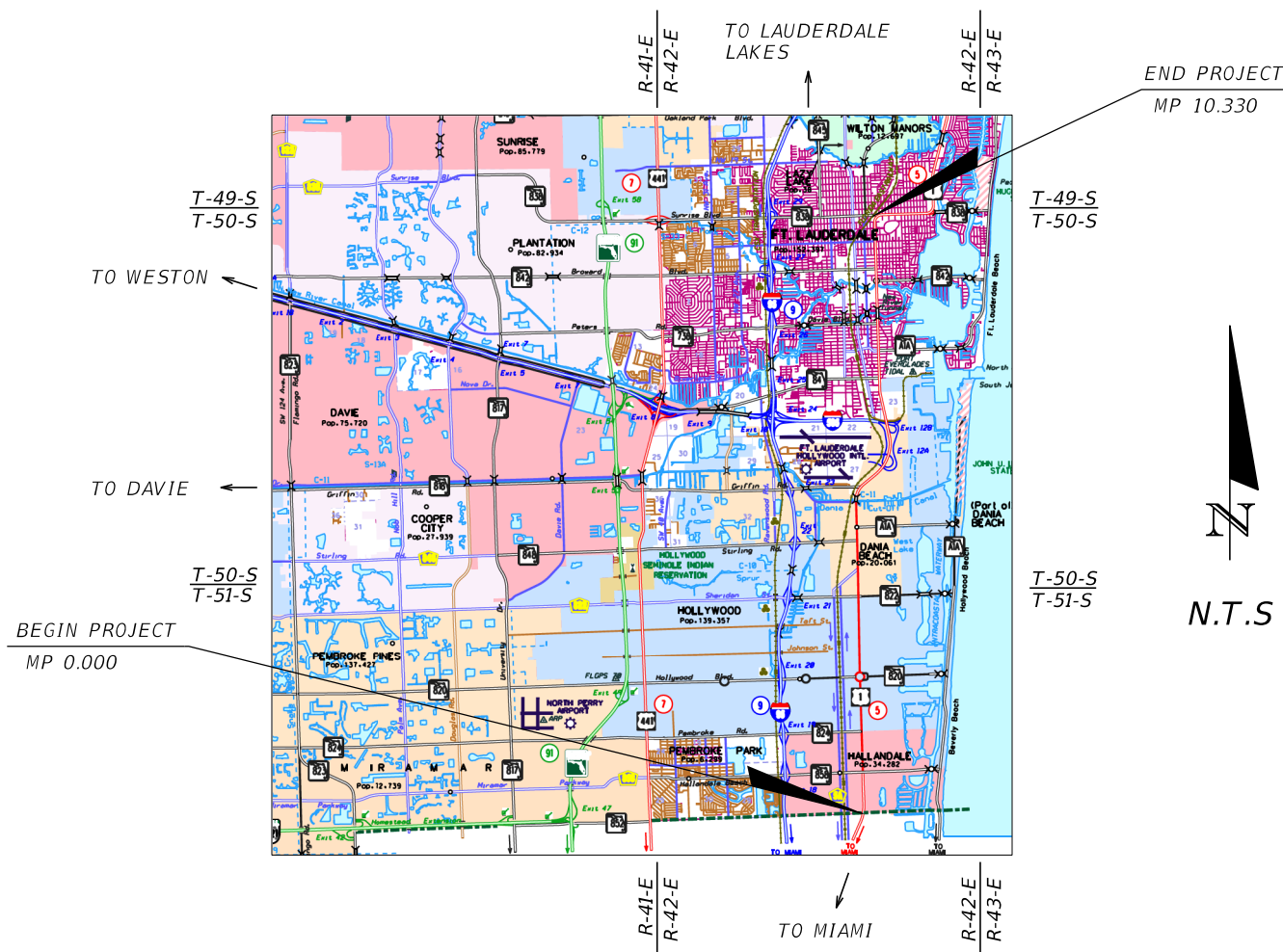
GOVERNING DESIGN STANDARDS:

Florida Department of Transportation, FY 2018-19 Standards Plans for Road and Bridge Construction and applicable Interim Revisions (IRs).

Standad Plans for Road Construction and associated IRs are available at the following website: <http://www.fdot.gov/design/standardplans>

GOVERNING STANDARD SPECIFICATIONS:

Florida Department of Transportation, July 2018 Standard Specifications for Road and Bridge Construction at the following website: <http://www.fdot.gov/programmanagement/Implemented/SpecBooks>

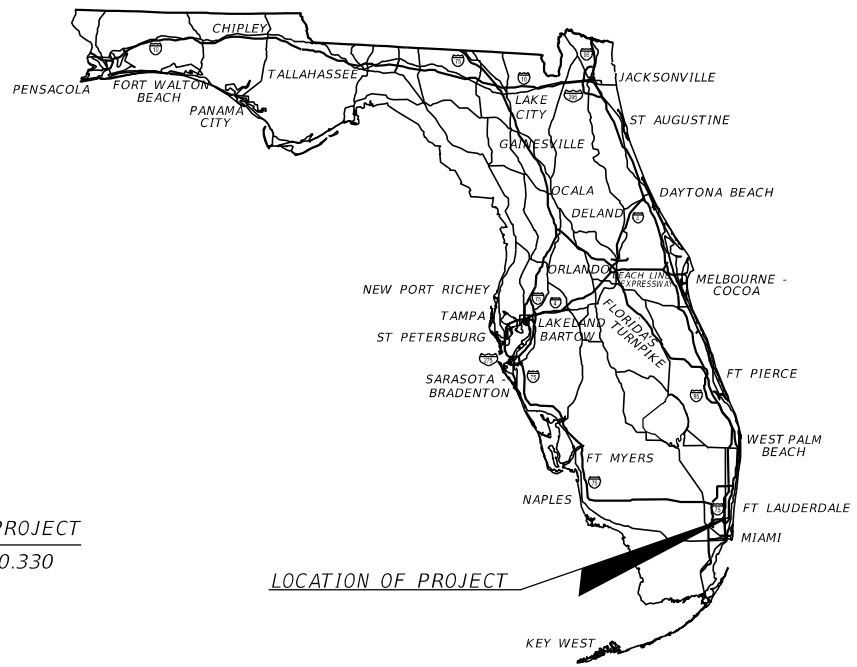


END PROJECT
MP 10.330

BEGIN PROJECT
MP 0.000



N.T.S.



LOCATION OF PROJECT

ROADWAY PLANS
ENGINEER OF RECORD:
JEANNELIA LIU, P.E. NO.: 57565
CALTRAN ENGINEERING GROUP
790 NW 107TH AVE, SUITE 200
MIAMI, FLORIDA 33172
(786) 456-7700
CONTRACT NO.: C-9U24
VENDOR NO.: 27-4564005
CERTIFICATE OF AUTHORIZATION NO: 29379

FDOT PROJECT MANAGER:
HELEN JAMES, P.E.

| CONSTRUCTION CONTRACT NO. | FISCAL YEAR | SHEET NO. |
|---------------------------|-------------|-----------|
| | 19 | 1 |

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

GENERAL NOTES

1. GENERAL:
BENCHMARK ELEVATIONS SHOWN ON THE PLANS ARE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
2. THE LOCATION(S) OF THE UTILITIES SHOWN IN THE PLANS ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY.
3. CONTRACTOR SHALL OBTAIN GUIDANCE AT PRECONSTRUCTION MEETING WITH RESPECT TO COORDINATION WITH MAINTAINING AGENCIES: BROWARD COUNTY TRANSIT DIVISION (BCT), CITY OF FORT LAUDERDALE, CITY OF HALLANDALE BEACH, CITY OF DANIA BEACH, AND CITY OF HOLLYWOOD FOR TEMPORARY RELOCATION OF BUS STOPS DURING CONSTRUCTION AND SHALL PROVIDE ACCESS TO AND FROM ALL BUS STOP LOCATIONS. ADDITIONALLY, COORDINATION WITH MAINTAINING AGENCIES FOR DELIVERY OF SALVAGEABLE MATERIAL IS REQUIRED.

