

INVITATION TO BID

Village of Palmetto Bay
9705 East Hibiscus Street
Palmetto Bay, Florida 33157



TITLE:

Safe Route to School (SRTS) Infrastructure Priority 3 - Coral Reef, Howard Drive and Perrine Elementary Schools

ITB NO.:

2022-11-007

DUE DATE:

Wednesday, June 15, 2022

(3:00 PM Local Time)

ISSUED:

Tuesday, May 10, 2022

PROJECT INFORMATION:

Federal Aid Project No.: D618-085-B
F.A.P. No. (Construction): 438160-1-58-01
Financial Management No.: G1968
Contract Number: 2022-11-007

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The attachments listed in the table of contents are by this reference hereby incorporated into and made a part of this ITB as though fully set forth herein.

SECTION 01: INSTRUCTIONS TO BIDDERS

IT IS THE RESPONSIBILITY OF THE PROPOSER TO ENSURE THAT THE BID REACHES THE VILLAGE OF PALMETTO BAY OFFICE OF THE VILLAGE CLERK ON OR BEFORE THE CLOSING HOUR AND DATE STATED ON THE INVITATION TO BID FORM.

1.1 AD SOLICITATION

SAFE ROUTE TO SCHOOL (SRTS) INFRASTRUCTURE PRIORITY 3 - CORAL REEF, HOWARD DRIVE, PERRINE ELEMENTARY SCHOOLS ITB #2022-11-007

The Village of Palmetto Bay, Florida is soliciting bids from FDOT pre-qualified proposers under Rule 14-22 of the F.A.C. for the Primary contractor the following work types are required; Grading (minor), Portland Cement Concrete (major & Prime), Flexible Paving (major & Prime), Hot Plant-Mix Bituminous Courses (major & Prime), and Traffic Signal (minor) to provide construction improvements for the Village of Palmetto Bay *SAFE ROUTE TO SCHOOL (SRTS) INFRASTRUCTURE PRIORITY 3 - CORAL REEF, HOWARD DRIVE AND PERRINE ELEMENTARY SCHOOLS*. **The Village will receive sealed bids no later than 3:00 p.m. on or before Wednesday the 15th day of June, 2022 (late submittals will not be accepted) by the Village Clerk at, 9705 E. Hibiscus Street, Palmetto Bay, Florida 33157, at which time they will be publicly opened and announced.**

A mandatory pre-bid meeting will take place in-person at the Municipal Building, 9705 E. Hibiscus Street, Palmetto Bay, Florida 33157 on Wednesday, June 1, 2022 at 10:00 a.m.; to participate please send an email to lpittser@palmettobay-fl.gov at least five (5) days before the meeting. Further instructions are stated in the proposal document. **The Bid opening will take place on Wednesday, June 15, 2022 at 3 p.m.**

To be considered, all interested parties must request copies of the bid documents and submit one (1) original, two (2) copies and a CD or flash drive containing a copy of the entire original submission in one (1) sealed package clearly marked with the bid title. A bid guaranty in the amount of five percent (5%) of the Bid must accompany each bid in accordance with the Invitation To Bid (ITB). The respondent shall bear all costs associated with the preparation and submission of the response to the bid.

Bid documents may be obtained on or after Tuesday, May 10th, 2022. The bid documents may be obtained by visiting our website www.palmettobay-

fl.gov and under “Business” scroll down and click Bids & ITB’s. If you cannot download the documents please contact Mrs. Litsy C. Pittser, Procurement Division, lpittser@palmettobay-fl.gov.

No bid shall be withdrawn after the opening of the bid without the consent of the Village for a period of sixty (60) days after the scheduled time of opening and reading bids.

The method of bidding is lowest responsible responsive bidder.

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1.2 SCHEDULE OF EVENTS

Below is the current schedule of the remaining events that will take place in the selection process. The **Village of Palmetto Bay** reserves the right to make changes or alterations to the schedule as the **Village of Palmetto Bay** determines is in the best interests of the public. Proposers will be notified sufficiently in advance of any changes or alterations in the schedule. Unless otherwise notified in writing by the **Village of Palmetto Bay**, the dates indicated below for submission of items or for other actions on the part of a Proposer shall constitute absolute deadlines for those activities and failure to fully comply by the time stated shall cause a Proposer to be disqualified.

SOLICITATION

Date	Event
Tuesday, May 10, 2022	Release of Solicitation
Wednesday, June 1, 2022	****Mandatory pre-bid meeting at 10:00 a.m. local time in-person at Village Hall, 9705 E. Hibiscus St., Palmetto Bay 33157.
Thursday, June 9, 2022	Final deadline for submission of questions/information
Wednesday, June 15, 2022	Bid Opening at 3:00pm Local Time, Village of Palmetto Bay, Village Hall, 9705 E. Hibiscus St, Palmetto Bay 33157
Monday, July 11, 2022	Anticipated Award Date
Wednesday, August 3, 2022	Anticipated Execution Date
August 2022 to September 2022	Period to obtain permits (2 months)
September/October 2022	Construction to begin
Friday, December 2, 2022	Project to be completed – Date to be changed pending request for project extension from FDOT.

CONSTRUCTION

- **The Village of Palmetto Bay reserves the right to modify any of the dates/times listed above.**

1.3 PURPOSE

1.3.1 The Village of Palmetto Bay (VILLAGE) intends to secure a source of services/supply (s) that will provide the best value to the VILLAGE. The VILLAGE reserves the right to award the contract to the lowest responsible responsive bidder.

1.4 BID PROCEDURE

1.4.1 PROPOSER's shall use the Bid Form(s) furnished by the VILLAGE. Failure to do so may cause the Bid to be rejected. Removal of any of the Bid may invalidate the Bid. PROPOSER shall deliver to the VILLAGE, as Bid package:

1. This entire project manual, with all sections executed.
2. A copy of all issued addendum(s)
3. One (1) Original and two (2) Copies plus a CD or Flash Drive with electronic file of the Bid Form completely executed
4. Bid Security, (Bid Bond or cashier's check) attached to the front inside cover of the project manual
5. Certificates of Competencies
6. Certificate Of Insurance and or Letter of Insurability
7. Schedule of Value (Bid Form)

The entire Bid Package shall be placed in an opaque envelope and clearly marked with the PROPOSER's name and address.

1.4.2 Bids having an erasure or corrections must be initialed by the PROPOSER in ink. Bids shall be signed in ink; all quotations shall be typewritten or printed and filled in with ink.

- 1.4.3 Any questions concerning the Bid Specifications or any required need for clarification must be made to the Village of Palmetto Procurement Specialist in writing, at least five (5) days prior to the date of the Bid opening. Interpretations or clarifications considered necessary by consultant in response to such questions will be issued by an addenda mailed or delivered to all parties listed on the official PROPOSER's list as having received the bidding documents. Only questions answered by written addenda shall be binding. Oral interpretations or clarifications shall be without legal effect. No plea of ignorance or delay or required need of additional information shall exempt a PROPOSER from submitting their Bid on the required date and time as publicly noted.
- 1.4.4 PROPOSER warrants that the prices, terms, and conditions quoted in the Bid will be firm for a period of 120 days from the date of the Bid opening unless otherwise stated in the Bid Form. Incomplete, unresponsive, irresponsible, vague, or ambiguous responses to the invitations to Bid will be cause for rejection, as determined by the VILLAGE.
- 1.4.5 Guaranties: no guarantee or warranty is given or implied by the VILLAGE as to the total amount that may or may not be purchased from any resulting Contract or Award. These quantities are for bidding purposes only and will be used for tabulation and presentation of the Bid. The VILLAGE reserves the right to reasonably increase or decrease quantities as required. The prices offered herein, and the percentage rate of discount applies to other representative items not listed in this Bid.

1.5 BID SECURITY

- 1.5.1 **Bonding Requirements:** The PROPOSER, in submitting this Bid, must include a 5% Bid Bond for the amount of the base Bid. Such bond may be in the form of a cashier's check or approved Bid Bond in the amount of 5% of the total amount of the base Bid. A company or personal check shall not be deemed a valid Bid Security.

1.6 AWARD OF CONTRACT

- 1.6.1 **Award of Bids:** the VILLAGE reserves the right to accept or reject any and / or all bids or parts of bids to waive any informality, irregularities or technicalities to re-advertise for bids, or take any other actions that may be deemed necessary. The VILLAGE also reserves the right to waive minor variations to the specifications (interpretation of such to be made by the applicable department personnel). Final determination and award of Bid(s) shall be made by the Village Council. In addition, each Proposer agrees to waive any claim it has or may have against the VILLAGE, the CONSULTANT, and the respective employees, arising out of or in connection with the administration, evaluation, or recommendation of any bid and Award of Contract.
- 1.6.2 **Evaluation of Bids:** the VILLAGE reserves the right to inspect any / all PROPOSER's facilities to determine their capability of meeting the requirements for the Contract. Also, price, responsibility, and responsiveness of the PROPOSER, experience, staffing, equipment, materials, references, and past history of service to the VILLAGE and / or with other units of

state, and / or local governments, or comparable private entities, will be taken into consideration in the Award of the Contract.

- 1.6.3 **Hold Harmless:** The PROPOSER, in submitting this Bid, must include a 5% Bid Bond for the amount of the base Bid. Such bond may be in the form of a cashier's check or approved Bid Bond in the amount of 5% of the total amount of the base Bid. A company or personal check shall not be deemed a valid Bid Security.

1.7 POST BID INFORMATION

- 1.7.1 **Protest Procedures:** A contract may not be awarded to the Bidder, unless the bid tabulation is posted at Village of Palmetto Bay Municipal Center, 9705 E. Hibiscus Street, Palmetto Bay, Florida, ten (10) days prior to award of contract. With respect to a protest of the terms, conditions, and specifications contained in a solicitation (RFP, RFQ, ITB, ISQ, or Bid), including any provisions governing the methods for ranking bids, proposals, or replies, awarding contracts, or modifying or amending any contract, the notice of protest must be submitted in writing to the Village Manager or his designee no later than ten (10) days prior to scheduled award by the Village Council. Should the matter not be resolved to the satisfaction of the Bidder, the appeal shall be heard by the Village Council. The Village Manager or his designee shall act as the Village's representative, in issuance and administration of all contracts, and shall issue and receive all documents, notices, and all correspondence. Any documentation not issued by or received by the Village Manager or his designee shall be null and void. All costs accruing from a Bid or award challenged as quality, etc. (test, etc.) shall be assumed by the challenger. The decision of the Village Council shall be final and conclusive. Their decision shall be binding on all parties concerned, reviewable by a court of competent jurisdiction in Miami-Dade County, in accordance with laws of the State of Florida.

The notice of decision to award an RFP, RFQ, ITB or bid will be posted on the Village of Palmetto Bay's website as part of the agenda for the Village Council meeting held the first Monday of each month or any duly established special Village Council meeting.

The official posting of this notice will be at the beginning of the Council meeting where said decision will be voted upon by the Village Council. Any person who is adversely affected by the VILLAGE's decision shall file with the VILLAGE a notice of intent to protest in writing within 5 days after the posting of the notice of decision.

The formal written protest shall be filed with 10 days after the date the notice of intent to protest is filed. Failure to file a notice of protest or failure to file a formal written protest within the time prescribed in section 120.57 (3), Florida Statutes, or failure to post the bond or other security required by law within the time allowed or filing a bond shall constitute a waiver of proceeding under chapter 120, Florida Statutes, see Chapter 18, section 18.6.3 B ii. The formal written protest shall state with particularity the facts and law upon which the protest is based. Saturdays, Sundays, and state holidays shall be excluded in the computation of the ten (10) day periods provided by this paragraph.

Complete provisions of the above can be found in section 120.57(3), Florida Statutes.

- 1.7.2 **Cancellation:** failure on the part of the PROPOSER to comply with the conditions, specifications, requirements, and terms as determined by the VILLAGE, shall be just cause for cancellation of the Award.
- 1.7.3 **Disputes:** if any dispute concerning a question of fact arises under the Contract, other than termination for default or convenience, the CONTRACTOR and the VILLAGE department responsible for the administration of the Contract shall make a good faith effort to resolve the dispute. If the dispute cannot be resolved by agreement, then the department with the advice of the Village Attorney shall resolve the dispute and send a written copy of its decision to the CONTRACTOR, which shall be binding on both parties.
- 1.7.4 **Default Provision:** in case of default by the PROPOSER or CONTRACTOR, the VILLAGE procures the articles or services from other sources and hold the PROPOSER or CONTRACTOR responsible for any excess costs occasioned or incurred thereby.
- 1.7.5 **Indemnification:** To the extent provided by law, the CONTRACTOR shall indemnify, defend, and hold harmless the VILLAGE and the State of Florida, Department of Transportation, including the Department's officers, agents, and employees, against any actions. Claims or damages arising out of, relating to, or resulting from negligent or wrongful act(s) of the CONTRACTOR, or any of its officers, agents, or employees, acting within the scope of their office or employment, in connection with the rights granted to or exercised by the CONTRACTOR hereunder to the extent and within the limitations of Section 768.28, Florida Statutes.

The foregoing indemnification shall not constitute a waiver of sovereign immunity beyond the limits set forth in Florida Statutes, Section 768.28. Nor shall the same be construed to constitute agreement by the Contractor to indemnify the VILLAGE for the negligent acts or omissions of the VILLAGE, its officers, agents, or employees, or third parties. Nor shall the same be construed to constitute agreement by the CONTRACTOR to indemnify the Department for the negligent acts or omissions of the Department, its officers, agents, or employees, or third parties. This indemnification shall survive the termination of this Agreement.

- 1.7.6 **Assignment:** the CONTRACTOR shall not transfer or assign the performance required by this Bid without prior written consent of the Village Manager. Any award issued pursuant to the Invitation to Bid and monies which may be due hereunder are not assignable except with prior written approval of the Village Manager. Further, in the event that the majority ownership or control of the CONTRACTOR changes hands subsequent to the award of this contract, CONTRACTOR shall promptly notify VILLAGE in writing of such change in ownership or control at least thirty (30) days prior to such change and VILLAGE shall have the right to terminate the contract upon sixty (60) days written notice, at VILLAGE's sole discretion.

1.8 LIABILITY AND INSURANCE

- 1.8.1 Liability, Insurance, Licenses & Permits: where PROPOSER's are required to enter onto VILLAGE property to deliver materials or to perform work or services as a result of a Bid award, the PROPOSER will assume the full duty, obligation, and expense of obtaining all necessary licenses, permits, inspections, and insurance required. The PROPOSER shall be liable for any damages or loss to the VILLAGE occasioned by negligence of the PROPOSER (or their agent) or any person the PROPOSER has designated in the completion of their contract as a result of the Bid. CONTRACTOR shall be required to furnish a certified copy of all licenses, certificates of competency or other licensor requirements necessary to practice their profession as required by Florida State Statute, Florida Building Code, Miami-Dade County Code, or Village of Palmetto Bay Code. CONTRACTORS shall include current Miami-Dade County Certificates of Competency. These documents shall be furnished to the VILLAGE along with the Bid response. Failure to furnish these documents or to have required licensor will be grounds for rejecting the Bid and forfeiture of the Bid Bond.
- 1.8.2 PROPOSER shall furnish to the Procurement Specialist, Village of Palmetto Bay, 9705 E. Hibiscus Street., Palmetto Bay, Florida 33157, certificate(s) of insurance which indicate that insurance coverage has been obtained from an insurance company authorized to do business in the State of Florida or otherwise secured in a manner satisfactory to the VILLAGE , for those coverage types and amounts equal to 100% of the requirements and shall be presented to the VILLAGE prior to issuance of any Contract(s) or Award(s) Document(s). The Village of Palmetto Bay and Florida Department of Transportation (FDOT) shall be named as "additional insured" with respect to this coverage.
- 1.8.3 At the time of Bid submission the PROPOSER must submit certificates of insurance, or evidence of insurability in the form of a letter from PROPOSER's insurance carriers demonstrating the ability to obtain coverage outlined in Article 5 of the General Conditions. All required insurances shall name the Village of Palmetto Bay and FDOT as additional insured.
- 1.8.4 All insurance shall be issued by companies rated A: 7 or better per A.M. Best's Key Rating Guide, latest edition and authorized to issue insurance in the State of Florida. It shall be the responsibility of the PROPOSER and insurer to notify the finance support services director of the VILLAGE of cancellation, lapse, or material modification of any insurance policies insuring the PROPOSER, which relate to the activities of such vendor and the Village of Palmetto Bay. Such notification shall be in writing and shall be submitted to the Village Finance Director thirty (30) days prior to cancellation of such policies. This requirement shall be reflected on the certificate of insurance.

- 1.8.5 Failure to fully and satisfactorily comply with the VILLAGE's insurance and bonding requirements set forth herein will authorize the Village Manager to implement a rescission of the Bid award without further Village Council action. The PROPOSER hereby holds the VILLAGE harmless and agrees to indemnify VILLAGE and covenants not to sue the VILLAGE by virtue of such rescission.
- 1.8.6 The PROPOSER shall secure and maintain throughout the duration of this agreement and any project agreement, insurance of such type and in such amounts necessary to protect its interest and the interest of the Village against hazards or risks of loss as specified below. The insurance coverage shall include a minimum of:
- A. Professional Liability Insurance in the amount of \$1,000,000.00 with deductible per claim, if any, not to exceed 5% of the limit of liability providing for all sums which the PROPOSER shall become legally obligated to pay as damages for claims arising out of the services performed by the PROPOSER or any person employed by him/her in connection with this agreement. This insurance shall be maintained for three (3) years after completion of the construction and acceptance of any project covered by this agreement. However, the PROPOSER may purchase Specific Project Professional Liability Insurance which is also acceptable.
- B. Comprehensive general liability insurance with broad form endorsement, including automotive liability, completed operations and products liability, contractual liability, severability of interest with cross liability and property damage liability with limits of \$1,000,000.00 combined single limit per occurrence for bodily injury and property damage. The policy or policies shall name Village and FDOT as additional insured and shall reflect the hold harmless provision contained herein. Coverage must be afforded in a form not more restrictive than the latest edition of the Commercial General Liability Policy without restrictive endorsements, as filed by the Insurance Services Office, and must include: (1) Premises and/or Operations; (2) Independent contractors and Products and/or completed Operations; (3) Broad Form Property Damage, Personal Injury and a Contractual Liability Endorsement, including any hold harmless and/or indemnification agreement.
- C. Workers' Compensation Insurance in compliance with Chapter 440, Florida Statutes, as presently written or hereafter amended, and applicable federal law. The policies must include Employer's Liability with minimum limits of \$500,000 per accident.
- 1.8.7 The policies shall contain waiver of subrogation against the Village where applicable and shall expressly provide that the policy or policies are primary over any other insurance that the Village may have. The Village reserves the right to request a copy of the required policies for review. All policies shall contain a "severability of interest" or "cross liability" clause without obligation for premium payment to the Village.
- 1.8.8 The PROPOSER shall furnish certificates of insurance to the Village prior to the commencement of operations. The certificates shall clearly indicate that the PROPOSER has obtained insurance in the type, amount, and classification as required for strict compliance with this paragraph and that no reduction in limits by endorsement during the policy term, or

cancellation of this insurance shall be effective without 30 days prior written notice to the Village.

- 1.8.9 The Village is to be specifically included as an additional insured for the liability of the Village resulting from operations performed by or on behalf of PROPOSER in performance of this or any project agreement. PROPOSER's insurance, including that applicable to the Village and FDOT as an additional insured, shall apply on a primary basis and any other insurance maintained by the Village shall be in excess of and shall not contribute to PROPOSER's insurance. PROPOSER's insurance shall contain a severability of interest provision providing that, except with respect to the total limits of liability, the insurance shall apply to each insured or additional insured in the same manner as if separate policies has been issued to each.
- 1.8.10 Prior to the execution of this agreement, PROPOSER shall provide the Village manager with evidence of insurability from the PROPOSER's insurance carrier or a certificate of insurance. Prior to execution of any project agreement, the PROPOSER shall provide to the Village Manager, certificates of insurance evidencing the required insurance coverage. The certificates of insurance shall not only name the types of policy(ies) provided, but also shall refer specifically to this and any project agreement and shall state that such insurance is as required by the and any project agreement. The Village reserves the right to require the PROPOSER to provide a certified copy of such policies, upon written request by the Village. If a policy is due to expire prior to the completion of the services, renewal certificates of insurance or policies shall be furnished 30 days prior to the date of their policy expiration. Each policy certificate shall be endorsed with a provision that not less than 30 days' written notice shall be provided to the Village before any policy or coverage is cancelled or restricted. Acceptance of the certificate(s) is subject to approval of the Village Manager.
- 1.8.11 Compliance with the foregoing requirements shall not relieve the PROPOSER of its liability and obligations under any awarded agreement.
- 1.8.12 All deductibles retentions must be declared to and be approved by the Village manager. The PROPOSER shall be responsible for the payment of any deductible retentions in the event of any claim. The Village Manager may require the PROPOSER, as a condition of execution of a particular project agreement, to provide a bond or other monetary consideration to cover the Proposers' deductible for professional liability insurance.

1.9 CONTRACT BONDS

- 1.9.1 **Bid Guaranty:** The successful PROPOSER shall execute the Contract (Agreement) and provide the required Certificates of Insurance within ten (10) calendar days of notification of the award by the VILLAGE. Bond forms are found on pages 149-159.

The PROPOSER who has the Contract awarded to them and who fails to execute the Contract and furnish the Insurance Certificates within the specified time shall forfeit the Bid Security that accompanied their Bid, and the Bid Security shall be retained as liquidated damages by the VILLAGE, and it is agreed that this sum is a fair estimate of the amount of damages the VILLAGE will sustain in case the PROPOSER fails to enter into the Contract as herein before provided. Bid Security deposited in the form of a cashier's check drawn on a local bank in good standing shall be subject to the same requirements as a Bid Bond.

1.10 MATERIAL USE, PRICING, AND DELIVERY

- 1.10.1 **Material:** material(s) delivered to the VILLAGE under this proposal shall remain the property of the seller until accepted to the satisfaction of the VILLAGE. In the event materials supplied to VILLAGE are found to be defective or do not conform to specifications, the VILLAGE reserves the right to return the product (s) to the seller at the sellers' expense.
- 1.10.2 **Brand Names:** products identified by their brand or trade name are not to be specified without an "or equal" phrase, and, if trade names are used, all, or at least a reasonable number of acceptable "equal" materials or products should be listed. The VILLAGE shall be the sole judge concerning the merits of items Bid as equals.
- 1.10.3 **Samples:** samples of items, when required, must be furnished by the PROPOSER free of charge to the VILLAGE. Each individual sample must be labeled with the PROPOSER's name and manufacturer's brand name and delivered by them within ten (10) calendar days of the Bid opening unless schedule indicates a different time. If samples are requested subsequent to the Bid opening, they should be delivered within ten (10) calendar days of the request. The VILLAGE will not be responsible for returning samples.
- 1.10.4 **Warranty / Guaranty:** successful PROPOSER shall act as agent for the VILLAGE in the follow-up and compliance of all items under Warranty / Guarantee and complete all forms for Warranty / Guarantee coverage under this Contract. PROPOSER warrants by signature on the Bid Form that prices quoted here are in conformity with the latest Federal Price Guidelines.
- 1.10.5 **Governmental Restrictions:** in the event any governmental restrictions may be imposed which would necessitate alteration of the material quality, workmanship, or performance of the items offered on this Bid prior to their delivery, it shall be the responsibility of the successful PROPOSER to notify the VILLAGE at once, indicating in their letter the specific regulation which required an alteration. The VILLAGE reserves the right to accept any

such alteration, including any price adjustments occasioned thereby, or to cancel at no further expense to the VILLAGE.

- 1.10.6 **Copyrights and / or Patent Rights:** PROPOSER warrants that there has been no violation of copyrights or patent rights in manufacturing, producing or selling of goods shipped or ordered, as a result of this Bid. The seller agrees to indemnify VILLAGE from any and all liability, loss, or expense occasioned by any such violation.
- 1.10.7 **Safety Standards:** the PROPOSER warrants that the product(s) supplied to the VILLAGE conforms in all respects to the standards set forth in the Occupational Safety and Health Act (OSHA) and its amendments. Bids must be accompanied by a materials data safety sheet (M.S.D.S.) when applicable.
- 1.10.8 **Pricing:** prices should be stated in units of quantity specified in the Bid Form. In case of a discrepancy, the VILLAGE reserves the right to make the final determination at the lowest net cost to the VILLAGE.
- 1.10.9 **Taxes:** PROPOSER shall include all applicable taxes in Bid.
- 1.10.10 **Delivery:** all items shall be delivered freight on board (f.o.b.) destination (i.e. at a specific Village of Palmetto Bay address), and delivery costs and charges (if any) shall be included in the Bid Price. Exceptions shall be noted. When practical, the VILLAGE may make pick-ups at the vendors' place of business.
- 1.10.11 **Mistake:** if there is a discrepancy in the parts calculated by lump sum, the part(s) will prevail, and the extensions adjusted to coincide. PROPOSER's are responsible for checking their calculations. Failure to do so will be at the PROPOSER's risk, and errors will not release the PROPOSER from their responsibility as noted herein.
- 1.10.12 **Payments:** payment will be made after commodities/services have been received, accepted, and properly invoiced as indicated in the contract and/or purchase order. Invoices must bear the purchase order number. Payments will be made in a lump sum to contractors upon receipt of invoice.
- 1.10.13 **Non-conformance to Contract:** the VILLAGE may withhold acceptance of, or reject items which are found upon examination, not to meet the specification requirements. Upon written notification of rejection, items shall be removed within five (5) calendar days by the vendor at their own expense and redelivered at their expense. Rejected goods left longer than thirty (30) calendar days will be regarded as abandoned and the VILLAGE shall have the right to dispose of them as its own property. Rejection for non-conformance or failure to meet delivery schedules may result in the CONTRACTOR being found in default.

1.11 CONE OF SILENCE PROVISIONS

1.11.1 Notwithstanding any other provision of these specifications, the provisions of VILLAGE “Cone of Silence” is applicable to this transaction. The “Cone of Silence,” as used herein, means a prohibition on any communication regarding a particular Request for Proposal (RFP), Request for Qualification (RFQ), Invitation To Bid (ITB) or bid, between:

A potential vendor, service provider, Proposer, lobbyist, or consultant, and: the Village Council, VILLAGE’s professional staff including, but not limited to, the Village Manager and his or her staff, any member of the Village’s selection or evaluation committee.

1.11.2 The Cone of Silence shall be imposed upon each RFP, RFQ, ITB and bid after the advertisement of said RFP, RFQ, ITB or bid.

1.11.3 The Cone of Silence shall terminate at the beginning of the Village Council meeting at which time the Village Manager makes his or her written recommendation to the Village Council. However, if the Village Council refers the Manager’s recommendation back to the Manager or staff for further review, the Cone of Silence shall be re-imposed until such time as the Manager makes a subsequent written recommendation.

1.11.4 The Cone of Silence shall not apply to:

- (1) oral communications at pre-bid conferences;
- (2) oral presentations before selection or evaluation committees;
- (3) public presentations made to the Village Council during any duly noticed public meeting;
- (4) communication in writing at any time with any Village employee, unless specifically prohibited by the applicable RFP, RFQ, ITB or bid documents. The proposer or proposer shall file a copy of any written communication with the Village Clerk. The village Clerk shall make copies available to any person upon request;
- (5) communications regarding a particular RFP, RFQ, ITB or bid between a potential vendor, service provider, proposer, Proposer, lobbyist or consultant and the Village’s Purchasing Agent or Village employee designated responsible for administering the procurement process for such RFP, RFQ, ITB or bid, provided the communication is limited strictly to matters of process or procedure already contained in the corresponding solicitation document;
- (6) communications with the Village Attorney and his or her staff;
- (7) duly noticed site visits to determine the competency of bidders regarding a particular bid during the time period between the opening of bids and the time the Village Manager makes his or her written recommendation;
- (8) any emergency procurement of goods or services pursuant to Village Code;
- (9) responses to the VILLAGE S request for clarification or additional information;
- (10) contract negotiations during any duly noticed public meeting;
- (11) communications to enable Village staff to seek and obtain industry comment or perform market research, provided all communications related thereto between a potential vendor, service provider, proposer, Proposer, lobbyist, or consultant and any member of the Village’s professional staff including, but not limited to, the Village Manager and his or her staff are in writing or are made at a duly noticed public meeting.

1.11.5 Please contact the Village Attorney for any questions concerning Cone of Silence compliance - Provided upon request.

1.11.6 Violation of the Cone of Silence by a particular Proposer or proposer shall render any RFP award, RFQ award, ITB award or bid award to said Proposer or proposer voidable by the Village Council and/or Village Manager.

1.12 CAMPAIGN FINANCE RESTRICTIONS ON VENDORS

1.12.1 Pursuant to Village Code, vendors of the VILLAGE are prohibited from in any way providing campaign contributions to Village Council candidates.

1.12.2 Village Code. Prohibited campaign contributions by vendors.

(1) General, prohibition, disqualification, definitions.

a. No vendor shall give, solicit for, deliver or provide a campaign contribution directly or indirectly to a candidate, or to the campaign committee of a candidate, for the Offices of Mayor or Council. Commencing on the effective date of this article, all proposed VILLAGE contracts, as well as requests for proposals (RFP), requests for qualifications (RFQ), invitation to bid (ITB), requests for letters of interest (RFLI), or solicitations of bids issued by the VILLAGE, shall incorporated notice of this section so as to notify potential vendors of the proscription embodied herein.

b. No candidate or campaign committee of a candidate for the Offices of Mayor or Council, shall deposit into such candidate's campaign account any campaign contribution which is received directly or indirectly from a vendor or which such candidate or campaign committee knows or should know was solicited by or for a vendor or delivered or provided for a vendor. Candidates (or those acting on their behalf) shall ensure compliance with this code section by confirming through examination of the official vendor list which is posted on the Village of Palmetto Bay website to verify the vendor status of any potential contributor. A candidate or the campaign committee of a candidate shall not be in violation of this subsection if the vendor was not listed as a vendor in the Village website at the time that the contribution was received or deposited so long as the candidate or the campaign committee of a candidate did not know that the person or entity was a vendor of the VILLAGE.

(c.) Each PROPOSER is placed on notice of the four (4) year prohibition contained in the Village's Charter on lobbying after providing campaign contribution to successful Village Elected official. Village Charter, Section 7.6.

(2) Each prohibited act of giving, soliciting for, delivering or providing a campaign contribution or depositing a campaign contribution in violation of this section shall constitute a separate violation. All contributions deposited into a

candidate's campaign account in violation of this section shall be forfeited to the VILLAGE's general revenue fund.

(3) a. A person or entity, other than an existing vendor, who directly or indirectly makes a campaign contribution to a candidate who is elected to the office of Mayor or Council shall be disqualified for a period of 12 months following the swearing in of the subject elected official from serving as a vendor with the VILLAGE. A then existing vendor who directly or indirectly makes a contribution to a candidate who is elected to the Office of Mayor or Council, shall be disqualified from serving as a vendor with the VILLAGE for a period of 12 months from a final finding of a violation of this section, or from the time of action on a waiver request by the Village Council pursuant to subsection (b) below, in the event that a waiver is sought by the vendor. In the event that such waiver request for a particular transaction is granted, the affected vendor shall nonetheless be disqualified from serving as a vendor with the VILLAGE as to any other goods, equipment or services to be provided by the vendor to the VILLAGE, beyond the vendor goods, equipment or services which are the subject matter of any waiver which is granted. In the event such waiver request is denied for a particular transaction the 12-month disqualification period shall continue to apply to both the particular transaction for which the waiver was sought, as well as all other vendor activities for the provision of goods, equipment or services to the VILLAGE during that 12-month period.

b. For purposes of this section, the term "disqualified" shall be defined to include:

1. Termination of a contributor/vendor's existing contracts with the VILLAGE, subject to the applicable waiver provisions of subsection (b) herein; and
2. Disqualification of a contributor's response to solicitation requests for prospective vendor contracts with the VILLAGE, subject to the applicable waiver of subsection (b) herein.

(4) As used in this section:

a. *Vendor.*

1. A "vendor" is a person and/or entity who has been selected by the VILLAGE as the successful Proposer on a present or pending bid to provide to the VILLAGE goods, equipment or services, or has been approved by the VILLAGE of a present or pending award to provide to the VILLAGE goods, equipment or services, prior to, upon or following execution of a contract, or purchase order.

2. "Vendor" shall include natural persons and/or entities who hold a controlling

financial interest in a vendor entity. The term "controlling financial interest" shall mean the ownership, directly or indirectly, of ten percent or more of the outstanding capital stock in any corporation or a direct or indirect interest of ten percent or more in a firm. The term "firm" shall mean a corporation, partnership, business trust or any legal entity other than a natural person.

3. "Vendor" shall not include Village officers or employees.

4. For purposes of this section, "vendor" status shall terminate upon completion of performance of the agreement for the provision of goods, equipment or service.

b. *Services.* For purposes of this section, the term "services" shall mean the rendering by a vendor through competitive bidding or otherwise, of labor, professional and/or consulting services to the VILLAGE, including, but not limited to, the provision of lobbying services to the VILLAGE.

c. *Campaign contributions.* The term "campaign contribution" shall have the meaning which is ascribed to the term "contributions" pursuant to F.S. § 106.011, as amended.

(b) *Waiver of prohibition.*

(1) *Criteria for waiver.* The requirements of this section may be waived by the affirmative vote of five members of the Village Council for a particular transaction after a public hearing, upon finding that:

a. The goods, equipment or services to be involved in the proposed transaction are unique and the VILLAGE cannot avail itself of such goods, equipment or services without entering into a transaction which would violate this section but for waiver of its requirements; or

b. The business entity involved in the proposed transaction is the sole source of supply as determined by the Village Manager in accordance with procedures established by the Village Manager; or

c. An emergency contract must be made in order to protect the health, safety or welfare of the citizens of the VILLAGE; or

d. A contract for the provision of goods, equipment or services exists which, if terminated by the VILLAGE would be substantially adverse to the best economic interests of the VILLAGE.

(2) *Limited waiver.* Notwithstanding the denial of the Village Council of a waiver request regarding the provision of goods, equipment or services under an existing contract pursuant to subsection (b)a. above, the Village Council, may by the affirmative vote of five members of the Village Council after a public hearing, grant a

limited waiver concerning an existing contract for the provision of goods, equipment or services between a vendor and the VILLAGE upon finding that in order to protect the health, safety and welfare of the citizens of the VILLAGE, it is necessary that the affected contract be continued for a limited duration (not to exceed

a period of six months) in order for the VILLAGE to obtain a replacement vendor.

(3) *Full disclosure.* Any grant of a waiver or limited waiver by the Village Council must first be supported with a full disclosure of the subject campaign contribution.

(c) *Implementation.* The Village Manager is authorized to adopt additional procurement procedures for goods, equipment or services to implement this section. These procedures shall provide for the assembly, maintenance and posting of an official VILLAGE vendor list as referenced above.

(d) *Penalty.* The Ethics Commission created pursuant to Miami-Dade County Ordinance 97-105, shall have primary jurisdiction for enforcement of this section. A finding by the Ethics Commission that a person violated this section, shall subject such person to an admonition or public reprimand and/or a fine of \$250.00 for the first violation, and \$500.00 for each subsequent violation.

(e) *Applicability.* This section shall be applied only prospectively to campaign contributions which are made after the date of this section.

END OF SECTION

SECTION 02: GENERAL CONDITIONS

2.1 ARTICLE I - DEFINITIONS

Wherever used in these General Conditions or in the other Contract Documents, the following terms shall have the meaning indicated which shall be applicable to both the singular and plural thereof:

Acceptance: By the VILLAGE of the Work as being fully complete in accordance with the Contract Documents subject to waiver of claims.

Agreement: The written Agreement between the VILLAGE and the CONTRACTOR covering the Work to be performed, which includes the Contract Documents.

Addenda: Written or graphic instruments issued prior to the Bid Opening which modify or interpret the Contract Documents, Drawings and Specifications, by addition, deletions, clarifications or corrections.

Application for Payment: The form furnished by the VILLAGE which is to be used by the CONTRACTOR in requesting progress payments.

Approved: Means approved by the VILLAGE.

Bid: The offer or proposal of the PROPOSER submitted on the prescribed form setting forth the prices for the Work to be performed.

Proposer: Any person, firm or corporation submitting a Bid for Work.

Bonds: Bid bonds and other instruments of security, furnished by the CONTRACTOR and their surety in accordance with the Contract Documents and in accordance with the law of the State of Florida.

Change Order: A written order to the CONTRACTOR signed by the VILLAGE authorizing an addition, deletion or revision in the Work Order, or an adjustment in the Contract Price or the Contract Time issued after execution of the Agreement.

Contractor's Engineer of Record: A Professional Engineer registered in the State of Florida, other than the Engineer of Record or his subcontracted consultant, who undertakes the design and drawing of components of the permanent structure as part of a redesign or Cost Savings Initiative Proposal, or for repair designs and details of the permanent work. The Contractor's Engineer of Record may also serve as the Specialty Engineer.

The Contractor's Engineer of Record must be an employee of a pre-qualified firm. The firm shall be pre-qualified in accordance with the Rules of the Department of Transportation, Chapter 14-75.

Any Corporation or Partnership offering engineering services must hold a Certificate of Authorization from the Florida Department of Business and Professional Regulation.

As an alternate to being an employee of a pre-qualified firm, the Contractor's Engineer of Record may be a pre-qualified Specialty Engineer. For items of the permanent work declared by the State Construction Office to be "major" or "structural", the work performed by a pre-qualified Specialty Engineer must be checked by another pre-qualified Specialty Engineer. An individual Engineer may become pre-qualified in the work groups listed in the Rules of the Department of Transportation, Chapter 14-75, if the requirements for the Professional Engineer are met for the individual work groups. Pre-qualified Specialty Engineers are listed on the State Construction Website. Pre-qualified Specialty Engineers will not be authorized to perform redesigns or Cost Savings Initiative Proposal designs of items fully detailed in the plans.

Specialty Engineer: A Professional Engineer registered in the State of Florida, other than the Engineer of Record or his subcontracted consultant, who undertakes the design and drawing preparation of components, systems, or installation methods and equipment for specific temporary portions of the project work or for special items of the permanent works not fully detailed in the plans and required to be furnished by the Contractor. The Specialty Engineer may also provide designs and details, repair designs and details, or perform Engineering Analyses for items of the permanent work declared by the State Construction Office to be "minor" or "non-structural".

For items of work not specifically covered by the Rules of the Department of Transportation, a Specialty Engineer is qualified if he has the following qualifications:

(1) Registration as a Professional Engineer in the State of Florida.

(2) The education and experience necessary to perform the submitted design as required by the Florida Department of Business and Professional Regulation.

VILLAGE: Village of Palmetto Bay, 9705 E Hibiscus Street, Palmetto Bay, Florida 33157.

Contract Documents: Contract Documents shall include, Instructions to BIDDERS, CONTRACTOR'S Bid, the Bonds, the Notice of Award, these General Conditions, Special Conditions, the Technical Specifications, Drawings and Modifications, Notice to Proceed, Invitation to Bid, Insurance Certificates, Change Orders, Contractors Agreement and Acknowledgment of Conformance with the Village of Palmetto Bay.

Contract Price: The total moneys payable to the CONTRACTOR under the Contract Documents.

Contract Time: The number of calendar days stated in the Agreement for the completion of the Work.

Contracting Officer: The individual who is authorized to sign the contract documents on behalf of the Village's governing body.

Contractor: The person, firm or corporation with whom the VILLAGE has executed the Agreement.

Consultant: The person, firm or corporation that is an authorized representative of the Village of Palmetto Bay.

Day: A calendar day of twenty-four hours measured from midnight to the next midnight.

Drawings: The drawings which show the character and scope of the Work to be performed and which have been prepared or approved by the CONSULTANT and are referred to in the Contract Documents.

Field Order: A written order issued by the VILLAGE which clarifies or interprets the Contract Documents with minor changes in the Work.

Modification: (a) A written amendment of the Contract Documents signed by both parties, (b) a Change Order, (c) a written clarification or interpretation if issued by the VILLAGE or (d) a written order for minor change or alteration in the Work issued by the VILLAGE. A modification may only be issued after execution of the Agreement.

Notice of Award: The written notice by VILLAGE to the apparent successful PROPOSER stating that upon compliance with the conditions precedent to be fulfilled by him within the time specified, VILLAGE will execute and deliver the Agreement to him.

Notice to Proceed: A written notice given by VILLAGE to CONTRACTOR fixing the date on which the Contract Time will commence to run and on which CONTRACTOR shall start to perform their obligations under the Contract Documents.

Project: The entire Project to be performed as provided in the Contract Documents.

Project Inspector: An authorized representative of the VILLAGE assigned to observe the Work performed and materials furnished by the CONTRACTOR or such other person as may be appointed by the VILLAGE as his representative. The CONTRACTOR shall be notified in writing of the identity of this representative.

Printout: All drawings, diagrams, illustrations, brochures, schedules and other data which are prepared by the CONTRACTOR, a Subcontractor, manufacturer, supplier, or distributor, and which illustrate the equipment, material or some portion of the work and as required by the Contract Documents.

Samples: Physical examples which illustrate materials, equipment or workmanship and establish standards by which the Work will be judged.

Specifications: Those portions of the Contract Documents consisting of written technical descriptions of materials, equipment, construction systems, standards and workmanship as applied to the scope of work.

Subcontractor: An individual, firm or corporation having a direct contract with CONTRACTOR or with any other Subcontractor for the performance of a part of the Work at the site.

Substantial Completion: The date as certified by the VILLAGE when the construction of the Project or a certified part thereof is sufficiently completed, in accordance with the Contract Documents, so that the Project or specified part can be utilized for the purposes for which it was intended; or if there be no such certification, the date when final payment is due.

Supplier: Any person or organization who supplies materials or equipment for the Work, including that fabricated to a special design, but who does not perform labor at the site.

Surety: The corporate body which is bound with the CONTRACTOR and which engages to be responsible for the CONTRACTOR and their acceptable performance of the Work.

Work: Any and all obligations, duties and responsibilities necessary to the successful completion of the scope of work assigned to or undertaken by CONTRACTOR under the Contract Documents, including all labor, materials, equipment and other incidentals, and the furnishing thereof.

Written Notice: The term "Notice" as used herein shall mean and include all written notices, demands, instructions, claims, approvals and disapprovals required to obtain compliance with Contract requirements. Written notice shall be deemed to have been duly served if delivered in person to the individual or to a member of the firm or to an officer of the corporation for whom it is intended, or to an authorized representative or such individual, firm, or corporation, or if delivered at or sent by registered mail to the last business address known to them who gives the notice. Unless otherwise stated in writing, any notice to or demand upon the VILLAGE under this Contract shall be delivered to the VILLAGE.

2.2 ARTICLE 2 - PRELIMINARY MATTERS

2.2.1 Award:

The VILLAGE reserves the right to reject any and all Bids. Bids shall be awarded by the VILLAGE to the PROPOSER that provides the lowest responsible bid; after the VILLAGE performs all necessary searches, inquiries, exploration, and analysis of the bids. No Notice of Award will be given until the VILLAGE has concluded any investigation(s) as they deem necessary to establish the PROPOSER'S capability to perform the services as described in this CONTRACT, as substantiated by the required professional experience, client references, technical knowledge and qualifications; and sufficient labor and equipment to comply with the VILLAGE's established standards, as well as the financial capability of the PROPOSER to perform the Work in accordance with the Contract Documents to the satisfaction of the VILLAGE within the time prescribed. The VILLAGE reserves the right to reject the Bid of any PROPOSER on the basis of these queries and investigations. In analyzing Bids, the VILLAGE will also take into consideration client references, past work experience and work product, proven ability to satisfactorily design and build the Pedestrian Crosswalk Improvements to VILLAGE standards; and alternate and lump sums if requested by the Bid forms. If the Contract is awarded, the VILLAGE will issue the Notice of Award and give the successful PROPOSER a Contract for execution within ninety (90) days after opening of Bids.

2.2.2 Execution of Agreement:

At least three counterparts of the Agreement, the Certificates of Insurance and such other Documents as required by the Contract Documents shall be executed and delivered by CONTRACTOR to the VILLAGE within ten (10) calendar days of receipt of the Notice of Award.

2.2.3 Forfeiture of Bid Security/Performance and Payment Bond:

Within ten (10) calendar days of being notified of the Award, CONTRACTOR shall furnish Insurance Certificates containing all the provisions of insurance stipulated in this document. Failure of the successful PROPOSER to execute and deliver the Agreement and deliver the required Insurance Certificates as stipulated in paragraph 2.2 shall be cause for the VILLAGE to annul the Notice of Award and declare the Bid and any security therefore forfeited.

2.2.4 Contractor's Pre-Start Representation:

CONTRACTOR represents that they have familiarized themselves with, and assumes full responsibility for having familiarized themselves with the nature and extent of the Contract Documents, scope of Work, locality, and with all local conditions and federal, State and local laws, ordinances, rules and regulations that may in any manner affect performance of the Work, and represents that they have correlated their study and observations with the requirements of the Contract Documents.

2.2.5 Commencement of Contract Time:

The Contract Time will commence to run on the date the Agreement is executed and continue to run consecutively for an estimated duration of one-hundred and twenty (120) calendar days under mutual agreement of the Village and the contractor.

2.2.6 Starting the Project:

CONTRACTOR shall start to perform their obligations under the Contract Documents on the date stipulated in the Notice to Proceed (NTP). No Work shall be done at the site prior to the date on which the NTP commences to run, except with the written consent of the VILLAGE. No work will be done on Saturdays or Sundays without written consent of the VILLAGE or after 7 PM unless prior approval is given by the VILLAGE in writing.

2.2.7 Before Starting Contract:

Before undertaking each part of the Work, CONTRACTOR shall carefully study and compare the Contract Documents and check and verify pertinent figures shown thereon and all applicable field **measurements which shall be approximate**. Any modifications to the proposed work, once construction has begun, will be at no cost to the VILLAGE.

2.2.8 Schedule of Completion

2.2.8.1 Within five (5) business days after delivery of the Notice to Proceed, the CONTRACTOR will submit to the VILLAGE, a Schedule defining hours and/or days required to complete each section of work as outlined.

2.2.8.2 Within five (5) business days after delivery of the executed Agreement by VILLAGE to CONTRACTOR, but before starting the Work, a conference will be held to review the above schedules, and provide procedures for processing Applications for Payment, and to establish a working understanding between the parties as to the Project. Present at the conference will be the VILLAGE representative, FDOT, and the CONTRACTOR.

2.2.9 Liquidated damages

2.2.9.1 Upon failure of CONTRACTOR to complete the Work within the time specified for completion, (plus approved extensions if any) liquidated damages are hereby fixed and agreed upon between the parties, recognizing the impossibility of precisely ascertaining the amount of damages that will be sustained by the VILLAGE as a consequence of such delay and both parties desiring to obviate any question of dispute concerning the amount of said damages.

The VILLAGE shall have the right to deduct from and retain out of moneys which may be then due, or which may become due and payable to CONTRACTOR, the amount of such liquidated damages, the CONTRACTOR shall pay in full such liquidated damages.

Applicable liquidated damages are the amounts established in the following schedule:

Original Contract Amount	Daily Charge Per Calendar Day
\$50,000 and under	\$868
Over \$50,000 but less than \$250,000.....	\$882
\$250,000 but less than \$500,000.....	\$1,197
\$500,000 but less than \$2,500,000.....	\$1,694
\$2,500,000 but less than \$5,000,000.....	\$2,592
\$5,000,000 but less than \$10,000,000.....	\$3,786
\$10,000,000 but less than \$15,000,000.....	\$4,769
\$15,000,000 but less than \$20,000,000.....	\$5,855
\$20,000,000 and over	\$9,214 plus 0.00005 of any amount over \$20 million (Round to nearest whole dollar)

2.3 ARTICLE 3 - CORRELATION, INTERPRETATION AND INTENT OF CONTRACT DOCUMENTS

2.3.1 It is the intent of the Design and Construction Criteria to describe a complete Project to be delivered in accordance with the Contract Documents. The Contract Documents comprise the entire Agreement between the VILLAGE and the CONTRACTOR. They may be altered only by a Modification.

2.3.2 The Contract Documents are complementary; what is called for by one is as binding as if called for by all. If CONTRACTOR finds a conflict, error or discrepancy in the Contract Documents, they shall call it to the VILLAGE’s attention in writing at once and before proceeding with the Work affected thereby; however, they shall not be liable to VILLAGE or CONSULTANT for their failure to discover any conflict, error or discrepancy in the Specifications or Drawings. The various Contract Documents shall be given precedence in case of conflict, error or discrepancy, as follows: Change Orders, Agreement Modifications, Addenda, Special Conditions, Instructions to BIDDERS, General Conditions, Design and Construction Specifications & Criteria. If the requirements of other Contract Documents are more stringent than those of the Supplemental General Conditions, the more stringent requirements shall apply.

2.3.3 The words “furnish” and “furnish and install”, “install”, and “provide” or words with similar meaning shall be interpreted, unless otherwise specifically stated, to mean “furnish and install complete in place and ready for service”.

2.3.4 Miscellaneous items and accessories which are not specifically mentioned, but which are essential to produce a complete and properly operating installation, or usable structure or plant, providing the indicated function, shall be furnished and installed without change in the Contract

Price. Such miscellaneous items and accessories shall be of the same quality standards, including material, style, finish, strength, class, weight and other applicable characteristics, as specified for the major component of which the miscellaneous item or accessory is an essential part, and shall be approved by the VILLAGE before installation. The above requirement is not intended to include major components not covered by or inferable from the Drawings and Specifications

2.3.5 The Work of all trades under this Contract shall be coordinated by the CONTRACTOR in such manner as to obtain the best workmanship possible for the entire Project, and all components of the Work shall be installed or erected in accordance with the best practices of the particular trade.

2.4 ARTICLE 4 - AVAILABILITY OF LANDS SUBSURFACE CONDITIONS REFERENCE POINTS

2.4.1 Availability of Lands:

The VILLAGE will furnish, as indicated in the Contract Documents, the lands upon which the Work is to be done, rights-of-way for access thereto, and such other lands which are designed for the use of the CONTRACTOR. Easements for permanent structures or permanent changes in existing facilities will be obtained and paid for by the VILLAGE unless otherwise specified in the Contract Documents.

2.5 ARTICLE 5 - INSURANCE

2.5.1 Contractor's Liability Insurance:

2.5.1.1 CONTRACTOR shall provide and maintain in force until all the Work to be performed under this Contract has been completed and accepted by VILLAGE (or for such duration as is otherwise specified hereinafter), the insurance coverage set forth:

2.5.1.1 Worker's Compensation insurance at the statutory amount to apply for all employees in compliance with the "Workers' Compensation Law" of the State of Florida and all applicable federal laws. In addition, the policy (ies) must include: Employers' Liability at the statutory coverage amount. The CONTRACTOR shall further insure that all of its Subcontractors maintain appropriate levels of worker's compensation Insurance

2.5.1.2 Comprehensive General Liability with minimum limits of One Million Dollars (1,000,000.00) per occurrence; combined single limit for Bodily Injury Liability and Property Damage Liability. Coverage must be afforded on a form no more restrictive than the latest edition of the Comprehensive General Liability policy, without restrictive endorsements, as filed by the Insurance Services Office, and must include:

- 2.5.1.2.1 Premises and Operation
- 2.5.1.2.2 Independent Contractors
- 2.5.1.2.3 Products and/or Completed Operations Hazard.
- 2.5.1.2.4 Explosion, Collapse and Underground Hazard Coverage.
- 2.5.1.2.5 Broad Form Property Damaged.
- 2.5.1.2.6 Broad Form Contractual Coverage applicable to this Specific Contract, including any hold harmless and/or indemnification agreement.
- 2.5.1.2.7 Personal Injury Coverage with Employee and Contractual Exclusions removed, with minimum limits of coverage equal to those required for Bodily Injury Liability and Property Damage Liability.

2.5.1.3 Business Automobile Liability with minimum limits of One Million Dollars (1,000,000.00) per occurrence; combined single limit for Bodily Injury Liability and Property Damage Liability. Coverage must be afforded on a form no more restrictive than the latest edition of the Business Automobile Liability policy, without restrictive endorsements, as filed by the Insurance Services Office, and must include:

- 2.5.1.3.1 Owned Vehicles.
- 2.5.1.3.2 Hired and Non-Owned Vehicles.
- 2.5.1.3.3 Employers' Non-Ownership.

2.5.2 Before starting the Work, the CONTRACTOR will file with the VILLAGE certificates of such insurance, acceptable to the VILLAGE; these certificates shall contain a provision that the coverage afforded under the policies will not be canceled or materially changed until at least thirty (30) days prior written notice has been given to the VILLAGE by certified mail. The VILLAGE and FDOT shall be named as an additional insured on the above-referenced policies.

2.5.3 The CONTRACTOR agrees that if any part of the Work under the Contract is sublet, they will require the Subcontractor(s) to carry insurance as required, and that they will require the Subcontractor(s) to furnish to them insurance certificates similar to those required by the VILLAGE.

2.5.4 Cancellation And Re-Insurance: If any insurance should be canceled or changed by the insurance company or should any insurance expire during the period of this contract, the CONTRACTOR shall be responsible for securing other acceptable insurance to provide the coverage specified in this section to maintain coverage during the life of this Contract.

2.5.5 All deductibles must be declared by the CONTRACTOR and must be approved by the VILLAGE. At the option of the VILLAGE, either the CONTRACTOR shall eliminate or reduce such deductible or the CONTRACTOR shall procure a Bond, in a form satisfactory to the VILLAGE, covering the same.

2.6 ARTICLE 6 - CONTRACTOR'S RESPONSIBILITIES

Concerning Subcontractors:

2.6.1 The CONTRACTOR shall perform with its own employees/workforce contract work amounting to not less than 40 percent of the original contract price. The Contractor will not employ any Subcontractor, against whom the VILLAGE may have reasonable objection, nor will the CONTRACTOR be required to employ any Subcontractor who has been accepted by the VILLAGE, unless the VILLAGE determines that there is good cause for doing so. The CONTRACTOR and subcontractors must comply with FHWA 1273 & Davis Bacon Wages.

2.6.2 The CONTRACTOR shall be fully responsible for all acts and omissions of their Subcontractors and of persons and organizations directly or indirectly employed by them and of persons and organizations for whose acts any of them may be liable to the same extent that they are responsible for the acts and omissions of persons directly employed by them. Nothing in the Contract Documents shall create any contractual relationship between VILLAGE and any Subcontractor or other person or organization having a direct contract with CONTRACTOR, nor shall it create any obligation on the part of VILLAGE to pay or to see to payment of any persons due any Subcontractor or other person or organization, except as may otherwise be required by law. VILLAGE may furnish to any Subcontractor or other person or organization, to the extent practicable, evidence of amounts paid to the CONTRACTOR on account of specified Work done in accordance with the schedule values.

2.6.3 The divisions and sections of the Specifications and the identifications of any Drawings shall not control the CONTRACTOR in dividing the Work among Subcontractors or delineating the Work performed by any specific trade.

2.6.4 The CONTRACTOR agrees to bind specifically every Subcontractor to the applicable terms and conditions of the Contract Documents for the benefit of the VILLAGE.

2.6.5 All Work performed for the CONTRACTOR by a Subcontractor shall be pursuant to an appropriate agreement between the CONTRACTOR and the Subcontractor.

2.6.6 The CONTRACTOR shall be responsible for the coordination of the trades, Subcontractors and material and men engaged upon their Work.

2.6.6.1 The CONTRACTOR shall cause appropriate provisions to be inserted in all subcontracts relative to the Work to bind Subcontractors to the CONTRACTOR by the terms of these General Conditions and other Contract Documents insofar as applicable to the Work of Subcontractors, and give the CONTRACTOR the same power as regards to terminating any subcontract that the VILLAGE may exercise over the CONTRACTOR under any provisions of the Contract Documents.

2.6.6.2 The VILLAGE will not undertake to settle any differences between the CONTRACTOR and their Subcontractors or between Subcontractors.

2.6.6.3 If in the opinion of the VILLAGE, any Subcontractor on the Project proves to be incompetent or otherwise unsatisfactory, they shall be promptly replaced by the CONTRACTOR if and when directed by the VILLAGE in writing.

Laws and Regulations:

2.6.7 The CONTRACTOR will give all notices and comply with all laws, ordinances, rules and regulations applicable to the Work. If the CONTRACTOR observes that the Specifications or Drawings are at variance therewith, they will give the VILLAGE prompt written notice thereof, and any necessary changes shall be adjusted by an appropriate modification. If the CONTRACTOR performs any Work knowing it to be contrary to such laws, ordinances, rules and regulations, and without such notice to the VILLAGE, they will bear all costs arising wherefrom; however, it shall not be their primary responsibility to make certain that the Drawings and Specifications are in accordance with such laws, ordinances, rules and regulations.

Taxes:

2.6.8 Cost of all applicable sales consumers, use, and other taxes for which the CONTRACTOR is liable under the Contract shall be included in the Contract Price stated by the CONTRACTOR.

Safety And Protection:

2.6.9 The CONTRACTOR will be responsible for initiating, maintaining and supervising all safety precautions and programs in connection with the **ROADWAY AND TRAFFIC DESIGN STANDARDS SERIES 600 TRAFFIC CONTROL THROUGH WORK ZONES 2006** or latest addition. They will take all necessary precautions for the safety of, and will provide the necessary protection to prevent damage, injury or loss to:

2.6.9.1 All employees and other persons, whom may be affected thereby,

2.6.9.2 All the Work and all materials or equipment to be incorporated therein, whether in storage on or off the work area, and

2.6.9.3 Other property at the work area or adjacent thereto, including trees, shrubs, lawns, walks, pavements, roadways, structures and utilities not designated for removal, relocation or replacement in the course of construction.

2.6.10 The **CONTRACTOR will designate a responsible member** of their organization at the site whose duty shall be the prevention of accidents. This person shall be the **CONTRACTOR'S Superintendent** unless otherwise designated in writing by the **CONTRACTOR** to the **VILLAGE**.

Emergencies:

2.6.11 In emergencies affecting the safety of persons or the Work or property at the site or adjacent thereto, the **CONTRACTOR**, without special instruction or authorization from the **VILLAGE**, is obligated to act, at their discretion, to prevent threatened damage, injury or loss. They will give the **VILLAGE** prompt written notice of any significant changes in the Work or deviations from the Contract Documents caused thereby. If the **CONTRACTOR** believes that additional Work done by them in an emergency which arose from causes beyond their control entitles them to an increase in the Contract Price or an extension of the Contract Time, they may therefore make a claim.

2.6.12 The **CONTRACTOR** will also submit to the **VILLAGE** for review, with such promptness as to cause no delay in Work, all samples and photographs required by the Contract Documents.

All samples and photographs will have been checked by and stamped with the approval of the **CONTRACTOR**, identified clearly as to material, manufacturer, any pertinent catalog numbers and the use for which intended.

2.6.13 At the time of each submission, the **CONTRACTOR** will in writing call the **VILLAGE'S** attention to any deviations that the Photographs or sample may have from the requirements of the Contract Documents.

2.6.14 The **VILLAGE** will review with responsible promptness Photographs and Samples, but their review shall be only for conformance with the design concept of the Project and for compliance with the information given in the Contract Documents. The **CONTRACTOR** will make any corrections required by the **VILLAGE** and will return the required number of corrected copies of Photographs and resubmit new samples until the review is satisfactory to the **VILLAGE**.

2.6.15 No Work requiring a Photograph or sample submission shall be commenced until the submission has been reviewed by the **VILLAGE**. A copy of each Photograph and each approved sample shall be kept in good order by the **CONTRACTOR** at the site and shall be available to the **VILLAGE**.

2.6.16 The **VILLAGE'S** review of Photographs or samples shall not relieve the **CONTRACTOR** from their responsibility for any deviations from the requirements of the Contract Documents unless the **CONTRACTOR** has in writing called the **VILLAGE'S** attention to each deviation at the time of submission and the **VILLAGE** has given written approval to the specific deviation, nor shall any review by the **VILLAGE** relieve the **CONTRACTOR** from responsibility for supplying the plant material as specified

Public Convenience and Safety:

2.6.17 The CONTRACTOR shall, at all times, conduct the Work in such a manner as to insure the least practicable obstruction to public travel. The convenience of the general public and of the residents along and adjacent to the area of Work shall be provided for in a satisfactory manner, consistent with the operation and local conditions. Proper Maintenance of Traffic (MOT) devices shall be placed immediately adjacent to the Work, in a conspicuous position, at such locations as traffic demands. The MOT shall be designed as outlined in the latest addition of **ROADWAY AND TRAFFIC DESIGN STANDARDS SERIES 600**. At any time that streets are required to be closed or blocked, the CONTRACTOR shall notify law enforcement agencies and the VILLAGE before the street is closed and again as soon as it is opened. Access to fire hydrants and other fire extinguishing equipment shall be provided and maintained at all times.

Indemnification:

2.6.18 To the fullest extent of the law, the Contractor shall indemnify and hold harmless the Village, the State of Florida, Department of Transportation, and its 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 contractor and persons employed or utilized by the Contractor in the performance of this Contract.

This indemnification shall survive the termination of this Contract. Nothing contained in this paragraph is intended to nor shall it constitute a waiver of the State of Florida and the Village's sovereign immunity.

2.6.19 In the event that any action or proceeding is brought against VILLAGE by reason of any such claim or demand, CONTRACTOR, upon written notice from VILLAGE shall defend such action or proceeding by counsel satisfactory to VILLAGE. The indemnification provided above shall obligate CONTRACTOR to defend at its own expense or to provide for such defense, at VILLAGE's option, any and all claims of liability and all suits and actions of every name and description that may be brought against VILLAGE, excluding only those which allege that the injuries arose out of the sole negligence of VILLAGE, which may result from the operations and activities under this Contract whether the construction operations be performed by CONTRACTOR, its Subcontractors or by anyone directly or indirectly employed by either.

2.6.20 The obligations of the CONTRACTOR shall not extend to the liability of the VILLAGE, their agents or employees arising out of (a) the preparation or approval of maps, drawings, opinions, reports, surveys, Change Orders, designs or specifications or (b) the giving of or the failure to give directions or instructions by the VILLAGE, their agents or employees provided such giving of failure to give is the primary cause of injury or damage. These indemnification provisions shall survive the term of this Contract.

2.7 ARTICLE 7 - VILLAGE'S RESPONSIBILITIES

2.7.1 The VILLAGE will issue all communications to the CONTRACTOR.

2.7.2 In cases of termination of employment of the CONTRACTOR, the VILLAGE will appoint a CONTRACTOR, whose status under the Contract Documents shall be that of the former CONTRACTOR.

2.7.3 The VILLAGE will furnish the data required of them under the Contract Documents promptly.

2.7.4 The VILLAGE's duties in respect to providing lands and easements are set forth in Paragraphs 2.4.1.

2.8 ARTICLE 8 - CONSULTANTS' STATUS DURING CONSTRUCTION

Measurement of Quantities:

2.8.1 All Work completed under the Contract will be measured by the VILLAGE according to the United States Standard Measures. All linear surface measurements will be made horizontally or vertically as required by the item measured.

Rejecting Defective Work:

2.8.2 The VILLAGE will have authority to disapprove or reject Work which is "defective" (which term is hereinafter used to describe Work that is unsatisfactory, faulty or defective, or does not conform to the requirements of the Contract Documents or does not meet the requirements of any inspection, test or approval referred to in Special Condition, or has been damaged prior to final acceptance) at CONTRACTOR's expense.

Shop Drawings, Change Orders and Payments:

2.8.3 In connection with the VILLAGE's responsibility as to Shop Drawings and samples, see paragraphs 2.6.12 through 2.6.16, inclusive.

2.8.4 In connection with the VILLAGE's responsibility for Change Orders, see Articles 2.9 and 2.10.

2.8.5 In connection with the VILLAGE's responsibilities in respect of Application of Payment, etc., see Article 2.11.

Decisions on Disagreements:

2.8.6 The Village will be the initial interpreter of the Construction Drawings and Technical Specifications.

Limitations on Consultant's Responsibilities:

2.8.7 The VILLAGE will not be responsible for the construction means, methods, techniques, sequences or procedures, or the safety precautions and programs incident thereto.

2.8.8 The VILLAGE will not be responsible for the acts or omissions of the CONTRACTOR, or any Subcontractors, or any of their or their agents or employees, or any other person performing any of the Work.

2.9 ARTICLE 9 - CHANGES IN THE WORK

2.9.1 Without invalidating the Agreement, the VILLAGE may, at any time or from time to time, order additions, deletions or revisions in the Work; these shall be authorized by Change Orders. Upon receipt of a Change Order, the CONTRACTOR will proceed with the Work involved. All such Work shall be executed under the applicable conditions of the Contract Documents. If any Change Order causes an increase or decrease in the Contract Price or an extension or shortening of the Contract Time, an equitable adjustment will be made. A Change Order signed by the CONTRACTOR indicates their agreement therewith.

2.9.2 The VILLAGE may authorize minor changes or alterations in the Work not involving extra cost and not inconsistent with the overall intent of the Contract Documents. These may be accomplished by a Field Order. If the CONTRACTOR believes that any minor change or alteration authorized by the VILLAGE entitles them to an increase in the Contract Price or extension of Contract Time, they may make a claim therefore as provided in Articles 2.11 and 2.12.

2.9.3 Additional Work performed by the CONTRACTOR without authorization of a Change Order will not entitle them to an increase in the Contract Price or an extension of the Contract Time, except in the case of an emergency as provided in paragraph 2.6.11 and except as provided in paragraph 2.10.2.

2.9.4 The VILLAGE will execute appropriate Change Orders prepared by the VILLAGE covering changes in the Work, to be performed and Work performed in an emergency as provided in paragraph 2.6.11 and any other claim of the CONTRACTOR for a change in the Contract Time or the Contract Price which is approved by the VILLAGE.

2.9.5 It is the CONTRACTOR'S responsibility to notify his Surety of any changes affecting the general scope of the Work or change in the Contract Price or Contract Time and the amount of the applicable bonds shall be adjusted accordingly. The CONTRACTOR will furnish proof of such an adjustment to the VILLAGE.

2.10 ARTICLE 10 - CHANGE OF CONTRACT PRICE

2.10.1 The Contract Price constitutes the total compensation payable to the CONTRACTOR for performing the Work. All duties, responsibilities and obligations assigned to or undertaken by the CONTRACTOR shall be at their expense without changing the Contract Price.

2.10.2 (a) The VILLAGE may, at any time, without written notice to the sureties, by written order designated or indicated to be a Change Order, make any change in the Work within the general scope of the Contract, including but not limited to changes:

(1) In the specifications (including drawings and designs);

(2) In the method or manner of performance of the Work.

Or

(3) Directing acceleration in the performance of the Work.

(b) Except as herein provided, no order, statement, or conduct of the VILLAGE shall be treated as a change under this clause or entitle the CONTRACTOR to an equitable adjustment hereunder.

(c) If any change order under this clause causes an increase or decrease in the CONTRACTOR'S cost of, or the time required for, the performance of any part of the Work, under this Contract, whether or not changed by any order, an equitable adjustment shall be made, and the Contract modified in writing accordingly.

(d) If the CONTRACTOR intends to assert a claim for an equitable adjustment under this clause, he must, within ten (10) days after receipt of a written Change Order, submit to the VILLAGE a written notice including a statement setting forth the general nature and monetary extent of such claim, and supporting data.

(e) No claim by the CONTRACTOR for an equitable adjustment hereunder shall be allowed if not submitted in accordance with this section or if asserted after final payment under this Contract.

2.10.3 The value of any Work covered by a Change Order or of any claim for an increase or decrease in the Contract Price shall be determined in one of the following ways:

2.10.3.1 By negotiated lump sum.

2.10.3.2 On the basis of the cost of the Work, determined as provided in Sections 10.4 and 10.5, plus a mutually agreed upon fee to the CONTRACTOR to cover overhead and profit.

2.10.4 The term cost of the Work means the sum of all direct costs necessarily incurred and paid by the CONTRACTOR in the proper performance of the Work. Except as otherwise may be agreed to in writing by VILLAGE, such costs shall be in amounts no higher than those prevailing in Miami-Dade County, shall include only the following items and shall not include any of the costs itemized in Paragraph 2.10.5.5.

2.10.4.1 Payroll costs for employees in the direct employ of CONTRACTOR in the

performance of the Work described in the Change Order under schedules of job classifications agreed upon by VILLAGE and CONTRACTOR. Payroll costs for employees not employed full time on the Work shall be apportioned on the basis of their time spent on the Work. Payroll costs shall be limited to: salaries and wages, plus the costs of fringe benefits which shall include social security contributions, unemployment, excise and payroll taxes, workers' compensation, health and retirement benefits, sick leave, vacation and holiday pay applicable thereto. Such employees shall include superintendents and foremen at the site. The expenses of performing Work after regular working hours, on Sunday or legal holidays shall be included in the above only if authorized by VILLAGE.

- 2.10.4.2 Cost of all materials and equipment furnished and incorporated in the Work, including costs of transportation and storage, and manufacturers' field services required in connection therewith. All cash discounts shall accrue to CONTRACTOR unless VILLAGE deposits funds with CONTRACTOR with which to make payments in which case the cash discounts, shall accrue to the VILLAGE. All trade discounts, rebates and refunds, and all returns from sale of surplus materials and equipment shall accrue to VILLAGE, and CONTRACTOR shall make provisions so that they may be obtained.
- 2.10.4.3 Payments made by CONTRACTOR to the Subcontractors for Work performed by Subcontractors. If required by VILLAGE, CONTRACTOR shall obtain competitive bids from Subcontractors acceptable to him and shall deliver such bids to VILLAGE who will then determine which Bids will be accepted.
- 2.10.4.4 Rentals of all construction equipment and machinery and the parts thereof whether rented from CONTRACTOR or others in accordance with rental agreements approved by VILLAGE with the advice of CONSULTANT, and the costs of transportation, loading, unloading, installation, dismantling and removal thereof - all in accordance with terms of said rental agreements. The rental of any such equipment, machinery or parts shall cease when the use thereof is no longer necessary for the Work.
- 2.10.4.5 Sales, use or similar taxes related to the Work, and for which CONTRACTOR is liable, imposed by any governmental authority.
- 2.10.4.6 Payments and fees for permits and licenses. Costs for permits and licenses must be shown as a separate item.
- 2.10.4.7 The cost of utilities, fuel and sanitary facilities at the site.
- 2.10.4.8 Minor expenses such as telegrams, long distance telephone calls, telephone service at the site, expressage and similar petty cash items in

connection with the Work.

- 2.10.4.9 Cost of premiums for additional Bonds and Insurance required solely because of changes in the Work, not to exceed two percent (2%) of the increase in the Cost of the Work.
- 2.10.5 The term Cost of the Work shall not include any of the following:
- 2.10.5.1 Payroll costs and other compensation of CONTRACTOR'S officers, executives, principals (of partnership and sole proprietorships), general managers, engineers, architects, estimators, lawyers, agents, expeditors, timekeepers, clerks and other personnel employed by CONTRACTOR whether at the site or in his principal or a branch office for general administration of the Work and not specifically included in the schedule, all of which are to be considered administrative costs covered by the CONTRACTOR'S fee.
- 2.10.5.2 Expenses of CONTRACTOR'S principal and branch offices other than his office at the site.
- 2.10.5.3 Any part of CONTRACTOR'S capital expenses, including interest on CONTRACTOR'S capital employed for the Work and charges against CONTRACTOR for delinquent payments.
- 2.10.5.4 Cost of premiums for all bonds and for all insurance policies whether or not CONTRACTOR is required by the Contract Documents to purchase and maintain the same.
- 2.10.5.5 Costs due to the negligence of CONTRACTOR, any Subcontractor, or anyone directly or indirectly employed by any of them or for whose acts any of them may be liable, including but not limited to, the correction of defective work, disposal of materials or equipment wrongly supplied and making good any damage to property.
- 2.10.5.6 Other overhead or general expense costs of any kind and the costs of any item not specifically and expressly included.
- 2.10.6 The CONTRACTOR'S fee which shall be allowed to CONTRACTOR for their overhead and profit shall be determined as follows:
- 2.10.6.1 In the event of an oversight or omission by the CONTRACTOR no compensation for overhead or profit will be provided; otherwise.
- 2.10.6.2 A mutually acceptable firm fixed price; or if none can be agreed upon.
- 2.10.6.3 A ten percent fixed fee based on the estimate of the various portions of the

Cost of the Work.

2.10.7 The amount of credit to be allowed by CONTRACTOR to VILLAGE for any such change which results in a net decrease in cost will be the amount of the actual net decrease. When both additions and credits are involved in any one change, the net shall be computed to include overhead and profit, identified separately, for both additions and credit, provided however, the CONTRACTOR shall not be entitled to claim lost profits for any Work not performed.

2.10.8 Whenever cost of any Work is to be determined pursuant to paragraphs 12.4 and 12.5, CONTRACTOR will submit in form prescribed by VILLAGE an itemized cost breakdown together with supporting data.

2.11 ARTICLE 11 - PAYMENTS AND COMPLETION

Payments to Contractor

2.11.1 At least ten (10) days before each progress payment falls due (but not more often than once a month), the CONTRACTOR will submit to the VILLAGE a partial payment estimate filled out and signed by the CONTRACTOR covering the Work completed during the period covered by the partial lump sum payment estimate and supported by such data as the VILLAGE may reasonably require.

If payment is requested on the basis of materials and equipment not incorporated in the Work but delivered and suitably stored at or near site, the partial lump sum payment estimate shall also be accompanied by such supporting data, satisfactory to the VILLAGE, as will establish the VILLAGE's title to the material and equipment and protect their interest therein, including applicable insurance. The VILLAGE will within ten (10) days after receipt of each partial payment estimate, either indicate in writing their approval of payment and present the partial payment estimate to the VILLAGE, or return the partial payment estimate to the CONTRACTOR, indicating in writing their reasons for refusing to approve payment. In the latter case, the CONTRACTOR may make the necessary corrections and resubmit the partial payment estimate. The VILLAGE, will within thirty (30) days of presentation to them of any approved partial payment estimate, pay the CONTRACTOR a progress payment on the basis of the approved partial payment estimate. The VILLAGE may retain ten (10) percent of the amount of each payment that exceeds 75% of the Contract Time until final completion and acceptance of all Work covered by the Contract Documents.

2.11.2 The VILLAGE shall have the right to demand and receive from the CONTRACTOR, before he shall receive final payment, final releases of lien executed by all persons, firms or corporations who have performed or furnished labor, services or materials, directly or indirectly, used in the Work. Likewise, as a condition to receiving any progress payment, the VILLAGE may require the CONTRACTOR to furnish partial releases of lien executed by all persons, firms and corporations who have furnished labor, services or materials incorporated into the Work during the period of time for which the progress payment is due, releasing such lien rights as those persons, firms or corporations may have for that period.

Contractor's Warranty of Title

2.11.3 The CONTRACTOR warrants and guarantees that title to all Work, materials and equipment covered by an Application for Payment, whether incorporated in the Project or not, will have passed to the VILLAGE prior to the making of the Application for Payment, free and clear of all liens, claims, security interest and encumbrances (hereafter in these General Conditions referred to as "Liens"); and that no Work, materials or equipment covered by an Application for Payment will have been acquired by the CONTRACTOR or by any other person performing the Work at the site or furnishing materials and equipment for the Project, subject to an agreement under which an interest therein or encumbrance thereon is retained by the seller or otherwise imposed by the CONTRACTOR or such other person.

Acceptance of Final Payment as Release

2.11.4 The Acceptance by the CONTRACTOR of final payment shall be and shall operate as a release to the VILLAGE and a waiver of all claims and all liability to the CONTRACTOR other than claims in stated amounts as may be specifically excepted by the CONTRACTOR for all things done or furnished in connection with the Work and for every act and neglect of the VILLAGE and others relating to or arising out of this Work. Any payment, however, final or otherwise, shall not release the CONTRACTOR of their sureties from any obligations under the Contract Documents or the Performance Bond and Payment Bonds.

2.12 ARTICLE 12 - SUSPENSION OF WORK AND TERMINATION

2.12.1 The VILLAGE may, at any time and without cause, suspend the Work or any portion thereof for a period of not more than ninety (90) days by notice in writing to the CONTRACTOR which shall fix the date on which Work shall be resumed. For suspensions longer than ninety (90) days, The CONTRACTOR will be allowed an increase in the Contract Price or an extension of the Contract Time, or both, directly attributable to any suspension if they therefore make a claim.

Work During Inclement Weather

2.12.2 No Work shall be done under these specifications except by permission of the VILLAGE when the weather is unfit for good and careful Work to be performed. Should the severity of the weather continue, the CONTRACTOR upon the direction of the VILLAGE, shall suspend all Work until instructed to resume operations by the VILLAGE and the Contract Time, shall be extended to cover the duration of the order.

Village May Terminate

2.12.3 If the CONTRACTOR is adjudged bankrupt or insolvent, or if they make a general assignment for the benefit of their creditors, or if a trustee or receiver is appointed for the CONTRACTOR or for any of their property, or if they file a petition to take advantage of any debtor's act, or to reorganize under bankruptcy or similar laws, or if they repeatedly fails to supply sufficient skilled workmen or suitable materials or equipment, or if they repeatedly fail to

make prompt payments to Subcontractors or for labor, materials or equipment or they disregard laws, ordinances, rules, regulations or orders of any public body having jurisdiction, or if they disregard the authority of the VILLAGE, or if they otherwise violate any provision of the Contract Documents, then the VILLAGE may, without prejudice to any other right or remedy and after giving the CONTRACTOR and their surety seven (7) days written notice, terminate the services of the CONTRACTOR and take possession of the Project and of all materials, equipment, tools, construction equipment and machinery thereon owned by the CONTRACTOR, and finish the Work by whatever method they may deem expedient. In such case the CONTRACTOR shall not be entitled to receive any further payment until the Work is finished. If the unpaid balance of the Contract Price exceeds the direct and indirect costs of completing the Project, including compensation for additional professional services, such excess shall be paid to the CONTRACTOR. If such costs exceed such unpaid balance, the CONTRACTOR will pay the difference to the VILLAGE. Such costs incurred by the VILLAGE will be determined by the VILLAGE and incorporated in a Change Order.

If after termination of the CONTRACTOR under this Section, it is determined by a court of competent jurisdiction for any reason that the CONTRACTOR was not in default, the rights and obligations of the VILLAGE and the CONTRACTOR shall be the same as if the termination had been issued.

2.12.4 Where the CONTRACTOR'S services have been so terminated by the VILLAGE said termination shall not affect any rights of the VILLAGE against the CONTRACTOR then existing or which may thereafter accrue. Any retention or payment of moneys by the VILLAGE due the CONTRACTOR will not release the CONTRACTOR from liability.

2.12.5 Upon seven (7) days written notice to the CONTRACTOR, the VILLAGE may, without cause and without prejudice to any other right or remedy, elect to terminate the Agreement. In such case, the CONTRACTOR shall be paid for all Work executed and accepted by the VILLAGE as of the date of the termination. No payment shall be made for profit for Work which has not been performed.

Removal of Equipment

2.12.6 In the case of termination of this Contract before completion for any cause whatever, the CONTRACTOR, if notified to do so by the VILLAGE, shall promptly remove any part or all of his equipment and supplies from the property of the VILLAGE. Should the CONTRACTOR not remove such equipment and supplies, the VILLAGE shall have the right to remove them at the expense of the CONTRACTOR. Equipment and supplies shall not be construed to include such items for which the CONTRACTOR has been paid in whole or in part.

Contractor May Stop Work or Terminate

2.12.7 If, through no act or fault of the CONTRACTOR, the Work is suspended for a period of more than ninety (90) days by the VILLAGE or under an order of court of other public authority,

or the CONSULTANT fails to act on any Application for Payment within thirty (30) days after it is submitted, or the VILLAGE fails to pay the CONTRACTOR any sum approved by the VILLAGE, within thirty (30) calendar days of its approval, and presentation, then the CONTRACTOR may, upon twenty (20) calendar days written notice to the VILLAGE, terminate the Agreement. The VILLAGE may remedy the delay or neglect within the twenty (20) calendar day time frame. If timely remedied by the VILLAGE the Contract shall not be considered terminated. In lieu of terminating the Agreement, if the VILLAGE has failed to act on an Application for Payment or the VILLAGE has failed to make any payment as aforesaid, the CONTRACTOR may upon ten (10) calendar day notice to the VILLAGE and the CONSULTANT stop the Work until they have been paid all amounts then due.

