



**BOARD OF COUNTY COMMISSIONERS
CHARLOTTE COUNTY, FLORIDA**

**STANDARD CONSTRUCTION DOCUMENTS
INCLUDING SPECIFICATIONS**

FOR

**GASPARILLA ROAD (CR 771) WIDENING
BID NO. XXXXXXXXXX**

MARCH 2014

TABLE OF CONTENTS

	<u>Pages</u>
PART A	SPECIAL PROVISIONS
➤ GENERAL.....	SP-G-1 - SP-G-8
➤ UTILITIES	SP-U-1 - SP-U-4
➤ BRIDGE	SP-B-1 - SP-B-2
PART B	CONSTRUCTION PLANS
PART C	DESIGN STANDARDS
PART D	SUPPLEMENTAL SPECIFICATIONS
➤ GENERAL - COUNTY ORDINANCES	SS-G-1
➤ UTILITIES	SS-U-1
➤ LIGHTING	SS-L-1
➤ SIGNALIZATION.....	SS-T-1
➤ SIGNING.....	SS-S-1 - SS-S-3
➤ FIBER OPTIC.....	SS-F-1
➤ MAINTENANCE OF TRAFFIC	SS-M-1
PART E	STANDARD SPECIFICATIONS
ATTACHMENTS	PERMITS
➤	FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
➤	SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT
➤	U.S. ARMY CORPS OF ENGINEERS

PART A

SPECIAL PROVISIONS

SPECIAL PROVISIONS - GENERAL
GASPARILLA ROAD (CR 771) WIDENING
BID NO. XXXXXXXXXX

SP-G-01 INTENT: This project consists of widening Gasparilla Road (CR 771) to four lanes from approximately Rotonda Boulevard East northerly to McCall Road (SR 776). The project includes sidewalks, drainage improvements, Charlotte County Utility (CCU) relocations and improvements, street lighting, bridge construction, signalization, and other associated work as indicated on the construction plans. The work also includes all other items incidental to the construction of these improvements including, but not limited to, removal and disposal of existing structures, site dewatering, excavation and fill, bank and shore rip-rap placement, grading, sodding, and maintenance of traffic.

The work specified herein shall consist of furnishing all supervision, labor, equipment, material and any incidentals required for the successful completion of all work as specified on the Construction Plans. All work shall conform within the limits as specified on the Construction Plans and be in conformance with the appropriate Construction Documents. The Contractor shall be responsible for traffic control, the restoration of existing street signs, traffic control signs, mailboxes, property corners, existing utilities or any other items disturbed during construction.

SP-G-02 EXAMINATION OF DOCUMENTS: The bidding Contractor is instructed to carefully examine the bid package, Request for Bids, Instructions to Bidders, General Provisions, Special Provisions, Technical Specifications and Conditions, Insurance Requirements, Permit Fees, Maintenance of Traffic Policy (MOT), Florida Department of Transportation (FDOT) Standard Specifications for Road and Bridge Construction 2013 Edition referred to as Specifications, FDOT Roadway and Traffic Design Standards 2013 Edition referred to as Standard Index, Manual on Uniform Traffic Control Devices latest Edition referred to as MUTCD, FDOT Basis of Estimates Manual, 2012 Edition, Plans and all other related bid documents, including all modifications thereof, incorporated in the bid package.

SP-G-03 NOTICE TO PROCEED/DELIVERY: A pre-construction meeting will be held, at which time a Notice to Proceed will be issued. The Notice to Proceed shall state the mutually agreed upon date on which it is expected that the Contractor will begin the construction and from which date the contract time will be charged. No work under the Contract shall be commenced until after the Notice to Proceed/Purchase Order has been issued.

SP-G-04 DEFINITIONS:

1. As-Builts: Revised set of drawings submitted by a Contractor upon completion of a particular job. They reflect all changes made in the specifications and working drawings during the construction process, and show the exact dimensions, geometry, and location of all elements of the work completed under the contract. As-Builts must be signed and certified by a Florida Licensed Professional surveyor/mapper.
2. Completed and Accepted: The County shall be the sole judge of when the work associated with a Pay Item is Completed and Accepted. When all activities described in the Technical Specifications for a Pay Item are satisfactorily completed, the County will judge if the work is completed and accepted.
3. Consultant: The Professional Engineer or Engineering Firm registered in the State of Florida who performs Professional Engineering Services for Charlotte County, other than Charlotte County's personnel. The Consultant may be the Engineer of Record or may provide services through and be subcontracted to the Engineer of Record.
4. Construction Management (CM) Firm: That firm contracted with Charlotte County to provide overall Construction Management services. Also be referred to herein as "Contractor".
5. Construction Plans: The drawings, or reproductions thereof, which show locations, character, dimensions and details of the work to be done.