| | | |
|---------------------------------|-----------------|----------------|
| BROWARD COUNTY TRANSIT DIVISION | ARETHIA DOUGLAS | (954) 357-8375 |
| CITY OF DANIA BEACH | BRAD KAINÉ | (954) 924-6808 |
| CITY OF FORT LAUDERDALE | KAREN WARFEL | (954) 828-3798 |
| CITY OF HALLANDALE BEACH | ERIC HOUSTON | (954) 457-2224 |
| CITY OF HOLLYWOOD | CLARISSA IP | (954) 921-3915 |

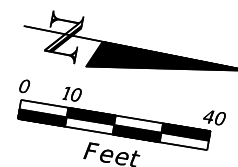
4. UTILITY OWNERS:

| COMPANY | CONTACT | TELEPHONE |
|--|-------------------------|-----------------------|
| STROME NETWORKS | KRISTIN ZAKY | (561) 757 - 1442 |
| ADVANCED CABLE COMMUNICATIONS | DIEGO PEREZ | (954) 752 - 7244 x230 |
| AMERICAN TRAFFIC SOLUTIONS | SANTIAGO MARTINEZ | (480) 596 - 4595 |
| AT&T | NANCY SPENCE | (770) 918 - 5424 |
| AT&T/ DISTRIBUTION | OTIS KEEVE | (954) 723 - 2540 |
| BROWARD COUNTY PORT EVERGLADES DEPT | JOHN FOGLESONG | (954) 468 - 0142 |
| BROWARD COUNTY TRAFFIC ENGINEERING | ROBERT BLOUNT | (954) 847 - 2745 |
| BROWARD COUNTY WATER AND WASTEWATER SERVICES | EVA FLORIAN | (954) 831 - 0916 |
| BUCKEYE PIPELINE CO. | DANIEL MANGUM | (832) 541 - 3946 |
| CENTURYLINK (FORMERLY QWEST COMMUNICATIONS) | GEORGE MCELVAIN | (303) 992 - 9931 |
| CITY OF DANIA BEACH DRAINAGE | DOMINIC ORLANDO | (954) 924 - 3740 |
| CITY OF DANIA BEACH SEWER | DOMINIC ORLANDO | (954) 924 - 3740 |
| CITY OF DANIA BEACH WATER | DOMINIC ORLANDO | (954) 924 - 3740 |
| CITY OF FT LAUDERDALE | JON STAHL | (954) 828 - 7830 |
| CITY OF HALLANDALE BEACH | MARIANA PITIRICIU | (954) 457 - 3042 |
| CITY OF HOLLYWOOD PUBLIC UTILITIES DEPT | GREG JEFFRIES | (561) 314 - 4445 |
| CITY OF HOLLYWOOD, PUBLIC WORKS DEPT | GREG JEFFRIES | (561) 791 - 9280 |
| CITY OF SUNRISE GAS | ROBERT DUBIN | (954) 572 - 2299 |
| CITY OF SUNRISE WATER & WASTEWATER DEPT | PAT KOHLER | (954) 572 - 2299 |
| COMCAST CABLE | LEONARD MAXWELL-NEUBOLD | (954) 447 - 8405 |
| CROWN CASTLE | FIBERDIG TEAM | FIBERDIG TEAM(TBD) |
| CROWN CASTLE NG | FIBERDIG TEAM | (408) 954 - 1580 x448 |
| DADE COUNTY PUBLIC WORKS AND TRAFFIC | OCTAVIO VIDAL | (305) 412 - 0891 x201 |
| FDOT/ELAND ENGINEERING | CHRIS BEAUDRY | (954) 847 - 1996 |
| FIBERLIGHT LLC. | TROY GAETA | (678) 824 - 6630 |
| FLORIDA DEPARTMENT OF TRANSPORTATION | CAROLYN LEACH | (954) 847 - 2690 |
| FLORIDA GAS TRANSMISSION | JOSEPH E. SANCHEZ | (407) 838 - 7171 |
| FLORIDA POWER & LIGHT--BROWARD | MARIO ESCALONA | (305) 219 - 9143 |
| FLORIDA POWER & LIGHT--DADE | MARIO ESCALONA | (305) 219 - 9143 |
| FPL FIBERNET LLC | DANNY HASKETT | (305) 552 - 2931 |
| HOTWIRE COMMUNICATIONS | WALTER SANCHO DAVILA | (954) 417 - 3606 |
| LEVEL 3 COMMUNICATIONS | NETWORK RELATIONS | (877) 366 - 8344 x2 |
| MCI | DEAN BOYERS | (972) 729 - 6322 |
| MIAMI-DADE WATER & SEWER | SERGIO GARCIA | (786) 268 - 5320 |
| SPRINT NEXTEL | MARK CALDWELL | (321) 287 - 9942 |
| TECO PEOPLES GAS SOUTH FLORIDA | YVONNE GOLDMAN | (954) 453 - 0824 |
| TOWN OF DAVIE -UTILITIES DEPT | LARRY DOUGHTY | (954) 327 - 3744 |

5. CONSTRUCT ALL BUS LANDING PADS AND BUS SHELTER PADS WITH A 1.5% CROSS SLOPE.
6. BUS SHELTERS AND AMENITIES ARE ALL PROPRIETARY PRODUCTS. CONTRACTOR MUST ORDER CITY SPECIFIED PRODUCTS. SEE SUMMARY OF QUANTITIES FOR SPECIFIC ORDERING INFORMATION.

| REVISIONS | | | | JEANNELIA LIU, P.E. P.E. LICENSE NUMBER 57565 CALTRAN ENGINEERING GROUP, INC. 790 NW 107 AVENUE, SUITE 200 MIAMI, FLORIDA, 33172 CERTIFICATE OF AUTHORIZATION 29379 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | GENERAL NOTES | SHEET NO. |
|-----------|-------------|------|-------------|--|--|--------|----------------------|---------------|----------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | | SR 5 | BROWARD | | 429575-2-52-01 |

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SE 30 STREET

R/W LINE

427

B OF SURVEY E 428

429

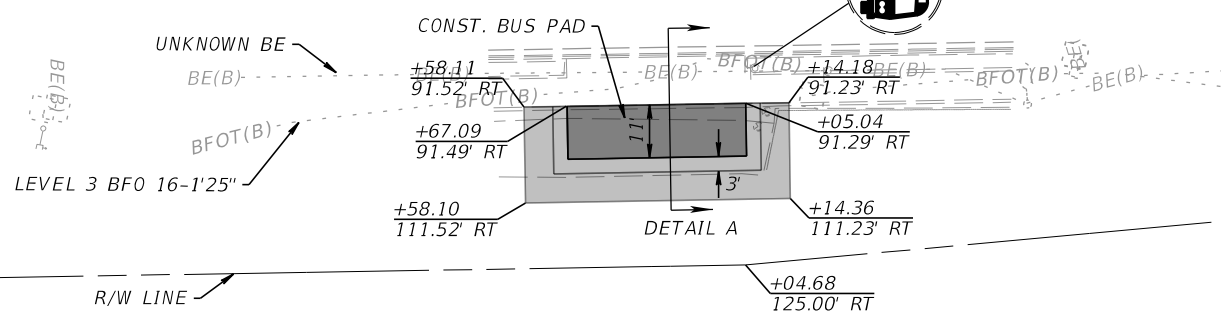
430

431

432

US 1/SR 5/N FEDERAL HWY

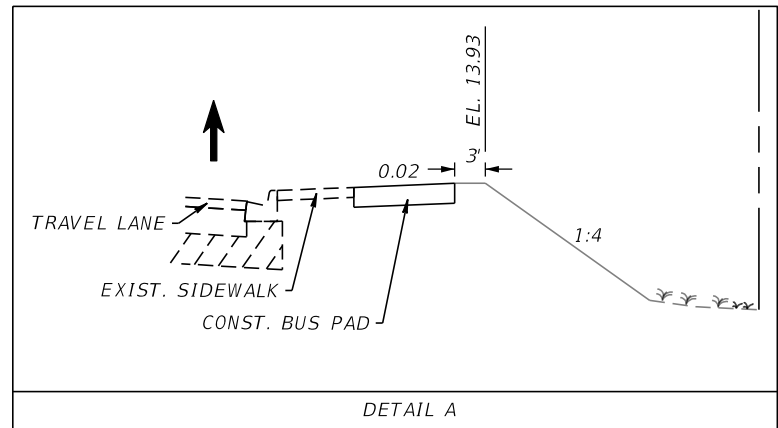
(TO REMAIN)