2.13 ARTICLE 13 - MISCELLANEOUS

2.13.1 Whenever any provision of the Contract Documents requires the giving of written notice it shall be deemed to have been validly given if delivered in person to the individual or to a member of the firm or to an officer of the corporation for whom it is intended, or if delivered at or sent by registered or certified mail, postage prepaid, to the last business address known to them who gives the notice.

2.13.2 The Contract Documents shall remain the property of the VILLAGE. The CONTRACTOR and the CONSULTANT shall have the right to keep one record set of the Contract Documents upon completion of the Project.

2.13.3 The duties and obligations imposed by these General Conditions, Special Conditions and Supplemental Conditions and the rights and remedies available hereunder, and, in particular but without limitation, the warranties, guarantees and obligations imposed upon CONTRACTOR and those in the Special Conditions and the rights and remedies available to the VILLAGE and there under, shall be in addition to, and shall not be construed in any way as a limitation of, any rights and remedies available by law, by special guarantee or by other provisions of the Contract Documents.

2.13.4 Should the VILLAGE or the CONTRACTOR suffer injury or damage to its person or property because of any error, omission, or act of the other or of any of their employees or agents or others for whose acts they are legally liable, claim shall be made in writing to the other party within a reasonable time of the first observance of such in- jury or damage.

2.13.5 Both the VILLAGE and the CONTRACTOR agree to comply with 20.055 (5) Florida Statute that states “it is the duty of every state officer, employee, agency, special district, board commission, contractor, and subcontractor to cooperate with the inspector general in any investigation, audit, inspection, review, or hearing pursuant to this section.”

2.14 ARTICLE 14 - WAIVER OF JURY TRIAL

2.14.1 VILLAGE and CONTRACTOR knowingly, irrevocably voluntarily and intentionally waive any right either may have to a trial by jury in State or Federal Court proceedings in respect to any action, proceeding, lawsuit or counterclaim based upon the Contract Documents or the

performance of the Work thereunder.

2.15 ARTICLE 15 - ATTORNEYS FEES/JURISDICTION/VENUE/GOVERNING LAW

2.15.1 The Contract shall be construed in accordance with and governed by the law of the State of Florida.

2.15.2 The parties submit to the jurisdiction of any Florida State or federal court in any action or proceeding arising out of or relating to the Contract. Venue of any action to enforce the Contract shall be in Miami-Dade County, Florida.

2.15.3 If either the VILLAGE or CONTRACTOR is required to enforce the terms of the Contract by court proceedings, the prevailing party shall be entitled to recover from the other party all such costs and expenses, including, but not limited to, court costs, and reasonable attorney's fees.

2.16 ARTICLE 16 - PROJECT RECORDS

2.16.1 VILLAGE shall have right to inspect and copy during regular business hours at VILLAGE's expense, the books and records and accounts of CONTRACTOR which relate in any way to the Project, and to any claim for additional compensation made by CONTRACTOR, and to conduct an audit of the financial and accounting records of CONTRACTOR which relate to the Project. CONTRACTOR shall retain and make available to VILLAGE all such books and records and accounts, financial or otherwise, which relate to the Project and to any claim for a period of five (5) years after final payment of the Project is made. During the Project and the five (5) year period following final completion of the Project, CONTRACTOR shall provide VILLAGE access to its books and records upon five (5) days written notice.

2.17 ARTICLE 17 - SEVERABILITY

2.17.1 If any provision of the Contract or the application thereof to any person or situation shall to any extent, be held invalid or unenforceable, the remainder of the Contract, and the application of such provisions to persons or situations other than those as to which it shall have been held invalid or unenforceable shall not be affected thereby, and shall continue in full force and effect, and be enforced to the fullest extent permitted by law.

2.18 ARTICLE 18 - INDEPENDENT CONTRACTOR

2.18.1 The CONTRACTOR is an independent CONTRACTOR under the Contract. Services provided by the CONTRACTOR shall be by employees of the CONTRACTOR and subject to supervision by the CONTRACTOR, and not as officers, employees, or agents of the VILLAGE. Personnel policies, tax responsibilities, social security and health insurance, employee benefits, purchasing policies and other similar administrative procedures, applicable to services rendered under the Contract shall be those of the CONTRACTOR.

2.19 ARTICLE 19 – DEFAULT AND TERMINATION OF CONTRACT

2.19.1 DETERMINATION OF DEFAULT:

The following acts or omissions constitute acts of default and, except as to subparagraph (i), the Village will give notice, in writing, to the Contractor and its Surety for any delay, neglect or default, if the Contractor:

- (a) If the Contractor fails to begin the Work under the Contract within the time specified in the Notice to Proceed;
- (b) Or fails to perform the Work with sufficient workmen and Equipment or with sufficient Materials to assure the prompt completion of the Contract as related to the project schedule;
- (c) Or performs the Work unsuitably, or neglects or refuses to remove Materials or to perform anew such Work as may be rejected as unacceptable and unsuitable;
- (d) Or discontinues the prosecution of the Work; or fails to resume Work which has been discontinued within a reasonable time after notice to do so;
- (e) Or fails to pay timely its Subcontractors, Suppliers or laborers; or becomes insolvent or is declared bankrupt, or files for reorganization under the bankruptcy code, or commits any act of bankruptcy or insolvency, either voluntarily or involuntarily;
- (f) Or allows any final judgment to stand against it unsatisfied for a period of ten (10) Calendar Days;
- (g) Or makes an assignment for the benefit of creditors;
- (h) Or fails to comply with Contract requirements regarding minimum wage payments or EEO requirements, if applicable;
- (i) Or fails to comply with the Engineer's written suspension of Work Order within the time allowed for compliance and which time is stated in that suspension of Work Order;
- (j) Or for any other cause whatsoever, fails to carry on the Work in an acceptable manner, or if the Surety executing the Contract Bond, for any reasonable cause, becomes unsatisfactory in the opinion of the Village;
- (k) Or fails to provide all required insurance and to keep said insurance in force during the duration of the Contract.
- (l) Or fails to comply with the provisions of Chapter 119, Florida Statutes.

For a notice based upon reasons stated in subparagraphs (a) through (h) and (j): if the Contractor, within a period of ten (10) Calendar Days after receiving the notice described above, does not

proceed to correct the default, the Village may give notice of default in writing to the Contractor and the Surety (where applicable) stating the nature of the default and providing the amount of time which will be allowed to correct the default.

If the Contractor (within the curative period described in the notice of default) does not correct the default, the Village will have full power and authority to remove the Contractor and to declare the Contract in default and terminated.

If the Contract is declared in default, the Village may require the Contractor's Surety to take over and complete the Contract performance. Upon the failure or refusal of the Surety to assume the Contract within the time demanded, the Village may take over the Work covered by the Contract.

Regarding subparagraph (i), if the Contractor fails to comply with the Village's written suspension of Work Order within the time allowed for compliance and which time is stated in that suspension of Work Order, the Village will, upon written certificate from the Engineer of the fact of such delay and the Contractor's failure to correct that condition, have full power and authority, without violating the Contract, to immediately take the prosecution of the Work out of the hands of the Contractor and to declare the Contractor in default. The Village shall have no liability for profits (including anticipated profits) related to unfinished Work on a Contract terminated for default.

Regarding subparagraph (l), if the Contractor fails to comply with the provisions of Chapter 119, Florida Statutes, the Village will have full power and authority, without violating the Contract, to immediately take the prosecution of the work out of the hands of the Contractor and to declare the Contractor in default.

The Village of Palmetto Bay has no liability for anticipated profits for unfinished work on a Contract that the Village has determined to be in default.

Notwithstanding the above, the Village reserves the right to declare the Contractor (or its "affiliate") in default and immediately terminate the Contract, without any prior notice to the Contractor, in the event the Contractor (or its "affiliate") is at any time "convicted" of a "contract crime," as these terms are defined in Section 337.165(1), Florida Statutes. Village's right to default the Contractor (or its "affiliate") for "conviction" of a "contract crime" extends to and is expressly applicable to any and all Village Contracts that were either advertised for proposal; for which requests for proposals or letters of interest were requested; for which an intent to award was posted or otherwise issued; or for which a Contract was entered into, after the date that the underlying or related criminal indictment, criminal information or other criminal charge was filed against the Contractor (or its "affiliate") that resulted in the "conviction." In the event the Village terminates this Contract for this reason, the Contractor shall hereby forfeit any claims for additional compensation, extra time, or anticipated profits. The Contractor shall only be paid for any completed Work up to the date of termination.

Further, the Contractor shall be liable for any and all additional costs and expenses the Village incurs in completing the Work after such termination.

2.19.2 TERMINATION OF CONTRACT FOR CONVENIENCE: The Village of Palmetto Bay may, by written notice, terminate the Contract or a portion thereof after determining that, for reasons beyond either the Village's or Contractor's control, the Contractor is prevented from proceeding with or completing the Work as originally contracted for, and that termination would therefore be in the public interest. Such reasons for termination may include, but need not be necessarily limited to, executive orders of the President of the United States relating to prosecution of war or national defense, national emergency which creates a serious shortage of Materials, orders from duly constituted authorities relating to energy conservation, and restraining order or injunctions obtained by third-party citizen action resulting from national or local environmental protection laws, or where the issuance of such order or injunction is primarily caused by acts or omissions of persons or agencies other than the Contractor.

When the Contract, or any portion thereof, is terminated before completion of all items of Work in the Contract, payment will be made for Work completed, at the Contract Lump Sum (where applicable), and according to the provisions set forth in section 4 for items of work partially completed, and such payments will constitute full and complete compensation for such work or items. No payment of any kind or amount will be made for items of work not started. Reimbursement for mobilization expenses (when not otherwise included in the Contract), including moving Equipment to the job, will be considered where the volume of Work completed is too small to compensate the Contractor for these expenses under the Contract Lump Sums (where applicable); the intent being that an equitable settlement will be made with the Contractor.

Acceptable Materials procured by the Contractor for the Work, that have been inspected, tested, and approved by the Village, and that are not incorporated in the Work, may be purchased from the Contractor at actual cost, as shown by receipted bills and actual cost records, at such points of delivery as may be designated by the Village.

Termination of the Contract, or a portion thereof, under the provisions of this Section, shall not relieve the Contractor of Contractor's responsibilities for the completed portion, nor shall it relieve Contractor's Surety of its obligation for, and concerning any just claims arising out of, the Work performed.

2.19.3 LEGAL REMEDIES

In addition to any of the remedies described in the elsewhere in the Contract, if the Contractor materially fails to comply with the terms and conditions of this Contract, including any Federal or State statutes, rules or regulations, applicable to this Contract, the Recipient may take one or more of the following actions.

- i. Temporarily withhold payments pending correction of the deficiency by the Contractor.
- ii. Disallow (that is, deny both use of funds and any applicable matching credit for) all or part of the cost of the activity or action not in compliance.

iii. Wholly or partly suspend or terminate this Contract. iv. Take other remedies that may be legally available. The remedies identified above, do not preclude the Contractor from being subject to debarment and suspension under Presidential Executive Orders 12549 and 12689. The Recipient shall have the right to demand a refund, either in whole or part, of the funds provided to the Contractor for noncompliance with the terms of this Contract.

END OF SECTION

SECTION 03: SPECIAL CONDITIONS

3.1 PERMITS/UTILITIES:

The CONTRACTOR shall obtain all permits necessary to conduct this project. In addition, the CONTRACTOR shall clear utilities prior to conducting any work at each project site.

3.2 HOURS OF WORK:

CONTRACTOR will perform work Monday through Friday, excluding VILLAGE holidays, from 8:00 a.m. to 4:00 p.m. unless prior written approval is received from The VILLAGE.

3.3 EMPLOYEES:

CONTRACTOR shall be responsible for the appearance of all working personnel assigned to the project (clean and appropriately dressed at all times). Personnel must be able to supply proper identification at all times.

All employees of the CONTRACTOR shall be considered to be at all times the sole employees of the CONTRACTOR, under the CONTRACTOR's sole direction, and not an employee or agent of the Village of Palmetto Bay. The CONTRACTOR shall supply competent, suitably qualified and capable employees and the VILLAGE may require the CONTRACTOR to remove any employee it deems careless, incompetent, insubordinate or otherwise objectionable and whose presence on VILLAGE property is not in the best interest of the VILLAGE. VILLAGE shall not have any duty to implement or enforce such requirements.

Each employee of the CONTRACTOR shall be a citizen of the United States or an alien who has been lawfully admitted for permanent residence as evidenced by an Alien Registration Receipt Card. The CONTRACTOR agrees not to employ any person undergoing sentence of imprisonment except as provided by Public Law 89-176, September 10, 1965, (18 USC4082)(c)(2).

The "On Duty" supervisor must be able to adequately communicate with the VILLAGE's representatives.

3.4 SUB-CONTRACTORS, SUPPLIERS and OTHERS:

Prior to the commencement of any work, CONTRACTOR shall furnish, in writing to the VILLAGE, the names of persons or entities (including those who are to furnish materials or equipment fabricated to a special design) proposed for each principal portion of the Work. VILLAGE shall notify the CONTRACTOR, in writing, of any proposed person or entity to which VILLAGE has an objection. The CONTRACTOR shall not contract with

a proposed person or entity to which The VILLAGE has made an objection. The CONTRACTOR shall not change a Subcontractor, person or entity previously selected if VILLAGE makes objection to the change.

The CONTRACTOR shall be fully responsible to VILLAGE for all acts and omissions of the CONTRACTOR, its employees, Subcontractors, suppliers, other persons directly or indirectly employed by its Subcontractors or suppliers, persons for whose acts any of them may be liable and any other persons or organizations performing or furnishing supplies under a direct or indirect Contract with the CONTRACTOR. Nothing in the Contract Documents shall create any contractual relationship between VILLAGE and any such Subcontractor, supplier or other person or organization, nor shall it create any obligation on the part of VILLAGE to pay or to cause the payment of any money due any Subcontractor, supplier, employee or agent except as may otherwise be required by law.

The CONTRACTOR shall perform with its own employees/workforce contract work amounting to not less than 30 percent of the original contract price. All Work performed for the CONTRACTOR by a Subcontractor will be pursuant to an appropriate agreement between CONTRACTOR and the Subcontractor which specifically binds the Subcontractor to all applicable terms and conditions of the Contract Documents for the benefit of the VILLAGE.

3.5 PROTECTION:

All work in fulfillment of this project shall be performed on VILLAGE property or public right-of-way. No permission will be given to trespass on adjoining property.

If property (public or private) is damaged during construction or is removed for the convenience of the work, it shall be repaired or replaced at the expense of the CONTRACTOR in a manner acceptable to the Village of Palmetto Bay prior to the final acceptance of the work. Such property shall include but not be limited to: pavement, sidewalks, curbs, driveways, walls, fences, footings, building façade, underground utilities, sod, shrubs, water sprinklers, and trees.

CONTRACTOR shall notify the Public Service Department in writing of the site having pre-existing damage to sidewalks, curbs, facade, adjacent improvements, etc., before beginning work. Failure to do so shall obligate the CONTRACTOR to make repairs per above paragraph.

CONTRACTOR shall be solely responsible for pedestrian and vehicular safety and control within the work site and shall provide the necessary warning devices, signage, barricades and ground personnel needed to give safety, protection, and warning to persons and vehicular traffic within the area. All safety devices must have suitable and sufficient lighting for the prevention of accidents.

3.6 SECURITY

The CONTRACTOR is responsible for project security. CONTRACTOR shall protect and secure the site, materials, and equipment from theft and damage, by whatever means deems effective, at CONTRACTOR's cost.

Work site(s) must be protected properly in accordance with all Federal, State, County and Municipal laws and ordinances, at the end of each work day and weekends.

3.7 TEMPORARY INTERRUPTION

The CONTRACTOR shall notify the Public Service Director whenever it is necessary to temporarily interrupt any business activities, the CONTRACTOR shall notify the Owner or tenant or their designee prior to the interruption and again immediately before the service is resumed. Before disconnecting any underground or overhead utilities, the CONTRACTOR shall make similar arrangements for their disconnection with the Owner, tenant or their designee. The CONTRACTOR shall be responsible for any damage caused by CONTRACTOR to such utilities and shall restore them to service promptly as soon as the Work interruption has ended.

3.8 MATERIALS:

The CONTRACTOR warrants that all materials and equipment shall be of good quality and new, unless otherwise provided in the specifications and that the work will be free from defects whether patent or latent in nature. All materials and equipment shall be applied, installed, connected, erected, used, cleaned and conditioned in accordance with the instructions of the applicable supplier except as otherwise provided in the specifications.

3.9 ON-SITE SURVEY:

CONTRACTOR shall be responsible for survey work required for establishing proper layout, elevations and grades as noted on the plans and shall provide the VILLAGE with a set of certified as-built plans at CONTRACTOR's expense.

3.10 STORAGE OF MATERIALS:

The CONTRACTOR shall store materials, at the CONTRACTORS expense, in areas approved by the VILLAGE. The CONTRACTOR, at their own expense, shall maintain these areas in a clean, orderly condition so as not to cause a nuisance in the area. The CONTRACTOR shall restore the storage area to its original or better condition, with all its appurtenances, in kind, to the satisfaction of the VILLAGE, at the CONTRACTOR's discretion, if the CONTRACTOR chooses to stage material outside of the designated area, with prior approval from the VILLAGE.

3.11 SALVAGEABLE MATERIAL:

All salvageable material and/or equipment removed from the existing construction for which specific use, relocation or other disposal is not specifically noted on the Drawings or otherwise specified, will remain the property of the VILLAGE and be turned over to the VILLAGE. All material and/or equipment not in salvageable condition as determined by the Village Representative must be disposed of by the CONTRACTOR. The actual storage site for salvageable material will be designated by the VILLAGE.

3.12 NOTIFICATION TO RESIDENTS:

CONTRACTOR shall notify residents directly impacted by the project (including MOT), in writing, ten (10) working days prior to performing any work. Notification must include type of work to be performed; date work will begin and estimated completion date. In the event CONTRACTOR changes schedule or duration of work, CONTRACTOR must notify resident, in writing, of such changes. CONTRACTOR must provide a copy of all notifications to the VILLAGE.

END OF SECTION

SECTION 04: SCOPE OF SERVICES

The Village of Palmetto Bay, Florida has issued this Invitation To Bid (ITB) to solicit competitive bids and proposals from qualified Contractor for Safe Routes to School (SRTS) Improvements near and around *Coral Reef Elementary* 7895 SW 152nd Street, Palmetto Bay, FL 33157, *Howard Drive Elementary* 7750 SW 136th Street, Palmetto Bay, FL 33156 and *Perrine Elementary* 8851 SW 168th Street, Palmetto Bay, FL 33157.

4.1 DEFINITIONS

Department means State of Florida Department of Transportation.

Local Agency/Village of Palmetto Bay means a unit of government with less than statewide jurisdiction or any officially designated public agency or authority of such a unit of government that has the responsibility for planning, construction, operation or maintenance of, or jurisdiction over, a transportation facility. The term includes, but is not limited to, a county, an incorporated municipality, a metropolitan planning organization (MPO), an expressway or transportation authority, a road and bridge district, a special road and bridge district or a regional governmental unit.

USDOT means United States Department of Transportation.

4.2 DESCRIPTION OF WORK

The project shall include but not be limited to, the installation of plastic delineators, ADA ramps with detectable warning pads on walking surface, sidewalks, crosswalk pavement markings, signage, and solar powered pedestrian crossing signals. See attached plans on pages 189-216.

4.2.1 CONTRACTOR RESPONSIBILITY

The Contractor shall be responsible for survey, geotechnical investigation, design, acquisition of all permits not acquired by the Village, any required modification of permits acquired by the Village, maintenance of traffic, demolition, and construction on or before the date indicated in their proposal. The Contractor will coordinate all utility relocations.

The Contractor is hereby made aware that **all conditions** in the ITB are made part of the Agreement and in turn the Agreement is made a part of the ITB.

The Construction Criteria sets forth requirements regarding survey, construction, and maintenance of traffic during construction, requirements relative to project management, scheduling, and coordination with other agencies and entities such as Village and county government, utilities and environmental permitting agencies and the public.

The Contractor shall demonstrate good project management practices while working on this

project. These include communication with the Village and others as necessary, management of time and resources and documentation.

The Proposer shall be responsible for verifying and supplementing as necessary the information provided by the Village of Palmetto Bay.

The selected Contractor shall make available the necessary personnel, facilities, supplies, materials and resources to perform the required Work.

The Work under the Contract shall commence upon receipt of a written Notice to Proceed (“NTP”) from the Village of Palmetto Bay.

The Project has an estimated duration of one-hundred and twenty (120) Calendar Days.

This Solicitation is under the “Cone of Silence”. Please refer to the section herein entitled.

4.2.2 VILLAGE OF PALMETTO BAY RESPONSIBILITY

Village of Palmetto Bay, by separate solicitation, will utilize the services of other consultants to assist the Village in providing contract administration, management services, CE&I Services and technical reviews of the Work associated with the Project.

Village of Palmetto Bay is providing herein typical section relevant and necessary for Proposers to prepare a Price Proposal for the Project. The exact limits of construction are specified in the construction plans.

END OF SECTION

SECTION 05: THRESHOLD REQUIREMENTS.

5.1 QUALIFICATIONS

Proposers are required to be pre-qualified in all work types required for the project. All qualification requirements of Florida Administrative Code (F.A.C.) Chapter 14-22, based on the applicable category of the project, must be satisfied.

Proposers shall demonstrate compliance with the following Pre-Qualification Requirements as detailed below and Proposers failing to meet these requirements shall be deemed non responsive.

The Proposer and/or its Subcontractors shall, from the time of Proposal submittal, time of award, and throughout the duration of the Contract, continue to meet the following requirements as stated in this ITB.

The Prime Contractor will be responsible for enforcing the federal requirements as per the FHWA 1273.

5.2 PRE-QUALIFICATION CRITERIA

5.2.1 The Contractor and/or its Subcontractors shall be prequalified pursuant to Rule 14-22 of the Florida Administrative Code (F.A.C.), as applicable, in the following types of Work and so demonstrate it in its proposal by submitting supportive documentation acceptable to **Village of Palmetto Bay** (including FDOT “L. Odom” letters):

A. RULE 14-22 OF THE FLORIDA ADMINISTRATIVE CODE (F.A.C.)

Please note that **prior to award**, the Contractor and/or its Subcontractors shall be prequalified, at a minimum, under Rule 14-22 of the Florida Administrative Code (F.A.C.), in the following types of work in order to be considered responsive:

- Grading (minor),
- Portland Cement Concrete (major & Prime),
- Flexible Paving (major & Prime),
- Hot Plant-Mix Bituminous Courses (major & Prime), and
- Traffic Signal (minor)

5.3 ADDITIONAL SUBMITTAL REQUIREMENTS

5.3.1 The Contractor must provide the location of the Proposer’s office(s). If the Proposer has offices outside Miami-Dade County, the Proposer shall submit an affirmative statement confirming that, if selected, it will have a representative on site during all mandatory local meetings in Miami-Dade County, and be available by phone or email for any issues or questions.

5.3.2 Letter from insurance carrier certifying ability to comply with the Insurance Requirements for the Project.

5.3.3 The Contractor shall execute a Vendor's Bill of Rights and Responsibilities.

5.4 SUBCONTRACTORS

All Subcontractors are subject to Village approval. The Village reserves the right to reject any and all Subcontractors listed by the Proposer and bears no responsibility or liability to the Proposer or Subcontractor for any commitments made regarding the use of particular Subcontractor for the Project. Furthermore, the Village reserves the right to limit the tasks to be assigned to any Subcontractor. Subcontractors will need to abide by the same provisions and requirements with Federal-Aid Construction Contracts. Under FHWA 1273 and FDOT, the prime shall perform 40% of the project. The Village of Palmetto will uphold 40% performance by the prime.

The Proposer shall submit with the Proposal, as applicable to this procurement, the Prime & Subcontractor Information Statement which shall include a list of all Subcontractors that may perform the Work in the Contract for which pre-qualifications/certifications are required at the time of submission in accordance with the section herein entitled **Pre-Qualification Requirements**.

All proposed Subcontractors shall be qualified both technically and financially to perform the Work for which they are listed.

Except as permitted in the section herein entitled **Allowable Substitution for a Limited Purpose**, if before the Notice of Award is issued, The Village has a reasonable objection to any proposed Sub-Contractor, The Village may request the apparent Successful Proposer to submit an acceptable substitute at no additional cost to The Village and subject to The Village's prior written approval. If the apparent Successful Proposer declines to make any such substitution, then The Village may award the Contract to another Proposer. If The Village does not make a written objection to the Subcontractors submitted by the Proposer, in accordance with the requirements herein, prior to issuance of the Notice of Award, then such list will be deemed acceptable to The Village.

Proposers will be evaluated based on their team as submitted in their Proposal. As such, no changes can be made to the proposed team, without a justifiable cause, and written approval from the Village.

5.5 PRICE PROPOSAL GUARANTEE

A bid guaranty in an amount of not less than five percent of the total bid amount shall accompany each Proposer's Price Proposal. The guaranty may, at the discretion of the Proposer, be in the form of a cashier's check, bank money order, bank draft of any national or state bank, certified check, or surety bond, payable to the **Village of Palmetto Bay**. The surety on any bid bond shall be a company recognized to execute bid bonds for contracts of the State of Florida. The guaranty shall stand for the Proposer's obligation to timely and properly execute the contract and supply all other submittals due therewith. The amount of the guaranty shall be a liquidated sum, which shall be due in full in the event of default, regardless of the actual damages suffered. The bid guaranty of all Proposers' shall be released at such time as the successful Proposer has complied with the condition stated herein, but not prior to that time. Form 525-010-46 "LAP CERTIFICATION OF CURRENT CAPACITY" is located on pages 232-233 in **Appendix "C" – "FDOT Required Forms" as an attachment to this ITB.**

5.6 PRE-PROPOSAL MEETING

Attendance at the pre-proposal meeting is **mandatory** and any short listed Proposer who fails to attend will be deemed non-responsive and automatically disqualified from further consideration. All questions of Proposers to be discussed at the pre-proposal meeting must be submitted in writing by the deadline stated in the Schedule of Events. The purpose of this meeting is to provide a forum for all concerned parties to discuss the proposed project, answer questions on the construction criteria, CPM schedule, and method of compensation, instructions for submitting proposals, and other relevant issues. In the event that any discussions or questions at the pre-proposal meeting require, in the **Village of Palmetto Bay's** opinion, official additions, deletions, or clarifications of the Request for Proposal, the Design and Construction Criteria, or any other document, the **Village of Palmetto Bay** will issue a written summary of questions and answers or an addendum to this Request for Proposals as the **Village of Palmetto Bay** determines is appropriate. No oral representations or discussions, which take place at the pre-proposal meeting, will be binding on the **Village of Palmetto Bay**. The Proposers will be instructed to direct all questions after the meeting to one entity, either the Project Manager or the Contracting Unit.

During and after the meeting, it is the responsibility of the prospective bidder to ensure that each proposer submits their sealed bid packet is submitted with the same information. If a Proposer receives information from the **Village of Palmetto Bay** relating to the project prior to the information cutoff date, the **Village of Palmetto Bay** will ensure that all Proposers receive the same information in a timely fashion.

5.7 PROTEST RIGHTS

Protests must be submitted in writing to the Village Manager or his designee no later than ten (10) days prior to scheduled award by the Village Council.

Nicholas Marano, Village Manager,
Village of Palmetto Bay
c/o Yanara Mondroño, Executive Asst.to the Village Manager
9705 E. Hibiscus St.
Palmetto Bay, Florida 33157

Should the matter not be resolved to the satisfaction of the Bidder, the appeal shall be heard by the Village Council. The Village Manager or his designee shall act as the Village's representative, in issuance and administration of all contracts, and shall issue and receive all documents, notices, and all correspondence. Any documentation not issued by or received by the Village Manager or his designee shall be null and void.

All costs accruing from a Bid or award challenged as quality, etc. (test, etc.) shall be assumed by the challenger.

The decision of the Village Council shall be final and conclusive. Their decision shall be binding on all parties concerned, reviewable by a court of competent jurisdiction in Miami-Dade County, in accordance with laws of the State of Florida.

5.8 NON-RESPONSIVE PROPOSALS

Proposals found to be non-responsive shall not be considered. Proposals may be rejected if found to be in nonconformance with the requirements and instructions herein contained. A proposal may be found to be non-responsive by reasons, including, but not limited to, failure to utilize or complete prescribed forms, conditional proposals, incomplete proposals, indefinite or ambiguous proposals, failure to meet deadlines and improper and/or undated signatures.

Other conditions which may cause rejection of proposals include evidence of collusion among Proposers, obvious lack of experience or expertise to perform the required work, submission of more than one proposal for the same work from an individual, firm, or corporation under the same or a different name, failure to perform or meet financial obligations on previous contracts, employment of unauthorized aliens in violation of Section 274A (e) of the Immigration and Nationalization Act, or in the event an individual, firm, partnership, or corporation is on the United States Comptroller General's List of Ineligible Contractors for Federally Financed or Assisted Projects.

Proposals will also be rejected if not delivered or received on or before the date and time specified as the due date for submission.

5.9 WAIVER OF IRREGULARITIES

The **Village of Palmetto Bay** may waive minor informalities or irregularities in proposals received where such is merely a matter of form and not substance, and the correction or waiver of which is not prejudicial to other Proposers. Minor irregularities are defined as those that will not have an adverse effect on the **Village of Palmetto Bay's** interest and will not affect the price of the Proposals by giving a Proposer an advantage or benefit not enjoyed by other Proposers.

1. In no event will any such elections by the **Village of Palmetto Bay** be deemed to be a waiving of the Construction Criteria.
2. The Proposer who is selected for the project will be required to fully comply with the Construction Criteria for the price bid, regardless that the proposal may have been based on a variation from the Construction Criteria.
3. Proposers shall identify separately all innovative aspects as such in the Technical Proposal. An innovative aspect does not include revisions to specifications or established **Village of Palmetto Bay** policies. Innovation should be limited to Contractor's means and methods, roadway alignments, approach to project, use of new products, new uses for established products, etc.
4. The Proposer shall obtain any necessary permits or permit modifications not already provided.

5.10 MODIFICATION OR WITHDRAWAL OF PROPOSAL

Proposers may modify or withdraw previously submitted proposals at any time prior to the proposal due date. Requests for modification or withdrawal of a submitted proposal shall be in writing and shall be signed in the same manner as the proposal. Upon receipt and acceptance of such a request, the entire proposal will be returned to the Proposer and not considered unless resubmitted by the due date and time. Proposers may also send a change in sealed envelope to be opened at the same time as the proposal provided the change is submitted prior to the proposal due date.

5.11 VILLAGE OF PALMETTO BAY'S RESPONSIBILITIES

This Request for Proposal does not commit the **Village of Palmetto Bay** to make studies or designs for the preparation of any proposal, nor to procure or contract for any articles or services. Proposers shall examine the Contract Documents and the site of the proposed work carefully before submitting a proposal for the work contemplated and shall investigate the conditions to be encountered, as to the character, quality, and quantities of work to be performed and materials to be furnished and as to the requirements of all Contract Documents. Written notification of differing site conditions discovered during the design or construction phase of the project will be given to the **Village of Palmetto Bay's** Project Manager.

The **Village of Palmetto Bay** does not guarantee the details pertaining to borings, as shown on any documents supplied by the **Village of Palmetto Bay**, to be more than a general indication of the materials likely to be found adjacent to holes bored at the site of the work, approximately at the locations indicated. Proposers shall examine boring data, where available, and make their own

interpretation of the subsoil investigations and other preliminary data and shall base his bid on his own opinion of the conditions likely to be encountered. The submission of a proposal is prima facie evidence that the Proposer has made an examination as described in this provision.

5.12 CONTRACT

The **Village of Palmetto Bay** will enter into a lump sum contract with the successful Contractor. In accordance with the project requirements and provisions for work and adapting the provisions of FHWA 1273 pertaining to Federal-Aided construction contracts, the Contractor will provide a schedule of values based on the “Bid Form” which is a separate .pdf file to the **Village of Palmetto Bay** for their approval. The total of the Schedule of Values (Bid Form) will be the final contract amount calculated by lump sum.

The terms and conditions of this contract are fixed price and fixed time. The Contractors submitted bid (time and cost) is to be a lump sum bid for completing the scope of work detailed in the Request for Proposal.

END OF SECTION

SECTION 06: FDOT'S DISADVANTAGED BUSINESS ENTERPRISE (DBE) PROGRAM.

6.1 LAP DIVISION 1 SPECIFICATIONS-SECTION 4-3.

4-3 Alteration of Plans or of Character of Work:

4-3.1 General: The Engineer reserves the right to make, at any time prior to or during the progress of the work, such increases or decreases in quantities, whether a significant change or not, and such alterations in the details of construction, whether a substantial change or not, including but not limited to alterations in the grade or alignment of the road or structure or both, as may be found necessary or desirable by the Engineer. Such increases, decreases or alterations shall not constitute a breach of Contract, shall not invalidate the Contract, nor release the Surety from any liability arising out of this Contract or the Surety bond. The Contractor agrees to perform the work, as altered, the same as if it had been a part of the original Contract.

The term "significant change" applies only when:

1. The Engineer determines that the character of the work as altered differs materially in kind or nature from that involved or included in the original proposed construction, or
2. a major item of work, as defined in 1-3, is increased in excess of 125% or decreased below 75% of the original Contract quantity. The Department will apply any price adjustment for an increase in quantity only to the portion in excess of 125% of the original Contract item quantity in accordance with 4.2.4 below.

In the case of a decrease below 75%, the Department will only apply a price adjustment for the additional costs that are a direct result of the reduction in quantity.

In (1) above, the determination by the Engineer shall be conclusive. If the determination is challenged by the Contractor in any proceeding, the Contractor must establish by clear and convincing proof that the determination by the Engineer was without any reasonable basis.

4-3.2 Increase, Decrease or Alteration in the Work:

The Engineer reserves the right to make alterations in the character of the work which involve a substantial change in the nature of the design or in the type of construction or which materially increases or decreases the cost or time of performance. Such alteration shall not constitute a breach of Contract, shall not invalidate the Contract or release the Surety.

Notwithstanding that the Contractor shall have no formal right whatsoever to any extra compensation or time extension deemed due by the Contractor for any cause unless and until the Contractor follows the procedures set forth in 5-12.2 for preservation, presentation and resolution of the claim, the Contractor may at any time, after having otherwise timely submitted a notice of intent to claim or preliminary time extension request pursuant to 5-12.2 and 8-7.3.2, submit to the

Department a request for equitable adjustment of compensation or time or other dispute resolution proposal. The Contractor shall in any request for equitable adjustment of compensation, time, or other dispute resolution proposal certify under oath and in writing, in accordance with the formalities required by Florida law, that the request is made in good faith, that any supportive data submitted is accurate and complete to the Contractor's best knowledge and belief, and that the amount of the request accurately reflects what the Contractor in good faith believes to be the Department's responsibility. Such certification must be made by an officer or director of the Contractor with the authority to bind the Contractor. Any such certified statements of entitlement and costs shall be subject to the audit provisions set forth in 5-12.14. While the submittal or review of a duly certified request for equitable adjustment shall neither create, modify, nor activate any legal rights or obligations as to the Contractor or the Department, the Department will review the content of any duly certified request for equitable adjustment or other dispute resolution proposal, with any further action or inaction by the Department thereafter being in its sole discretion. Any request for equitable adjustment that fails to fully comply with the certification requirements will not be reviewed by the Department.

The monetary compensation provided for below constitutes full and complete payment for such additional work and the Contractor shall have no right to any additional monetary compensation for any direct or indirect costs or profit for any such additional work beyond that expressly provided below. The Contractor shall be entitled to a time extension only to the extent that the performance of any portion of the additional work is a controlling work item and the performance of such controlling work item actually extends completion of the project due to no fault of the Contractor. All time related costs for actual performance of such additional work are included in the compensation already provided below and any time extension entitlement hereunder will be without additional monetary compensation. The Contractor shall have no right to any monetary compensation or damages whatsoever for any direct or indirect delay to a controlling work item arising out of or in any way related to the circumstances leading up to or resulting from additional work (but not relating to the actual performance of the additional work, which is paid for as otherwise provided herein), except only as provided for under 5-12.6.2.1.

4-3.2.1 Allowable Costs for Extra Work:

The Engineer may direct in writing that extra work be done, and, at the Engineer's sole discretion, the Contractor will be paid pursuant to an agreed Supplemental Agreement or in the following manner:

1. Labor and Burden: The Contractor will receive payment for actual costs of direct labor and burden for the additional or unforeseen work. Labor includes foremen actually engaged in the work; and will not include project supervisory personnel nor necessary on-site clerical staff, except when the additional or unforeseen work is a controlling work item and the performance of such controlling work item actually extends completion of the project due to no fault of the Contractor. Compensation for project supervisory personnel, but in no case higher than a Project Manager's position, shall only be for the pro-rata time such supervisory personnel spent on the contract. In no case shall an officer or director of the Company, nor those

persons who own more than 1% of the Company, be considered as project supervisory personnel, direct labor or foremen hereunder.

Payment for burden shall be limited solely to the following:

Table 4-1	
Item	Rate
FICA	Rate established by Law
FUTA/SUTA	Rate established by Law
Medical Insurance	Actual
Holidays, Sick & Vacation benefits	Actual
Retirement benefits	Actual
Workers Compensation	Rates based on the National Council on Compensation Insurance basic rate tables adjusted by Contractor's actual experience modification factor in effect at the time of the additional work or unforeseen work.
Per Diem	Actual but not to exceed State of Florida's rate
Insurance*	Actual
*Compensation for Insurance is limited solely to General Liability Coverage and does not include any other insurance coverage (such as, but not limited to, Umbrella Coverage, Automobile Insurance, etc.).	

At the Pre-construction conference, certify to the Engineer the following:

- a. A listing of on-site clerical staff, supervisory personnel and their pro-rated time assigned to the contract,
- b. Actual Rate for items listed in Table 4-1,
- c. Existence of employee benefit plan for Holiday, Sick and Vacation benefits and a Retirement Plan, and,
- d. Payment of Per Diem is a company practice for instances when compensation for Per Diem is requested.

Such certification must be made by an officer or director of the Contractor with authority to bind the Contractor. Timely certification is a condition precedent to any right of the Contractor to recover compensations for such costs, and failure to timely submit the certification will constitute a full, complete, absolute and irrevocable waiver by the Contractor of any right to recover such costs. Any subsequent changes shall be certified to the Engineer as part of the cost proposal or seven calendar days in advance of performing such extra work.

2. Materials and Supplies: For materials accepted by the Engineer and used on the project, the Contractor will receive the actual cost of such materials incorporated into the work, including Contractor paid transportation charges (exclusive of equipment as hereinafter set forth). For supplies reasonably needed for performing the work, the Contractor will receive the actual cost of such supplies.

3. Equipment: For any machinery or special equipment (other than small tools), including fuel and lubricant, the Contractor will receive 100% of the “Rental Rate Blue Book” for the actual time that such equipment is in operation on the work, and 50% of the “Rental Rate Blue Book” for the time the equipment is directed to standby and remain on the project site, to be calculated as indicated below. The equipment rates will be based on the latest edition (as of the date the work to be performed begins) of the “Rental Rate Blue Book for Construction Equipment” as published by EquipmentWatch, a division of Informa Business Media, Inc., using all instructions and adjustments contained therein and as modified below. On all projects, the Engineer will adjust the rates using regional adjustments and Rate Adjustment Tables according to the instructions in the “Rental Rate Blue Book.”

Allowable Equipment Rates will be established as set out below:

- a. Allowable Hourly Equipment Rate = Monthly Rate/176
x Adjustment Factors x 100%.
- b. Allowable Hourly Operating Cost = Hourly Operating
Cost x 100%.
- c. Allowable Rate Per Hour = Allowable Hourly
Equipment Rate + Allowable Hourly Operating Cost.
- d. Standby Rate = Allowable Hourly Equipment
Rate x 50%.

The Monthly Rate is The Basic Machine Rate Plus Any Attachments. Standby rates will apply when equipment is not in operation and is directed by the Engineer to standby at the project site when needed again to complete work and the cost of moving the equipment will exceed the accumulated standby cost. Standby rates will not apply on any day the equipment operates for eight or more hours. Standby payment will be limited to only that number of hours which, when added to the operating time for that day equals eight hours. Standby payment will not be made on days that are not normally considered work days on the project.

The Department will allow for the cost of transporting the equipment to and from the location at which it will be used. If the equipment requires assembly or disassembly for transport, the Department will pay for the time to perform this work at the rate for standby equipment.

Equipment may include vehicles utilized only by Labor, as defined above.

4. Indirect Costs, Expenses, and Profit: Compensation for all indirect costs, expenses, and profit of the Contractor, including but not limited to overhead of any kind, whether jobsite, field office, division office, regional office, home office, or otherwise, is expressly limited to the greater of either (a) or (b) below:

- a. Solely a mark-up of 17.5% on the payments in (1) through (3), above.
 - 1. Bond: The Contractor will receive compensation for any premium for acquiring a bond for such additional or unforeseen work at the original Contract bond rate paid

by the Contractor. No compensation for bond premium will be allowed for additional or unforeseen work paid by the Department via initial contingency pay item.

2. The Contractor will be allowed a markup of 10% on the first \$50,000 and a markup of 5% on any amount over \$50,000 on any subcontract directly related to the additional or unforeseen work. Any such subcontractor mark-up will be allowed only by the prime Contractor and a first-tier subcontractor, and the Contractor must elect the markup for any eligible first tier subcontractor to do so.

b. Solely the formula set forth below and only as applied solely as to such number of calendar days of entitlement that are in excess of ten cumulative calendar days as defined below.

$$D = \frac{A \times C}{B}$$

Where A = Original Contract Amount

B = Original Contract Time

C = 8%

D = Average Overhead Per Day

Cumulative Calendar Days is defined as the combined total number of calendar days granted as time extensions due to either extra work, excluding overruns to existing contract items, that extend the duration of the project or delay of a controlling work item caused solely by the Department, or the combined total number of calendar days for which a claim of entitlement to a time extension due to delay of a controlling work item caused solely by the Department is otherwise ultimately determined to be in favor of the Contractor.

No compensation, whatsoever, will be paid to the Contractor for any jobsite overhead and other indirect impacts when the total number of calendar days granted for time extension due to delay of a controlling work item caused solely by the Department is, or the total number of calendar days for which entitlement to a time extension due to delay of a controlling work item caused solely by the Department is otherwise ultimately determined in favor of the Contractor to be, equal to or less than ten calendar days and the Contractor also fully assumes all monetary risk of any and all partial or single calendar day delay periods, due to delay of a controlling work item caused solely by the Department, that when combined together are equal to or less than ten calendar days and regardless of whether monetary compensation is otherwise provided for hereunder for one or more calendar days of time extension entitlement for each calendar day exceeding ten calendar days. All calculations under this provision shall exclude weather days, Holidays, and Special Events.

Further, for (a) and (b) above, in the event there are concurrent delays to one or more controlling work items, one or more being caused by the Department and one or more being caused by the Contractor, the Contractor shall be entitled to a time extension for each day that a controlling work item is delayed by the Department but shall have no right to nor receive any monetary compensation for any indirect costs for any days of concurrent delay.

4-3.2.2 Subcontracted Work:

Compensation for the additional or unforeseen work performed by a subcontractor shall be limited solely to that provided for in 4.2.5 (1), (2), (3) and (4)(a). In addition, the Contractor compensation is expressly limited to the greater of the total provided in either 4.2.5(4)(a) or (4)(b), except that the Average Overhead Per-Day calculation is as follows:

$$Ds = \frac{As \times C}{B}$$

Where As = Original Contract Amount minus Original

Subcontract amounts(s)*

B = Original Contract Time

C = 8%

Ds = Average Overhead Per-Day

* deduct Original Subcontract Amount(s) of subcontractor(s) performing the work

The subcontractor may receive compensation for any premium for acquiring a bond for the additional or unforeseen work; provided, however, that such payment for additional subcontractor bond will only be paid upon presentment to the Department of clear and convincing proof that the subcontractor has actually submitted and paid for separate bond premiums for such additional or unforeseen work in such amount and that the subcontractor was required by the Contractor to acquire a bond.

The Contractor shall require the subcontractor to submit a certification, in accordance with 4.2.5 (1), as part of the cost proposal and submit such to the Engineer. Such certification must be made by an officer or director of the subcontractor with authority to bind the subcontractor. Timely certification is a condition precedent to any right of the Contractor to recover compensation for such subcontractor costs, and failure to timely submit the certification will constitute a full, complete, absolute and irrevocable waiver by the Contractor of any right to recover such subcontractor costs.

4-3.3 No Waiver of Contract:

Changes made by the Engineer will not be considered to waive any of the provisions of the Contract, nor may the Contractor make any claim for loss of anticipated profits because of the changes, or by reason of any variation between the approximate quantities and the quantities of work actually performed. All work shall be performed as directed by the Engineer and in accordance with the Contract Documents.

4-3.4 Conditions Requiring a Supplemental Agreement or Unilateral Payment:

A Supplemental Agreement or Unilateral Payment will be used to clarify the Plans and Specifications of the Contract; to provide for unforeseen work, grade changes, or alterations in the Plans which could not reasonably have been contemplated or foreseen in the original Plans and Specifications; to change the limits of construction to meet field conditions; to provide a safe

and functional connection to an existing pavement; to settle documented Contract claims; to make the project functionally operational in accordance with the intent of the original Contract and subsequent amendments thereto.

A Supplemental Agreement or Unilateral Payment may be used to expand the physical limits of the project only to the extent necessary to make the project functionally operational in accordance with the intent of the original Contract. The cost of any such agreement extending the physical limits of the project shall not exceed \$100,000 or 10% of the original Contract price, whichever is greater.

Perform no work to be covered by a Supplemental Agreement or Unilateral Payment before written authorization is received from the Engineer. The Engineer's written authorization will set forth sufficient work information to allow the work to begin. The work activities, terms and conditions will be reduced to written Supplemental Agreement or Unilateral Payment form promptly thereafter. No payment will be made on a Supplemental Agreement or Unilateral Payment prior to the Department's approval of the document.

4-3.5 Extra Work:

Extra work authorized in writing by the Engineer will be paid in accordance with the formula in 4-3.2. Such payment will be the full extent of all monetary compensation entitlement due to the Contractor for such extra work. Any entitlement to a time extension due to extra work will be limited solely to that provided for in 4-3.2 for additional work.

4-3.6 Connections to Existing Pavement, Drives and Walks:

Generally, adhere to the limits of construction at the beginning and end of the project as detailed in the Plans. However, if the Engineer determines that it is necessary to extend the construction in order to make suitable connections to existing pavement, the Engineer will authorize such a change in writing.

For necessary connections to existing walks and drives that are not indicated in the Plans, the Engineer will submit direction regarding the proper connections in accordance with the Design Standards.

4-3.7 Differing Site Conditions:

During the progress of the work, if subsurface or latent physical conditions are encountered at the site differing materially from those indicated in the Contract, or if unknown physical conditions of an unusual nature differing materially from those ordinarily encountered and generally recognized as inherent in the work provided for in the Contract are encountered at the site, the party discovering such conditions shall promptly notify the other party in writing of the specific differing conditions before the Contractor disturbs the conditions or performs the affected work.

Upon receipt of written notification of differing site conditions from the Contractor, the Engineer will investigate the conditions, and if it is determined that the conditions materially differ and cause an increase or decrease in the cost or time required for the performance of any work under the Contract, an adjustment will be made, excluding loss of anticipated profits, and

the Contract will be modified in writing accordingly. The Engineer will notify the Contractor whether or not an adjustment of the Contract is warranted.

The Engineer will not allow a Contract adjustment for a differing site condition unless the Contractor has submitted the required written notice.

The Engineer will not allow a Contract adjustment under this clause for any effects caused to any other Department or non-Department projects on which the Contractor may be working.

4-3.8 Changes Affecting Utilities:

The Contractor shall be responsible for identifying and assessing any potential impacts to a utility that may be caused by the changes proposed by the Contractor, and the Contractor shall at the time of making the request for a change notify the Department in writing of any such potential impacts to utilities.

Department approval of a Contractor proposed change does not relieve the Contractor of sole responsibility for all utility impacts, costs, delays or damages, whether direct or indirect, resulting from Contractor initiated changes in the design or construction activities from those in the original Contract Specifications, Design Plans (including Traffic Control Plans) or other Contract Documents and which effect a change in utility work different from that shown in the Utility Plans, joint project agreements or utility relocation schedules.

6.2 LAP DIVISION 1 SPECIFICATIONS-SECTION 5-12.

5-12 Claims by Contractor.

5-12.1 General: When the Contractor deems that extra compensation or a time extension is due beyond that agreed to by the Engineer, whether due to delay, additional work, altered work, differing site conditions, breach of Contract, or for any other cause, the Contractor shall follow the procedures set forth herein for preservation, presentation and resolution of the claim.

Submission of timely notice of intent to file a claim, preliminary time extension request, time extension request, and the certified written claim, together with full and complete claim documentation, are each a condition precedent to the Contractor bringing any circuit court, arbitration, or other formal claims resolution proceeding against the Department for the items and for the sums or time set forth in the Contractor's certified written claim. The failure to provide such notice of intent, preliminary time extension request, time extension request, certified written claim and full and complete claim documentation within the time required shall constitute a full, complete, absolute and irrevocable waiver by the Contractor of any right to additional compensation or a time extension for such claim.

5-12.2 Notice of Claim:

5-12.2.1 Claims For Extra Work: Where the Contractor deems that additional compensation or a time extension is due for work or materials not expressly provided for in the Contract or which is by written directive expressly ordered by the Engineer pursuant to 4-3, the Contractor shall submit written notification to the Engineer of the intention to make a claim for additional compensation before beginning the work on which the claim is based, and if seeking a

time extension, the Contractor shall also submit a preliminary request for time extension pursuant to 8-7.3.2 within ten calendar days after commencement of a delay and a request for Contract Time extension pursuant to 8-7.3.2 within thirty calendar days after the elimination of the delay. If such written notification is not submitted and the Engineer is not afforded the opportunity for keeping strict account of actual labor, material, equipment, and time, the Contractor waives the claim for additional compensation or a time extension. Such notice by the Contractor, and the fact that the Engineer has kept account of the labor, materials and equipment, and time, shall not in any way be construed as establishing the validity of the claim or method for computing any compensation or time extension for such claim. On projects with an original Contract amount of \$3,000,000 or less within 90 calendar days after final acceptance of the project in accordance with 5-11, and on projects with an original Contract amount greater than \$3,000,000 within 180 calendar days after final acceptance of the project in accordance with 5-11, the Contractor shall submit full and complete claim documentation as described in 5-12.3 and duly certified pursuant to 5-12.9. However, for any claim or part of a claim that pertains solely to final estimate quantities disputes the Contractor shall submit full and complete claim documentation as described in 5-12.3 and duly certified pursuant to 5-12.9, as to such final estimate claim dispute issues, within 90 or 180 calendar days, respectively, of the Contractor's receipt of the Department's final estimate.

If the Contractor fails to submit a certificate of claim as described in 5-12.9, the Department will so notify the Contractor in writing. The Contractor shall have ten calendar days from receipt of the notice to resubmit the claim documentation, without change, with a certificate of claim as described in 5-12.9, without regard to whether the resubmission is within the applicable 90 or 180 calendar day deadline for submission of full and complete claim documentation. Failure by the Contractor to comply with the ten-calendar day notice shall constitute a waiver of the claim.

5-12.2.2 Claims For Delay: Where the Contractor deems that additional compensation or a time extension is due on account of delay, differing site conditions, breach of Contract, or any other cause other than for work or materials not expressly provided for in the Contract (Extra Work) or which is by written directive of the Engineer expressly ordered by the Engineer pursuant to 4-3, the Contractor shall submit a written notice of intent to the Engineer within ten days after commencement of a delay to a controlling work item expressly notifying the Engineer that the Contractor intends to seek additional compensation, and if seeking a time extension, the Contractor shall also submit a preliminary request for time extension pursuant to 8-7.3.2 within ten calendar days after commencement of a delay to a controlling work item, as to such delay and providing a reasonably complete description as to the cause and nature of the delay and the possible impacts to the Contractor's work by such delay, and a request for Contract Time extension pursuant to 8-7.3.2 within thirty calendar days after the elimination of the delay. On projects with an original Contract amount of \$3,000,000 or less within 90 calendar days after final acceptance of the project in accordance with 5-11, and on projects with an original Contract amount greater than \$3,000,000 within 180 calendar days after final acceptance of the project in accordance with 5-11, the Contractor shall submit full and complete documentation as described in 5-12.3 and duly certified pursuant to 5-12.9.

If the Contractor fails to submit a certificate of claim as described in 5-12.9, the Department will so notify the Contractor in writing. The Contractor shall have ten

calendar days from receipt of the notice to resubmit the claim documentation, without change, with a certificate of claim as described in 5-12.9, without regard to whether the resubmission is within the applicable 90 or 180 calendar day deadline for submission of full and complete claim documentation. Failure by the Contractor to comply with the ten-calendar day notice shall constitute a waiver of the claim.

There shall be no Contractor entitlement to any monetary compensation or time extension for any delays or delay impacts, whatsoever, that are not to a controlling work item, and then as to any such delay to a controlling work item entitlement to any monetary compensation or time extension shall only be to the extent such is otherwise provided for expressly under 4-3 or 5-12, except that in the instance of delay to a non-controlling item of work the Contractor may be compensated for the direct costs of idle labor or equipment only, at the rates set forth in 4-3.2.1(1) and (3), and then only to the extent the Contractor could not reasonably mitigate such idleness.

5-12.3 Content of Written Claim: As a condition precedent to the Contractor being entitled to additional compensation or a time extension under the Contract, for any claim, the Contractor shall submit a certified written claim to the Department which will include for each individual claim, at a minimum, the following information:

1. A detailed factual statement of the claim providing all necessary dates, locations, and items of work affected and included in each claim;
2. The date or dates on which actions resulting in the claim occurred or conditions resulting in the claim became evident;
3. Identification of all pertinent documents and the substance of any material oral communications relating to such claim and the name of the persons making such material oral communications;
4. Identification of the provisions of the Contract which support the claim and a statement of the reasons why such provisions support the claim, or alternatively, the provisions of the Contract which allegedly have been breached and the actions constituting such breach;
5. A detailed compilation of the amount of additional compensation sought and a breakdown of the amount sought as follows:
 - a. documented additional job site labor expenses;
 - b. documented additional cost of materials and supplies;
 - c. a list of additional equipment costs claimed, including each piece of equipment and the rental rate claimed for each;
 - d. any other additional direct costs or damages and the documents in support thereof;
 - e. any additional indirect costs or damages and all documentation in support thereof.
6. A detailed compilation of the specific dates and the exact number of calendar days sought for a time extension, the basis for entitlement to time for each day, all documentation of the delay, and a breakout of the number of days claimed for each identified event, circumstance or occurrence.

Further, the Contractor shall be prohibited from amending either the bases of entitlement or the amount of any compensation or time stated for any and all issues claimed in the Contractor's written claim submitted hereunder, and any circuit court, arbitration, or other

formal claims resolution proceeding shall be limited solely to the bases of entitlement and the amount of any compensation or time stated for any and all issues claimed in the Contractor's written claim submitted hereunder. This shall not, however, preclude a Contractor from withdrawing or reducing any of the bases of entitlement and the amount of any compensation or time stated for any and all issues claimed in the Contractor's written claim submitted hereunder at any time.

5-12.4 Action on Claim: The Engineer will respond in writing on projects with an original Contract amount of \$3,000,000 or less within 90 calendar days of receipt of a complete claim submitted by a Contractor in compliance with 5-12.3, and on projects with an original Contract amount greater than \$3,000,000 within 120 calendar days of receipt of a complete claim submitted by a Contractor in compliance with 5-12.3. Failure by the Engineer to respond to a claim in writing within 90 or 120 days, respectively, after receipt of a complete claim submitted by the Contractor in compliance with 5-12.3 constitutes a denial of the claim by the Engineer. If the Engineer finds the claim or any part thereof to be valid, such partial or whole claim will be allowed and paid for to the extent deemed valid and any time extension granted, if applicable, as provided in the Contract. No circuit court or arbitration proceedings on any claim, or a part thereof, may be filed until after final acceptance per 5-11 of all Contract work by the Department or denial hereunder, whichever occurs last.

5-12.5 Pre-Settlement and Pre-Judgment Interest: Entitlement to any pre-settlement or pre-judgment interest on any claim amount determined to be valid subsequent to the Department's receipt of a certified written claim in full compliance with 5-12.3, whether determined by a settlement or a final ruling in formal proceedings, the Department shall pay to the Contractor simple interest calculated at the Prime Rate (as reported by the Wall Street Journal as the base rate on corporate loans posted by at least 75% of the nation's 30 largest banks) as of the 60th calendar day following the Department's receipt of a certified written claim in full compliance with 5-12.3, such interest to accrue beginning 60 calendar days following the Department's receipt of a certified written claim in full compliance with 5-12.3 and ending on the date of final settlement or formal ruling.

5-12.6 Compensation for Extra Work or Delay:

5-12.6.1 Compensation for Extra Work: Notwithstanding anything to the contrary contained in the Contract Documents, the Contractor shall not be entitled to any compensation beyond that provided for in 4-3.2.

5-12.6.2 Compensation for Delay: Notwithstanding anything to the contrary contained in the Contract Documents, the additional compensation set forth in 5-12.6.2.1 shall be the Contractor's sole monetary remedy for any delay other than to perform extra work caused by the Department unless the delay shall have been caused by acts constituting willful or intentional interference by the Department with the Contractor's performance of the work and then only where such acts continue after Contractor's written notice to the Department of such interference. The parties anticipate that delays may be caused by or arise from any number of events during the term of the Contract, including, but not limited to, work performed, work deleted, supplemental agreements, work orders, disruptions, differing site conditions, utility conflicts, design changes or defects, time extensions, extra work, right-of-way issues, permitting

issues, actions of suppliers, subcontractors or other contractors, actions by third parties, suspensions of work by the Engineer pursuant to 8-6.1, shop drawing approval process delays, expansion of the physical limits of the project to make it functional, weather, weekends, holidays, special events, suspension of Contract Time, or other events, forces or factors sometimes experienced in construction work. Such delays or events and their potential impacts on the performance by the Contractor are specifically contemplated and acknowledged by the parties in entering into this Contract, and shall not be deemed to constitute willful or intentional interference with the Contractor's performance of the work without clear and convincing proof that they were the result of a deliberate act, without reasonable and good-faith basis, and specifically intended to disrupt the Contractor's performance.

5-12.6.2.1 Compensation for Direct Costs, Indirect Costs, Expenses, and Profit thereon, of or from Delay: For any delay claim, the Contractor shall be entitled to monetary compensation for the actual idle labor and equipment, and indirect costs, expenses, and profit thereon, as provided for in 4-3.2.1(4) and solely for costs incurred beyond what reasonable mitigation thereof the Contractor could have undertaken.

5-12.7 Mandatory Claim Records: After submitting to the Engineer a notice of intent to file a claim for extra work or delay, the Contractor must keep daily records of all labor, material and equipment costs incurred for operations affected by the extra work or delay. These daily records must identify each operation affected by the extra work or delay and the specific locations where work is affected by the extra work or delay, as nearly as possible. The Engineer may also keep records of all labor, material and equipment used on the operations affected by the extra work or delay. The Contractor shall, once a notice of intent to claim has been timely filed, and not less than weekly thereafter as long as appropriate, submit the Contractor's daily records to the Engineer and be likewise entitled to receive the Department's daily records. The daily records to be submitted hereunder shall be done at no cost to the recipient.

5-12.8 Claims For Acceleration: The Department shall have no liability for any constructive acceleration of the work, nor shall the Contractor have any right to make any claim for constructive acceleration nor include the same as an element of any claim the Contractor may otherwise submit under this Contract. If the Engineer gives express written direction for the Contractor to accelerate its efforts, such written direction will set forth the prices and other pertinent information and will be reduced to a written Contract Document promptly. No payment will be made on a Supplemental Agreement for acceleration prior to the Department's approval of the documents.

5-12.9 Certificate of Claim: When submitting any claim, the Contractor shall certify under oath and in writing, in accordance with the formalities required by Florida law, that the claim is made in good faith, that the supportive data are accurate and complete to the Contractor's best knowledge and belief, and that the amount of the claim accurately reflects what the Contractor in good faith believes to be the Department's liability. Such certification must be made by an officer or director of the Contractor with the authority to bind the Contractor.

5-12.10 Non-Recoverable Items: The parties agree that for any claim the Department will not have liability for the following items of damages or expense:

1. Loss of profit, incentives or bonuses;
2. Any claim for other than extra work or delay;
3. Consequential damages, including, but not limited to, loss of bonding capacity, loss of bidding opportunities, loss of credit standing, cost of financing, interest paid, loss of other work or insolvency;
4. Acceleration costs and expenses, except where the Department has expressly and specifically directed the Contractor in writing “to accelerate at the Department’s expense”; nor
5. Attorney fees, claims preparation expenses and costs of litigation.

5-12.11 Exclusive Remedies: Notwithstanding any other provision of this Contract, the parties agree that the Department shall have no liability to the Contractor for expenses, costs, or items of damages other than those which are specifically identified as payable under 5-12. In the event any legal action for additional compensation, whether on account of delay, acceleration, breach of contract, or otherwise, the Contractor agrees that the Department’s liability will be limited to those items which are specifically identified as payable in 5-12.

5-12.12 Settlement Discussions: The content of any discussions or meetings held between the Department and the Contractor to settle or resolve any claims submitted by the Contractor against the Department shall be inadmissible in any legal, equitable, arbitration or administrative proceedings brought by the Contractor against the Department for payment of such claim. Dispute Resolution Board, State Arbitration Board and Claim Review Committee proceedings are not settlement discussions, for purposes of this provision.

5-12.13 Personal Liability of Public Officials: In carrying out any of the provisions of the Contract or in exercising any power or authority granted to the Secretary of Transportation, Engineer or any of their respective employees or agents, there shall be no liability on behalf of any employee, officer or official of the Department for which such individual is responsible, either personally or as officials or representatives of the Department. It is understood that in all such matters such individuals act solely as agents and representatives of the Department.

5-12.14 Auditing of Claims: All claims filed against the Department shall be subject to audit at any time following the filing of the claim, whether or not such claim is part of a suit pending in the Courts of this State. The audit may be performed, at the Department’s sole discretion, by employees of the Department or by any independent auditor appointed by the Department, or both. The audit may begin after ten days written notice to the Contractor, subcontractor, or supplier. The Contractor, subcontractor, or supplier shall make a good faith effort to cooperate with the auditors. As a condition precedent to recovery on any claim, the Contractor, subcontractor, or supplier must retain sufficient records, and provide full and reasonable access to such records, to allow the Department’s auditors to verify the claim and failure to retain sufficient records of the claim or failure to provide full and reasonable access to such records shall constitute a waiver of that portion of such claim that cannot be verified and shall bar recovery thereunder. Further, and in addition to such audit access, upon the Contractor submitting a written claim, the Department shall have the right to request and receive, and the Contractor shall have the affirmative obligation to submit to the Department any and all documents in the possession of the Contractor or its subcontractors, materialmen or suppliers as

may be deemed relevant by the Department in its review of the basis, validity or value of the Contractor's claim.

Without limiting the generality of the foregoing, the Contractor shall upon written request of the Department make available to the Department's auditors, or upon the Department's written request, submit at the Department's expense, any or all of the following documents:

1. Daily time sheets and foreman's daily reports and diaries;
2. Insurance, welfare and benefits records;
3. Payroll register;
4. Earnings records;
5. Payroll tax return;
6. Material invoices, purchase orders, and all material and supply acquisition contracts;
7. Material cost distribution worksheet;
8. Equipment records (list of company owned, rented or other equipment used);
9. Vendor rental agreements and subcontractor invoices;
10. Subcontractor payment certificates;
11. Canceled checks for the project, including, payroll and vendors;
12. Job cost report;
13. Job payroll ledger;
14. General ledger, general journal, (if used) and all subsidiary ledgers and journals together with all supporting documentation pertinent to entries made in these ledgers and journals;
15. Cash disbursements journal;
16. Financial statements for all years reflecting the operations on this project;
17. Income tax returns for all years reflecting the operations on this project;
18. All documents which reflect the Contractor's actual profit and overhead during the years this Contract was being performed and for each of the five years prior to the commencement of this Contract;
19. All documents related to the preparation of the Contractor's bid including the final calculations on which the bid was based;
20. All documents which relate to each and every claim together with all documents which support the amount of damages as to each claim;
21. Worksheets used to prepare the claim establishing the cost components for items of the claim including, but not limited to, labor, benefits and insurance, materials, equipment, subcontractors, and all documents that establish which time periods and individuals were involved, and the hours and rates for such individuals.

5-13 Recovery Rights, Subsequent to Final Payment: The Department reserves the right, if it discovers an error in the partial or final estimates, or if it discovers that the Contractor performed defective work or used defective materials, after the final payment has been made, to

claim and recover from the Contractor or his surety, or both, by process of law, such sums as may be sufficient to correct the error or make good defects in the work and materials.

6.3 LAP DIVISION 1 SPECIFICATIONS-SECTION 7-24.:

7-24 Disadvantaged Business Enterprise Program.

7-24.2 Required Contract and Subcontract DBE Assurance Language: In accordance with 49 CFR 26.13 (b), the Contract FDOT signs with the Contractor (and each subcontract the prime contractor signs with a subcontractor) must include the following assurance: “The Contractor, sub-recipient or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The Contractor shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of DOT-assisted Contracts. Failure by the Contractor to carry out these requirements is a material breach of this Contract, which may result in the termination of this Contract or such other remedy as the recipient deems appropriate, which may include, but is not limited to,

1. Withholding monthly progress payments;
2. Assessing sanctions;
3. Liquidated damages; and/or
4. Disqualifying the Contractor from future bidding as non-responsible.”

7-24.4 DBE Records and Reports: Submit the following through the Equal Opportunity Compliance System:

1. DBE Commitments - at or before the Pre-Construction Conference.
2. Report monthly, through the Equal Opportunity Compliance System on the Department’s Website, actual payments (including retainage) made to DBEs for work performed with their own workforce and equipment in the area in which they are certified. Report payments made to all DBE and Minority Business Enterprise (MBE) subcontractors and DBE and MBE construction material and major suppliers.

The Equal Opportunity Office will provide instructions on accessing this system. Develop a record keeping system to monitor DBE affirmative action efforts which include the following:

1. the procedures adopted to comply with these Specifications;
 2. the number of subordinated Contracts on Department projects awarded to DBEs;
 3. the dollar value of the Contracts awarded to DBEs;
 4. the percentage of the dollar value of all subordinated Contracts awarded to DBEs as a percentage of the total Contract amount;
 5. a description of the general categories of Contracts awarded to DBEs;
- and
6. the specific efforts employed to identify and award Contracts to DBEs.

Upon request, provide the records to the Department for review.

Maintain all such records for a period of five years following acceptance of final payment and have them available for inspection by the Department and the Federal Highway Administration.

7-24.5 Counting DBE Participation and Commercially Useful Functions:

49 CFR Part 26.55 specifies when DBE credit shall be awarded for work performed by a DBE. DBE credit can only be awarded for work actually performed by DBEs themselves for the types of work for which they are certified. When reporting DBE Commitments, only include the dollars that a DBE is expected to earn for work they perform with their own workforce and equipment. Update DBE Commitments to reflect changes to the initial amount that was previously reported or to add DBEs not initially reported.

When a DBE participates in a contract, the value of the work is determined in accordance with 49 CFR Part 26.55, for example:

1. The Department will count only the value of the work performed by the DBE toward DBE goals. The entire amount of the contract that is performed by the DBE's own forces (including the cost of supplies, equipment and materials obtained by the DBE for the contract work) will be counted as DBE credit.

2. The Department will count the entire amount of fees or commissions charged by the DBE firm for providing a bona fide service, such as professional, technical, consultant, or managerial services or for providing bonds or insurance specifically required for the performance of a Department-assisted contract, toward DBE goals, provided that the Department determines the fees to be reasonable and not excessive as compared with fees customarily followed for similar services.

3. When the DBE subcontracts part of the work of its contract to another firm, the Department will count the value of the subcontracted work only if the DBE's subcontractor is itself a DBE. Work that a DBE subcontracts to a non-DBE firm does not count toward DBE goals.

4. When a DBE performs as a participant in a joint venture, the Department will count the portion of the dollar value of the contract equal to the distinct, clearly defined portion of the work the DBE performs with its own forces toward DBE goals.

5. The Contractors shall ensure that only expenditures to DBEs that perform a commercially useful function (CUF) in the work of a contract may be counted toward the voluntary DBE goal.

6. A DBE performs a commercially useful function when it is responsible for execution of the work of the contract and is carrying out its responsibilities by actually performing, managing, and supervising the work involved. To perform a commercially useful function, the DBE 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.

7. Contractors wishing to use joint checks involving DBE credit must provide written notice to the District Contract Compliance Office prior to issuance of the joint check. The Contractor must also provide a copy of the notice to the DBE subcontractor and maintain a copy with the project records.

8. To determine whether a DBE is performing a commercially useful function, the Department will evaluate the amount of work subcontracted, industry practices, whether the amount the firm is to be paid under the contract is commensurate with the work it is actually performing and the DBE credit claimed for its performance of the work, and other relevant factors.

9. A DBE does not perform a commercially useful function if its role is limited to that of an extra participant in a transaction, contract, or project through which funds are passed in order to obtain the appearance of DBE participation.

10. If a DBE does not perform or exercise responsibility for at least 30% of the total cost of its contract with its own workforce, or if the DBE subcontracts a greater portion of the work of a contract than would be expected on the basis of normal industry practice for the type of work involved, the DBE has not performed a commercially useful function.

7-24.6 Prompt Payments: Meet the requirements of 9-5 for payments to all DBE subcontractors.

6.4 LAP DIVISION 1 SPECIFICATIONS-SECTION 7-31.

7-31 Title VI Assurance – DOT 1050.2A, Appendix A and Appendix E.

7-31.1 Appendix A: During the performance of this Contract, the Contractor, for itself, its assignees and successors in interest (hereinafter referred to as the “Contractor”) agrees as follows:

1. **Compliance with Regulations:** The Contractor shall comply with the Regulations relative to nondiscrimination in Federally-assisted programs of the US Department of Transportation (hereinafter, “USDOT”) Title 49, Code of Federal Regulations, Part 21, as they may be amended from time to time, (hereinafter referred to as the Regulations), which are herein incorporated by reference and made a part of this Contract.

2. **Nondiscrimination:** The Contractor, with regard to the work performed by it during the Contract, shall not discriminate on the basis of race, color, national origin or sex in the selection and retention of sub-contractors, including procurements of materials and leases of equipment. The Contractor shall not participate either directly or indirectly in the discrimination prohibited by Section 21.5 of the Regulations, including employment practices when the Contract covers a program set forth in Appendix B of the Regulations.

3. **Solicitations for subcontractors, including procurements of materials and equipment:** In all solicitations either by competitive bidding or negotiation made by the Contractor for work to be performed under subcontract, including procurements of materials or leases of equipment, each potential subcontractor or supplier shall be notified by the Contractor of the Contractor’s obligations under this contract and the Regulations relative to nondiscrimination on the basis of race, color, national origin, or sex.

4. **Information and Reports:** The Contractor shall provide all information and reports required by the Regulations or directives issued pursuant thereto, and shall permit access to its books, records, accounts, other sources of information and its facilities as may be determined by the Florida Department of Transportation or the Federal Highway Administration, Federal Transit Administration, Federal Aviation Administration, and Federal Motor Carrier Safety Administration to be pertinent to ascertain compliance with such Regulations, order and instructions. Where any information required of a Contractor is in the exclusive possession of another who fails or refuses to furnish this information the Contractor shall so certify to the Florida Department of Transportation, or the Federal Highway Administration, Federal Transit Administration, Federal Aviation Administration, or Federal Motor Carrier Safety

Administration as appropriate, and shall set forth what efforts it has made to obtain the information.

5. Sanctions for Noncompliance: In the event of the Contractor's noncompliance with the nondiscrimination provisions of this Contract, the Florida Department of Transportation shall impose such Contract sanctions as it or the Federal Highway Administration, Federal Transit Administration, Federal Aviation Administration, or Federal Motor Carrier Safety Administration may determine to be appropriate, including, but not limited to:

- a. withholding of payments to the Contractor under the Contract until the Contractor complies, or
- b. cancellation, termination or suspension of the Contract, in whole or in part.

6. Incorporation of Provisions: The Contractor shall include the provisions of this appendix in every subcontract, including procurements of materials and leases of equipment, unless exempt by the Regulations, or directives issued pursuant thereto. The Contractor shall take such action with respect to any subcontract or procurement as the Florida Department of Transportation or the Federal Highway Administration, Federal Transit Administration, Federal Aviation Administration, or Federal Motor Carrier Safety Administration may direct as a means of enforcing such provisions including sanctions for noncompliance, provided, however, that, in the event a Contractor becomes involved in, or is threatened with, litigation with a subcontractor or supplier as a result of such direction, the Contractor may request the Florida Department of Transportation to enter into such litigation to protect the interests of the Florida Department of Transportation, and, in addition, the Contractor may request the United States to enter into such litigation to protect the interests of the United States.

7-31.2 Appendix E: During the performance of this Contract, the Contractor, for itself, its assignees, and successors in interest (hereinafter referred to as the "Contractor" agrees to comply with the following non-discrimination statutes and authorities; including but not limited to:

1. Title VI of the Civil Rights Act of 1964 (42 U.S.C. § 2000d et seq., 78 stat. 252), (prohibits discrimination on the basis of race, color, national origin); and 49 CFR Part 21;
 2. The Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, (42 U.S.C. § 4601), (prohibits unfair treatment of persons displaced or whose property has been acquired of Federal or Federal-aid programs and projects);
 3. Federal-Aid Highway Act of 1973, (23 U.S.C § 324 et seq.), (prohibits discrimination on the basis of sex);
 4. Section 504 of the Rehabilitation Act of 1973 (29 U.S.C. § 794 et seq.), as amended, (prohibits discrimination on the basis of disability); and 49 CFR Part 27;
 5. The Age Discrimination Act of 1975, as amended, (42 U.S.C. § 6101 et seq.), (prohibits discrimination on the basis of age);
 6. Airport and Airway Improvement Act of 1982, (49 U.S.C. 471, Section 47123), as amended, (prohibits discrimination based on race, creed, color national origins or sex);
 7. The Civil Rights Restoration Act of 1987 (PL 100-209), (Broadened the scope, coverage and applicability of Title VI of the Civil Rights Act of 1964, The Age Discrimination Act of 1975 and Section 504 of the Rehabilitation Act of 1973, by expanding the definition of the terms "programs or activities" to include all of the programs or activities of the Federal-aid
-

recipients, sub-recipients and contractors, whether such programs or activities are Federally funded or not);

8. Titles II and III of the Americans with Disabilities Act, which prohibits discrimination on the basis of disability in the operation of public entities, public and private transportation systems, places of public accommodation, and certain testing entities (42 U.S.C. §§ 12131 – 12189) as implemented by Department of Transportation regulations at 49 C.F.R. parts 37 and 38;

9. The Federal Aviation Administration’s Non-discrimination statute (49 U.S.C. § 47123) (prohibits discrimination on the basis of race, color, national origin, and sex);

10. Executive Order 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations, which ensures non-discrimination against minority populations by discouraging programs, policies, and activities with disproportionately high and adverse human health or environmental effects on minority and low-income populations;

11. Executive Order 13166, Improving Access to Services for Persons with Limited English Proficiency, and resulting agency guidance, national origin discrimination includes discrimination because of limited English proficiency (LEP). To ensure compliance with Title VI, you must take reasonable steps to ensure that LEP persons have meaningful access to your programs (70 Fed. Reg. at 74087 to 74100);

12. Title IX of the Education Amendments of 1972, as amended, which prohibits discrimination based on sex in education programs, or activities (20 U.S.C. 1681 et seq.).

6.5 BIDDERS OPPORTUNITY LIST

The Federal DBE Program requires States to maintain a database of all firms that are participating, or attempting to participate, on USDOT-assisted contracts. The list must include all contractors that bid on prime contracts or bid or quote subcontracts on USDOT-assisted projects, including both DBE’s and Non-DBE’s. The bidder has to access the Equal Opportunity Compliance (EOC) System and enter the bidder opportunity information within 3 business days of submission. If the bidder is unable to access the EOC site because it may not be available at the time of bid, an alternate form of tracking is to use the Bid Opportunity form found within APPENDIX ‘C’.

6.6 COMPLIANCE WITH FHWA 1273

The FHWA-1273 Electronic version, dated May 1, 2012 is posted on the Department’s website at the following URL address

<http://www.fdot.gov/programmanagement/Implemented/URLinSpecs/Files/FHWA1273.pdf> .

Take responsibility to obtain this information and comply with all requirements posted on this website up through five calendar days before the opening of bids.

Comply with the provisions contained in FHWA-1273.

If the Department’s website cannot be accessed, contact the Department’s Specifications Office Web Coordinator at (850) 414-4101.

6.7 DBE BID PACKAGE INFORMATION

Located in Appendix “C” on pages 234-235 – “FDOT Required Forms” as an attachment to this ITB.

6.8 COMPLIANCE WITH FEDERAL ENDANGERED SPECIES ACT & OTHER WILDLIFE

Regulations: The Federal Endangered Species Act requires that the Department investigate the potential impact to a threatened or endangered species prior to initiating an activity performed in conjunction with a highway construction project. If the Department’s investigation determines that there is a potential impact to a protected, threatened or an endangered species, the Department will conduct an evaluation to determine what measures may be necessary to mitigate such impact. When mitigation measures and/or special conditions are necessary, these measures and conditions will be addressed in the Contract Documents or in permits as identified in 7-2.1.

In addition, in cases where certain protected, threatened or endangered species are found or appear within close proximity to the project boundaries, the Department has established guidelines that will apply when interaction with certain species occurs, absent of any special mitigation measures or permit conditions otherwise identified for the project.

These guidelines are posted at the following URL address: <http://www.fdot.gov/programmanagement/Implemented/URLinSpecs/files/endangeredwildlifeguidelines.pdf>. Take responsibility to obtain this information and take all actions and precautions necessary to comply with the conditions of these guidelines during all project activities.

Prior to establishing any off-project activity in conjunction with a project, notify the Engineer of the proposed activity. Covered activities include but are not necessarily limited to borrow pits, concrete or asphalt plant sites, disposal sites, field offices, and material or equipment storage sites. Include in the notification the Financial Project ID, a description of the activity, the location of the site by township, range, section, county, and city, a site location map including the access route, the name of the property owner, and a person to contact to arrange a site inspection. Submit this notification at least 30 days in advance of planned commencement of the off-site activity, to allow for the Department to conduct an investigation without delaying job progress.

Do not perform any off-project activity without obtaining written clearance from the Engineer. In the event the Department’s investigation determines a potential impact to a protected, threatened or endangered species and mitigation measures or permits are necessary, coordinate with the appropriate resource agencies for clearance, obtain permits and perform mitigation measures as necessary. Immediately notify the Engineer in writing of the results of this coordination with the appropriate resource agencies. Additional compensation or time will not be allowed for permitting or mitigation, associated with Contractor initiated off-project activities.

Compliance with Section 4(f) of the USDOT Act: Section 4(f) of the USDOT Act prohibits the U. S. Secretary of Transportation from approving a project which requires the use of publicly owned land of a public park, recreation area or a wildlife and waterfowl refuge, or of any historic site of

national, state, or local significance unless there is no prudent or feasible alternative to using that land and the program or project includes all possible planning to minimize the harm to the site resulting from the use.

Before undertaking any off-project activity associated with any federally assisted undertaking, ensure that the proposed site does not represent a public park, recreation area, wildlife or waterfowl refuge, or a historic site (according to the results of the Cultural Resources Survey discussed in 120-6.2). If such a site is proposed, notify the Engineer and provide a description of the proposed off-site activity, the Financial Project ID, the location of the site by township, range, section, a county or city map showing the site location, including the access route and the name of the property. It is the Contractor's responsibility to submit justification for use of Section 4(f) property that is sufficient for the Florida Department of Transportation and the Federal Highway Administration to make a Section 4(f) determination. Submit this notification sufficiently in advance of planned commencement of the off-site activity to allow a reasonable time for the Engineer to conduct an investigation without delaying job progress. Do not begin any off-project activity without obtaining written clearance from the Engineer.

END OF SECTION

SECTION 07: PROJECT REQUIREMENTS AND PROVISIONS FOR WORK.

7.1 PERMITS

7.1.1 PERMITS

The Contractor will be required to obtain all necessary permits from the appropriate Federal, State or local government agencies having jurisdiction over all work related to the project.