BUS SHELTER # 14

LEGEND:

- 12" CONCRETE SLAB
- EMBANKMENT



| REVISIONS | | | | JEANNELIA LIU, P.E. P.E. LICENSE NUMBER 57565 CALTRAN ENGINEERING GROUP, INC. 790 NW 107 AVENUE, SUITE 200 MIAMI, FLORIDA, 33172 CERTIFICATE OF AUTHORIZATION 29379 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | ROADWAY PLAN | SHEET NO. |
|-----------|-------------|------|-------------|--|--|---------|----------------------|--------------|-----------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | 23 |
| | | | | | SR 5 | BROWARD | 429575-2-52-01 | | |

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INDEX OF SUMMARY OF QUANTITIES

PAY ITEM NOTES

| SHEET NO. | SHEET DESCRIPTION |
|-----------|--|
| SQ-1 | SUMMARY OF LUMP SUM ITEMS |
| SQ-2 | SUMMARY OF GENERAL ITEMS |
| SQ-3 | SUMMARY OF TRAFFIC CONTROL PLAN ITEMS AND PEDESTRIAN LONGITUDINAL CHANNELING DEVICE |
| SQ-4 | BUS SHELTER AND AMENITIES - ORDERING INFORMATION |
| SQ-5 | SUMMARY OF LITTER REMOVAL AND MOWING |
| SQ-6 | SUMMARY OF CLEARING AND GRUBBING & REMOVAL ITEMS |
| SQ-7 | SUMMARY OF EARTHWORK AND PAVEMENT |
| SQ-8 | SUMMARY OF UTILITY ADJUSTMENTS AND CURB & GUTTER AND/OR TRAFFIC SEPARATORS |
| SQ-9 | SUMMARY OF SIDEWALK & DETECTABLE WARNINGS |
| SQ-10 | SUMMARY OF PERFORMANCE TURF AND SIGNING & PAVEMENT MARKINGS TABULATION OF QUANTITIES |
| SQ-11 | SIGNING & PAVEMENT MARKINGS TABULATION OF QUANTITIES |
| SQ-11 | LIGHTING TABULATION OF QUANTITIES |

| | | |
|----|------------------------|--|
| 1. | 110-1 | INCLUDES THE COST OF TREE REMOVAL AND TREE GRATES PAY ITEM ALSO INCLUDES COORDINATION AND TRANSPORTATION OF TREE GRATES WITH THE RESPECTIVE MAINTAINING AGENCY. |
| 2. | 110-1-1 | INCLUDES REMOVAL OF BUS STOP SIGNS, BENCHES AND TRASH RECEPTACLES. |
| 3. | 520-1-10 | INCLUDES COST OF CURB BASE. |
| 4. | 522-4 | SEE MANUFACTURER SPECIFICATION FOR 12' REINFORCED CONCRETE BUS SHELTER PAD CORRESPONDING TO THE BUS SHELTER TYPE FOR EACH LOCATION. |
| 5. | 751-35-11 751-35-12 | SEE ORDERING INFORMATION AFTER THE SUMMARY OF GENERAL ITEMS TABLE FOR SPECIFIC BUS SHELTERS. PAY ITEM ALSO INCLUDES COORDINATION OF TRANSPORTATION AND DELIVERING EXISTING BUS STOP AND ITS COMPONENTS WITH THE RESPECTIVE MAINTAINING AGENCY. PAY ITEM ALSO INCLUDES THE INSTALLATION OFF ALL ELECTRICAL ROUNDING ELEMENTS AND PULL BOX FOR EACH BUS SHELTER. |
| 6. | 751-37 | SEE ORDERING INFORMATION AFTER THE SUMMARY OF GENERAL ITEMS TABLE FOR SPECIFIC TRASH RECEPTACLE FOR EACH LOCATION. |
| 7. | 751-38-11 751-38-14 | SEE ORDERING INFORMATION AFTER THE SUMMARY OF GENERAL ITEMS TABLE FOR SPECIFIC BUS BENCH FOR EACH LOCATION. |

| SUMMARY OF LUMP SUM ITEMS | | | | | |
|---------------------------|----------------------|----------|---|--------------|----------------------|
| PAY ITEM NO. | PAY ITEM DESCRIPTION | QUANTITY | | DESIGN NOTES | CONSTRUCTION REMARKS |
| | | P | F | | |
| 0101-1 | MOBILIZATION | 1 | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

| REVISIONS | | | | JEANNELIA LIU, P.E. P.E. LICENSE NUMBER 57565 CALTRAN ENGINEERING GROUP, INC. 790 NW 107 AVENUE, SUITE 200 MIAMI, FLORIDA, 33172 CERTIFICATE OF AUTHORIZATION 29379 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | SUMMARY OF QUANTITIES | SHEET NO. |
|-----------|-------------|------|-------------|--|--|---------|----------------------|-----------------------|-----------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | SR 5 | BROWARD | 429575-2-52-01 | | |

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SUMMARY OF GENERAL ITEMS

Exhibit 2

| PAY ITEM NO. | PAY ITEM DESCRIPTION | LOCATION | SIDE | UNIT | QUANTITY | | TOTAL | | DESIGN NOTES | CONSTRUCTION REMARKS |
|--------------|--|------------------------|------|------|----------|---|-------|---|-----------------------|----------------------|
| | | STA. TO STA. | | | P | F | P | F | | |
| 0751 35 11 | BUS SHELTER, F&I, UP TO 50 SF | 220+57.77 TO 220+82.83 | RT | EA | 1 | | 1 | | BL D / BUS SHELTER 7 | |
| 0751 35 12 | ARCHITECTURAL, BUS SHELTER, F&I, 50-100 SF | 443+88.88 TO 444+02.88 | RT | EA | 1 | | 20 | | BL A / BUS SHELTER 1 | |
| | | 23+36.29 TO 23+59.29 | RT | EA | 1 | | | | BL B / BUS SHELTER 2 | |
| | | 44+95.82 TO 45+20.82 | LT | EA | 1 | | | | BL B / BUS SHELTER 3 | |
| | | 115+96.78 TO 116+67.09 | LT | EA | 3 | | | | BL C / BUS SHELTER 4 | |
| | | 5+46.02 TO 6+34.83 | LT | EA | 3 | | | | BL C / BUS SHELTER 5 | |
| | | 177+53.89 TO 177+78.89 | RT | EA | 1 | | | | BL C / BUS SHELTER 6 | |
| | | 226+61.81 TO 226+86.81 | LT | EA | 1 | | | | BL D / BUS SHELTER 8 | |
| | | 247+47.02 TO 247+72.02 | LT | EA | 1 | | | | BL D / BUS SHELTER 9 | |
| | | 248+80.08 TO 249+20.08 | RT | EA | 1 | | | | BL D / BUS SHELTER 10 | |
| | | 266+49.86 TO 266+89.81 | RT | EA | 1 | | | | BL D / BUS SHELTER 11 | |
| | | 288+92.10 TO 289+32.08 | RT | EA | 1 | | | | BL D / BUS SHELTER 12 | |
| | | 295+29.09 TO 295+54.09 | RT | EA | 1 | | | | BL D / BUS SHELTER 13 | |
| | | 428+67.25 TO 429+05.05 | RT | EA | 1 | | | | BL E / BUS SHELTER 14 | |
| | | 131+18.15 TO 132+43.18 | LT | EA | 1 | | | | BL E / BUS SHELTER 15 | |
| | | 134+82.00 TO 135+20.00 | RT | EA | 1 | | | | BL E / BUS SHELTER 16 | |
| | | 145+11.44 TO 145+36.44 | RT | EA | 1 | | | | BL D / BUS SHELTER 17 | |
| 0751 37 | TRASH RECEPTACLE | 116+34.44 | LT | EA | 1 | | 14 | | BL C / BUS SHELTER 4 | |
| | | 5+90.50 | LT | EA | 1 | | | | BL C / BUS SHELTER 5 | |
| | | 177+66.39 | RT | EA | 1 | | | | BL C / BUS SHELTER 6 | |
| | | 220+70.61 | RT | EA | 1 | | | | BL D / BUS SHELTER 7 | |
| | | 226+74.31 | LT | EA | 1 | | | | BL D / BUS SHELTER 8 | |
| | | 247.59.50 | LT | EA | 1 | | | | BL D / BUS SHELTER 9 | |
| | | 249+00.08 | RT | EA | 1 | | | | BL D / BUS SHELTER 10 | |
| | | 266+69.80 | RT | EA | 1 | | | | BL D / BUS SHELTER 11 | |
| | | 289+12.09 | RT | EA | 1 | | | | BL D / BUS SHELTER 12 | |
| | | 295+41.59 | RT | EA | 1 | | | | BL D / BUS SHELTER 13 | |
| | | 428+86.15 | RT | EA | 1 | | | | BL E / BUS SHELTER 14 | |
| | | 131+30.68 | LT | EA | 1 | | | | BL E / BUS SHELTER 15 | |
| | | 135+02.00 | RT | EA | 1 | | | | BL E / BUS SHELTER 16 | |
| | | 145+23.94 | RT | EA | 1 | | | | BL E / BUS SHELTER 17 | |
| 0751 38 11 | BENCH, F&I, ALUMINUM | 443+95.88 | RT | EA | 1 | | 14 | | BL A / BUS SHELTER 1 | |
| | | 23+46.28 | RT | EA | 1 | | | | BL B / BUS SHELTER 2 | |
| | | 45+08.35 | LT | EA | 1 | | | | BL B / BUS SHELTER 3 | |
| | | 220+70.61 | RT | EA | 1 | | | | BL D / BUS SHELTER 7 | |
| | | 226+74.31 | LT | EA | 1 | | | | BL D / BUS SHELTER 8 | |
| | | 247.59.50 | LT | EA | 1 | | | | BL D / BUS SHELTER 9 | |
| | | 249+00.08 | RT | EA | 1 | | | | BL D / BUS SHELTER 10 | |
| | | 266+69.80 | RT | EA | 1 | | | | BL D / BUS SHELTER 11 | |
| | | 289+12.09 | RT | EA | 1 | | | | BL D / BUS SHELTER 12 | |
| | | 295+41.59 | RT | EA | 1 | | | | BL D / BUS SHELTER 13 | |
| | | 428+86.15 | RT | EA | 1 | | | | BL E / BUS SHELTER 14 | |
| | | 131+30.68 | LT | EA | 1 | | | | BL E / BUS SHELTER 15 | |
| | | 135+02.00 | RT | EA | 1 | | | | BL E / BUS SHELTER 16 | |
| | | 145+23.94 | RT | EA | 1 | | | | BL E / BUS SHELTER 17 | |
| 0751 38 14 | BENCH, F&I, STEEL | 116+34.44 | LT | EA | 1 | | 3 | | BL C / BUS SHELTER 4 | |
| | | 5+90.50 | LT | EA | 1 | | | | BL C / BUS SHELTER 5 | |
| | | 177+66.39 | RT | EA | 1 | | | | BL C / BUS SHELTER 6 | |

| <p>REVISIONS</p> <table border="1"> <thead> <tr> <th>DATE</th> <th>DESCRIPTION</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table> | | | | DATE | DESCRIPTION | DATE | DESCRIPTION | | | | | <p>JEANNELIA LIU, P.E. P.E. LICENSE NUMBER 57565 CALTRAN ENGINEERING GROUP, INC. 790 NW 107 AVENUE, SUITE 200 MIAMI, FLORIDA, 33172 CERTIFICATE OF AUTHORIZATION 29379</p> | | | <p>STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION</p> <table border="1"> <thead> <tr> <th>ROAD NO.</th> <th>COUNTY</th> <th>FINANCIAL PROJECT ID</th> </tr> </thead> <tbody> <tr> <td>SR 5</td> <td>BROWARD</td> <td>429575-2-52-01</td> </tr> </tbody> </table> | | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | SR 5 | BROWARD | 429575-2-52-01 | <p>SUMMARY OF QUANTITIES</p> | | <p>SHEET NO.</p> <p>SQ-2</p> |
|--|-------------|----------------------|-------------|------|-------------|------|-------------|--|--|--|--|--|--|--|---|--|--|----------|--------|----------------------|------|---------|----------------|------------------------------|--|------------------------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | | | | | | | | | | | | | | | | | | | | | | | |
| SR 5 | BROWARD | 429575-2-52-01 | | | | | | | | | | | | | | | | | | | | | | | | |