All applicable data shall be prepared in accordance with Chapter 373 and 403, Florida Statutes, Chapters 40 and 62, Florida Administrative Code; Rivers and Harbors Act of 1899, Section 404 of the Clean Water Act, and parts 114 and 115, Title 33, Code of Federal Regulations. In addition to these Federal and State permitting requirements, any dredge and fill permitting required by local agencies shall be prepared in accordance with their specific regulations. Acquisition of all applicable permits will be the responsibility of the Contractor. Preparation of complete permit packages will be the responsibility of the Contractor. The Contractor will obtain permits while acting as an authorized representative for the “**Village of Palmetto Bay**” for permitting purposes only. If any agency rejects or denies the permit application, it is the Contractor’s responsibility to make whatever changes necessary to ensure the permit is approved.

The Contractor will be required to pay all permit fees. Any fines levied by permitting agencies shall be the responsibility of the Contractor.

However, notwithstanding anything above to the contrary, upon the Contractor’s preliminary request for extension of Contract Time, the **Village of Palmetto Bay** reserves the authority to make a determination to grant a non-compensable time extension for any impacts beyond the reasonable control of the Contractor in securing permits. Furthermore, as to any such impact, no modification provision will be considered by the **Village of Palmetto Bay** unless the Contractor clearly establishes that it has continuously from the beginning of the project aggressively, efficiently and effectively pursued the securing of the permits including the utilization of any and all reasonably available means and methods to overcome all impacts. There shall be no right of any kind on behalf of the Contractor to challenge or otherwise seek review or appeal in any forum of any determination made by the **Village of Palmetto Bay**.

7.2 VERIFICATION OF EXISTING CONDITIONS

The Contractor shall be responsible for verification of existing conditions, including research of all existing **Village of Palmetto Bay** records and other information.

By execution of the contract, the Contractor specifically acknowledges and agrees that the Contractor is contracting and being compensated for performing adequate investigations of

existing site conditions sufficient to support the design developed by the Contractor and that any information is being provided merely to assist the Contractor in completing adequate site investigations. Notwithstanding any other provision in the contract documents to the contrary, no additional compensation will be paid in the event of any inaccuracies in the preliminary information.

7.2.1 MILESTONES

Component submittals, in addition to the plan submittals listed in the previous section will be required. In addition to various submittals mentioned throughout this document the following milestone submittals will be required.

- Schedule
- Traffic Control Plan Concurrence
- Permits
- Utility Coordination/Relocation
- Start of Construction
- Construction Activities and Phasing
- Final Completion Date for all Work.

7.3 CONTRACT DURATION

The Contractor shall establish the contract duration for the subject project. In no event shall the contract duration exceed 120 calendar days. The schedule supporting the proposed contract duration will be submitted with the Technical Proposal. The Proposed Contract Time (PCT) reflected in the schedule may be amended in the bid proposal. The official PCT will be the one submitted with the Bid Price Proposal.

7.4 PROJECT SCHEDULE

The Contractor shall submit a project schedule, to establish contract duration as part of the Technical Proposal. The proposed schedule should allow 10 working days for **Village of Palmetto Bay** review of project schedule submittals. The minimum number of activities shall be those listed in the payout schedule and those listed below:

- Anticipated Award Date
- Materials Quality Tracking
- Start of Construction
- Clearing and Grubbing
- Construction Mobilization
- Sidewalk Construction
- Signing and Pavement Marking Construction
- Maintenance of Traffic Design
- Maintenance of Traffic Set-Up (per duration)

- Additional Construction Milestones as determined by the Contractor
- Final Completion Date for All Work

7.5 KEY PERSONNEL/STAFFING:

The Contractor's work shall be performed and directed by key personnel identified by the Contractor. Any changes in the indicated personnel shall be subject to review and approval by the **Village of Palmetto Bay's** Project Manager. The Contractor shall have available a professional staff that meets the minimum training and experience set forth in Florida Statute Chapter 455.

7.6 MEETINGS AND PROGRESS REPORTING:

The Contractor shall anticipate periodic meetings with **Village of Palmetto Bay** personnel and other agencies as required for resolution of construction issues. These meetings may include:

- **Village of Palmetto Bay** technical issue resolution
- Permit agency coordination
- Local government agency coordination

During construction, the Contractor shall meet with the **Village of Palmetto Bay's** Project Manager on a weekly basis and provide a one-week look ahead for activities to be performed during the coming week.

The Contractor shall, on a monthly basis, provide written progress reports that describe the items of concern and the work performed on each task.

7.7 CONSTRUCTION

The services performed by the Contractor shall be in compliance with all applicable FDOT standards and specification.

Unless stipulated otherwise, the current edition, including updates and FDOT Temporary Design Bulletins of the following standards and guidelines, shall be used in the performance of the Work. It shall be the Contractor's responsibility to acquire and utilize the necessary specifications that apply to the construction work required to complete the Project. The following is a list of applicable documents, which is not intended to be all-inclusive:

- FDOT Standard Specification for Road and Bridge Construction

7.8 SCHEDULE OF VALUES – (Bid Form Separate .pdf file-Pages 217-222 After Plans)

The Contractor will be responsible for invoicing the **Village of Palmetto Bay** based on current invoicing policy and procedure. Invoicing will be based on the completion or percentage of completion of major, well-defined tasks as defined in the schedule of values (bid form). Final payment will be made upon final acceptance by the **Village of Palmetto Bay** of the construction project. Tracking DBE participation will be required under normal procedures. The Contractor must submit the schedule of values to the **Village of Palmetto Bay** for approval. No invoices shall be submitted prior to **Village of Palmetto Bay** approval of the schedule of values.

Upon receipt of the invoice, the **Village of Palmetto Bay's** Project Manager will make judgment on whether or not work of sufficient quality and quantity has been accomplished by comparing the reported percent complete against actual work accomplished.

The Village will meet the requirements and require prime contractors to meet the requirements of FDOT Std Spec 9-5.6 for payments to all subcontractors.

7.9 CONSTRUCTION ENGINEERING AND INSPECTION

This section is not applicable for this ITB. A separate solicitation will be advertised.

7.9.1 TESTING

The **Village of Palmetto Bay** or its representative will perform verification and resolution testing services in accordance with the latest Specifications. On all Federal Aid Projects, the **Village of Palmetto Bay** or its representative shall perform verification sampling and testing on site as well as off-site locations such as pre-stress plants, batch plants, structural steel and weld, fabrication plants, etc.

7.10 WARRANTS AND GUARANTEES:

The Contractor shall warranty the project for one (1) full year following acceptance of the project as final by the Village of Palmetto Bay.

7.10.1 Contractor warrants and guarantees to the Village that all Work will be in accordance with the Contract Documents and will not be defective. Engineer and its officers, directors, members, partners, employees, agents, consultants, and subcontractors shall be entitled to rely on Contractor's warrants and guarantee.

7.10.2 Contractor's warrants and guarantee hereunder excludes defects or damage caused by:

a. abuse, modification, or improper maintenance or operation by persons other than Contractor, Subcontractors, Suppliers or any other individual or entity for whom Contractor is responsible; or

b. normal wear and tear under normal usage.

7.11 ADJOINING CONSTRUCTION PROJECTS:

The Contractor shall be responsible for coordinating construction activities with other construction projects that are impacted by or impact this project. This includes projects under the jurisdiction of local governments, the **Village of Palmetto Bay**, or other regional and state agencies.

7.12 CONSTRUCTION CLARIFICATION, CONFLICT RESOLUTION, AND ISSUE ESCALATION

In the event that construction or maintenance problems occur, the resolution of those problems will be processed in one of the following two ways:

- If the resolution does not change the original intent of the ITB, then the Village of Palmetto Bay Engineer of Record (EOR) will be responsible for developing the design solution to the construction or maintenance problem and will be responsible for review and response within ten (10) working days. If the resolution does alter the original intent of the ITB then the EOR will develop the proposed solution, and send it to the Village Public Works Department Office for review and response through the Village Project Manager. The Village Public Works Department Office will respond to the proposed solution within ten (10) working days. The Village Public Works Department Office will either concur with the proposed solution or, the issue will be escalated as described in the process below. Changes to the original intent of the ITB will require a contract change order to be approved.
- The Village has established the issue escalation process for construction and maintenance questions and conflict resolution that the Contractor shall follow. All issues are to be directed to the Village Project Manager. If the issue cannot be resolved at this level the Village Project Manager shall forward the issue to the next level in the process. The escalation process begins with the Village Engineer, followed by the Director Public Works. Each level shall have a maximum of (3) three working days to answer, resolve or address the issue. This three (3) day window is a response time and does not infer resolution. Questions may be expressed verbally and followed up in writing. The Village Project Manager will respond in a timely manner but not to exceed three working days. The Contractor shall provide any available supporting documentation.

The Contractor shall provide a similar chain of command for his organization with personnel of similar levels of responsibility.

END OF SECTION

SECTION 08: DESIGN AND CONSTRUCTION CRITERIA.

8.1 UTILITY COORDINATION

The Contractor shall be solely responsible for locating all utilities within the limits of the Project. The Contractor shall be responsible for all utility coordination efforts. These efforts shall include all on-going coordination initiated by Village of Palmetto Bay. These coordination efforts shall include, but are not limited to design reviews, construction oversight, initiating and drafting of all of the necessary legal agreements, preparing relocation schedules, administering utility coordination meetings and seeing that all necessary permits are acquired. Existing utilities that are in the Village of Palmetto Bay right-of-way that are in conflict with the proposed construction shall be redesigned and relocated at the utility owner's expense, and in accordance with FDOT Utility Accommodation Manual, FDOT permits, and/ or Rule 14-46.001 of the Florida Administrative Code. The Contractor, the utility owner, or a combination of both may perform the utility design, relocation and/or new utility construction.

8.2 SEQUENCE OF CONSTRUCTION

The Contractor shall construct the work in a logical manner and with the following objectives as guides:

1. Maintain or improve, to the maximum extent possible, the quality of existing traffic operations, both in terms of flow rate and safety, throughout the duration of the project.
2. Minimize the number of different Traffic Control Plan (TCP) phases, i.e., number of different diversions and detours for a given traffic movement.
3. Take advantage of newly constructed portions of the permanent facility as soon as possible when it is in the best interest of traffic operations and construction activity.
4. Maintain reasonable direct access to adjacent properties at all times, with the exception in areas of limited access right-of-way where direct access is not permitted.
5. Proper coordination with adjacent construction projects and maintaining agencies.

8.3 TRAFFIC CONTROL ANALYSIS

The Contractor shall provide a safe and effective Traffic Control Plan to move vehicular traffic during all phases of construction. The areas shall include, but are not limited to, construction phasing, utility relocation, drainage structures, signalization, ditches, front slopes, back slopes, drop offs within clear zone, and traffic monitoring sites. Special consideration shall be given to the drainage system when developing the construction phases. Positive drainage must be maintained at all times.

The traffic control plan shall address how to assist with maintenance of traffic throughout the duration of the contract.

8.3.1 TRAFFIC CONTROL RESTRICTIONS:

There will be NO LANE CLOSURES ALLOWED between the hours of **7:00 – 9:00 AM** to **4:00 – 6:00 PM**. A lane may only be closed during active work periods. Rolling barricades will be allowed during the approved lane closure hours. All lane closures must be reported to the local emergency agencies, the media and the **Village of Palmetto Bay** information officer. Also, the Contractor shall develop the project to be able to provide for all lanes of traffic to be open in the event of an emergency or if the lane closure causes a driver delay greater than 20 minutes.

8.4 SIGNING AND PAVEMENT MARKING PLANS

Signing shall comply with the applicable MUTCD standards. See appendix for current MUTCD standards.

Off-system signing will require coordination and permits from other government agencies. The Contractor shall be responsible for obtaining all necessary permits, including but not limited to permits from the Village of Palmetto Bay and Miami-Dade County.

Thermoplastic striping will be required for the pavement.

8.5 GENERAL SPECIFICATIONS

The construction plan sheets, notes, and details include the following, as applicable: Key Sheet, General Note sheet(s), Plan sheet(s), and Special Marking Detail sheet(s). Signs and pavement

markings shall be designed in accordance with the Elder Road User Policy, MUTCD and FDOT standards.

8.6 TECHNICAL SPECIAL PROVISIONS

The Technical Special Provisions for all items of Work not covered by the FDOT Standard Specifications, or Supplemental Specifications. Standard Specifications shall not be modified unless necessary to control Project-specific requirements.

8.7 LANDSCAPE AND TREE REMOVAL AND RELOCATION

The scope of work for the Project shall be limited to the removal and relocation of existing landscape and trees that are affected by the Project.

END OF SECTION

SECTION 09: REQUEST FOR PROPOSAL REQUIREMENTS

9.1 GENERAL

Each Contractor being considered for this project is required to submit a Written Response to Proposal. The proposal shall include sufficient information to enable the **Village of Palmetto Bay** to evaluate the capability of the Contractor to provide the desired services. Discussions of past performances on other projects shall be minimized except as they relate to the proposed work.

9.2 SUBMITTAL REQUIREMENTS

One (1) Original and two (2) Copies plus a CD or flash drive with electronic files of the entire Response to Proposal to:

Missy Arocha, Village Clerk
Village of Palmetto Bay
9705 E. Hibiscus Street
Palmetto Bay, FL 33157

9.3 FINAL SELECTION PROCESS

The Project shall be awarded to the lowest responsive responsible bidder.

END OF SECTION

SECTION 10: BID PROPOSAL REQUIREMENTS

10.1 BID PRICE PROPOSAL

For this project, a single “all inclusive” Lump Sum bid item is to be utilized. The components that are to be incorporated in this bid item shall include but not limited to:

- Structures
- Traffic Signings and pavement markings

Bid Price Proposals shall be submitted on the Bid Blank form attached hereto and shall include one lump sum price for the Project and the number of calendar days within which the Proposer will complete the project. The lump sum price shall include all costs for Contractors quality plan, construction of that portion of the Project, and all other work necessary to fully and timely complete the Project in accordance with the Contract Documents, as well as all job site and home office overhead, and profit, it being understood that payment of that amount for that portion of the Project will be full, complete, and final compensation for the work required to complete that portion of the Project. The Price Proposal shall be hand delivered in a separate sealed package to the following:

Missy Arocha, Village Clerk
Village of Palmetto Bay
9705 E Hibiscus Street
Palmetto Bay, FL 33157

The package shall indicate clearly that it is the Price Proposal and shall identify clearly the Proposer’s name, and project description. The Bid Price Proposal shall be secured and unopened until the date specified for opening of Price Proposals.

END OF SECTION

SECTION 11: FEDERAL AND STATE REQUIREMENTS

11.1 AUDITS

11.1.1 Contractor shall comply with the applicable provisions of chapter 119, Florida Statutes (Public Records Law). Contractor shall retain all records associated with the Contract for a period of five (5) years from the date of final payment for all Work performed pursuant to this Contract. The Village or any of their duly authorized representatives shall, until five (5) years after final payment under this Contract, have access to and the right to examine any of the Contractor's books, ledgers, documents, papers, or other records involving transactions related to this Contract for the purpose of making audits, examinations, excerpts, and transcriptions. Agency shall retain document from final Federal Close out.

11.1.2 Contractor agrees to include in first-tier subcontracts under this Contract a clause substantially the same as subparagraph 12.1.1 above. "Subcontract," as used in this clause, excludes purchase orders not exceeding \$10,000.

11.1.3 The right to access and examination of records in subparagraph 12.1.1 shall continue until disposition of any mediation, claims, litigation or appeals.

11.2 BUY AMERICA REQUIREMENTS AND CONVICT LABOR

FDOT SPECIFICATION 6-5.2

6-5.2 Source of Supply-Steel: Use steel and iron manufactured in the United States, in accordance with the Buy America provisions of 23 CFR 635.410, as amended. Ensure that all manufacturing processes for this material occur in the United States. As used in this specification, a manufacturing process is any process that modifies the chemical content, physical shape or size, or final finish of a product, beginning with the initial melting and continuing through the final shaping and coating. If a steel or iron product is taken outside the United States for any manufacturing process, it becomes foreign source material. When using steel or iron materials as a component of any manufactured product (e.g., concrete pipe, prestressed beams, corrugated steel pipe, etc.), these same provisions apply. Foreign steel and iron may be used when the total actual cost of such foreign materials does not exceed 0.1% of the total Contract amount or \$2,500, whichever is greater. These requirements are applicable to all steel and iron materials incorporated into the finished work, but are not applicable to steel and iron items that the Contractor uses but does not incorporate into the finished work. Submit a certification from the manufacturer of steel or iron, or any product containing steel or iron, stating that all steel or iron furnished or incorporated into the furnished product was produced and manufactured in the United States or a statement that the product was produced within the United States except for minimal quantities of foreign steel and iron valued at \$ (actual cost). Submit each such certification to the Engineer prior to incorporating the material or product into the project. Prior to the use of foreign steel or iron materials on a project, submit invoices to document the actual cost of such material, and obtain the Engineer's written approval prior to incorporating the material into the project

11.2.1 Source of Supply–Convict Labor (Federal-Aid Contracts Only): Do not use materials that were produced after July 1, 1991, by convict labor for Federal-aid highway construction projects unless the prison facility has been producing convict-made materials for Federal-aid highway construction projects before July 1, 1987.

Use materials that were produced prior to July 2, 1991, by convicts on Federal-aid highway construction projects free from the restrictions placed on the use of these materials by 23 U.S.C. 114. The Department will limit the use of materials produced by convict labor for use in Federal-aid highway construction projects to:

1. Materials produced by convicts on parole, supervised release, or probation from a prison or,
2. Materials produced in a qualified prison facility.

The amount of such materials produced for Federal-aid highway construction during any 12-month period shall not exceed the amount produced in such facility for use in such construction during the 12-month period ending July 1, 1987.

11.3 CONTRACTOR PURCHASED EQUIPMENT.

This ITB does not allow.

11.4 USE OF PUBLICLY OWNED EQUIPMENT.

This ITB does not allow.

11.5 DEBARMENT OR SUSPENSION

Located in Appendix “C” on page 236 – “FDOT Required Forms” as an attachment to this ITB.

11.6 CHANGES AND EXTRA WORK.

(a) Following authorization to proceed with a project, all major changes in the plans and contract provisions and all major extra work shall have formal approval by the Village Manager in advance and in writing. The Contractor shall not proceed with the additional work or service until a change order has been approved by the Village.

(b) For non-major changes and non-major extra work, formal approval is necessary and shall be communicated to the project manager, if there is a change in form of value, the Village Manager shall need to be notified and the Village, upon acceptance, will provide a change order.

(c) Changes in contract time, the Contactor shall communicate with the Village’s project manager and give reason as to the changes in contract timeline, if approved by the Project Manager and

Village Manager, the Contractor can proceed with the new timeline.

(d) In establishing the method of payment for contract changes or extra work orders, with the signed acknowledgement from the Village, the Village shall in turn either add the extra costs to the purchase order or create a separate purchase order for just those specific changes.

(e) Proposed changes and extra work involved in nonparticipating operations that may affect the design or participating construction features of a project, shall be subject to review and concurrence by the Village's Project Manager and the Village Manager.

11.7 CONTRACT TIME AND CONTRACT TIME EXTENSIONS.

11.7.1 LAP DIVISION 1 SPECIFICATIONS – SECTION 8-7.3.2

(a) The Department may grant an extension of Contract Time when a controlling item of work is delayed by factors not reasonably anticipated or foreseeable at the time of bid. The Department may allow such extension of time only for delays occurring during the Contract Time period or authorized extensions of the Contract Time period. When failure by the Department to fulfill an obligation under the Contract results in delays to the controlling items of work, the Department will consider such delays as a basis for granting a time extension to the Contract.

(b) Whenever the Engineer suspends the Contractor's operations, for reasons other than the fault of the Contractor, the Engineer will grant a time extension for any delay to a controlling item of work due to such suspension. The Department will not grant time extensions to the Contract for delays due to the fault or negligence of the Contractor.

(c) The Department does not include an allowance for delays caused by the effects of inclement weather or suspension of Contractor's operations in establishing Contract Time. The Engineer will continually monitor the effects of weather and, when found justified, grant time extensions on either a bimonthly or monthly basis. The Engineer will not require the Contractor to submit a request for additional time due to the effects of weather.

(d) The Department will grant time extensions, on a day for day basis, for delays caused by the effects of rains or other inclement weather conditions, related adverse soil conditions or suspension of operations that prevent the Contractor from productively performing controlling items of work resulting in:

(1) The Contractor being unable to work at least 50% of the normal work day on pre-determined controlling work items; or

(2) The Contractor must make major repairs to work damaged by weather, provided that the damage is not attributable to the Contractor's failure to perform or neglect; and provided that the

Contractor was unable to work at least 50% of the normal workday on pre-determined controlling work items. No additional compensation will be made for delays caused by the effects of inclement weather.

11.8 FDOT SUPPLEMENTAL SPECIFICATION 6-12.2 SOURCE OF SUPPLY – STEEL

For Federal-aid Contracts, only

Use steel and iron produced in the United States, in accordance with the Buy America provisions of 23 CFR 635.410, as amended. Ensure that all manufacturing processes for this material occur in the United States. As used in this specification, a manufacturing process is any process that modifies the chemical content, physical shape or size, or final finish of a product, beginning with the initial melding and mixing and continuing through the bending and coating stages. A manufactured steel or iron product is complete only when all grinding, drilling, welding, finishing and coating have been completed. If a domestic product is taken outside the United States for any process, it becomes foreign source material. When using steel and iron as a component of any manufactured product incorporated into the project (e.g., concrete pipe, prestressed beams, corrugated steel pipe, etc.), these same provisions apply, except that the manufacturer may use minimal quantities of foreign steel and iron when the cost of such foreign materials does not exceed 0.1% of the total Contract amount or \$2,500, whichever is greater. These requirements are applicable to all steel and iron materials incorporated into the finished work, but are not applicable to steel and iron items that the Contractor uses but does not incorporate into the finished work. Provide a certification from the producer of steel or iron, or any product containing steel or iron as a component, stating that all steel or iron furnished or incorporated into the furnished product was manufactured in the United States in accordance with the requirements of this specification and the Buy America provisions of 23 CFR 635.410, as amended. Such certification shall also include (1) a statement that the product was produced entirely within the United States, or (2) a statement that the product was produced within the United States except for minimal quantities of foreign steel and iron valued at \$ (actual value). Furnish each such certification to the Engineer prior to incorporating the material into the project. When FHWA allows the use of foreign steel on a project, furnish invoices to document the cost of such material, and obtain the Engineer's written approval prior to incorporating the material into the project.

11.9 CERTIFICATION FOR DISCLOSURE OF LOBBYING ACTIVITIES ON FEDERAL-AID CONTRACTS

Located in Appendix "C" on pages 237-239 – "FDOT Required Forms" as an attachment to this ITB.

11.10 FHWA 1273 REQUIRED CONTRACT PROVISIONS FEDERAL-AID CONSTRUCTION CONTRACTS AND EXECUTIVE ORDER 11246

Located in Appendix “C” on pages 245-256– “FDOT Required Forms” as an attachment to this ITB.

Executive Order 11246--Equal employment opportunity

Source: The provisions of Executive Order 11246 of Sept. 24, 1965, appear at 30 FR 12319, 12935, 3 CFR, 1964-1965 Comp., p. 339, unless otherwise noted.

These provisions of FHWA 1273 will need to be exercised by both the Prime contractor and the Sub-Contractors that were awarded the project.

11.11 CONVICT LABOR

Do not use materials that were produced after July 1, 1991, by convict labor for Federal-aid highway construction projects unless the prison facility has been producing convict-made materials for Federal-aid highway construction projects before July 1, 1987.

Use materials that were produced prior to July 2, 1991, by convicts on Federal-aid highway construction projects free from the restrictions placed on the use of these materials by 23 U.S.C. 114. The Department will limit the use of materials produced by convict labor for use in Federal-aid highway construction projects to:

1. Materials produced by convicts on parole, supervised release, or probation from a prison or,
2. Materials produced in a qualified prison facility.

The amount of such materials produced for Federal-aid highway construction during any 12-month period shall not exceed the amount produced in such facility for use in such construction during the 12-month period ending July 1, 1987.

11.12 HIRING PREFERENCE

The Village of Palmetto Bay does not have local hiring preferences. Title VI of the Civil Rights Act of 1964, 42 U.S.C. 2000d, et seq. and its implementing regulations provide that no person shall be subjected to discrimination on the basis of race, color, or national origin under any program or activity that receives federal financial assistance. Language for LEP individuals can be a barrier to accessing important benefits or services, understanding and exercising important rights, complying with applicable responsibilities, or understanding other information provided by federally funded programs and activities.

The selection of labor to be employed by any contractor or subcontractor on any Federal-Aid project shall be made without regard to race, color, religion, sex, national origin, age or disability.

11.13 DAVIS BACON WAGE TABLE

Refer to Appendix B, pages 223-230 for Current Wage Table Information

**11.13.1 – LAP DIVISIOIN 1 SPECIFICATIONS-SECTION7-16
7-16 Wage Rates for Federal-Aid Projects.**

For this Contract, payment of predetermined minimum wages applies.

The U.S. Department of Labor (USDOL) Wage Rates applicable to this Contract are listed in table below, as modified up through ten days prior to the opening of bids.

Wage Rate Decision Number	Associated Work

Obtain the applicable General Decision(s) (Wage Tables) through the Department’s Office of Construction website and ensure that employees receive the minimum compensation applicable. Review the General Decisions for all classifications necessary to complete the project. Request additional classifications through the Engineer’s office when needed.

For guidance on the requirements for the payment of wages and benefits and the submittal of certified payrolls, and for general guidance and examples of multiple wage rates when assigned to a Contract, refer to the Department’s Office of Construction website. Questions regarding wage rates and the applicability of wage tables should be submitted in accordance with 2-4.

11.14 ADVERTISING FOR BIDS AND PROPOSALS.

(a) The documents will be advertised at a local newspaper, regional publication, procurement bid sites and the Village website.

(b) The advertisement and approved plans and specifications shall be available to bidders on Tuesday, May 10th, 2022.

(c) The bidder/proposer can obtain the documents by going to www.palmettobay-fl.gov and under the business tab click “Bids & RFPs”.

(d) The Village hereby notifies all bidders that it will affirmatively ensure that in any contract entered into pursuant to this advertisement, DBE will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of ‘race, color, gender, religion, age, disability, marital status or national origin in consideration for an award.” Nondiscriminatory bidding procedures shall be afforded to all qualified bidders regardless of National, State or local boundaries and without regard to race, color, religion, sex, national origin, age, or handicap. If any provisions of State laws, specifications, regulations, or policies may operate in any manner contrary to Federal requirements, including Title VI of the Civil Rights Act of 1964, to prevent submission of a bid, or prohibit consideration of a bid submitted

by any responsible Proposer appropriately qualified in accordance with § 635.110, such provisions shall not be applicable to Federal-aid projects. Where such non-applicable provisions exist, notices of advertising, specifications, special provisions or other governing documents shall include a positive statement to advise prospective bidders of those provisions that are not applicable.

(e) The Village shall include a non-collusion provision substantially as follows in the bidding documents:

Each Proposer shall file a statement executed by, or on behalf of the person, firm, association, or corporation submitting the bid certifying that such person, firm, association, or corporation has not, either directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action, in restraint of free competitive bidding in connection with the submitted bid. Failure to submit the executed statement as part of the bidding documents will make the bid nonresponsive and not eligible for award consideration.

(1) The required form is included as part of this ITB and shall need to be signed and returned along with all the required forms.

(2) The statement shall either be in the form of an affidavit executed and sworn to by the Proposer before a person who is authorized by the laws of the State to administer oaths or in the form of an unsworn declaration executed under penalty of perjury of the laws of the United States.

(f) The Village shall include the lobbying certification requirement pursuant to 49 CFR part 20 and the requirements of 49 CFR part 29 regarding suspension and debarment certification in the bidding documents.

(g) The Village shall clearly identify in the bidding documents those requirements which the Proposer must assure are complied with to make the bid responsive. Failure to comply with these identified bidding requirements shall make the bid nonresponsive and not eligible for award consideration.

(h) In the case of a design-build project, the following requirements apply:

(1) The Village may decide the appropriate solicitation schedule for all design- build requests. This includes all project advertising, the release of the Request for Qualification document, the release of the Request for Proposals document and all deadlines for the receipt of qualification statements and proposals. The Village typically advertises the proposal for 30 calendar days.

(2) The Village shall issue addenda's during the bidding period. The Village will reasonably let the proposers be aware of the addenda. It will also be included on the Village's website to download.

11.15 NON-ALLOWED CRITERIA

The following are not requirements for this ITB and will not be used to consider a potential Contractor:

- a) The Village will not allow contractor purchased equipment for state or local ownership,
- b) Indian Preference will not be utilized with this contract,
- c) Local/State Hiring Preferences will not be made in the selection process for this project
- d) Contract will not allow owner force account or cost-effective justification,
- e) Public agencies in competition with the private sector will not be allowed on this contract,
- f) Publicly owned equipment will not be allowed on this contract,
- g) State/Local owned furnished designated materials will not be used in this contract.
- h) Proposal will not limit project to domestic-owned contractors only.
- i) The Village will not participate in Incentive/Disincentive for this contract.

11.16 STATE PREFERENCE – RESTRICTIONS UPON MATERIALS

Restrictions upon materials are in accordance with CFR Title 23, Section 635-409 as follows:

No requirement shall be imposed, and no procedure shall be enforced by any State transportation department in connection with a project which may operate:

- (a) To require the use of or provide a price differential in favor of articles or materials produced within the State, or otherwise to prohibit, restrict or discriminate against the use of articles or materials shipped from or prepared, made or produced in any State, territory or possession of the United States; or
- (b) To prohibit, restrict or otherwise discriminate against the use of articles or materials of foreign origin to any greater extent than is permissible under policies of the Department of Transportation as evidenced by requirements and procedures prescribed by the FHWA Administrator to carry out such policies.

11.17 EQUIPMENT RENTAL RATES

For any machinery or special equipment (other than small tools), including fuel and lubricant, the Contractor will receive 100% of the “Rental Rate Blue Book” for the actual time that such equipment is in operation on the work, and 50% of the “Rental Rate Blue Book” for the time the equipment is directed to standby and remain on the project site, to be calculated as indicated below. The equipment rates will be based on the latest edition (as of the date the work to be performed begins) of the “Rental Rate Blue Book for Construction Equipment” as published by EquipmentWatch, a division of Informa Business Media, Inc., using all instructions and adjustments contained therein and as modified below. On all projects, the Engineer will adjust the rates using regional adjustments and Rate Adjustment Tables according to the instructions in the “Rental Rate Blue Book.”

Allowable Equipment Rates will be established as set out below:

- (1) Allowable Hourly Equipment Rate = $\text{Monthly Rate} / 176 \times \text{Adjustment Factors} \times 100\%$.
- (2) Allowable Hourly Operating Cost = $\text{Hourly Operating Cost} \times 100\%$.
- (3) Allowable Rate Per Hour = Allowable Hourly Equipment Rate + Allowable Hourly Operating Cost.
- (4) Standby Rate = Allowable Hourly Equipment Rate $\times 50\%$.

The Monthly Rate is The Basic Machine Rate Plus Any Attachments. Standby rates will apply when equipment is not in operation and is directed by the Engineer to standby at the project site when needed again to complete work and the cost of moving the equipment will exceed the accumulated standby cost. Standby rates will not apply on any day the equipment operates for eight or more hours. Standby payment will be limited to only that number of hours which, when added to the operating time for that day equals eight hours. Standby payment will not be made on days that are not normally considered workdays on the project.

The Owner will allow for the cost of transporting the equipment to and from the location at which it will be used. If the equipment requires assembly or disassembly for transport, the Owner will pay for the time to perform this work at the rate for standby equipment.

Equipment may include vehicles utilized only by Labor, as defined above.

11.18 PATENTED/PROPRIETARY MATERIALS

The Owner certifies that neither patented or proprietary materials are required or specifically named in the specifications to be used for this project

11.19 NON-COLLUSION PROVISION

Located in Appendix “C” page 240-242 – “FDOT Required Forms” as an attachment to this ITB.

11.20 E-VERIFY

The Contractor shall utilize the U.S. Department of Homeland Security’s E-Verify system to verify the employment eligibility of all new employees hired by the Contractor during the term of the contract and shall expressly require any subcontractors performing work or providing services pursuant to the 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.

E-Verify – Acknowledgment Form Located in Appendix “C” page 243 – “FDOT Required Forms” as an attachment to this ITB.

END OF SECTION

SECTION 12: LAP BIG FOUR SPECIFICATIONS

SECTION 120 – EARTHWORK AND RELATED OPERATIONS FOR LAP (REV 1-8-18)

120-1 Description.

120-1.1 General: Perform earthwork and related operations based on the type of work specified in the Contract and the Earthwork Categories as defined below. Meet the applicable requirements for materials, equipment and construction as specified.

Earthwork and related operations consists of excavation for the construction of the roadway, excavation for structures and pipe, constructing backfill around structures and pipe, and constructing embankments as required for the roadway, ditches, and channel changes.

120-1.2 Earthwork Categories: Performance of Earthwork Operations will fall into one of the following Earthwork Categories:

120-1.2.1 Earthwork Category 1: Includes the earthwork and related operations associated with the construction of sidewalks and bike paths along with any drainage structures associated with these facilities.

120-1.2.2 Earthwork Category 2: Includes the earthwork and related operations associated with the construction of turn lanes and other non-mainline traffic lanes, widening, roadway shoulders, concrete box culverts, retaining walls, and other drainage structures on the non-mainline pavement.

120-1.2.3 Earthwork Category 3: Includes the earthwork and related operations associated with the construction of new mainline pavement, along with concrete box culverts, retaining walls, and other drainage structures on the mainline pavement.

120-2 Classes of Excavation.

120-2.1 Excavation of Unsuitable Material: Excavation of unsuitable material consists of the removal of muck, clay, rock or any other material that is unsuitable in its original position and that is excavated below the finished grading template. For stabilized bases and sand bituminous road mixes, the finished grading template is the top of the finished base, shoulders and slopes. For all other bases and rigid pavement, the finished grading template is the finished shoulder and slope lines and bottom of completed base or rigid pavement.

120-2.2 Lateral Ditch Excavation: Lateral ditch excavation consists of all excavation of inlet and outlet ditches to structures and roadway, changes in channels of streams, and ditches parallel to the roadway right-of-way. Dress lateral ditches to the grade and cross-section shown in the plans.

120-2.3 Channel Excavation: Channel excavation consists of the excavation and satisfactory disposal of all materials from the limits of the channel as shown in the plans.

120-2.4 Excavation for Structures and Pipe: Excavation for structures consists of the excavation for bridge foundations, box culverts, pipe culverts, storm sewers and all other pipe lines, retaining walls, headwalls for pipe culverts and drains, catch basins, drop inlets, manholes, and similar structures.

120-3 Excavation Requirements.

120-3.1 Excavation and Replacement of Unsuitable Materials: Where rock, muck, clay, or other material within the limits of the roadway is unsuitable in its original position, excavate such material to the cross-sections shown in the plans or indicated by the Engineer, and backfill with suitable material. Shape backfill materials to the required cross-sections. Where the removal of plastic soils below the finished earthwork grade is required, meet a construction tolerance of plus or minus 0.2 foot in depth and plus or minus 6 inches (each side) in width.

120-3.2 Lateral Ditch Excavation: Excavate inlet and outlet ditches to structures and roadway, changes in channels of streams and ditches parallel to the roadway. Dress lateral ditches to the grade and cross-section shown in the plans.

120-3.3 Channel Excavation: Excavate and dispose of all materials from the limits of the channel as shown in the plans. Excavate for bridge foundations, box culverts, pipe culverts, storm sewers and all other pipe lines, retaining walls, headwalls for pipe culverts and drains, catch basins, drop inlets, manholes, and similar structures.

120-3.4 Excavation for Structures and Pipe.

120-3.4.1 Requirements for all Excavation: Excavate foundation pits to permit the placing of the full widths and lengths of footings shown in the plans, with full horizontal beds. Do not round or undercut corners or edges of footings. Perform all excavation to foundation materials, satisfactory to the Engineer, regardless of the elevation shown on the plans. Perform all excavation in stream beds to a depth at least 4 feet below the permanent bed of the stream, unless a firm footing can be established on solid rock before such depth is reached, and excavate to such additional depth as may be necessary to eliminate any danger of undermining. Wherever rock bottom is secured, excavate in such manner as to allow the solid rock to be exposed and prepared in horizontal beds for receiving the masonry. Remove all loose and disintegrated rock or thin strata. Have the Engineer inspect and approve all foundation excavations prior to placing masonry.

120-3.4.2 Earth Excavation:

120-3.4.2.1 Foundation Material other than the Rock: When masonry is to rest on an excavated surface other than rock, take special care to avoid disturbing the bottom of the excavation, and do not remove the final foundation material to grade until just before placing the masonry. In case the foundation material is soft or mucky, the Engineer may require excavation to

a greater depth and to backfill to grade with approved material.

120-3.4.2.2 Foundation Piles: Where foundation piles are used, complete the excavation of each pit before driving the piles. After the driving is completed, remove all loose and displaced material, leaving a smooth, solid, and level bed to receive the masonry.

120-3.4.2.3 Removal of Obstructions: Remove boulders, logs, or any unforeseen obstacles encountered in excavating.

120-3.4.3 Rock Excavation: Clean all rock and other hard foundation material, remove all loose material, and cut all rock to a firm surface. Either level, step vertically and horizontally, or serrate the rock, as may be directed by the Engineer. Clean out all seams, and fill them with concrete or mortar.

120-3.4.4 Pipe Trench Excavation: Excavate trenches for pipe culverts and storm sewers to the elevation of the bottom of the pipe and to a width sufficient to provide adequate working room. Remove soil not meeting the classification specified as suitable backfill material in 120-8.3.2.2 to a depth of 4 inches below the bottom of the pipe elevation. Remove rock, boulders or other hard lumpy or unyielding material to a depth of 12 inches below the bottom of the pipe elevation. Remove muck or other soft material to a depth necessary to establish a firm foundation. Where the soils permit, ensure that the trench sides are vertical up to at least the mid-point of the pipe.

For pipe lines placed above the natural ground line, place and compact the embankment, prior to excavation of the trench, to an elevation at least 2 feet above the top of the pipe and to a width equal to four pipe diameters, and then excavate the trench to the required grade.

120-4 Disposal of Surplus and Unsuitable Material.

120-4.1 Ownership of Excavated Materials: Dispose of surplus and excavated materials as shown in the plans or, if the plans do not indicate the method of disposal, take ownership of the materials and dispose of them outside the right-of-way.

120-4.2 Disposal of Muck on Side Slopes: As an exception to the provisions of 120-4.1, when approved by the Engineer, muck (A-8 material) may be placed on the slopes, or stored alongside the roadway, provided there is a clear distance of at least 6 feet between the roadway grading limits and the muck, and the muck is dressed to present a neat appearance. In addition, this material may also be disposed of by placing it on the slopes where, in the opinion of the Engineer, this will result in an aesthetically pleasing appearance and will have no detrimental effect on the adjacent developments. Where the Engineer permits the disposal of muck or other unsuitable material inside the right-of-way limits, do not place such material in a manner which will impede the inflow or outfall of any channel or of side ditches. The Engineer will determine the limits adjacent to channels within which such materials may be disposed.

120-4.3 Disposal of Paving Materials: Unless otherwise noted, take ownership of paving materials, such as paving brick, asphalt block, concrete slab, sidewalk, curb and gutter, etc.,

excavated in the removal of existing pavements, and dispose of them outside the right-of-way. If the materials are to remain the property of the Agency, place them in neat piles as directed. Existing limerock base that is removed may be incorporated in the stabilized portion of the subgrade. If the construction sequence will allow, incorporate all existing limerock base into the project as allowed by the Contract Documents.

120-4.4 Disposal Areas: Where the Contract Documents require disposal of excavated materials outside the right-of-way, and the disposal area is not indicated in the Contract Documents, furnish the disposal area without additional compensation.

Provide areas for disposal of removed paving materials out of sight of the project and at least 300 feet from the nearest roadway right-of-way line of any road. If the materials are buried, disregard the 300 foot limitation.

120-5 Materials for Embankment.

120-5.1 General Requirements for Embankment Materials: Construct embankments using suitable materials excavated from the roadway or delivered to the jobsite from authorized borrow pits.

Construct the embankment using maximum particle sizes as follows:

In top 12 inches: 3 1/2 inches (in any dimension).

12 to 24 inches: 6 inches (in any dimension).

In the depth below 24 inches: not to exceed 12 inches (in any dimension) or the compacted thickness of the layer being placed, whichever is less.

Spread all material so that the larger particles are separated from each other to minimize voids between them during compaction. Compact around these rocks in accordance with 120-7.2.

When and where approved by the Engineer, larger rocks (not to exceed 18 inches in any dimension) may be placed outside the one to two slope and at least 4 feet or more below the bottom of the base. Compact around these rocks to a firmness equal to that of the supporting soil. Where constructing embankments adjacent to bridge end bents or abutments, do not place rock larger than 3 1/2 inches in diameter within 3 feet of the location of any end-bent piling.

120-5.2 Use of Materials Excavated From the Roadway and Appurtenances: Assume responsibility for determining the suitability of excavated material for use on the project in accordance with the applicable Contract Documents. Consider the sequence of work and maintenance of traffic phasing in the determination of the availability of this material.

120-5.3 Authorization for Use of Borrow: Use borrow only when sufficient quantities of suitable material are not available from roadway and drainage excavation, to properly construct the embankment, subgrade, and shoulders, and to complete the backfilling of structures and pipe. Do not use borrow material until so ordered by the Engineer, and then only use material from approved borrow pits.

120-5.3.1 Haul Routes for Borrow Pits: Provide and maintain, at no expense to the Agency, all necessary roads for hauling the borrow material. Where borrow area haul roads or trails are used by others, do not cause such roads or trails to deteriorate in condition.

Arrange for the use of all non-public haul routes crossing the property of any railroad. Incur any expense for the use of such haul routes. Establish haul routes which will direct construction vehicles away from developed areas when feasible, and keep noise from hauling operations to a minimum. Advise the Engineer in writing of all proposed haul routes.

120-5.3.2 Borrow Material for Shoulder Build-up: When so indicated in the plans, furnish borrow material with a specific minimum bearing value, for building up of existing shoulders. Blend materials as necessary to achieve this specified minimum bearing value prior to placing the materials on the shoulders. Take samples of this borrow material at the pit or blended stockpile.

120-5.4 Materials Used at Pipes, Culverts, etc.: Construct embankments over and around pipes, culverts, and bridge foundations with selected materials.

120-6 Embankment Construction.

120-6.1 General: Construct embankments in sections of not less than 300 feet in length or for the full length of the embankment.

120-6.2 Dry Fill Method:

120-6.2.1 General: Construct embankments to meet compaction requirements in 120-7 and in accordance with the acceptance program requirements in 120-9. Restrict the compacted thickness of the last embankment lift to 6 inches maximum.

As far as practicable, distribute traffic over the work during the construction of embankments so as to cover the maximum area of the surface of each layer.

Construct embankment in the dry whenever normal dewatering equipment and methods can accomplish the needed dewatering.

120-6.2.1.1 For A-3 and A-2-4 Materials with up to 15% fines: Construct the embankment in successive layers with lifts up to a maximum compacted thickness of 12 inches. Ensure the percentage of fines passing the No. 200 US Standard sieve in the A-2-4 material does not exceed 15%.

120-6.2.1.2 For A-1 Plastic materials (As designated in Standard Plans Index 120-001) and A-2-4 Materials with greater than 15% fines: Construct the embankment in successive layers with lifts up to a maximum compacted thickness of 6 inches.

120-6.2.1.3 Equipment and Methods: Provide normal dewatering equipment including, but not limited to, surface pumps, sump pumps and trenching/digging machinery. Provide normal dewatering methods including, but not limited to, constructing shallow surface drainage trenches/ditches, using sand blankets, sumps and siphons.

When normal dewatering does not adequately remove the water, the Engineer may require the embankment material to be placed in the water or in low swampy ground in accordance with 120-7.2.4.

120-6.2.2 Placing in Unstable Areas: Where depositing the material in water, or in low swampy ground that will not support the weight of hauling equipment, construct the embankment by dumping successive loads in a uniformly distributed layer of a thickness not greater than necessary to support the hauling equipment while placing subsequent layers. Once sufficient material has been placed so that the hauling equipment can be supported, construct the remaining portion of the embankment in layers in accordance with the applicable provisions of 120-7.2.4 and 120-7.2.6.

120-6.2.3 Placing on Steep Slopes: When constructing an embankment on a hillside sloping more than 20 degrees from the horizontal, before starting the fill, deeply plow or cut into steps the surface of the original ground on which the embankment is to be placed.

120-6.2.4 Placing Outside Standard Minimum Slope: Where material that is unsuitable for normal embankment construction is to be used in the embankment outside the standard minimum slope (approximately one to two), place such material in layers of not more than 18 inches in thickness, measured loose. The Contractor may also place material which is suitable for normal embankment, outside such standard minimum slope, in 18 inch layers. Maintain a constant thickness for suitable material placed within and outside the standard minimum slope, unless placing in a separate operation.

120-6.3 **Hydraulic Method:**

120-6.3.1 Method of Placing: When the hydraulic method is used, as far as practicable, place all dredged material in its final position in the embankment by such method. Place and compact any dredged material that is re-handled, or moved and placed in its final position by any other method, as specified in 120-7.2. The Contractor may use baffles or any form of construction he may select, provided the slopes of the embankments are not steeper than indicated in the Plans. Remove all timber used for temporary bulkheads or baffles from the embankment, and fill and thoroughly compact the holes thus formed. When placing fill on submerged land, construct dikes prior to beginning of dredging, and maintain the dikes throughout the dredging operation.

120-6.3.2 Excess Material: Do not use excess material placed outside the prescribed slopes, below the normal high-water level, to raise the fill. Remove only the portion of this material required for dressing the slopes.

120-6.3.3 Protection of Openings in Embankment: Leave openings in the embankments at the bridge sites. Remove any material which invades these openings or existing

channels without additional compensation to provide the same depth of channel as existed before the construction of the embankment. Do not excavate or dredge any material within 200 feet of the toe of the proposed embankment.

120-7 Compaction Requirements.

120-7.1 Moisture Content: Compact the materials at a moisture content such that the specified density can be attained. If necessary to attain the specified density, add water to the material, or lower the moisture content by manipulating the material or allowing it to dry, as is appropriate.

120-7.2 Compaction of Embankments:

120-7.2.1 Earthwork Category 1 and 2 Density Requirements: The Engineer will accept a minimum density of 95% of the maximum density as determined by AASHTO T-99 Method C for all earthwork items requiring densities.

120-7.2.2 Earthwork Category 3 Density Requirements: The Engineer will accept a minimum of 100% of the maximum density as determined by AASHTO T-99 Method C for all densities required under category 3.

Except for embankments constructed by the hydraulic method as specified in 120-6.3, and for the material placed outside the standard minimum slope as specified in 120-6.2.4, and for other areas specifically excluded herein, compact each layer of the material used in the formation of embankments to the required density stated above. Uniformly compact each layer using equipment that will achieve the required density, and as compaction operations progress, shape and manipulate each layer as necessary to ensure uniform density throughout the embankment.

120-7.2.3 Compaction Over Unstable Foundations: Where the embankment material is deposited in water or on low swampy ground, and in a layer thicker than 12 inches (as provided in 120-6.2.2), compact the top 6 inches (compacted thickness) of such layer to the density as specified in 120-9.5.

120-7.2.4 Compaction Where Plastic Material Has Been Removed: Where unsuitable material is removed and the remaining surface is of the A-4, A-5, A-6, or A-7 Soil Groups, as determined by the Engineer, compact the surface of the excavated area by rolling with a sheepsfoot roller exerting a compression of at least 250 psi on the tamper feet, for the full width of the roadbed (subgrade and shoulders). Perform rolling before beginning any backfill and continue until the roller feet do not penetrate the surface more than 1 inch. Do not perform such rolling where the remaining surface is below the normal water table and covered with water. Vary the procedure and equipment required for this operation at the discretion of the Engineer.

120-7.2.5 Compaction of Material To Be Used In Base, Pavement, or Stabilized Areas: Do not compact embankment material which will be incorporated into a pavement, base course, or stabilized subgrade, to be constructed as a part of the same Contract.

120-7.2.6 Compaction of Grassed Shoulder Areas: For the upper 6 inch layer of all shoulders which are to be grassed, since no specific density is required, compact only to the extent directed.

120-7.2.7 Compaction of Grassed Embankment Areas: For the outer layer of all embankments where plant growth will be established, do not compact. Leave this layer in a loose condition to a minimum depth of 6 inches for the subsequent seeding or planting operations.

120-7.3 Compaction of Subgrade: If the plans do not provide for stabilizing, compact the subgrade in both cuts and fills to the density specified in 120-9.5. For undisturbed soils, do not apply density requirements where constructing narrow widening strips or paved shoulders 5 feet or less in width.

Where trenches for widening strips are not of sufficient width to permit the use of standard compaction equipment, perform compaction using vibratory rollers, trench rollers, or other type compaction equipment approved by the Engineer.

Maintain the required density until the base or pavement is placed on the subgrade.

120-8 Backfilling Around Structures and Pipe.

120-8.1 Requirements for all Structures:

120-8.1.1 General: Backfill around structures and pipe in the dry whenever normal dewatering equipment and methods can accomplish the needed dewatering.

120-8.1.2 Equipment and Methods: Provide normal dewatering equipment including, but not limited to, surface pumps, sump pumps, wellpoints and header pipe and trenching/digging machinery. Provide normal dewatering methods including, but not limited to, constructing shallow surface drainage trenches/ditches, using sand blankets, perforated pipe drains, sumps and siphons.

120-8.1.3 Backfill Materials: Backfill to the original ground surface or subgrade surface of openings made for structures, with a sufficient allowance for settlement. The Engineer may require that the material used for this backfill be obtained from a source entirely apart from the structure.

Do not allow heavy construction equipment to cross over culvert or storm sewer pipes until placing and compacting backfill material to the finished earthwork grade or to an elevation at least 4 feet above the crown of the pipe.

120-8.1.4 Use of A-7 Material: In the backfilling of trenches, A-7 material may be used from a point 12 inches above the top of the pipe up to the elevation shown in the Standard Plans as the elevation for undercutting of A-7 material.

120-8.1.5 Time of Placing Backfill: Do not place backfill against any masonry or concrete abutment, wingwall, or culvert until the Engineer has given permission to do so, and in no case until the masonry or concrete has been in place seven days or until the specified 28-day compressive strength occurs.

120-8.1.6 Placement and Compaction: When the backfill material is deposited in water, compact per 120-8.2.5 and 120-8.3.4. Place the material in horizontal layers not exceeding 6 inches compacted thickness, in depth above water level, behind abutments, wingwalls and end bents or end rest piers, and around box culverts and all structures including pipe culverts. The Engineer may approve placing material in thicker lifts of no more than 12 inches compacted thickness above the soil envelope if a test section demonstrates the required density can be achieved. Approval will be based on five passing density tests over the test section consisting of a lift of backfill from structure to structure. The Engineer will identify the test section with the compaction effort and soil classification in the Agency Logbook. In case of a change in compaction effort or soil classification, construct a new test section. The Engineer reserves the right to terminate the Contractor's use of thick lift construction and have him revert to the 6 inch compacted lifts whenever it is determined that satisfactory results are not being obtained.

120-8.2 **Additional Requirements for Structures Other than Pipe:**

120-8.2.1 Density: Where the backfill material is deposited in water, obtain a 12 inch layer of comparatively dry material, thoroughly compacted by tamping, before the Engineer verifies layer and density requirements. Meet the requirements of the density Acceptance Criteria.

120-8.2.2 Box Culverts: For box culverts over which pavement is to be constructed, compact around the structure to an elevation not less than 12 inches above the top of the structure, using rapid-striking mechanical tampers.

120-8.2.3 Other Limited Areas: Compact in other limited areas using mechanical tampers or approved hand tampers, until the cover over the structure is at least 12 inches thick. When hand tampers are used, deposit the materials in layers not more than 4 inches thick using hand tampers suitable for this purpose with a face area of not more than 100 in². Take special precautions to prevent any wedging action against the masonry, and step or terrace the slope bounding the excavation for abutments and wingwalls if required by the Engineer.

120-8.2.4 Culverts and Piers: Backfill around culverts and piers on both sides simultaneously to approximately the same elevation.

120-8.2.5 Compaction Under Wet Conditions: Where wet conditions do not permit the use of mechanical tampers, compact using hand tampers. Use only A-3 material for the hand tamped portions of the backfill. When the backfill has reached an elevation and condition such as to make the use of the mechanical tampers practical, perform mechanical tamping in such manner and to such extent as to transfer the compaction force into the sections previously tamped by hand.

120-8.3 Additional Requirements for Pipe 15 Inches Inside Diameter or Greater:

120-8.3.1 General: Trenches for pipe may have up to four zones that must be backfilled.

Lowest Zone: The lowest zone is backfilled for deep undercuts up to within 4 inches of the bottom of the pipe.

Bedding Zone: The zone above the Lowest Zone is the Bedding Zone. Usually it will be the backfill which is the 4 inches of soil below the bottom of the pipe. When rock or other hard material has been removed to place the pipe, the Bedding Zone will be the 12 inches of soil below the bottom of the pipe.

Cover Zone: The next zone is backfill that is placed after the pipe has been laid and will be called the Cover Zone. This zone extends to 12 inches above the top of the pipe. The Cover Zone and the Bedding Zone are considered the Soil Envelope for the pipe.

Top Zone: The Top Zone extends from 12 inches above the top of the pipe to the base or final grade.

120-8.3.2 **Material:**

120-8.3.2.1 Lowest Zone: Backfill areas undercut below the Bedding Zone of a pipe with coarse sand, or other suitable granular material, obtained from the grading operations on the project, or a commercial material if no suitable material is available.

120-8.3.2.2 Soil Envelope: In both the Bedding Zone and the Cover Zone of the pipe, backfill with materials classified as A-1, A-2, or A-3. Material classified as A-4 may be used if the pipe is concrete pipe.

120-8.3.2.3 Top Zone: Backfill the area of the trench above the soil envelope of the pipe with materials allowed on Standard Plans, Index 120-001.

120-8.3.3 **Compaction:**

120-8.3.3.1 Lowest Zone: Compact the soil in the Lowest Zone to approximately match the density of the soil in which the trench was cut.

120-8.3.3.2 Bedding Zone: If the trench was not undercut below the bottom of the pipe, loosen the soil in the bottom of the trench immediately below the approximate middle third of the outside diameter of the pipe.

If the trench was undercut, place the bedding material and leave it in a loose condition below the middle third of the outside diameter of the pipe. Compact the outer portions to meet the density requirements of the Acceptance Criteria. Place the material in lifts no greater than 6 inches (compacted thickness).

120-8.3.3.3 Cover Zone: Place the material in 6 inches layers (compacted thickness), evenly deposited on both sides of the pipe, and compact with mechanical tampers suitable for this purpose. Hand tamp material below the pipe haunch that cannot be reached by mechanical tampers. Meet the requirements of the density Acceptance Criteria.

120-8.3.3.4 Top Zone: Place the material in layers not to exceed 12 inches in compacted thickness. Meet the requirements of the density Acceptance Criteria.

120-8.3.4 Backfill Under Wet Conditions: Where wet conditions are such that dewatering by normal pumping methods would not be effective, the procedure outlined below may be used when specifically authorized by the Engineer in writing.

Granular material may be used below the elevation at which mechanical tampers would be effective, but only material classified as A-3. Place and compact the material using timbers or hand tampers until the backfill reaches an elevation such that it's moisture content will permit the use of mechanical tampers. When the backfill has reached such elevation, use normally acceptable backfill material. Compact the material using mechanical tampers in such manner and to such extent as to transfer the compacting force into the material previously tamped by hand.

120-9 Acceptance Program.

120-9.1 Density over 105%: When a computed dry density results in a value greater than 105% of the applicable Proctor maximum dry density, the Engineer will perform a second density test within 5 feet. If the second density results in a value greater than 105%, investigate the compaction methods, examine the applicable Maximum Density and material description. If necessary, the Engineer will test an additional sample for acceptance in accordance with AASHTO T 99, Method C.

120-9.2 Maximum Density Determination: The Engineer will determine the maximum density and optimum moisture content by sampling and testing the material in accordance with the specified test method listed in 120-9.3.

120-9.3 Density Testing Requirements: Compliance with the requirements of 120-9.5 will be determined in accordance FM 1-T 238. The in-place moisture content will be determined for each density in accordance with FM 5-507 (Determination of Moisture Content by Means of a Calcium Carbide Gas Pressure Moisture Tester), or ASTM D 4643 (Laboratory Determination of Moisture Content of Granular Soils By Use of a Microwave Oven).

120-9.4 Soil Classification: The Engineer will perform soil classification tests in accordance with AASHTO T-88, and classify soils in accordance with AASHTO M-145 (Standard Specification for Classification of Soils and Soil-Aggregate Mixtures for Highway Construction Purposes) in order to determine compliance with embankment utilization requirements.

120-9.5 Acceptance Criteria: The Engineer will accept a minimum density in accordance with 120-7.2 with the following exceptions:

- 1) embankment constructed by the hydraulic method as specified in 120-6.3;
- 2) material placed outside the standard minimum slope as specified in 120-6.2.4;
- 3) other areas specifically excluded herein.

120-9.6 Frequency: The Engineer will conduct sampling and testing at a minimum frequency listed in the table below.

Test Name	Frequency
Maximum Density	One per soil type
Density	1 per 500' RDWY (Alt Lift)
Soil Classification	One per Maximum Density

120-10 Maintenance and Protection of Work.

While construction is in progress, maintain adequate drainage for the roadbed at all times. Maintain a shoulder at least 3 feet wide adjacent to all pavement or base construction in order to provide support for the edges.

Maintain and protect all earthwork construction throughout the life of the Contract, and take all reasonable precautions to prevent loss of material from the roadway due to the action of wind or water. Repair any slides, washouts, settlement, subsidence, or other mishap which may occur prior to final acceptance of the work. Maintain all channels excavated as a part of the Contract work against natural shoaling or other encroachments to the lines, grades, and cross-sections shown in the plans, until final acceptance of the project.

120-11 Construction.

120-11.1 Construction Tolerances: Shape the surface of the earthwork to conform to the lines, grades, and cross-sections shown in the plans. In final shaping of the surface of earthwork, maintain a tolerance of 0.3 foot above or below the plan cross-section with the following exceptions:

1. Shape the surface of shoulders to within 0.1 foot of the plan cross-section.
2. Shape the earthwork to match adjacent pavement, curb, sidewalk, structures, etc.
3. Shape the bottom of ditches so that the ditch impounds no water.
4. When the work does not include construction of base or pavement, shape the entire roadbed (shoulder point to shoulder point) to within 0.1 foot above or below the plan cross-section.

Ensure that the shoulder lines do not vary horizontally more than 0.3 foot from the true lines shown in the plans.

120-11.2 Operations Adjacent to Pavement: Carefully dress areas adjacent to pavement areas to avoid damage to such pavement. Complete grassing of shoulder areas prior to placing the

final wearing course. Do not manipulate any embankment material on a pavement surface.

When shoulder dressing is underway adjacent to a pavement lane being used to maintain traffic, exercise extreme care to avoid interference with the safe movement of traffic.

120-12 Method of Measurement.

120-12.1 Excavation: Excavation will be paid for by volume, in cubic yards, calculated by the method of average end areas, unless the Engineer determines that another method of calculation will provide a more accurate result. The material will be measured in its original position by field survey or by photogrammetric means as designated by the Engineer. Measurement for payment will include the excavation of unsuitable material, lateral ditch excavation, channel excavation, and excavation for structures and pipe. Payment will not be made for excavation or embankment beyond the limits shown in the plans or authorized by the Engineer.

120-12.2 Embankment: Measurement will be made on a loose volume basis, as measured in trucks or other hauling equipment at the point of dumping on the road. Payment will not be made for embankment beyond the limits shown in the plans or authorized by the Engineer.

120-13 Basis of Payment.

120-13.1 General: Prices and payments for the work items included in this Section will be full compensation for all work described herein, including excavating, dredging, hauling, placing, and compacting; dressing the surface of the earthwork; and maintaining and protecting the complete earthwork.

120-13.2 Excavation: The total quantity of all excavation specified under this Section will be paid for at the Contract unit price for Excavation. No payment will be made for the excavation of any materials which are used for purposes other than those shown in the plans or designated by the Engineer. No payment will be made for materials excavated outside the lines and grades given by the Engineer, unless specifically authorized by the Engineer.

120-13.3 Embankment: The total quantity of embankment specified in this Section will be paid for at the Contract unit price for embankment. No payment will be made for materials which are used for purposes other than those shown in the plans or designated by the Engineer. No payment will be made for materials placed outside the lines and grades given by the Engineer.

END OF SECTION

SECTION 334 - HOT MIX ASPHALT FOR LOCAL AGENCIES

334-1 Description.

334-1.1 General: Construct a Hot Mix Asphalt (HMA) pavement based on the type of work specified in the Contract and the Asphalt Work Categories as defined below. Meet the applicable requirements for plants, equipment, and construction requirements as defined below. Use an HMA mix that meets the requirements of this specification.

334-1.2 Asphalt Work Mix Categories: Construction of Hot Mix Asphalt Pavement will fall into one of the following work categories:

334-1.2.1 Asphalt Work Category 1: Includes the construction of bike paths.

334-1.2.2 Asphalt Work Category 2: Includes the construction of new HMA turn lanes, paved shoulders and other non-mainline pavement locations.

334-1.2.3 Asphalt Work Category 3: Includes the construction of new mainline HMA pavement lanes, milling and resurfacing.

334-1.3 Mix Types: Use the appropriate HMA mix as shown in Table 334-1.

Table 334-1 HMA Mix Types			
Asphalt Work Category	Mix Types	Traffic Level	ESALs (millions)
1	Type SP-9.5 ⁽¹⁾	A	<0.3
2	Structural Mixes: Types SP-9.5 or SP-12.5 ⁽¹⁾ Friction Mixes: Types FC-9.5 or FC-12.5 ⁽¹⁾	B	0.3 to <3
3	Structural Mixes: Types SP-9.5 or SP-12.5 Friction Mixes: Types FC-9.5 or FC-12.5	C	≥3

(1) Equivalent mixes may be approved as determined by the Engineer. For example, Marshall S-III mixture type is equivalent to Superpave SP-9.5, Marshall S-I is equivalent to Superpave SP-12.5, and Marshall FC-3 is equivalent to Superpave FC-9.5.

A Type SP mix one traffic level higher than the traffic level specified in the Contract may be substituted, at no additional cost (i.e. Traffic Level B may be substituted for Traffic Level A, etc.).

334-1.4 Gradation Classification: HMA mixes are classified as either coarse or fine, depending on the overall gradation of the mixture. Coarse and fine mixes are defined in 334-3.2.2. Use only fine mixes.

The equivalent AASHTO nominal maximum aggregate size Superpave mixes are as follows:

Type SP-9.5..... 9.5 mm

Type SP-12.5..... 12.5 mm

334-1.5 Thickness: The total pavement thickness of the HMA Pavement will be based on a specified spread rate or plan thickness as shown in the Contract Documents. Before paving, propose a spread rate or thickness for each individual layer meeting the requirements of this specification, which when combined with other layers (as applicable) will equal the plan spread rate or thickness. When the total pavement thickness is specified as plan thickness, the plan thickness and individual layer thickness will be converted to spread rate using the following equation:

$$\text{Spread rate (lbs/yd}^2\text{)} = t \times G_{\text{mm}} \times 43.3$$

where: t = Thickness (in.) (Plan thickness or individual layer thickness)

G_{mm} = Maximum specific gravity from the mix design

For target purposes only, spread rate calculations shall be rounded to the nearest whole number.

334-1.5.1 Layer Thicknesses: Unless otherwise called for in the Contract Documents, the allowable layer thicknesses for HMA mixtures are as follows:

Type SP-9.5..... 3/4 - 1 1/2 inches

Type SP-12.5..... 1 1/2 - 2 1/2 inches

334-1.5.2 Additional Requirements: The following requirements also apply to HMA mixtures:

1. When construction includes the paving of adjacent shoulders (≤ 5 feet wide), the layer thickness for the upper pavement layer and shoulder shall be the same and paved in a single pass, unless otherwise called for in the Contract Documents.
2. For overbuild layers, use the minimum and maximum layer thicknesses as specified above unless called for differently in the Contract Documents. On variable thickness overbuild layers, the minimum allowable thickness may be reduced by 1/2 inch, and the maximum allowable thickness may be increased by 1/2 inch, unless called for differently in the Contract Documents.

334-1.6 Weight of Mixture: The weight of the mixture shall be determined as provided in 320-2.2 of the Florida Department of Transportation (FDOT) specifications.

334-2 Materials.

334-2.1 Superpave Asphalt Binder: Unless specified elsewhere in the Contract or in 334-2.3.3, use a PG 67-22 asphalt binder from the Department's Qualified Products List (QPL).

334-2.2 Aggregate: Use aggregate capable of producing a quality pavement. For Category 2 and 3 projects, require the aggregate supplier to certify that the material meets FDOT requirements.

334-2.3 Reclaimed Asphalt Pavement (RAP) Material:

334-2.3.1 General requirements: RAP may be used as a component of the asphalt mixture if approved by the Engineer. Usage of RAP is subject to the following requirements:

1. Limit the amount of RAP material used in the mix to a maximum of 50 percent by weight of total aggregate.
2. Do not use RAP material in any friction course mixes.
3. Provide stockpiled RAP material that is reasonably consistent in characteristics and contains no aggregate particles which are soft or conglomerates of fines.
4. Provide RAP material having a minimum average asphalt content of 4.0 percent by weight of total mix. The Engineer may sample the stockpile to verify that this requirement is met.
5. Use a grizzly or grid over the RAP cold bin, in-line roller crusher, screen, or other suitable means to prevent oversized RAP material from showing up in the completed recycle mixture. If oversized RAP material appears in the completed recycle mix, take the appropriate corrective action immediately. If the appropriate corrective actions are not immediately taken, stop plant operations.

334-2.3.2 Material Characterization: Assume responsibility for establishing the asphalt binder content, gradation, viscosity and bulk specific gravity (G_{sb}) of the RAP material based on a representative sampling of the material.

334-2.3.3 Asphalt Binder for Mixes with RAP: Select the appropriate asphalt binder grade based on Table 334-2. Maintain the viscosity of the recycled mixture within the range of 4,000 to 12,000 poises.

Table 334-2	
Asphalt Binder Grade for Mixes Containing RAP	
Percent RAP	Asphalt Binder Grade
<20	PG 67-22
20 – 29	PG 64-22
≥ 30	Recycling Agent

334-3 Composition of Mixture.

334-3.1 General: Compose the asphalt mixture using a combination of aggregates, mineral filler, if required, and asphalt binder material. Size, grade and combine the aggregate fractions to meet the grading and physical properties of the mix design. Aggregates from various sources may be combined.

334-3.2 Mix Design:

334-3.2.1 General: Design the asphalt mixture in accordance with AASHTO R35-04, except as noted herein. Submit the proposed mix design with supporting test data indicating compliance with all mix design criteria to the Engineer. Prior to the production of any asphalt mixture, obtain the Engineer's conditional approval of the mix design. If required by the Engineer, send representative samples of all component materials, including asphalt binder to a laboratory designated by the Engineer for verification. The Engineer will consider any marked variations from original test data for a mix design or any evidence of inadequate field performance of a mix design as sufficient evidence that the properties of the mix design have changed, and at his discretion, the Engineer may no longer allow the use of the mix design.

334-3.2.2 Mixture Gradation Requirements: Combine the aggregates in proportions that will produce an asphalt mixture meeting all of the requirements defined in this specification and conform to the gradation requirements at design as defined in AASHTO M323-04, Table 3. Aggregates from various sources may be combined.

334-3.2.2.1 Mixture Gradation Classification: Plot the combined mixture gradation on an FHWA 0.45 Power Gradation Chart. Include the Control Points from AASHTO M323-04, Table-3, as well as the Primary Control Sieve (PCS) Control Point from AASHTO M323-04, Table 4. Fine mixes are defined as having a gradation that passes above or through the primary control sieve control point. Use only fine mixes

334-3.2.3 Gyratory Compaction: Compact the design mixture in accordance with AASHTO T312-04. Use the number of gyrations as defined in AASHTO R35-04, Table 1.

334-3.2.4 Design Criteria: Meet the requirements for nominal maximum aggregate size as defined in AASHTO M323-04, as well as for relative density, VMA, VFA, and dust-to-binder ratio as specified in AASHTO M323-04, Table 6.

334-3.2.5 Moisture Susceptibility: Test 4-inch specimens in accordance with FM 1-T 283. Provide a mixture having a retained tensile strength ratio of at least 0.80 and a minimum tensile strength (unconditioned) of 100 psi. If necessary, add a liquid anti-stripping agent from the FDOT's Qualified Products List, or hydrated lime in order to meet these criteria.

In lieu of moisture susceptibility testing, add a liquid anti-stripping agent from the Department's Qualified Products List. Add 0.5% liquid anti-stripping agent by weight of binder.

334-3.2.6 Additional Information: In addition to the requirements listed above, provide the following information on each mix design:

1. The design traffic level and the design number of gyrations (N_{design}).
2. The source and description of the materials to be used.

3. The FDOT source number and the FDOT product code of the aggregate components furnished from an FDOT approved source (if required).
4. The gradation and proportions of the raw materials as intended to be combined in the paving mixture. The gradation of the component materials shall be representative of the material at the time of use. Compensate for any change in aggregate gradation caused by handling and processing as necessary.
5. A single percentage of the combined mineral aggregate passing each specified sieve. Degradation of the aggregate due to processing (particularly material passing the No. 200 sieve) should be accounted for and identified.
6. The bulk specific gravity (G_{sb}) value for each individual aggregate and RAP component.
7. A single percentage of asphalt binder by weight of total mix intended to be incorporated in the completed mixture, shown to the nearest 0.1 percent.
8. A target temperature at which the mixture is to be discharged from the plant and a target roadway temperature. Do not exceed a target temperature of 330°F for modified asphalts and 315°F for unmodified asphalts.
9. Provide the physical properties achieved at four different asphalt binder contents. One shall be at the optimum asphalt content, and must conform to all specified physical requirements.
10. The name of the Mix Designer.
11. The ignition oven calibration factor.

334-4 Contractor Quality Control.

Assume full responsibility for controlling all operations and processes such that the requirements of these Specifications are met at all times. Perform any tests necessary at the plant and roadway for quality control purposes.

334-5 General Construction Requirements.

334-5.1 Weather Limitations: Do not transport asphalt mix from the plant to the roadway unless all weather conditions are suitable for the laying operations.

334-5.2 Limitations of Laying Operations:

334-5.2.1 General: Spread the mixture only when the surface upon which it is to be placed has been previously prepared, is intact, firm, and properly cured, and is dry.

334-5.2.2 Air Temperature: Spread the mixture only when the air temperature in the shade and away from artificial heat is at least 40°F for layers greater than 1 inch (100 lb/yd²) in thickness and at least 45°F for layers 1 inch (100 lb/yd²) or less in thickness (this includes leveling courses). The minimum temperature requirement for leveling courses with a spread rate of 50 lb/yd² or less is 50°F.

334-5.3 Mix Temperature: Heat and combine the ingredients of the mix in such a manner as to produce a mixture with a temperature at the plant and at the roadway, within a range of ±30°F from the target temperature as shown on the mix design. Reject all loads outside of this range.

334-5.4 Transportation of the Mixture: Transport the mixture in vehicles previously cleaned of all foreign material. After cleaning, thinly coat the inside surface of the truck bodies with soapy water or an asphalt release agent as needed to prevent the mixture from adhering to the beds. Do not allow excess liquid to pond in the truck body. Do not use diesel fuel or any other hazardous or environmentally detrimental material as a coating for the inside surface of the truck body. Cover each load at all times.

334-5.5 Preparation of Surfaces Prior to Paving:

334-5.5.1 Cleaning: Clean the surface of all loose and deleterious material by the use of power brooms or blowers, supplemented by hand sweeping where necessary.

334-5.5.2 Patching and Leveling Courses: Where the HMA is to be placed on an existing pavement which is irregular, wherever the plans indicate, or if directed by the Engineer, bring the existing surface to proper grade and cross-section by the application of patching or leveling courses.

334-5.5.3 Application over Surface Treatment: Where an asphalt mix is to be placed over a surface treatment, sweep and dispose of all loose material from the paving area.

334-5.5.4 Tack Coat: Apply a tack coat on existing pavement structures that are to be overlaid with an asphalt mix and between successive layers of all asphalt mixes, unless directed otherwise by the Engineer. Use a tack coat product meeting FDOT specifications. Use an emulsified tack coat spread rate of 0.02 to 0.08 gal/sy or as specified by the Engineer.

334-5.6 Paving:

334-5.6.1 Alignment of Edges: With the exception of pavements placed adjacent to curb and gutter or other true edges, place all pavements by the stringline method to obtain an accurate, uniform alignment of the pavement edge. Control the unsupported pavement edge to ensure that it will not deviate more than ± 1.5 inches from the stringline.

334-5.6.2 Rain and Surface Conditions: Immediately cease transportation of asphalt mixtures from the plant when rain begins at the roadway. Do not place asphalt mixtures while rain is falling, or when there is water on the surface to be covered. Once the rain has stopped and water

has been removed from the tacked surface to the satisfaction of the Engineer and the temperature of the mixture caught in transit still meets the requirements as specified in 334-5.3, the Contractor may then place the mixture caught in transit.

334-5.6.3 Checking Depth of Layer: Check the depth of each layer at frequent intervals, and make adjustments when the thickness exceeds the allowable tolerance. When making an adjustment, allow the paving machine to travel a minimum distance of 32 feet to stabilize before the second check is made to determine the effects of the adjustment.

334-5.6.4 Hand Spreading: In limited areas where the use of the spreader is impossible or impracticable, spread and finish the mixture by hand.

334-5.6.5 Spreading and Finishing: Upon arrival, dump the mixture in the approved paver, and immediately spread and strike-off the mixture to the full width required, and to such loose depth for each course that, when the work is completed, the required weight of mixture per square yard, or the specified thickness, is secured. Carry a uniform amount of mixture ahead of the screed at all times.

334-5.6.6 Thickness of Layers: Construct each course of Type SP mixtures in layers of the thickness shown in 334-1.5.1.

334-5.7 Leveling Courses:

334-5.7.1 Patching Depressions: Before spreading any leveling course, fill all depressions in the existing surface more than 1 inch deep by spot patching with leveling course mixture, and compact thoroughly.

334-5.7.2 Spreading Leveling Courses: Place all courses of leveling with an asphalt paver or by the use of two motor graders, one being equipped with a spreader box. Other types of leveling devices may be used upon approval by the Engineer.

334-5.7.3 Rate of Application: When using Type SP-9.5 (fine graded) for leveling, do not allow the average spread of a layer to be less than 50 lb/yd² or more than 75 lb/yd². The quantity of mix for leveling shown in the plans represents the average for the entire project; however, the Contractor may vary the rate of application throughout the project as directed by the Engineer. When leveling in connection with base widening, the Engineer may require placing all the leveling mix prior to the widening operation.

334-5.8 Compaction: For each paving or leveling train in operation, furnish a separate set of rollers, with their operators.

When density testing for acceptance is required (Asphalt Work Category 3), select equipment, sequence, and coverage of rolling to meet the specified density requirement. Regardless of the rolling procedure used, complete the final rolling before the surface temperature of the pavement drops to the extent that effective compaction may not be achieved or the rollers begin to damage

the pavement.

When density testing for acceptance is not required (Asphalt Work Categories 1 and 2), use a rolling pattern approved by the Engineer.

Use hand tamps or other satisfactory means to compact areas which are inaccessible to a roller, such as areas adjacent to curbs, headers, gutters, bridges, manholes, etc.

334-5.9 Joints.

334-5.9.1 Transverse Joints: Construct smooth transverse joints, which are within 3/16 inch of a true longitudinal profile when measured with a 15-foot manual straightedge.

334-5.9.2 Longitudinal Joints: For all layers of pavement except the leveling course, place each layer so that longitudinal construction joints are offset 6 to 12 inches laterally between successive layers. Do not construct longitudinal joints in the wheel paths. The Engineer may waive these requirements where offsetting is not feasible due to the sequence of construction.

334-5.10 Surface Requirements: Construct a smooth pavement with good surface texture and the proper cross-slope.

334-5.10.1 Texture of the Finished Surface of Paving Layers: Produce a finished surface of uniform texture and compaction with no pulled, torn, raveled, crushed or loosened portions and free of segregation, bleeding, flushing, sand streaks, sand spots, or ripples. Correct any area of the surface that does not meet the foregoing requirements in accordance with 334-5.10.4.

334-5.10.2 Cross Slope: Construct a pavement surface with cross slopes in compliance with the requirements of the Contract Documents.

334-5.10.3 Pavement Smoothness: Construct a smooth pavement meeting the requirements of this Specification. Furnish a 15-foot manual and a 15-foot rolling straightedge meeting the requirements of FM 5-509. always Make them available at the job site during paving operations for Asphalt Work Category 3 and make them available upon request of the Engineer for Asphalt Work Categories 1 and 2.

334-5.10.3.1 Asphalt Work Category 3:

334-5.10.3.1.1 Acceptance Testing: Straightedge the final Type SP structural layer and friction course layer with a rolling straightedge. Test all pavement lanes where the width is constant using a rolling straightedge and document all deficiencies on a form approved by the Engineer. Notify the Engineer of the location and time of all straightedge testing a minimum of 48 hours before beginning testing.

334-5.10.3.1.2 Rolling Straightedge Exceptions: Testing with the rolling straightedge will not be required in the following areas: intersections, tapers, crossovers, parking lots and similar areas. In

addition, testing with the rolling straightedge will not be performed on the following areas when they are less than 50 feet in length: turn lanes, acceleration/deceleration lanes and side streets. However, correct any individual surface irregularity in these areas that deviates from the plan grade in excess of 3/8 inch as determined by a 15-foot manual straightedge, and that the Engineer deems to be objectionable, in accordance with 334-5.10.4. The Engineer may waive or modify straight edging requirements if no milling, leveling, overbuild or underlying structural layer was placed on the project and the underlying layer was determined to be exceptionally irregular.

334-5.10.3.1.3 Final Type SP Structural Layer: Straightedge the final Type SP structural layer with a rolling straightedge behind the final roller of the paving train. Correct all deficiencies in excess of 3/16 inch in accordance with 334-5.10.4.2, and retest the corrected areas.

334-5.10.3.1.4 Friction Course Layer: At the completion of all paving operations, straightedge the friction course. Correct all deficiencies in excess of 3/16 inch in accordance with 334-5.10.4.3. Retest all corrected areas.

334-5.10.3.2 Asphalt Work Categories 1 and 2: If required by the Engineer, straightedge the final structural layer with a rolling straightedge, either behind the final roller of the paving train or as a separate operation. Correct all deficiencies in excess of 5/16 inch in accordance with 334-5.10.4.2. Retest all corrected areas. If the Engineer determines that the deficiencies on a bicycle path are due to field geometrical conditions, the Engineer will waive corrections with no deduction to the pay item quantity.

334-5.10.4 Correcting Unacceptable Pavement:

334-5.10.4.1 General: Correct all areas of unacceptable pavement at no additional cost.

334-5.10.4.2 Structural Layers: Correct deficiencies in the Type SP structural layer by one of the following methods:

- a. Remove and replace the full depth of the layer, extending a minimum of 50 feet on either side of the defective area for the full width of the paving lane.
- b. Mill the pavement surface to a depth and width that is adequate to remove the deficiency. (This option only applies if the structural layer is not the final surface layer.)

334-5.10.4.3 Friction Course: Correct deficiencies in the friction course layer by removing and replacing the full depth of the layer, extending a minimum of 50 feet on either side of the defective area for the full width of the paving lane. Corrections may be waived if approved by the Engineer.

334-6 Acceptance of the Mixture.

334-6.1 General: The asphalt mixture will be accepted based on the Asphalt Work Category as defined below:

- 1) Asphalt Work Category 1 – Certification by the Contractor as defined in 334-6.2.
- 2) Asphalt Work Category 2 – Certification and quality control testing by the Contractor as defined in 334-6.3
- 3) Asphalt Work Category 3 – Quality control testing by the Contractor and acceptance testing by the Engineer as defined in 334-6.4.

334-6.2 Certification by the Contractor: On Asphalt Work Category 1 construction, the Engineer will accept the mix on the basis of visual inspection. Submit a Notarized Certification of Specification Compliance letter on company letterhead to the Engineer stating that all material produced and placed on the project was in substantial compliance with the Specifications. The Engineer may run independent tests to determine the acceptability of the material.