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BUS SHELTERS AND AMENITIES - ORDERING INFORMATION

| BUS SHELTER # | STATION LOCATION | DESCRIPTION | MODEL | COLOR | MANUFACTURER | PRODUCT SPECIFICATION NUMBER |
|---------------|------------------|-------------------|---------------------------------|---------------------|-----------------|---------------------------------|
| 1 | 443+95.88 | 5' BUS SHELTER | ECLIPSE - ARCHED | SILVER | BRASCO INT. | EC0512-AR-AL-125 |
| | 443+95.88 | BUS BENCH | ECLIPSE BENCH | SILVER | BRASCO INT. | EC-BE-6-2S |
| 2 | 23+46.28 | 5' BUS SHELTER | ECLIPSE - ARCHED | SILVER | BRASCO INT. | EC0512-AR-AL-125 |
| | 23+46.28 | BUS BENCH | ECLIPSE BENCH | SILVER | BRASCO INT. | EC-BE-6-2S |
| 3 | 45+08.35 | 5' BUS SHELTER | ECLIPSE - ARCHED | SILVER | BRASCO INT. | EC0512-AR-AL-125 |
| | 45+08.35 | BUS BENCH | ECLIPSE BENCH | SILVER | BRASCO INT. | EC-BE-6-2S |
| 4 | 116+34.44 | 7' BUS SHELTER | KALEIDOSCOPE | BLACK | LANDSCAPE FORMS | G090742CD |
| | 116+34.44 | BUS BENCH | PRESIDIO BENCH | BLACK | LANDSCAPE FORMS | |
| | 116+34.44 | TRASH RECEPTACLE | CHASE PARK LITTER RECEPTABLE | BLACK | LANDSCAPE FORMS | |
| | 116+34.44 | SHELTER WALL | WIND WALL | BLACK | LANDSCAPE FORMS | |
| 5 | 5+90.50 | 7' BUS SHELTER | KALEIDOSCOPE | BLACK | LANDSCAPE FORMS | G090742CD |
| | 5+90.50 | BUS BENCH | PRESIDIO BENCH | BLACK | LANDSCAPE FORMS | |
| | 5+90.50 | TRASH RECEPTACLE | CHASE PARK LITTER RECEPTABLE | BLACK | LANDSCAPE FORMS | |
| | 5+90.50 | SHELTER WALL | WIND WALL | BLACK | LANDSCAPE FORMS | |
| 6 | 177+66.39 | 5' BUS SHELTER | KALEIDOSCOPE | BLACK | LANDSCAPE FORMS | G090742CD |
| | 177+66.39 | BUS BENCH | PRESIDIO BENCH | BLACK | LANDSCAPE FORMS | |
| | 177+66.39 | TRASH RECEPTACLE | CHASE PARK LITTER RECEPTABLE | BLACK | LANDSCAPE FORMS | |
| | 177+66.39 | SHELTER WALL | WIND WALL | BLACK | LANDSCAPE FORMS | |
| 7 | 220+70.61 | 4.25' BUS SHELTER | SLIMLINE STYLE - DUTCH HIP ROOF | RED AND DARK BRONZE | BRASCO INT. | SERIES #SL-01-12-OF-F14-GC-DH-6 |
| | 220+70.61 | BUS BENCH | BLACK HDPE BENCH WITH BACKREST | DARK BRONZE | BRASCO INT. | |
| | 220+70.61 | TRASH RECEPTACLE | STREETSCAPE 35G | | BRASCO INT. | |
| 8 | 226+74.31 | 4.75' BUS SHELTER | SLIMLINE STYLE - DUTCH HIP ROOF | RED AND DARK BRONZE | BRASCO INT. | SERIES #SL512-OF |
| | 226+74.31 | BUS BENCH | BLACK HDPE BENCH WITH BACKREST | DARK BRONZE | BRASCO INT. | |
| | 226+74.31 | TRASH RECEPTACLE | STREETSCAPE 35G | DARK BRONZE | BRASCO INT. | |
| 9 | 247.59.50 | 4.75' BUS SHELTER | SLIMLINE STYLE - DUTCH HIP ROOF | RED AND DARK BRONZE | BRASCO INT. | SERIES #SL512-OF |
| | 247.59.50 | BUS BENCH | BLACK HDPE BENCH WITH BACKREST | DARK BRONZE | BRASCO INT. | |
| | 247.59.50 | TRASH RECEPTACLE | STREETSCAPE 35G | DARK BRONZE | BRASCO INT. | |
| 10 | 249+00.08 | 4.75' BUS SHELTER | SLIMLINE STYLE - DUTCH HIP ROOF | RED AND DARK BRONZE | BRASCO INT. | SERIES #SL512-OF |
| | 249+00.08 | BUS BENCH | BLACK HDPE BENCH WITH BACKREST | DARK BRONZE | BRASCO INT. | |
| | 249+00.08 | TRASH RECEPTACLE | STREETSCAPE 35G | DARK BRONZE | BRASCO INT. | |
| 11 | 266+69.80 | 4.75' BUS SHELTER | SLIMLINE STYLE - DUTCH HIP ROOF | RED AND DARK BRONZE | BRASCO INT. | SERIES #SL512-OF |
| | 266+69.80 | BUS BENCH | BLACK HDPE BENCH WITH BACKREST | DARK BRONZE | BRASCO INT. | |
| | 266+69.80 | TRASH RECEPTACLE | STREETSCAPE 35G | DARK BRONZE | BRASCO INT. | |
| 12 | 289+12.09 | 4.75' BUS SHELTER | SLIMLINE STYLE - DUTCH HIP ROOF | RED AND DARK BRONZE | BRASCO INT. | SERIES #SL512-OF |
| | 289+12.09 | BUS BENCH | BLACK HDPE BENCH WITH BACKREST | DARK BRONZE | BRASCO INT. | |
| | 289+12.09 | TRASH RECEPTACLE | STREETSCAPE 35G | DARK BRONZE | BRASCO INT. | |
| 13 | 295+41.59 | 4.75' BUS SHELTER | SLIMLINE STYLE - DUTCH HIP ROOF | RED AND DARK BRONZE | BRASCO INT. | SERIES #SL512-OF |
| | 295+41.59 | BUS BENCH | BLACK HDPE BENCH WITH BACKREST | DARK BRONZE | BRASCO INT. | |
| | 295+41.59 | TRASH RECEPTACLE | STREETSCAPE 35G | DARK BRONZE | BRASCO INT. | |
| 14 | 428+86.15 | 7' BUS SHELTER | INTERLUDE | GRAY | BRASCO INT. | |
| | 428+86.15 | BUS BENCH | INTERLUDE BENCH | GRAY | BRASCO INT. | |
| | 428+86.15 | TRASH RECEPTACLE | STREETSCAPE 35G | GRAY | BRASCO INT. | |
| 15 | 131+30.68 | 5' BUS SHELTER | INTERLUDE | GRAY | BRASCO INT. | |
| | 131+30.68 | BUS BENCH | INTERLUDE BENCH | GRAY | BRASCO INT. | |
| | 131+30.68 | TRASH RECEPTACLE | STREETSCAPE 35G | GRAY | BRASCO INT. | |
| 16 | 135+02.00 | 5' BUS SHELTER | INTERLUDE | GRAY | BRASCO INT. | |
| | 135+02.00 | BUS BENCH | INTERLUDE BENCH | GRAY | BRASCO INT. | |
| | 135+02.00 | TRASH RECEPTACLE | STREETSCAPE 35G | GRAY | BRASCO INT. | |
| 17 | 145+23.94 | 5' BUS SHELTER | INTERLUDE | GRAY | BRASCO INT. | |
| | 145+23.94 | BUS BENCH | INTERLUDE BENCH | GRAY | BRASCO INT. | |
| | 145+23.94 | TRASH RECEPTACLE | STREETSCAPE 35G | GRAY | BRASCO INT. | |

| REVISIONS | | | | JEANNELIA LIU, P.E. P.E. LICENSE NUMBER 57565 CALTRAN ENGINEERING GROUP, INC. 790 NW 107 AVENUE, SUITE 200 MIAMI, FLORIDA, 33172 CERTIFICATE OF AUTHORIZATION 29379 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | SUMMARY OF QUANTITIES | SHEET NO. |
|-----------|-------------|------|-------------|--|--|---------|----------------------|-----------------------|-----------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | SR 5 | BROWARD | 429575-2-52-01 | | |