334-6.3 Certification and Quality Control Testing by the Contractor: On Asphalt Work Category 2 construction, submit a Notarized Certification of Specification Compliance letter on company letterhead to the Engineer stating that all material produced and placed on the project was in substantial compliance with the Specifications, along with supporting test data documenting all quality control testing as described in 334-6.3.1. If so required by the Contract, utilize an Independent Laboratory as approved by the Engineer for the quality control testing. The mix will also require visual acceptance by the Engineer. In addition, the Engineer may run independent tests to determine the acceptability of the material.

334-6.3.1 Quality Control Sampling and Testing Requirements: Perform quality control testing at a frequency of once per day. Obtain the samples in accordance with FDOT Method FM 1-T 168. Test the mixture at the plant for gradation (P₈ and P₂₀₀) and asphalt binder content (P_b). Test the mixture on the roadway for density using six-inch diameter roadway cores obtained at a frequency of three cores per day.

Determine the asphalt content of the mixture in accordance with FM 5-563. Determine the gradation of the recovered aggregate in accordance with FM 1-T 030. Determine the roadway density in accordance with FM 1-T 166. The minimum roadway density will be based on the percent of the maximum specific gravity (G_{mm}) from the approved mix design. If the Contractor or Engineer suspects that the mix design G_{mm} is no longer representative of the asphalt mixture being produced, then a new G_{mm} value will be determined from plant-produced mix with the approval of the Engineer. Roadway density testing will not be required in certain situations as described in 334-6.4.1. Assure that the asphalt content, gradation and density test results meet the criteria in Table 334-3.

Table 334-3	
Quality Control and Acceptance Values	
Characteristic	Tolerance
Asphalt Binder Content (percent)	Target \pm 0.55
Passing No. 8 Sieve (percent)	Target \pm 6.00
Passing No. 200 Sieve (percent)	Target \pm 2.00
Roadway Density (average of three cores)	91.5% Gmm
Roadway Density (any single core)	90.0 % Gmm

334-6.4 Quality Control Testing by the Contractor and Acceptance Testing by the Engineer: On Asphalt Work Category 3, perform quality control testing as described in 334-6.3.1. In addition, the Engineer will accept the mixture at the plant with respect to gradation (P₈ and P₂₀₀) and asphalt binder content (P_b). The mixture will be accepted on the roadway with respect to density. The Engineer will sample and test the material as described in 334-6.3.1. The Engineer will randomly obtain at least one set of samples per day. Assure that the asphalt content, gradation and density test results meet the criteria in Table 334-3. Material failing to meet these acceptance criteria will be addressed as directed by the Engineer.

334-6.4.1 Acceptance Testing Exceptions: When the total quantity of any mix type in the Project is less than 500 tons, or on Asphalt Work Category 1 construction, the Engineer will accept the mix on the basis of visual inspection. The Engineer may run independent tests to determine the acceptability of the material.

Density testing for acceptance will not be performed on widening strips or shoulders with a width of 5 feet or less, variable thickness overbuild courses, leveling courses, first lift of asphalt base course placed on subgrade, miscellaneous asphalt pavement, or any course with a specified thickness less than 1 inch or a specified spread rate less than 100 lbs/sy. In addition, density testing for acceptance will not be performed on the following areas when they are less than 1,000 feet in length: crossovers, intersections, turning lanes, acceleration lanes, deceleration lanes, or ramps. Compact these courses in accordance with a standard rolling procedure approved by the Engineer. In the event that the rolling procedure deviates from the approved procedure, placement of the mix will be stopped.

334-7 Method of Measurement.

For the work specified under this Section, the quantity to be paid for will be the weight of the mixture, in tons.

The bid price for the asphalt mix will include the cost of the liquid asphalt or the asphalt recycling agent and the tack coat application as specified in 334-5.5.4. There will be no separate payment or lump sum adjustment for the asphalt binder material in the asphalt mix.

334-8 Basis of Payment.

334-8.1 General: Price and payment will be compensated by lump sum for all the work specified under this Section.

SECTION 344 – LOCAL AGENCY PROGRAM CONCRETE

344-1 Description.

344-1 General: Construct Local Agency Program (LAP) Concrete based on the type of work as described in the Contract and the Concrete Work Categories as defined below.

344-1.2 Work Categories: Construction of LAP concrete elements will fall into one of the following Concrete Work Categories:

344-1.2.1 Concrete Work Category 1: Includes the construction of sidewalks, curb and gutter, ditch and slope pavement, or other non-reinforced cast-in-place or precast elements.

344-1.2.2 Concrete Work Category 2: Includes the construction of precast concrete including concrete barriers, traffic railing barriers, parapets, sound barriers, inlets, manholes, junction boxes, pipe culverts, storm sewers, box culverts, prestressed concrete poles, concrete bases for light poles, highway sign foundations, retaining wall systems, traffic separators or other structural precast elements.

344-1.2.3 Concrete Work Category 3: Includes the work associated with the placement and/or construction of structural cast-in-place concrete requiring a class of concrete specified in FDOT Section 346.

344-2 Materials.

344-2.1 General: Use concrete composed of a mixture of Portland cement, aggregates, and water, with or without chemical or mineral admixtures that meet the following requirements:

344-2.1.1 Portland Cement: Cement shall conform to the requirements of the AASHTO or ASTM designations. Different brands of cement, cement of the same brand from different facilities or different types of cement shall be stored separately and shall not be mixed. Portland cements meeting the requirements of AASHTO M-85 or ASTM C-150 are allowed for LAP concrete.

344-2.1.2 Coarse and Fine Aggregates: Aggregates shall meet current FDOT requirements except that source approval by the FDOT is not required.

344-2.1.3 Water: Water shall meet current FDOT requirements.

344-2.1.4 Chemical Admixtures: Chemical admixtures shall meet current FDOT requirements. Admixtures may be added at the dosage rates recommended by the manufacturer.

344-2.1.5 Pozzolans and Slag: Pozzolans and Slag shall meet the current FDOT requirements.

344-2.2 Material Storage: Use a concrete production facility that meets the following requirements.

344-2.2.1 Cementitious Materials Storage: Provide a separate and clearly labeled weatherproof facility to store each brand or type of cementitious material without mixing or contamination. Provide a suitable, safe and convenient means of collecting cementitious material samples at each storage facility.

344-2.2.2 Aggregate Storage: Provide suitable bins, stockpiles or silos to store and identify aggregates without mixing, segregating or contaminating different grades or types of materials. Identify aggregate type/gradation. Handle the aggregates in a manner to minimize segregation and meet the specification requirements when recovered from storage. Continuously and uniformly sprinkle coarse aggregate with water, for 24 hours preceding introduction into the concrete mix. Timers may be used to facilitate the sprinkling of aggregate stockpiles using an alternating on/off method. However, in no event shall the top surface of the stockpile be permitted to become dry prior to batching of concrete. Moisture probes may be used to determine the moisture content of the aggregate. Ensure that the accuracy of the probe is certified annually and verified weekly. Maintain stored aggregates in a well-drained condition to minimize free water content. Provide access for the Engineer to sample the aggregates from the recovery side of the storage facility.

344-3 Production, Mixing and Delivery of Concrete.

344-3.1 Concrete Production Requirements: Use concrete production facilities certified by the National Ready-Mixed Concrete Association (NRMCA), approved by the FDOT.

Produce concrete utilizing equipment that is in good operating condition and operated in a manner to ensure a consistent product. When moisture probes are not used, ensure that the concrete production facility determines the free moisture for the coarse and fine aggregates within two hours prior to each day's batching. On concrete placements expected to exceed three hours, perform an additional moisture test approximately half way through the batching operations and adjust batch proportions accordingly.

Ensure that the calibration of the measuring devices of the concrete production facilities meets the requirements of Chapter 531 of the Florida Statutes, and are in accordance with Chapter 9.2 of the FDOT Materials Manual. At least quarterly, ensure that all scales, meters and other weighing or measuring devices are checked for accuracy by a qualified representative of a scale company registered with the Bureau of Weights and Measures of the Florida Department of Agriculture. As an alternative, the producer may have this frequency identified in an FDOT approved QC plan. The accuracy of admixture measuring dispensers will be certified annually by the admixture supplier.

When Volumetric Mixers are used for Category I applications, deliver concrete in accordance with the requirements of Volumetric Mixer Manufacturers Bureau (VMMB) and ensure that the

vehicle has a VMMB registered rating plate.

344-3.2 Classes of Concrete: Classes of concrete to be used on the project will be defined in the Contract Documents.

344-3.3 Contractors Quality Control: The Contractor will supply a Quality Control (QC) plan to identify to the Agency how quality will be ensured at the project site. During random inspections the Agency will use this document to verify that the construction of the project is in agreement with his QC plan.

344-3.4 Concrete Mix Design: Before producing any concrete, submit the proposed mix design to the Engineer on a form provided by the Agency. Otherwise, the agency will accept mix designs previously described in an FDOT approved QC plan. In any event, use only concrete mix designs having prior approval of the Engineer.

Materials may be adjusted provided that the theoretical yield requirement of the approved mix design is met. Show all required original approved design mix data and batch adjustments and substituted material on an Agency approved concrete delivery ticket. The Engineer may disqualify any concrete production facility for non-compliance with specification requirements.

344-3.5 Delivery: For cast-in-place applications, the maximum allowable mixing and agitation time of concrete is 90 minutes.

Furnish a delivery ticket on a form approved by the Agency with each batch of concrete before unloading at the placement site. The delivery ticket shall be printed. Record material quantities incorporated into the mix on the delivery ticket. Ensure that the Batchers responsible for producing the concrete certifies that the batch was produced in accordance with these Specifications and signs the delivery ticket. The Contractor shall sign the delivery ticket certifying that the concrete was batched, delivered and placed in accordance with these Specifications.

The Contractor shall be responsible for rejecting loads of concrete that do not meet the plastic properties of the approved mix design or the minimum compressive strength requirements.

At the sole option of the Agency, the Engineer may accept concrete at a reduced pay when it is determined that the concrete will serve its intended function.

344-3.6 Placing Concrete:

344-3.6.1 Concreting in Cold Weather: Do not place concrete when the temperature of the concrete at placement is below 45°F.

Meet the air temperature requirements for mixing and placing concrete in cold weather as specified in Section 346. During the curing period, if NOAA predicts the ambient temperature to fall below 35°F for 12 hours or more or to fall below 30°F for more than 4 hours, enclose the structure in such a way that the concrete and air within the enclosure can be kept above 60°F for a

period of 3 days after placing the concrete or until the concrete reaches a minimum compressive strength of 1,500 psi.

Assume all risks connected with the placing and curing of concrete. Although the Engineer may give permission to place concrete, the Contractor is responsible for satisfactory results. If the placed concrete is determined to be unsatisfactory, remove, dispose of, and replace the concrete at no expense to the Agency.

344-3.6.2 Concreting in Hot Weather: Meet the temperature requirements and special measures for mixing and placing concrete in hot weather as specified in Section 346.

When the temperature of the concrete as placed exceeds 75°F, incorporate in the concrete mix a water-reducing retarder or water reducer if allowed by Section 346.

Spray reinforcing steel and metal forms with cool fresh water just prior to placing the concrete in a method approved by the Engineer.

Assume all risks connected with the placing and curing of concrete. Although the Engineer may give permission to place concrete, the Contractor is responsible for satisfactory results. If the placed concrete is determined to be unsatisfactory, remove, dispose of, and replace the concrete at no expense to the Agency.

344-3.7 Mixers: Ensure that mixers are capable of combining the components of concrete into thoroughly mixed and uniform mass, free from balls or lumps of cementitious materials, and capable of discharging the concrete uniformly. Operate concrete mixers at speeds per the manufacturer's design. Do not exceed the manufacturer's rated Capacity for the volume of mixed concrete in the mixer, mixing drum, or container.

344-3.8 Small Quantities of Concrete: With approval of the Engineer, small quantities of concrete, less than 3 yd³ placed in one day and less than 0.5 yd³ placed in a single placement may be accepted using a pre-bagged mixture. The Agency may verify that the pre-bagged mixture is prepared in accordance with the manufacturer's recommendations and will meet the requirements of this Specification.

344-3.9 Sampling and Testing:

344-3.9.1 Category 1: The Engineer may sample and test the concrete at his discretion to verify its quality. The minimum 28-day compressive strength requirement for this concrete is 2,500 psi.

344-3.9.2: Category 2: Provide a statement of certification from the manufacturer of the precast element that the element meets the quality control and inspection testing requirements of the Contract Documents.

344-3.9.3 Category 3: The Agency will randomly select a sample from each 200 yd³ or one day's production to determine plastic properties and to make three 4 x 8 inch cylinders for testing by the

Agency at 28 days to ensure that the design compressive strength has been met. The Agency may, at its discretion, test additional concrete samples to ensure compliance with the specifications.

344-3.10 **Records:** Maintain the following records for review for at least 3 years after final acceptance of the project:

1. Approved concrete mix designs.
2. Materials source (delivery tickets, certifications, certified mill test reports).
3. A copy of the scale company or testing agency report showing the observed deviations from quantities checked during calibration of the scales and meters.
4. A copy of the documentation certifying the admixture weighing/measuring devices.
5. For Non Structural LAP concrete the Agency will accept recent NRMCA, VMMB or FDOT inspection records certifying the plant or truck can produce concrete. In addition, documentation will be available at the plant or in the truck showing that action has been taken to correct deficiencies noted during the inspections.

344-4 **Acceptance of the Work.**

344-4.1 Category 1 Work: Category 1 work will be accepted based upon compliance with Production, Mixing and Delivery Requirements specified in 334-3.

344-4.2 Category 2 Work: Precast elements will be accepted based upon certification from the Contractor that the elements were produced by a production facility on the FDOT's current approved plant list. In addition, the producer's QC stamp will be displayed on the element.

344-4.3 Category 3 Work: Category 3 work shall be in full compliance with this Specification, and with current FDOT Specifications, Section 346 and associated Contractor Quality Control (QC) specifications governing cast-in-place concrete. In addition, a Delivery Ticket as described in 344-3.5 will be required for acceptance of the material at the project site.

344-5 **Method of Measurement.**

The quantities to be paid for will be the items shown in the plans, completed and accepted.

344-6 **Basis of Payment.**

Prices and payments will be full compensation for all work and materials specified in this Section.

SECTION 580 - LANDSCAPE INSTALLATION

580-1 Description.

Plant trees and shrubs of the species, size, and quality indicated in the plans.

The Engineer reserves the right to adjust the number and location of any of the designated types and species to be used at any of the locations shown, in order to provide for any unanticipated effects which might become apparent after the substantial completion of other phases of the project, or for other causes.

580-2 Materials.

580-2.1 Plants:

580-2.1.1 Authority for Nomenclature; Species, etc.: For the designated authority in the identification of all plant material, refer to two publications of L.H. Bailey: "Hortus III" and "Manual of Cultivated Plants," and ensure that all specimens are true to type, name, etc., as described therein. For the standard nomenclature, refer to the publication of the American Joint Committee on Horticultural Nomenclature, "Standardized Plant Names."

580-2.1.2 Grade Standards and Conformity with Type and Species: Only use nursery grown plant material except where specified as Collected Material. Use nursery grown plant material that complies with all required inspection, grading standards, and plant regulations in accordance with the latest edition of the Florida Department of Agriculture's "Grades and Standards for Nursery Plants".

Except where a lesser grade might be specifically specified in the plans, ensure that the minimum grade for all trees and shrubs is Florida No. 1. Ensure that all plants are the proper size and grade at the time of delivery to the site, throughout the project construction period and during any designated plant establishment period.

Ensure that plant materials are true to type and species and that any plant materials not specifically covered in Florida Department of Agriculture's "Grades and Standards for Nursery Plants" conform in type and species with the standards and designations in general acceptance by Florida nurseries.

Ensure that plant materials are shipped with tags stating the botanical and common name of the plant.

580-2.1.3 Inspection and Transporting: Move nursery stock in accordance with all Federal and State regulations therefor, and accompany each shipment with the required inspection certificates for filing with the Engineer.

580-2.2 Water: Water used in landscaping operations may be obtained from any approved source. Ensure that water is free of any substance which might be detrimental to plant growth. The use of effluent water is subject to approval and must meet all Federal, State and Local requirements.

580-3 Specific Requirements for the Various Plant Designations.

580-3.1 Balled-and-Burlapped Plants (B&B), and Wired Balled-and-Burlapped (WB & B):

580-3.1.1 General: Properly protect the root ball of these plants until planting them. The Engineer may reject any plant which shows evidence of having been mishandled.

Set the B&B and WB&B plants then remove the top 2/3 of all wire, rope, and binding surrounding the plant. Remove the burlap from the top 4 inches [100 mm] of the root ball. Do not disturb the root ball in any way. Bare root material is not allowed for substitution.

At least 90 days before digging out B & B and WB & B plants, root-prune those 1 1/2 inches [38 mm] or greater in diameter and certify such fact on accompanying invoices.

580-3.1.2 Provisions for Wiring: For plants grown in soil of a loose texture, which does not readily adhere to the root system (and especially in the case of large plants or trees), the Engineer may require WB & B plants. For WB & B plants, before removing the plant from the excavated hole, place sound hog wire around the burlapped ball, and loop and tension it until the tightened wire netting substantially packages the burlapped ball such as to prevent disturbing of the loose soil around the roots during handling.

580-3.2 Container-Grown Plants (CG): The Engineer will not accept any CG plants with roots which have become pot-bound or for which the top system is too large for the size of the container. Fully cut and open all containers in a manner that will not damage the root system. Do not remove CG plants from the container until immediately before planting to prevent damage to the root system.

580-3.3 Collected Plants (Trees and Shrubs) (C): Use C plants which have a root ball according to "Florida Grades and Standards for Nursery Plants". Do not plant any C plant before the Engineer's inspection and acceptance at the planting site.

580-3.4 Collected Plants (Herbaceous) (HC): The root mass and vegetative portions of collected herbaceous plants shall be as large as the specified container-grown equivalent. Do not plant any collected plant before inspection and acceptance by the Engineer.

580-3.5 Specimen Plants (Special Grade): When Specimen (or Special Grade) plants are required, label them as such on the plant list, and tag the plant to be furnished.

580-3.6 Palms: Wrap the roots of all plants of the palm species before transporting, except if they are CG plants and ensure that they have an adequate root ball structure and mass for healthy transplantation as defined in "Florida Grades and Standards for Nursery Plants".

The Engineer will not require burlapping if the palm is carefully dug from marl or heavy soil that adheres to the roots and retains its shape without crumbling. During transporting and after arrival, carefully protect root balls of palms from wind and exposure to the sun. Muck grown palms are not allowed. After delivery to the job site, if not planting the palm within 24 hours, cover the root ball with a moist material. Plant all palms within 48 hours of delivery to the site.

Move sabal and coconut palms in accordance with the "Florida Grades and

Standards for Nursery Plants.”

580-3.7 Substitution of Container-Grown (CG) Plants: With the Engineer’s approval, the Contractor may substitute CG plants for any other root classification types, if he has met all other requirements of the Contract Documents.

580-4 Planting Requirements.

580-4.1 Layout: Prior to any excavation or planting, mark all planting beds and individual locations of palms, trees, large shrubs and proposed art and architectural structures, as shown in the plans, on the ground with a common bright orange colored spray paint, or with other approved methods, within the project limits. Obtain the Engineer’s approval and make necessary utility clearance requests.

580-4.2 Excavation of Plant Holes: Excavate plant holes after an area around the plant three times the size of the root ball has been tilled to a depth of the root ball. Ensure that the plant hole is made in the center of the tilled area only to the depth of the plant root ball.

Where excess material has been excavated from the plant hole, use the excavated material to backfill to proper level.

580-4.3 Setting of Plants: Center plants in the hole. Lower the plant into the hole so that it rests on a prepared hole bottom such that the roots are level with, or slightly above, the level of their previous growth and so oriented such as to present the best appearance.

Backfill with native soil, unless otherwise specified on the plans. Firmly rod and water-in the backfill so that no air pockets remain. Apply a sufficient quantity of water immediately upon planting to thoroughly moisten all of the backfilled earth. Keep plants in a moistened condition for the duration of the planting period.

When so directed, form a water ring 6 inches [150 mm] in width to make a water collecting basin with an inside diameter equal to the diameter of the excavated hole. Maintain the water ring in an acceptable condition.

580-4.4 Special Bed Preparation: Where multiple or mass plantings are to be made in extended bedding areas, and the plans specify Special Bed Preparation, prepare the planting beds as follows:

Remove all vegetation from within the area of the planting bed and excavate the surface soil to a depth of 6 inches [150 mm]. Backfill the excavated area with peat, sand, finish soil layer material or other material to the elevation of the original surface. Till the entire area to provide a loose, friable mixture to a depth of at least 8 inches [200 mm]. Level the bed only slightly above the adjacent ground level. Then mulch the entire bedding area, in accordance with 580-8.

580-5 Staking and Guying.

580-5.1 General: When specified in the plans, or as directed by the Engineer, stake plants in accordance with the following.

Use wide plastic, rubber or other flexible strapping materials to support the tree to stakes or ground anchors that will give as the tree moves in any direction up to 30 degrees. Do not use rope or wire through a hose. Use guy chords, hose or any other thin bracing or anchorage material which has a minimum 12 inches [300 mm] length of high visibility flagging tape secured to guys, midway between the tree and stakes for safety.

Stake trees larger than 1 inch [25 mm] diameter and smaller than 2 inches [50 mm] diameter with a 2 by 2 inch [50 by 50 mm] stake, set at least 2 feet [0.6 m] in the ground and extending to the crown of the plant. Firmly fasten the plant to the stake with flexible strapping materials as noted above.

580-5.2 Trees of 2 to 3 1/2 inches [50 to 90 mm] Caliper: Stake all trees, other than palm trees, larger than 2 inches [50 mm] caliper and smaller than 3 1/2 inches [90 mm] caliper with two 2 by 4 inch [50 by 100 mm] stakes, 8 feet [2.4 m] long, set 2 feet [0.6 m] in the ground. Place the tree midway between the stakes and hold it firmly in place by flexible strapping materials as noted above.

580-5.3 Large Trees: Guy all trees, other than palm trees, larger than 3 1/2 inches [90 mm] caliper, from at least three points, with flexible strapping materials as noted above.

Anchor flexible strapping to 2 by 4 by 24 inch [50 by 100 by 600 mm] stakes, driven into the ground such that the top of the stake is at least 3 inches [75 mm] below the finished ground.

580-5.4 Special Requirements for Palm Trees: Brace palms which are to be staked with three 2 by 4 inch [50 by 100 mm] wood braces, toe-nailed to cleats which are securely banded at two points to the palm, at a point one third the height of the trunk. Pad the trunk with five layers of burlap under the cleats. Place braces approximately 120 degrees apart and secure them underground by 2 by 4 by 12 inch [50 by 100 by 300 mm] stake pads.

580-6 Tree Protection and Root Barriers.

Install tree barricades when called for in the Contract Documents or by the Engineer to protect existing trees from damage during project construction. Place barricades at the drip line of the tree foliage or as far from the base of the tree trunk as possible. Barricades shall be able to withstand bumps by heavy equipment and trucks. Maintain barricades in good condition.

When called for in the Contract Documents, install root barriers or fabrics in accordance with the details shown.

580-7 Pruning.

Prune all broken or damaged roots and limbs in accordance with established arboriculture practices. When pruning is completed ensure that all remaining wood is alive. Do not reduce the size or quality of the plant below the minimum specified.

580-8 Mulching.

Uniformly apply mulch material, consisting of wood chips (no Cypress Mulch is allowed), pine straw, compost, or other suitable material approved by the Engineer, to a minimum loose thickness of 3 inches [75 mm] over the entire area of the backfilled hole or bed within two days after the planting. Maintain the mulch continuously in place until the time of final inspection.

580-9 Disposal of Surplus Materials and Debris.

Dispose of surplus excavated material from plant holes by scattering or otherwise as might be directed so that it is not readily visible or conspicuous to the passing motorist or pedestrian. Remove all debris and other objectionable material from the site and clean up the entire area and leave it in neat condition.

580-10 Contractor's Responsibility for Condition of the Plantings.

Ensure that the plants are kept watered, that the staking and guying is kept adjusted as necessary, that all planting areas and beds are kept free of weeds and undesirable plant growth and that the plants are maintained so that they are healthy, vigorous, and undamaged at the time of acceptance.

580-11 Plant Establishment Period.

If the Contract Documents designate a Plant Establishment Period, assume responsibility for the proper maintenance, survival and condition of all landscape items during such period at no additional cost.

580-12 Method of Measurement.

The quantities to be paid for will be the items shown in the plans, completed and accepted.

580-13 Basis of Payment.

Prices and payments will be full compensation for all work specified in this Section.

END OF SECTION

SECTION 13 FORMS

THIS BID IS SUBMITTED TO:

Village of Palmetto Bay
Clerks Office
9705 E. Hibiscus Street
Palmetto Bay, Florida 33157

The undersigned PROPOSER proposes and agrees, if this Bid is accepted, to enter into an agreement with The Village of Palmetto Bay in the form included in the Contract Documents to perform and furnish all Work as specified or indicated in the Contract Documents for the Contract Price and within the Contract Time indicated in this Bid and in accordance with the other terms and conditions of the Contract Documents.

PROPOSER accepts all of the terms and conditions of the Advertisement or Invitation to Bid and Instructions to PROPOSER'S, including without limitation those dealing with the disposition of Bid Security. This Bid will remain subject to acceptance for 120 days after the day of Bid opening. PROPOSER agrees to sign and submit the Agreement with the Bonds and other documents required by the Bidding Requirements within ten days after the date of Village's Notice of Award.

In submitting this Bid, PROPOSER represents, as more fully set forth in the Agreement, that:

- (a) PROPOSER has examined copies of all the Bidding Documents and of the following Addenda (receipt of all which is hereby acknowledged.)

Addendum No. _____ Dated: _____

Addendum No. _____ Dated: _____

Addendum No. _____ Dated: _____

Addendum No. _____ Dated: _____

- (b) PROPOSER has familiarized themselves with the nature and extent of the Contract Documents, Work, site, locality, and all local conditions and Law and Regulations that in any manner may affect cost, progress, performance, or furnishing of the service.
- (c) PROPOSER has studied carefully all local conditions.

- (d) PROPOSER has obtained and carefully studied (or assumes responsibility for obtaining and carefully studying) all such examinations, investigations, explorations, tests and studies (in addition to or to supplement those referred to in (c) above) which pertain to the subsurface or physical conditions at the site or otherwise may affect the cost, progress, performance, or furnishing of the Work at the Contract Price, within the Contract Time and in accordance with the other terms and conditions of the Contract Documents, and no additional examinations, investigations, explorations, tests, reports or similar information or data are or will be required by PROPOSER for such purposes.
- (e) PROPOSER has correlated the results of all such observations, examinations, investigations, explorations, tests, reports, and studies with the terms and conditions of the Contract Documents.
- (f) PROPOSER has given the VILLAGE written notice of all conflicts, errors, discrepancies that it has discovered in the Contract Documents and the written resolution thereof by the VILLAGE is acceptable to PROPOSER.
- (g) This Bid is genuine and not made in the interest of or on behalf of any undisclosed person, firm or corporation and is not submitted in conformity with any agreement or rules of any group, association, organization, or corporation; PROPOSER has not directly or indirectly induced or solicited any other PROPOSER to submit a false or sham Bid; PROPOSER has not solicited or induced any person, firm or corporation to refrain from bidding; and PROPOSER has not sought by collusion to obtain for itself any advantage over any other PROPOSER or over the VILLAGE.

PROPOSER understands and agrees that this is a unit rate contract. The prices submitted on the bid form are to furnish and deliver all of the goods and services complete in place. The quantities provided on the form are for the purpose of Bid Evaluation and should be considered estimates only. CONTRACTOR's lump sums will not be adjusted to reflect any deviation from the provided quantities. As such the CONTRACTOR shall furnish all labor, materials, equipment, tools, supervision, safety measures, and services necessary to provide the stated units of work for the Bid Price of:

Work to be included for all items:

Furnishing all labor, equipment, materials and any and all costs for the term of the warranty or as deemed necessary by the VILLAGE to complete the work per the specifications and as required shall be included in the above bid.

I. NOTES TO BIDDERS:

1. CONTRACTOR shall fill in the entire bid form, No spaces are to be left blank.
2. The VILLAGE reserves the right to utilize any combination of the bid units, add alternates as they so desire to achieve the proper balance between the required goods and services the VILLAGE's available budget.
3. The VILLAGE reserves the right to request per unit/each pricing of materials listed on the bid form for clarification or to purchase additional materials.

BASE BID:

_____ Dollars

(Written Total Base Bid Price - From Schedule of Values on BID Form)

5. PROPOSER agrees that the work will be completed as scheduled from the date stipulated in the work orders executed under the terms of this contract.

6. Communications concerning this Bid shall be addressed to:

PROPOSER: _____

Address: _____

Telephone _____

Facsimile Number _____

Attention: _____

- 2 The terms used in this Bid which are defined in the General Conditions of the Contract included as part of the Contract documents have the meanings assigned to them in the General Conditions.

SUBMITTED THIS DAY _____, 20____.

If PROPOSER is:

AN INDIVIDUAL

By: _____ (SEAL)

(Individual's Name)

Doing business as: _____

Business address: _____

Phone No: _____ Facsimile No: _____

A PARTNERSHIP

By: _____ (SEAL)

(Firm's Name)

(General Partner)

Business address: _____

Phone No: _____ Facsimile No: _____

A CORPORATION

By: _____

(Corporation Name)

(State of Incorporation)

By: _____

(Name of Person Authorized to Sign)

(Title)

(Corporate Seal)

Attest: _____
(President) _____

Business address: _____

Phone No: _____ Facsimile No: _____

CERTIFICATE OF AUTHORITY

(IF CORPORATION)

STATE OF _____)

) SS:

COUNTY OF _____)

I HEREBY CERTIFY that a meeting of the Board of Directors of
the

_____ a Corporation existing under
the laws of the State of Florida, held on _____, 20____, the following resolution
was duly passed and adopted:

"RESOLVED, that, as President of the Corporation, be and is hereby authorized to execute the Bid
dated, _____, 20____ , to the Village of Palmetto Bay and this Corporation and
that their execution thereof, attested by the Secretary of the Corporation, and with the Corporate
Seal affixed, shall be the official act and deed of this Corporation."

I further certify that said resolution is now in full force and effect.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the official seal of the
Corporation this _____, day of _____, 20____.

Secretary: _____

(SEAL)

CERTIFICATE OF AUTHORITY

(IF PARTNERSHIP)

STATE OF _____)

) SS:

COUNTY OF _____)

I HEREBY CERTIFY that a meeting of the Partners of the

_____ a Corporation existing under the laws of the State of _____, held on _____, 20_____, the following resolution was duly passed and adopted:

"RESOLVED, that, _____, as _____ of the Partnership, be and is hereby authorized to execute the Bid dated, _____ 20_____, to the Village of Palmetto Bay and this partnership and that their execution thereof, attested by the _____ shall be the official act and deed of this Partnership."

I further certify that said resolution is now in full force and effect.

IN WITNESS WHEREOF, I have hereunto set my hand this _____, day of _____, 20_____.

Secretary: _____

(SEAL)

END OF SECTION

13.1 AWARD FOR IDENTICAL TIE BIDS

When two or more Bids, which are equal with respect to price, quality, and service, are received by the VILLAGE we will select the bidder based on who has the most work experience

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PERFORMANCE BOND

PROJECT TITLE: Safe Route to School (SRTS) Infrastructure Improvements; Coral Reef, Howard Drive and Perrine Elementary Schools-Priority 3 (the "Project")

VENDOR :

CONTRACT NO: 2022-11-007

CONTRACT DATED:

STATE OF § _____
 § _____
COUNTY OF § _____

KNOW ALL MEN BY THESE PRESENTS: That by this Bond, we, _____
_____ Of the Village of _____, County of _____,
and State of _____, as Principal, and _____,
authorized, licensed and admitted to do business under the laws of the State of Florida to act as Surety on bonds, as Surety, are held and firmly bound unto The Village of Palmetto Bay, as Obligee, in the penal sum of _____ Dollars (\$ _____) for the payment whereof, the said Principal and Surety bind themselves, and their heirs, administrators, executors, successors and assigns, jointly and severally, by these presents:

WHEREAS, the Principal has entered into a certain written Contract with Obligee, dated the ____ day of _____, 20____, for the construction of the Safe Route to School (SRTS) Infrastructure Priority 3 Coral Reef, Howard Drive and Perrine Elementary School Improvements (the "Project"), which Contract is by reference made a part of this Bond.

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION, IS SUCH THAT, if the said Principal shall faithfully perform said Contract and shall in all respects fully and faithfully observe and perform all and singular the covenants, conditions, warranties and agreements in and by said Contract agreed and covenanted by the Principal to be observed and performed, and according to the true intent and meaning of said Contract, then this obligation shall be void; otherwise it shall remain in full force and effect.

Whenever Principal shall be declared by Obligee to be in default under the Contract, Obligee having performed Obligee's obligations thereunder, the Surety shall promptly remedy the default, or shall promptly:

- (1) Complete the Contract in accordance with its terms and conditions; or
- (2) Obtain a bid or bids for completion of the Contract in accordance with its terms and conditions and upon determination by Surety of the lowest responsive, responsible bidder, or, if

Obligee elects, upon determination by Obligee and the Surety jointly of the lowest responsive, responsible bidder, arrange for a contract between such bidder and Surety for completion of the Contract in accordance with its terms and conditions, and make available as work progresses (even though there should be a default or a succession of defaults under the contract or contracts of completion arranged under this paragraph)

sufficient funds to pay the cost of completion less the balance of the Contract price; but not exceeding the amounts set forth in the first paragraph hereof.

The term "balance of the Contract price" as used in this Bond, shall mean the total amount payable by Oblige to Principal under the Contract and amendments thereto, less the amount paid by Oblige to Principal and less amounts withheld by Oblige pursuant to its rights under the Contract.

Surety, for value received, stipulates and agrees that no change, extension of time, alteration or addition to the terms of the Contract, or to the work performed thereunder, or the plans, specifications, or drawings accompanying the same, shall in any way affect its obligation on this Bond, and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of the Contract, or to the work to be performed thereunder and further agrees to all of the terms contained in the Contract.

No right of action shall accrue on this Bond to or for the use of any person or corporation other than the Oblige named herein or the heirs, successors, executors or administrators of the Oblige.

IN WITNESS WHEREOF, the said Principal and Surety have signed and sealed this instrument this ____ day of _____, 20__.

Witness: _____

Witness: _____

Address: _____

Address: _____

Principal

Surety

By: _____

By: _____

Name: _____
(Print)

Name: _____
(Print)

Title: _____

Title: _____

Address: _____

Address: _____

The name and address of the Resident Agent for service of process on Surety is:

Name: _____

Address: _____

Phone: _____

LABOR AND MATERIAL PAYMENT BOND

PROJECT TITLE: Safe Route to School (SRTS) Infrastructure Improvements; Coral Reef, Howard Drive and Perrine Elementary Schools-Priority 3 (the "Project")

VENDOR :

CONTRACT NO: 2022-11-007

CONTRACT DATED:

STATE OF § _____
 § _____
COUNTY OF § _____

KNOW ALL MEN BY THESE PRESENTS: That, by this Bond, we _____, of the Village of _____, County of _____, State of _____, as Principal, and _____, a corporation, authorized, licensed and admitted to do business under the laws of the State of Florida, as Surety, are held and firmly bound to the Village of Palmetto Bay, as Obligee, in the sum of \$ _____ for the payment of which Principal and Surety bind ourselves our heirs, personal representatives, successors, and assigns, jointly and severally.

THE CONDITION OF THE BOND is that if Principal:

1. Promptly makes payments to all lienors or other claimants supplying labor, material, or supplies used directly or indirectly by Principal in the prosecution of the work provided in the Contract between Principal and Obligee (the "Contract") for construction of the Safe Route to School (SRTS) Infrastructure Priority 3 Coral Reef, Howard Drive and Perrine Elementary School Improvements (the "Project"), the Contract being made a part of this Bond by reference; and
2. Pays Obligee all loss, damage, expenses, costs, and Attorneys' fees, including appellate proceedings that Obligee sustains because of default by Principal under this Bond; then this Bond is void; otherwise, it remains in full force.

Any changes, extensions of time, alterations or additions in or under the Contract, Contract Documents, plans, specifications and/or drawings, or the work to be performed thereunder, and compliance or noncompliance with formalities connected with the Contract or with the changes do not affect Surety's obligations under this Bond, and Surety does hereby waive notice of any such changes, extensions of time, alterations or additions in or under the Contract, Contract Documents, plans, specifications and/or drawings, or the work to be performed thereunder.

This Bond is filed in accordance with Section 713.23, Florida Statutes, and/or Section 255.05, Florida Statutes, whichever or both as may be applicable.

DATED on _____, 20_____.

IN WITNESS WHEREOF, the said Principal and Surety have signed and sealed this instrument this ____ day of _____, 20____.

Witness: _____

Witness: _____

Address: _____

Address: _____

Principal

Surety

By: _____

By: _____

Name: _____
(Print)

Name: _____
(Print)

Title: _____

Title: _____

Address: _____

Address: _____

The name and address of the Resident Agent for service of process on Surety is:

Name: _____

Address: _____

Phone: _____

13.2 BID BOND

STATE OF FLORIDA)

)

COUNTY OF MIAMI-DADE)

KNOW ALL MEN BY THESE PRESENTS, that we, _____, as Principal, and _____, as Surety, are held and firmly bound unto the Village of Palmetto Bay, a municipal corporation of the State of Florida in the sum of _____ Dollars (\$ _____), lawful money of the United States, for the payment of which sum well and truly to be made, we bind ourselves, our heirs, executors, administrators and successors jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH that whereas the Principal has submitted the accompanying Bid dated, _____ 20____ for: _____.

WHEREAS, it was a condition precedent to the submission of said Bid that a cashier's check or Bid Bond in the amount of five percent (5%) of the Base Bid be submitted with said Bid as a guarantee that the PROPOSER would, if awarded the Contract, enter into a written Contract with the VILLAGE for the performance of said Contract, within ten (10) consecutive calendar days after written notice having been given of the Award of the Contract.

NOW, THEREFORE, the conditions of this obligation are such that if the Principal within ten (10) consecutive calendar days after written notice of such acceptance, enters into a written Contract with the Village of Palmetto Bay and furnishes the Performance and Payment Bonds, satisfactory to the VILLAGE, each in an amount equal to one hundred percent (100%) of the Contract Price, and provides all required Certificates of Insurance, then this obligation shall be void; otherwise the sum herein stated shall be due and payable to the Village of Palmetto Bay and the Surety herein agrees to pay said sum immediately, upon demand of the VILLAGE, in good and lawful money of the United States of America, as OFF for failure thereof of said Principal.

IN WITNESS WHEREOF, the above bonded parties have executed this instrument under their several seals this _____ day of _____, 20____, the name and the corporate seal of each corporate party being hereto affixed and these presents being duly signed by its undersigned representative.

IN PRESENCE OF:

_____ (SEAL)
(Individual or Partnership Principal)

(Business Address)

(Village/State/Zip)

(Business Phone)

ATTEST:

_____ Secretary
(Corporate Surety)*

By: _____

*Impress Corporate Seal

IMPORTANT

Surety companies executing bonds must appear on the Treasury Department's most current list (circular 570 as amended) and be authorized to transact business in the State of Florida.

Signed, sealed and delivered

in the presence of:

_____ By: _____

(Printed Name)

(Title)

ACKNOWLEDGMENT

State of Florida

County of _____

On this the _____ day of _____, 20____, before me, the undersigned Notary

Public of the State of Florida, personally appeared

_____ and

(Name(s) of individual(s) who appeared before notary)

whose name(s) is/are Subscribed to the within instrument, and he/she/they acknowledge that he/she/they executed it.

WITNESS my hand

and official seal.

NOTARY PUBLIC, STATE OF FLORIDA

NOTARY PUBLIC:

SEAL OF OFFICE:

(Name of Notary Public: Print, Stamp, or Type as Commissioned.)

Personally known to me, or

Personally identification:

(Type of Identification Produced)

DID take an oath,

or

DID NOT take an oath.

OPTIONAL INFORMATION:

Type Of Document: Number of Pages:

Number of Signatures Notarized:

13.3 LIST OF PROPOSED SUBCONTRACTORS

PROPOSER shall list all Proposed Subcontractors to be used on this project if they are awarded the contract.

CLASSIFICATION OF WORK / LICENSE #	NAME AND ADDRESS OF SUBCONTRACTOR
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

If, prior to Notice of the Award, the VILLAGE or the CONTRACTOR has reasonable objection to and refuses to accept any CONTRACTOR, Supplier, person or organization listed, the PROPOSER may, prior to Notice of Award, submit an acceptable substitute without an increase in their bid price.

END OF SECTION

13.4 PROPOSER QUALIFICATION STATEMENT

The PROPOSER's response to this questionnaire will be utilized as part of the VILLAGE's overall Bid Evaluation and CONTRACTOR selection.

The following minimum experience is required for this project:

- a) successful completion, verifiable with references, of at least three roadway construction and reconstruction projects performed in Miami-Dade County in the last three years, and
- b) successful completion, verifiable with references, of at least three roadway construction and re-construction projects for governmental agencies in South Florida, with at least one in Miami-Dade County.

Failure to meet these minimum guidelines will be considered an unresponsive submittal and the documents will not be considered.

List project experience consistent with the requirements stated below.

1.	Project Name/Location	_____
	Project Description	_____

	Owner Name	_____
	Contact Person	_____
	Contact Telephone No.	_____
	Yearly Budget/Cost	_____
	Dates of contract	From: _____
		To: _____
2.	Project Name/Location	_____
	Project Description	_____

Owner Name

Contact Person

Contact Telephone No.

Yearly Budget/Cost

Dates of contract

From: _____

To: _____

3. Project Name/Location

Project Description

Owner Name

Contact Person

Contact Telephone No.

Yearly Budget/Cost

Dates of contract

From: _____

To: _____

4. Project Name/Location

Project Description

Owner Name

Contact Person

Contact Telephone No.

Yearly Budget/Cost

Dates of contract

From: _____

To: _____

5. Project Name/Location

Project Description

Owner Name

Contact Person

Contact Telephone No.

Yearly Budget/Cost

Dates of contract

From: _____

To: _____

13.5 NON-COLLUSION AFFIDAVIT

State of _____)

) SS

County of _____)

_____ being first duly sworn deposes and says that:

(1) He/She/They is/are the _____

(Owner, Partner, Officer, Representative or Agent) of

_____ the PROPOSER that has submitted the attached Bid;

(2) He/She/They is/are fully informed respecting the preparation and contents of the attached Bid and of all pertinent circumstances respecting such Bid;

(3) Such Bid is genuine and is not a collusive or sham Bid;

(4) Neither the said PROPOSER nor any of its officers, partners, owners, agents, representatives, employees or parties in interest, including this affiant, have in any way colluded, conspired, connived or agreed, directly or indirectly, with any other PROPOSER, firm, or person to submit a collusive or sham Bid in connection with the Work for which the attached Bid has been submitted; or to refrain from bidding in connection with such Work; or have in any manner, directly or indirectly, sought by agreement or collusion, or communication, or conference with any PROPOSER, firm, or person to fix any overhead, profit, or cost elements of the Bid or of any other PROPOSER, or to fix any overhead, profit, or cost elements of the Bid Price or the Bid Price of any other PROPOSER, or to secure through any collusion, conspiracy, connivance, or unlawful agreement any advantage against (Recipient), or any person interested in the proposed Work;

(5) The price or prices quoted in the attached Bid are fair and proper and are not tainted by any collusion, conspiracy, connivance, or unlawful agreement on the part of the PROPOSER or any other of its agents, representatives, owners, employees or parties in interest, including this affiant. Signed, sealed and delivered in the presence of:

_____ By: _____

(Printed Name) _____ (Title) _____

ACKNOWLEDGMENT

State of Florida

County of _____

Sworn to (or affirmed) and subscribed before me this _____ day of _____, 2022 (year), by _____, the undersigned Notary

Public of The State of Florida, personally appeared and

(Name(s) of individual(s) who appeared before notary)

whose name(s) is/are Subscribed to the within instrument, and he/she/they acknowledge that he/she/they executed it.

WITNESS my hand

DID NOT take an oath.

and official seal.

OPTIONAL INFORMATION:

Type of Document:
Pages:

Number of
Pages:

NOTARY PUBLIC, STATE OF FLORIDA

Number of Signatures Notarized:

NOTARY PUBLIC:

SEAL OF OFFICE:

(Name of Notary Public: Print, Stamp, or Type as Commissioned.)

Personally known to me, or

Personally identification:

(Type of Identification Produced) _____ of _____

DID take an oath, or

**13.6 BID OPPORTUNITY LIST FOR PROFESSIONAL CONSULTANT SERVICES AND
COMMODITIES AND CONTRACTURAL SERVICES**

Located in Appendix “C” on page 244 – “FDOT Required Forms” as an attachment to this ITB.

END OF SECTION

SECTION 14

14.1 PUBLIC ENTITY CRIMES

Pursuant to the provisions of paragraph (2) (a) of Section 287.133, Florida State Statutes - "A person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a Bid on a Contract to provide any goods or services to a public entity, may not submit a Bid on a Contract with a public entity for the construction or repair of a public building or public Work, may not submit bids on leases of real property to a public entity, may not be awarded to perform Work as a CONTRACTOR, supplier, Subcontractor, or Consultant under a Contract with any public entity, and may not transact business with any public entity in excess of the threshold amount Category Two of Sec. 287.017, FS for thirty six months from the date of being placed on the convicted vendor list".

14.2 CONFLICTS OF INTEREST

The award of any contract hereunder is subject to the provisions of Chapter 112, Florida State Statutes. PROPOSER's must disclose with their Bids, the name of any officer, director, partner, associate or agent who is also an officer or employee of the Village of Palmetto Bay or its' agencies.

AND

The PROPOSER shall insert and require its sub-contractors to insert, the following provisions as required by Section 14.f of LAP Agreement (FDOT Form No. 525-010-40):

“No member, officer or employee of the RECEIPIENT or of the locality during his tenure or for 2 years thereafter shall have any interest, direct or indirect, in this contract or the proceeds thereof.”

CONTINUED ON NEXT PAGE

14.3 SWORN STATEMENT PURSUANT TO SECTION 287.133(3)(a) FLORIDA STATUTES, ON PUBLIC ENTITY CRIMES

THIS FORM MUST BE SIGNED AND SWORN TO IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICIAL AUTHORIZED TO ADMINISTER OATHS.

1. This sworn statement is submitted to _____
by _____
for _____ whose
business address is _____ and (if
applicable) its Federal Employer Identification number (FEIN) is _____ (IF the
entity had no FEIN, include the Social Security Number of the individual signing this sworn
statement: _____).

2. I understand that a "public entity crime" as defined in Paragraph 287.133(1)(g), Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or with the United States, including, but not limited to, any Bid or Contract for goods or services to be provided to any public entity or an agency or political subdivision of any other state of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentation.

3. I understand that "convicted" or "conviction" as defined in Para. 287.133(1)(b), Florida Statutes, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, non-jury trial, or entry of a plea of guilty or nolo contendere.

4. I understand that an "affiliate" as defined in Para. 287.133(1)(a), Florida Statutes, means:

1. A predecessor or successor of a person convicted of a public entity crime; or

2. Any entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executors, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prime facie case that one person controls another person. A person who knowingly enters into a partnership or corporation with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.

5. I understand that a "person" as defined in Para. 287.133(1)(e), Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with

the legal power to enter into a binding Contract and which Bids or applies to Bid on Contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "persons" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of any entity.

6. Based on information and belief, the statement which I have marked below is true in relation to the entity submitting this sworn statement. (Indicate which statement applies.)

_____ Neither the entity submitting this sworn statement, nor any of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, nor any affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989.

_____ The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989.

_____ The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989. However, there has been a subsequent proceeding before a Hearing Officer of the State of Florida, Division of Administrative Hearings and the Final Order entered by the Hearing Officer of the State of Florida, Division of Administrative Hearings and the Final Order entered by the Hearing Officer determined that it was not in the public interest to place the entity submitting this sworn statement on the convicted vendor list. (Attach a copy of the final order.)

I UNDERSTAND THAT THE SUBMISSION OF THIS FORM TO THE CONTRACTING OFFICER FOR THE PUBLIC ENTITY IDENTIFIED IN PARAGRAPH 1 (ONE) ABOVE IS FOR THAT PUBLIC ENTITY ONLY AND, THAT THIS FORM IS VALID THROUGH DECEMBER 31 OF THE CALENDAR YEAR IN WHICH IT IS FILED. I ALSO UNDERSTAND THAT I AM REQUIRED TO INFORM THE PUBLIC ENTITY PRIOR TO ENTERING INTO A CONTRACT IN EXCESS OF THE THRESHOLD AMOUNT PROVIDED IN SECTION 287.017, FLORIDA STATUTES, FOR CATEGORY TWO OF ANY, CHANGE IN THE INFORMATION CONTAINED IN THIS FORM.

By: _____

Print Name _____

Title: _____

Sworn to and subscribed before me this _____ day of _____, 20____

Personally known _____ or

Produced Identification _____ Notary Public - State of _____
_____ My Commission Expires _____

(Type of Identification)

(Printed, typed, or stamped commission name of notary public)

END OF SECTION

SECTION 15

15.1 NOTICE OF AWARD

TO: _____

PROJECT DESCRIPTION: Village of Palmetto Bay Safe Route to School (SRTS) Infrastructure Priority 3 - Coral Reef, Howard Drive and Perrine Elementary 2022-11-007 in accordance with Contract Documents as prepared by the Village

and

The VILLAGE has considered the Bid submitted by you for the above described WORK in response to its Advertisement for Bid and Instruction to BIDDERS.

You are hereby notified that your Bid has been accepted for the Safe Route to School (SRTS) Infrastructure Priority 3 - Coral Reef, Howard Drive and Perrine Elementary 2022-11-007. You are required by the Instruction to PROPOSER's to execute the Agreement and furnish the required CONTRACTOR's Performance Bond, Payment Bond and Certificates of Insurance within ten (10) days from the date of this Notice to you.

If you fail to execute said Agreement and to furnish said Bonds and Insurance within ten (10) days from the date of this Notice, said VILLAGE will be entitled to disqualify the Bid, revoke the award and retain the Bid Security.

BY: _____
Nicholas Marano

TITLE: VILLAGE MANAGER

Dated this _____ day of _____, 20____.

15.2 ACCEPTANCE OF NOTICE

Receipt of the above Notice of Award is hereby acknowledged by a representative of the Prime Contractor, this _____ day of _____, 20_____.

BY: _____

TITLE: _____

You are required to return an acknowledged copy of this Notice of Award to the VILLAGE.

END OF SECTION

SECTION 16

16.1 AGREEMENT

THIS AGREEMENT is made and entered into this _____ day of _____, 20____, by and between the Village of Palmetto Bay, a Florida municipal corporation (hereinafter referred to as "Village"), and _____ authorized to do business in the State of Florida, (hereinafter referred to as "Contractor" and jointly referred to as the Parties.

WITNESSETH:

WHEREAS, the Village advertised an Invitation to Bid (ITB) on May 10, 2022, and

WHEREAS, Contractor submitted a Bid dated _____, 20____ in response to the Village's request, and

WHEREAS, at a meeting held on _____, 20____, the Village Council awarded the Contractor and agreed to enter into an Agreement with said Contractor to perform the services described in the ITB and Company's Bid submitted in response to the ITB ("Goods"),

NOW THEREFORE, in consideration of the promises and the mutual covenants herein named, the parties hereto agree as follows:

Article 1 Incorporation of Documents

The following documents are hereby incorporated by reference and are made part of this Agreement.

- (1) Specifications and Bid Documents prepared by the Village for the construction of an **ITB# 2022-11-007 Construction of SRTS Infrastructure Priority 3 – Coral Reef, Howard Drive and Perrine Elementary.**
- (2) Proposal for the Village of Palmetto Bay prepared by Contractor dated _____, 20____. (Exhibit 2).
- (3) Required Contract Provisions – Federal Aid Construction Contracts FHWA 1273 (Exhibit 3).

All exhibits referenced in this agreement are made a part of this agreement and are collectively referred to as the "Documents." In the event of any conflict between the Documents or any

ambiguity or missing specifications or instructions, the following, in no order of priority, is established:

- A. This Agreement
- B. Exhibit 1: ITB# 2022-11-007
- C. Exhibit 2: Contractor's Submitted Proposal
- D. Exhibit 3: FDOT Required Forms

Article 2 Scope of Work

CONTRACTOR shall complete all Work as specified or indicated in the Contract Documents. The Work is generally described as follows:

The Contractor hereby agrees to furnish all the materials, tools, equipment, labor, services, incidentals and everything necessary to perform; and shall perform, all of the Work, herein referred to as the Work in accordance with the ITB Bid form Sheet and throughout the contractual terms and conditions.

- A. Contractor agrees to provide Goods (hereinafter inclusively referred to as the "Goods") as specifically described and under the terms and conditions set forth in Exhibit 1.
- B. Contractor represents and warrants to the Village that: (i) it possesses all qualifications, licenses and expertise required for the performance of the Services to produce the Goods: (ii) it is not delinquent in the payment of any sums due the Village: (iii) all personnel assigned to perform the Services are and shall be, at all times during the term hereof, fully qualified and trained to perform the tasks assigned and (iv) the Goods will be performed in the manner described in Exhibit 2.
- C. The Project for which the Work under the Agreement Documents may be the whole or only a part is generally described as follows:

Article 3 Qualifications

The Contractor and the individual executing this Agreement on behalf of the Contractor warrant to the Village that the Contractor is a corporation duly constituted and authorized to do business in the State of Florida, is in good standing and that Contractor possesses all of the required licenses and certificates of competency required by the State of Florida, and the Village to perform the Work herein described. Contractor acknowledges that due to the nature of this agreement, that the Contractor must take all necessary precautions to avoid accidents and shall comply with all local, state, and federal regulations that apply. The Contractor shall be solely responsible for

the payment of any fines or penalties incurred as a result of its actions.

Article 4 Payment and/or Fees

The Contractor shall submit invoices detailing total cost of the project. Please note that failure to provide a detailed invoice could result in delay of payment and include termination of any agreement.

Invoices, unless otherwise indicated, must show purchase order numbers, and shall be submitted to the Village of Palmetto Bay, Parks and Recreation Office, 9705 E. Hibiscus Street, Palmetto Bay, FL 33157-5606.

Article 5 Reports

For the purposes of the administration of this Agreement, the following shall apply: The Village Manager or his designee is hereby designated as the Contract Administrator for this Agreement. Reports and information as the Village may reasonably require regarding the administration of this Agreement should be addressed to Dionisio Torres, Director of Public Services.

Article 6 Termination

A. Termination/Cancellation of Agreement Without Cause

Either Party may terminate this Agreement without cause upon thirty (30) days prior written notice to the other Party. Termination or cancellation of the agreement will not relieve the Company of any deliverables and work product due prior to the termination of the Contract (this will include but not be limited to reports, statements or accounts, payments due the Village and any other records requested by the Village prior to the termination of the Agreement, or after termination in the Village's discretion if needed for a post contract audit of money due on Contractor's performance). Termination or cancellation of the Contract will not relieve the Company of any obligations or liabilities resulting from any acts committed by the Contractor prior to the termination of the Agreement.

B. Termination Because of Default

Without waiving the right to terminated without cause on thirty (30) days' notice, a Party may issue a written notice to the other claiming that the other Party is in breach of Contract and giving the other Party ten (10) calendar days to cure the default. If the alleged breach of contract is not cured, then the party serving the notice may terminate the Contract and be excused from further performance following termination. However, termination of the Agreement will not relieve the Contractor of any deliverables and work product due prior to

the termination of the Contract (this will include but not be limited to reports, statements or accounts, payments due the Village and any other records requested by the Village prior to the termination of the Contract).

Article 7 Hold Harmless and Indemnification Statement

The Village, the state of Florida and the Department of Transportation shall not be liable for any damages or claims of any type including but not limited to lost profits, special damages, consequential damages, or business interruption on account of the Village's decision to terminate this Contract. Additionally, the Contractor agrees that in the event this Agreement is terminated for the Village's breach, the damages that the Contractor may have against the Village shall be limited to actual damages for a period of thirty (30) days given the fact that this Agreement may be terminated by the Village without cause on thirty (30) days' notice.

Article 8 Term

The Term of this Agreement shall commence upon the date of execution hereof and shall remain in effect until the goods and services described in Exhibit 1 have been completed and the Village has satisfactorily accepted the Work performed.

Article 9 Federal and State Tax

The Village is exempt from payment of Florida State Sales and Use Taxes. The Village will sign an exemption certificate submitted by the Contractor. The Contractor shall not be exempted from paying sales tax to its suppliers for materials used to fulfill contractual obligations with the Village, nor is the Contractor authorized to use the Village's Tax Exemption Number in securing such materials.

The Contractor shall be responsible for payment of its own and its share of its employee taxes and Social Security benefits.

Article 10 Indemnification: Recipient agrees to include the following indemnification in all contracts with contractors, subcontractors, consultants, or subconsultants (each referred to as "Entity" for the purposes of the below indemnification who perform work in connection with this Agreement:

To the extent provided by law, [ENTITY] shall indemnify, defend, and hold harmless the Village and the State of Florida, Department of Transportation, including the Department's officers, agents, and employees, against any actions, claims, or damages arising out of, relating to, or resulting from negligent or wrongful act(s) of [ENTITY], or any of its officers, agents, or employees, acting within the scope of their office or employment, in connection with the rights granted to or exercised by [ENTITY] hereunder, to the extent and within the limitations of Section 768.28 Florida Statutes.

The foregoing indemnification shall not constitute a waiver of sovereign immunity beyond the limits set forth in Florida Statutes, Section 768.28. Nor shall the same be construed to constitute agreement by [ENTITY] to indemnify the Village for the negligent acts or omissions of the Village, its officers, agents, or employees, or third parties. Nor shall the same be construed to constitute agreement by [ENTITY] to indemnify the Department for the negligent acts or omissions of the Department, its officers, agents, or employees, or third parties. This indemnification shall survive the termination of this Agreement.”

Article 11 Insurance

Award of this Contract is contingent upon the receipt of the insurance documents, as required, within ten (10) calendar days after Village notification to Contractor. Certificates of Insurance must be submitted to the Procurement Division, Certificates of Insurance that indicate that insurance coverage has been obtained which meets the requirements as outlined below:

- Comprehensive General Liability - \$1,000,000 combined single limit for each occurrence for bodily injury and property damage – designating the Village of Palmetto Bay and Florida Department of Transportation (FDOT) shall be named as “additional insured” with respect to this coverage.
- Workers Compensation – Statutory Limits
- Automobile Liability - \$1,000,000 per occurrence for all claims arising out of bodily injuries or death and property damages
- Errors and omissions or Company liability insurance - \$1,000,000

Article 12 Waiver

The failure of either Party to this Agreement to object to or to take affirmative action with respect to any conduct of the other which is in violation of the terms of this Agreement shall not be construed as a waiver of the violation or breach, or of any future violation, breach or wrongful conduct. No waiver of any other provisions hereof or of any subsequent breach by the Contractor of the same, or any other provision or the enforcement thereof. The Village’s consent to or approval of any act by the Contractor requiring the Village’s consent or approval shall not be deemed to render unnecessary the obtaining of the Village’s consent to or approval of any subsequent consent or approval of Contractor, whether or not similar to the act so consented to or approved.

Article 13 Notices/Authorized Representatives

Any notices required or permitted by this Agreement shall be in writing and shall be deemed to have been properly given if transmitted by hand-delivery, by registered mail with postage prepaid return receipt delivery, by registered or

certified mail with postage prepaid return receipt requested, or by Federal Express addressed to the parties at the following address:

Village:

Company:

Nicholas Marano
Village Manager
Village of Palmetto Bay
9705 E. Hibiscus Street
Palmetto Bay, FL 33157-5606

Either Party shall have the right to change its address for notice purposes by sending written notice of such change of address to the other Party in accordance with the provisions herein.

Article 14 Assignment

The Contractor shall not assign, transfer, convey, sublet or otherwise dispose of this Agreement, including any or all of its right, title or interest therein, or his or its power to execute such Contract to any person, company or corporation without prior written consent of the Village.

The Contractor shall not assign, transfer or pledge any interest in this contract without the prior written consent of the Village; provided, however, that claims for money by the Contractor from the Village under this Agreement may be assigned, transferred or pledged to a bank, trust company, or other financial institution without the Village's approval. Written notice of any assignment, transfer or pledge of funds shall be furnished within ten (10) days by the Contractor to the Village. None of the Work or services under this Agreement shall be sub-contracted unless the Primary Contractor obtains prior written consent from the Village. Approved sub-contractors shall be subject to each provision of this Agreement and the Primary Contractor shall be responsible and indemnify the Village for all sub-contractors' acts, errors or omissions.

Article 15 Prohibition Against Contingent Fees

Contractor warrants that it has no employees or retained any Company or person, other than a bonafide employee working solely for the Contractor, to solicit or secure this Agreement, and that it has not paid or agreed to pay any person(s), corporation, individual or Company, other than a bonafide employee working solely for Company, any fee, commission, percentage, gift, or any other consideration, contingent upon or resulting from the award or making of this Agreement.

Article 16 Attorneys Fees

Should any dispute arise hereunder, the Village shall be entitled to recover against the Company all costs, expenses and attorney's fees incurred by the Village in such dispute, whether or not suit be brought, and such right shall include all of such costs, expenses and attorney's fees through all appeals or other actions. Neither Party shall be entitled to prejudgment interest.

Article 17 Conflict of Interest

Company agrees to adhere to and be governed by the Village's Conflict of Interest Ordinance 2-121, et seq, which is incorporated by reference herein as if fully set forth herein, in connection with the Agreement conditions hereunder.

Article 18 Binding Effect

All the terms and provisions of this Agreement shall be binding upon and inure to the benefit of the Parties hereto, their respective assigns, successors, legal representatives, heirs, and beneficiaries, as applicable.

Article 19 Entire Agreement

No statements, representations, warranties, either written or oral, from whatever source arising, except as expressly stated in this Agreement, shall have any legal validity between the parties or be binding upon any of them. The Parties acknowledge that this Agreement contains the entire understanding and agreement of the parties. The Parties additionally acknowledge that the Invitation to Bid (ITB) is herewith an attachment to this Agreement. No modifications hereof shall be effective unless made in writing and executed by the parties hereto with the same formalities as this Agreement is executed.

Article 20 Captions and Paragraph Headings

Captions and paragraph heading contained in this Agreement are for convenience and reference only and in no way define, describe, extend, or limit the scope and intent of this Agreement, nor the intent of any provisions hereof.

Article 21 Joint Preparation

The preparation of this Agreement has been a joint effort of the parties, and the resulting document shall not, solely as a matter of judicial construction, be construed more severely against one of the parties than the other. It is the parties' further intention that this Agreement be construed liberally to achieve its intent.

Article 22 Counterparts

This Agreement may be executed in one or more counterparts, each of which shall be deemed an original, but all of which shall constitute one and the same Agreement.

Article 23 Exhibits are Inclusionary

All Exhibits attached hereto or mentioned herein which contain additional terms shall be deemed incorporated herein by reference and as attachments to this agreement. Typewritten or handwritten provisions inserted in this form or attached hereto shall control all printed provisions in conflict therewith.

Article 24 Jurisdiction and Venue

For the purposes of this Agreement, Florida law shall govern the terms of this Contract. Venue shall be in Miami-Dade County, Florida.

Article 25 Sovereign Immunity and Attorney's Fees

The Village does not waive sovereign immunity under 768.28, Florida Statutes, for any claim or breach of Contract or for an award of prejudgment interest; provided, however, that in any action arising out of or to enforce this Contract, the prevailing party shall be entitled to its reasonable attorney's fees and costs in any state or federal administrative, circuit court and appellate court proceedings. In the event of any litigation arising out of this agreement or project agreement, each Party hereby knowingly, irrevocably, voluntarily, and intentionally waives its right to trial by jury.

Article 26 Permits, Licenses and Filing Fees

The Contractor shall procure all permits and licenses, pay all charges and fees, and file all notices as they pertain to the completion of the Contractor's Work when applicable.

Article 27 Safety Provisions

The Contractor shall conform to the rules and regulations pertaining to safety established by OSHA and the California Division of Industrial Safety.

Article 28 Public and Employee Safety

Whenever the Contractor operations create a condition hazardous to the public or Village employees, it shall, at its expense and without cost to the Village,

furnish, erect and maintain such fences, temporary railings, barricades, lights, signs and other devices and take such other protective measures as are necessary to prevent accidents or damage or injury to the public and employees. If applicable, to the scope.

Article 29 Preservation of Village Property

The Contractor shall provide and install suitable safeguards, approved by the Village, to protect Village property from injury or damage. If Village property is injured or damaged resulting from the Contractor's operations, it shall be replaced or restored at the Company's expense. The facilities shall be replaced or restored to a condition as good as when the Contractor began work.

Article 30 Immigration Act of 1986

The Primary Contractor warrants on behalf of itself and all sub-contractors engaged for the performance of this Work that only persons authorized to work in the United States pursuant to the Immigration Reform and Control Act of 1986 and other applicable laws shall be employed in the performance of the work hereunder. Contractor must comply with Sec. 274A(e) of the immigration and Nationality Act.

Article 31 Company Non-Discrimination

In the award of subcontracts or in performance of this work, the Contractor agrees that it will not engage in, nor permit such sub-company as it may employ, to engage in discrimination in employment of persons on any basis prohibited by State or Federal law in accordance with FHWA requirements (23 CFR Part 230).

Article 32 Accuracy of Specifications

The specifications for this project are believed by the Village to be accurate and to contain no affirmative misrepresentation or any concealment of fact. The Contractors are cautioned to undertake an independent analysis of any test results in the specifications, as Village does not guaranty the accuracy of its interpretation of test results contained in the specifications package. In preparing its proposal, the Company and all sub-contractors named in its proposal shall bear sole responsibility for proposal preparation errors resulting from any misstatements or omissions in the specifications that could easily have been ascertained by examining either the project site or accurate test data in the Village's possession. Although the effect of ambiguities or defects in the specifications will be as determined by law, any patent ambiguity or defect shall cause any such ambiguity or defect to be construed against the Contractor. An ambiguity or defect shall be considered patent if it is of such a nature that the Contractor, assuming reasonable skill, ability, and diligence on its part, knew or should have known of the existence of the ambiguity or defect. Furthermore, failure of the Primary Contractor or

sub-contractors to notify Village in writing of specification defects or ambiguities prior to proposal submittal shall waive any right to assert said defects or ambiguities subsequent to submittal of the bid.

In the event that, after awarding the contract, any dispute arises as a result of any actual or alleged ambiguity or defect in the specifications, or any other matter whatsoever, the Contractor shall immediately notify the Village in writing, and the Contractor and all sub-contractors shall continue to perform, irrespective of whether or not the ambiguity or defect is major, material, minor or trivial, and irrespective of whether or not a change order, time extension, or additional compensation has been granted by the Village. Failure to provide the hereinbefore described written notice within one (1) working day of the Contractor becoming aware of the facts giving rise to the dispute shall constitute a waiver of the right to assert the causative role of the defect or ambiguity in the plans or specifications concerning the dispute.

Article 33 Warranty of Authority

The signatories to this Agreement warrant that they are duly authorized by action of their respective Village commission, board of directors or other Village to execute this Agreement and to bind the parties to the promises, terms, conditions and warranties contained in this contract.

Article 34 Miscellaneous Provision

In the event a court must interpret any word or provision of this agreement, the language in this Agreement shall be construed as to its fair meaning and not strictly for or against any party.

Article 35 Contract Time

- 35.1 The Contract term commences after the Contract has been fully executed and the completion date is after all the scope of the project and the bid forms have been completed and the Village has accepted the work performed.
- 35.2 Liquidated Damages. OWNER and CONTRACTOR recognize that time is of the essence of this Agreement and that OWNER will suffer financial loss and other damages if the Work is not substantially or finally complete within the time specified in Section 1.2, plus extensions thereof allowed in accordance with Section 12.7 of the ITB. They also recognize the expense and difficulties involved in proving, in a legal or arbitration proceeding the actual loss suffered by OWNER if the Work is not substantially or finally complete on time. CONTRACTOR acknowledges and agrees that the actual delay damages which OWNER will suffer in the event of delay in achieving Substantial Completion or

Final Completion of the Work are difficult, if not impossible, to determine and that the liquidated damages described herein are a fair and reasonable estimate of the delay damages which the OWNER is expected to suffer in the event of such delay. Accordingly, instead of requiring any such proof, OWNER and CONTRACTOR agree, that as liquidated damages for delay (but not as a penalty), CONTRACTOR shall pay OWNER applicable liquidated damages by the amounts specified in Section 1.2 for Substantial Completion until the Work is substantially complete. Liquidated damages shall be deducted from the CONTRACTOR's Applications for Payment. However, if at the time of the CONTRACTOR's Final Application for Payment, CONTRACTOR is owed insufficient amounts to fully cover the deduction for liquidated damages, then CONTRACTOR shall pay any amount due within 10 days of written demand by OWNER.

Article 36 Contract Price

36.1 OWNER shall pay CONTRACTOR for completion of the Work in accordance with the Contract Documents and the Bid Form Cost Sheet provided for payment request purposes in current funds as follows (Contract price is the summation of all the bid sheets):

Contract Price \$ _____

Contract Price (in words) _____

Continued on Next Page

IN WITNESS WHEREOF the undersigned parties have executed this Agreement on the date indicated above.

OWNER

COMPANY

Village of Palmetto Bay

ADDRESS

ADDRESS

9705 E. Hibiscus Street
Palmetto Bay, FL 33157-5606

BY _____

BY _____

Nicholas Marano
Print Name

Print Name

Village Manager
Title

Title

ATTEST

Missel Arocha
Village Clerk

Witness

APPROVED AS TO FORM BY

Print Name

John C. Dellagloria, Esq.
Village Attorney

Exhibit 3

**Federal Provisions to Agreement found in
APPENDIX “C” of ITB**

**Attached and Incorporated as Part of This
Agreement**

16.2 FHWA-1273 REQUIRED CONTRACT PROVISIONS

Located in Appendix “C” on page 245-256– “FDOT Required Forms” as an attachment to this ITB.

16.3 APPENDICES A AND E

Title VI Assurance – DOT 1050.2, Appendices A and E FDOT’s Division 1 Specification information is included in pages 79-81.

END OF SECTION

SECTION 17

17.1 NOTICE TO PROCEED

TO: _____ DATE: _____
Contractor

Contractor Representative

Title

PROJECT DESCRIPTION: Safe Route to School (SRTS) Infrastructure Improvements; Coral Reef, Howard Drive and Perrine Elementary Schools-Priority 3 2022-11-007, in accordance with Contract Documents as prepared by The Village of Palmetto Bay.

You are hereby notified that the above referenced contract is awarded in accordance with the Agreement dated _____, Village of Palmetto Bay.

BY: _____
Nicholas Marano

TITLE: VILLAGE MANAGER

17.2 ACCEPTANCE OF NOTICE

Receipt of the above NOTICE TO PROCEED is hereby acknowledged by a representative of the Prime Contractor, this _____ day of _____, 20_____.

BY: _____

TITLE: _____

END OF SECTION

SECTION 18

18.1 ACKNOWLEDGMENT OF CONFORMANCE WITH OSHA STANDARDS

We _____, hereby acknowledge and
Prime Contractor

agree that we, as the Prime Contractor for Village of Palmetto Bay, **Safe Route to School (SRTS) Infrastructure Improvements; Coral Reef, Howard Drive and Perrine Elementary Schools-Priority 3** Project No. **2022-11-007**, as specified, have the sole responsibility for compliance with all the requirements of the Federal Occupational Safety and Health Act of 1970, and all State and local safety and health regulations, and agree to indemnify and hold harmless the Village of Palmetto Bay, against any and all liability, claims, damages losses and expenses they may incur due to the failure of:

(Subcontractor Name(s))

to comply with such act or regulation.

CONTRACTOR

ATTEST

BY: _____

SIGNATURE

END OF SECTION

SECTION 19

PROCESSING OF APPLICATION FOR PAYMENT

Cut-off date is the close of the work day of the final Friday of each month. CONTRACTOR shall submit by the first Friday of each month CONTRACTOR's completed Application for Payment for the previous period. VILLAGE must be notified of all scheduled and completed work in sufficient time to verify completeness of such work. Should the submittal date fall on a holiday, CONTRACTOR shall submit his application on the next workday.

CONTRACTOR is advised that processing of draws must follow this schedule, as the VILLAGE has funding requirements and other payment obligations which may prevent payment of late Application for Payment for that month's billing cycle. Late application for Payment with a Recommendation for Payment will be paid in the next month's billing cycle.

END OF SECTION

ATTACHMENTS

CONTRACT PLANS FOR CORAL REEF, HOWARD DRIVE AND PERRINE
ELEMENTARY SCHOOLS (Plan is inserted before Appendix “A” plan pages 189-216)

APPENDIX “A” – SCHEDULE OF VALUES (BID FORM).....217-222

APPENDIX “B” - CURRENT WAGE TABLE.....223-230

APPENDIX “C” – FDOT REQUIRED FORMS.....231-256

The attachments listed in the table of contents are by this reference hereby incorporated into and made a part of this ITB as though fully set forth herein.

VILLAGE OF PALMETTO BAY SAFE ROUTES TO SCHOOL IMPROVEMENTS CORAL REEF ELEMENTARY



DECEMBER 2019



PROJECT LOCATION

UTILITY PROVIDERS

WATER AND SEWER:
Miami-Dade Water & Sewer Department
3575 South LeJeune Road
Miami, FL 33146
Phone: (786) 268-5273
Contact: Lazaro Guerra, P.E.

POWER:
Florida Power and Light Company
4125 Up-The-Grave Lane
West Palm Beach, FL 33407
Phone: (386) 586-6403
Contact: Joel Gray

TELEPHONE:
AT&T
1120 S. Rogers Circle
Boca Raton, FL 33487
Phone: (561) 997-0240
Contact: Dino Ferraguto

GAS:
Florida City Gas
4045 NW 97th Ave
Doral, FL 33178
Phone: (305) 835-3612 x63612
Contact: Harry Roche

FIBER OPTICS:
Crown Castle Fiber
8250 W. Flagler Street
Miami, FL 33174
Phone: (786) 310-7074
Contact: Danny Hoskett

STORM DRAINAGE:
Dade County Public Works and Traffic
13284 SW 120th Street
Miami, FL 33188
Phone: (305) 412-0891
Contact: Octavio Vidal

CABLE TELEVISION:
Comcast Cable
2800 SW 148th Ave
Miramar, FL 33027
Phone: (954) 447-8405
Contact: Leonard Maxwell-Newbold

INTECH:
Miami-Dade Enterprises Technology Services Department
10300 SW 72nd Street
Miami, FL 33173
Phone: (786) 256-1554
Contact: Peter Colla

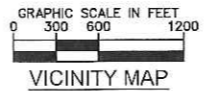
DESIGN TEAM

CIVIL ENGINEER:
Kinley-Horn and Associates, Inc.
600 N. Pine Island Road
Suite 450
Ft. Lauderdale, FL 33324
Phone: (954)535-8100
Contact: Stefano F. Viola, P.E.

OWNER:
Village of Palmetto Bay
9705 East Hibiscus Street
Palmetto Bay, FL 33157
Phone: (305)259-1234
Fax: (305)259-1290
Contact: Dionisio Torres



Sheet List Table	
Sheet Number	Sheet Title
C000	Cover Sheet
C100	General Notes
C101	Stormwater Pollution Prevention Plan
C200	Key Sheet
C301	Engineering Plan
C302	Engineering Plan
C303	Engineering Plan
C400	Engineering Details
C401	Engineering Details



COMMUNITY OFFICIALS

- | | |
|--------------------------|------------------|
| Mayor | Karyn Cunningham |
| Vice-Mayor | John DuBois |
| Council Member | Patrick Fiore |
| Council Member | David Singer |
| Council Member | Marsha Matson |
| Manager | Edward Silva |
| Attorney | Dexter Lehtinen |
| Clerk | Missy Arocha |
| Director of Public Works | Dionisio Torres |

APPROVED
JAN 13 2020
TRAFFIC ENGINEERING DIVISION
MIAMI-DADE COUNTY
TRANSPORTATION & PUBLIC WORKS

For signing and markings only



CONSTRUCTION PLANS

ATTENTION IS DIRECTED TO THE FACT THAT THESE PLANS MAY HAVE BEEN REDUCED IN SIZE BY REPRODUCTION. THIS MUST BE CONSIDERED WHEN OBTAINING SCALED DATA.

Plotted By: MORIOS, Morissa Street, Village of Palmetto Bay, Safe Routes to School Improvements - Layout: C000 - Cover Sheet - December 03, 2019 04:28:26pm
 K:\Vill\civ\1044 Jobs\1044648022-rs_1617-008 arts Improvements\CAD\Drawings\Coral Reef Elementary\C000 Cover Page.dwg
 This document, together with the concepts and designs presented herein, is intended only for the specific purpose and client for which it was prepared. Review it and register reliance on this document without contradiction and obligation by the signatory and Associates, Inc. shall be without liability to the signatory and Associates, Inc.