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

| SUMMARY OF LITTER REMOVAL AND MOWING | | | | | | | | | | | | |
|--------------------------------------|--------------------------|---------|-----------------|------------------|----------------|---|--------|------------|------------|--------|-----------------------|----------------------|
| CONST. PHASE | LOCATION STA. TO STA. | SIDE | DURATION (DAYS) | FREQUENCY (DAYS) | LITTER REMOVAL | | | | | | DESIGN NOTES | CONSTRUCTION REMARKS |
| | | | | | 0107 1 | | | | | | | |
| | AREA ID | | | | L | W | CYCLES | AREA | | | | |
| | | | | | | | | AC / CYCLE | TOTAL (AC) | | | |
| | | | | P | F | | | | | | | |
| I | 443+70.34 TO 444+15.32 | RT | 365 | 30 | 16957 | | | 12 | 0.022 | 0.264 | BL A / BUS SHELTER 1 | |
| | 23+06.28 TO 23+66.27 | RT | 365 | 30 | 16962 | | | 12 | 0.020 | 0.240 | BL B / BUS SHELTER 2 | |
| | 44+85.82 TO 45+30.82 | LT | 365 | 30 | 16975 | | | 12 | 0.010 | 0.120 | BL B / BUS SHELTER 3 | |
| | 114+26.50 TO 116+98.05 | LT | 365 | 30 | 17033 | | | 12 | 0.430 | 5.160 | BL C / BUS SHELTER 4 | |
| | 3+50.09 TO 6+40.80 | RT | 365 | 30 | 16980 | | | 12 | 0.194 | 2.328 | BL C / BUS SHELTER 5 | |
| | 5+05.14 TO 7+08.56 | LT | 365 | 30 | 16985 | | | 12 | 0.097 | 1.164 | | |
| | 6+67.28 TO 7+33.32 | RT | 365 | 30 | 17019 | | | 12 | 0.018 | 0.216 | | |
| | 7+06.42 TO 7+34.26 | LT / RT | 365 | 30 | 17028 | | | 12 | 0.007 | 0.084 | | |
| | 177+43.89 TO 177+88.89 | RT | 365 | 30 | 17044 | | | 12 | 0.011 | 0.132 | BL C / BUS SHELTER 6 | |
| | 220+47.83 TO 220+92.83 | RT | 365 | 30 | 17045 | | | 12 | 0.009 | 0.108 | BL D / BUS SHELTER 7 | |
| | 226+34.81 TO 227+88.35 | LT | 365 | 30 | 17234 | | | 12 | 0.054 | 0.648 | BL D / BUS SHELTER 8 | |
| | 247+37.01 TO 247+82.03 | LT | 365 | 30 | 26930 | | | 12 | 0.014 | 0.168 | BL D / BUS SHELTER 9 | |
| | 248+70.08 TO 249+30.98 | RT | 365 | 30 | 17056 | | | 12 | 0.014 | 0.168 | BL D / BUS SHELTER 10 | |
| | 266+39.96 TO 266+99.81 | RT | 365 | 30 | 17063 | | | 12 | 0.014 | 0.168 | BL D / BUS SHELTER 11 | |
| | 288+82.10 TO 289+42.08 | RT | 365 | 30 | 17068 | | | 12 | 0.019 | 0.228 | BL D / BUS SHELTER 12 | |
| | 293+44.91 TO 293+76.73 | LT | 365 | 30 | 17073 | | | 12 | 0.013 | 0.156 | BL D / BUS SHELTER 13 | |
| | 293+46.38 TO 293+80.55 | RT | 365 | 30 | 17094 | | | 12 | 0.016 | 0.192 | | |
| | 294+76.73 TO 294+43.72 | LT | 365 | 30 | 17104 | | | 12 | 0.012 | 0.144 | | |
| | 294+28.78 TO 294+79.78 | RT | 365 | 30 | 17084 | | | 12 | 0.010 | 0.120 | | |
| | 295+19.09 TO 295+64.09 | RT | 365 | 30 | 17089 | | | 12 | 0.011 | 0.132 | | |
| | 428+47.98 TO 429+14.39 | RT | 365 | 30 | 17106 | | | 12 | 0.079 | 0.948 | BL E / BUS SHELTER 14 | |
| | 131+54.10 TO 132+54.31 | LT | 365 | 30 | 14107 | | | 12 | 0.039 | 0.468 | BL E / BUS SHELTER 15 | |
| | 134+82.00 TO 135+20.00 | RT | 365 | 30 | 19696 | | | 12 | 0.002 | 0.024 | BL E / BUS SHELTER 16 | |
| | 145+01.44 TO 145+46.44 | RT | 365 | 30 | 17108 | | | 12 | 0.009 | 0.108 | BL E / BUS SHELTER 17 | |
| SUB-TOTAL : | | | | | | | | | | 13.488 | | |
| TOTAL : | | | | | | | | | | 13.49 | | |

| | | | | | | | | | |
|-----------|-------------|------|-------------|--|--|---------|----------------------|-----------------------|-----------|
| REVISIONS | | | | JEANNELIA LIU, P.E. P.E. LICENSE NUMBER 57565 CALTRAN ENGINEERING GROUP, INC. 790 NW 107 AVENUE, SUITE 200 MIAMI, FLORIDA, 33172 CERTIFICATE OF AUTHORIZATION 29379 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | SUMMARY OF QUANTITIES | SHEET NO. |
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | SQ-5 |
| | | | | | SR 5 | BROWARD | 429575-2-52-01 | | |

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

SUMMARY OF CLEARING AND GRUBBING & REMOVAL ITEMS

| PAY ITEM NO. | PAY ITEM DESCRIPTION | LOCATION STA. TO STA. | SIDE | AREA ID | LENGTH | WIDTH | UNITS | SECONDARY UNITS (IF LUMP SUM) | QUANTITY | | TOTAL | | DESIGN NOTES | CONSTRUCTION REMARKS |
|--------------|------------------------------|--------------------------|------|---------|--------|-------|-------|----------------------------------|----------|---|-------|---|-----------------------|----------------------|
| | | | | | | | | AREA (AC) | P | F | P | F | | |
| 0110 1 1 | CLEARING AND GRUBBING | 443+80.32 TO 444+05.32 | RT | 19786 | | | LS | 0.010 | | | 1 | | TOTAL AREA: 0.336 AC | BUS SHELTER 1 |
| | | 23+16.27 TO 23+56.27 | RT | 14987 | | | | 0.010 | | | | | BL B / BUS SHELTER 2 | |
| | | 44+95.85 TO 45+20.82 | LT | 20301 | | | | 0.004 | | | | | BL B / BUS SHELTER 3 | |
| | | 115+59.46 TO 116+96.71 | LT | 15062 | | | | 0.040 | | | | | BL C / BUS SHELTER 4 | |
| | | 116+66.36 TO 116+81.19 | LT | 14832 | | | | 0.020 | | | | | | |
| | | 117+11.34 TO 117+12.23 | LT | 14823 | | | | 0.001 | | | | | | |
| | | 5+04.83 TO 6+91.88 | LT | 14856 | | | | 0.051 | | | | | BL C / BUS SHELTER 5 | |
| | | 6+46.63 TO 6+90.932 | LT | 15086 | | | | 0.013 | | | | | | |
| | | 177+53.89 TO 177+78.89 | RT | 15096 | | | | 0.005 | | | | | BL C / BUS SHELTER 6 | |
| | | 220+57.83 TO 220+89.44 | RT | 15442 | | | | 0.010 | | | | | BL D / BUS SHELTER 7 | |
| | | 226+34.80 TO 227+78.35 | LT | 15124 | | | | 0.050 | | | | | BL D / BUS SHELTER 8 | |
| | | 247+47.01 TO 247+72.01 | LT | 15125 | | | | 0.005 | | | | | BL D / BUS SHELTER 9 | |
| | | 248+90.07 TO 249+20.08 | RT | 15126 | | | | 0.008 | | | | | BL D / BUS SHELTER 10 | |
| | | 266+49.81 TO 266+79.81 | RT | 14882 | | | | 0.008 | | | | | BL D / BUS SHELTER 11 | |
| | | 288+83.53 TO 289+32.09 | RT | 14921 | | | | 0.010 | | | | | BL D / BUS SHELTER 12 | |
| | | 293+44.91 TO 293+77.37 | LT | 15456 | | | | 0.010 | | | | | BL D / BUS SHELTER 13 | |
| | | 293+46.38 TO 293+77.61 | RT | 15444 | | | | 0.011 | | | | | | |
| | | 294+18.16 TO 294+43.72 | LT | 15144 | | | | 0.008 | | | | | | |
| | | 294+28.74 TO 294.49.74 | RT | 15467 | | | | 0.005 | | | | | | |
| | | 428+58.11 TO 429+14.39 | RT | 15438 | | | | 0.026 | | | | | BL E / BUS SHELTER 14 | |
| | | 131+18.18 TO 131+44.24 | LT | 15440 | | | | 0.004 | | | | | BL E / BUS SHELTER 15 | |
| | | 131+64.11 TO 132+44.24 | LT | 15439 | | | | 0.023 | | | | | | |
| | | 134+82.00 TO 135+20.00 | RT | 15441 | | | | 0.006 | | | | | BL E / BUS SHELTER 16 | |
| | | 145+11.44 TO 145+36.44 | RT | 20089 | | | | 0.004 | | | | | BL E / BUS SHELTER 17 | |
| 0110 4 10 | REMOVAL OF EXISTING CONCRETE | 443+80.32 TO 444+05.32 | RT | 14807 | | | SY | | 19 | | 980 | | BL A / BUS SHELTER 1 | |
| | | 23+16.27 TO 23+56.27 | RT | 14816 | | | | | 23 | | | | BL B / BUS SHELTER 2 | |
| | | 44+95.85 TO 45+20.82 | LT | 20301 | | | | | 21 | | | | BL B / BUS SHELTER 3 | |
| | | 115+59.46 TO 116+96.71 | LT | 24766 | | | | | 44 | | | | BL C / BUS SHELTER 4 | |
| | | 116+66.36 TO 116+81.19 | LT | 14832 | | | | | 9 | | | | | |
| | | 117+11.34 TO 117+12.23 | LT | 14823 | | | | | 3 | | | | | |
| | | 5+04.83 TO 6+91.88 | LT | 14856 | | | | | 245 | | | | BL C / BUS SHELTER 5 | |
| | | 177+53.89 TO 177+78.89 | RT | 14867 | | | | | 14 | | | | BL C / BUS SHELTER 6 | |
| | | 220+57.83 TO 220+89.44 | RT | 14873 | | | | | 17 | | | | BL D / BUS SHELTER 7 | |
| | | 226+34.80 TO 227+78.35 | LT | 14880 | | | | | 115 | | | | BL D / BUS SHELTER 8 | |
| | | 247+47.01 TO 247+72.01 | LT | 14655 | | | | | 24 | | | | BL D / BUS SHELTER 9 | |
| | | 248+90.07 TO 249+20.08 | RT | 20332 | | | | | 37 | | | | BL D / BUS SHELTER 10 | |
| | | 266+49.81 TO 266+79.81 | RT | 14882 | | | | | 22 | | | | BL D / BUS SHELTER 11 | |
| | | 288+83.53 TO 289+32.09 | RT | 14887 | | | | | 19 | | | | BL D / BUS SHELTER 12 | |
| | | 293+44.91 TO 293+77.37 | LT | 14921 | | | | | 39 | | | | BL D / BUS SHELTER 13 | |
| | | 293+46.38 TO 293+77.61 | RT | 14891 | | | | | 45 | | | | | |
| | | 294+18.16 TO 294+43.72 | LT | 14909 | | | | | 25 | | | | | |
| | | 294+28.74 TO 294.49.74 | RT | 14902 | | | | | 19 | | | | | |
| | | 428+58.11 TO 429+14.39 | RT | 24797 | | | | | 127 | | | | BL E / BUS SHELTER 14 | |
| | | 131+18.18 TO 131+44.24 | LT | 14922 | | | | | 19 | | | | BL E / BUS SHELTER 15 | |
| | | 131+64.11 TO 132+44.24 | LT | 14928 | | | | | 54 | | | | | |
| | | 134+82.00 TO 135+20.00 | RT | 14934 | | | | | 21 | | | | BL E / BUS SHELTER 16 | |
| | | 145+11.44 TO 145+36.44 | RT | 20089 | | | | | 19 | | | | BL E / BUS SHELTER 17 | |

| | | | | | | | | |
|--|-------------|---|-------------|--|--|--|------------------------------|---------------------------|
| <p>JEANNELIA LIU, P.E. P.E. LICENSE NUMBER 57565 CALTRAN ENGINEERING GROUP, INC. 790 NW 107 AVENUE, SUITE 200 MIAMI, FLORIDA, 33172 CERTIFICATE OF AUTHORIZATION 29379</p> | | | | <p>STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION</p> | | | <p>SUMMARY OF QUANTITIES</p> | <p>SHEET NO. SQ-6</p> |
| <p>REVISIONS</p> | | <p>ROAD NO. COUNTY FINANCIAL PROJECT ID</p> | | <p>SR 5 BROWARD 429575-2-52-01</p> | | | | |
| DATE | DESCRIPTION | DATE | DESCRIPTION | | | | | |

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

| SUMMARY OF EARTHWORK | | | | | |
|----------------------|--|-------|---|-----------------------|----------------------|
| PAY ITEM NO. | PAY ITEM DESCRIPTION | CY | | DESIGN NOTES | CONSTRUCTION REMARKS |
| | | P | F | | |
| 0120 6 | EMBANKMENT | | | | |
| | US-1 MAINLINE (STA. 428+58.11 TO STA. 429+14.18) | 14.80 | | BL E / BUS SHELTER 14 | |
| | TOTAL EMBANKMENT | 14.80 | | | |
| | | | | | |
| | | | | | |

| SUMMARY OF PAVEMENT | | | | | | | | | | | | | | |
|---------------------|--|------------------------|-------------|---------|---------|--------|-------|------|----------|---|-------|---|-----------------------|----------------------|
| PAY ITEM NO. | PAY ITEM DESCRIPTION | LOCATION | | SIDE | AREA ID | LENGTH | WIDTH | UNIT | QUANTITY | | TOTAL | | DESIGN NOTES | CONSTRUCTION REMARKS |
| | | STA. TO STA. | DESCRIPTION | | | | | | P | F | P | F | | |
| | | | | | | | | | | | | | | |
| 160 4 | TYPE B STABILIZATION | 115+59.59 to 116+98.70 | | LT | 11830 | | | SY | 172.6 | | 285 | | BL C / BUS SHELTER 4 | |
| | | 6+44.48 to 7+06.36 | | LT | 11832 | | | | 74.0 | | | | BL C / BUS SHELTER 5 | |
| | | 131+64.19 to 132+44.33 | | LT | 11837 | | | | 37.9 | | | | BL E / BUS SHELTER 15 | |
| 285711 | OPTIONAL BASE, BASE GROUP 11 | 115+59.59 to 116+98.70 | | LT | 11801 | | | SY | 172.6 | | 285 | | BL C / BUS SHELTER 4 | |
| | | 6+44.48 to 7+06.36 | | LT | 11817 | | | | 74.0 | | | | BL C / BUS SHELTER 5 | |
| | | 131+64.19 to 132+44.33 | | LT | 11792 | | | | 37.9 | | | | BL E / BUS SHELTER 15 | |
| 0327 70 6 | MILLING EXIST ASPH PAVT, 1 1/2" AVG DEPTH | 3+50.00 TO 7+29.00 | | LT / RT | 11495 | | | SY | 3007.8 | | 4390 | | BL C / BUS SHELTER 5 | |
| | | 293+48.00 TO 294+60.00 | | LT / RT | 27332 | | | | 1382.4 | | | | BL D / BUS SHELTER 13 | |
| 0334 1 13 | SUPERPAVE ASPHALTIC CONC, TRAFFIC C | 115+59.59 TO 116+98.70 | | LT | 20644 | | | TN | 9.49 | | 23.9 | | BL C / BUS SHELTER 4 | |
| | | 6+44.48 TO 7+06.36 | | LT | 12223 | | | | 12.35 | | | | BL C / BUS SHELTER 5 | |
| | | 131+64.19 TO 132+44.33 | | LT | 12198 | | | | 2.08 | | | | BL E / BUS SHELTER 15 | |
| 0337 7 83 | ASPHALT CONCRETE FRICTION COURSE, TRAFFIC C, FC-12.5, PG 76-22 | 115+59.59 TO 116+98.70 | | LT | 12610 | | | TN | 14.24 | | 385.3 | | BL C / BUS SHELTER 4 | |
| | | 3+50.00 TO 7+29.00 | | LT / RT | 11385 | | | | 253.85 | | | | BL C / BUS SHELTER 5 | |
| | | 293+48.00 TO 294+60.00 | | LT / RT | 27272 | | | | 114.05 | | | | BL D / BUS SHELTER 13 | |
| | | 131+64.19 TO 132+44.33 | | LT | 12601 | | | | 3.12 | | | | BL E / BUS SHELTER 15 | |

| <table border="1"> <thead> <tr> <th colspan="4">REVISIONS</th> </tr> <tr> <th>DATE</th> <th>DESCRIPTION</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table> | | | | REVISIONS | | | | DATE | DESCRIPTION | DATE | DESCRIPTION | | | | | JEANNELIA LIU, P.E. P.E. LICENSE NUMBER 57565 CALTRAN ENGINEERING GROUP, INC. 790 NW 107 AVENUE, SUITE 200 MIAMI, FLORIDA, 33172 CERTIFICATE OF AUTHORIZATION 29379 | | | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | SUMMARY OF QUANTITIES | | SHEET NO. |
|---|-------------|--------|----------------------|-----------|------|---------|----------------|------|-------------|------|-------------|--|--|--|--|--|--|--|--|--|--|-----------------------|--|-----------|
| REVISIONS | | | | | | | | | | | | | | | | | | | | | | | | |
| DATE | DESCRIPTION | DATE | DESCRIPTION | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| ROAD NO. | | COUNTY | FINANCIAL PROJECT ID | | SR 5 | BROWARD | 429575-2-52-01 | SQ-7 | | | | | | | | | | | | | | | | |
| reja-pc 4/10/2018 10:36:38 AM W:\e\Projects\42957525201\roadway\SUMORD01.DGN | | | | | | | | | | | | | | | | | | | | | | | | |