GENERAL CONSTRUCTION NOTES

- ALL WORK FOR THIS PROJECT SHALL BE COMPLETED WITHIN AND FROM EXISTING RIGHT-OF-WAY.
- COUNTY IN THESE NOTES REFERS TO MIAMI-DADE COUNTY, CITY OR VILLAGE IN THESE NOTES REFERS TO THE VILLAGE OF PALMETTO BAY, AND STATE IN THESE NOTES REFERS TO THE STATE OF FLORIDA.
- THE FDOT INDICES REFERRED TO IN THESE DRAWINGS AND NOTES REFERS TO FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND FDOT STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION.
- ALL WORK AND MATERIALS SHALL CONFORM TO THE LATEST STANDARDS, CODES, REGULATIONS AND SPECIFICATIONS OF THE CITY, COUNTY, STATE, AND FEDERAL CODES WHERE APPLICABLE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING ALL MATERIAL AND LABOR TO CONSTRUCT THE FACILITY AS SHOWN AND DESCRIBED IN THE CONSTRUCTION DOCUMENTS IN ACCORDANCE WITH THE APPROPRIATE APPROVING AUTHORITIES, SPECIFICATIONS AND REQUIREMENTS. CONTRACTOR SHALL CLEAR AND GRUB ALL AREAS UNLESS OTHERWISE INDICATED, REMOVING STUMPS, ROOTS, MUCK, EXISTING PAVEMENT AND ALL OTHER DELETERIOUS MATERIAL.
- THE INFORMATION PROVIDED IN THESE PLANS IS TO ASSIST THE CONTRACTOR IN ASSESSING THE NATURE AND EXTENT OF THE CONDITIONS WHICH MAY BE ENCOUNTERED DURING THE COURSE OF THE WORK. ALL CONTRACTORS ARE DIRECTED, PRIOR TO BIDDING, TO CONDUCT ANY INVESTIGATION THEY DEEM NECESSARY TO ARRIVE AT THEIR OWN CONCLUSIONS REGARDING THE ACTUAL CONDITION THAT WILL BE ENCOUNTERED AND UPON WHICH THEIR BIDS WILL BE BASED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INVESTIGATE BOTH THE SURFACE AND SUBSURFACE CONDITIONS AND BASE HIS PRICING ACCORDINGLY.
- EXISTING UTILITIES SHOWN ARE LOCATED ACCORDING TO THE INFORMATION AVAILABLE TO THE ENGINEER AT THE TIME OF THE TOPOGRAPHIC SURVEY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR THE ENGINEER. GUARANTEE IS NOT MADE THAT ALL EXISTING UNDERGROUND UTILITIES ARE SHOWN OR THAT THE LOCATION OF THOSE SHOWN ARE ENTIRELY ACCURATE. FINDING THE ACTUAL LOCATION OF ANY EXISTING UTILITIES IS THE CONTRACTOR'S RESPONSIBILITY AND SHALL BE DONE BEFORE COMMENCING ANY WORK IN THE VICINITY. FURTHERMORE, THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES DUE TO THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES. THE OWNER OR ENGINEER WILL ASSUME NO LIABILITY FOR ANY DAMAGES SUSTAINED OR COST INCURRED BECAUSE OF THE OPERATIONS IN THE VICINITY OF EXISTING UTILITIES OR STRUCTURES, NOR FOR TEMPORARY BRACING AND SHORING OF SAME. IF IT IS NECESSARY TO SHORE, BRACE, SWING OR RELOCATE A UTILITY, THE UTILITY COMPANY OR DEPARTMENT AFFECTED SHALL BE CONTACTED AND THEIR PERMISSION OBTAINED REGARDING THE METHOD TO USE FOR SUCH WORK.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE VARIOUS UTILITY COMPANIES WHICH MAY HAVE BURIED OR AERIAL UTILITIES WITHIN OR NEAR THE CONSTRUCTION AREA BEFORE COMMENCING WORK. THE CONTRACTOR SHALL PROVIDE 48 HOURS MINIMUM NOTICE TO ALL UTILITY COMPANIES PRIOR TO BEGINNING CONSTRUCTION.
- THE CONTRACTOR AND ENGINEER SHALL BE RESPONSIBLE FOR OBTAINING ALL REQUIRED CONSTRUCTION PERMITS AND BONDS IF REQUIRED PRIOR TO CONSTRUCTION. ADDITIONAL PERMITS MAY BE REQUIRED FOR MOVEMENT OF WATER METERS PER VILLAGE.
- THE CONTRACTOR SHALL HAVE AVAILABLE AT THE JOB SITE AT ALL TIMES ONE COPY OF THE CONSTRUCTION DOCUMENTS INCLUDING PLANS, SPECIAL CONDITIONS AND COPIES OF ANY REQUIRED CONSTRUCTION PERMITS.
- ANY DISCREPANCIES ON THE DRAWINGS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE OWNER AND ENGINEER BEFORE COMMENCING WORK. NO FIELD CHANGES OR DEVIATIONS FROM DESIGN ARE TO BE MADE WITHOUT PRIOR APPROVAL OF THE OWNER AND NOTIFICATION TO THE ENGINEER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING TO THE ENGINEER A CERTIFIED RECORD SURVEY SIGNED AND SEALED BY A PROFESSIONAL LAND SURVEYOR REGISTERED IN THE STATE OF FLORIDA DEPICTING THE ACTUAL FIELD LOCATION OF ALL CONSTRUCTED IMPROVEMENTS THAT ARE REQUIRED BY THE JURISDICTIONAL AGENCIES FOR THE CERTIFICATION PROCESS. ALL SURVEY COSTS WILL BE THE CONTRACTOR'S RESPONSIBILITY.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR DOCUMENTING AND MAINTAINING AS-BUILT INFORMATION WHICH SHALL BE RECORDED AS CONSTRUCTION PROGRESSES OR AT THE COMPLETION OF APPROPRIATE CONSTRUCTION INTERVALS AND SHALL BE RESPONSIBLE FOR PROVIDING AS-BUILT DRAWINGS TO THE OWNER FOR THE PURPOSE OF CERTIFICATION TO JURISDICTIONAL AGENCIES AS REQUIRED. ALL AS-BUILT DATA SHALL BE COLLECTED BY A STATE OF FLORIDA PROFESSIONAL LAND SURVEYOR WHOSE SERVICES ARE ENGAGED BY THE CONTRACTOR.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE THE MAINTENANCE OF TRAFFIC FOR THE ADJACENT PROPERTIES DURING CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS DO NOT CONFLICT WITH ANY KNOWN EXISTING OR OTHER PROPOSED IMPROVEMENTS. IF ANY CONFLICTS ARE DISCOVERED, THE CONTRACTOR SHALL NOTIFY THE OWNER PRIOR TO INSTALLATION OF ANY PORTION OF THE SITE WORK THAT WOULD BE AFFECTED. FAILURE TO NOTIFY OWNER OF AN IDENTIFIABLE CONFLICT PRIOR TO PROCEEDING WITH INSTALLATION RELIEVES OWNER OF ANY OBLIGATION TO PAY FOR A RELATED CHANGE ORDER.
- PRIOR TO GRAND OPENING THE CONTRACTOR SHALL:
 - ELIMINATE ALL DEBRIS IN THE LANDSCAPING AREAS
 - PRESSURE CLEAN THE SIDEWALKS

- THE FOLLOWING FEDERAL AND STATE LISTED ANIMAL SPECIES COULD INHABIT OR MIGRATE THROUGH THE CONSTRUCTION AREA: FLORIDA BONNETED BAT (ENDANGERED), SCHAUS SWALLOWTAIL BUTTERFLY (ENDANGERED), PIPING PLOVER (THREATENED), AMERICAN CROCODILE (THREATENED), WEST INDIAN MANATEE (THREATENED).
- NO STAGING OR OTHER ACTIVITIES FOR THIS PROJECT WILL BE ALLOWED WITHIN OR ADJACENT TO THE CHARLES DEERING ESTATE, LOCATED ALONG SW 152ND STREET FROM SW 72ND AVENUE TO SW 168TH AVENUE.
- NO STAGING OR OTHER ACTIVITIES FOR THIS PROJECT WILL BE ALLOWED WITHIN OR ADJACENT TO THE BANKS OF THE CUTLER DRAIN CANAL, LOCATED JUST SOUTH OF THE SW 82ND AVENUE PROJECT LIMITS, OR MIAMI-DADE COUNTY PARK AREA 259, LOCATED AT ON THE WEST SIDE OF SW 82ND AVENUE BETWEEN THE CUTLER DRAIN CANAL AND SW 139TH TERRACE.
- PROVIDE PROTECTION AROUND EXISTING TREES CONSISTENT WITH FDOT STANDARD PLANS INDEX 110-100.
- ROOT/TREE TRIMMING NOT ANTICIPATED FOR THIS PROJECT. SHOULD ROOT/TREE TRIMMING BE REQUIRED, CONTRACTOR TO NOTIFY THE VILLAGE IMMEDIATELY. CONTRACTOR TO TRIM ROOTS AND CANOPY OF TREES AT DIRECTION OF ISA CERTIFIED ARBORIST CONSISTENT WITH FDOT SPEC 110. CANOPY TRIMMING SHALL ENSURE VERTICAL CLEARANCE ABOVE WALKWAY TO BE ADA COMPLIANT.
- CONTRACTOR SHALL BE RESPONSIBLE FOR DOCUMENTING/RECORDING EXISTING SITE CONDITIONS USING PHOTOGRAPHS/VIDEO RECORDINGS PRIOR TO START OF CONSTRUCTION. CONTRACTOR TO PROVIDE COPY OF RECORDS TO VILLAGE AND ENGINEER OF RECORD FOR RECORD PURPOSES.

PAVING, GRADING AND DRAINAGE NOTES

- ALL PAVING, CONSTRUCTION, MATERIALS, AND WORKMANSHIP WITHIN JURISDICTION'S RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH LOCAL OR COUNTY SPECIFICATIONS AND STANDARDS (LATEST EDITION) OR FDOT SPECIFICATIONS AND STANDARDS (LATEST EDITION) IF NOT COVERED BY LOCAL OR COUNTY REGULATIONS.
- ALL UNPAVED AREAS DISTURBED BY CONSTRUCTION SHALL BE REGRADED AND REPAIRED WITH APPROPRIATE LANDSCAPING TO MATCH THAT OF SURROUNDING AREAS.
- BACKFILL MATERIAL FOR DISTURBED AREAS NOT TO BE COVERED BY PROP. SIDEWALK SHALL BE COMPACTED TO 95% OF THE MAXIMUM DENSITY AS DETERMINED BY ASSHTO T-180. DENSITY TESTING TO BE PERFORMED AT 100' INTERVALS.
- A 2" BLANKET OF TOP SOIL SHALL BE PLACED OVER ALL AREAS TO BE SODDED.
- SOD TYPE TO BE ST. AUGUSTINE. THE SOD SHALL BE PLACED ON THE GRADED TOP SOIL AND WATERED TO INSURE SATISFACTORY CONDITIONS UPON FINAL ACCEPTANCE OF THE PROJECT.
- TRAFFIC CONTROL ON ALL FDOT, LOCAL AND COUNTY RIGHTS-OF-WAY SHALL MEET THE REQUIREMENTS OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (U.S. DOT/FHA) AND THE REQUIREMENTS OF THE STATE AND ANY LOCAL AGENCY HAVING JURISDICTION. IN THE EVENT THAT THE CONTRACT DOCUMENTS AND THE JURISDICTIONAL AGENCY REQUIREMENTS ARE NOT IN AGREEMENT, THE MOST STRINGENT SHALL GOVERN.
- THE CONTRACTOR SHALL INSTALL FILTER FABRIC OVER ALL DRAINAGE STRUCTURES CLOSEST OR WITHIN SIDEWALK IMPROVEMENT AREA FOR THE DURATION OF CONSTRUCTION AND UNTIL ACCEPTANCE OF THE PROJECT BY THE OWNER. ALL DRAINAGE STRUCTURES SHALL BE CLEANED OF DEBRIS AS REQUIRED DURING AND AT THE END OF CONSTRUCTION TO PROVIDE POSITIVE DRAINAGE FLOWS.
- STRIP TOPSOIL AND ORGANIC MATTER FROM ALL AREAS OF THE SITE AS REQUIRED. IN SOME CASES TOPSOIL MAY BE STOCKPILED ON SITE FOR PLACEMENT WITHIN LANDSCAPED AREAS BUT ONLY AS DIRECTED BY THE OWNER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTROL OF DUST AND DIRT RISING AND SCATTERING IN THE AIR DURING CONSTRUCTION AND SHALL PROVIDE WATER SPRINKLING OR OTHER SUITABLE METHODS OF CONTROL. THE CONTRACTOR SHALL COMPLY WITH ALL GOVERNING REGULATIONS PERTAINING TO ENVIRONMENTAL PROTECTION.
- THE CONTRACTOR SHALL TAKE ALL REQUIRED MEASURES TO CONTROL TURBIDITY, INCLUDING BUT NOT LIMITED TO THE INSTALLATION OF TURBIDITY BARRIERS AT ALL LOCATIONS WHERE THE POSSIBILITY OF TRANSFERRING SUSPENDED SOLIDS INTO THE RECEIVING WATER BODY EXISTS DUE TO THE PROPOSED WORK. TURBIDITY BARRIERS MUST BE MAINTAINED IN EFFECTIVE CONDITION AT ALL LOCATIONS UNTIL CONSTRUCTION IS COMPLETED AND DISTURBED SOIL AREAS ARE STABILIZED. THEREAFTER, THE CONTRACTOR MUST REMOVE THE BARRIERS. AT NO TIME SHALL THERE BE ANY OFF-SITE DISCHARGE WHICH VIOLATES THE WATER QUALITY STANDARDS IN CHAPTER 17-302, FLORIDA ADMINISTRATIVE CODE.
- ST. AUGUSTINE SOD, WHERE CALLED FOR, MUST BE INSTALLED AND MAINTAINED ON EXPOSED SLOPES WITHIN 48 HOURS OF COMPLETING FINAL GRADING, AND AT ANY OTHER TIME AS NECESSARY, TO PREVENT EROSION, SEDIMENTATION OR TURBID DISCHARGES.

DEMOLITION NOTES

- ALL MATERIAL REMOVED FROM THIS SITE BY THE CONTRACTOR SHALL BE DISPOSED OF BY THE CONTRACTOR IN A LEGAL MANNER.
- CONTRACTOR SHALL ADJUST GRADE OF ANY EXISTING UTILITIES OR DRAINAGE STRUCTURES TO REMAIN AS APPLICABLE.

- CONTRACTOR TO REMOVE ALL EXISTING CURBING, ASPHALT PAVEMENT, LIMEROCK, SUB-GRADE, SOD, AND LANDSCAPING WITHIN LIMITS OF DEMOLITION IN PREPARATION FOR PROPOSED ASPHALT PAVEMENT, CONCRETE, CURBING, AND/OR PAVERS.
- PAVEMENT REMOVAL TO INCLUDE ASPHALT, BASE, AND SUB-GRADE MATERIAL.
- THE INTENT OF THE DEMOLITION LIMITS IS TO DEPICT EXISTING FEATURES THAT ENCUMBER THE PROPOSED CONSTRUCTION AREA, AND ARE SCHEDULED FOR REMOVAL. SOME INCIDENTAL ITEMS MAY HAVE BEEN INADVERTENTLY OMITTED FROM THE LIMITS. THE CONTRACTOR IS ENCOURAGED TO THOROUGHLY INSPECT THE SITE AS WELL AS REVIEW THE PLANS AND SPECIFICATIONS PRIOR TO SUBMITTING PRICING. CONTRACTOR WILL NOT RECEIVE ADDITIONAL COMPENSATION FOR INCIDENTAL ITEMS NOT SHOWN WITHIN THE DEMOLITION LIMITS.
- THE DEMOLITION LIMITS ARE BASED ON AVAILABLE UTILITY INFORMATION AND MAY OR MAY NOT BE ALL INCLUSIVE FOR THIS SITE. ANY UTILITIES ENCOUNTERED DURING DEMOLITION THAT ARE NOT DEPICTED/ADDRESSED ON THIS DRAWING SHOULD BE BROUGHT TO THE ATTENTION OF THE PROJECT ENGINEER IMMEDIATELY.

EROSION CONTROL NOTES

- IF REQUIRED, ALL CONTRACTORS AND SUBCONTRACTORS INVOLVED WITH THIS PROJECT SHALL OBTAIN A COPY OF THE STATE OF FLORIDA NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM GENERAL PERMIT (NPDES PERMIT) AND BECOME FAMILIAR WITH THEIR CONTENTS.
- THE CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES AS REQUIRED BY THE SWPPP. ADDITIONAL BEST MANAGEMENT PRACTICES SHALL BE IMPLEMENTED AS DICTATED BY CONDITIONS AT NO ADDITIONAL COST TO THE OWNER THROUGHOUT ALL PHASES OF CONSTRUCTION.
- BEST MANAGEMENT PRACTICES (BMP'S) AND CONTROLS SHALL CONFORM TO FEDERAL, STATE, OR LOCAL REQUIREMENTS OR MANUAL OF PRACTICE, AS APPLICABLE. THE CONTRACTOR SHALL IMPLEMENT ADDITIONAL CONTROLS AS DIRECTED BY THE PERMITTING AGENCY OR OWNER.
- THE CONTRACTOR SHALL MINIMIZE CLEARING TO THE MAXIMUM EXTENT PRACTICAL OR AS REQUIRED BY THE GENERAL PERMIT.
- ALL WASH WATER (CONCRETE TRUCKS, VEHICLE CLEANING, EQUIPMENT CLEANING, ETC.) SHALL BE DETAINED AND PROPERLY TREATED OR DISPOSED.
- SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLOTATION BOOMS SHALL BE MAINTAINED ON SITE OR READILY AVAILABLE TO CONTAIN AND CLEAN-UP FUEL OR CHEMICAL SPILLS AND LEAKS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR DUST CONTROL ON SITE. THE USE OF MOTOR OILS AND OTHER PETROLEUM BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION OPERATIONS IS PROHIBITED.
- RUBBISH, TRASH, GARBAGE, LITTER, OR OTHER SUCH MATERIALS SHALL BE DEPOSITED INTO SEALED CONTAINERS. MATERIALS SHALL BE PREVENTED FROM LEAVING THE PREMISES THROUGH THE ACTION OF WIND OR STORM WATER DISCHARGE INTO DRAINAGE DITCHES OR WATERS OF THE STATE.
- STABILIZATION PRACTICES SHOULD BE INITIATED AS SOON AS PRACTICAL, BUT IN NO CASE MORE THAN 7 DAYS WHERE CONSTRUCTION HAS TEMPORARILY CEASED.
- DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS PERMANENTLY STOPPED SHALL BE PERMANENTLY SEEDED. THESE AREAS SHALL BE SEEDED NO LATER THAN 7 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY OCCURRED IN THESE AREAS. REFER TO SECTION 981 OF THE STANDARD SPECIFICATIONS FOR SEEDING AND MAINTENANCE REQUIREMENTS.
- IF THE ACTION OF VEHICLES TRAVELING OVER THE GRAVEL CONSTRUCTION ENTRANCES IS NOT SUFFICIENT TO REMOVE THE MAJORITY OF DIRT OR MUD, THEN THE TIRES MUST BE WASHED BEFORE THE VEHICLES ENTER A PUBLIC ROAD. IF WASHING IS USED, PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF THE SITE.
- ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED AS SOON AS POSSIBLE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING SEDIMENT IN THE DETENTION POND AND ANY SEDIMENT THAT MAY HAVE COLLECTED IN THE STORM SEWER DRAINAGE SYSTEMS IN CONJUNCTION WITH THE STABILIZATION OF THE SITE.
- ON-SITE & OFF SITE SOIL STOCKPILE AND BORROW AREAS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION THROUGH IMPLEMENTATION OF BEST MANAGEMENT PRACTICES. STOCKPILE AND BORROW AREA LOCATIONS SHALL BE NOTED ON THE EROSION CONTROL PLAN AND PERMITTED IN ACCORDANCE WITH GENERAL PERMIT REQUIREMENTS.
- ALL CONSTRUCTION SHALL BE STABILIZED AT THE END OF EACH WORKING DAY.

MAINTENANCE

- ALL MEASURES STATED ON THE PAVING, GRADING AND DRAINAGE SECTION AS WELL AS EROSION CONTROL SECTION, SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL NO LONGER REQUIRED FOR A COMPLETED PHASE OF THE FINAL STABILIZATION OF THE SITE.
- CONTRACTOR TO PROVIDE SIDEWALK MOT DURING CONSTRUCTION TO BE PROVIDED TO THE VILLAGE AND ENGINEER OR RECORD FOR REVIEW AND APPROVAL PRIOR TO PLACEMENT.
 - INLET PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED

- IF THEY SHOW SIGNS OF UNDERMINING, OR DETERIORATION.
- SILT FENCES SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE SILT FENCES WHEN IT REACHES ONE-HALF THE HEIGHT OF THE SILT FENCE.
 - THE CONSTRUCTION ENTRANCES SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE CONSTRUCTION ENTRANCES AS CONDITIONS DEMAND.
 - THE TEMPORARY PARKING AND STORAGE AREA SHALL BE KEPT IN GOOD CONDITION (SUITABLE FOR PARKING AND STORAGE). THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE TEMPORARY PARKING AS CONDITIONS DEMAND.
 - OUTLET STRUCTURES IN THE SEDIMENTATION BASINS SHALL BE MAINTAINED IN OPERATIONAL CONDITIONS AT ALL TIMES. SEDIMENT SHALL BE REMOVED FROM SEDIMENT BASINS OR TRAPS WHEN THE DESIGN CAPACITY HAS BEEN REDUCED BY 55 CUBIC YARDS/ACRE.
 - ALL MAINTENANCE OPERATIONS SHALL BE DONE IN A TIMELY MANNER BUT IN NO CASE LATER THAN 2 CALENDAR DAYS FOLLOWING THE INSPECTION.
 - TRAFFIC CONTROLS SHALL BE IN ACCORDANCE WITH PROJECT PLANS, FOOT ROADWAY AND TRAFFIC DESIGN STANDARD INDEXES (600 SERIES), THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AS MINIMUM CRITERIA.
 - THE ROADWAY MUST REMAIN OPEN TO TRAFFIC AT ALL TIMES.
 - THE CONTRACTOR MUST MAINTAIN ACCESS TO ALL DRIVEWAYS THROUGHOUT THE CONSTRUCTION DURATION.

TYPICAL ENGINEER OBSERVATIONS

- CONTRACTOR SHALL NOTIFY ENGINEER 48 HOURS IN ADVANCE OF THE FOLLOWING ACTIVITIES:
- PRE-CONSTRUCTION MEETING, IF REQUIRED (SCHEDULED BY OWNER)
 - SUBGRADE PREPARATION
 - SIDEWALK INSTALLATION
 - ANY OTHER INSPECTION FOR WHICH A PERMITTING AGENCY REQUIRES THE ENGINEER TO BE PRESENT

RECORD DRAWINGS

- CONTRACTOR SHALL PROVIDE TO THE ENGINEER AND OWNER A MINIMUM OF 4 HARD COPIES OF A PAVING, GRADING AND DRAINAGE RECORD DRAWING AND A SEPARATE UTILITY RECORD DRAWING, AS WELL AS BOTH IN AUTOCAD 2007 OR LATER, BOTH PREPARED BY A FLORIDA REGISTERED SURVEYOR. THE RECORD DRAWINGS SHALL VERIFY ALL DESIGN INFORMATION INCLUDED ON THE DESIGN PLANS OF THE SAME NAME.

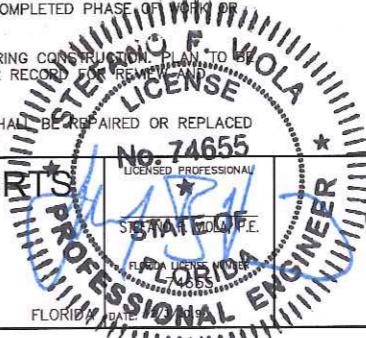
Kimley-Horn and Associates, Inc. No. 74655
 KHA PROJECT 044649022
 DATE DEC. 2018
 SCALE AS SHOWN
 DESIGNED BY MM
 DRAWN BY TS
 CHECKED BY SV
 VILLAGE OF PALMETTO BAY

No.	REVISIONS	DATE	BY

Kimley»Horn
 © 2018 KIMLEY-HORN AND ASSOCIATES, INC.
 600 NORTH PINE ISLAND ROAD, SUITE 450, PLANTATION, FL 33324
 PHONE: 954-535-5100 FAX: 954-739-2247
 WWW.KIMLEY-HORN.COM CA 00000696

KHA PROJECT
 044649022
 DATE
 DEC. 2018
 SCALE AS SHOWN
 DESIGNED BY MM
 DRAWN BY TS
 CHECKED BY SV
 VILLAGE OF PALMETTO BAY

VILLAGE OF PALMETTO BAY SR'S IMPROVEMENTS
 PREPARED FOR
VILLAGE OF PALMETTO BAY



CORAL REEF ELEMENTARY GENERAL NOTES

SHEET NUMBER
C100



Kimley-Horn & Associates, Inc. 1617-008 arts improvements-CAD/plan sheets-Coral Reef Elementary School Stormwater Pollution Prevention Plan - December 03, 2018 04:26:47pm K:\11_011\044_1617-008 arts improvements-CAD/plan sheets-Coral Reef Elementary School Stormwater Pollution Prevention Plan - December 03, 2018 04:26:47pm
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BEST MANAGEMENT PRACTICES (BMPs):

THIS PLAN HAS BEEN PREPARED TO ENSURE COMPLIANCE WITH APPROPRIATE CONDITIONS OF THE MIAMI-DADE COUNTY LAND DEVELOPMENT REGULATIONS, THE RULES OF THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP), CHAPTER 17-25, F.A.C., THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT (SFWMD), CHAPTER 400-4, F.A.C. AND THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY (EPA) DOCUMENT NO. EPA 832/R-92-005 (SEPTEMBER 1992). THE PLAN ADDRESSES THE FOLLOWING:

1. PREVENT LOSS OF SOIL DURING CONSTRUCTION BY STORMWATER RUNOFF AND/OR WIND EROSION, INCLUDING PROTECTING TOPSOIL BY STOCKPILING FOR REUSE.
2. SEDIMENTATION PROTECTION OF STORM SEWER OR RECEIVING STREAM.
3. PREVENT POLLUTING THE AIR WITH DUST AND PARTICULATE MATTER. THE VARIOUS TECHNIQUES OR ACTIONS IDENTIFIED UNDER EACH SECTION INDICATE THE APPROPRIATE SITUATION WHEN THE TECHNIQUES SHOULD BE EMPLOYED. ALSO IDENTIFIED IS A CROSS-REFERENCE TO A DIAGRAM OR FIGURE REPRESENTING THE TECHNIQUE. IT SHOULD BE NOTED THAT THE MEASURES IDENTIFIED ON THIS PLAN ARE ONLY SUGGESTED BMP(S). THE CONTRACTOR SHALL PROVIDE POLLUTION PREVENTION AND EROSION CONTROL MEASURES AS SPECIFIED IN ACCORDANCE WITH THE CURRENT FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) REQUIREMENTS. CONTRACTOR SHALL PREPARE REQUIRED NPDES DOCUMENTATION AND OBTAIN PERMIT PRIOR TO COMMENCEMENT OF CONSTRUCTION. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO PREPARE THE REQUIRED NPDES DOCUMENT AND OBTAIN THE NPDES PERMIT. ALL COST ASSOCIATED WITH SUCH WORK SHALL BE DEEMED INCIDENTAL TO THE PROJECT LUMP SUM COST.

PROJECT DESCRIPTION:

1. PROJECT LOCATION: CORAL REEF ELEMENTARY SCHOOL, 7955 SW 152ND STREET, PALMETTO BAY, FLORIDA 33157
2. PROJECT LIMITS: THE TOTAL DISTURBED AREA IS APPROXIMATELY 0.52 ACRES.
3. SITE MAP: THE CONSTRUCTION PLANS SHALL BE USED AS THE SITE MAP.
4. LOCATION OF TEMPORARY CONTROLS: SHOWN ON CONSTRUCTION PLANS.
5. CONSTRUCTION ACTIVITY: CONSTRUCTION OF PROPOSED SIDEWALKS, CURBING, AND CONCRETE FLUMES. INSTALLATION OF PAVEMENT MARKINGS, AND SIGNAGE.
6. MAJOR SOIL DISTURBING ACTIVITIES: CLEARING AND GRUBBING, INSTALLATION OF SIDEWALK AND CURBING, INSTALLATION OF CONCRETE FLUMES.
7. DEWATERING ACTIVITIES: DEWATERING IS NOT ANTICIPATED FOR THE PROPOSED CONSTRUCTION.
8. SOIL CHARACTERISTICS: THE SOIL TYPE WITHIN THE PROJECT'S LIMIT OF DISTURBANCE IS CLASSIFIED AS URBAN SOIL AND IS NOT HIGHLY ERODIBLE.
9. RUNOFF COEFFICIENTS:

EXISTING:	0.80
DURING CONSTRUCTION:	0.80
PROPOSED:	0.90

SEQUENCE OF CONSTRUCTION:

SEQUENCE OF SOIL DISTURBING ACTIVITIES AND IMPLEMENTATION OF CONTROLS:

1. PRIOR TO COMMENCEMENT OF ANY EARTH DISTURBING ACTIVITIES, INCLUDING CLEARING AND GRUBBING, INSTALL EROSION CONTROL MEASURES IN ACCORDANCE WITH THE ENGINEERING PLAN, STANDARD DETAILS, AND NPDES REQUIREMENTS.
2. BEGIN CLEARING AND GRUBBING.
3. PREPARE SUBBASE MATERIAL.
4. CONSTRUCT SIDEWALK, CURBING, AND CONCRETE FLUMES.
5. INSTALL PAVEMENT MARKING AND SIGNAGE.
6. AFTER COMPLETION OF SITE WORK, BEGIN SITE STABILIZATION AND PERMANENT SEEDING.

ONCE SITE STABILIZATION IS COMPLETE, CONTRACTOR TO CLEAN ALL CONSTRUCTION DEBRIS FROM CONSTRUCTION SITE.

GENERAL EROSION CONTROL NOTES:

1. THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) IS COMPRISED OF THESE EROSION CONTROL NOTES, ENGINEERING DRAWINGS, THE STANDARD DETAILS, THE NPDES PERMIT (TO BE OBTAINED BY CONTRACTOR) AND ALL SUBSEQUENT REPORTS AND RELATED DOCUMENTS.
2. ALL CONTRACTORS AND SUBCONTRACTORS INVOLVED WITH STORM WATER POLLUTION PREVENTION SHALL OBTAIN A COPY OF THIS DRAWING AND THE STATE OF FLORIDA NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM GENERIC PERMIT (NPDES PERMIT) AND BECOME FAMILIAR WITH THEIR CONTENTS.
3. CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES (BMP) IN ALL CONSTRUCTION ACTIVITIES INCLUDING BUT NOT LIMITED TO THE FOLLOWING:
 - A. FUEL SPILLS AND LEAKS PREVENTION
 - B. PREVENT/REDUCE VEHICLE AND EQUIPMENT WASHING AND STEAM CLEANING
 - C. VEHICLE AND EQUIPMENT MAINTENANCE AND REPAIR
 - D. PROPER OUTDOOR LOADING/UNLOADING OF MATERIALS
 - E. PREVENT/REDUCE OUTDOOR STORAGE OF RAW MATERIALS, PRODUCTS, AND BY-PRODUCTS
 - F. SOLID WASTE MANAGEMENT
 - G. HAZARDOUS WASTE MANAGEMENT
 - H. CONCRETE WASTE MANAGEMENT
 - I. SANDBLASTING WASTE MANAGEMENT
 - J. STRUCTURE CONSTRUCTION AND PAINTING
 - K. SPILL PREVENTION AND CONTROL
 - L. CONTAMINATED SOIL MANAGEMENT
 - M. SANITARY/SEPTIC WASTE MANAGEMENT
 - N. SOIL EROSION CONTROL
 - O. STORM WATER TURBIDITY MANAGEMENT

ADDITIONAL BEST MANAGEMENT PRACTICES SHALL BE IMPLEMENTED AS DICTATED BY CONDITIONS AT NO ADDITIONAL COST TO THE OWNER THROUGHOUT ALL PHASES OF CONSTRUCTION.

4. BEST MANAGEMENT PRACTICES (BMPs) AND CONTROLS SHALL CONFORM TO FEDERAL, STATE, OR LOCAL REQUIREMENTS OR MANUAL OF PRACTICE, AS APPLICABLE. CONTRACTOR SHALL IMPLEMENT ADDITIONAL CONTROLS AS DIRECTED BY PERMITTING AGENCY OR OWNER.
5. SITE MAP MUST CLEARLY DELINEATE ALL STATE WATERS. CONTRACTOR MUST MAINTAIN ALL PERMITS FOR ANY CONSTRUCTION ACTIVITY IMPACTING STATE WATERS OR REGULATED WETLANDS ON SITE AT ALL TIMES.
6. CONTRACTOR SHALL MINIMIZE CLEARING TO THE MAXIMUM EXTENT PRACTICAL OR AS REQUIRED BY THE GENERAL PERMIT.
7. CONTRACTOR SHALL BEGIN CLEARING AND GRUBBING THOSE PORTIONS OF THE SITE NECESSARY TO IMPLEMENT PERIMETER CONTROL MEASURES. CLEARING AND GRUBBING FOR THE REMAINING PORTIONS OF THE PROPOSED SITE SHALL COMMENCE ONCE PERIMETER CONTROLS ARE IN PLACE. PERIMETER CONTROLS SHALL BE ACTIVELY MAINTAINED UNTIL SAID AREAS HAVE BEEN STABILIZED AND SHALL BE REMOVED ONCE FINAL STABILIZATION IS COMPLETE.
8. GENERAL EROSION CONTROL BMPs SHALL BE EMPLOYED TO MINIMIZE SOIL EROSION AND POTENTIAL LAKE SLOPE CAVE-INS. WHILE THE VARIOUS TECHNIQUES REQUIRED WILL BE SITE AND PLAN SPECIFIC, THEY SHOULD BE EMPLOYED AS SOON AS POSSIBLE DURING CONSTRUCTION.

9. ON-SITE & OFF-SITE SOIL STOCKPILE AND BORROW AREAS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION THROUGH IMPLEMENTATION OF BEST MANAGEMENT PRACTICES. STOCKPILE AND BORROW AREA LOCATIONS SHALL BE NOTED ON THE SITE MAP AND PERMITTED IN ACCORDANCE WITH GENERAL PERMIT REQUIREMENTS.
10. SURFACE WATER QUALITY SHALL BE MAINTAINED BY EMPLOYING THE FOLLOWING BMP'S IN THE CONSTRUCTION PLANNING AND CONSTRUCTION OF ALL IMPROVEMENTS.

STORM WATER EROSION CONTROL PRACTICES:

1. CONTRACTORS OR SUBCONTRACTORS WILL BE RESPONSIBLE FOR REMOVING SEDIMENT FROM DETENTION PONDS AND ANY SEDIMENT THAT MAY HAVE COLLECTED IN THE STORM SEWER DRAINAGE SYSTEMS IN CONJUNCTION WITH THE STABILIZATION OF THE SITE.
2. SLOPES SHALL BE LEFT IN A ROUGHENED CONDITION DURING THE GRADING PHASE TO REDUCE RUNOFF VELOCITIES AND EROSION.
3. DUE TO THE GRADE CHANGES DURING THE DEVELOPMENT OF THE PROJECT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE EROSION CONTROL MEASURES (COMPOST SOCK DEVICES, ETC.) TO PREVENT EROSION.
4. WHERE PRACTICAL, STORMWATER SHALL BE CONVEYED BY SWALES.
5. EROSION CONTROL MEASURES SHALL BE EMPLOYED TO MINIMIZE TURBIDITY OF SURFACE WATERS LOCATED DOWNSTREAM OF ANY CONSTRUCTION ACTIVITY. WHILE THE VARIOUS MEASURES REQUIRED WILL BE SITE SPECIFIC, THEY SHALL BE EMPLOYED AS NEEDED IN ACCORDANCE WITH THE FOLLOWING:
 6. IN GENERAL, EROSION SHALL BE CONTROLLED AT THE FURTHEST PRACTICAL UPSTREAM LOCATION.
 7. STORMWATER INLETS SHALL BE PROTECTED DURING CONSTRUCTION. PROTECTION MEASURES SHALL BE EMPLOYED AS SOON AS PRACTICAL DURING THE VARIOUS STAGES OF INLET CONSTRUCTION. SILT BARRIERS SHALL REMAIN IN PLACE UNTIL SODDING AROUND INLETS IS COMPLETE.
 8. WHEN NEEDED A TEMPORARY SEDIMENT TRAP SHOULD BE CONSTRUCTED TO DETAIN SEDIMENT-LADEN RUNOFF FROM DISTURBED AREAS.
 9. SILT BARRIERS, ANY SILT WHICH ACCUMULATES BEHIND THE BARRIERS, AND ANY FILL USED TO ANCHOR THE BARRIERS SHALL BE REMOVED PROMPTLY AFTER THE END OF THE MAINTENANCE PERIOD SPECIFIED FOR THE BARRIERS.
 10. SLOPES OF BANKS OF RETENTION/DETENTION PONDS SHALL BE CONSTRUCTED NOT STEEPER THAN 3H:1V FROM TOP OF BANK TO TWO FEET BELOW NORMAL WATER LEVEL, AS APPLICABLE.
 11. SOD SHALL BE PLACED FOR A 2-FOOT WIDE STRIP ADJOINING ALL CURBING AND AROUND ALL INLETS. SOD SHALL BE PLACED BEFORE SILT BARRIERS ARE REMOVED.
 12. WHEN REQUIRED TO PREVENT EROSION FROM SHEET FLOW ACROSS BARE GROUND FROM ENTERING A LAKE OR SWALE, A TEMPORARY SEDIMENT SUMP SHALL BE CONSTRUCTED.
 13. FILTER FABRIC SHOULD BE USED FOR STORM DRAIN INLET PROTECTION BEFORE FINAL STABILIZATION.

WIND EROSION CONTROL PRACTICES:

1. WIND EROSION SHALL BE CONTROLLED BY EMPLOYING THE FOLLOWING METHODS AS NECESSARY AND APPROPRIATE:
 - A. BARE EARTH AREAS SHALL BE WATERED DURING CONSTRUCTION AS NECESSARY TO MINIMIZE THE TRANSPORT OF FUGITIVE DUST. IT MAY BE NECESSARY TO LIMIT CONSTRUCTION VEHICLE SPEED IF BARE EARTH HAS NOT BEEN EFFECTIVELY WATERED. IN NO CASE SHALL FUGITIVE DUST BE ALLOWED TO LEAVE THE SITE UNDER CONSTRUCTION.
 - B. DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS PERMANENTLY STOPPED SHALL BE PERMANENTLY SEEDING (SEE PERMANENT STABILIZATION PRACTICES FOR DETAILS). THESE AREAS SHALL BE SEEDING NO LATER THAN 14 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY OCCURRING IN THESE AREAS. REFER TO THE GRADING PLAN AND/OR LANDSCAPE PLAN. CLEARED SITE DEVELOPMENT AREAS NOT CONTINUALLY SCHEDULED FOR CONSTRUCTION ACTIVITIES SHALL BE COVERED WITH HAY OR OVERSEEDED AND PERIODICALLY WATERED SUFFICIENTLY TO STABILIZE THE TEMPORARY GROUND COVER (SEE TEMPORARY STABILIZATION PRACTICES FOR DETAILS).
 - C. AT ANY TIME BOTH DURING AND AFTER SITE CONSTRUCTION THAT WATERING AND/OR VEGETATION ARE NOT EFFECTIVE IN CONTROLLING WIND EROSION AND/OR TRANSPORT OF FUGITIVE DUST, OTHER METHODS AS ARE NECESSARY FOR SUCH CONTROL SHALL BE EMPLOYED. THESE METHODS SHOULD INCLUDE ERECTION OF DUST CONTROL FENCES. A 6-FT GEOTEXTILE FILTER FABRIC SHOULD BE HANGING AGAINST THE EXISTING CHAIN LINK FENCE AND GATE.
2. ALL DUST ON THE SITE SHALL BE CONTROLLED. THE USE OF MOTOR OILS AND OTHER PETROLEUM BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION OPERATIONS IS PROHIBITED.

STABILIZATION PRACTICES:

IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE STABILIZATION PRACTICES PROPOSED TO CONTROL EROSION. THE CONTRACTOR SHALL INITIATE ALL STABILIZATION MEASURES AS SOON AS PRACTICAL, BUT IN NO CASE MORE THAN 7 DAYS, IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED. THE STABILIZATION PRACTICES SHALL INCLUDE AT LEAST THE FOLLOWING UNLESS OTHERWISE APPROVED BY THE ENGINEER.

- TEMPORARY:
- ARTIFICIAL COVERINGS IN ACCORDANCE WITH SPECIFICATION SECTION 104.
 - TURF AND SOD IN ACCORDANCE WITH SPECIFICATION SECTION 104.

- PERMANENT:
- ASPHALT OR CONCRETE SURFACE.
 - SOD IN ACCORDANCE WITH SPECIFICATION SECTION 570.

STRUCTURAL PRACTICES:

IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED STRUCTURAL PRACTICES TO CONTROL OR TRAP SEDIMENT OR OTHERWISE PREVENT THE DISCHARGE OF POLLUTANTS FROM EXPOSED AREAS OF THE SITE. SEDIMENT CONTROLS SHALL BE IN PLACE BEFORE DISTURBING SOIL UPSTREAM OF THE CONTROL. THE STRUCTURAL PRACTICES SHALL INCLUDE AT LEAST THE FOLLOWING UNLESS OTHERWISE APPROVED BY THE ENGINEER:

- TEMPORARY:
- SEDIMENT BARRIERS IN ACCORDANCE WITH DESIGN STANDARD 102 AND SPECIFICATION SECTION 104.
 - INLET PROTECTION IN ACCORDANCE WITH DESIGN STANDARD 102 AND SPECIAL DETAILS SHOWN IN THE TTC PLAN.
 - SEDIMENT CONTAINMENT SYSTEM: THE PERMANENT STORMWATER PONDS WILL BE TEMPORARILY MODIFIED ACCORDING TO THE DETAILS IN THE TTC PLAN.

- PERMANENT:
- STORMWATER PONDS
 - SOD

WASTE DISPOSAL:

1. WASTE MATERIALS - ALL WASTE MATERIALS SHALL BE COLLECTED AND STORED IN A METAL DUMPSTER WITH A SECURE LID IN ACCORDANCE WITH ALL LOCAL AND STATE LAWS. ALL TRASH AND CONSTRUCTION DEBRIS FROM THE SITE SHALL BE DEPOSITED IN THE DUMPSTER. THE SUPERINTENDENT SHALL COORDINATE WITH THE LOCAL UTILITIES TO HAVE THE DUMPSTER EMPTIED AT LEAST TWICE A WEEK AND THE WASTE TAKEN TO AN APPROPRIATE LANDFILL. NO CONSTRUCTION WASTE MATERIALS SHALL BE BURIED ON SITE. THE SUPERINTENDENT SHALL ORGANIZE TRAINING FOR THE EMPLOYEES IN THE PROPER PRACTICES WHEN DEALING WITH WASTE MATERIALS. THE SUPERINTENDENT SHALL BE RESPONSIBLE FOR POSTING AND ENFORCING WASTE MATERIAL PROCEDURES.
2. HAZARDOUS WASTE - HAZARDOUS WASTE MATERIALS SHALL BE DISPOSED OF IN ACCORDANCE WITH ALL LOCAL AND STATE LAWS OR AS DIRECTED BY THE MANUFACTURER. THE SUPERINTENDENT SHALL ORGANIZE THE PROPER TRAINING FOR EMPLOYEES IN THE PROPER PRACTICES WHEN DEALING WITH HAZARDOUS WASTE MATERIALS. THESE PROCEDURES SHALL BE POSTED ON THE SITE. THE PERSON WHO MANAGES THE SITE SHALL BE RESPONSIBLE FOR ENFORCING THE PROCEDURES.
3. SANITARY WASTE - SANITARY WASTE SHALL BE COLLECTED AND DISPOSED OF IN ACCORDANCE WITH ALL LOCAL AND STATE LAWS. THE SUPERINTENDENT SHALL COORDINATE WITH THE LOCAL UTILITY FOR COLLECTION OF THE SANITARY WASTE AT LEAST THREE TIMES A WEEK TO PREVENT SPILLAGE ONTO THE SITE.
4. RUBBISH, TRASH, GARBAGE, LITTER, OR OTHER SUCH MATERIALS SHALL BE DEPOSITED INTO SEALED CONTAINERS. MATERIALS SHALL BE PREVENTED FROM LEAVING THE PREMISES THROUGH THE ACTION OF WIND OR STORM WATER DISCHARGE INTO DRAINAGE DITCHES OR WATERS OF THE STATE.

OFFSITE TRACKING:

1. STABILIZED CONSTRUCTION ENTRANCE SHALL BE PROVIDED TO REDUCE SEDIMENT TRACKING OFFSITE. THE MAJOR ROAD CONNECTED TO THE PROJECT SHALL BE CLEANED ONCE A DAY TO REMOVE ANY EXCESS MUD, DIRT OR ROCK RESULTING FROM CONSTRUCTION TRAFFIC. ALL TRUCKS HAULING MATERIALS OFFSITE SHALL BE COVERED WITH A TARP/AULIN.
2. GENERAL CONTRACTOR SHALL DENOTE ON PLAN THE TEMPORARY PARKING AND STORAGE AREA WHICH SHALL ALSO BE USED AS THE

EQUIPMENT MAINTENANCE AND CLEANING AREA, EMPLOYEE PARKING AREA, AND AREA FOR LOCATION PORTABLE FACILITIES, OFFICE TRAILERS, AND TOILET FACILITIES. HEAVY CONSTRUCTION EQUIPMENT PARKING AND MAINTENANCE AREAS SHALL BE DESIGNED TO PREVENT OIL, GREASE, AND LUBRICANTS FROM ENTERING SITE DRAINAGE FEATURES INCLUDING STORMWATER COLLECTION AND TREATMENT SYSTEMS. CONTRACTORS SHALL PROVIDE BROAD DIKES, HAY BALES OR SILT SCREENS AROUND AND SEDIMENT SUMPS WITHIN SUCH AREAS AS REQUIRED TO CONTAIN SPILLS OF OIL, GREASE OR LUBRICANTS. CONTRACTORS SHALL HAVE AVAILABLE, AND SHALL USE, ABSORBENT FILTER PADS TO CLEAN UP SPILLS AS SOON AS POSSIBLE AFTER OCCURRENCE.

3. ALL WASH WATER FROM CONCRETE TRUCKS, VEHICLE CLEANING, EQUIPMENT CLEANING, ETC. SHALL BE DETAINED ON SITE AND SHALL BE PROPERLY TREATED OR DISPOSED.
4. IF THE ACTION OF VEHICLES TRAVELING OVER THE GRAVEL CONSTRUCTION ENTRANCES IS NOT SUFFICIENT TO REMOVE THE MAJORITY OF DIRT OR MUD, THEN THE TIRES MUST BE WASHED BEFORE THE VEHICLES ENTER A PUBLIC ROAD. IF WASHING IS USED, PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF THE SITE.
5. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.

MAINTENANCE:

ALL MEASURES STATED ON THIS EROSION AND SEDIMENT CONTROL PLAN, AND IN THE STORM WATER POLLUTION PREVENTION PLAN, SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL NO LONGER REQUIRED FOR A COMPLETED PHASE OF WORK OR FINAL STABILIZATION OF THE SITE. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE CHECKED BY A QUALIFIED PERSON AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A 0.5" RAINFALL EVENT, AND CLEANED AND REPAIRED IN ACCORDANCE WITH THE FOLLOWING:

1. INLET PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF UNDERMINING, OR DETERIORATION.
3. ALL SEEDED AREAS SHALL BE CHECKED REGULARLY TO SEE THAT A GOOD STAND IS MAINTAINED. AREAS SHOULD BE FERTILIZED, WATERED, AND RESEED AS NEEDED.
4. THE COMPOST SOCK FILTRATION DEVICE SHALL BE INSPECTED PERIODICALLY FOR HEIGHT OF SEDIMENT AND CONDITION OF DEVICE. COMPOST SOCK SHALL BE REPAIRED TO ITS ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE COMPOST SOCK WHEN IT REACHES ONE-THIRD THE HEIGHT OF THE COMPOST SOCK.
5. THE CONSTRUCTION ENTRANCES SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE CONSTRUCTION ENTRANCES AS CONDITIONS DEMAND.
6. THE TEMPORARY PARKING AND STORAGE AREA SHALL BE KEPT IN GOOD CONDITION (SUITABLE FOR PARKING AND STORAGE). THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE TEMPORARY PARKING AS CONDITIONS DEMAND.
7. OUTLET STRUCTURES IN THE SEDIMENTATION BASINS SHALL BE MAINTAINED IN OPERATIONAL CONDITIONS AT ALL TIMES. THE SEDIMENT BASINS/DITCHES SHALL BE CHECKED MONTHLY FOR DEPTH OF SEDIMENT. SEDIMENT SHALL BE REMOVED FROM SEDIMENT BASINS OR TRAPS WHEN THE DESIGN CAPACITY HAS BEEN REDUCED BY 10% AND AFTER CONSTRUCTION IS COMPLETE.
8. ALL MAINTENANCE OPERATIONS SHALL BE DONE IN A TIMELY MANNER BUT IN NO CASE LATER THAN SEVEN CALENDAR DAYS FOLLOWING THE INSPECTION. DIVERSION DIKES SHALL BE INSPECTED MONTHLY. ANY BREACHES SHALL BE PROMPTLY REPAIRED.
9. A MAINTENANCE REPORT SHALL BE COMPLETED DAILY AFTER EACH INSPECTION OF THE SEDIMENT AND EROSION CONTROL METHODS. THE REPORTS SHALL BE FILED IN AN ORGANIZED MANNER AND RETAINED ON-SITE DURING CONSTRUCTION. AFTER CONSTRUCTION IS COMPLETED, THE REPORTS SHALL BE SAVED FOR AT LEAST THREE YEARS. THE REPORTS SHALL BE AVAILABLE FOR ANY AGENCY THAT HAS JURISDICTION OVER EROSION CONTROL.
10. ALL REPAIRS MUST BE MADE WITHIN 24 HOURS OF REPORT.
11. THE SUPERINTENDENT SHALL ORGANIZE THE TRAINING FOR INSPECTION PROCEDURES AND PROPER EROSION CONTROL METHODS FOR EMPLOYEES THAT COMPLETE INSPECTIONS AND REPORTS.
12. SILT FENCES SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE SILT FENCES WHEN IT REACHES ONE-HALF THE HEIGHT OF THE SILT FENCE.

SPILL PREVENTION AND CONTROL:

THE FOLLOWING ARE THE MATERIAL MANAGEMENT PRACTICES THAT WILL BE USED TO REDUCE THE RISK OF SPILLS OR OTHER ACCIDENTAL EXPOSURE OF MATERIALS AND SUBSTANCES TO STORM WATER RUNOFF.

1. GOOD HOUSEKEEPING
 - A. SUPERINTENDENT SHALL INSPECT PROJECT AREA DAILY FOR PROPER STORAGE, USE, AND DISPOSAL OF CONSTRUCTION MATERIALS.
 - B. STORE ONLY ENOUGH MATERIAL ON SITE FOR PROJECT COMPLETION.
 - C. ALL SUBSTANCES SHOULD BE USED BEFORE DISPOSAL OF CONTAINER.
 - D. ALL CONSTRUCTION MATERIALS STORED SHALL BE ORGANIZED AND IN THE PROPER CONTAINER AND IF POSSIBLE, STORED UNDER A ROOF OR PROTECTIVE COVER.
 - E. PRODUCTS SHALL NOT BE MIXED UNLESS DIRECTED BY THE MANUFACTURER.
 - F. ALL PRODUCTS SHALL BE USED AND DISPOSED OF ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.
2. HAZARDOUS PRODUCTS
 - A. MATERIALS SHOULD BE KEPT IN ORIGINAL CONTAINER WITH LABELS UNLESS THE ORIGINAL CONTAINERS CANNOT BE RESEALED. IF ORIGINAL CONTAINERS CANNOT BE USED, LABELS AND PRODUCT INFORMATION SHALL BE SAVED.
 - B. PROPER DISPOSAL PRACTICES SHALL ALWAYS BE FOLLOWED IN ACCORDANCE WITH MANUFACTURER AND LOCAL/STATE REGULATIONS.
3. PRODUCT SPECIFIC PRACTICES
 - A. PETROLEUM PRODUCTS MUST BE STORED IN PROPER CONTAINERS AND CLEARLY LABELED. VEHICLES CONTAINING PETROLEUM PRODUCTS SHALL BE PERIODICALLY INSPECTED FOR LEAKS. PRECAUTIONS SHALL BE TAKEN TO AVOID LEAKAGE OF PETROLEUM PRODUCTS ON SITE.
 - B. THE MINIMUM AMOUNT OF FERTILIZER SHALL BE USED AND MIXED INTO THE SOIL IN ORDER TO LIMIT EXPOSURE TO STORM WATER. FERTILIZERS SHALL BE STORED IN A COVERED SHED. THE CONTENTS OF ANY PARTIALLY USED BAGS OF FERTILIZER SHALL BE TRANSFERRED TO A SEALABLE PLASTIC BIN TO AVOID SPILLS.
 - C. PAINT CONTAINERS SHALL BE SEALED AND STORED WHEN NOT IN USE. EXCESS PAINT MUST BE DISPOSED OF IN AN APPROVED MANNER.
 - D. CONCRETE TRUCKS SHALL NOT BE ALLOWED TO WASH OUT OR DISCHARGE SURPLUS CONCRETE OR DRUM WASH WATER ON THE SITE.

SPILL CLEAN UP:

IN ADDITION TO THE GOOD HOUSEKEEPING AND MATERIAL MANAGEMENT PRACTICES DISCUSSED ABOVE, THE FOLLOWING PRACTICES SHALL BE FOLLOWED FOR SPILL PREVENTION AND CLEANUP:

1. SPILL CLEANUP INFORMATION SHALL BE POSTED ON SITE TO INFORM EMPLOYEES ABOUT CLEANUP PROCEDURES AND RESOURCES.
2. THE FOLLOWING CLEAN-UP EQUIPMENT MUST BE KEPT ON-SITE NEAR THE MATERIAL STORAGE AREA: GLOVES, MOPS, RAGS, BROOMS, DUST PANS, SAND, SAWDUST, LIQUID ABSORBER, GOGGLES, AND TRASH CONTAINERS.
3. SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLOTATION BOOMS SHALL BE MAINTAINED ON-SITE AND READILY AVAILABLE TO CONTAIN AND CLEAN-UP FUEL OR CHEMICAL SPILLS AND LEAKS.
4. ALL SPILLS SHALL BE CLEANED UP AS SOON AS POSSIBLE.
5. WHEN CLEANING A SPILL, THE AREA SHOULD BE WELL VENTILATED AND THE EMPLOYEE SHALL WEAR PROPER PROTECTIVE COVERING TO PREVENT INJURY.
6. TOXIC SPILLS MUST BE REPORTED TO THE PROPER AUTHORITY REGARDLESS OF THE SIZE OF THE SPILL.
7. AFTER A SPILL, THE PREVENTION PLAN SHALL BE REVIEWED AND CHANGED TO PREVENT FURTHER SIMILAR SPILLS FROM OCCURRING. THE CAUSE OF THE SPILL, MEASURES TO PREVENT IT, AND HOW TO CLEAN THE SPILL UP SHALL BE RECORDED.
8. THE SUPERINTENDENT SHALL BE THE SPILL PREVENTION AND CLEANUP COORDINATOR AND IS RESPONSIBLE FOR THE DAY TO DAY SITE OPERATIONS. THE SUPERINTENDENT ALSO OVERSEES THE SPILL PREVENTION PLAN AND SHALL BE RESPONSIBLE FOR EDUCATING THE EMPLOYEES ABOUT SPILL PREVENTION AND CLEANUP PROCEDURES.

No.	REVISIONS	DATE	BY

Kimley»Horn

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KHA PROJECT 04649022
 DATE DEC. 2018
 SCALE AS SHOWN
 DESIGNED BY MM
 DRAWN BY TS
 CHECKED BY SV

VILLAGE OF PALMETTO BAY SRFS IMPROVEMENTS

PREPARED FOR
VILLAGE OF PALMETTO BAY

VILLAGE OF PALMETTO BAY

LICENSE No. 74655

STEFANO F. WOLA, P.E.

STATE OF FLORIDA

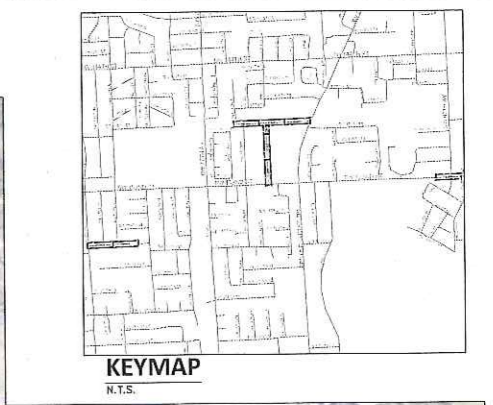
74655

PROFESSIONAL ENGINEER

CORAL REEF ELEMENTARY STORMWATER POLLUTION PREVENTION PLAN

SHEET NUMBER
C101

Plotted By: Maria, Melissa
 Sheet: Set Village of Palmetto Bay Srts Routes to School Improvements Layout C200 Key Sheet, December 03, 2018, 04:27:05pm
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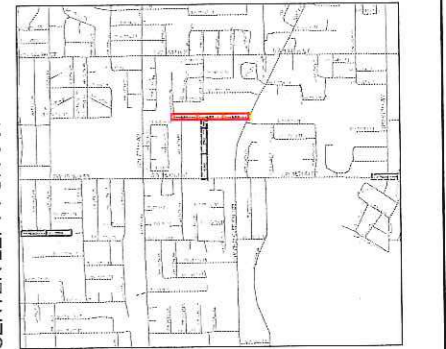
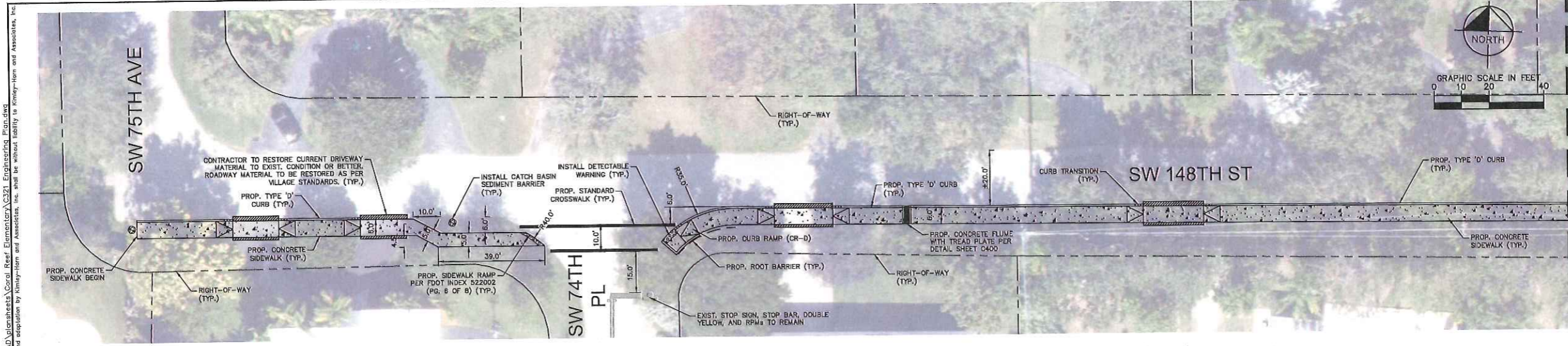
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KHA PROJECT
 044649022
 DATE
 DEC. 2018
 SCALE AS SHOWN
 DESIGNED BY MM
 DRAWN BY TS
 CHECKED BY SV

VILLAGE OF PALMETTO BAY SRTS IMPROVEMENTS
 PREPARED FOR
VILLAGE OF PALMETTO BAY
 FLORIDA DATE: 12/3/2019

CORAL REEF ELEMENTARY KEY SHEET

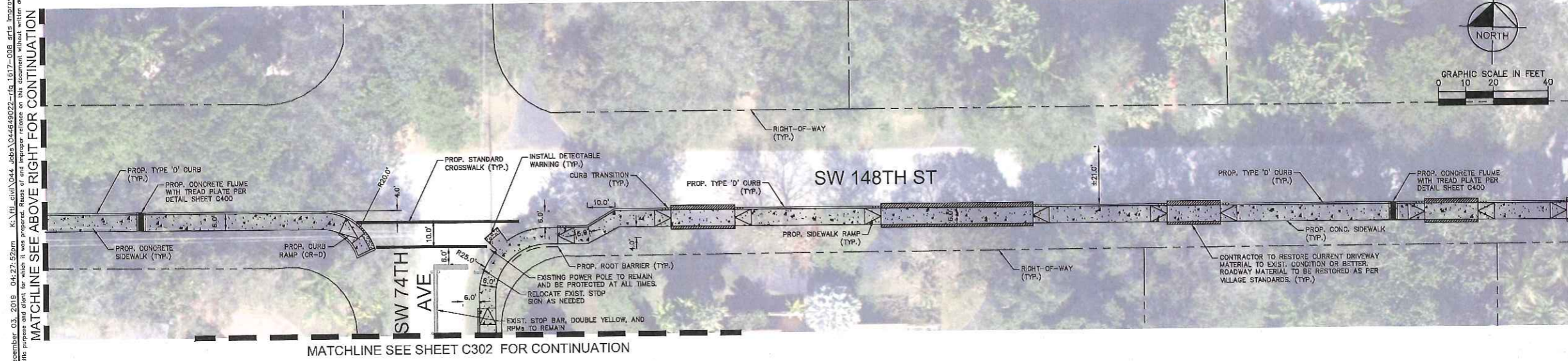
SHEET NUMBER
C200



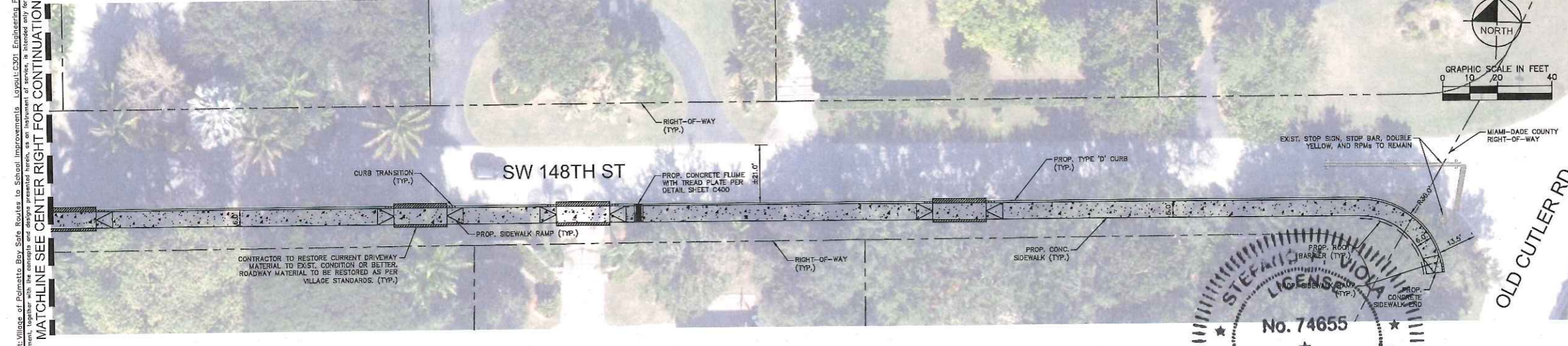
LEGEND

- REMOVE EXISTING STRIPING
- PROPOSED CONCRETE SIDEWALK
- PROPOSED CATCH BASIN SEDIMENT BARRIER
- PROPOSED DETECTABLE WARNING
- PROPOSED SIDEWALK RAMP
- EXISTING PROPERTY LINE/RIGHT-OF-WAY

- CONSTRUCTION NOTES:**
- CONTRACTOR TO PERFORM SITE VISIT PRIOR TO BID SUBMITTAL FOR THE PROJECT.
 - RIGHT-OF-WAY BOUNDARIES ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY LOCATION OF RIGHT-OF-WAY WITH LICENSED SURVEYOR.
 - CONTRACTOR TO OBTAIN ENGINEERING PERMIT.
 - CONTRACTOR TO VERIFY LOCATION OF ALL EXISTING UTILITIES PRIOR TO BEGINNING CONSTRUCTION. CONTRACTOR TO NOTIFY ENGINEER OF ANY CONFLICTS.
 - IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO TAKE THE NECESSARY PRECAUTIONS TO ENSURE PROPER SAFETY AND WORKMANSHIP WHEN WORKING IN THE VICINITY OF EXISTING UTILITY LINES.
 - ALL EXISTING UTILITIES, INCLUDING BUT NOT LIMITED TO, DRAINAGE CLEANOUTS, WATER METERS, ELECTRICAL METERS, AND IRRIGATION MAINS, IMPACTED BY SIDEWALK CONSTRUCTION SHALL BE MODIFIED/RELOCATED AS NECESSARY. CONTRACTOR TO COORDINATE WITH UTILITY COMPANY DIRECTLY.
 - ELEVATION OF EXISTING UTILITIES SHALL BE ADJUSTED AS NECESSARY.
 - CONTRACTOR TO ROOT PRUNE TREES, REMOVE VEGETATION, AND INSTALL ROOT BARRIER ALONG PROPOSED PATH OF SIDEWALK AS NECESSARY WITHOUT EXPANDING ANY ENDANGERED SPECIES. CONTRACTOR TO PROTECT EXISTING TREES DURING CONSTRUCTION PER FDOT INDEX 544. CONTRACTOR TO TRIM ANY LOW-HANGING TREE BRANCHES THAT CONFLICT WITH MINIMUM ADA CLEARANCE.
 - ALL AREAS DAMAGED BY THE CONTRACTOR, INCLUDING BUT NOT LIMITED TO PAVEMENT MARKINGS, ASPHALT, SWALE, SIDEWALK, AND DRIVEWAYS, SHALL BE RESTORED, AT THE CONTRACTOR'S EXPENSE, TO ORIGINAL CONDITION.
 - SAW CUTTING OF THE EXISTING SIDEWALK SHALL BE MADE ONLY AT THE NEAREST FLAG JOINTS.
 - NO EXISTING TREES SHALL BE REMOVED UNLESS OTHERWISE SPECIFIED.
 - SHOULD ANY EXISTING TREE BE REQUIRED TO BE REMOVED OR LOCATED BASED ON PROPOSED WORK, CONTRACTOR TO COORDINATE MODIFIED PATH OF SIDEWALK WITH ENGINEER. SHOULD TREE REMOVAL/RELOCATION BE REQUIRED, CONTRACTOR TO OBTAIN ALL REQUIRED PERMITS.
 - PROPOSED PATH OF SIDEWALK IS APPROXIMATE AND IS BASED ON AVAILABLE INFORMATION. CONTRACTOR TO CONSTRUCT SIDEWALK AROUND TREES AS REQUIRED.
 - ALL EXISTING MAILBOXES IMPACTED BY SIDEWALK CONSTRUCTION SHALL BE MODIFIED/RELOCATED AS NECESSARY AT THE CONTRACTOR'S EXPENSE.
 - ROADWAY DESIGN SPEED: 30 MPH
 - DETECTABLE WARNING SURFACE (DWS) TO BE SELECTED FROM MDC ARTICLE 927 LIST.



- PAVING, GRADING, AND DRAINAGE NOTES:**
- PROPOSED SIDEWALK LOCATION IS NOT EXACT DUE TO DISCREPANCIES WITH AERIAL BACKGROUND. PROPOSED SIDEWALK SHALL BE WITHIN THE PUBLIC RIGHT-OF-WAY.
 - MINIMUM SEPARATION FROM EDGE OF ROADWAY TO EDGE OF SIDEWALK WITHOUT CURBING SHALL BE 5.0 FT.
 - ALL SIDEWALKS TO BE 4" THICK, EXCEPT THOSE TRAVERSING DRIVEWAYS SHALL BE 6" THICK, AS PER SIDEWALK DETAIL, SHEET C400.
 - PROPOSED SIDEWALK SLOPE SHALL NOT EXCEED MAXIMUM CROSS SLOPE OF 2% AND LONGITUDINAL SLOPE OF 5%.
 - PROPOSED CONCRETE SIDEWALKS ADJACENT TO TYPE D CURB SHALL BE 6.0 FT WIDE. ALL OTHER PROPOSED CONCRETE SIDEWALKS SHALL BE 5.0 FT WIDE UNLESS OTHERWISE NOTED ON THE PLANS.
 - ALL SIDEWALK RAMP AND DETECTABLE WARNING TO MEET FOOT STANDARD INDEX 522-022.
 - ALL ASPHALT TO BE REMOVED SHALL BE SAW CUT ADJACENT TO REMAINING IMPROVEMENTS.
 - CONTRACTOR TO MAINTAIN DRAINAGE FLOW DURING AND AFTER CONSTRUCTION.
 - FOR SIDEWALKS NOT ADJACENT TO CURB, AT LEAST A 1-FOOT WIDE GRADED AREA SHOULD BE PROVIDED ON BOTH SIDES, FLUSH WITH THE SIDEWALK AND HAVING A MAXIMUM 1:6 SLOPE.
 - PROPOSED CLOSED FLUME INLET LOCATIONS ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY LOW POINTS AND CONSULT WITH EOR PRIOR TO INSTALLATION.
- SIGNING AND MARKING NOTES:**
- ALL PAVEMENT MARKINGS ARE TO MEET FDOT INDEX 711-001.
 - ALL PROPOSED SIGNS TO BE INSTALLED PER FDOT INDEX 709-010.
 - ALL SCHOOL SIGNS AND MARKINGS TO MEET FDOT INDEX 734-4.
 - EXISTING STRIPING/MARKING TO BE REMOVED BY WATER BLASTING ONLY.
 - PROPOSED SOLAR POWERED BEACON ASSEMBLY TO MEET FDOT INDEX 654-001.
 - ALL EXISTING SIGNS IMPACTED BY SIDEWALK CONSTRUCTION SHALL BE MODIFIED/RELOCATED AS NECESSARY AT THE CONTRACTOR'S EXPENSE.



Revised: By: Merino, Maricao Sheet: S-1 Village of Palmetto Bay Safe Routes to School Improvements Layout: C301 Engineering Plan December 03, 2018 04:27:55pm K:\Horn\044 jobs\04469022-rfb_1617-008 arts improvements\CAD\plan sheets\Coral Reef Elementary\Plan.dwg This document, together with the concepts and designs presented herein, is intended only for the specific purpose and shall not be used for any other purpose without the written authorization and approval by Kimley-Horn and Associates, Inc.

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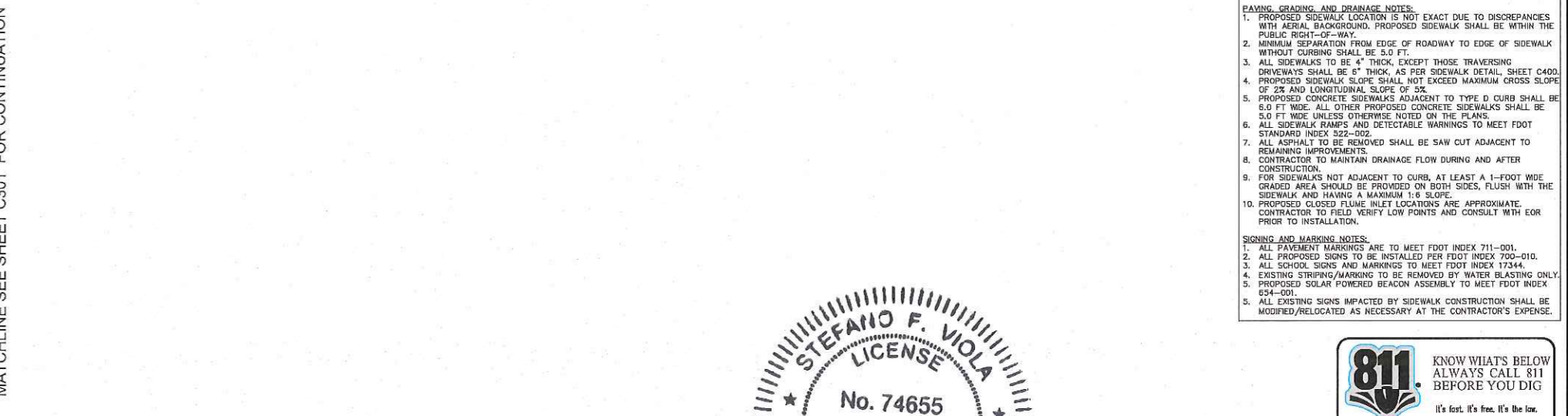
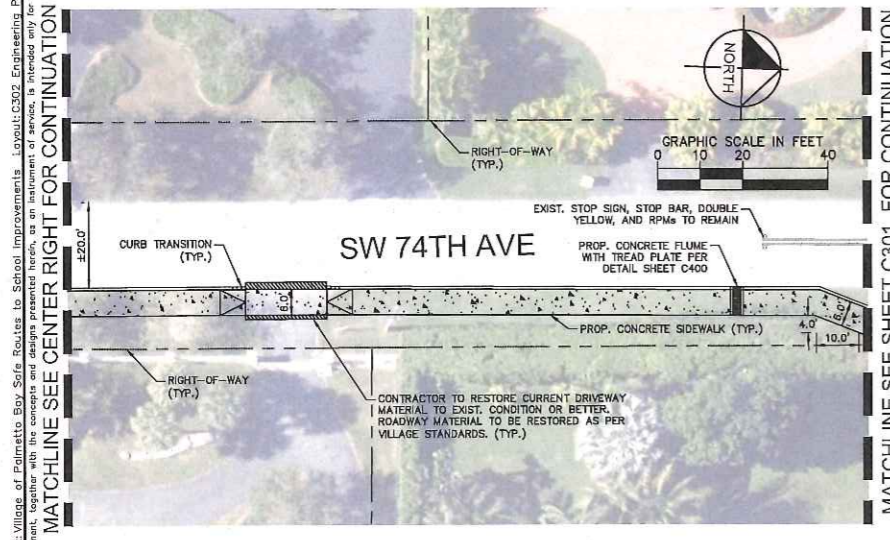
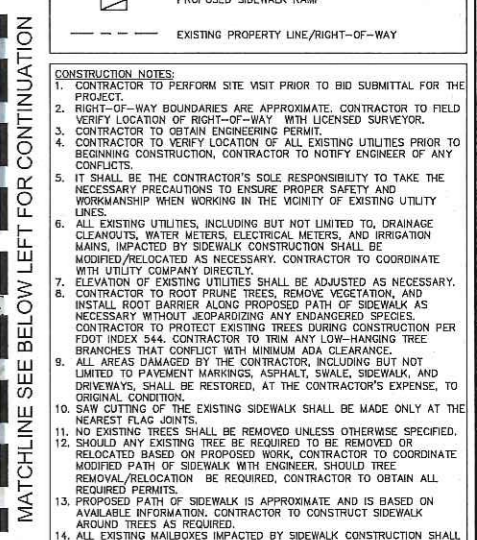
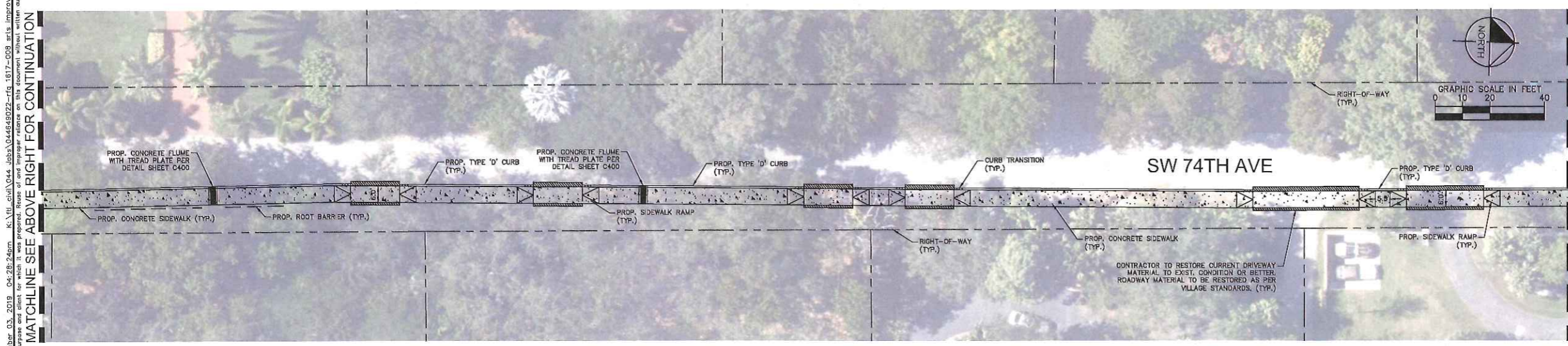
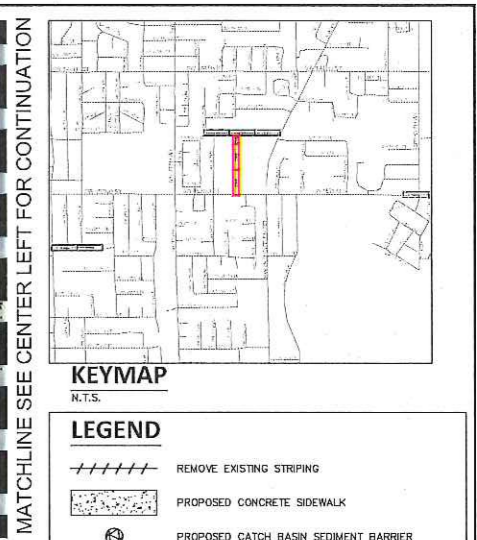
KHA PROJECT	044649022
DATE	DEC. 2018
SCALE AS SHOWN	
DESIGNED BY	MM
DRAWN BY	TS
CHECKED BY	SV

VILLAGE OF PALMETTO BAY SRIS
 IMPROVEMENTS
 PREPARED FOR
 VILLAGE OF PALMETTO BAY
 VILLAGE OF PALMETTO BAY
 FLORIDA DATE: 12/3/2019

STATE OF FLORIDA
PROFESSIONAL ENGINEER
 No. 74655
 STEFANIOS LIOU
 12/3/2019

CORAL REEF ELEMENTARY
 ENGINEERING PLAN
 SHEET NUMBER
C301

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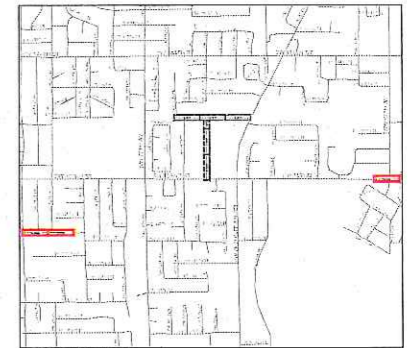
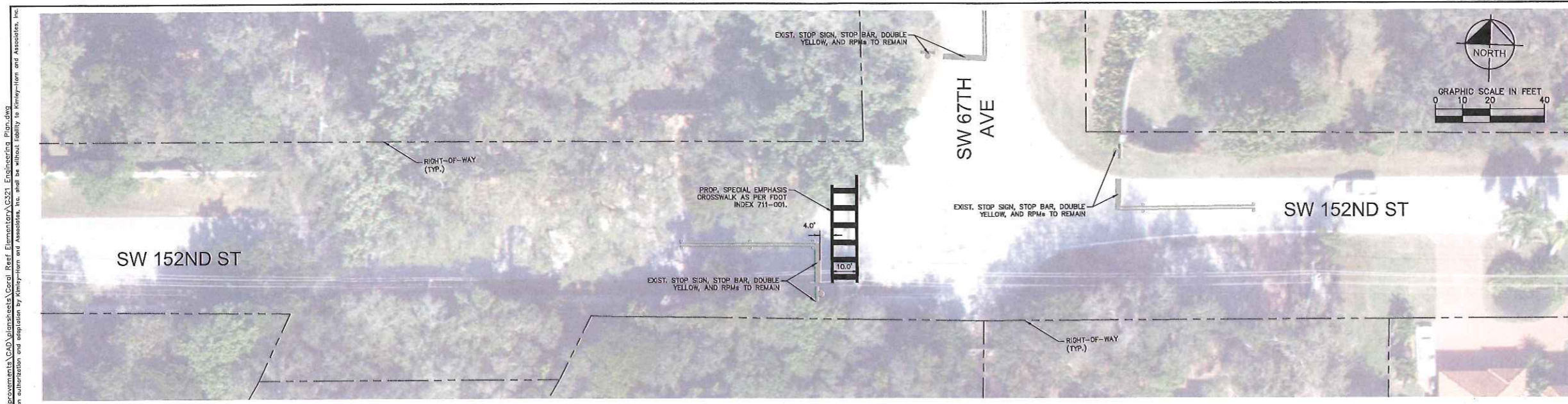
VILLAGE OF PALMETTO BAY SRIS
 IMPROVEMENTS
 PREPARED FOR
 VILLAGE OF PALMETTO BAY
 FLORIDA

STEFANO F. VIOLA
 LICENSE
 No. 74655
 PROFESSIONAL ENGINEER
 STATE OF FLORIDA
 LICENSE NUMBER 74655
 DATE: 12/3/2019

CORAL REEF ELEMENTARY
 ENGINEERING PLAN
 SHEET NUMBER
 C302

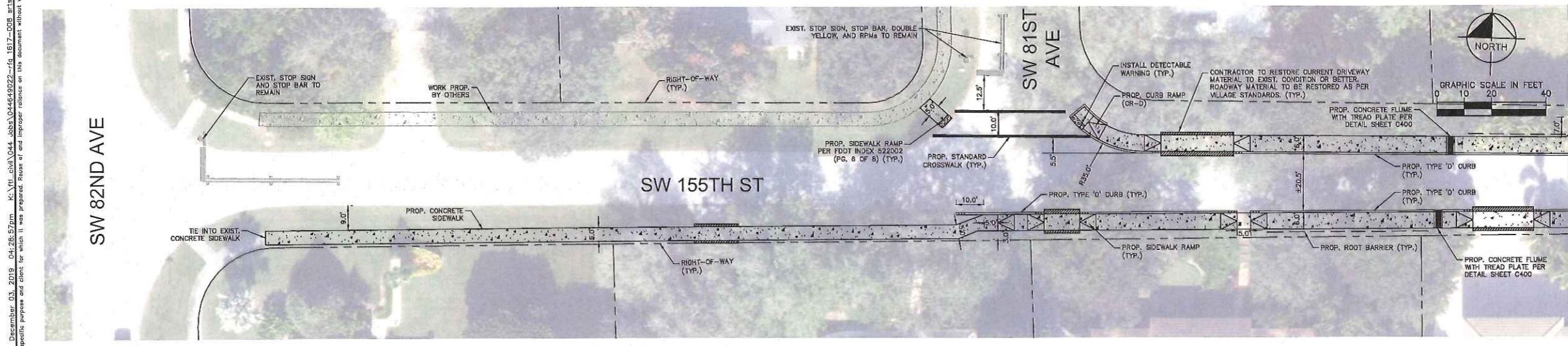
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Project: Village of Palmetto Bay, Sr. School Improvements - Layout C302 Engineering Plan - December 03, 2018 - 04:28:24pm - K:\H. Chivili\044 Jobs\044649022-rf1 1817-009 arts improvements\CAD\plan\c302 Engineering Plan.dwg
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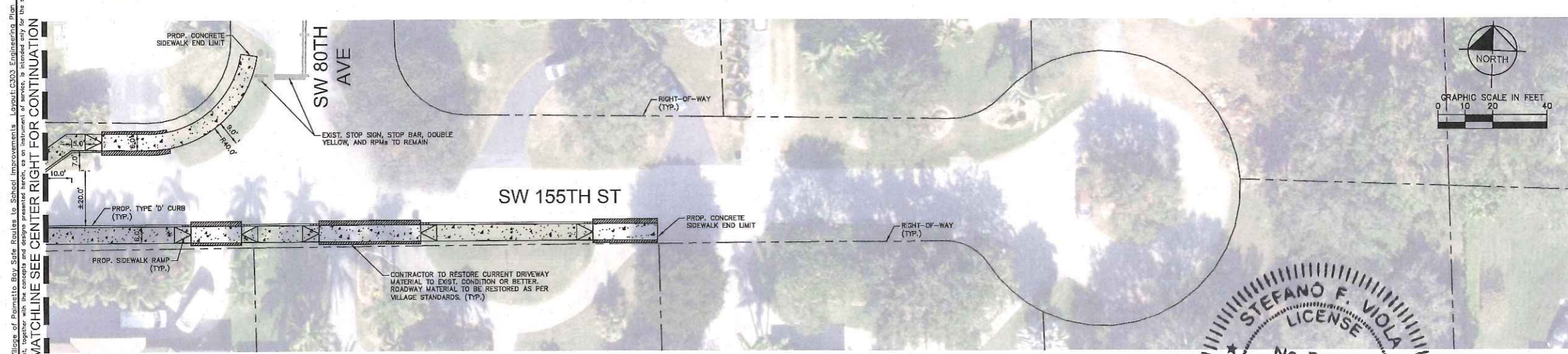


LEGEND

////	REMOVE EXISTING STRIPING
[Pattern]	PROPOSED CONCRETE SIDEWALK
[Symbol]	PROPOSED CATCH BASIN SEDIMENT BARRIER
[Symbol]	PROPOSED DETECTABLE WARNING
[Symbol]	PROPOSED SIDEWALK RAMP
- - - -	EXISTING PROPERTY LINE/RIGHT-OF-WAY



- CONSTRUCTION NOTES:**
- CONTRACTOR TO PERFORM SITE VISIT PRIOR TO BID SUBMITTAL FOR THE PROJECT.
 - RIGHT-OF-WAY BOUNDARIES ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY LOCATION OF RIGHT-OF-WAY WITH LICENSED SURVEYOR.
 - CONTRACTOR TO OBTAIN ENGINEERING PERMIT.
 - CONTRACTOR TO VERIFY LOCATION OF ALL EXISTING UTILITIES PRIOR TO BEGINNING CONSTRUCTION, CONTRACTOR TO NOTIFY ENGINEER OF ANY CONFLICTS.
 - IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO TAKE THE NECESSARY PRECAUTIONS TO ENSURE PROPER SAFETY AND WORKMANSHIP WHEN WORKING IN THE VICINITY OF EXISTING UTILITY LINES.
 - ALL EXISTING UTILITIES, INCLUDING BUT NOT LIMITED TO, DRAINAGE CLEANOUTS, WATER METERS, ELECTRICAL METERS, AND IRRIGATION MARKS, IMPACTED BY SIDEWALK CONSTRUCTION SHALL BE MOVED/RELOCATED AS NECESSARY. CONTRACTOR TO COORDINATE WITH UTILITY COMPANY DIRECTLY.
 - ELEVATION OF EXISTING UTILITIES SHALL BE ADJUSTED AS NECESSARY. CONTRACTOR TO ROOT PRUNE TREES, REMOVE VEGETATION, AND INSTALL ROOT BARRIER ALONG PROPOSED PATH OF SIDEWALK AS NECESSARY WITHOUT JEOPARDIZING ANY ENDANGERED SPECIES.
 - CONTRACTOR TO PROTECT EXISTING TREES DURING CONSTRUCTION PER FDOT INDEX 544. CONTRACTOR TO TRIM ANY LOW-HANGING TREE BRANCHES THAT CONFLICT WITH MINIMUM ADA CLEARANCE.
 - ALL AREAS DAMAGED BY THE CONTRACTOR, INCLUDING BUT NOT LIMITED TO PAVEMENT MARKINGS, ASPHALT, SWALE, SIDEWALK, AND DRIVEWAYS, SHALL BE RESTORED, AT THE CONTRACTOR'S EXPENSE, TO ORIGINAL CONDITION.
 - SAW CUTTING OF THE EXISTING SIDEWALK SHALL BE MADE ONLY AT THE NEAREST FLAG JOINTS.
 - NO EXISTING TREES SHALL BE REMOVED UNLESS OTHERWISE SPECIFIED.
 - SHOULD ANY EXISTING TREE BE REQUIRED TO BE REMOVED OR RELOCATED BASED ON PROPOSED WORK, CONTRACTOR TO COORDINATE MODIFIED PATH OF SIDEWALK WITH ENGINEER. SHOULD TREE REMOVAL/RELOCATION BE REQUIRED, CONTRACTOR TO OBTAIN ALL REQUIRED PERMITS.
 - PROPOSED PATH OF SIDEWALK IS APPROXIMATE AND IS BASED ON AVAILABLE INFORMATION. CONTRACTOR TO CONSTRUCT SIDEWALK AROUND TREES AS REQUIRED.
 - ALL EXISTING MAILBOXES IMPACTED BY SIDEWALK CONSTRUCTION SHALL BE MOVED/RELOCATED AS NECESSARY AT THE CONTRACTOR'S EXPENSE.
 - ROADWAY DESIGN SPEED: 30 MPH
 - DETECTABLE WARNING SURFACE (DWS) TO BE SELECTED FROM MDC ARTICLE 527 LIST.



- PAVING, GRADING, AND DRAINAGE NOTES:**
- PROPOSED SIDEWALK LOCATION IS NOT EXACT DUE TO DISCREPANCIES WITH AERIAL BACKGROUND. PROPOSED SIDEWALK SHALL BE WITHIN THE PUBLIC RIGHT-OF-WAY.
 - MINIMUM SEPARATION FROM EDGE OF ROADWAY TO EDGE OF SIDEWALK WITHOUT CURBING SHALL BE 3.0 FT.
 - ALL SIDEWALKS TO BE 4" THICK, EXCEPT THOSE TRaversing DRIVEWAYS SHALL BE 6" THICK, AS PER SIDEWALK DETAIL, SHEET C400.
 - PROPOSED SIDEWALK SLOPE SHALL NOT EXCEED MAXIMUM CROSS SLOPE OF 2% AND LONGITUDINAL SLOPE OF 3%.
 - PROPOSED CONCRETE SIDEWALKS ADJACENT TO TYPE D CURB SHALL BE 6.0 FT WIDE. ALL OTHER PROPOSED CONCRETE SIDEWALKS SHALL BE 5.0 FT WIDE UNLESS OTHERWISE NOTED ON THE PLANS.
 - ALL SIDEWALK RAMPS AND DETECTABLE WARNING TO MEET FDOT STANDARD INDEX 522-002.
 - ALL ASPHALT TO BE REMOVED SHALL BE SAW CUT ADJACENT TO REMAINING IMPROVEMENTS.
 - CONTRACTOR TO MAINTAIN DRAINAGE FLOW DURING AND AFTER CONSTRUCTION.
 - FOR SIDEWALKS NOT ADJACENT TO CURB, AT LEAST A 1-FOOT WIDE GRADED AREA SHOULD BE PROVIDED ON BOTH SIDES, FLUSH WITH THE SIDEWALK AND HAVING A MAXIMUM 1:6 SLOPE.
 - PROPOSED CLOSED FLUME INLET LOCATIONS ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY LOW POINTS AND CONSULT WITH EOR PRIOR TO INSTALLATION.
- SIGNING AND MARKING NOTES:**
- ALL PAVEMENT MARKINGS ARE TO MEET FDOT INDEX 711-001.
 - ALL PROPOSED SIGNS TO BE INSTALLED PER FDOT INDEX 700-010.
 - ALL SCHOOL SIGNS AND MARKINGS TO MEET FDOT INDEX 17344.
 - EXISTING STRIPING/MARKING TO BE REMOVED BY WATER BLASTING ONLY.
 - PROPOSED SOLAR POWERED BEACON ASSEMBLY TO MEET FDOT INDEX 634-001.
 - ALL EXISTING SIGNS IMPACTED BY SIDEWALK CONSTRUCTION SHALL BE MOVED/RELOCATED AS NECESSARY AT THE CONTRACTOR'S EXPENSE.

MATCHLINE SEE CENTER RIGHT FOR CONTINUATION

MATCHLINE SEE BELOW LEFT FOR CONTINUATION

No.	REVISIONS	DATE	BY

Kimley Horn

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KHA PROJECT	044649022
DATE	DEC. 2018
SCALE	AS SHOWN
DESIGNED BY	MM
DRAWN BY	TS
CHECKED BY	SV

VILLAGE OF PALMETTO BAY SRIS
IMPROVEMENTS
PREPARED FOR
VILLAGE OF PALMETTO BAY
FLORIDA

PROFESSIONAL ENGINEER
STATE OF FLORIDA
LICENSE NO. 74655
DATE: 12/3/2018

CORAL REEF ELEMENTARY
ENGINEERING PLAN

SHEET NUMBER
C303

Plotted By: Marissa
 Sheet: Set Village of Palmetto Bay Safe Routes to School Improvements - Layout C303 Engineering Plan
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Plotted By: Marina Moranop Sheet: Silt Fence of Palmetto Bay Site Details to School Improvements - Village of Palmetto Bay, December 03, 2019, 04:29:07pm. K:\U盘\044\Job\044\044\022\Fig. 1617-008.rvt Improvements\CAD\alignments\Coral Reef Elementor\A\C400 Engineering Details.dwg
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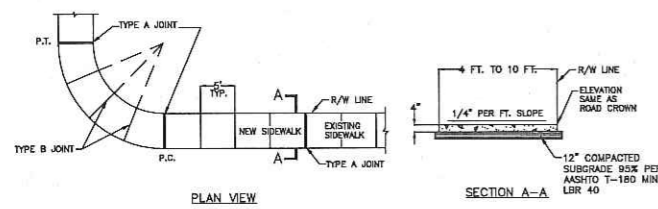
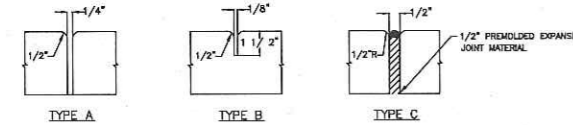


TABLE OF SIDEWALK THICKNESS - 1	
LOCATION	T
STANDARD SIDEWALK	4"
AT DRIVEWAYS AND OTHER AREAS	6"

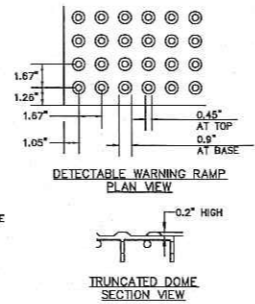
TABLE OF SIDEWALK JOINTS	
LOCATION	
A	P.C. AND P.T. OF CURBS, JUNCTION OF EXISTING AND NEW SIDEWALK.
B	5'-0" CENTER TO CENTER ON SIDEWALK.
C	WHERE SIDEWALK ABUTS CONCRETE CURBS, DRIVEWAYS, AND SIMILAR STRUCTURES.



- NOTES:**
- PLACE #10/10 6x6 WIRE MESH IN THE PORTION OF THE SIDEWALK THAT CROSSES THE DRIVEWAY ONLY.
 - STANDARD SIDEWALK TO BE 3000 PSI @ 28 DAYS
 - CONCRETE FOR SIDEWALK AT DRIVEWAYS AND LOADING ZONES SHALL BE 4000 PSI @ 28 DAYS (HEAVY DUTY).
 - CURE ALL CONCRETE WITH CLEAN SAND, PLASTIC MEMBRANE, OR OTHER APPROVED METHOD.

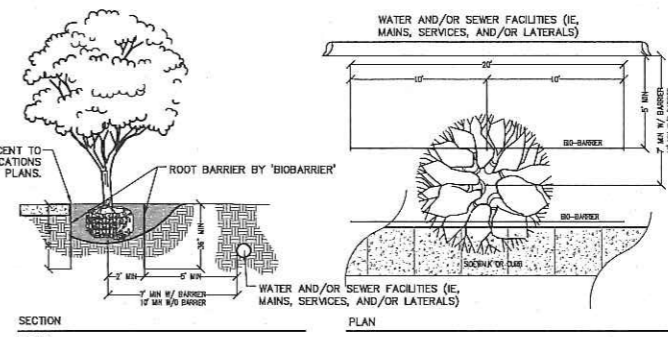
SIDEWALK DESIGN STANDARDS
N.T.S.

- GENERAL NOTES FOR CURB RAMP DETECTABLE WARNINGS**
- DETECTABLE WARNING PER FOOT INDEX #304.
 - CURB RAMP SURFACES MUST CONTAIN A DETECTABLE WARNING SURFACE THAT CONSISTS OF RAISED TRUNCATED DOMES. THE SURFACE MUST CONTRAST VISUALLY WITH ADJOINING SURFACES, INCLUDING SIDE FLARES.
 - DETECTABLE WARNING SURFACES MUST BE SLIP RESISTANT AND NOT ALLOW WATER TO ACCUMULATE.
 - ALIGN TRUNCATED DOMES IN THE DIRECTION OF PEDESTRIAN TRAVEL WHEN ENTERING THE STREET.
 - DETECTABLE WARNING SURFACES SHALL BE A MINIMUM OF 24" IN DEPTH IN THE DIRECTION OF PEDESTRIAN TRAVEL, AND EXTEND THE FULL WIDTH OF THE CURB RAMP OR LANDING WHERE THE PEDESTRIAN ACCESS ROUTE ENTERS THE STREET.
 - DETECTABLE WARNING SURFACES SHALL BE LOCATED SO THAT THE EDGE NEAREST THE CURB LINE IS A MINIMUM OF 6" AND A MAXIMUM OF 10" FROM THE EXTENSION OF THE FACE OF CURB. DETECTABLE WARNING SURFACES MAY BE CURVED ALONG THE CORNER RADII.
 - DETECTABLE WARNING SURFACES SHALL BE CONSTRUCTED OF ARMOR-TILE TACTILE SYSTEMS CAST IN PLACE TILES OR APPROVED EQUAL.
 - DETECTABLE WARNING SURFACE TO BE SELECTED FROM MDC ARTICLE 527 LIST.



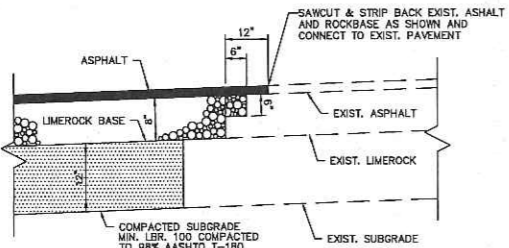
- NOTE:**
- TRUNCATED DOMES BY ARMOR TILE, ADA-C-2448 OR APPROVED EQUAL COLOR: YELLOW

CURB RAMP DETECTABLE WARNING
N.T.S.

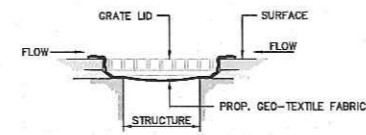


- NOTES:**
- TREES SHALL BE LOCATED IN THE FIELD PRIOR TO CONSTRUCTION.
 - WHERE SHOWN ON PLANS, INSTALL ROOT BARRIER ADJACENT TO SIDEWALKS AND CURBS, PER MANUFACTURER'S SPECIFICATION.
 - INSTALL BIO-BARRIER PER MANUFACTURER'S SPECIFICATION ADJACENT TO SIDEWALKS AND AS SHOWN ON THIS DETAIL IN PROXIMITY TO UNDERGROUND UTILITIES.

ROOT BARRIER
N.T.S.

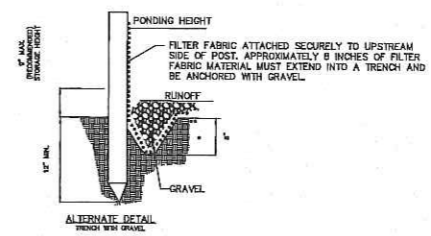
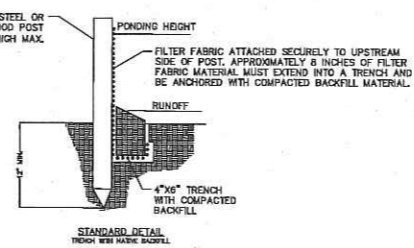
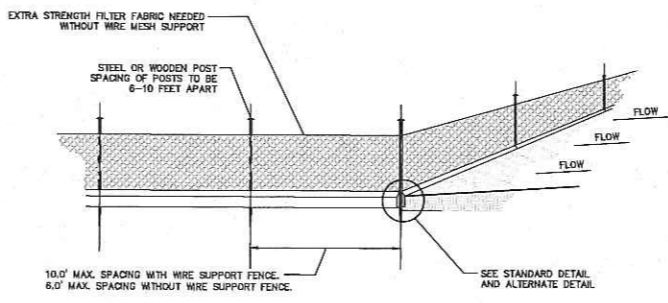


SAWCUT
N.T.S.



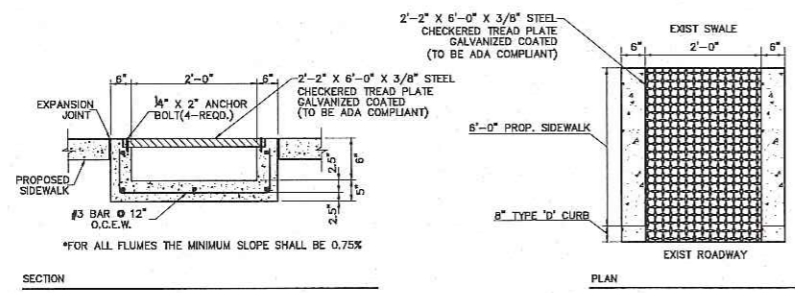
- NOTES:**
- CONTRACTOR SHALL PERFORM DAILY INSPECTIONS OF GEO-TEXTILE FABRIC BARRIER AND AS NECESSARY REPLACE OR REPAIR AS REQUIRED, SPECIFICALLY AFTER STORM EVENTS AND LARGE RAINFALL EVENTS.
 - SEDIMENTATION AND DEBRIS THAT ARE REMOVED FROM BARRIERS SHALL BE LEGALLY DISPOSED OF AT AN AUTHORIZED OFF-SITE DISPOSAL FACILITY.

CATCH BASIN SEDIMENT BARRIER DETAIL
N.T.S.



- NOTES:**
- INSPECT AND REPAIR SILT FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN NECESSARY.
 - REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFF-SITE AND CAN BE PERMANENTLY STABILIZED.
 - SILT FENCE SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE PONDING EFFICIENCY.

SILT FENCE SEDIMENT CONTROL
N.T.S.



CONCRETE FLUME WITH TREAD PLATE COVER
N.T.S.



No.	REVISIONS	DATE	BY

Kimley & Horn
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KHA PROJECT	044649022
DATE	DEC. 2018
SCALE	AS SHOWN
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DRAWN BY	TS
CHECKED BY	SV

VILLAGE OF PALMETTO BAY SRTS IMPROVEMENTS
 PREPARED FOR
 VILLAGE OF PALMETTO BAY
 FLORIDA DATE: 12/3/2019

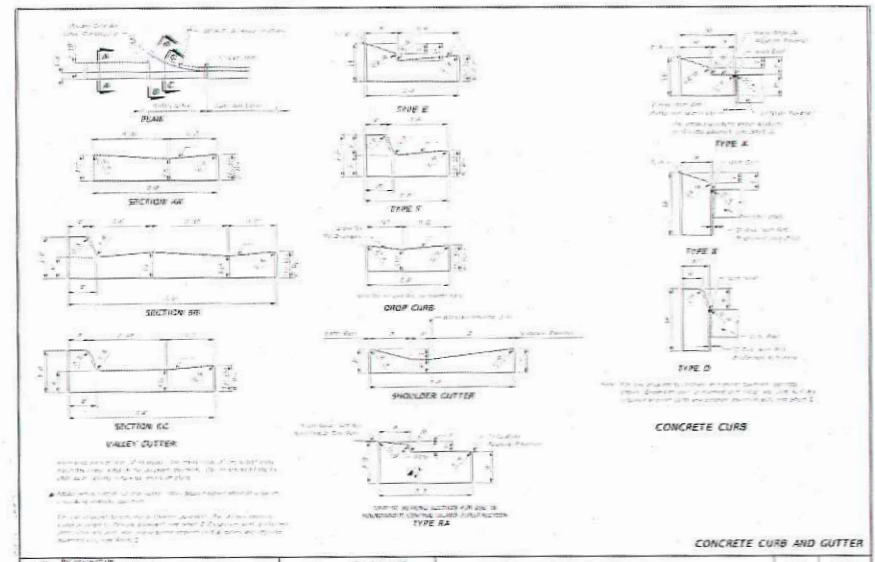
VILLAGE OF PALMETTO BAY
 FLORIDA DATE: 12/3/2019

CORAL REEF ELEMENTARY
 ENGINEERING DETAILS

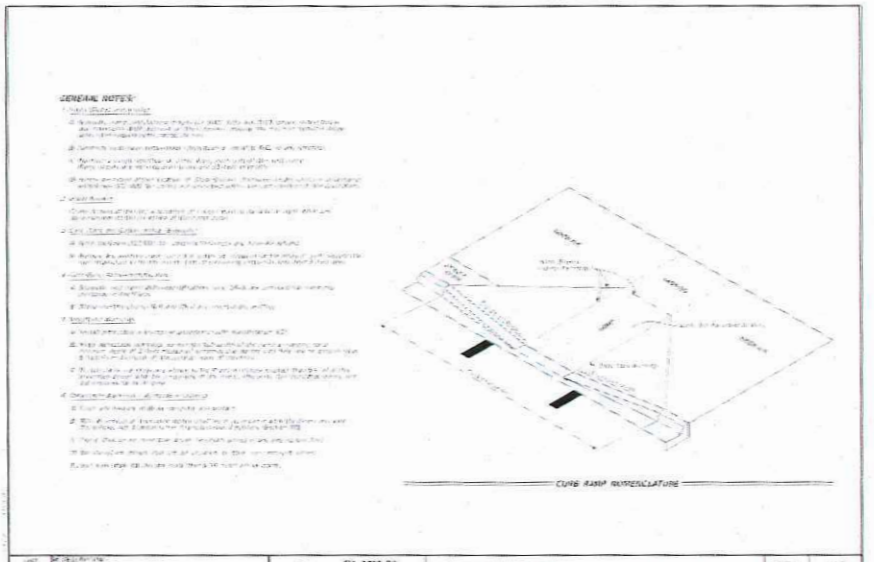
SHEET NUMBER
C400



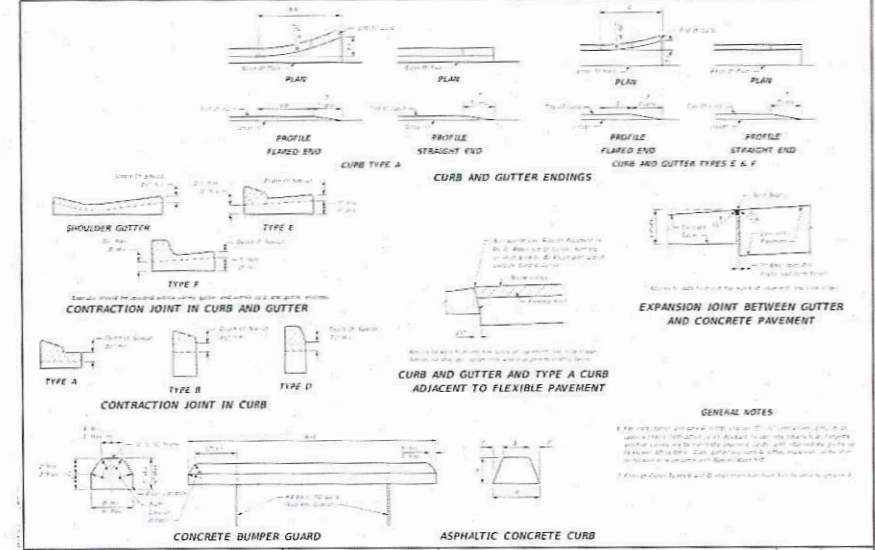
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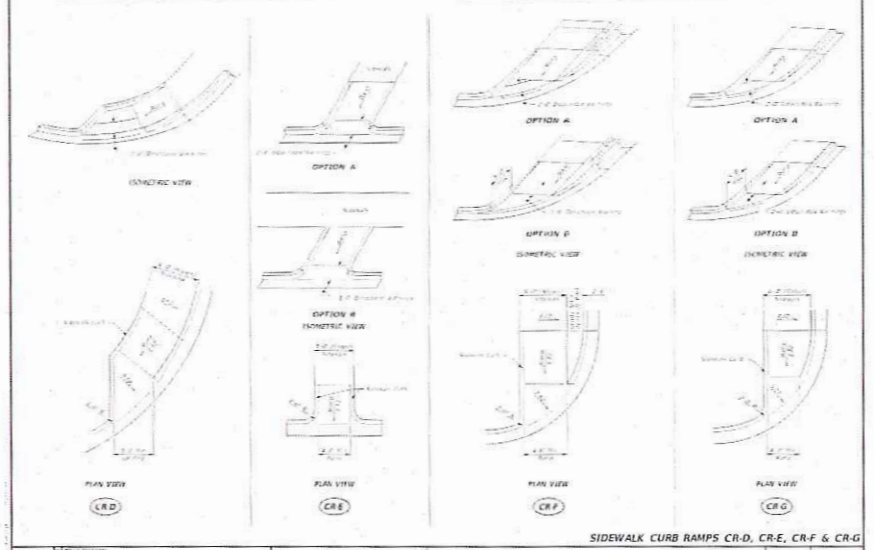
FDOT FY 2019-20 STANDARD PLANS CURB AND GUTTER 520-001 1 of 2



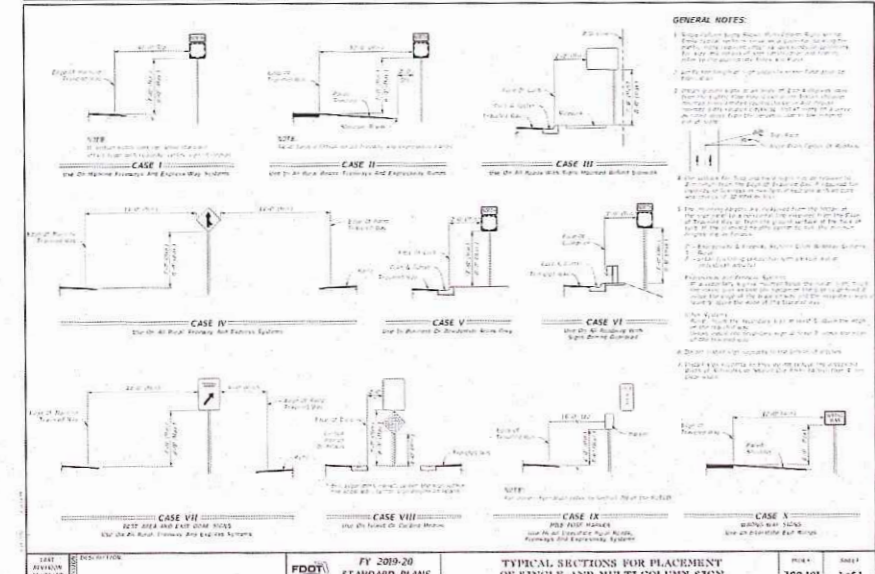
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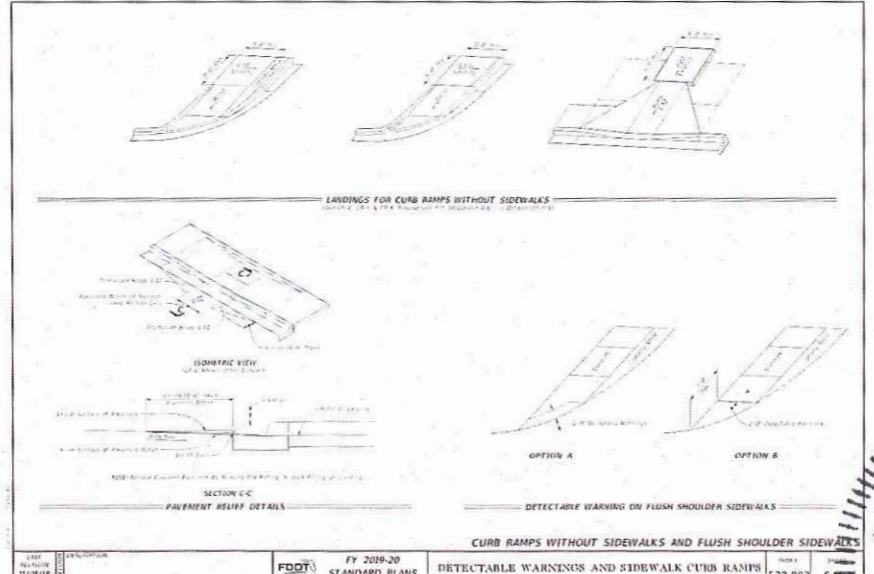
FDOT FY 2019-20 STANDARD PLANS CURB AND GUTTER 520-001 2 of 2



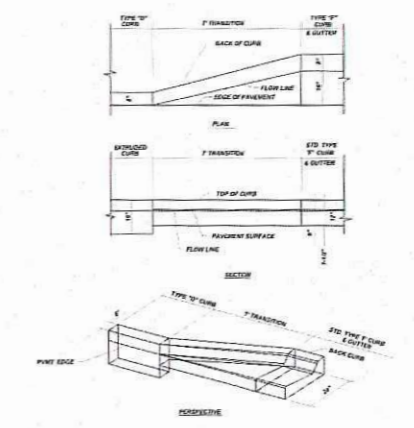
FDOT FY 2019-20 STANDARD PLANS DETECTABLE WARNINGS AND SIDEWALK CURB RAMPS 522-002 4 of 8



FDOT FY 2019-20 STANDARD PLANS TYPICAL SECTIONS FOR PLACEMENT 520-001 1 of 1



FDOT FY 2019-20 STANDARD PLANS DETECTABLE WARNINGS AND SIDEWALK CURB RAMPS 522-002 5 of 8



STANDARD CURB & GUTTER (TYPE "F") TO 6'x16' CONCRETE HEADER CURB TRANSITION



No.	REVISIONS	DATE	BY

Kimley»Horn
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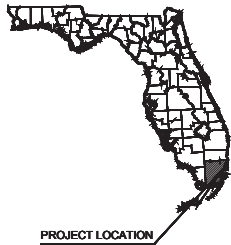
KHA PROJECT 044649022
 DATE DEC. 2018
 SCALE AS SHOWN
 DESIGNED BY MM
 DRAWN BY TS
 CHECKED BY SV
VILLAGE OF PALMETTO BAY SRIS IMPROVEMENTS
 PREPARED FOR
VILLAGE OF PALMETTO BAY
 FLORIDA DATE: 12/3/2019

SHEET NUMBER
C401
CORAL REEF ELEMENTARY ENGINEERING DETAILS

VILLAGE OF PALMETTO BAY SAFE ROUTES TO SCHOOL IMPROVEMENTS HOWARD DRIVE ELEMENTARY



NOVEMBER 2021



PROJECT LOCATION



PROJECT LOCATION
PROPOSED WORK THIS AREA REMOVED
FROM THE CONSTRUCTION CONTRACT.

Sheet List Table	
Sheet Number	Sheet Title
C000	Cover Sheet
C100	General Notes
C101	Stormwater Pollution Prevention Plan
C200	Key Sheet
C301	Engineering Plan
C302	Engineering Plan
C400	Engineering Details
C401	Engineering Details

UTILITY PROVIDERS

WATER AND SEWER: Palmetto Water and Sewer Department
1075 South Water & Sewer Department
Miami, FL 33136
Phone: (786) 265-5273
Contact: Lizbeth Guerra, P.E.

POWER: Florida Power and Light Company
12000 Coral Way
Miami, FL 33157
Phone: (305) 586-6403
Contact: Roger Aguilera

TELEPHONE: AT&T
3201 S. Rogers Circle
Doral, FL 33126
Phone: (305) 997-0240
Contact: Steve Fornagelli

GAS: Florida City Gas
2400 SW 77th Ave
Davie, FL 33317
Phone: (954) 636-3812 ext.3812
Contact: Terry Foster

FIBER OPTICS: Corenet Fiber
2500 W. Flagler Street
Miami, FL 33134
Phone: (786) 366-1024
Contact: Dany Hebert

STORM DRAINAGE: State, County, Public Works and
1101
13284 SW 120th Street
Miami, FL 33186
Contact: Catherine Vige

CABLE TELEVISION: Comcast Cable
10000
3601 SW 14th Ave
Miami, FL 33135
Phone: (305) 447-8405
Contact: Leonard Marwan-Nevada

GAS TRANSMISSION: Florida Gas Transmission
3601 SW 14th Ave
3600 Lumen Way
Miami, FL 33135
Phone: (305) 447-8405
Contact: Joseph Sanchez

DESIGN TEAM

CIVIL ENGINEER: George-Horn and Associates, Inc.
800 W. Lake Nona Road
Lake Nona, FL 32154
Phone: (954) 226-9100
Contact: Stefano F. Vito, P.E.

OWNER: Village of Palmetto Bay
8700 Lake Nona Road
Palmetto Bay, FL 33157
Phone: (305) 586-1234
Fax: (305) 586-1592
Contact: Diantha Torres

COMMUNITY OFFICIALS

Mayor	Karyn Cunningham
Vice-Mayor	John DuBois
Council Member	Patrick Fiore
Council Member	David Singer
Council Member	Marsha Matson
Manager	Edward Silva
Attorney	Dexter Lehtinen
Clerk	Missy Archa
Director of Public Works	Dionisio Torres

ATTENTION IS DIRECTED TO THE FACT THAT THESE PLANS MAY
HAVE BEEN REDUCED IN SIZE BY REPRODUCTION. THIS MUST BE
CONSIDERED WHEN OBTAINING SCALED DATA.



CONSTRUCTION PLANS

GENERAL CONSTRUCTION NOTES

- ALL WORK FOR THIS PROJECT SHALL BE COMPLETED WITHIN AND FROM EXISTING RIGHT-OF-WAY.
- COUNTY IN THESE NOTES REFERS TO MIAMI-DADE COUNTY, CITY OR VILLAGE IN THESE NOTES REFERS TO THE VILLAGE OF PALMETTO BAY, AND STATE IN THESE NOTES REFERS TO THE STATE OF FLORIDA.
- THE FOOT INDICES REFERRED TO IN THESE DRAWINGS AND NOTES REFERS TO FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND FDOT STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION.
- ALL WORK AND MATERIALS SHALL CONFORM TO THE LATEST STANDARDS, CODES, REGULATIONS AND SPECIFICATIONS OF THE CITY, COUNTY, STATE, AND FEDERAL CODES WHERE APPLICABLE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING ALL MATERIAL AND LABOR TO CONSTRUCT THE FACILITY AS SHOWN AND DESCRIBED IN THE CONSTRUCTION DOCUMENTS IN ACCORDANCE WITH THE APPROPRIATE APPROVING AUTHORITIES' REGULATIONS AND REQUIREMENTS. CONTRACTOR SHALL CLEAR AND GRUB ALL AREAS UNLESS OTHERWISE INDICATED, REMOVING STUMPS, ROOTS, MUCK, EXISTING PAVEMENT AND ALL OTHER DEleterious MATERIAL.
- THE INFORMATION PROVIDED IN THESE PLANS IS TO ASSIST THE CONTRACTOR IN ASSESSING THE NATURE AND EXTENT OF THE CONDITIONS WHICH MAY BE ENCOUNTERED DURING THE COURSE OF THE WORK. ALL CONTRACTORS ARE DIRECTED, PRIOR TO BIDDING, TO CONDUCT AN INVESTIGATION THEY DEEM NECESSARY TO ARRIVE AT THEIR OWN CONCLUSIONS REGARDING THE ACTUAL CONDITION THAT WILL BE ENCOUNTERED AND UPON WHICH THEIR BIDS WILL BE BASED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INVESTIGATE BOTH THE SURFACE AND SUBSURFACE CONDITIONS AND BASE HIS PRICING ACCORDINGLY.
- EXISTING UTILITIES SHOWN ARE LOCATED ACCORDING TO THE INFORMATION AVAILABLE TO THE ENGINEER AT THE TIME OF THE TOPOGRAPHIC SURVEY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR THE ENGINEER. GUARANTEES IS NOT MADE THAT ALL EXISTING UNDERGROUND UTILITIES ARE SHOWN OR THAT THE LOCATION OF THOSE SHOWN ARE ENTIRELY ACCURATE. FINDING THE ACTUAL LOCATION OF ANY EXISTING UTILITIES IS THE CONTRACTOR'S RESPONSIBILITY AND SHALL BE DONE BEFORE COMMENCING ANY WORK IN THE VILLAGE. FURTHERMORE, THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES TO THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES. THE OWNER OR ENGINEER WILL ASSUME NO LIABILITY FOR ANY DAMAGES SUSTAINED OR COST INCURRED BECAUSE OF THE OPERATIONS IN THE VICINITY OF EXISTING UTILITIES OR STRUCTURES, NOR FOR TEMPORARY BRACING AND SHORING OF SAME. IF IT IS NECESSARY TO SHORE, BRACE, SHIELD OR RELOCATE A UTILITY, THE UTILITY COMPANY OR DEPARTMENT AFFECTED SHALL BE CONTACTED AND THEIR PERMISSION OBTAINED REGARDING THE METHOD TO USE FOR SUCH WORK.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE VARIOUS UTILITY COMPANIES WHO MAY HAVE BURIED OR AERIAL UTILITIES WITHIN OR NEAR THE CONSTRUCTION AREA BEFORE COMMENCING WORK. THE CONTRACTOR SHALL PROVIDE 48 HOURS MINIMUM NOTICE TO ALL UTILITY COMPANIES PRIOR TO BEGINNING CONSTRUCTION.
- THE CONTRACTOR AND ENGINEER SHALL BE RESPONSIBLE FOR OBTAINING ALL REQUIRED CONSTRUCTION PERMITS AND BONDS IF REQUIRED PRIOR TO CONSTRUCTION. ADDITIONAL PERMITS MAY BE REQUIRED FOR MOVEMENT OF WATER METERS PER VILLAGE.
- THE CONTRACTOR SHALL HAVE AVAILABLE AT THE JOB SITE AT ALL TIMES ONE COPY OF THE CONSTRUCTION DOCUMENTS INCLUDING PLANS, SPECIAL CONDITIONS AND COPIES OF ANY REQUIRED CONSTRUCTION PERMITS.
- ANY DISCREPANCIES ON THE DRAWINGS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE OWNER AND ENGINEER BEFORE COMMENCING WORK. NO FIELD CHANGES OR DEVIATIONS FROM DESIGN ARE TO BE MADE WITHOUT PRIOR APPROVAL OF THE OWNER AND NOTIFICATION TO THE ENGINEER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING TO THE ENGINEER A CERTIFIED RECORD SURVEY SIGNED AND SEALED BY A PROFESSIONAL LAND SURVEYOR REGISTERED IN THE STATE OF FLORIDA DEPICTING THE ACTUAL FIELD LOCATION OF ALL CONSTRUCTED IMPROVEMENTS THAT ARE REQUIRED BY THE JURISDICTIONAL AGENCIES FOR THE CERTIFICATION PROCESS. ALL SURVEY COSTS WILL BE THE CONTRACTOR'S RESPONSIBILITY.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR DOCUMENTING AND MAINTAINING AS-BUILT INFORMATION WHICH SHALL BE RECORDED AS CONSTRUCTION PROGRESSES OR AT THE COMPLETION OF APPROPRIATE CONSTRUCTION INTERVALS AND SHALL BE RESPONSIBLE FOR PROVIDING AS-BUILT DRAWINGS TO THE OWNER FOR THE PURPOSE OF CERTIFICATION TO JURISDICTIONAL AGENCIES AS REQUIRED. ALL AS-BUILT DATA SHALL BE COLLECTED BY A STATE OF FLORIDA PROFESSIONAL LAND SURVEYOR WHOSE SERVICES ARE ENGAGED BY THE CONTRACTOR.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE THE MAINTENANCE OF TRAFFIC FOR THE ADJACENT PROPERTIES DURING CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS DO NOT CONFLICT WITH ANY KNOWN EXISTING OR OTHER PROPOSED IMPROVEMENTS. IF ANY CONFLICTS ARE DISCOVERED, THE CONTRACTOR SHALL NOTIFY THE OWNER PRIOR TO INSTALLATION OF ANY PORTION OF THE SITE WORK THAT WOULD BE AFFECTED. FAILURE TO NOTIFY OWNER OF AN IDENTIFIABLE CONFLICT PRIOR TO PROCEEDING WITH INSTALLATION RELIEVES OWNER OF ANY OBLIGATION TO PAY FOR A RELATED CHANGE ORDER.
- PRIOR TO GRAND OPENING THE CONTRACTOR SHALL:
 - ELIMINATE ALL DEBRIS IN THE LANDSCAPING AREAS
 - PRESURE CLEAN THE SIDEWALKS

- THE FOLLOWING FEDERAL AND STATE LISTED ANIMAL SPECIES COULD INHABIT OR MIGRATE THROUGH THE CONSTRUCTION AREA: FLORIDA BONNETED BAT (ENDANGERED), SCHAUSS SWALLOWTAIL BUTTERFLY (ENDANGERED), PINK FLOWER (THREATENED), AMERICAN CROCODILE (THREATENED), WEST INDIAN MANATEE (THREATENED).
- NO STAGING OR OTHER ACTIVITIES FOR THIS PROJECT WILL BE ALLOWED WITHIN OR ADJACENT TO THE CHARLES DEERING ESTATE, LOCATED ALONG SW 152ND STREET FROM SW 72ND AVENUE TO SW 168TH AVENUE.
- NO STAGING OR OTHER ACTIVITIES FOR THIS PROJECT WILL BE ALLOWED WITHIN OR ADJACENT TO THE BANKS OF THE CUTLER DRAIN CANAL, LOCATED JUST SOUTH OF THE SW 82ND AVENUE PROJECT LIMITS, OR MIAMI-DADE COUNTY PAIN AREA 294, LOCATED AT ON THE WEST SIDE OF SW 82ND AVENUE BETWEEN THE CUTLER DRAIN CANAL AND SW 159TH TERRACE.
- PROVIDE PROTECTION AROUND EXISTING TREES CONSISTENT WITH FDOT STANDARD PLANS INDEX 110-100.
- ROOT/TREE TRIMMING NOT ANTICIPATED FOR THIS PROJECT. SHOULD ROOT/TREE TRIMMING BE REQUIRED, CONTRACTOR TO NOTIFY THE VILLAGE IMMEDIATELY. CONTRACTOR TO TRIM ROOTS AND CANOPY OF TREES AT DIRECTION OF ISA CERTIFIED ARBORIST CONSISTENT WITH FDOT SPEC 110. CANOPY TRIMMING SHALL ENSURE VERTICAL CLEARANCE ABOVE WALKWAY TO BE ADA COMPLIANT.
- CONTRACTOR SHALL BE RESPONSIBLE FOR DOCUMENTING/RECORDING EXISTING SITE CONDITIONS USING PHOTOGRAPHS/VIDEO RECORDINGS PRIOR TO START OF CONSTRUCTION. CONTRACTOR TO PROVIDE COPY OF RECORDS TO VILLAGE AND ENGINEER OF RECORD FOR RECORD PURPOSES.

PAVING, GRADING AND DRAINAGE NOTES

- ALL PAVING, CONSTRUCTION, MATERIALS, AND WORKMANSHIP WITHIN JURISDICTION'S RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH LOCAL OR COUNTY SPECIFICATIONS AND STANDARDS (LATEST EDITION) OR FOOT SPECIFICATIONS AND STANDARDS (LATEST EDITION) IF NOT COVERED BY LOCAL OR COUNTY REGULATIONS.
- ALL UNPAVED AREAS DISTURBED BY CONSTRUCTION SHALL BE REGRADED AND REPAIRED WITH APPROPRIATE LANDSCAPING TO MATCH THAT OF SURROUNDING AREAS.
- BACKFILL MATERIAL FOR DISTURBED AREAS NOT TO BE COVERED BY PROP. SIDEWALK SHALL BE COMPACTED TO 95% OF THE MAXIMUM DENSITY AS DETERMINED BY ASSHTO T-180. DENSITY TESTING TO BE PERFORMED AT 100' INTERVALS.
- A 2" BLANKET OF TOP SOIL SHALL BE PLACED OVER ALL AREAS TO BE SOODED.
- SOD TYPE TO BE ST. AUGUSTINE. THE SOD SHALL BE PLACED ON THE GRADED TOP SOIL AND WATERED TO INSURE SATISFACTORY CONDITIONS UPON FINAL ACCEPTANCE OF THE PROJECT.
- TRAFFIC CONTROL ON ALL FDOT, LOCAL AND COUNTY RIGHTS-OF-WAY SHALL MEET THE REQUIREMENTS OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND THE REQUIREMENTS OF THE STATE AND ANY LOCAL AGENCY HAVING JURISDICTION. IN THE EVENT THAT THE CONTRACT DOCUMENTS AND THE JURISDICTIONAL AGENCY REQUIREMENTS ARE IN AGREEMENT, THE MOST STRINGENT SHALL GOVERN.
- THE CONTRACTOR SHALL INSTALL FILTER FABRIC OVER ALL DRAINAGE STRUCTURES CLOSEST OR WITHIN SIDEWALK IMPROVEMENT WORK. THE DURATION OF CONSTRUCTION AND UNTIL ACCEPTANCE OF THE PROJECT BY THE OWNER, ALL DRAINAGE STRUCTURES SHALL BE CLEANED OF DEBRIS AS REQUIRED DURING AND AT THE END OF CONSTRUCTION TO PROVIDE POSITIVE DRAINAGE FLOWS.
- STRIP TOPSOIL AND ORGANIC MATTER FROM ALL AREAS OF THE SITE AS REQUIRED. IN SOME CASES TOPSOIL MAY BE STOCKPILED ON SITE FOR PLACEMENT WITHIN LANDSCAPED AREAS BUT ONLY AS DIRECTED BY THE OWNER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTROL OF DUST AND DIRT RISING AND SCATTERING IN THE AIR DURING CONSTRUCTION AND SHALL PROVIDE WATER SPRINKLING OR OTHER SUITABLE METHODS OF CONTROL. THE CONTRACTOR SHALL COMPLY WITH ALL GOVERNING REGULATIONS PERTAINING TO ENVIRONMENTAL PROTECTION.
- THE CONTRACTOR SHALL TAKE ALL REQUIRED MEASURES TO CONTROL TURBIDITY, INCLUDING BUT NOT LIMITED TO THE INSTALLATION OF TURBIDITY BARRIERS AT ALL LOCATIONS WHERE THE POSSIBILITY OF TRANSPERING SUSPENDED SOLIDS INTO THE RECEIVING WATER BODY EXISTS DUE TO THE PROPOSED WORK. TURBIDITY BARRIERS MUST BE MAINTAINED IN EFFECTIVE CONDITION AT ALL LOCATIONS UNTIL CONSTRUCTION IS COMPLETED AND DISTURBED SOIL AREAS ARE STABILIZED. THEREAFTER, THE CONTRACTOR MUST REMOVE THE BARRIERS AT NO TIME SHALL THERE BE ANY OFF-SITE DISCHARGE WHICH VIOLATES THE WATER QUALITY STANDARDS IN CHAPTER 17-302, FLORIDA ADMINISTRATIVE CODE.
- ST. AUGUSTINE SOD, WHERE CALLED FOR, MUST BE INSTALLED AND MAINTAINED ON EXPOSED SLOPES WITHIN 48 HOURS OF COMPLETING FINAL GRADING, AND AT ANY OTHER TIMES AS NECESSARY, TO PREVENT EROSION, SEDIMENTATION OR TURBID DISCHARGES.

DEMOLITION NOTES

- ALL MATERIAL REMOVED FROM THIS SITE BY THE CONTRACTOR SHALL BE DISPOSED OF BY THE CONTRACTOR IN A LEGAL MANNER.
- CONTRACTOR SHALL ADJUST GRADE OF ANY EXISTING UTILITIES OR DRAINAGE STRUCTURES TO REMAIN AS APPLICABLE.

- CONTRACTOR TO REMOVE ALL EXISTING CURBING, ASPHALT PAVEMENT, LIMESTOCK, SUB-GRADE, SOD, AND LANDSCAPING WITHIN LIMITS OF DEMOLITION IN PREPARATION FOR PROPOSED ASPHALT PAVEMENT, CONCRETE, CURBING, AND/OR PAVERS.
- PAVEMENT REMOVAL TO INCLUDE ASPHALT, BASE, AND SUB-GRADE MATERIAL. THE INTENT OF THE DEMOLITION LIMITS IS TO DEPICT EXISTING FEATURES THAT ENCOMPASS THE PROPOSED CONSTRUCTION AREA AND ARE SCHEDULED FOR REMOVAL. SOME INCIDENTAL ITEMS MAY HAVE BEEN INADVERTENTLY OMITTED FROM THE LIMITS. THE CONTRACTOR IS ENCOURAGED TO THOROUGHLY INSPECT THE SITE AS WELL AS REVIEW THE PLANS AND SPECIFICATIONS PRIOR TO SUBMITTING PRICING. CONTRACTOR WILL NOT RECEIVE ADDITIONAL COMPENSATION FOR INCIDENTAL ITEMS NOT SHOWN WITHIN THE DEMOLITION LIMITS.
- THE DEMOLITION LIMITS ARE BASED ON AVAILABLE UTILITY INFORMATION AND MAY OR MAY NOT BE ALL INCLUSIVE FOR THIS SITE. ANY UTILITIES ENCOUNTERED DURING DEMOLITION THAT ARE NOT DEPICTED/ADDRESSED ON THIS DRAWING SHOULD BE BROUGHT TO THE ATTENTION OF THE PROJECT ENGINEER IMMEDIATELY.

EROSION CONTROL NOTES

- IF REQUIRED, ALL CONTRACTORS AND SUBCONTRACTORS INVOLVED WITH THIS PROJECT SHALL OBTAIN A COPY OF THE STATE OF FLORIDA NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM GENERAL PERMIT (NPDES PERMIT) AND BECOME FAMILIAR WITH THEIR CONTENTS.
- THE CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES AS REQUIRED BY THE SWPPP. ADDITIONAL BEST MANAGEMENT PRACTICES SHALL BE IMPLEMENTED AS DICTATED BY CONDITIONS AT NO ADDITIONAL COST TO THE OWNER THROUGHOUT ALL PHASES OF CONSTRUCTION.
- BEST MANAGEMENT PRACTICES (BMP'S) AND CONTROLS SHALL CONFORM TO FEDERAL, STATE, OR LOCAL REQUIREMENTS OR MANUAL OF PRACTICE, AS APPLICABLE. THE CONTRACTOR SHALL IMPLEMENT ADDITIONAL CONTROLS AS DIRECTED BY THE PERMITTING AGENCY OR OWNER.
- THE CONTRACTOR SHALL MINIMIZE CLEARING TO THE MAXIMUM EXTENT PRACTICAL OR AS REQUIRED BY THE GENERAL PERMIT.
- ALL WASH WATER (CONCRETE TRUCKS, VEHICLE CLEANING EQUIPMENT CLEANING, ETC.) SHALL BE DETAINED AND PROPERLY TREATED OR DISPOSED.
- SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLOTATION BOOMS SHALL BE MAINTAINED ON SITE OR READILY AVAILABLE TO CONTAIN AND CLEAN-UP FUEL OR CHEMICAL SPILLS AND LEAKS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR DUST CONTROL ON SITE. THE USE OF MOTOR OILS AND OTHER PETROLEUM BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION OPERATIONS IS PROHIBITED.
- RUBBISH, TRASH, GARBAGE, LITTER, OR OTHER SUCH MATERIALS SHALL BE DEPOSITED INTO SEALED CONTAINERS. MATERIALS SHALL BE PREVENTED FROM LEAVING THE PREMISES THROUGHOUT THE ACTION OF WIND OR STORM WATER DISCHARGE INTO DRAINAGE DITCHES OR WATERS OF THE STATE.
- STABILIZATION PRACTICES SHOULD BE INITIATED AS SOON AS PRACTICAL, BUT IN NO CASE MORE THAN 7 DAYS WHERE CONSTRUCTION HAS TEMPORARILY CEASED.
- DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS PERMANENTLY STOPPED SHALL BE PERMANENTLY SEEDED. THESE AREAS SHALL BE SEEDED NO LATER THAN 7 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY OCCURRED IN THESE AREAS. REFER TO SECTION 981 OF THE STANDARD SPECIFICATIONS FOR SEEDING AND MAINTENANCE REQUIREMENTS.
- IF THE ACTION OF VEHICLES TRAVELING OVER THE GRAVEL CONSTRUCTION ENTRANCES IS NOT SUFFICIENT TO REMOVE THE MAJORITY OF DIRT OR MUD, THEN THE TIRES MUST BE WASHED BEFORE THE VEHICLES ENTER A PUBLIC ROAD. IF WASHING IS USED, PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF THE SITE.
- ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED AS SOON AS POSSIBLE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING SEDIMENT IN THE DETENTION POND AND ANY SEDIMENT THAT MAY HAVE COLLECTED IN THE STORM SEWER DRAINAGE SYSTEMS IN CONJUNCTION WITH THE STABILIZATION OF THE SITE.
- ON-SITE & OFF SITE SOIL STOCKPILE AND BORROW AREAS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION THROUGH IMPLEMENTATION OF BEST MANAGEMENT PRACTICES. STOCKPILE AND BORROW AREA LOCATIONS SHALL BE NOTED ON THE EROSION CONTROL PLAN AND PERMITTED IN ACCORDANCE WITH GENERAL PERMIT REQUIREMENTS.
- ALL CONSTRUCTION SHALL BE STABILIZED AT THE END OF EACH WORKING DAY.

MAINTENANCE

- ALL MEASURES STATED ON THE PAVING, GRADING AND DRAINAGE SECTION AS WELL AS EROSION CONTROL SECTION, SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL NO LONGER REQUIRED FOR A COMPLETED PHASE OF WORK OR FINAL STABILIZATION OF THE SITE.
- CONTRACTOR TO PROVIDE SIDEWALK MUD DURING CONSTRUCTION. PLAN TO BE PROVIDED TO THE VILLAGE AND ENGINEER OR RECORD FOR REVIEW AND APPROVAL PRIOR TO PLACEMENT.
 - INLET PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED

- IF THEY SHOW SIGNS OF UNDERMINING, OR DETERIORATION.
- SILT FENCES SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE SILT FENCES WHEN IT REACHES ONE-HALF THE HEIGHT OF THE SILT FENCE.
 - THE CONSTRUCTION ENTRANCES SHALL BE MAINTAINED IN THE CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE CONSTRUCTION ENTRANCES AS CONDITIONS DEMAND.
 - THE TEMPORARY PARKING AND STORAGE AREA SHALL BE KEPT IN GOOD CONDITION (SUITABLE FOR PARKING AND STORAGE). THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE TEMPORARY PARKING AS CONDITIONS DEMAND.
 - OUTLET STRUCTURES IN THE SEDIMENTATION BASINS SHALL BE MAINTAINED IN OPERATIONAL CONDITIONS AT ALL TIMES. SEDIMENT SHALL BE REMOVED FROM SEDIMENTATION BASINS OR TRAPS WHEN THE DESIGN CAPACITY HAS BEEN REDUCED BY 25 CYCLES YARDS/ACRE.
 - TRAFFIC CONTROLS SHALL BE IN ACCORDANCE WITH PROJECT PLANS, FOOT ROADWAY AND TRAFFIC DESIGN STANDARD (INDEX 600 SERIES), THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AS MINIMUM CRITERIA.
 - THE ROADWAY MUST REMAIN OPEN TO TRAFFIC AT ALL TIMES.
 - THE CONTRACTOR MUST MAINTAIN ACCESS TO ALL DRIVEWAYS THROUGHOUT THE CONSTRUCTION DURATION.

TYPICAL ENGINEER OBSERVATIONS

CONTRACTOR SHALL NOTIFY ENGINEER 48 HOURS IN ADVANCE OF THE FOLLOWING ACTIVITIES:

- PRE-CONSTRUCTION MEETING, IF REQUIRED (SCHEDULED BY OWNER)
- SIDEWALK INSTALLATION
- ANY OTHER INSPECTION FOR WHICH A PERMITTING AGENCY REQUIRES THE ENGINEER TO BE PRESENT

RECORD DRAWINGS

- CONTRACTOR SHALL PROVIDE TO THE ENGINEER AND OWNER A MINIMUM OF 4 HARD COPIES OF A PAVING, GRADING AND DRAINAGE RECORD DRAWING AND A SEPARATE UTILITY RECORD DRAWING, AS WELL AS BOTH IN AUTOCAD 2007 OR LATER, BOTH PREPARED BY A FLORIDA REGISTERED SURVEYOR. THE RECORD DRAWINGS SHALL VERIFY ALL DESIGN INFORMATION INCLUDED ON THE DESIGN PLANS OF THE SAME NAME.

No.	REVISIONS	DATE	BY

Kimley»Horn
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 PHONE 954-535-5100 FAX 954-739-2247
 WWW.KIMLEY-HORN.COM CA 0008969

VILLAGE OF PALMETTO BAY SRTS IMPROVEMENTS
 PREPARED FOR
VILLAGE OF PALMETTO BAY

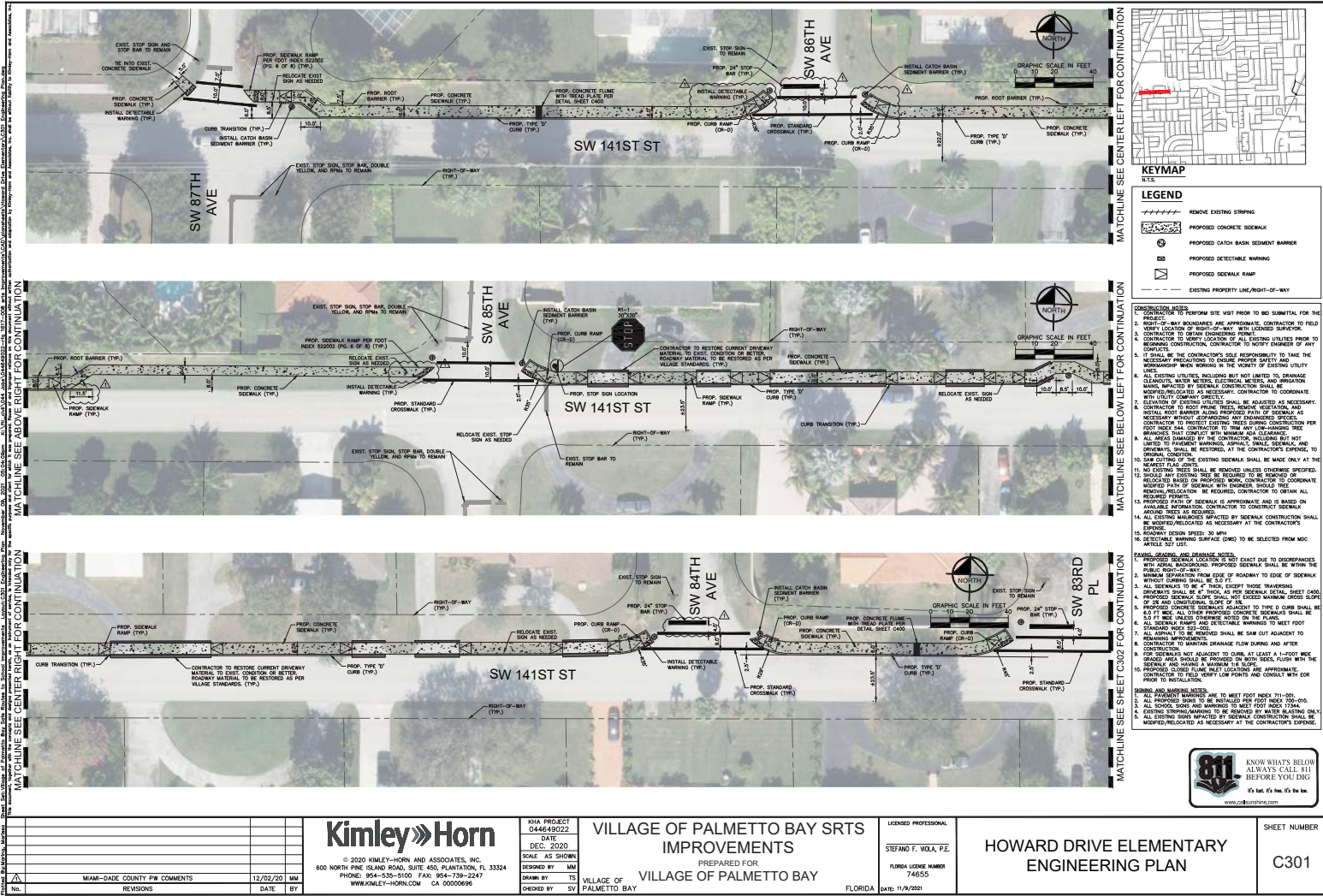
DATE: DEC. 2020
 DRAWN BY: TS
 CHECKED BY: SV
 SCALE: AS SHOWN
 DESIGNED BY: JAM

LICENSED PROFESSIONAL
STEFANO F. WOLA, P.E.
 FLORIDA LICENSE NUMBER 74655
 DATE: 11/9/2021

HOWARD DRIVE ELEMENTARY
GENERAL NOTES

SHEET NUMBER **C100**





NO.	REVISIONS	DATE	BY
1	MIAMI-DADE COUNTY PW COMMENTS	12/02/20	MM

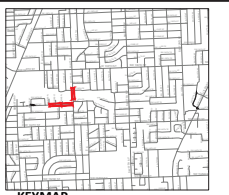
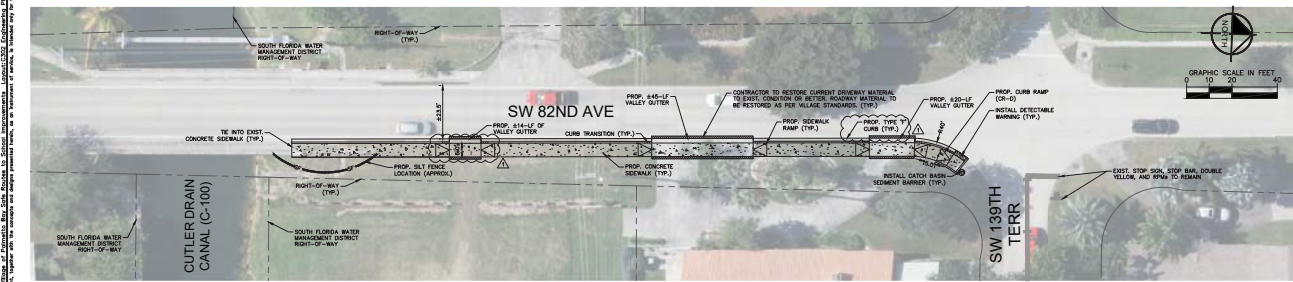
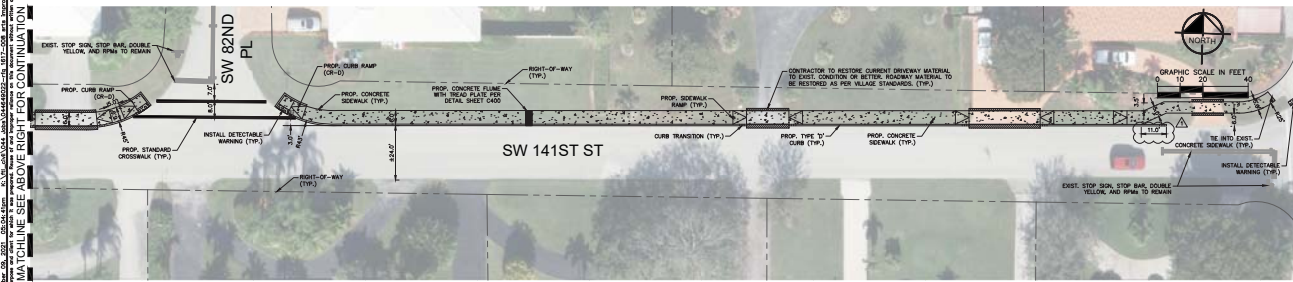
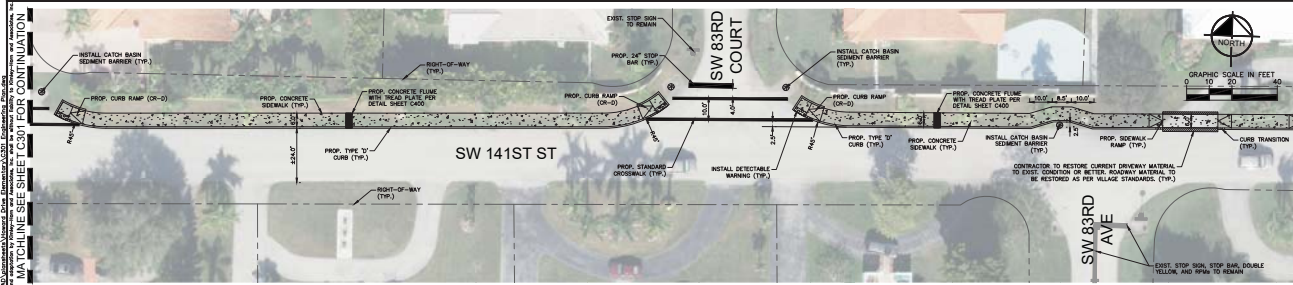
Kimley»Horn
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 600 NORTH PINE ISLAND ROAD, SUITE 450, PLANTATION, FL 33324
 PHONE: 954-355-5100 FAX: 954-739-2247
 WWW.KIMLEY-HORN.COM CA 50000816

VILLAGE OF PALMETTO BAY SRTS IMPROVEMENTS
 PREPARED FOR
VILLAGE OF PALMETTO BAY
 VILLAGE OF PALMETTO BAY
 FLORIDA

LICENSED PROFESSIONAL
STEFANO F. VOLA, P.E.
 FLORIDA LICENSE NUMBER
 74655
 DATE: 11/9/2021

HOWARD DRIVE ELEMENTARY ENGINEERING PLAN

SHEET NUMBER
C301



- LEGEND**
- REMOVE EXISTING STRIPING
 - PROPOSED CONCRETE SIDEWALK
 - PROPOSED CATCH BASIN SEDIMENT BARRIER
 - PROPOSED DETECTABLE WARNING
 - PROPOSED SIDEWALK RAMP
 - EXISTING PROPERTY LINE/RIGHT-OF-WAY

- CONSTRUCTION NOTES:**
1. CONTRACTOR TO VERIFY EXISTING UTILITIES PRIOR TO BID SUBMITTAL FOR THIS PROJECT.
 2. RIGHT-OF-WAY BOUNDARIES ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY LOCATION OF RIGHT-OF-WAY WITH LICENSED SURVEYOR.
 3. CONTRACTOR TO BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS PRIOR TO BEGINNING CONSTRUCTION. CONTRACTOR TO NOTIFY OWNERS OF ANY ADJACENT PROPERTIES OF THE LOCATION OF ALL UTILITIES.
 4. CONTRACTOR TO BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS TO EXISTING UTILITIES AND NECESSARY PRECAUTIONS TO ENSURE PROPER SAFETY AND PROTECT EXISTING UTILITIES FROM DAMAGE.
 5. EXISTING UTILITIES, INCLUDING BUT NOT LIMITED TO, DRAINAGE DRAINAGE, SHALL BE PROTECTED BY CONTRACTOR TO COORDINATE WITH UTILITY COMPANY(S).
 6. CONTRACTOR TO VERIFY LOCATION OF ALL UTILITIES PRIOR TO BEGINNING CONSTRUCTION. CONTRACTOR TO NOTIFY OWNERS OF ANY ADJACENT PROPERTIES OF THE LOCATION OF ALL UTILITIES.
 7. CONTRACTOR TO BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS TO EXISTING UTILITIES AND NECESSARY PRECAUTIONS TO ENSURE PROPER SAFETY AND PROTECT EXISTING UTILITIES FROM DAMAGE.
 8. ALL AREAS DAMAGED BY THE CONTRACTOR SHALL BE RESTORED TO ORIGINAL CONDITION.
 9. ALL AREAS DAMAGED BY THE CONTRACTOR SHALL BE RESTORED TO ORIGINAL CONDITION.
 10. ALL AREAS DAMAGED BY THE CONTRACTOR SHALL BE RESTORED TO ORIGINAL CONDITION.
 11. NO EXISTING TREES SHALL BE REMOVED UNLESS OTHERWISE SPECIFIED.
 12. SHOULD ANY EXISTING TREES BE REQUIRED TO BE REMOVED OR RELOCATED BASED ON PROPOSED WORK, CONTRACTOR TO COORDINATE WITH THE CITY OF PALMETTO BAY FOR TREE REMOVAL AND RELOCATION PERMITS.
 13. PROPOSED PATH OF SIDEWALK IS APPROXIMATE AND IS BASED ON AVAILABLE INFORMATION. CONTRACTOR TO CONDUCT SURVEY AND FIELD VERIFY LOCATION OF SIDEWALK AND NECESSARY PRECAUTIONS TO ENSURE PROPER SAFETY AND PROTECT EXISTING UTILITIES FROM DAMAGE.
 14. CONTRACTOR TO FIELD VERIFY LOCATION OF SIDEWALK AND NECESSARY PRECAUTIONS TO ENSURE PROPER SAFETY AND PROTECT EXISTING UTILITIES FROM DAMAGE.
 15. CONTRACTOR TO FIELD VERIFY LOCATION OF SIDEWALK AND NECESSARY PRECAUTIONS TO ENSURE PROPER SAFETY AND PROTECT EXISTING UTILITIES FROM DAMAGE.
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 18. CONTRACTOR TO FIELD VERIFY LOCATION OF SIDEWALK AND NECESSARY PRECAUTIONS TO ENSURE PROPER SAFETY AND PROTECT EXISTING UTILITIES FROM DAMAGE.
 19. CONTRACTOR TO FIELD VERIFY LOCATION OF SIDEWALK AND NECESSARY PRECAUTIONS TO ENSURE PROPER SAFETY AND PROTECT EXISTING UTILITIES FROM DAMAGE.
 20. CONTRACTOR TO FIELD VERIFY LOCATION OF SIDEWALK AND NECESSARY PRECAUTIONS TO ENSURE PROPER SAFETY AND PROTECT EXISTING UTILITIES FROM DAMAGE.

NO.	REVISIONS	DATE	BY

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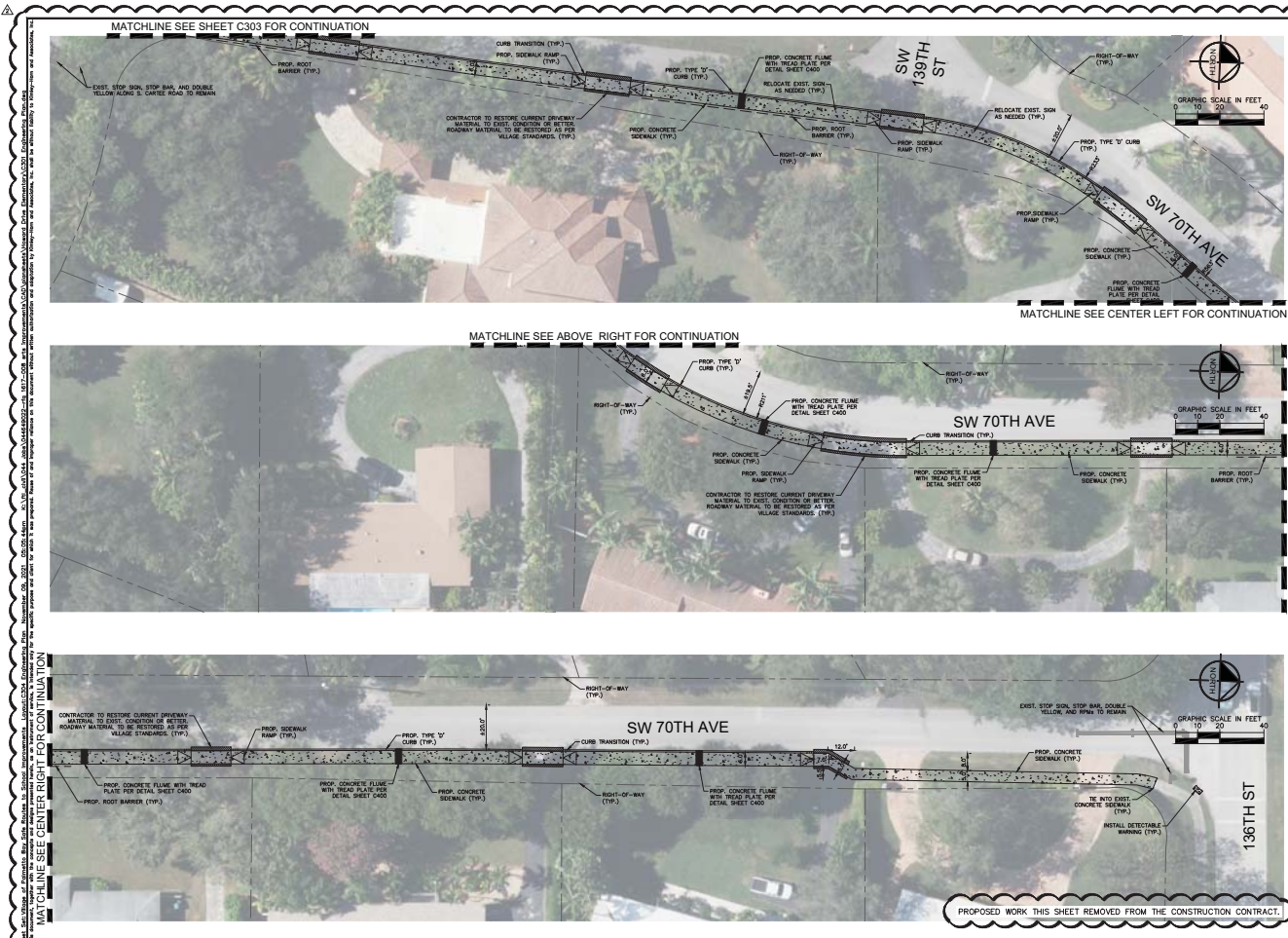
VILLAGE OF PALMETTO BAY SRTS IMPROVEMENTS
 PREPARED FOR
 VILLAGE OF PALMETTO BAY
 PALMETTO BAY, FLORIDA

LICENSED PROFESSIONAL
 STEFANO F. VOLA, P.E.
 FLORIDA LICENSE NUMBER
 74655
 DATE: 11/9/2021

HOWARD DRIVE ELEMENTARY ENGINEERING PLAN

SHEET NUMBER
 C302





- LEGEND**
- REMOVE EXISTING STRIPING
 - PROPOSED CONCRETE SIDEWALK
 - PROPOSED CATCH BASIN SEDIMENT BARRIER
 - ⊠ PROPOSED DETECTABLE WARNING
 - ▭ PROPOSED SIDEWALK RAMP
 - - - - - EXISTING PROPERTY LINE/RIGHT-OF-WAY

- CONSTRUCTION NOTES**
1. CONTRACTOR TO PERFORM SITE VISIT PRIOR TO BID SUBMITTAL FOR THIS PROJECT.
 2. RIGHT-OF-WAY BOUNDARIES ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY LOCATION OF RIGHT-OF-WAY WITH LICENSED SURVEYOR.
 3. CONTRACTOR TO OBTAIN NECESSARY PERMITS PRIOR TO BEGINNING CONSTRUCTION. CONTRACTOR TO NOTIFY ENGINEER OF ANY CHANGES TO THE OTHER SIDE OF ALL EXISTING UTILITIES PRIOR TO ANY NECESSARY RELOCATION TO ENSURE PROPER SAFETY AND THE WORKSHOPS ARE BEING DONE IN THE VICINITY OF EXISTING UTILITY LOCATIONS.
 4. IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO OBTAIN ALL NECESSARY PERMITS TO BE OBTAINED PRIOR TO THE START OF CONSTRUCTION.
 5. ALL EXISTING UTILITIES, INCLUDING BUT NOT LIMITED TO, DRAINAGE, WATER, AND GAS, SHALL BE IDENTIFIED AND MARKED PRIOR TO CONSTRUCTION. CONTRACTOR TO COORDINATE WITH UTILITY COMPANIES.
 6. CONTRACTOR TO MAINTAIN EXISTING UTILITIES AND TO REPAIR AND REPLACE ANY UTILITIES DAMAGED BY CONSTRUCTION. CONTRACTOR TO MAINTAIN EXISTING UTILITIES THROUGHOUT CONSTRUCTION.
 7. CONTRACTOR TO MAINTAIN EXISTING UTILITIES THROUGHOUT CONSTRUCTION.
 8. CONTRACTOR TO MAINTAIN EXISTING UTILITIES THROUGHOUT CONSTRUCTION.
 9. ALL AREAS DAMAGED BY THE CONTRACTOR SHALL BE RESTORED TO ORIGINAL CONDITION.
 10. ALL EXISTING TREES SHALL BE REMOVED UNLESS OTHERWISE SPECIFIED.
 11. CONTRACTOR TO MAINTAIN EXISTING TREES THROUGHOUT CONSTRUCTION.
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 19. CONTRACTOR TO MAINTAIN EXISTING TREES THROUGHOUT CONSTRUCTION.
 20. CONTRACTOR TO MAINTAIN EXISTING TREES THROUGHOUT CONSTRUCTION.
- EROSION, SEDIMENT, AND DRAINAGE NOTES**
1. PROPOSED SIDEWALK LOCATION IS EXACT DUE TO DISCREPANCIES WITH AERIAL PHOTOGRAPHY. PROPOSED SIDEWALK SHALL BE WITHIN THE PUBLIC RIGHT-OF-WAY.
 2. MINIMUM SEPARATION FROM EDGE OF ROADWAY TO EDGE OF SIDEWALK WITHOUT CURBING SHALL BE SIX (6) FEET.
 3. MINIMUM SEPARATION FROM EDGE OF ROADWAY TO EDGE OF SIDEWALK WITH CURBING SHALL BE SIX (6) FEET.
 4. SIDEWALKS SHALL BE 4" THICK, AS PER SIDEWALK DETAIL SHEET C303.
 5. PROPOSED SIDEWALK SHALL BE CONCRETE WITH A FINISH AS SHOWN ON THE DETAIL SHEET.
 6. PROPOSED SIDEWALK SHALL BE CONCRETE WITH A FINISH AS SHOWN ON THE DETAIL SHEET.
 7. ALL APPLICABLE TO BE RELOCATED SHALL BE SAW CUT ADJACENT TO REMAINING SIDEWALKS.
 8. CONTRACTOR TO MAINTAIN DRAINAGE FLOW DURING AND AFTER CONSTRUCTION.
 9. CONTRACTOR TO MAINTAIN DRAINAGE FLOW DURING AND AFTER CONSTRUCTION.
 10. CONTRACTOR TO MAINTAIN DRAINAGE FLOW DURING AND AFTER CONSTRUCTION.
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 19. CONTRACTOR TO MAINTAIN DRAINAGE FLOW DURING AND AFTER CONSTRUCTION.
 20. CONTRACTOR TO MAINTAIN DRAINAGE FLOW DURING AND AFTER CONSTRUCTION.
- MARKING AND WARNING NOTES**
1. ALL PROPOSED MARKING TO BE INSTALLED PER FOOT INDEX 200-010.
 2. ALL EXISTING MARKING TO BE REMOVED PER FOOT INDEX 200-010.
 3. CONTRACTOR TO MAINTAIN EXISTING MARKING THROUGHOUT CONSTRUCTION.
 4. CONTRACTOR TO MAINTAIN EXISTING MARKING THROUGHOUT CONSTRUCTION.
 5. CONTRACTOR TO MAINTAIN EXISTING MARKING THROUGHOUT CONSTRUCTION.
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 19. CONTRACTOR TO MAINTAIN EXISTING MARKING THROUGHOUT CONSTRUCTION.
 20. CONTRACTOR TO MAINTAIN EXISTING MARKING THROUGHOUT CONSTRUCTION.