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

SUMMARY OF SIDEWALK & DETECTABLE WARNINGS

| LOCATION STA. TO STA. | SIDE | AREA ID | LENGTH | WIDTH | CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK | | BUS SHELTER PAD - CONCRETE | | DETECTABLE WARNINGS | | DESIGN NOTES | CONSTRUCTION REMARKS |
|--------------------------|------|---------|--------|-------|---|--|----------------------------|------|---------------------|--|-----------------------|----------------------|
| | | | | | 0522 2 | | 0522 4 | | 0527 2 | | | |
| | | | | | SY | | SY | | SF | | | |
| P | F | P | F | P | F | | | | | | | |
| 5+04.83 TO 5+46.08 | LT | 9109 | | | 49.1 | | | | | | BL C / BUS SHELTER 5 | |
| 5+14.65 TO 5+80.44 | LT | 9230 | | | 52.9 | | | | | | | |
| 6+29.10 TO 6+78.27 | LT | 9228 | | | 35.3 | | | | | | | |
| 6+34.83 TO 7+04.95 | LT | 9259 | | | 87.5 | | | | | | | |
| 23+16.27 TO 23+36.31 | RT | 9085 | | | 17.8 | | | | | | BL B / BUS SHELTER 2 | |
| 116+62.52 TO 116+94.83 | LT | 9134 | | | 32.3 | | | | | | BL C / BUS SHELTER 4 | |
| 116+66.36 TO 116+81.19 | LT | 9232 | | | 7.7 | | | | | | | |
| 117+14.06 TO 117+18.48 | LT | 24667 | | | 1.8 | | | | | | | |
| 226+36.81 TO 227+78.35 | LT | 9155 | | | 180.1 | | | | | | BL D / BUS SHELTER 8 | |
| 293+44.91 TO 293+77.37 | LT | 9215 | | | 36.7 | | | | | | BL D / BUS SHELTER 13 | |
| 293+46.38 TO 293+77.61 | RT | 9175 | | | 43.4 | | | | | | | |
| 294+18.16 TO 294+43.72 | LT | 9217 | | | 30.1 | | | | | | | |
| 294+28.78 TO 294+49.78 | RT | 9199 | | | 18.3 | | | | | | | |
| 443+80.34 TO 444+05.32 | RT | 9246 | | | 30.5 | | | | | | BL A / BUS SHELTER 1 | |
| 131+64.19 TO 132+44.31 | LT | 9210 | | | 51.7 | | | | | | BL E / BUS SHELTER 15 | |
| 5+46.02 TO 6+34.83 | LT | 9563 | | | | | 325.5 | | | | BL C / BUS SHELTER 5 | |
| 23+36.29 TO 23+56.29 | RT | 21175 | | | | | 93.0 | | | | BL B / BUS SHELTER 2 | |
| 44+95.82 TO 45+20.82 | LT | 21176 | | | | | 63.3 | | | | BL B / BUS SHELTER 3 | |
| 220+57.77 TO 220+82.83 | RT | 21277 | | | | | 73.5 | | | | BL D / BUS SHELTER 7 | |
| 226+61.81 TO 226+86.81 | LT | 21178 | | | | | 74.1 | | | | BL D / BUS SHELTER 8 | |
| 247+47.02 TO 247+72.02 | LT | 9480 | | | | | 71.1 | | | | BL D / BUS SHELTER 9 | |
| 248+80.08 TO 249+20.08 | RT | 21179 | | | | | 113.1 | | | | BL D / BUS SHELTER 10 | |
| 266+49.86 TO 266+89.81 | RT | 21180 | | | | | 112.2 | | | | BL D / BUS SHELTER 11 | |
| 288+92.10 TO 289+32.08 | RT | 21181 | | | | | 125.1 | | | | BL D / BUS SHELTER 12 | |
| 295+29.09 TO 295+54.09 | RT | 21182 | | | | | 71.4 | | | | BL D / BUS SHELTER 13 | |
| 428+67.25 TO 429+05.05 | RT | 23218 | | | | | 142.5 | | | | BL E / BUS SHELTER 14 | |
| 443+88.88 TO 444+02.88 | RT | 9340 | | | | | 37.2 | | | | BL A / BUS SHELTER 1 | |
| 115+96.21 TO 116+67.09 | LT | 9569 | | | | | 410.1 | | | | BL C / BUS SHELTER 4 | |
| 131+18.15 TO 132+43.18 | LT | 6498 | | | | | 113.7 | | | | BL E / BUS SHELTER 15 | |
| 134+82.00 TO 135+20.00 | RT | 24735 | | | | | 85.5 | | | | BL E / BUS SHELTER 16 | |
| 145+11.44 TO 145+36.44 | RT | 24741 | | | | | 56.4 | | | | BL E / BUS SHELTER 17 | |
| 177+53.89 TO 177+78.89 | RT | 21177 | | | | | 66.6 | | | | BL C / BUS SHELTER 6 | |
| 5+32.96 TO 5+38.34 | LT | 7687 | | | | | | 10.8 | | | BL C / BUS SHELTER 5 | |
| 5+33.64 TO 5+39.02 | LT | 7682 | | | | | | 10.8 | | | | |
| 6+41.81 TO 6+46.81 | LT | 7697 | | | | | | 10.0 | | | | |
| 6+41.81 TO 6+46.81 | LT | 7692 | | | | | | 10.0 | | | | |
| 6+97.25 TO 7+01.56 | LT | 7702 | | | | | | 8.4 | | | | |
| 226+37.31 TO 226+43.26 | LT | 7745 | | | | | | 18.9 | | | BL D / BUS SHELTER 8 | |
| 293+51.91 TO 293+55.91 | LT | 7750 | | | | | | 8.0 | | | BL D / BUS SHELTER 13 | |
| 293+53.38 TO 293+57.38 | RT | 7765 | | | | | | 8.0 | | | | |
| 293+75.53 TO 293+77.56 | RT | 7770 | | | | | | 8.0 | | | | |
| 294+18.19 TO 294+20.21 | LT | 7755 | | | | | | 8.0 | | | | |
| 294+32.72 TO 294+36.73 | LT | 7760 | | | | | | 8.0 | | | | |
| 294+34.76 TO 294+38.77 | RT | 7775 | | | | | | 8.0 | | | | |
| 116+65.00 TO 116+88.00 | LT | 7709 | | | | | | 7.7 | | | BL C / BUS SHELTER 4 | |
| 116+67.00 TO 116+88.90 | LT | 7723 | | | | | | 10.6 | | | | |
| 116+85.00 TO 116+90.00 | LT | 7732 | | | | | | 8.0 | | | | |
| 117+08.00 TO 117+10.00 | LT | 7716 | | | | | | 8.6 | | | | |
| SUB-TOTAL: | | | | | 675.2 | | 2034.3 | | 151.8 | | | |
| TOTAL: | | | | | 675 | | 2034 | | 152 | | | |

| | | | | | | | | | |
|-----------|-------------|------|-------------|--|--|---------|----------------------|------------------------------|-----------|
| REVISIONS | | | | JEANNELIA LIU, P.E. P.E. LICENSE NUMBER 57565 CALTRAN ENGINEERING GROUP, INC. 790 NW 107 AVENUE, SUITE 200 MIAMI, FLORIDA, 33172 CERTIFICATE OF AUTHORIZATION 29379 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | SUMMARY OF QUANTITIES | SHEET NO. |
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | SQ-9 |
| | | | | | SR 5 | BROWARD | 429575-2-52-01 | | |

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