MATCHLINE SEE CENTER LEFT FOR CONTINUATION

MATCHLINE SEE BELOW LEFT FOR CONTINUATION

PROPOSED WORK THIS SHEET REMOVED FROM THE CONSTRUCTION CONTRACT.

NO.	REVISIONS	DATE	BY
1	REMOVED FROM THE CONSTRUCTION CONTRACT	09/20/21	MM
2	MIAMI-DADE COUNTY PW COMMENTS	12/02/20	MM

Kimley-Horn

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WWW.KIMLEY-HORN.COM CA 00000696

VILLAGE OF PALMETTO BAY SRTS IMPROVEMENTS

PREPARED FOR
VILLAGE OF PALMETTO BAY

VILLAGE OF PALMETTO BAY
PALMETTO BAY
FLORIDA

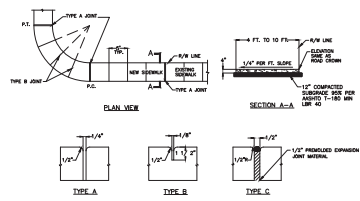
LICENSED PROFESSIONAL
STEFANO F. VOLA, P.E.
FLORIDA LICENSE NUMBER
74655
DATE: 11/9/2021

HOWARD DRIVE ELEMENTARY ENGINEERING PLAN

SHEET NUMBER
C304



1. THE INFORMATION CONTAINED HEREIN IS THE PROPERTY OF KIMLEY-HORN AND ASSOCIATES, INC. (KHA) AND IS NOT TO BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF KHA. 2. THE INFORMATION CONTAINED HEREIN IS FOR THE EXCLUSIVE USE OF THE CLIENT AND IS NOT TO BE USED FOR ANY OTHER PROJECT OR FOR ANY OTHER PURPOSE. 3. THE INFORMATION CONTAINED HEREIN IS NOT TO BE USED AS A BASIS FOR LIABILITY OR AS A DEFENSE IN ANY LITIGATION. 4. THE INFORMATION CONTAINED HEREIN IS NOT TO BE USED AS A BASIS FOR LIABILITY OR AS A DEFENSE IN ANY LITIGATION. 5. THE INFORMATION CONTAINED HEREIN IS NOT TO BE USED AS A BASIS FOR LIABILITY OR AS A DEFENSE IN ANY LITIGATION.



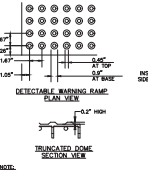
- NOTES:**
1. PLACE REINFORCING WIRE MESH IN THE PORTION OF THE SIDEWALK THAT CROSSES THE DRIVEWAY ONLY.
 2. STRENGTHEN SIDEWALK TO BE 3000 PSI @ 28 DAYS
 3. CONCRETE FOR SIDEWALK AT DRIVEWAYS AND LOADING ZONES SHALL BE 4000 PSI @ 28 DAYS (HEAVY DUTY)
 4. CURB: ALL CONCRETE WITH CLEAR GEL, PLASTIC MEMBRANE, OR OTHER APPROVED METHOD.

SIDEWALK DESIGN STANDARDS
N.T.S.

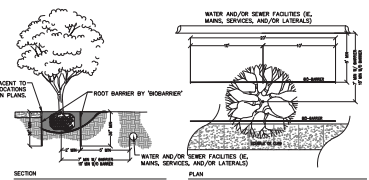
TABLE OF SIDEWALK THICKNESS - T	
LOCATION	THICKNESS - T
EXPANDED SIDEWALK	4"
AT DRIVEWAYS AND OTHER MESH	4"

TABLE OF SIDEWALK JOINTS	
LOCATION	TYPE OF JOINT
A	1/2" COMPACTED SANDSTONE FOR APPROX 1'-6" MIN. SPAN
B	1/2" COMPACTED SANDSTONE FOR APPROX 1'-6" MIN. SPAN
C	1/2" ANCHORED EXPANSION JOINT WITHIN

- GENERAL NOTES FOR CURB RAMP DETECTABLE WARNING:**
1. DETECTABLE WARNING PER FOOT INDEX 500A
 2. CURB RAMP MUST CONTAIN A DETECTABLE WARNING SURFACE THAT CONSISTS OF RAISED TRUNCATED CONES. THE SURFACE MUST CONTRAST VISUALLY WITH ADJACENT SURFACES, INCLUDING SIDE FLEETS.
 3. DETECTABLE WARNING SURFACE MUST BE SLIP RESISTANT AND NOT ALLOW WATER TO ACCUMULATE.
 4. ALTERNATE WARNING CONES IN THE DIRECTION OF PEDESTRIAN TRAVEL WHEN EXTERIOR SIDE ROUTE.
 5. DETECTABLE WARNING SURFACES SHALL BE A MINIMUM OF 24" IN DEPTH TO THE EXTENSION OF PEDESTRIAN TRAVEL AND 6" MIN. BEYOND THE CURB RAMP LANDING WHERE THE PEDESTRIAN ACCESS ROUTE EXTENDS THE STREET.
 6. DETECTABLE WARNING SURFACES SHALL BE LOCATED SO THAT THE EDGE NEAREST THE CURB IS A MINIMUM OF 4" AND A MAXIMUM OF 10" FROM THE EXTENSION OF THE FACE OF A RAISED DETECTABLE WARNING SURFACE MAY BE CONSIDERED AS THE CURB EDGE.
 7. DETECTABLE WARNING SURFACES SHALL BE CONSTRUCTED OF APPROX. 1/4" INCH SPACING IN PLACE TILES OR APPROVED EQUAL.
 8. DETECTABLE WARNING SURFACE TO BE SELECTED FROM MEC ARTICLE 537 LIST.

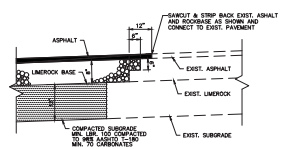


CURB RAMP DETECTABLE WARNING
N.T.S.

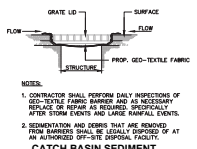


- NOTES:**
1. TREES SHALL BE LOCATED IN THE FIELD PRIOR TO CONSTRUCTION.
 2. WHERE SHOWN ON PLANS, INSTALL ROOT BARRIER ADJACENT TO SIDEWALKS AND CURBS, PER MANUFACTURER'S SPECIFICATION.
 3. INSTALL ROOT BARRIER FOR MANUFACTURER'S SPECIFICATION ADJACENT TO SIDEWALKS AND AS SHOWN ON THIS DETAIL IN PROXIMITY TO UNDERGROUND UTILITIES.

ROOT BARRIER
N.T.S.

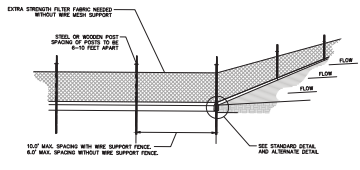


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N.T.S.



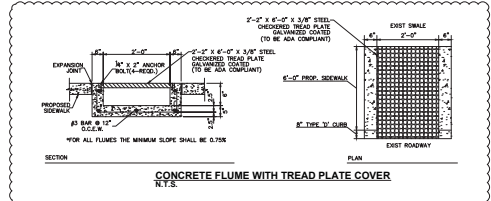
- NOTES:**
1. CONTRACTOR SHALL PERFORM DAILY INSPECTIONS OF GEO-TEXTILE FABRIC BARRIERS AND AS NECESSARY REPAIR OR REPLACE AS REQUIRED IMMEDIATELY AFTER STORM EVENTS AND OTHER HAZARDOUS EVENTS.
 2. SEDIMENTATION AND OTHERS THAT ARE REMOVED FROM BARRIERS SHALL BE LEGALLY DISPOSED OF AT AN APPROVED OFF-SITE DISPOSAL FACILITY.

CATCH BASIN SEDIMENT BARRIER DETAIL
N.T.S.



- NOTES:**
1. INSPECT AND REPAIR SILTY FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN NECESSARY.
 2. REMOVED SEDIMENT SHALL BE DEPOSITED TO ALL AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFF-SITE AND OR BE PERMANENTLY STABILIZED.
 3. SILTY FENCE SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE FLOODING EFFICIENCY.

SILTY FENCE SEDIMENT CONTROL
N.T.S.



CONCRETE FLUME WITH TREAD PLATE COVER
N.T.S.



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KHA PROJECT	044649022
DATE	DEC. 2020
SCALE	AS SHOWN
DESIGNED BY	JAM
DRAWN BY	TS
CHECKED BY	SV

VILLAGE OF PALMETTO BAY SRTS IMPROVEMENTS
 PREPARED FOR
VILLAGE OF PALMETTO BAY

LICENSED PROFESSIONAL
STEFANO F. WOLA, P.E.
 FLORIDA LICENSE NUMBER
 74655
 DATE: 11/9/2021
 FLORIDA

HOWARD DRIVE ELEMENTARY ENGINEERING DETAILS

SHEET NUMBER
C400

NO.	REVISIONS	DATE	BY

<p>CONCRETE CURB AND GUTTER</p>	<p>GENERAL NOTES</p> <p>CONCRETE CURB AND GUTTER</p>	<p>STANDARD CURB & GUTTER (TYPE "F") TO 8"x18" CONCRETE HEADER CURB TRANSITION</p>
<p>CONCRETE CURB AND GUTTER</p> <p>CONCRETE CURB AND GUTTER ENDINGS</p>	<p>DETECTABLE WARNING AND FERRALL CURB RAMPS</p>	<p>DETECTABLE WARNING AND FERRALL CURB RAMPS</p>
<p>CONCRETE CURB AND GUTTER</p> <p>VERTICAL CURB AND GUTTER</p>	<p>DETECTABLE WARNING AND FERRALL CURB RAMPS</p>	<p>DETECTABLE WARNING AND FERRALL CURB RAMPS</p>

NO.	REVISIONS	DATE	BY

Kimley»Horn

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 WWW.KIMLEY-HORN.COM CA 0000696

KHA PROJECT
 044648022
 DATE: DEC. 2020
 DRAWN BY: TS
 CHECKED BY: SV

VILLAGE OF PALMETTO BAY SRTS IMPROVEMENTS
 PREPARED FOR: VILLAGE OF PALMETTO BAY

FLORIDA

LICENSED PROFESSIONAL
 STEFANO F. WOLA, P.E.
 FLORIDA LICENSE NUMBER: 74655
 DATE: 11/9/2021

HOWARD DRIVE ELEMENTARY ENGINEERING DETAILS

SHEET NUMBER
C401

VILLAGE OF PALMETTO BAY SAFE ROUTES TO SCHOOL IMPROVEMENTS PERRINE ELEMENTARY



DECEMBER 2019

UTILITY PROVIDERS

WATER AND SEWER:
Miami-Dade Water & Sewer Department
3575 South Leuane Road
Miami, FL 33146
Phone: (786) 288-5273
Contact: Lazaro Guerra, P.E.

POWER:
Florida Power and Light Company
10705 Quail Roost Drive
Miami, FL 33157
Phone: (386) 585-6403
Contact: Edgar Aguilar

TELEPHONE:
AT&T
1120 S. Rogers Circle
Boca Raton, FL 33467
Phone: (561) 997-0240
Contact: Dino Ferruggio

GAS:
Florida City Gas
4045 NW 97th Ave
Doral, FL 33178
Phone: (305) 835-3612 x63812
Contact: Harry Rocha

FIBER OPTICS
Crown Castle Fiber
9250 W. Flagler Street
Miami, FL 33174
Phone: (786) 310-7074
Contact: Danny Hawkett

STORM DRAINAGE
Dade County Public Works and
Traffic
13204 SW 120th Street
Miami, FL 33186
Phone: (305) 412-0891
Contact: Octavio Vidal

CABLE TELEVISION:
Comcast Cable
2801 SW 145th Ave
Miami, FL 33227
Phone: (954) 447-8405
Contact: Leonard Maxwell-Newbold

DESIGN TEAM

CIVIL ENGINEER
Kinlay-Horn and Associates, Inc.
600 N. Pine Island Road
Suite 400
Ft. Lauderdale, FL 33324
Phone: (954) 535-0100
Contact: Stefano F. Viola, P.E.

OWNER
Village of Palmetto Bay
9705 East Hibiscus Street
Palmetto Bay, FL 33157
Phone: (305) 259-1234
Fax: (305) 259-1290
Contact: Dionisio Torres



GRAPHIC SCALE IN FEET
0 500 1000 2000

VICINITY MAP

Sheet List Table	
Sheet Number	Sheet Title
C000	Cover Sheet
C100	General Notes
C101	Stormwater Pollution Prevention Plan
C200	Key Sheet
C301	Engineering Plan
C302	Engineering Plan
C303	Engineering Plan
C400	Engineering Details
C401	Engineering Details

APPROVED

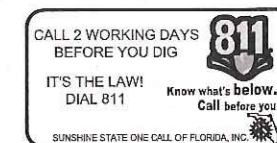
JAN 13 2020

TRAFFIC ENGINEERING DIVISION
MIAMI-DADE COUNTY
TRANSPORTATION & PUBLIC WORKS

COMMUNITY OFFICIALS

Mayor	Karyn Cunningham
Vice-Mayor	John DuBois
Council Member	Patrick Fiore
Council Member	David Singer
Council Member	Marsha Matson
Manager	Edward Silva
Attorney	Dexter Lehtinen
Clerk	Missy Arocha
Director of Public Works	Dionisio Torres

ATTENTION IS DIRECTED TO THE FACT THAT THESE PLANS MAY HAVE BEEN REDUCED IN SIZE BY REPRODUCTION. THIS MUST BE CONSIDERED WHEN OBTAINING SCALED DATA.



CONSTRUCTION PLANS

GENERAL CONSTRUCTION NOTES

- ALL WORK FOR THIS PROJECT SHALL BE COMPLETED WITHIN AND FROM EXISTING RIGHT-OF-WAY.
- COUNTY IN THESE NOTES REFERS TO MIAMI-DADE COUNTY, CITY OR VILLAGE IN THESE NOTES REFERS TO THE VILLAGE OF PALMETTO BAY, AND STATE IN THESE NOTES REFERS TO THE STATE OF FLORIDA.
- THE FDOT INDICES REFERRED TO IN THESE DRAWINGS AND NOTES REFERS TO FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND FDOT STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION.
- ALL WORK AND MATERIALS SHALL CONFORM TO THE LATEST STANDARDS, CODES, REGULATIONS AND SPECIFICATIONS OF THE CITY, COUNTY, STATE, AND FEDERAL CODES WHERE APPLICABLE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING ALL MATERIAL AND LABOR TO CONSTRUCT THE FACILITY AS SHOWN AND DESCRIBED IN THE CONSTRUCTION DOCUMENTS IN ACCORDANCE WITH THE APPROPRIATE APPROVING AUTHORITIES, SPECIFICATIONS AND REQUIREMENTS. CONTRACTOR SHALL CLEAR AND GRUB ALL AREAS UNLESS OTHERWISE INDICATED, REMOVING STUMPS, ROOTS, MUCK, EXISTING PAVEMENT AND ALL OTHER DELETERIOUS MATERIAL.
- THE INFORMATION PROVIDED IN THESE PLANS IS TO ASSIST THE CONTRACTOR IN ASSESSING THE NATURE AND EXTENT OF THE CONDITIONS WHICH MAY BE ENCOUNTERED DURING THE COURSE OF THE WORK. ALL CONTRACTORS ARE DIRECTED, PRIOR TO BIDDING, TO CONDUCT ANY INVESTIGATION THEY DEEM NECESSARY TO ARRIVE AT THEIR OWN CONCLUSIONS REGARDING THE ACTUAL CONDITION THAT WILL BE ENCOUNTERED AND UPON WHICH THEIR BIDS WILL BE BASED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INVESTIGATE BOTH THE SURFACE AND SUBSURFACE CONDITIONS AND BASE HIS PRICING ACCORDINGLY.
- EXISTING UTILITIES SHOWN ARE LOCATED ACCORDING TO THE INFORMATION AVAILABLE TO THE ENGINEER AT THE TIME OF THE TOPOGRAPHIC SURVEY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR THE ENGINEER. GUARANTEE IS NOT MADE THAT ALL EXISTING UNDERGROUND UTILITIES ARE SHOWN OR THAT THE LOCATION OF THOSE SHOWN ARE ENTIRELY ACCURATE. FINDING THE ACTUAL LOCATION OF ANY EXISTING UTILITIES IS THE CONTRACTOR'S RESPONSIBILITY AND SHALL BE DONE BEFORE COMMENCING ANY WORK IN THE VICINITY. FURTHERMORE, THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES DUE TO THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES. THE OWNER OR ENGINEER WILL ASSUME NO LIABILITY FOR ANY DAMAGES SUSTAINED OR COST INCURRED BECAUSE OF THE OPERATIONS IN THE VICINITY OF EXISTING UTILITIES OR STRUCTURES, NOR FOR TEMPORARY BRACING AND SHORING OF SAME. IF IT IS NECESSARY TO SHORE, BRACE, SWING OR RELOCATE A UTILITY, THE UTILITY COMPANY OR DEPARTMENT AFFECTED SHALL BE CONTACTED AND THEIR PERMISSION OBTAINED REGARDING THE METHOD TO USE FOR SUCH WORK.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE VARIOUS UTILITY COMPANIES WHICH MAY HAVE BURIED OR AERIAL UTILITIES WITHIN OR NEAR THE CONSTRUCTION AREA BEFORE COMMENCING WORK. THE CONTRACTOR SHALL PROVIDE 48 HOURS MINIMUM NOTICE TO ALL UTILITY COMPANIES PRIOR TO BEGINNING CONSTRUCTION.
- THE CONTRACTOR AND ENGINEER SHALL BE RESPONSIBLE FOR OBTAINING ALL REQUIRED CONSTRUCTION PERMITS AND BONDS IF REQUIRED PRIOR TO CONSTRUCTION. ADDITIONAL PERMITS MAY BE REQUIRED FOR MOVEMENT OF WATER METERS PER VILLAGE.
- THE CONTRACTOR SHALL HAVE AVAILABLE AT THE JOB SITE AT ALL TIMES ONE COPY OF THE CONSTRUCTION DOCUMENTS INCLUDING PLANS, SPECIAL CONDITIONS AND COPIES OF ANY REQUIRED CONSTRUCTION PERMITS.
- ANY DISCREPANCIES ON THE DRAWINGS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE OWNER AND ENGINEER BEFORE COMMENCING WORK. NO FIELD CHANGES OR DEVIATIONS FROM DESIGN ARE TO BE MADE WITHOUT PRIOR APPROVAL OF THE OWNER AND NOTIFICATION TO THE ENGINEER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING TO THE ENGINEER A CERTIFIED RECORD SURVEY SIGNED AND SEALED BY A PROFESSIONAL LAND SURVEYOR REGISTERED IN THE STATE OF FLORIDA DEPICTING THE ACTUAL FIELD LOCATION OF ALL CONSTRUCTED IMPROVEMENTS THAT ARE REQUIRED BY THE JURISDICTIONAL AGENCIES FOR THE CERTIFICATION PROCESS. ALL SURVEY COSTS WILL BE THE CONTRACTORS RESPONSIBILITY.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR DOCUMENTING AND MAINTAINING AS-BUILT INFORMATION WHICH SHALL BE RECORDED AS CONSTRUCTION PROGRESSES OR AT THE COMPLETION OF APPROPRIATE CONSTRUCTION INTERVALS AND SHALL BE RESPONSIBLE FOR PROVIDING AS-BUILT DRAWINGS TO THE OWNER FOR THE PURPOSE OF CERTIFICATION TO JURISDICTIONAL AGENCIES AS REQUIRED. ALL AS-BUILT DATA SHALL BE COLLECTED BY A STATE OF FLORIDA PROFESSIONAL LAND SURVEYOR WHOSE SERVICES ARE ENGAGED BY THE CONTRACTOR.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE THE MAINTENANCE OF TRAFFIC FOR THE ADJACENT PROPERTIES DURING CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS DO NOT CONFLICT WITH ANY KNOWN EXISTING OR OTHER PROPOSED IMPROVEMENTS. IF ANY CONFLICTS ARE DISCOVERED, THE CONTRACTOR SHALL NOTIFY THE OWNER PRIOR TO INSTALLATION OF ANY PORTION OF THE SITE WORK THAT WOULD BE AFFECTED. FAILURE TO NOTIFY OWNER OF AN IDENTIFIABLE CONFLICT PRIOR TO PROCEEDING WITH INSTALLATION RELIEVES OWNER OF ANY OBLIGATION TO PAY FOR A RELATED CHANGE ORDER.
- PRIOR TO GRAND OPENING THE CONTRACTOR SHALL:
 - ELIMINATE ALL DEBRIS IN THE LANDSCAPING AREAS
 - PRESSURE CLEAN THE SIDEWALKS

- THE FOLLOWING FEDERAL AND STATE LISTED ANIMAL SPECIES COULD INHABIT OR MIGRATE THROUGH THE CONSTRUCTION AREA: FLORIDA BONNETED BAT (ENDANGERED), SCHAUSS SWALLOWTAIL BUTTERFLY (ENDANGERED), PIPING PLOVER (THREATENED), AMERICAN CROCODILE (THREATENED), WEST INDIAN MANATEE (THREATENED).
- NO STAGING OR OTHER ACTIVITIES FOR THIS PROJECT WILL BE ALLOWED WITHIN OR ADJACENT TO THE CHARLES DEERING ESTATE, LOCATED ALONG SW 152ND STREET FROM SW 72ND AVENUE TO SW 168TH AVENUE.
- NO STAGING OR OTHER ACTIVITIES FOR THIS PROJECT WILL BE ALLOWED WITHIN OR ADJACENT TO THE BANKS OF THE CUTLER DRAIN CANAL, LOCATED JUST SOUTH OF THE SW 82ND AVENUE PROJECT LIMITS, OR MIAMI-DADE COUNTY PARK AREA 259, LOCATED AT ON THE WEST SIDE OF SW 82ND AVENUE BETWEEN THE CUTLER DRAIN CANAL AND SW 139TH TERRACE.
- PROVIDE PROTECTION AROUND EXISTING TREES CONSISTENT WITH FDOT STANDARD PLANS INDEX 110-100.
- ROOT/TREE TRIMMING NOT ANTICIPATED FOR THIS PROJECT. SHOULD ROOT/TREE TRIMMING BE REQUIRED, CONTRACTOR TO NOTIFY THE VILLAGE IMMEDIATELY. CONTRACTOR TO TRIM ROOTS AND CANOPY OF TREES AT DIRECTION OF ISA CERTIFIED ARBORIST CONSISTENT WITH FDOT SPEC 110. CANOPY TRIMMING SHALL ENSURE VERTICAL CLEARANCE ABOVE WALKWAY TO BE ADA COMPLIANT.
- CONTRACTOR SHALL BE RESPONSIBLE FOR DOCUMENTING/RECORDING EXISTING SITE CONDITIONS USING PHOTOGRAPHS/VIDEO RECORDINGS PRIOR TO START OF CONSTRUCTION. CONTRACTOR TO PROVIDE COPY OF RECORDS TO VILLAGE AND ENGINEER OF RECORD FOR RECORD PURPOSES.

PAVING, GRADING AND DRAINAGE NOTES

- ALL PAVING, CONSTRUCTION, MATERIALS, AND WORKMANSHIP WITHIN JURISDICTION'S RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH LOCAL OR COUNTY SPECIFICATIONS AND STANDARDS (LATEST EDITION) OR FDOT SPECIFICATIONS AND STANDARDS (LATEST EDITION) IF NOT COVERED BY LOCAL OR COUNTY REGULATIONS.
- ALL UNPAVED AREAS DISTURBED BY CONSTRUCTION SHALL BE REGRADED AND REPAIRED WITH APPROPRIATE LANDSCAPING TO MATCH THAT OF SURROUNDING AREAS.
- BACKFILL MATERIAL FOR DISTURBED AREAS NOT TO BE COVERED BY PROP. SODDING SHALL BE COMPACTED TO 95% OF THE MAXIMUM DENSITY AS DETERMINED BY ASSHTO T-180. DENSITY TESTING TO BE PERFORMED AT 100' INTERVALS.
- A 2" BLANKET OF TOP SOIL SHALL BE PLACED OVER ALL AREAS TO BE SODDED.
- SOD TYPE TO BE ST. AUGUSTINE. THE SOD SHALL BE PLACED ON THE GRADED TOP SOIL AND WATERED TO INSURE SATISFACTORY CONDITIONS UPON FINAL ACCEPTANCE OF THE PROJECT.
- TRAFFIC CONTROL ON ALL FDOT, LOCAL AND COUNTY RIGHTS-OF-WAY SHALL MEET THE REQUIREMENTS OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (U.S. DOT/FHA) AND THE REQUIREMENTS OF THE STATE AND ANY LOCAL AGENCY HAVING JURISDICTION. IN THE EVENT THAT THE CONTRACT DOCUMENTS AND THE JURISDICTIONAL AGENCY REQUIREMENTS ARE NOT IN AGREEMENT, THE MOST STRINGENT SHALL GOVERN.
- THE CONTRACTOR SHALL INSTALL FILTER FABRIC OVER ALL DRAINAGE STRUCTURES CLOSEST OR WITHIN SIDEWALK IMPROVEMENT AREA FOR THE DURATION OF CONSTRUCTION AND UNTIL ACCEPTANCE OF THE PROJECT BY THE OWNER. ALL DRAINAGE STRUCTURES SHALL BE CLEANED OF DEBRIS AS REQUIRED DURING AND AT THE END OF CONSTRUCTION TO PROVIDE POSITIVE DRAINAGE FLOWS.
- STRIP TOPSOIL AND ORGANIC MATTER FROM ALL AREAS OF THE SITE AS REQUIRED. IN SOME CASES TOPSOIL MAY BE STOCKPILED ON SITE FOR PLACEMENT WITHIN LANDSCAPED AREAS BUT ONLY AS DIRECTED BY THE OWNER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTROL OF DUST AND DIRT RISING AND SCATTERING IN THE AIR DURING CONSTRUCTION AND SHALL PROVIDE WATER SPRINKLING OR OTHER SUITABLE METHODS OF CONTROL. THE CONTRACTOR SHALL COMPLY WITH ALL GOVERNING REGULATIONS PERTAINING TO ENVIRONMENTAL PROTECTION.
- THE CONTRACTOR SHALL TAKE ALL REQUIRED MEASURES TO CONTROL TURBIDITY, INCLUDING BUT NOT LIMITED TO THE INSTALLATION OF TURBIDITY BARRIERS AT ALL LOCATIONS WHERE THE POSSIBILITY OF TRANSFERRING SUSPENDED SOLIDS INTO THE RECEIVING WATER BODY EXISTS DUE TO THE PROPOSED WORK. TURBIDITY BARRIERS MUST BE MAINTAINED IN EFFECTIVE CONDITION AT ALL LOCATIONS UNTIL CONSTRUCTION IS COMPLETED AND DISTURBED SOIL AREAS ARE STABILIZED. THEREAFTER, THE CONTRACTOR MUST REMOVE THE BARRIERS. AT NO TIME SHALL THERE BE ANY OFF-SITE DISCHARGE WHICH VIOLATES THE WATER QUALITY STANDARDS IN CHAPTER 17-302, FLORIDA ADMINISTRATIVE CODE.
- ST. AUGUSTINE SOD, WHERE CALLED FOR, MUST BE INSTALLED AND MAINTAINED ON EXPOSED SLOPES WITHIN 48 HOURS OF COMPLETING FINAL GRADING, AND AT ANY OTHER TIME AS NECESSARY, TO PREVENT EROSION, SEDIMENTATION OR TURBID DISCHARGES.

DEMOLITION NOTES

- ALL MATERIAL REMOVED FROM THIS SITE BY THE CONTRACTOR SHALL BE DISPOSED OF BY THE CONTRACTOR IN A LEGAL MANNER.
- CONTRACTOR SHALL ADJUST GRADE OF ANY EXISTING UTILITIES OR DRAINAGE STRUCTURES TO REMAIN AS APPLICABLE.

- CONTRACTOR TO REMOVE ALL EXISTING CURBING, ASPHALT PAVEMENT, LIMEROCK, SUB-GRADE, SOD, AND LANDSCAPING WITHIN LIMITS OF DEMOLITION IN PREPARATION FOR PROPOSED ASPHALT PAVEMENT, CONCRETE, CURBING, AND/OR PAVERS.
- PAVEMENT REMOVAL TO INCLUDE ASPHALT, BASE, AND SUB-GRADE MATERIAL.
- THE INTENT OF THE DEMOLITION LIMITS IS TO DEPICT EXISTING FEATURES THAT ENCUMBER THE PROPOSED CONSTRUCTION AREA, AND ARE SCHEDULED FOR REMOVAL. SOME INCIDENTAL ITEMS MAY HAVE BEEN INADVERTENTLY OMITTED FROM THE LIMITS. THE CONTRACTOR IS ENCOURAGED TO THOROUGHLY INSPECT THE SITE AS WELL AS REVIEW THE PLANS AND SPECIFICATIONS PRIOR TO SUBMITTING PRICING. CONTRACTOR WILL NOT RECEIVE ADDITIONAL COMPENSATION FOR INCIDENTAL ITEMS NOT SHOWN WITHIN THE DEMOLITION LIMITS.
- THE DEMOLITION LIMITS ARE BASED ON AVAILABLE UTILITY INFORMATION AND MAY OR MAY NOT BE ALL INCLUSIVE FOR THIS SITE. ANY UTILITIES ENCOUNTERED DURING DEMOLITION THAT ARE NOT DEPICTED/ADDRESSED ON THIS DRAWING SHOULD BE BROUGHT TO THE ATTENTION OF THE PROJECT ENGINEER IMMEDIATELY.

EROSION CONTROL NOTES

- IF REQUIRED, ALL CONTRACTORS AND SUBCONTRACTORS INVOLVED WITH THIS PROJECT SHALL OBTAIN A COPY OF THE STATE OF FLORIDA NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM GENERAL PERMIT (NPDES PERMIT) AND BECOME FAMILIAR WITH THEIR CONTENTS.
- THE CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES AS REQUIRED BY THE SWPPP. ADDITIONAL BEST MANAGEMENT PRACTICES SHALL BE IMPLEMENTED AS DICTATED BY CONDITIONS AT NO ADDITIONAL COST TO THE OWNER THROUGHOUT ALL PHASES OF CONSTRUCTION.
- BEST MANAGEMENT PRACTICES (BMP'S) AND CONTROLS SHALL CONFORM TO FEDERAL, STATE, OR LOCAL REQUIREMENTS OR MANUAL OF PRACTICE, AS APPLICABLE. THE CONTRACTOR SHALL IMPLEMENT ADDITIONAL CONTROLS AS DIRECTED BY THE PERMITTING AGENCY OR OWNER.
- THE CONTRACTOR SHALL MINIMIZE CLEARING TO THE MAXIMUM EXTENT PRACTICAL OR AS REQUIRED BY THE GENERAL PERMIT.
- ALL WASH WATER (CONCRETE TRUCKS, VEHICLE CLEANING, EQUIPMENT CLEANING, ETC.) SHALL BE DETAINED AND PROPERLY TREATED OR DISPOSED.
- SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLOTATION BOOMS SHALL BE MAINTAINED ON SITE OR READILY AVAILABLE TO CONTAIN AND CLEAN-UP FUEL OR CHEMICAL SPILLS AND LEAKS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR DUST CONTROL ON SITE. THE USE OF MOTOR OILS AND OTHER PETROLEUM BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION OPERATIONS IS PROHIBITED.
- RUBBISH, TRASH, GARBAGE, LITTER, OR OTHER SUCH MATERIALS SHALL BE DEPOSITED INTO SEALED CONTAINERS. MATERIALS SHALL BE PREVENTED FROM LEAVING THE PREMISES THROUGH THE ACTION OF WIND OR STORM WATER DISCHARGE INTO DRAINAGE DITCHES OR WATERS OF THE STATE.
- STABILIZATION PRACTICES SHOULD BE INITIATED AS SOON AS PRACTICAL, BUT IN NO CASE MORE THAN 7 DAYS WHERE CONSTRUCTION HAS TEMPORARILY CEASED.
- DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS PERMANENTLY STOPPED SHALL BE PERMANENTLY SEEDED. THESE AREAS SHALL BE SEEDED NO LATER THAN 7 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY OCCURRED IN THESE AREAS. REFER TO SECTION 981 OF THE STANDARD SPECIFICATIONS FOR SEEDING AND MAINTENANCE REQUIREMENTS.
- IF THE ACTION OF VEHICLES TRAVELING OVER THE GRAVEL CONSTRUCTION ENTRANCES IS NOT SUFFICIENT TO REMOVE THE MAJORITY OF DIRT OR MUD, THEN THE TIRES MUST BE WASHED BEFORE THE VEHICLES ENTER A PUBLIC ROAD. IF WASHING IS USED, PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF THE SITE.
- ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED AS SOON AS POSSIBLE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING SEDIMENT IN THE DETENTION POND AND ANY SEDIMENT THAT MAY HAVE COLLECTED IN THE STORM SEWER DRAINAGE SYSTEMS IN CONJUNCTION WITH THE STABILIZATION OF THE SITE.
- ON-SITE & OFF SITE SOIL STOCKPILE AND BORROW AREAS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION THROUGH IMPLEMENTATION OF BEST MANAGEMENT PRACTICES. STOCKPILE AND BORROW AREA LOCATIONS SHALL BE NOTED ON THE EROSION CONTROL PLAN AND PERMITTED IN ACCORDANCE WITH GENERAL PERMIT REQUIREMENTS.
- ALL CONSTRUCTION SHALL BE STABILIZED AT THE END OF EACH WORKING DAY.

MAINTENANCE

- ALL MEASURES STATED ON THE PAVING, GRADING AND DRAINAGE SECTIONS AS WELL AS EROSION CONTROL SECTION, SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL NO LONGER REQUIRED FOR A COMPLETED PHASE OF WORK OR UNTIL FINAL STABILIZATION OF THE SITE.
- CONTRACTOR TO PROVIDE SIDEWALK MOT DURING CONSTRUCTION. PLAN TO BE PROVIDED TO THE VILLAGE AND ENGINEER OF RECORD FOR REVIEW AND APPROVAL PRIOR TO PLACEMENT.
 - INLET PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF UNDERMINING, OR DETERIORATION.

- SILT FENCES SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE SILT FENCES WHEN IT REACHES ONE-HALF THE HEIGHT OF THE SILT FENCE.
- THE CONSTRUCTION ENTRANCES SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE CONSTRUCTION ENTRANCES AS CONDITIONS DEMAND.
- THE TEMPORARY PARKING AND STORAGE AREA SHALL BE KEPT IN GOOD CONDITION (SUITABLE FOR PARKING AND STORAGE). THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE TEMPORARY PARKING AS CONDITIONS DEMAND.
- OUTLET STRUCTURES IN THE SEDIMENTATION BASINS SHALL BE MAINTAINED IN OPERATIONAL CONDITIONS AT ALL TIMES. SEDIMENT SHALL BE REMOVED FROM SEDIMENT BASINS OR TRAPS WHEN THE DESIGN CAPACITY HAS BEEN REDUCED BY 55 CUBIC YARDS/ACRE.
- ALL MAINTENANCE OPERATIONS SHALL BE DONE IN A TIMELY MANNER BUT IN NO CASE LATER THAN 2 CALENDAR DAYS FOLLOWING THE INSPECTION.
- TRAFFIC CONTROLS SHALL BE IN ACCORDANCE WITH PROJECT PLANS, FOOT ROADWAY AND TRAFFIC DESIGN STANDARD INDEXES (600 SERIES), THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AS MINIMUM CRITERIA.
- THE ROADWAY MUST REMAIN OPEN TO TRAFFIC AT ALL TIMES.
- THE CONTRACTOR MUST MAINTAIN ACCESS TO ALL DRIVEWAYS THROUGHOUT THE CONSTRUCTION DURATION.

TYPICAL ENGINEER OBSERVATIONS

CONTRACTOR SHALL NOTIFY ENGINEER 48 HOURS IN ADVANCE OF THE FOLLOWING ACTIVITIES:

- PRE-CONSTRUCTION MEETING, IF REQUIRED (SCHEDULED BY OWNER)
- SUBGRADE PREPARATION
- SIDEWALK INSTALLATION
- ANY OTHER INSPECTION FOR WHICH A PERMITTING AGENCY REQUIRES THE ENGINEER TO BE PRESENT

RECORD DRAWINGS

- CONTRACTOR SHALL PROVIDE TO THE ENGINEER AND OWNER A MINIMUM OF 4 HARD COPIES OF A PAVING, GRADING AND DRAINAGE RECORD DRAWING AND A SEPARATE UTILITY RECORD DRAWING, AS WELL AS BOTH IN AUTOCAD 2007 OR LATER, BOTH PREPARED BY A FLORIDA REGISTERED SURVEYOR. THE RECORD DRAWINGS SHALL VERIFY ALL DESIGN INFORMATION INCLUDED ON THE DESIGN PLANS OF THE SAME NAME.

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KHA PROJECT	044649022
DATE	DEC. 2018
SCALE	AS SHOWN
DESIGNED BY	MM
DRAWN BY	TS
CHECKED BY	SV

VILLAGE OF PALMETTO BAY SRPS IMPROVEMENTS

PREPARED FOR
VILLAGE OF PALMETTO BAY

VILLAGE OF PALMETTO BAY
 FLORIDA

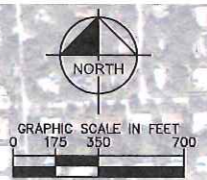
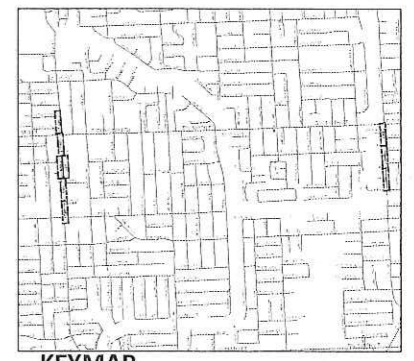
STATE OF FLORIDA PROFESSIONAL ENGINEER No. 74655 DATE: 12/3/2019

PERRINE ELEMENTARY GENERAL NOTES

SHEET NUMBER
C100



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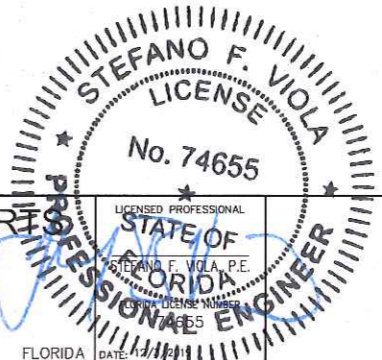
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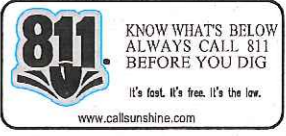
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KHA PROJECT
044649022
DATE
DEC. 2018
SCALE AS SHOWN
DESIGNED BY MM
DRAWN BY TS
CHECKED BY SV

VILLAGE OF PALMETTO BAY
IMPROVEMENTS
PREPARED FOR
VILLAGE OF PALMETTO BAY
FLORIDA



PERRINE ELEMENTARY
KEY SHEET



SHEET NUMBER
C200

PLOTTED BY: MERRIN, MERIDIAN SHEET: SW 170TH LN TO SW 166TH TER, SW 92ND AVE IMPROVEMENTS, PLAN C301, 04/31/2019 04:37:19 PM K:\N\civil\044 Jobs\04468022-19_1517-006.grc Improvements\CAD\plan\sheet\Plan_C301_04468022-19_1517-006.dwg Plot Date: 04/31/2019 04:37:19 PM
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VILLAGE OF PALMETTO BAY SRTS
IMPROVEMENTS
 PREPARED FOR
 VILLAGE OF PALMETTO BAY
 VILLAGE OF PALMETTO BAY
 FLORIDA



**PERRINE ELEMENTARY
 ENGINEERING PLAN**

SHEET NUMBER
C302

GRAPHIC SCALE IN FEET
 0 10 20 40
 MATCHLINE SEE CENTER LEFT FOR CONTINUATION
KEYMAP
 N.T.S.
LEGEND
 + + + + REMOVE EXISTING STRIPING
 PROPOSED CONCRETE SIDEWALK
 PROPOSED CATCH BASIN SEDIMENT BARRIER
 PROPOSED DETECTABLE WARNING
 PROPOSED SIDEWALK RAMP
 - - - - EXISTING PROPERTY LINE/RIGHT-OF-WAY

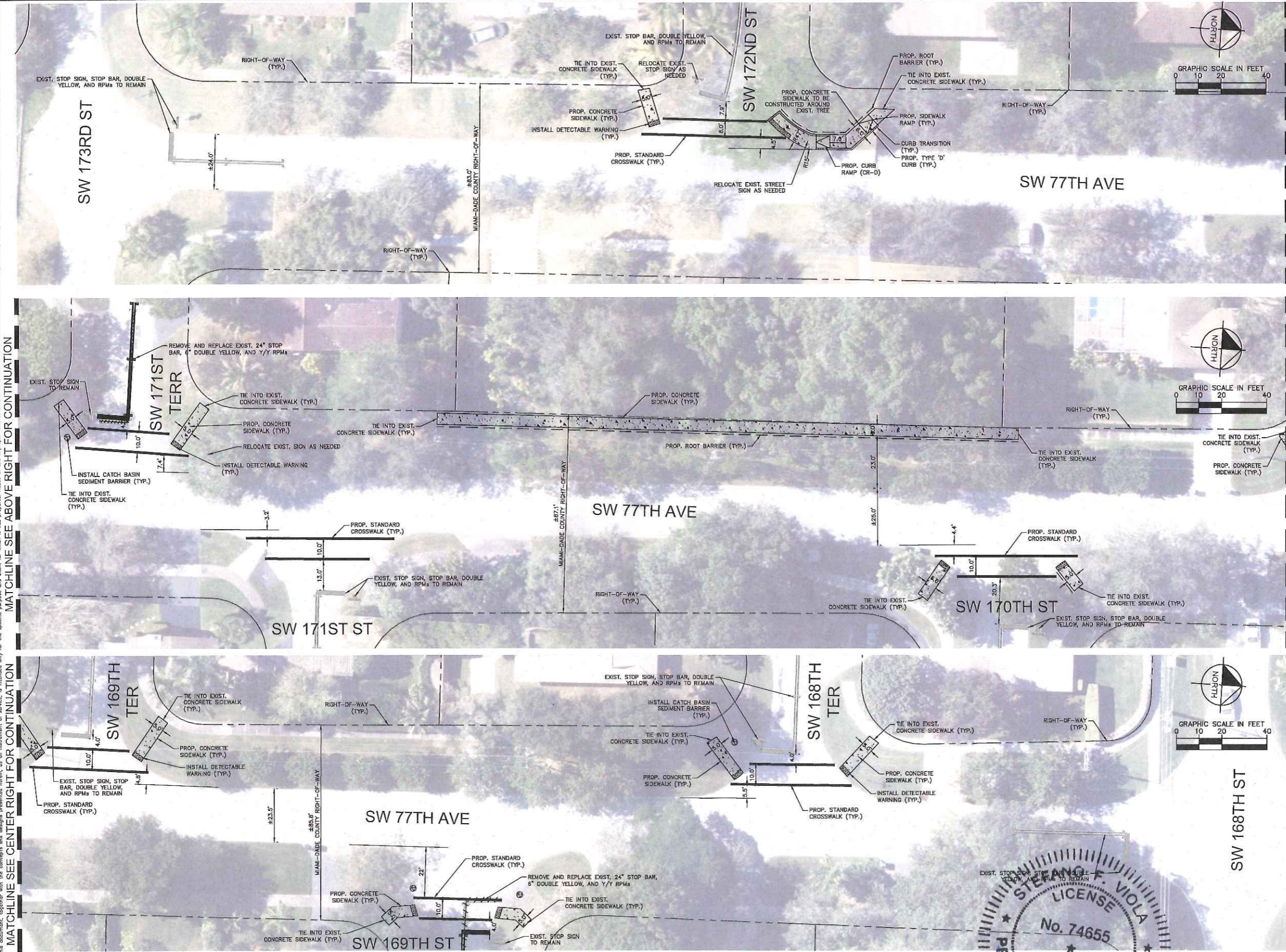
CONSTRUCTION NOTES:
 1. CONTRACTOR TO PERFORM SITE VISIT PRIOR TO BID SUBMITTAL FOR THE PROJECT.
 2. RIGHT-OF-WAY BOUNDARIES ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY LOCATION OF RIGHT-OF-WAY WITH LICENSED SURVEYOR.
 3. CONTRACTOR TO OBTAIN ENGINEERING PERMIT.
 4. CONTRACTOR TO VERIFY LOCATION OF ALL EXISTING UTILITIES PRIOR TO BEGINNING CONSTRUCTION. CONTRACTOR TO NOTIFY ENGINEER OF ANY CONFLICTS.
 5. IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO TAKE THE NECESSARY PRECAUTIONS TO ENSURE PROPER SAFETY AND WORKMANSHIP WHEN WORKING IN THE VICINITY OF EXISTING UTILITY LINES.
 6. ALL EXISTING UTILITIES, INCLUDING BUT NOT LIMITED TO, DRAINAGE CLEANOUTS, WATER METERS, ELECTRICAL METERS, AND IRRIGATION MAINS, IMPACTED BY SIDEWALK CONSTRUCTION SHALL BE MODIFIED/RELOCATED AS NECESSARY. CONTRACTOR TO COORDINATE WITH UTILITY COMPANY DIRECTLY.
 7. ELEVATION OF EXISTING UTILITIES SHALL BE ADJUSTED AS NECESSARY.
 8. CONTRACTOR TO ROOT PRUNE TREES, REMOVE VEGETATION, AND INSTALL ROOT BARRIER ALONG PROPOSED PATH OF SIDEWALK AS NECESSARY WITHOUT JEOPARDIZING ANY ENDANGERED SPECIES. CONTRACTOR TO PROTECT EXISTING TREES DURING CONSTRUCTION PER FDOT INDEX 544. CONTRACTOR TO TRIM ANY LOW-HANGING TREE BRANCHES THAT CONFLICT WITH MINIMUM ADA CLEARANCE.
 9. ALL AREAS DAMAGED BY THE CONTRACTOR, INCLUDING BUT NOT LIMITED TO PAVEMENT MARKINGS, ASPHALT, SHALE, SIDEWALK, AND DRIVEWAYS, SHALL BE RESTORED, AT THE CONTRACTOR'S EXPENSE, TO ORIGINAL CONDITION.
 10. SAW CUTTING OF THE EXISTING SIDEWALK SHALL BE MADE ONLY AT THE NEAREST FLAG JOINTS.
 11. NO EXISTING TREES SHALL BE REMOVED UNLESS OTHERWISE SPECIFIED.
 12. SHOULD ANY EXISTING TREE BE REQUIRED TO BE REMOVED OR RELOCATED BASED ON PROPOSED WORK, CONTRACTOR TO COORDINATE MODIFIED PATH OF SIDEWALK WITH ENGINEER. SHOULD TREE REMOVAL/RELOCATION BE REQUIRED, CONTRACTOR TO OBTAIN ALL REQUIRED PERMITS.
 13. PROPOSED PATH OF SIDEWALK IS APPROXIMATE AND IS BASED ON AVAILABLE INFORMATION. CONTRACTOR TO CONSTRUCT SIDEWALK AROUND TREES AS REQUIRED.
 14. ALL EXISTING MAILBOXES IMPACTED BY SIDEWALK CONSTRUCTION SHALL BE MODIFIED/RELOCATED AS NECESSARY AT THE CONTRACTOR'S EXPENSE.
 15. ROADWAY DESIGN SPEED: 30 MPH
 16. DETECTABLE WARNING SURFACE (DWS) TO BE SELECTED FROM MDC ARTICLE 527 LIST.

PAVING, GRADING, AND DRAINAGE NOTES:
 1. PROPOSED SIDEWALK LOCATION IS NOT EXACT DUE TO DISCREPANCIES WITH AERIAL BACKGROUND. PROPOSED SIDEWALK SHALL BE WITHIN THE PUBLIC RIGHT-OF-WAY.
 2. MINIMUM SEPARATION FROM EDGE OF ROADWAY TO EDGE OF SIDEWALK WITHOUT CURBING SHALL BE 5.0 FT.
 3. ALL SIDEWALKS TO BE 4" THICK, EXCEPT THOSE TRAVERSING DRIVEWAYS SHALL BE 6" THICK, AS PER SIDEWALK DETAIL, SHEET C400.
 4. PROPOSED SIDEWALK SLOPE SHALL NOT EXCEED MAXIMUM CROSS SLOPE OF 2% AND LONGITUDINAL SLOPE OF 5%.
 5. PROPOSED CONCRETE SIDEWALKS ADJACENT TO TYPE D CURB SHALL BE 6.0 FT WIDE. ALL OTHER PROPOSED CONCRETE SIDEWALKS SHALL BE 5.0 FT WIDE UNLESS OTHERWISE NOTED ON THE PLANS.
 6. ALL SIDEWALK RAMPS AND DETECTABLE WARNINGS TO MEET FDOT STANDARD INDEX 522-002.
 7. ALL ASPHALT TO BE REMOVED SHALL BE SAW CUT ADJACENT TO REMAINING IMPROVEMENTS.
 8. CONTRACTOR TO MAINTAIN DRAINAGE FLOW DURING AND AFTER CONSTRUCTION.
 9. FOR SIDEWALKS NOT ADJACENT TO CURB, AT LEAST A 1-FOOT WIDE GRADED AREA SHOULD BE PROVIDED ON BOTH SIDES, FLUSH WITH THE SIDEWALK AND HAVING A MAXIMUM 1:6 SLOPE.
 10. PROPOSED CLOSED FLUME INLET LOCATIONS ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY LOW POINTS AND CONSULT WITH EGR PRIOR TO INSTALLATION.

SIGNING AND MARKING NOTES:
 1. ALL PAVEMENT MARKINGS ARE TO MEET FDOT INDEX 711-001.
 2. ALL PROPOSED SIGNS TO BE INSTALLED PER FDOT INDEX 700-010.
 3. ALL SCHOOL SIGNS AND MARKINGS TO MEET FDOT INDEX 7344.
 4. EXISTING STRIPING/MARKING TO BE REMOVED BY WATER BLASTING ONLY.
 5. PROPOSED SOLAR POWERED BEACON ASSEMBLY TO MEET FDOT INDEX 654-001.
 6. ALL EXISTING SIGNS IMPACTED BY SIDEWALK CONSTRUCTION SHALL BE MODIFIED/RELOCATED AS NECESSARY AT THE CONTRACTOR'S EXPENSE.



Sheet Set Village of Palmetto Bay Safe Routes to School Improvements Layout C303 Engineering Plan December 03, 2018 04:37:46pm K:\111_cad\1044_sbs\1044649022-rd_1817-008_arts_improvements\CAD\layouts\C303_Engineering_Plan.dwg
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MATCHLINE SEE CENTER LEFT FOR CONTINUATION

MATCHLINE SEE BELOW LEFT FOR CONTINUATION

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KEYMAP
N.T.S.

LEGEND

- REMOVE EXISTING STRIPING
- PROPOSED CONCRETE SIDEWALK
- PROPOSED CATCH BASIN SEDIMENT BARRIER
- PROPOSED DETECTABLE WARNING
- PROPOSED SIDEWALK RAMP
- EXISTING PROPERTY LINE/RIGHT-OF-WAY

- CONSTRUCTION NOTES:**
- CONTRACTOR TO PERFORM SITE VISIT PRIOR TO BID SUBMITTAL FOR THE PROJECT.
 - RIGHT-OF-WAY BOUNDARIES ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY LOCATION OF RIGHT-OF-WAY WITH LICENSED SURVEYOR.
 - CONTRACTOR TO OBTAIN ENGINEERING PERMIT.
 - CONTRACTOR TO VERIFY LOCATION OF ALL EXISTING UTILITIES PRIOR TO BEGINNING CONSTRUCTION. CONTRACTOR TO NOTIFY ENGINEER OF ANY CONFLICTS.
 - IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO TAKE THE NECESSARY PRECAUTIONS TO ENSURE PROPER SAFETY AND WORKMANSHIP WHEN WORKING IN THE VICINITY OF EXISTING UTILITY LINES.
 - ALL EXISTING UTILITIES, INCLUDING BUT NOT LIMITED TO, DRAINAGE MAINS, IMPACTED BY SIDEWALK CONSTRUCTION SHALL BE MODIFIED/RELOCATED AS NECESSARY. CONTRACTOR TO COORDINATE WITH UTILITY COMPANY DIRECTLY.
 - ELEVATION OF EXISTING UTILITIES SHALL BE ADJUSTED AS NECESSARY.
 - CONTRACTOR TO ROOT PRUNE TREES, REMOVE VEGETATION, AND INSTALL ROOT BARRIER ALONG PROPOSED PATH OF SIDEWALK AS NECESSARY WITHOUT JEOPARDIZING ANY ENDANGERED SPECIES. CONTRACTOR TO PROTECT EXISTING TREES DURING CONSTRUCTION PER FOOT INDEX 544. CONTRACTOR TO TRIM ANY LOW-HANGING TREE BRANCHES THAT CONFLICT WITH MINIMUM ADA CLEARANCE.
 - ALL AREAS DAMAGED BY THE CONTRACTOR, INCLUDING BUT NOT LIMITED TO PAVEMENT MARKINGS, ASPHALT, SWALE, SIDEWALK, AND DRIVEWAYS, SHALL BE RESTORED, AT THE CONTRACTOR'S EXPENSE, TO ORIGINAL CONDITION.
 - SAW CUTTING OF THE EXISTING SIDEWALK SHALL BE MADE ONLY AT THE NEAREST FLAG JOINTS.
 - NO EXISTING TREES SHALL BE REMOVED UNLESS OTHERWISE SPECIFIED.
 - SHOULD ANY EXISTING TREE BE REQUIRED TO BE REMOVED OR RELOCATED BASED ON PROPOSED WORK, CONTRACTOR TO COORDINATE MODIFIED PATH OF SIDEWALK WITH ENGINEER. SHOULD TREE REMOVAL/RELOCATION BE REQUIRED, CONTRACTOR TO OBTAIN ALL REQUIRED PERMITS.
 - PROPOSED PATH OF SIDEWALK IS APPROXIMATE AND IS BASED ON AVAILABLE INFORMATION. CONTRACTOR TO CONSTRUCT SIDEWALK AROUND TREES AS REQUIRED.
 - ALL EXISTING MAILBOXES IMPACTED BY SIDEWALK CONSTRUCTION SHALL BE MODIFIED/RELOCATED AS NECESSARY AT THE CONTRACTOR'S EXPENSE.
 - ROADWAY DESIGN SPEED: 30 MPH
 - DETECTABLE WARNING SURFACE (DWS) TO BE SELECTED FROM MDC ARTICLE 527 LIST.

- PAVING, GRADING, AND DRAINAGE NOTES:**
- PROPOSED SIDEWALK LOCATION IS NOT EXACT DUE TO DISCREPANCIES WITH AERIAL BACKGROUND. PROPOSED SIDEWALK SHALL BE WITHIN THE PUBLIC RIGHT-OF-WAY.
 - MINIMUM SEPARATION FROM EDGE OF ROADWAY TO EDGE OF SIDEWALK WITHOUT CURBING SHALL BE 5.0 FT.
 - ALL SIDEWALKS TO BE 4" THICK, EXCEPT THOSE TRAVERSING DRIVEWAYS SHALL BE 6" THICK, AS PER SIDEWALK DETAIL, SHEET C400.
 - PROPOSED SIDEWALK SLOPE SHALL NOT EXCEED MAXIMUM CROSS SLOPE OF 2% AND LONGITUDINAL SLOPE OF 5%.
 - PROPOSED CONCRETE SIDEWALKS ADJACENT TO TYPE D CURB SHALL BE 5.0 FT WIDE UNLESS OTHERWISE NOTED ON THE PLANS.
 - ALL SIDEWALK RAMP AND DETECTABLE WARNING TO MEET FDOT STANDARD INDEX 522-002.
 - ALL ASPHALT TO BE REMOVED SHALL BE SAW CUT ADJACENT TO REMAINING IMPROVEMENTS.
 - CONTRACTOR TO MAINTAIN DRAINAGE FLOW DURING AND AFTER CONSTRUCTION.
 - FOR SIDEWALKS NOT ADJACENT TO CURB, AT LEAST A 1-FOOT WIDE GRADED AREA SHOULD BE PROVIDED ON BOTH SIDES, FLUSH WITH THE SIDEWALK AND HAVING A MAXIMUM 1:6 SLOPE.
 - PROPOSED CLOSED FLUME INLET LOCATIONS ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY LOW POINTS AND CONSULT WITH EOR PRIOR TO INSTALLATION.

- SIGNING AND MARKING NOTES:**
- ALL PAVEMENT MARKINGS ARE TO MEET FDOT INDEX 711-001.
 - ALL PROPOSED SIGNS TO BE INSTALLED PER FDOT INDEX 700-010.
 - ALL SCHOOL SIGNS AND MARKINGS TO MEET FDOT INDEX 17344.
 - EXISTING STRIPING/MARKING TO BE REMOVED BY WATER BLASTING ONLY.
 - PROPOSED SOLAR POWERED BEACON ASSEMBLY TO MEET FDOT INDEX 654-001.
 - ALL EXISTING SIGNS IMPACTED BY SIDEWALK CONSTRUCTION SHALL BE MODIFIED/RELOCATED AS NECESSARY AT THE CONTRACTOR'S EXPENSE.

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PHONE: 954-535-5100 FAX: 954-739-2247
WWW.KIMLEY-HORN.COM CA 0000696

KHA PROJECT	044649022
DATE	DEC. 2018
SCALE	AS SHOWN
DESIGNED BY	MM
DRAWN BY	TS
CHECKED BY	SV

VILLAGE OF PALMETTO BAY SR
IMPROVEMENTS
PREPARED FOR
VILLAGE OF PALMETTO BAY
FLORIDA DATE: 12/3/2018

PROFESSIONAL ENGINEER
STATE OF FLORIDA
LICENSE No. 74655
VIOLA F. STEPHAN

PERRINE ELEMENTARY
ENGINEERING PLAN
SHEET NUMBER
C303

Printed By: Kimley-Horn Associates, Inc. Project: Village of Palmetto Bay Site Route to School Improvements. Layout: C400 Engineering Details. December 03, 2019 04:37:56pm K:\Village of Palmetto Bay Site Route to School Improvements\CAD\Drawings\Drawings\Sheet\Drawings\C400 Engineering Details.dwg
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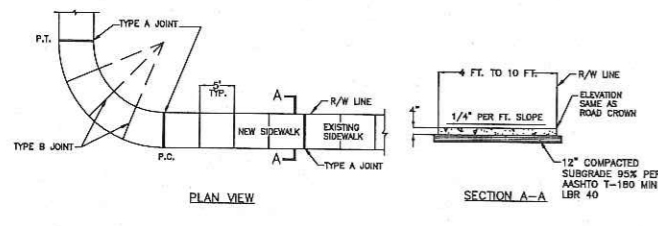
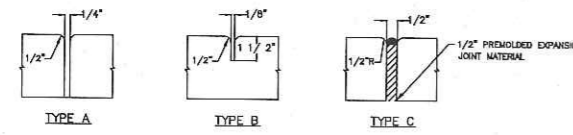


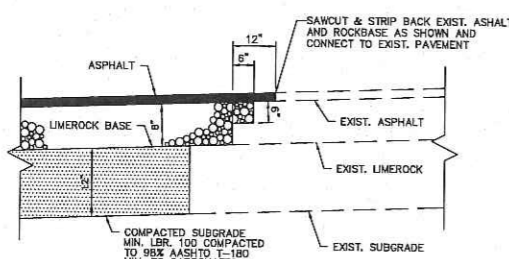
TABLE OF SIDEWALK THICKNESS - T	
LOCATION	T
STANDARD SIDEWALK	4"
AT DRIVEWAYS AND OTHER AREAS	6"

TABLE OF SIDEWALK JOINTS	
LOCATION	DETAIL
A. P.C. AND P.T. OF CURVES, JUNCTION OF EXISTING AND NEW SIDEWALK	TYPE A
B. 5'-0" CENTER TO CENTER ON SIDEWALK	TYPE B
C. WHERE SIDEWALK ADJUTS CONCRETE CURBS, DRIVEWAYS, AND SIMILAR STRUCTURES	TYPE C

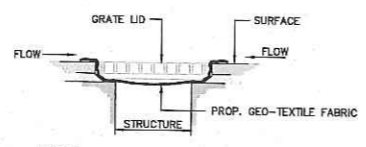


- NOTES:**
- PLACE #10/10 6x6 WIRE MESH IN THE PORTION OF THE SIDEWALK THAT CROSSES THE DRIVEWAY ONLY.
 - STANDARD SIDEWALK TO BE 3000 PSI @ 28 DAYS
 - CONCRETE FOR SIDEWALK AT DRIVEWAYS AND LOADING ZONES SHALL BE 4000 PSI @ 28 DAYS (HEAVY DUTY).
 - CURE ALL CONCRETE WITH CLEAN SAND, PLASTIC MEMBRANE, OR OTHER APPROVED METHOD.

SIDEWALK DESIGN STANDARDS
N.T.S.

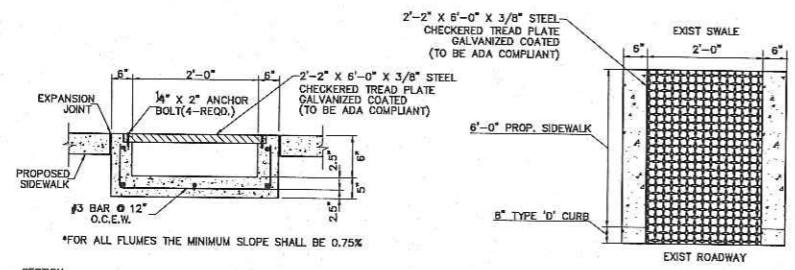


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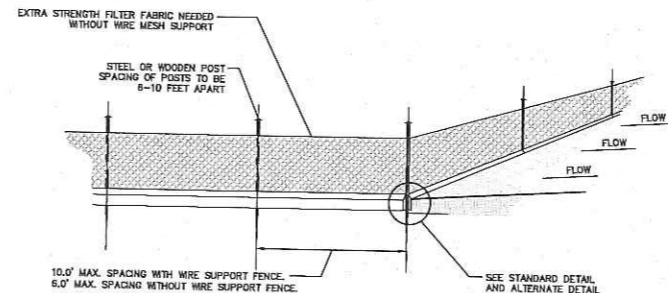


- NOTES:**
- CONTRACTOR SHALL PERFORM DAILY INSPECTIONS OF GEO-TEXTILE FABRIC BARRIER AND AS NECESSARY REPLACE OR REPAIR AS REQUIRED, SPECIFICALLY AFTER STORM EVENTS AND LARGE RAINFALL EVENTS.
 - SEDIMENTATION AND DEBRIS THAT ARE REMOVED FROM BARRIERS SHALL BE LEGALLY DISPOSED OF AT AN AUTHORIZED OFF-SITE DISPOSAL FACILITY.

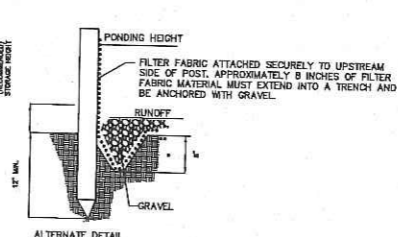
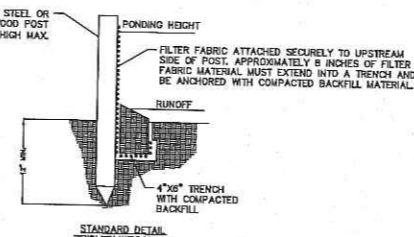
CATCH BASIN SEDIMENT BARRIER DETAIL
N.T.S.



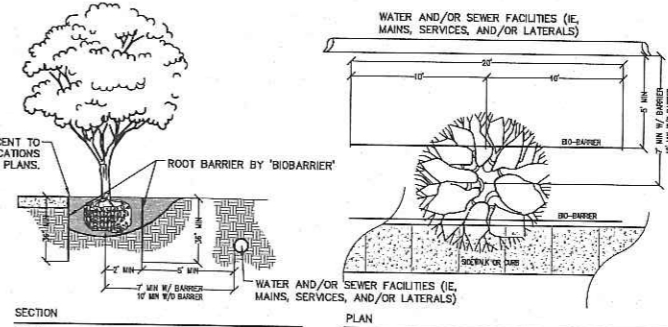
CONCRETE FLUME WITH TREAD PLATE COVER
N.T.S.



SILT FENCE SEDIMENT CONTROL
N.T.S.



- NOTES:**
- INSPECT AND REPAIR SILT FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN NECESSARY.
 - REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFF-SITE AND CAN BE PERMANENTLY STABILIZED.
 - SILT FENCE SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE PONDING EFFICIENCY.

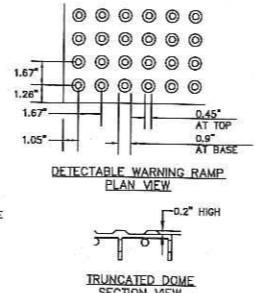


ROOT BARRIER
N.T.S.

- NOTES:**
- TREES SHALL BE LOCATED IN THE FIELD PRIOR TO CONSTRUCTION.
 - WHERE SHOWN ON PLANS, INSTALL ROOT BARRIER ADJACENT TO SIDEWALKS AND CURBS, PER MANUFACTURER'S SPECIFICATION.
 - INSTALL BIO-BARRIER PER MANUFACTURER'S SPECIFICATION ADJACENT TO SIDEWALKS AND AS SHOWN ON THIS DETAIL IN PROXIMITY TO UNDERGROUND UTILITIES.

CURB RAMP DETECTABLE WARNING
N.T.S.

- GENERAL NOTES FOR CURB RAMP DETECTABLE WARNING**
- DETECTABLE WARNING PER FOOT INDEX #304.
 - CURB RAMP MUST CONTAIN A DETECTABLE WARNING SURFACE THAT CONSISTS OF RAISED TRUNCATED DOMES. THE SURFACE MUST CONTRAST VISUALLY WITH ADJOINING SURFACES, INCLUDING SIDE FLARES.
 - DETECTABLE WARNING SURFACES MUST BE SLIP RESISTANT AND NOT ALLOW WATER TO ACCUMULATE.
 - ALIGN TRUNCATED DOMES IN THE DIRECTION OF PEDESTRIAN TRAVEL WHEN ENTERING THE STREET.
 - DETECTABLE WARNING SURFACES SHALL BE A MINIMUM OF 24" IN DEPTH IN THE DIRECTION OF PEDESTRIAN TRAVEL, AND EXTEND THE FULL WIDTH OF THE CURB RAMP OR LANDING WHERE THE PEDESTRIAN ACCESS ROUTE ENTERS THE STREET.
 - DETECTABLE WARNING SURFACES SHALL BE A MINIMUM OF 8" AND A MAXIMUM OF 10" FROM THE EXTENSION OF THE FACE OF CURB. DETECTABLE WARNING SURFACES MAY BE CURVED ALONG THE CORNER RADIUS.
 - DETECTABLE WARNING SURFACES SHALL BE CONSTRUCTED OF ARMOR-TILE TACTILE SYSTEMS CAST IN PLACE TILES OR APPROVED EQUAL.
 - DETECTABLE WARNING SURFACE TO BE SELECTED FROM MDC ARTICLE 527 LIST.



- NOTE:**
- TRUNCATED DOMES BY ARMOR TILE, ADA-C-2448 OR APPROVED EQUAL COLOR: YELLOW



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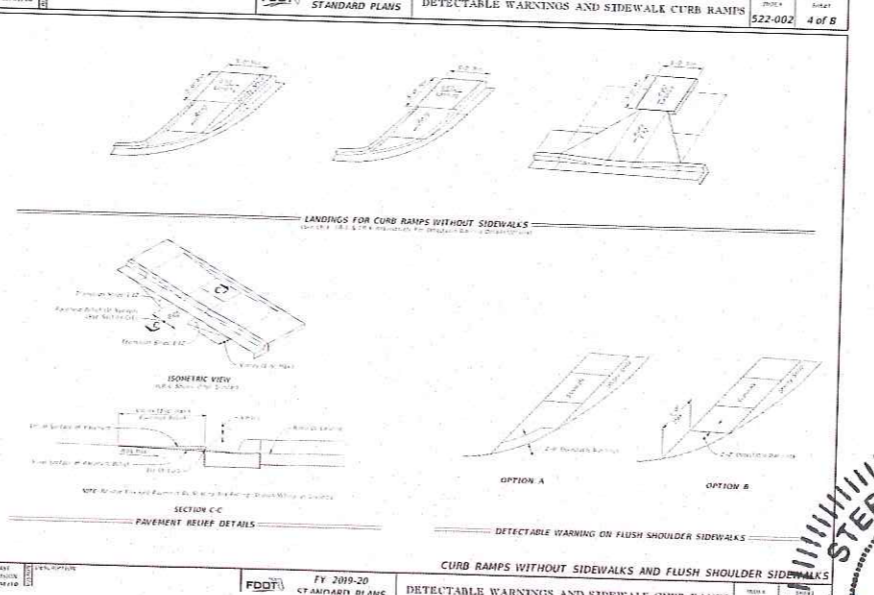
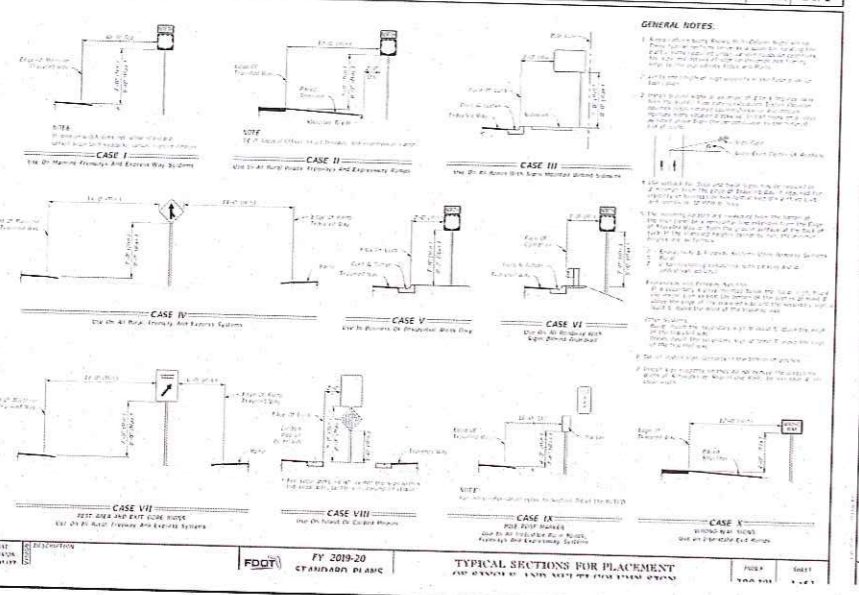
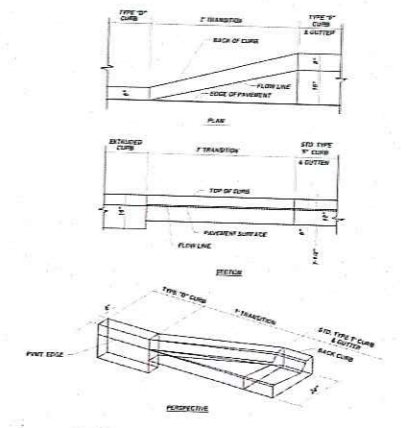
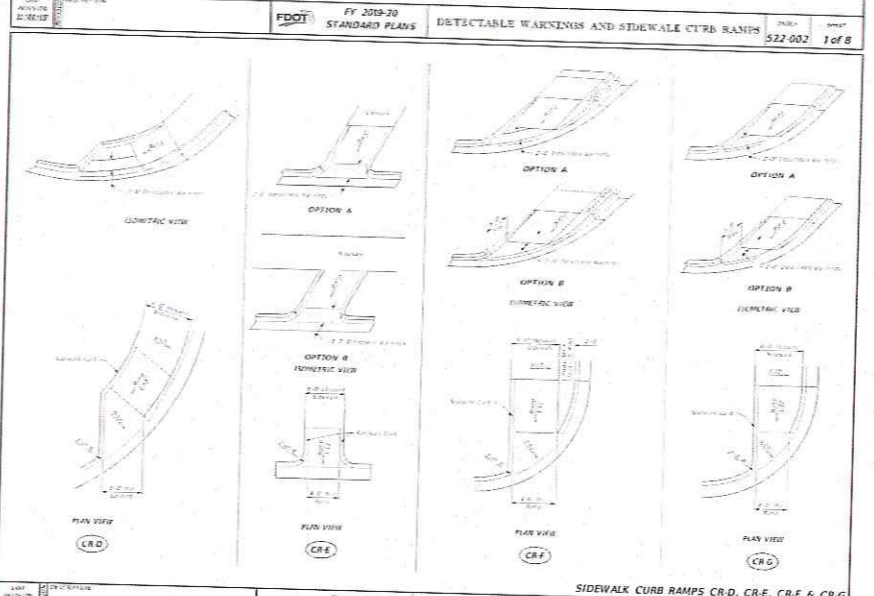
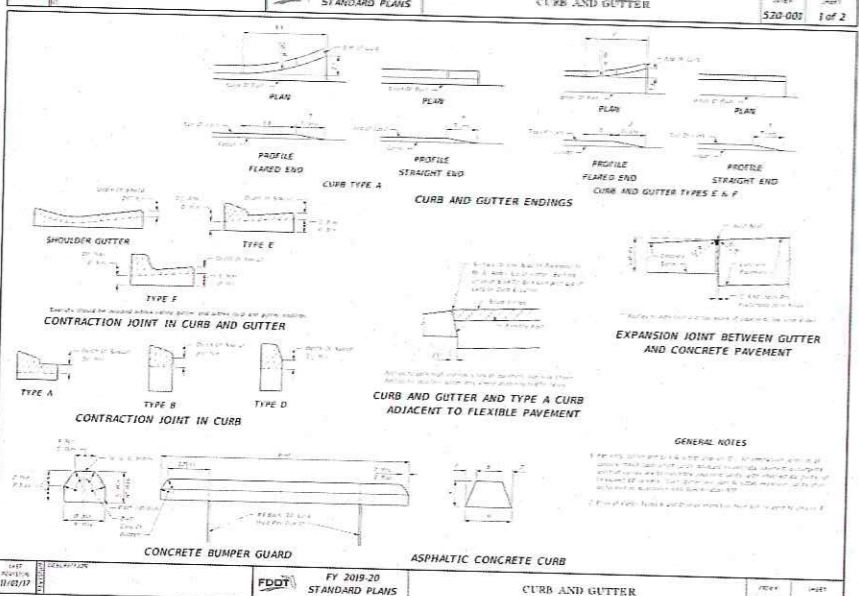
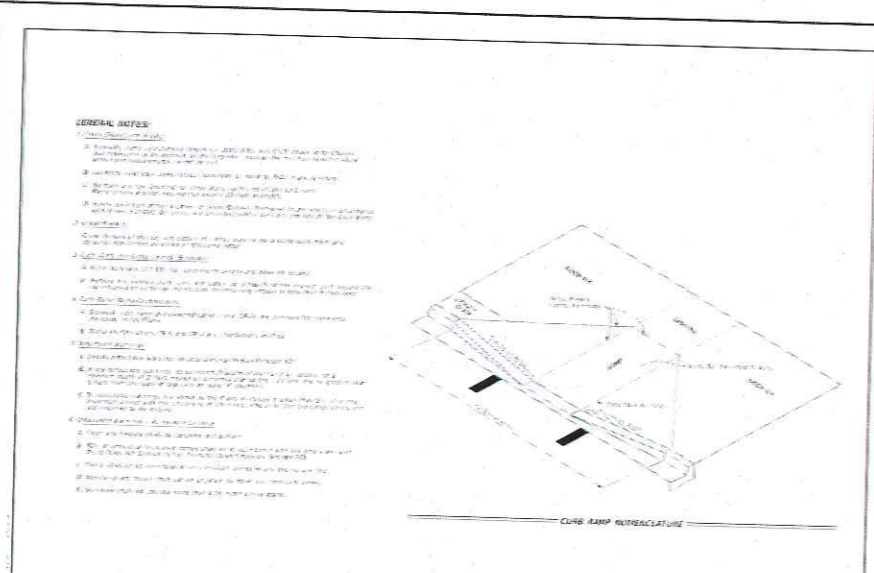
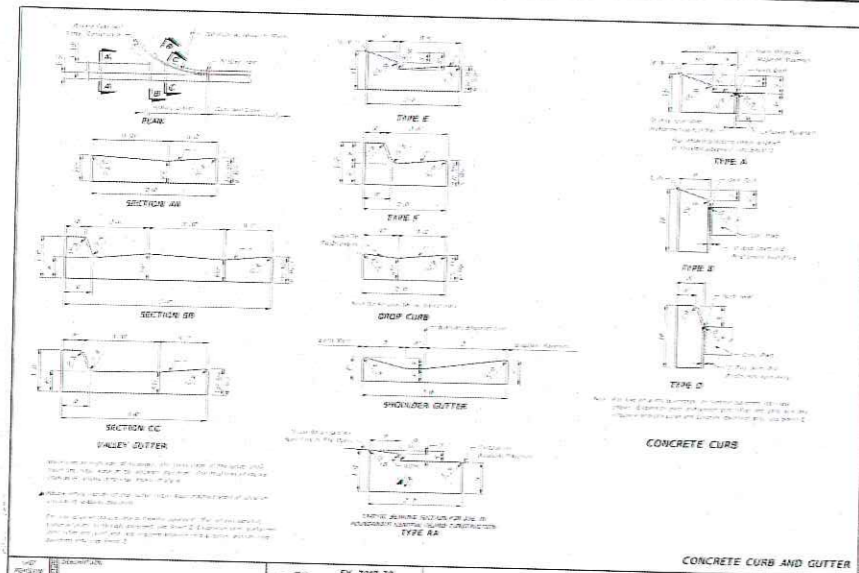
VILLAGE OF PALMETTO BAY SRPS IMPROVEMENTS
 PREPARED FOR
 VILLAGE OF PALMETTO BAY
 FLORIDA DATE: 12/3/2019

PERRINE ELEMENTARY ENGINEERING DETAILS

SHEET NUMBER
C400

No.	REVISIONS	DATE	BY

Sheet: Village of Palmetto Bay Safe Routes to School Improvements - Layout C401 Engineering Details 2, December 03, 2019 04:39:03am. K:\Village\044_004_004_0022\fig 1617-008 gets improvements\CAD\layouts\Perrine Elementary\C400 Engineering Details.dwg
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KHA PROJECT 044649022
 DATE DEC. 2018
 SCALE AS SHOWN
 DESIGNED BY MM
 DRAWN BY TS
 CHECKED BY SV
VILLAGE OF PALMETTO BAY SRPS IMPROVEMENTS
 PREPARED FOR
VILLAGE OF PALMETTO BAY
 FLORIDA DATE: 12/3/2019

STEFANO F. VIOLA
 LICENSE
 No. 74655
 LICENSED PROFESSIONAL ENGINEER
 STATE OF FLORIDA
 No. 74655

PERRINE ELEMENTARY ENGINEERING DETAILS
 SHEET NUMBER
C401

Bid To Village of Palmetto Bay

Village of Palmetto Bay
9705 East Hibiscus Street
Palmetto Bay, FL 33157

Gentlemen:

The undersigned, as Bidder, hereby declares that the only persons, company, or parties interested in the Bid or the Contract to be entered into, as principals, are named herein; and that this Bid is made without connection with any other person, company, or parties making a Bid; and that it is in all respects fair and in good faith without collusion or fraud.

The Bidder has carefully and to his full satisfaction examined any and all information the Bidder deems necessary to submit this Bid, including but not limited to, the attached Instructions to Bidders, General Conditions, Supplementary Conditions, Technical Specifications, and Contract and Bonds, together with the accompanying Drawings, Project Specifications and that he has read all addenda issued prior to the opening of Bids; and that he has made a full examination of the location of the proposed Work and hereby agrees to furnish, unless otherwise provided, all implements, machinery, equipment, transportation, tools, materials, supplies, labor, and other things necessary to the prosecution and completion of the Work generally described as follows:

Provide labor and equipment required to construct the proposed improvements for the Village of Palmetto Bay Safe Routes to School project (Invitation to Bid# 2022-11-007). The Project primarily consists of sidewalk and striping improvements within the vicinities of Coral Reef Elementary, Howard Drive Elementary, and Perrine Elementary. The work shall include but not be limited to: the installation of 5 foot and 6 foot wide concrete sidewalks (with 4” and 6” thickness depending on the location), the repair/replacement of existing damaged concrete sidewalks, the installation of detectable warnings on existing sidewalks, roadway striping improvements (thermoplastic traffic striping white and yellow), sign relocations, and site restoration. All labor, equipment, and materials necessary to construct the improvements described by these Drawings and Project Specifications will be provided by the contractor. Construction of this Project will require close coordination with the Village and Engineer.

It is proposed that the Project herein described shall be constructed for the Total Bid Amount based on the Contract Unit Prices in this Bid, all in accordance with the requirements and provisions of the Contract Documents. The Village at its sole discretion shall award this Contract based on the Total Bid Amount, and in accordance with Section 16 (Award of Contract) in the Instructions to Bidders.

BID FORM

The following Bid Form is presented to assist the Village in evaluating the Bid. This Bid Form reflects estimated quantities for the Total Bid as described above. After award, the Village reserves the right to modify estimated quantities subject to the unit price, and eliminate line items if necessary. Payment shall be made for the items listed on the Bid Form on the basis of the Work actually performed and completed.

Coral Reef Elementary:

<u>Bid Item No.</u>	<u>Description</u>	<u>Estimated Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Value</u>
101-1	Mobilization	1	LS		
102-1	Maintenance of Traffic	1	LS		
104-10	Stormwater Pollution Prevention Plan	1	LS		
110-1	Clearing and Grubbing	1	LS		
425-6	Adjusting Existing Utility Covers	1	LS		
CF-1	Concrete Flume with Tread Plate Cover	12	EA		
520-2	Type "D" Curb	3,000	LF		
522-1	FDOT Single Curb Ramp (Concrete Sidewalk, 4")	69	EA		
522-1	Concrete Sidewalk, 6" thick	550	SY		
522-1	Concrete Sidewalk, 4" thick	2,000	SY		
522-2	ADA Detectable Warning Pad	7	EA		
524-2	Asphalt Driveway Restoration (2" Minimum)	200	SY		
526-1	Pavers, Architectural, Roadway	75	SY		
711-1	Signing and Pavement Markings	1	LS		
700-1	Single Post Sign, Relocate	2	EA		
RB-1	Root Barrier	300	LF		
SR-1	Site Restoration	1	LS		
A-1	Allowance	1	LS	\$X	\$X
PB-1	Payment & Performance Bonds	1	LS	\$X	\$X
SUBTOTAL					
PF	Permit Fee				\$X

TOTAL	
--------------	--

TOTAL BID AMOUNT \$ _____

TOTAL BID AMOUNT (IN WORDS) _____

Howard Drive Elementary:

<u>Bid Item No.</u>	<u>Description</u>	<u>Estimated Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Value</u>
<u>Roadway</u>					
101-1	Mobilization	1	LS		
102-1	Maintenance of Traffic	180	Days		
PB-1	Payment & Performance Bonds	1			
	Field Engineering, Layout, As-Builts				
	Utility Relocates/Adjustments	1	LS		
<u>Howard Drive Elementary School</u>					
104-18	Inlet Protection System	14	EA		
110-1	Clearing and Grubbing	0.4	AC		
520-1-10	Concrete Curb and Gutter, Type "F"	250	LF		
520-2-4	Concrete Curb Type "D"	2,000	LF		
	Concrete Flume with Tread Plate Cover	5	EA		
526-1-1	Pavers, Architectural, Roadway	13	SY		
337-7-82	1" ASPH CONC FC, TRAFFIC C, FC-9.5, PG76-22	69	EA		
522-1	Concrete Sidewalk, 4"	1,300	SY		
522-2	Concrete Sidewalk over Driveways, 6"	295	SY		
527-2	ADA Detectable Warning Pad	195	SF		
522-1	FDOT Single Curb Ramp (Concrete Sidewalk, 4")	300	SY		
700-1-50	Single Post Sign, Relocate	7	AS		
711-14-123	Thermoplastic, Preformed, White, Solid 12"	755	LF		

SR-1	Site Restoration	1	LS		
<u>Landscape</u>					
SR-1	Root Barrier	350	LF		
SUBTOTAL					
PF	Permit Fee				\$X
TOTAL					

TOTAL BID AMOUNT \$ _____

TOTAL BID AMOUNT (IN WORDS) _____

Perrine Elementary:

<u>Bid Item No.</u>	<u>Description</u>	<u>Estimated Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Value</u>
101-1	Mobilization	1	LS		
102-1	Maintenance of Traffic	1	LS		
104-10	Stormwater Pollution Prevention Plan	1	LS		
110-1	Clearing and Grubbing	1	LS		
425-6	Adjusting Existing Utility Covers	1	LS		
520-2	Type "D" Curb	200	LF		
522-1	FDOT Single Curb Ramp (Concrete Sidewalk, 4")	6	EA		
522-1	Concrete Sidewalk, 6" thick	100	SY		
522-1	Concrete Sidewalk, 4" thick	650	SY		
522-2	ADA Detectable Warning Pad	18	EA		
524-2	Asphalt Driveway Restoration (2" Minimum)	25	SY		
526-1	Pavers, Architectural, Roadway	50	SY		
522-2	Stamped Concrete Overlay-Driveway Reconstruction (Concrete Sidewalk over Driveways, 6")	25	SY		

711-1	Signing and Pavement Markings	1	LS		
700-1	Single Post Sign, Relocate	4	EA		
RB-1	Root Barrier	375	LF		
SR-1	Site Restoration	1	LS		
A-1	Allowance	1	LS	\$X	\$X
PB-1	Payment & Performance Bonds	1	LS	\$X	\$X
SUBTOTAL					
PF	Permit Fee				\$X
TOTAL					

TOTAL BID AMOUNT \$ _____

TOTAL BID AMOUNT (IN WORDS) _____

The following Bid Item Notes apply to all bid items:

1. Bid Item 101-1 is a lump sum pay item for all mobilization costs and also includes the construction of two (2) project signs that shall be displayed at approaches to the project area. The intent is that the signs will be freestanding. The sign shall display on both sides the project name, Village Logo, elected officials, and contact information. A detail of the sign is included in the plans.
2. Bid Item 102-1 is a lump sum pay item for a Maintenance of Traffic and includes all pedestrian access maintenance. All crosswalks and sidewalks shall remain open and free of obstructions. Temporary painting for roadways and crosswalks shall be maintained throughout the project. Costs shall include the use of flagmen.
3. Bid Item 104-10 is a lump sum pay item to furnish, install, and maintain the complete storm water pollution prevention plan (SWPPP). Costs shall include but not be limited to all baled hay, filter fabric, turbidity barriers, Notice of Intent fees, and compliance with any SWPPP reporting.
4. Bid Item 110-1 is a lump sum pay item that includes the removal and disposal of all existing concrete, soil/planting, trees, stumps, roots, root pruning, and other such objects, buildings, structures, appurtenances, existing flexible asphalt pavement, base material, and other facilities necessary to prepare the area for the proposed construction and which are not included as part of another bid item.
5. Bid Item 425-6 is a lump sum item that includes all costs associated with adjusting all existing manhole and utility covers.
6. Bid Item CF-1 includes all costs associated with furnishing and installing concrete flumes with tread plate covers as shown on the plans. The concrete flumes shall be fabricated in accordance with the details and dimensions shown on the drawings. The costs include installation of sidewalk, all associated excavation, management of excavated materials, new limerock and sub base as needed, backfill and compaction, testing, soil grading if required by adjacent grades to front and/or back of concrete flume, and ADA compliance for all concrete flume with tread plate cover installations.
7. Bid Item 520-2 includes all costs associated with furnishing and installing type "D" curbing, type "F" curbing, and valley gutter as shown on the plans. The costs include installation of curbing, all associated excavation, management of excavated materials, new limerock and sub base as needed, backfill and compaction, and testing.

8. Bid Item 522-1 includes all costs associated with removing and installing concrete sidewalk/ramps as shown on the plans. The costs include removal and installation of sidewalk, all associated excavation, management of excavated materials, new limerock and sub base as needed, backfill and compaction, testing, soil grading if required by adjacent grades to front and/or back of sidewalk, and ADA compliance for all sidewalk/ramp installations. This Bid Item is not to be used for any existing concrete impacted by adjacent roadway.
9. Bid Item 522-2 includes all costs associated with furnishing and installing ADA detectable warning pads.
10. Bid Item 524-2 includes all costs associated with restoring an asphalt driveway as shown on the plans. This bid item shall include costs associated with all grading, base preparation, 4" compacted limerock base, asphalt installation, and new fill as required by adjacent grades.
11. Bid Item 526-1 includes all costs associated with restoring a paver driveway as shown on the plans. This bid item shall include costs associated with all grading, base preparation, 4" compacted limerock base, paver installation, tamping, and new fill as required by adjacent grades.
12. Bid Item 522-2 includes all costs associated with restoring a stamped concrete driveway as shown on the plans. This bid item shall include costs associated with all grading, base preparation, 4" compacted limerock base, concrete installation, stamping equipment/materials, and new fill as required by adjacent grades.
13. Bid Item 711-1 includes all costs associated with installing signing and thermoplastic pavement markings including temporary pavement markings prior to thermoplastic. This bid item shall also include existing striping removal through water-blasting. Costs associated with replacing existing signs damaged as a result of construction will be the responsibility of the contractor.
14. Bid Item 700-1 includes all costs associated with relocating existing signs as shown on the plans. This bid item includes all work and materials necessary for the relocation and installation of existing traffic signage, including but not limited to signs, posts, bases, fastening mechanisms, excavation, backfilling and appurtenances.
15. Bid Item RB-1 includes all costs associated with furnishing and installing root barrier as shown on the plans. This bid item shall include installation of root barrier, all associated excavation, management of excavated materials, backfill, and soil grading.
16. Bid Item SR-1 is a lump sum pay item that includes the complete restoration of the swale area, roadway, or driveways impacted by any construction activity adjacent to sidewalk improvements including but not limited to concrete and base removal, striping removal, clearing and grubbing, utility adjustments, root barrier installation, sign post relocations, mailbox relocations, etc. Any swale areas impacted by the contractor outside of sidewalk improvements such as driveway restoration, pavement markings, etc. will be restored by the contractor at no additional cost to the Village. The pay item includes but is not limited to new sod, landscaping, trees, excavation, new fill, grading, irrigation, driveway aprons, sidewalks, mail boxes, fences, pipes, curbs, etc. to an equal or better condition prior to construction. The contractor shall include the costs associated with a preconstruction video to confirm existing conditions. Any damage not confirmed by preconstruction video will be repaired at no additional cost to the Village.

END OF SECTION

APPENDIX "B"

"General Decision Number: FL20220178 02/25/2022

Superseded General Decision Number: FL20210178

State: Florida

Construction Type: Highway

County: Miami-Dade County in Florida.

HIGHWAY CONSTRUCTION PROJECTS

Note: Contracts subject to the Davis-Bacon Act are generally required to pay at least the applicable minimum wage rate required under Executive Order 14026 or Executive Order 13658. Please note that these Executive Orders apply to covered contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but do not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(2)-(60).

If the contract is entered into on or after January 30, 2022, or the contract is renewed or extended (e.g., an option is exercised) on or after January 30, 2022: 	. Executive Order 14026 generally applies to the contract. . The contractor must pay all covered workers at least \$15.00 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in 2022.
If the contract was awarded on or between January 1, 2015 and January 29, 2022, and the contract is not renewed or extended on or after January 30, 2022: 	. Executive Order 13658 generally applies to the contract. . The contractor must pay all covered workers at least \$11.25 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on that contract in 2022.

The applicable Executive Order minimum wage rate will be adjusted annually. If this contract is covered by one of the Executive Orders and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must still submit a conformance request.

Additional information on contractor requirements and worker protections under the Executive Orders is available at <https://www.dol.gov/agencies/whd/government-contracts>.

Modification Number	Publication Date
0	01/07/2022
1	02/25/2022

ELEC0349-002 09/01/2021

	Rates	Fringes
ELECTRICIAN.....	\$ 37.61	11.72

* SUFL2013-039 08/19/2013		

	Rates	Fringes
CARPENTER.....	\$ 17.84	0.00
CEMENT MASON/CONCRETE FINISHER, Includes Form Work.....	\$ 15.49	0.00
FENCE ERECTOR.....	\$ 12.82 **	0.00
HIGHWAY/PARKING LOT STRIPING: Operator (Striping Machine).....	\$ 15.07	0.00
HIGHWAY/PARKING LOT STRIPING: Painter.....	\$ 12.13 **	0.00
HIGHWAY/PARKING LOT STRIPING: Operator (Spray Nozzleman).....	\$ 11.16 **	0.00
INSTALLER - GUARDRAIL.....	\$ 13.43 **	0.00
IRONWORKER, ORNAMENTAL.....	\$ 13.48 **	0.00
IRONWORKER, REINFORCING.....	\$ 18.43	0.00
IRONWORKER, STRUCTURAL.....	\$ 16.42	0.00

LABORER (Traffic Control Specialist incl. placing of cones/barricades/barrels - Setter, Mover, Sweeper).....	\$ 11.59 **	0.00
LABORER: Asphalt, Includes Raker, Shoveler, Spreader and Distributor.....	\$ 12.31 **	0.00
LABORER: Common or General.....	\$ 10.69 **	0.00
LABORER: Flagger.....	\$ 12.53 **	0.00
LABORER: Grade Checker.....	\$ 12.41 **	0.00
LABORER: Landscape & Irrigation.....	\$ 9.02 **	0.00
LABORER: Mason Tender - Cement/Concrete.....	\$ 13.91 **	3.50
LABORER: Pipelayer.....	\$ 15.02	0.00
OPERATOR: Backhoe/Excavator/Trackhoe.....	\$ 16.24	0.00
OPERATOR: Bobcat/Skid Steer/Skid Loader.....	\$ 12.88 **	0.00
OPERATOR: Boom.....	\$ 18.95	0.00
OPERATOR: Boring Machine.....	\$ 15.29	0.00
OPERATOR: Broom/Sweeper.....	\$ 13.01 **	0.00
OPERATOR: Bulldozer.....	\$ 16.77	0.00
OPERATOR: Concrete Finishing Machine.....	\$ 15.44	0.00
OPERATOR: Concrete Saw.....	\$ 14.43 **	0.00
OPERATOR: Crane.....	\$ 22.46	0.00
OPERATOR: Curb Machine.....	\$ 20.74	0.00
OPERATOR: Distributor.....	\$ 13.29 **	0.00
OPERATOR: Drill.....	\$ 14.78 **	0.00
OPERATOR: Forklift.....	\$ 16.32	0.00

OPERATOR: Gradall.....	\$ 14.71 **	0.00
OPERATOR: Grader/Blade.....	\$ 20.22	3.85
OPERATOR: Loader.....	\$ 15.53	0.00
OPERATOR: Mechanic.....	\$ 18.03	0.00
OPERATOR: Milling Machine.....	\$ 14.67 **	0.00
OPERATOR: Oiler.....	\$ 16.32	0.00
OPERATOR: Paver (Asphalt, Aggregate, and Concrete).....	\$ 13.61 **	0.00
OPERATOR: Piledriver.....	\$ 17.23	0.00
OPERATOR: Post Driver (Guardrail/Fences).....	\$ 14.45 **	0.00
OPERATOR: Roller.....	\$ 13.67 **	0.00
OPERATOR: Scraper.....	\$ 12.01 **	0.00
OPERATOR: Screed.....	\$ 14.15 **	0.00
OPERATOR: Tractor.....	\$ 12.19 **	0.00
OPERATOR: Trencher.....	\$ 14.74 **	0.00
PAINTER: Spray.....	\$ 16.52	0.00
SIGN ERECTOR.....	\$ 12.96 **	0.00
TRAFFIC SIGNALIZATION: Traffic Signal Installation.....	\$ 19.07	0.00
TRUCK DRIVER: Distributor Truck.....	\$ 14.96 **	2.17
TRUCK DRIVER: Dump Truck.....	\$ 12.19 **	0.00
TRUCK DRIVER: Flatbed Truck.....	\$ 14.28 **	0.00
TRUCK DRIVER: Lowboy Truck.....	\$ 15.07	0.00
TRUCK DRIVER: Slurry Truck.....	\$ 11.96 **	0.00
TRUCK DRIVER: Vector Truck.....	\$ 14.21 **	0.00

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

=====
** Workers in this classification may be entitled to a higher minimum wage under Executive Order 14026 (\$15.00) or 13658 (\$11.25). Please see the Note at the top of the wage determination for more information.

Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the

Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year.

Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons

resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at

<https://www.dol.gov/agencies/whd/government-contracts>.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of ""identifiers"" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than "SU" or "UAVG" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

Survey Rate Identifiers

Classifications listed under the "SU" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union

average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour National Office because National Office has responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator

(See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION"

Appendix “C”

FDOT Required Forms

LAP CERTIFICATION OF CURRENT CAPACITY (FORM 525-010-46).....	232-233
DBE BID PACKAGE INFORMATION (FORM 275-030-11).....	234-235
CERTIFICATION REGARDING DEBARMENT... (FORM 375-030-32).....	236
CERTIFICATION OF LOBBYING ACTIVITIES (FORM 375-030-33).....	237
DISCLOSURE OF LOBBYING ACTIVITIES (FORM 375-030-34).....	238-239
NON-COLLUSION DECLARATION (FORM 575-060-13).....	240-242
E-VERIFY ACKNOWLEDGMENT FORM (FORM 375-040-68).....	243
BID OPPORTUNITY LIST (FORM 375-040-62).....	244
FHWA 1273.....	245-256

For bids to be received on _____
(Letting Date)

Fill in your FDOT Vendor Number
VF _____
(Only applicable to FDOT pre-qualified contractors)

CERTIFICATE

I hereby certify that the amount of any proposal submitted by this bidder for the above letting does not exceed the amount of the Firm's CURRENT CAPACITY (maximum capacity rating less total uncompleted work).

The total uncompleted work as shown on
the "Status of Contracts on Hand" report (page 2) \$ _____

I further certify that the "Status of Contracts on Hand" report (page 2) was prepared as follows:

1. If the letting is before the 25th day of the month, the certificate and report reflect the uncompleted work as of the 15th day of the month, last preceding the month of the letting.
2. If the letting is after the 25th day of the month, the certificate and report reflects the uncompleted work in progress as of the 15th day of the month of the letting.
3. All new contracts (and subcontracts) awarded earlier than five days before the letting date are included in the report and charged against our total rating.

I certify that the information above is correct.

NAME OF FIRM

Sworn to and subscribed this _____ day
of _____, 20 _____

By: _____

Title

(Furnish complete information about all your contracts, whether prime or subcontracts; whether in progress or awarded, but not yet begun; and regardless of whom contracted with.)

1	2	3	4	5		6
PROJECTS OWNER, LOCATION AND DESCRIPTION	CONTRACT (OR SUBCONTRACT) AMOUNT	AMOUNT SUBLET TO OTHERS	BALANCE OF CONTRACT AMOUNT	UNCOMPLETED AMOUNT TO BE DONE BY YOU		
				AS PRIME CONTRACTOR	AS SUBCONTRACTOR	
NOTE: Columns 2 and 3 to show total contract (or subcontract) amounts. Column 4 to be difference between columns 2 and 3. Amount in columns 5 or 6 to be uncompleted portion of amount in column 4. All amounts to be shown to nearest \$100. The Contractor may consolidate and list as a single item all contracts which, individually, do not exceed 3% of total, and which, in the aggregate, amount to less than 20% of the total.	TOTALS	\$0.00	\$0.00	TOTAL UNCOMPLETED WORK ON HAND TO BE DONE BY YOU (TOTAL COLUMNS 5 AND 6)		\$0.00

DBE Utilization

The Department began its DBE race neutral program January 1, 2000. **Contract specific goals are not placed on Federal/State contracts;** however, the Department has an overall 10.65% DBE goal it must achieve. In order to assist contractors in determining their DBE commitment level, the Department has reviewed the estimates for this letting.

As you prepare your bid, please monitor potential or anticipated DBE utilization for contracts. When the low bidder executes the contract with the Department, information will be requested of the contractor's DBE participation for the project. While the utilization is not mandatory in order to be awarded the project, continuing utilization of DBE firms on contracts supports the success of Florida's DBE Program, and supports contractors' Equal Employment Opportunity and DBE Affirmative Action Programs.

Any project listed as 0% DBE availability does not mean that a DBE may not be used on that project. A 0% DBE availability may have been established due to any of the following reasons: limited identified subcontracting opportunities, minimal contract days, and/or small contract dollar amount. Contractors are encouraged to identify any opportunities to subcontract to DBE's.

Please contact the Equal Opportunity Office at (850) 414-4747 if you have any questions regarding this information.

DBE Reporting

If you are the prime contractor on a project, enter your DBE participation in the Equal Opportunity Compliance system prior to the pre-construction or pre-work conference for all federal and state funded projects. This **will not** become a mandatory part of the contract. It will assist the Department in tracking and reporting planned or estimated DBE utilization. During the contract, the prime contractor is required to report actual payments to DBE and MBE subcontractors through the web-based Equal Opportunity Compliance (EOC) system.

All DBE payments must be reported whether or not you initially planned to utilize the company. In order for our race neutral DBE Program to be successful, your cooperation is imperative. If you have any questions, please contact EOOHelp@dot.state.fl.us.

Bid Opportunity List

The Federal DBE Program requires States to maintain a database of all firms that are participating or attempting to participate on FDOT-assisted contracts. The list must include all firms that bid on prime contracts or bid or quote subcontracts on FDOT-assisted projects, including both **DBE's and non-DBEs**.

Please complete the Bidders Opportunity List through the Equal Opportunity Compliance system within 3 business days of submission of the bid or proposal for ALL subcontractors or sub-consultants who quoted to you for specific project for this letting. The web address to the Equal Opportunity Compliance system is: <https://www.fdot.gov/equalopportunity/eoc.shtm>.

DBE/AA Plans

Contractors bidding on FDOT contracts are to have an approved DBE Affirmative Action Plan (FDOT Form 275-030-11B) on file with the FDOT Equal Opportunity Office before execution of a contract. DBE/AA Plans must be received with the contractors bid or received by the Equal Opportunity Office prior to the award of the contract.

Plans are approved by the Equal Opportunity Office in accordance with Ch. 14-78, Florida Administrative Code. Plans that do not meet these mandatory requirements may not be approved. Approvals are for a (3) three year period and should be updated at anytime there is a change in the company's DBE Liaison Officer and/or President. Contractors may evidence adoption of the DBE/AA Policy and Plan and/or a change in the designated DBE Liaison officer as follows:

- Print the first page of the document on company stationery ("letterhead") that indicates the company's name, mailing address, phone number, etc.
- Print the company's name in the "____" space; next to "Date" print the month/day/year the policy is being signed; record the signature of the company's Chief Executive Officer, President or Chairperson in the space next to "by" and print the full first and last name and position title of the official signing the policy.
- Print the DBE Liaison's full name, email address, business mailing address and phone number the bottom of email.

E-mail the completed and signed DBE AA Plan to: **eeoforms@dot.state.fl.us**.

The Department will review the policy, update department records and issue a notification of approval or disapproval; a copy of the submitted plan will not be returned to the contractor.

It is certified that neither the below identified firm nor its principals are presently suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any federal department or agency.

Name of Consultant/Contractor: _____

By: _____

Date: _____

Title: _____

Instructions for Certification

Instructions for Certification - Lower Tier Participants:

(Applicable to all subcontracts, purchase orders and other lower tier transactions requiring prior FHWA approval or estimated to cost \$25,000 or more - 2 CFR Parts 180 and 1200)

- a. By signing and submitting this proposal, the prospective lower tier is providing the certification set out below.
- b. The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered into. If it is later determined that the prospective lower tier participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department, or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.
- c. The prospective lower tier participant shall provide immediate written notice to the person to which this proposal is submitted if at any time the prospective lower tier participant learns that its certification was erroneous by reason of changed circumstances.
- d. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180 and 1200. You may contact the person to which this proposal is submitted for assistance in obtaining a copy of those regulations. "First Tier Covered Transactions" refers to any covered transaction between a grantee or subgrantee of Federal funds and a participant (such as the prime or general contract). "Lower Tier Covered Transactions" refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). "First Tier Participant" refers to the participant who has entered into a covered transaction with a grantee or subgrantee of Federal funds (such as the prime or general contractor). "Lower Tier Participant" refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).
- e. The prospective lower tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency with which this transaction originated.
- f. The prospective lower tier participant further agrees by submitting this proposal that it will include this clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transaction," without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the \$25,000 threshold.
- g. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the Excluded Parties List System website (<https://www.epls.gov/>), which is compiled by the General Services Administration.
- h. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.
- i. Except for transactions authorized under paragraph e of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.

**CERTIFICATION FOR DISCLOSURE OF LOBBYING ACTIVITIES
ON FEDERAL-AID CONTRACTS
(Compliance with 49CFR, Section 20.100 (b))**

The prospective participant certifies, by signing this certification, that to the best of his or her knowledge and belief:

(1) No federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any federal contract, the making of any federal grant, the making of any federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any federal contract, grant, loan, or cooperative agreement.

(2) If any funds other than federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure of Lobbying Activities", in accordance with its instructions. (Standard Form-LLL can be obtained from the Florida Department of Transportation's Professional Services Administrator or Procurement Office.)

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, Title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

The prospective participant also agrees by submitting his or her proposal that he or she shall require that the language of this certification be included in all lower tier subcontracts, which exceed \$100,000 and that all such subrecipients shall certify and disclose accordingly.

Name of Consultant:

By: _____ Date: _____ Authorized Signature

Title: _____

Is this form applicable to your firm?

YES NO

If *no*, then please complete section 4 below for "Prime"

1. Type of Federal Action: a. contract b. grant c. cooperative agreement d. loan e. loan guarantee f. loan insurance	2. Status of Federal Action: a. bid/offer/application b. initial award c. post-award	3. Report Type: a. initial filing b. material change For Material Change Only: Year: _____ Quarter: _____ Date of last report: _____ (mm/dd/yyyy)
4. Name and Address of Reporting Entity: <input type="checkbox"/> Prime <input type="checkbox"/> Subawardee Tier _____, <i>if known</i> : _____ _____ _____ Congressional District, <i>if known</i> : 4c _____	5. If Reporting Entity in No. 4 is a Subawardee, Enter Name and Address of Prime: _____ _____ _____ Congressional District, <i>if known</i> : _____	
6. Federal Department/Agency: _____ _____	7. Federal Program Name/Description: _____ _____ CFDA Number, <i>if applicable</i> : _____	
8. Federal Action Number, if known: _____	9. Award Amount, if known: \$ _____	
10. a. Name and Address of Lobbying Registrant (<i>if individual, last name, first name, MI</i>): _____ _____ _____	b. Individuals Performing Services (<i>including address if different from No. 10a</i>) (<i>last name, first name, MI</i>): _____ _____ _____	
11. Information requested through this form is authorized by title 31 U.S.C. section 1352. This disclosure of lobbying activities is a material representation of fact upon which reliance was placed by the tier above when this transaction was made or entered into. This disclosure is required pursuant to 31 U.S.C. 1352. This information will be available for public inspection. Any person who fails to file the required disclosure shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.	Signature: _____ Print Name: _____ Title: _____ Telephone No.: _____ Date (mm/dd/yyyy): _____	
Federal Use Only:	Authorized for Local Reproduction Standard Form LLL (Rev. 7-97)	

INSTRUCTIONS FOR COMPLETION OF SF-LLL, DISCLOSURE OF LOBBYING ACTIVITIES

This disclosure form shall be completed by the reporting entity, whether subawardee or prime Federal recipient, at the initiation or receipt of a covered Federal action, or a material change to a previous filing, pursuant to title 31 U.S.C. section 1352. The filing of a form is required for each payment or agreement to make payment to any lobbying entity for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with a covered Federal action. Complete all items that apply for both the initial filing and material change report. Refer to the implementing guidance published by the Office of Management and Budget for additional information.

1. Identify the type of covered Federal action for which lobbying activity is and/or has been secured to influence the outcome of a covered Federal action.
2. Identify the status of the covered Federal action.
3. Identify the appropriate classification of this report. If this is a followup report caused by a material change to the information previously reported, enter the year and quarter in which the change occurred. Enter the date of the last previously submitted report by this reporting entity for this covered Federal action.
4. Enter the fullname, address, city, State and zip code of the reporting entity. Include Congressional District, if known. Check the appropriate classification of the reporting entity that designates if it is, or expects to be, a prime or subaward recipient. Identify the tier of the subawardee, e.g., the first subawardee of the prime is the 1st tier. Subawards include but are not limited to subcontracts, subgrants and contract awards under grants.
5. If the organization filing the report in item 4 checks "Subawardee," then enter the full name, address, city, State and zip code of the prime Federal recipient. Include Congressional District, if known.
6. Enter the name of the Federal agency making the award or loan commitment. Include at least one organizational level below agency name, if known. For example, Department of Transportation, United States Coast Guard.
7. Enter the Federal program name or description for the covered Federal action (item 1). If known, enter the full Catalog of Federal Domestic Assistance (CFDA) number for grants, cooperative agreements, loans, and loan commitments.
8. Enter the most appropriate Federal identifying number available for the Federal action identified in item 1 (e.g., Request for Proposal (RFP) number; Invitation for Bid (IFB) number; grant announcement number; the contract, grant, or loan award number; the application/proposal control number assigned by the Federal agency). Include prefixes, e.g., "RFP-DE-90-001."
9. For a covered Federal action where there has been an award or loan commitment by the Federal agency, enter the Federal amount of the award/loan commitment for the prime entity identified in item 4 or 5.
10. (a) Enter the full name, address, city, State and zip code of the lobbying registrant under the Lobbying Disclosure Act of 1995 engaged by the reporting entity identified in item 4 to influence the covered Federal action.

(b) Enter the full names of the individual(s) performing services, and include full address if different from 10 (a). Enter Last Name, First Name, and Middle Initial (MI).
11. The certifying official shall sign and date the form, print his/her name, title, and telephone number.

According to the Paperwork Reduction Act, as amended, no persons are required to respond to a collection of information unless it displays a valid OMB Control Number. The valid OMB control number for this information collection is OMB No. 0348-0046. Public reporting burden for this collection of information is estimated to average 10 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0046), Washington, DC 20503.

ITEM/SEGMENT NO.: _____
F.A.P. NO.: _____
MANAGING DISTRICT: _____
PARCEL NO.: _____
COUNTY OF: _____
BID LETTING OF: _____

I, _____, hereby declare that I am
(NAME)
_____ of _____
(TITLE) (FIRM)
of _____
(CITY AND STATE)

and that I am the person responsible within my firm for the final decision as to the price(s) and amount of this Bid on this State Project.

I further declare that:

1. The prices(s) and amount of this bid have been arrived at independently, without consultation, communication or agreement, for the purpose of restricting competition with any other contractor, bidder or potential bidder.
2. Neither the price(s) nor the amount of this bid have been disclosed to any other firm or person who is a bidder or potential bidder on this project, and will not be so disclosed prior to the bid opening.
3. No attempt has been made or will be made to solicit, cause or induce any other firm or person to refrain from bidding on this project, or to submit a bid higher than the bid of this firm, or any intentionally high or non-competitive bid or other form of complementary bid.
4. The bid of my firm is made in good faith and not pursuant to any agreement or discussion with, or inducement from, any firm or person to submit a complementary bid.
5. My firm has not offered or entered into a subcontract or agreement regarding the purchase of materials or services from any firm or person, or offered, promised or paid cash or anything of value to any firm or person, whether in connection with this or any other project, in consideration for an agreement or promise by any firm or person to refrain from bidding or to submit a complementary bid on this project.
6. My firm has not accepted or been promised any subcontract or agreement regarding the sale of materials or services to any firm or person, and has not been promised or paid cash or anything of value by any firm or person, whether in connection with this or any other project, in consideration for my firm's submitting a complementary bid, or agreeing to do so, on this project.
7. I have made a diligent inquiry of all members, officers, employees, and agents of my firm with responsibilities relating to the preparation, approval or submission of my firm's bid on this project and have been advised by each of them that he or she has not participated in any communication, consultation, discussion, agreement, collusion, act or other conduct inconsistent with any of the statements and representations made in this Declaration.
8. As required by Section 337.165, Florida Statutes, the firm has fully informed the Department of Transportation in writing of all convictions of the firm, its affiliates (as defined in Section 337.165(1)(a), Florida Statutes), and all directors, officers, and employees of the firm and its affiliates for violation of state or federal antitrust laws with respect to a public contract or for violation of any state or federal law involving fraud, bribery, collusion, conspiracy or material misrepresentation with respect to a public contract. This includes disclosure of the names of current employees of the firm or affiliates who were convicted of contract crimes while in the employ of another company.

9. I certify that, except as noted below, neither my firm nor any person associated therewith in the capacity of owner, partner, director, officer, principal, investigator, project director, manager, auditor, and/or position involving the administration of Federal funds:

(a) is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions, as defined in 49 CFR §29.110(a), by any Federal department or agency;

(b) has within a three-year period preceding this certification been convicted of or had a civil judgment rendered against him or her for: commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a Federal, State or local government transaction or public contract; violation of Federal or State antitrust statutes; or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements or receiving stolen property;

(c) is presently indicted for or otherwise criminally or civilly charged by a Federal, State or local governmental entity with commission of any of the offenses enumerated in paragraph 9(b) of this certification; and

(d) has within a three-year period preceding this certification had one or more Federal, State or local government public transactions terminated for cause or default.

10. I(We), certify that I(We), shall not knowingly enter into any transaction with any subcontractor, material supplier, or vendor who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this contract by any Federal Agency unless authorized by the Department.

Where I am unable to declare or certify as to any of the statements contained in the above stated paragraphs numbered (1) through (10), I have provided an explanation in the "Exceptions" portion below or by attached separate sheet.

EXCEPTIONS:

(Any exception listed above will not necessarily result in denial of award, but will be considered in determining bidder responsibility. For any exception noted, indicate to whom it applies, initiating agency and dates of agency action. Providing false information may result in criminal prosecution and/or administrative sanctions.)

I declare under penalty of perjury that the foregoing is true and correct.

CONTRACTOR: _____ (Seal)

BY: _____
NAME AND TITLE PRINTED

WITNESS: _____

BY: _____
SIGNATURE

WITNESS: _____

Executed on this _____ day of _____, _____

**FAILURE TO FULLY COMPLETE AND EXECUTE THIS DOCUMENT
MAY RESULT IN THE BID BEING DECLARED NONRESPONSIVE**

REQUIRED CONTRACT PROVISIONS

This certification applies to subcontractors, material suppliers, vendors and other lower tier participants.

- Appendix B of 49 CFR Part 29 –

Appendix B—Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion—Lower Tier Covered Transactions

Instructions for Certification

1. By signing and submitting this proposal, the prospective lower tier participant is providing the certification set out below.
2. The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered. If it is later determined that the prospective lower tier participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.
3. The prospective lower tier participant shall provide immediate written notice to the person to which this proposal is submitted if at any time the prospective lower tier participant learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.
4. The terms "covered transaction," "debarred," "suspended," "ineligible," "lower tier covered transaction," "participant," "person," "primary covered transaction," "principal," "proposal," and "voluntarily excluded," as used in this clause, have the meanings set out in the Definitions and Coverage sections of rules implementing Executive Order 12549. You may contact the person to whom this proposal is submitted for assistance in obtaining a copy of those regulations.
5. The prospective lower tier participant agrees by submitting this proposal that it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency with which this transaction originated.
6. The prospective lower tier participant further agrees by submitting this proposal that it will include this clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion--Lower Tier Covered Transaction," without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions.
7. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that it is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant may decide the method and frequency by which it determines the eligibility of its principals. Each participant may, but is not required to, check the Nonprocurement List.
8. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of a participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.
9. Except for transactions authorized under paragraph 5 of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.

Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion—Lower Tier Covered Transactions

- (1) The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntary excluded from participation in this transaction by any Federal department or agency.
- (2) Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

E-Verify Acknowledgment Form

375-040-68
PROCUREMENT
01/11

Contract No: _____
Financial Project No(s): _____
Project Description: _____

Vendor/Consultant acknowledges and agrees to the following:
Vendor/Consultant shall utilize the U.S. Department of Homeland Security's E-Verify system, in accordance with the terms governing use of the system, to confirm the employment eligibility of;

1. all persons employed by the Vendor/Consultant during the term of the Contract to perform employment duties within Florida; and
2. all persons including subcontractors, assigned by the Vendor/Consultant to Perform work pursuant to the contract with the Department.

Company/Firm: _____

Authorized Signature: _____

Title: _____

Date: _____

Prime Contractor: _____

Address/Phone Number: _____

Procurement Number: _____

49 CFR Part 26.11 The list is intended to be a listing of all firms that are participating, or attempting to participate, on DOT-assisted contracts. The list must include all firms that bid on prime contracts, or bid or quote subcontracts and supplies materials on DOT-assisted projects, including both DBEs and non-DBEs. This list must include all subcontractors contacting you and expressing an interest in teaming with you on a specific DOT-assisted project. Prime contractors must provide information for Numbers 1, 2, 3 and 4, and should provide any information they have available on Numbers 5, 6, and 7 for themselves, and their subcontractors.

1. Federal Tax ID Number: _____
2. Firm Name: _____
3. Phone: _____
4. Address: _____

5. Year Firm Established: _____

6. DBE
 Non-DBE

7. Annual Gross Receipts
 Less than \$1 million
 Between \$1 - \$5 million
 Between \$5 - \$10 million
 Between \$10 - \$15 million
 More than \$15 million

1. Federal Tax ID Number: _____
2. Firm Name: _____
3. Phone: _____
4. Address: _____

5. Year Firm Established: _____

6. DBE
 Non-DBE

7. Annual Gross Receipts
 Less than \$1 million
 Between \$1 - \$5 million
 Between \$5 - \$10 million
 Between \$10 - \$15 million
 More than \$15 million

1. Federal Tax ID Number: _____
2. Firm Name: _____
3. Phone: _____
4. Address: _____

5. Year Firm Established: _____

6. DBE
 Non-DBE

7. Annual Gross Receipts
 Less than \$1 million
 Between \$1 - \$5 million
 Between \$5 - \$10 million
 Between \$10 - \$15 million
 More than \$15 million

1. Federal Tax ID Number: _____
2. Firm Name: _____
3. Phone: _____
4. Address: _____

5. Year Firm Established: _____

6. DBE
 Non-DBE

7. Annual Gross Receipts
 Less than \$1 million
 Between \$1 - \$5 million
 Between \$5 - \$10 million
 Between \$10 - \$15 million
 More than \$15 million

AS APPLICABLE, PLEASE SUBMIT THIS FORM WITH YOUR:

**BID SHEET (Invitation to Bid – ITB)
PRICE PROPOSAL (Request for Proposal – RFP)
REPLY (Invitation to Negotiate – ITN)**

**REQUIRED CONTRACT PROVISIONS
FEDERAL-AID CONSTRUCTION CONTRACTS**

- I. General
- II. Nondiscrimination
- III. Nonsegregated Facilities
- IV. Davis-Bacon and Related Act Provisions
- V. Contract Work Hours and Safety Standards Act Provisions
- VI. Subletting or Assigning the Contract
- VII. Safety: Accident Prevention
- VIII. False Statements Concerning Highway Projects
- IX. Implementation of Clean Air Act and Federal Water Pollution Control Act
- X. Compliance with Governmentwide Suspension and Debarment Requirements
- XI. Certification Regarding Use of Contract Funds for Lobbying

ATTACHMENTS

A. Employment and Materials Preference for Appalachian Development Highway System or Appalachian Local Access Road Contracts (included in Appalachian contracts only)

I. GENERAL

1. Form FHWA-1273 must be physically incorporated in each construction contract funded under Title 23 (excluding emergency contracts solely intended for debris removal). The contractor (or subcontractor) must insert this form in each subcontract and further require its inclusion in all lower tier subcontracts (excluding purchase orders, rental agreements and other agreements for supplies or services).

The applicable requirements of Form FHWA-1273 are incorporated by reference for work done under any purchase order, rental agreement or agreement for other services. The prime contractor shall be responsible for compliance by any subcontractor, lower-tier subcontractor or service provider.

Form FHWA-1273 must be included in all Federal-aid design-build contracts, in all subcontracts and in lower tier subcontracts (excluding subcontracts for design services, purchase orders, rental agreements and other agreements for supplies or services). The design-builder shall be responsible for compliance by any subcontractor, lower-tier subcontractor or service provider.

Contracting agencies may reference Form FHWA-1273 in bid proposal or request for proposal documents, however, the Form FHWA-1273 must be physically incorporated (not referenced) in all contracts, subcontracts and lower-tier subcontracts (excluding purchase orders, rental agreements and other agreements for supplies or services related to a construction contract).

2. Subject to the applicability criteria noted in the following sections, these contract provisions shall apply to all work performed on the contract by the contractor's own organization and with the assistance of workers under the contractor's immediate superintendence and to all work performed on the contract by piecework, station work, or by subcontract.

3. A breach of any of the stipulations contained in these Required Contract Provisions may be sufficient grounds for withholding of progress payments, withholding of final payment, termination of the contract, suspension / debarment or any other action determined to be appropriate by the contracting agency and FHWA.

4. Selection of Labor: During the performance of this contract, the contractor shall not use convict labor for any purpose within the limits of a construction project on a Federal-aid highway unless it is labor performed by convicts who are on parole, supervised release, or probation. The term Federal-aid highway does not include roadways functionally classified as local roads or rural minor collectors.

II. NONDISCRIMINATION

The provisions of this section related to 23 CFR Part 230 are applicable to all Federal-aid construction contracts and to all related construction subcontracts of \$10,000 or more. The provisions of 23 CFR Part 230 are not applicable to material supply, engineering, or architectural service contracts.

In addition, the contractor and all subcontractors must comply with the following policies: Executive Order 11246, 41 CFR 60, 29 CFR 1625-1627, Title 23 USC Section 140, the Rehabilitation Act of 1973, as amended (29 USC 794), Title VI of the Civil Rights Act of 1964, as amended, and related regulations including 49 CFR Parts 21, 26 and 27; and 23 CFR Parts 200, 230, and 633.

The contractor and all subcontractors must comply with: the requirements of the Equal Opportunity Clause in 41 CFR 60-1.4(b) and, for all construction contracts exceeding \$10,000, the Standard Federal Equal Employment Opportunity Construction Contract Specifications in 41 CFR 60-4.3.

Note: The U.S. Department of Labor has exclusive authority to determine compliance with Executive Order 11246 and the policies of the Secretary of Labor including 41 CFR 60, and 29 CFR 1625-1627. The contracting agency and the FHWA have the authority and the responsibility to ensure compliance with Title 23 USC Section 140, the Rehabilitation Act of 1973, as amended (29 USC 794), and Title VI of the Civil Rights Act of 1964, as amended, and related regulations including 49 CFR Parts 21, 26 and 27; and 23 CFR Parts 200, 230, and 633.

The following provision is adopted from 23 CFR 230, Appendix A, with appropriate revisions to conform to the U.S. Department of Labor (US DOL) and FHWA requirements.

1. Equal Employment Opportunity: Equal employment opportunity (EEO) requirements not to discriminate and to take affirmative action to assure equal opportunity as set forth under laws, executive orders, rules, regulations (28 CFR 35, 29 CFR 1630, 29 CFR 1625-1627, 41 CFR 60 and 49 CFR 27) and orders of the Secretary of Labor as modified by the provisions prescribed herein, and imposed pursuant to 23 U.S.C. 140 shall constitute the EEO and specific affirmative action standards for the contractor's project activities under

this contract. The provisions of the Americans with Disabilities Act of 1990 (42 U.S.C. 12101 et seq.) set forth under 28 CFR 35 and 29 CFR 1630 are incorporated by reference in this contract. In the execution of this contract, the contractor agrees to comply with the following minimum specific requirement activities of EEO:

a. The contractor will work with the contracting agency and the Federal Government to ensure that it has made every good faith effort to provide equal opportunity with respect to all of its terms and conditions of employment and in their review of activities under the contract.

b. The contractor will accept as its operating policy the following statement:

"It is the policy of this Company to assure that applicants are employed, and that employees are treated during employment, without regard to their race, religion, sex, color, national origin, age or disability. Such action shall include: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship, pre-apprenticeship, and/or on-the-job training."

2. EEO Officer: The contractor will designate and make known to the contracting officers an EEO Officer who will have the responsibility for and must be capable of effectively administering and promoting an active EEO program and who must be assigned adequate authority and responsibility to do so.

3. Dissemination of Policy: All members of the contractor's staff who are authorized to hire, supervise, promote, and discharge employees, or who recommend such action, or who are substantially involved in such action, will be made fully cognizant of, and will implement, the contractor's EEO policy and contractual responsibilities to provide EEO in each grade and classification of employment. To ensure that the above agreement will be met, the following actions will be taken as a minimum:

a. Periodic meetings of supervisory and personnel office employees will be conducted before the start of work and then not less often than once every six months, at which time the contractor's EEO policy and its implementation will be reviewed and explained. The meetings will be conducted by the EEO Officer.

b. All new supervisory or personnel office employees will be given a thorough indoctrination by the EEO Officer, covering all major aspects of the contractor's EEO obligations within thirty days following their reporting for duty with the contractor.

c. All personnel who are engaged in direct recruitment for the project will be instructed by the EEO Officer in the contractor's procedures for locating and hiring minorities and women.

d. Notices and posters setting forth the contractor's EEO policy will be placed in areas readily accessible to employees, applicants for employment and potential employees.

e. The contractor's EEO policy and the procedures to implement such policy will be brought to the attention of employees by means of meetings, employee handbooks, or other appropriate means.

4. Recruitment: When advertising for employees, the contractor will include in all advertisements for employees the notation: "An Equal Opportunity Employer." All such advertisements will be placed in publications having a large circulation among minorities and women in the area from which the project work force would normally be derived.

a. The contractor will, unless precluded by a valid bargaining agreement, conduct systematic and direct recruitment through public and private employee referral sources likely to yield qualified minorities and women. To meet this requirement, the contractor will identify sources of potential minority group employees, and establish with such identified sources procedures whereby minority and women applicants may be referred to the contractor for employment consideration.

b. In the event the contractor has a valid bargaining agreement providing for exclusive hiring hall referrals, the contractor is expected to observe the provisions of that agreement to the extent that the system meets the contractor's compliance with EEO contract provisions. Where implementation of such an agreement has the effect of discriminating against minorities or women, or obligates the contractor to do the same, such implementation violates Federal nondiscrimination provisions.

c. The contractor will encourage its present employees to refer minorities and women as applicants for employment. Information and procedures with regard to referring such applicants will be discussed with employees.

5. Personnel Actions: Wages, working conditions, and employee benefits shall be established and administered, and personnel actions of every type, including hiring, upgrading, promotion, transfer, demotion, layoff, and termination, shall be taken without regard to race, color, religion, sex, national origin, age or disability. The following procedures shall be followed:

a. The contractor will conduct periodic inspections of project sites to insure that working conditions and employee facilities do not indicate discriminatory treatment of project site personnel.

b. The contractor will periodically evaluate the spread of wages paid within each classification to determine any evidence of discriminatory wage practices.

c. The contractor will periodically review selected personnel actions in depth to determine whether there is evidence of discrimination. Where evidence is found, the contractor will promptly take corrective action. If the review indicates that the discrimination may extend beyond the actions reviewed, such corrective action shall include all affected persons.

d. The contractor will promptly investigate all complaints of alleged discrimination made to the contractor in connection with its obligations under this contract, will attempt to resolve such complaints, and will take appropriate corrective action within a reasonable time. If the investigation indicates that the discrimination may affect persons other than the complainant, such corrective action shall include such other persons. Upon completion of each investigation, the contractor will inform every complainant of all of their avenues of appeal.

6. Training and Promotion:

a. The contractor will assist in locating, qualifying, and increasing the skills of minorities and women who are

applicants for employment or current employees. Such efforts should be aimed at developing full journey level status employees in the type of trade or job classification involved.

b. Consistent with the contractor's work force requirements and as permissible under Federal and State regulations, the contractor shall make full use of training programs, i.e., apprenticeship, and on-the-job training programs for the geographical area of contract performance. In the event a special provision for training is provided under this contract, this subparagraph will be superseded as indicated in the special provision. The contracting agency may reserve training positions for persons who receive welfare assistance in accordance with 23 U.S.C. 140(a).

c. The contractor will advise employees and applicants for employment of available training programs and entrance requirements for each.

d. The contractor will periodically review the training and promotion potential of employees who are minorities and women and will encourage eligible employees to apply for such training and promotion.

7. Unions: If the contractor relies in whole or in part upon unions as a source of employees, the contractor will use good faith efforts to obtain the cooperation of such unions to increase opportunities for minorities and women. Actions by the contractor, either directly or through a contractor's association acting as agent, will include the procedures set forth below:

a. The contractor will use good faith efforts to develop, in cooperation with the unions, joint training programs aimed toward qualifying more minorities and women for membership in the unions and increasing the skills of minorities and women so that they may qualify for higher paying employment.

b. The contractor will use good faith efforts to incorporate an EEO clause into each union agreement to the end that such union will be contractually bound to refer applicants without regard to their race, color, religion, sex, national origin, age or disability.

c. The contractor is to obtain information as to the referral practices and policies of the labor union except that to the extent such information is within the exclusive possession of the labor union and such labor union refuses to furnish such information to the contractor, the contractor shall so certify to the contracting agency and shall set forth what efforts have been made to obtain such information.

d. In the event the union is unable to provide the contractor with a reasonable flow of referrals within the time limit set forth in the collective bargaining agreement, the contractor will, through independent recruitment efforts, fill the employment vacancies without regard to race, color, religion, sex, national origin, age or disability; making full efforts to obtain qualified and/or qualifiable minorities and women. The failure of a union to provide sufficient referrals (even though it is obligated to provide exclusive referrals under the terms of a collective bargaining agreement) does not relieve the contractor from the requirements of this paragraph. In the event the union referral practice prevents the contractor from meeting the obligations pursuant to Executive Order 11246, as amended, and these special provisions, such contractor shall immediately notify the contracting agency.

8. Reasonable Accommodation for Applicants / Employees with Disabilities: The contractor must be familiar

with the requirements for and comply with the Americans with Disabilities Act and all rules and regulations established there under. Employers must provide reasonable accommodation in all employment activities unless to do so would cause an undue hardship.

9. Selection of Subcontractors, Procurement of Materials and Leasing of Equipment: The contractor shall not discriminate on the grounds of race, color, religion, sex, national origin, age or disability in the selection and retention of subcontractors, including procurement of materials and leases of equipment. The contractor shall take all necessary and reasonable steps to ensure nondiscrimination in the administration of this contract.

a. The contractor shall notify all potential subcontractors and suppliers and lessors of their EEO obligations under this contract.

b. The contractor will use good faith efforts to ensure subcontractor compliance with their EEO obligations.

10. Assurance Required by 49 CFR 26.13(b):

a. The requirements of 49 CFR Part 26 and the State DOT's U.S. DOT-approved DBE program are incorporated by reference.

b. The contractor or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The contractor shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of DOT-assisted contracts. Failure by the contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy as the contracting agency deems appropriate.

11. Records and Reports: The contractor shall keep such records as necessary to document compliance with the EEO requirements. Such records shall be retained for a period of three years following the date of the final payment to the contractor for all contract work and shall be available at reasonable times and places for inspection by authorized representatives of the contracting agency and the FHWA.

a. The records kept by the contractor shall document the following:

(1) The number and work hours of minority and non-minority group members and women employed in each work classification on the project;

(2) The progress and efforts being made in cooperation with unions, when applicable, to increase employment opportunities for minorities and women; and

(3) The progress and efforts being made in locating, hiring, training, qualifying, and upgrading minorities and women;

b. The contractors and subcontractors will submit an annual report to the contracting agency each July for the duration of the project, indicating the number of minority, women, and non-minority group employees currently engaged in each work classification required by the contract work. This information is to be reported on [Form FHWA-1391](#). The staffing data should represent the project work force on board in all or any part of the last payroll period preceding the end of July. If on-the-job training is being required by special provision, the contractor

will be required to collect and report training data. The employment data should reflect the work force on board during all or any part of the last payroll period preceding the end of July.

III. NONSEGREGATED FACILITIES

This provision is applicable to all Federal-aid construction contracts and to all related construction subcontracts of \$10,000 or more.

The contractor must ensure that facilities provided for employees are provided in such a manner that segregation on the basis of race, color, religion, sex, or national origin cannot result. The contractor may neither require such segregated use by written or oral policies nor tolerate such use by employee custom. The contractor's obligation extends further to ensure that its employees are not assigned to perform their services at any location, under the contractor's control, where the facilities are segregated. The term "facilities" includes waiting rooms, work areas, restaurants and other eating areas, time clocks, restrooms, washrooms, locker rooms, and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing provided for employees. The contractor shall provide separate or single-user restrooms and necessary dressing or sleeping areas to assure privacy between sexes.

IV. DAVIS-BACON AND RELATED ACT PROVISIONS

This section is applicable to all Federal-aid construction projects exceeding \$2,000 and to all related subcontracts and lower-tier subcontracts (regardless of subcontract size). The requirements apply to all projects located within the right-of-way of a roadway that is functionally classified as Federal-aid highway. This excludes roadways functionally classified as local roads or rural minor collectors, which are exempt. Contracting agencies may elect to apply these requirements to other projects.

The following provisions are from the U.S. Department of Labor regulations in 29 CFR 5.5 "Contract provisions and related matters" with minor revisions to conform to the FHWA-1273 format and FHWA program requirements.

1. Minimum wages

a. All laborers and mechanics employed or working upon the site of the work, will be paid unconditionally and not less often than once a week, and without subsequent deduction or rebate on any account (except such payroll deductions as are permitted by regulations issued by the Secretary of Labor under the Copeland Act (29 CFR part 3)), the full amount of wages and bona fide fringe benefits (or cash equivalents thereof) due at time of payment computed at rates not less than those contained in the wage determination of the Secretary of Labor which is attached hereto and made a part hereof, regardless of any contractual relationship which may be alleged to exist between the contractor and such laborers and mechanics.

Contributions made or costs reasonably anticipated for bona fide fringe benefits under section 1(b)(2) of the Davis-Bacon Act on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions

of paragraph 1.d. of this section; also, regular contributions made or costs incurred for more than a weekly period (but not less often than quarterly) under plans, funds, or programs which cover the particular weekly period, are deemed to be constructively made or incurred during such weekly period. Such laborers and mechanics shall be paid the appropriate wage rate and fringe benefits on the wage determination for the classification of work actually performed, without regard to skill, except as provided in 29 CFR 5.5(a)(4). Laborers or mechanics performing work in more than one classification may be compensated at the rate specified for each classification for the time actually worked therein: Provided, That the employer's payroll records accurately set forth the time spent in each classification in which work is performed. The wage determination (including any additional classification and wage rates conformed under paragraph 1.b. of this section) and the Davis-Bacon poster (WH-1321) shall be posted at all times by the contractor and its subcontractors at the site of the work in a prominent and accessible place where it can be easily seen by the workers.

b. (1) The contracting officer shall require that any class of laborers or mechanics, including helpers, which is not listed in the wage determination and which is to be employed under the contract shall be classified in conformance with the wage determination. The contracting officer shall approve an additional classification and wage rate and fringe benefits therefore only when the following criteria have been met:

(i) The work to be performed by the classification requested is not performed by a classification in the wage determination; and

(ii) The classification is utilized in the area by the construction industry; and

(iii) The proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination.

(2) If the contractor and the laborers and mechanics to be employed in the classification (if known), or their representatives, and the contracting officer agree on the classification and wage rate (including the amount designated for fringe benefits where appropriate), a report of the action taken shall be sent by the contracting officer to the Administrator of the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, Washington, DC 20210. The Administrator, or an authorized representative, will approve, modify, or disapprove every additional classification action within 30 days of receipt and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.

(3) In the event the contractor, the laborers or mechanics to be employed in the classification or their representatives, and the contracting officer do not agree on the proposed classification and wage rate (including the amount designated for fringe benefits, where appropriate), the contracting officer shall refer the questions, including the views of all interested parties and the recommendation of the contracting officer, to the Wage and Hour Administrator for determination. The Wage and Hour Administrator, or an authorized representative, will issue a determination within 30 days of receipt and so advise the contracting officer or

will notify the contracting officer within the 30-day period that additional time is necessary.

(4) The wage rate (including fringe benefits where appropriate) determined pursuant to paragraphs 1.b.(2) or 1.b.(3) of this section, shall be paid to all workers performing work in the classification under this contract from the first day on which work is performed in the classification.

c. Whenever the minimum wage rate prescribed in the contract for a class of laborers or mechanics includes a fringe benefit which is not expressed as an hourly rate, the contractor shall either pay the benefit as stated in the wage determination or shall pay another bona fide fringe benefit or an hourly cash equivalent thereof.

d. If the contractor does not make payments to a trustee or other third person, the contractor may consider as part of the wages of any laborer or mechanic the amount of any costs reasonably anticipated in providing bona fide fringe benefits under a plan or program. Provided, That the Secretary of Labor has found, upon the written request of the contractor, that the applicable standards of the Davis-Bacon Act have been met. The Secretary of Labor may require the contractor to set aside in a separate account assets for the meeting of obligations under the plan or program.

2. Withholding

The contracting agency shall upon its own action or upon written request of an authorized representative of the Department of Labor, withhold or cause to be withheld from the contractor under this contract, or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to Davis-Bacon prevailing wage requirements, which is held by the same prime contractor, so much of the accrued payments or advances as may be considered necessary to pay laborers and mechanics, including apprentices, trainees, and helpers, employed by the contractor or any subcontractor the full amount of wages required by the contract. In the event of failure to pay any laborer or mechanic, including any apprentice, trainee, or helper, employed or working on the site of the work, all or part of the wages required by the contract, the contracting agency may, after written notice to the contractor, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds until such violations have ceased.

3. Payrolls and basic records

a. Payrolls and basic records relating thereto shall be maintained by the contractor during the course of the work and preserved for a period of three years thereafter for all laborers and mechanics working at the site of the work. Such records shall contain the name, address, and social security number of each such worker, his or her correct classification, hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalents thereof of the types described in section 1(b)(2)(B) of the Davis-Bacon Act), daily and weekly number of hours worked, deductions made and actual wages paid. Whenever the Secretary of Labor has found under 29 CFR 5.5(a)(1)(iv) that the wages of any laborer or mechanic include the amount of any costs reasonably anticipated in providing benefits under a plan or program described in section 1(b)(2)(B) of the Davis-

Bacon Act, the contractor shall maintain records which show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, and that the plan or program has been communicated in writing to the laborers or mechanics affected, and records which show the costs anticipated or the actual cost incurred in providing such benefits. Contractors employing apprentices or trainees under approved programs shall maintain written evidence of the registration of apprenticeship programs and certification of trainee programs, the registration of the apprentices and trainees, and the ratios and wage rates prescribed in the applicable programs.

b.(1) The contractor shall submit weekly for each week in which any contract work is performed a copy of all payrolls to the contracting agency. The payrolls submitted shall set out accurately and completely all of the information required to be maintained under 29 CFR 5.5(a)(3)(i), except that full social security numbers and home addresses shall not be included on weekly transmittals. Instead the payrolls shall only need to include an individually identifying number for each employee (e.g., the last four digits of the employee's social security number). The required weekly payroll information may be submitted in any form desired. Optional Form WH-347 is available for this purpose from the Wage and Hour Division Web site at <http://www.dol.gov/esa/whd/forms/wh347instr.htm> or its successor site. The prime contractor is responsible for the submission of copies of payrolls by all subcontractors. Contractors and subcontractors shall maintain the full social security number and current address of each covered worker, and shall provide them upon request to the contracting agency for transmission to the State DOT, the FHWA or the Wage and Hour Division of the Department of Labor for purposes of an investigation or audit of compliance with prevailing wage requirements. It is not a violation of this section for a prime contractor to require a subcontractor to provide addresses and social security numbers to the prime contractor for its own records, without weekly submission to the contracting agency..

(2) Each payroll submitted shall be accompanied by a "Statement of Compliance," signed by the contractor or subcontractor or his or her agent who pays or supervises the payment of the persons employed under the contract and shall certify the following:

(i) That the payroll for the payroll period contains the information required to be provided under §5.5 (a)(3)(ii) of Regulations, 29 CFR part 5, the appropriate information is being maintained under §5.5 (a)(3)(i) of Regulations, 29 CFR part 5, and that such information is correct and complete;

(ii) That each laborer or mechanic (including each helper, apprentice, and trainee) employed on the contract during the payroll period has been paid the full weekly wages earned, without rebate, either directly or indirectly, and that no deductions have been made either directly or indirectly from the full wages earned, other than permissible deductions as set forth in Regulations, 29 CFR part 3;

(iii) That each laborer or mechanic has been paid not less than the applicable wage rates and fringe benefits or cash equivalents for the classification of work performed, as specified in the applicable wage determination incorporated into the contract.

(3) The weekly submission of a properly executed certification set forth on the reverse side of Optional Form WH-347 shall satisfy the requirement for submission of the "Statement of Compliance" required by paragraph 3.b.(2) of this section.

(4) The falsification of any of the above certifications may subject the contractor or subcontractor to civil or criminal prosecution under section 1001 of title 18 and section 231 of title 31 of the United States Code.

c. The contractor or subcontractor shall make the records required under paragraph 3.a. of this section available for inspection, copying, or transcription by authorized representatives of the contracting agency, the State DOT, the FHWA, or the Department of Labor, and shall permit such representatives to interview employees during working hours on the job. If the contractor or subcontractor fails to submit the required records or to make them available, the FHWA may, after written notice to the contractor, the contracting agency or the State DOT, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds. Furthermore, failure to submit the required records upon request or to make such records available may be grounds for debarment action pursuant to 29 CFR 5.12.

4. Apprentices and trainees

a. Apprentices (programs of the USDOL).

Apprentices will be permitted to work at less than the predetermined rate for the work they performed when they are employed pursuant to and individually registered in a bona fide apprenticeship program registered with the U.S. Department of Labor, Employment and Training Administration, Office of Apprenticeship Training, Employer and Labor Services, or with a State Apprenticeship Agency recognized by the Office, or if a person is employed in his or her first 90 days of probationary employment as an apprentice in such an apprenticeship program, who is not individually registered in the program, but who has been certified by the Office of Apprenticeship Training, Employer and Labor Services or a State Apprenticeship Agency (where appropriate) to be eligible for probationary employment as an apprentice.

The allowable ratio of apprentices to journeymen on the job site in any craft classification shall not be greater than the ratio permitted to the contractor as to the entire work force under the registered program. Any worker listed on a payroll at an apprentice wage rate, who is not registered or otherwise employed as stated above, shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any apprentice performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. Where a contractor is performing construction on a project in a locality other than that in which its program is registered, the ratios and wage rates (expressed in percentages of the journeyman's hourly rate) specified in the contractor's or subcontractor's registered program shall be observed.

Every apprentice must be paid at not less than the rate specified in the registered program for the apprentice's level of progress, expressed as a percentage of the journeymen hourly

rate specified in the applicable wage determination. Apprentices shall be paid fringe benefits in accordance with the provisions of the apprenticeship program. If the apprenticeship program does not specify fringe benefits, apprentices must be paid the full amount of fringe benefits listed on the wage determination for the applicable classification. If the Administrator determines that a different practice prevails for the applicable apprentice classification, fringes shall be paid in accordance with that determination.

In the event the Office of Apprenticeship Training, Employer and Labor Services, or a State Apprenticeship Agency recognized by the Office, withdraws approval of an apprenticeship program, the contractor will no longer be permitted to utilize apprentices at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

b. Trainees (programs of the USDOL).

Except as provided in 29 CFR 5.16, trainees will not be permitted to work at less than the predetermined rate for the work performed unless they are employed pursuant to and individually registered in a program which has received prior approval, evidenced by formal certification by the U.S. Department of Labor, Employment and Training Administration.

The ratio of trainees to journeymen on the job site shall not be greater than permitted under the plan approved by the Employment and Training Administration.

Every trainee must be paid at not less than the rate specified in the approved program for the trainee's level of progress, expressed as a percentage of the journeyman hourly rate specified in the applicable wage determination. Trainees shall be paid fringe benefits in accordance with the provisions of the trainee program. If the trainee program does not mention fringe benefits, trainees shall be paid the full amount of fringe benefits listed on the wage determination unless the Administrator of the Wage and Hour Division determines that there is an apprenticeship program associated with the corresponding journeyman wage rate on the wage determination which provides for less than full fringe benefits for apprentices. Any employee listed on the payroll at a trainee rate who is not registered and participating in a training plan approved by the Employment and Training Administration shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any trainee performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed.

In the event the Employment and Training Administration withdraws approval of a training program, the contractor will no longer be permitted to utilize trainees at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

c. Equal employment opportunity. The utilization of apprentices, trainees and journeymen under this part shall be in conformity with the equal employment opportunity requirements of Executive Order 11246, as amended, and 29 CFR part 30.

d. Apprentices and Trainees (programs of the U.S. DOT).

Apprentices and trainees working under apprenticeship and skill training programs which have been certified by the Secretary of Transportation as promoting EEO in connection with Federal-aid highway construction programs are not subject to the requirements of paragraph 4 of this Section IV. The straight time hourly wage rates for apprentices and trainees under such programs will be established by the particular programs. The ratio of apprentices and trainees to journeymen shall not be greater than permitted by the terms of the particular program.

5. Compliance with Copeland Act requirements. The contractor shall comply with the requirements of 29 CFR part 3, which are incorporated by reference in this contract.

6. Subcontracts. The contractor or subcontractor shall insert Form FHWA-1273 in any subcontracts and also require the subcontractors to include Form FHWA-1273 in any lower tier subcontracts. The prime contractor shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all the contract clauses in 29 CFR 5.5.

7. Contract termination: debarment. A breach of the contract clauses in 29 CFR 5.5 may be grounds for termination of the contract, and for debarment as a contractor and a subcontractor as provided in 29 CFR 5.12.

8. Compliance with Davis-Bacon and Related Act requirements. All rulings and interpretations of the Davis-Bacon and Related Acts contained in 29 CFR parts 1, 3, and 5 are herein incorporated by reference in this contract.

9. Disputes concerning labor standards. Disputes arising out of the labor standards provisions of this contract shall not be subject to the general disputes clause of this contract. Such disputes shall be resolved in accordance with the procedures of the Department of Labor set forth in 29 CFR parts 5, 6, and 7. Disputes within the meaning of this clause include disputes between the contractor (or any of its subcontractors) and the contracting agency, the U.S. Department of Labor, or the employees or their representatives.

10. Certification of eligibility.

a. By entering into this contract, the contractor certifies that neither it (nor he or she) nor any person or firm who has an interest in the contractor's firm is a person or firm ineligible to be awarded Government contracts by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

b. No part of this contract shall be subcontracted to any person or firm ineligible for award of a Government contract by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

c. The penalty for making false statements is prescribed in the U.S. Criminal Code, 18 U.S.C. 1001.

V. CONTRACT WORK HOURS AND SAFETY STANDARDS ACT

The following clauses apply to any Federal-aid construction contract in an amount in excess of \$100,000 and subject to the overtime provisions of the Contract Work Hours and Safety Standards Act. These clauses shall be inserted in addition to the clauses required by 29 CFR 5.5(a) or 29 CFR 4.6. As used in this paragraph, the terms laborers and mechanics include watchmen and guards.

1. Overtime requirements. No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.

2. Violation; liability for unpaid wages; liquidated damages. In the event of any violation of the clause set forth in paragraph (1.) of this section, the contractor and any subcontractor responsible therefor shall be liable for the unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in paragraph (1.) of this section, in the sum of \$10 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph (1.) of this section.

3. Withholding for unpaid wages and liquidated damages. The FHWA or the contracting agency shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of work performed by the contractor or subcontractor under any such contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph (2.) of this section.

4. Subcontracts. The contractor or subcontractor shall insert in any subcontracts the clauses set forth in paragraph (1.) through (4.) of this section and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs (1.) through (4.) of this section.

VI. SUBLETTING OR ASSIGNING THE CONTRACT

This provision is applicable to all Federal-aid construction contracts on the National Highway System.

1. The contractor shall perform with its own organization contract work amounting to not less than 30 percent (or a greater percentage if specified elsewhere in the contract) of the total original contract price, excluding any specialty items designated by the contracting agency. Specialty items may be performed by subcontract and the amount of any such specialty items performed may be deducted from the total original contract price before computing the amount of work required to be performed by the contractor's own organization (23 CFR 635.116).

a. The term "perform work with its own organization" refers to workers employed or leased by the prime contractor, and equipment owned or rented by the prime contractor, with or without operators. Such term does not include employees or equipment of a subcontractor or lower tier subcontractor, agents of the prime contractor, or any other assignees. The term may include payments for the costs of hiring leased employees from an employee leasing firm meeting all relevant Federal and State regulatory requirements. Leased employees may only be included in this term if the prime contractor meets all of the following conditions:

(1) the prime contractor maintains control over the supervision of the day-to-day activities of the leased employees;

(2) the prime contractor remains responsible for the quality of the work of the leased employees;

(3) the prime contractor retains all power to accept or exclude individual employees from work on the project; and

(4) the prime contractor remains ultimately responsible for the payment of predetermined minimum wages, the submission of payrolls, statements of compliance and all other Federal regulatory requirements.

b. "Specialty Items" shall be construed to be limited to work that requires highly specialized knowledge, abilities, or equipment not ordinarily available in the type of contracting organizations qualified and expected to bid or propose on the contract as a whole and in general are to be limited to minor components of the overall contract.

2. The contract amount upon which the requirements set forth in paragraph (1) of Section VI is computed includes the cost of material and manufactured products which are to be purchased or produced by the contractor under the contract provisions.

3. The contractor shall furnish (a) a competent superintendent or supervisor who is employed by the firm, has full authority to direct performance of the work in accordance with the contract requirements, and is in charge of all construction operations (regardless of who performs the work) and (b) such other of its own organizational resources (supervision, management, and engineering services) as the contracting officer determines is necessary to assure the performance of the contract.

4. No portion of the contract shall be sublet, assigned or otherwise disposed of except with the written consent of the contracting officer, or authorized representative, and such consent when given shall not be construed to relieve the contractor of any responsibility for the fulfillment of the contract. Written consent will be given only after the contracting agency has assured that each subcontract is

evidenced in writing and that it contains all pertinent provisions and requirements of the prime contract.

5. The 30% self-performance requirement of paragraph (1) is not applicable to design-build contracts; however, contracting agencies may establish their own self-performance requirements.

VII. SAFETY: ACCIDENT PREVENTION

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

1. In the performance of this contract the contractor shall comply with all applicable Federal, State, and local laws governing safety, health, and sanitation (23 CFR 635). The contractor shall provide all safeguards, safety devices and protective equipment and take any other needed actions as it determines, or as the contracting officer may determine, to be reasonably necessary to protect the life and health of employees on the job and the safety of the public and to protect property in connection with the performance of the work covered by the contract.

2. It is a condition of this contract, and shall be made a condition of each subcontract, which the contractor enters into pursuant to this contract, that the contractor and any subcontractor shall not permit any employee, in performance of the contract, to work in surroundings or under conditions which are unsanitary, hazardous or dangerous to his/her health or safety, as determined under construction safety and health standards (29 CFR 1926) promulgated by the Secretary of Labor, in accordance with Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 3704).

3. Pursuant to 29 CFR 1926.3, it is a condition of this contract that the Secretary of Labor or authorized representative thereof, shall have right of entry to any site of contract performance to inspect or investigate the matter of compliance with the construction safety and health standards and to carry out the duties of the Secretary under Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C.3704).

VIII. FALSE STATEMENTS CONCERNING HIGHWAY PROJECTS

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

In order to assure high quality and durable construction in conformity with approved plans and specifications and a high degree of reliability on statements and representations made by engineers, contractors, suppliers, and workers on Federal-aid highway projects, it is essential that all persons concerned with the project perform their functions as carefully, thoroughly, and honestly as possible. Willful falsification, distortion, or misrepresentation with respect to any facts related to the project is a violation of Federal law. To prevent any misunderstanding regarding the seriousness of these and similar acts, Form FHWA-1022 shall be posted on each Federal-aid highway project (23 CFR 635) in one or more places where it is readily available to all persons concerned with the project:

18 U.S.C. 1020 reads as follows:

"Whoever, being an officer, agent, or employee of the United States, or of any State or Territory, or whoever, whether a person, association, firm, or corporation, knowingly makes any false statement, false representation, or false report as to the character, quality, quantity, or cost of the material used or to be used, or the quantity or quality of the work performed or to be performed, or the cost thereof in connection with the submission of plans, maps, specifications, contracts, or costs of construction on any highway or related project submitted for approval to the Secretary of Transportation; or

Whoever knowingly makes any false statement, false representation, false report or false claim with respect to the character, quality, quantity, or cost of any work performed or to be performed, or materials furnished or to be furnished, in connection with the construction of any highway or related project approved by the Secretary of Transportation; or

Whoever knowingly makes any false statement or false representation as to material fact in any statement, certificate, or report submitted pursuant to provisions of the Federal-aid Roads Act approved July 1, 1916, (39 Stat. 355), as amended and supplemented;

Shall be fined under this title or imprisoned not more than 5 years or both."

IX. IMPLEMENTATION OF CLEAN AIR ACT AND FEDERAL WATER POLLUTION CONTROL ACT

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

By submission of this bid/proposal or the execution of this contract, or subcontract, as appropriate, the bidder, proposer, Federal-aid construction contractor, or subcontractor, as appropriate, will be deemed to have stipulated as follows:

1. That any person who is or will be utilized in the performance of this contract is not prohibited from receiving an award due to a violation of Section 508 of the Clean Water Act or Section 306 of the Clean Air Act.

2. That the contractor agrees to include or cause to be included the requirements of paragraph (1) of this Section X in every subcontract, and further agrees to take such action as the contracting agency may direct as a means of enforcing such requirements.

X. CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION

This provision is applicable to all Federal-aid construction contracts, design-build contracts, subcontracts, lower-tier subcontracts, purchase orders, lease agreements, consultant contracts or any other covered transaction requiring FHWA approval or that is estimated to cost \$25,000 or more – as defined in 2 CFR Parts 180 and 1200.

1. Instructions for Certification – First Tier Participants:

a. By signing and submitting this proposal, the prospective first tier participant is providing the certification set out below.

b. The inability of a person to provide the certification set out below will not necessarily result in denial of participation in this

covered transaction. The prospective first tier participant shall submit an explanation of why it cannot provide the certification set out below. The certification or explanation will be considered in connection with the department or agency's determination whether to enter into this transaction. However, failure of the prospective first tier participant to furnish a certification or an explanation shall disqualify such a person from participation in this transaction.

c. The certification in this clause is a material representation of fact upon which reliance was placed when the contracting agency determined to enter into this transaction. If it is later determined that the prospective participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the contracting agency may terminate this transaction for cause of default.

d. The prospective first tier participant shall provide immediate written notice to the contracting agency to whom this proposal is submitted if any time the prospective first tier participant learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.

e. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180 and 1200. "First Tier Covered Transactions" refers to any covered transaction between a grantee or subgrantee of Federal funds and a participant (such as the prime or general contract). "Lower Tier Covered Transactions" refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). "First Tier Participant" refers to the participant who has entered into a covered transaction with a grantee or subgrantee of Federal funds (such as the prime or general contractor). "Lower Tier Participant" refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).

f. The prospective first tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency entering into this transaction.

g. The prospective first tier participant further agrees by submitting this proposal that it will include the clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transactions," provided by the department or contracting agency, entering into this covered transaction, without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the \$25,000 threshold.

h. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the Excluded Parties List System website (<https://www.epls.gov/>), which is compiled by the General Services Administration.

i. Nothing contained in the foregoing shall be construed to require the establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of the prospective participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

j. Except for transactions authorized under paragraph (f) of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency may terminate this transaction for cause or default.

* * * * *

2. Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion – First Tier Participants:

a. The prospective first tier participant certifies to the best of its knowledge and belief, that it and its principals:

(1) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participating in covered transactions by any Federal department or agency;

(2) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;

(3) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (a)(2) of this certification; and

(4) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.

b. Where the prospective participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

2. Instructions for Certification - Lower Tier Participants:

(Applicable to all subcontracts, purchase orders and other lower tier transactions requiring prior FHWA approval or estimated to cost \$25,000 or more - 2 CFR Parts 180 and 1200)

a. By signing and submitting this proposal, the prospective lower tier is providing the certification set out below.

b. The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered into. If it is later determined that the prospective lower tier participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department, or agency with which

this transaction originated may pursue available remedies, including suspension and/or debarment.

c. The prospective lower tier participant shall provide immediate written notice to the person to which this proposal is submitted if at any time the prospective lower tier participant learns that its certification was erroneous by reason of changed circumstances.

d. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180 and 1200. You may contact the person to which this proposal is submitted for assistance in obtaining a copy of those regulations. "First Tier Covered Transactions" refers to any covered transaction between a grantee or subgrantee of Federal funds and a participant (such as the prime or general contract). "Lower Tier Covered Transactions" refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). "First Tier Participant" refers to the participant who has entered into a covered transaction with a grantee or subgrantee of Federal funds (such as the prime or general contractor). "Lower Tier Participant" refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).

e. The prospective lower tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency with which this transaction originated.

f. The prospective lower tier participant further agrees by submitting this proposal that it will include this clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transaction," without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the \$25,000 threshold.

g. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the Excluded Parties List System website (<https://www.epls.gov/>), which is compiled by the General Services Administration.

h. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

i. Except for transactions authorized under paragraph e of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the

department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.

* * * * *

Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion--Lower Tier Participants:

1. The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participating in covered transactions by any Federal department or agency.

2. Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

* * * * *

XI. CERTIFICATION REGARDING USE OF CONTRACT FUNDS FOR LOBBYING

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts which exceed \$100,000 (49 CFR 20).

1. The prospective participant certifies, by signing and submitting this bid or proposal, to the best of his or her knowledge and belief, that:

a. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

b. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

2. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by 31 U.S.C. 1352. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

3. The prospective participant also agrees by submitting its bid or proposal that the participant shall require that the language of this certification be included in all lower tier subcontracts, which exceed \$100,000 and that all such recipients shall certify and disclose accordingly.

**ATTACHMENT A - EMPLOYMENT AND MATERIALS
PREFERENCE FOR APPALACHIAN DEVELOPMENT
HIGHWAY SYSTEM OR APPALACHIAN LOCAL ACCESS
ROAD CONTRACTS**

This provision is applicable to all Federal-aid projects funded under the Appalachian Regional Development Act of 1965.

1. During the performance of this contract, the contractor undertaking to do work which is, or reasonably may be, done as on-site work, shall give preference to qualified persons who regularly reside in the labor area as designated by the DOL wherein the contract work is situated, or the subregion, or the Appalachian counties of the State wherein the contract work is situated, except:

a. To the extent that qualified persons regularly residing in the area are not available.

b. For the reasonable needs of the contractor to employ supervisory or specially experienced personnel necessary to assure an efficient execution of the contract work.

c. For the obligation of the contractor to offer employment to present or former employees as the result of a lawful collective bargaining contract, provided that the number of nonresident persons employed under this subparagraph (1c) shall not exceed 20 percent of the total number of employees employed by the contractor on the contract work, except as provided in subparagraph (4) below.

2. The contractor shall place a job order with the State Employment Service indicating (a) the classifications of the laborers, mechanics and other employees required to perform the contract work, (b) the number of employees required in each classification, (c) the date on which the participant estimates such employees will be required, and (d) any other pertinent information required by the State Employment Service to complete the job order form. The job order may be placed with the State Employment Service in writing or by telephone. If during the course of the contract work, the information submitted by the contractor in the original job order is substantially modified, the participant shall promptly notify the State Employment Service.

3. The contractor shall give full consideration to all qualified job applicants referred to him by the State Employment Service. The contractor is not required to grant employment to any job applicants who, in his opinion, are not qualified to perform the classification of work required.

4. If, within one week following the placing of a job order by the contractor with the State Employment Service, the State Employment Service is unable to refer any qualified job applicants to the contractor, or less than the number requested, the State Employment Service will forward a certificate to the contractor indicating the unavailability of applicants. Such certificate shall be made a part of the contractor's permanent project records. Upon receipt of this certificate, the contractor may employ persons who do not normally reside in the labor area to fill positions covered by the certificate, notwithstanding the provisions of subparagraph (1c) above.

5. The provisions of 23 CFR 633.207(e) allow the contracting agency to provide a contractual preference for the use of mineral resource materials native to the Appalachian region.

6. The contractor shall include the provisions of Sections 1 through 4 of this Attachment A in every subcontract for work which is, or reasonably may be, done as on-site work.