6. Contract Documents: The complete set of documents providing technical direction to the contractor including but not limited to Special Provisions, Construction Plans, Design Standards, Supplemental Specifications, Standard Specifications and all applicable permits.
7. Contractor: Refers to the Construction Management (CM) Firm and any sub-contractor(s) employed by the CM Firm.
8. Controlling Work Items: Those work items that are directly interrelated such that each has a definite influence on progress of the overall work.
9. Culverts: Any structure not classified as a bridge, which provides an opening under the roadway.
10. Department: Any reference in FDOT Specifications to the Department shall mean Charlotte County.
11. Engineer: The County Engineer, acting directly or through duly authorized representatives; such representatives acting within the scope of the duties and authority assigned to them.
12. Engineer of Record: The Professional Engineer or Engineering Firm contracted with by Charlotte County and registered in the State of Florida who develops criteria and concept for the project, performs the analysis and is responsible for the preparation of the Contract Plans and Specifications.
13. Inspector: An authorized representative to the County, assigned to make official inspections of the materials furnished and of the work performed by the Contractor.
14. Record Drawings: The vertical and/or horizontal dimensions of constructed improvements so that the constructed facility can be delineated in such a way that the location of the construction may be compared with the construction plans, and when the surveyor prepares record drawings they will clearly show by symbols, notations, or delineations, those constructed improvements located by the survey. All survey work shall be in conformance with Minimum Technical Standard of Land Surveyors in the State of Florida. Record Drawings must be signed and certified by a Florida Licensed Professional Engineer.
15. Right-of-Way: The land which Charlotte County has title to, or right of use, for the road and its structures and appurtenances.
16. Roadbed: That portion of the roadway occupied by the subgrade and shoulders.
17. Roadway: The portion of a highway within the limits of construction.
18. Special Provisions: Specific clauses adding to or revising the General Provisions, setting forth conditions varying from or additional to General Provisions, for a specific project.
19. Substantial Completion: Notice of Substantial Completion shall be issued upon the completion of all Contracted work including but not limited to resurfacing, sodding, shoulder work, swale grading, pavement striping and marking, County acceptable as-built drawing submission and cleanup. The County shall determine the date for the Notice of Substantial Completion.
20. Suspension of Work: All work shall be suspended whenever, the Board of County Commissioners suspend normal working hours for Charlotte County Community Development (CCCD) employees, for occurrences, such as natural (hurricane) emergencies. The Contractor will not be entitled to any additional compensation for such suspension of work.
21. Traffic Technician: Any person holding a FDOT Certificate in Work Zone Traffic Control and Maintenance of Traffic (Intermediate Level).
22. Traveled Way: The portion of the roadway providing for the movement of vehicles, exclusive of shoulders and auxiliary lanes.
23. Work Zone: An area established by the County where all of the Contractor's work shall take place. The limits of the Work Zone shall be specified by the County. The Contractor shall have a County Inspector on-site whenever he has personnel within the Work Zone.

SP-G-05 COUNTY'S STATUS: The County shall retain the right to examine and inspect the work as it sees fit to assure compliance with the requirements of these Contract Documents. The County has the authority as follows:

1. To stop the work whenever such stoppage may be necessary to insure the proper execution of the Contract.
2. To stop the work whenever such stoppage may be necessary to insure the safety of personnel.
3. To reject all work which does not conform to the Contract Documents.
4. To resolve questions which arise in the execution of the work.
5. To stop work whenever materials or shop drawings have not been approved prior to placement.

No additional time or compensation will be added to the Contract when stopping the work for the above listed reasons.

SP-G-06 INSPECTION OF WORK: Inspection of Work shall be in accordance with FDOT Section 5-9. Testing for acceptance of materials and workmanship shall be performed by the CM Firm and their specified delegates, subcontractors or subconsultants, with the exception of all asphalt work items. Asphalt work items shall be tested in accordance with FDOT specifications for contractor quality control. The CM Firm shall provide the verification testing. Independent Resolution testing shall be provided, if needed, by a separate testing company contracted by the County. The County retains the right at all times for all work items to perform independent testing or examination as it sees fit to ensure compliance with the Contract Documents.

SP-G-07 CONTRACTOR'S RESPONSIBILITY FOR WORK: shall be in accordance with FDOT Specification Section 7-14.

SP-G-08 LIMITATIONS OF OPERATIONS: shall be in accordance with FDOT Specification Section 8-4.

SP-G-09 EQUIPMENT: The Contractor shall only use equipment, machines, or a combination of machines that are in good and safe working condition. The equipment shall produce results that meet or exceed the Technical Specifications and Conditions. Special attention is directed to pavers capable of achieving desired application rates, specified cross slope and necessary joint matching through the use of the latest electronic technology available. Equipment incapable of providing this will not be acceptable for use on this Contract. The Contractor shall not use equipment which is unsafe or is in need of repair. Work completed with equipment which is not properly functioning shall be deemed unacceptable. The Contractor shall also conform to FDOT Specification Section 100.

SP-G-10 CONTROL OF MATERIALS REQUIRED BY FDOT SPECIFICATION - SOURCE OF SUPPLY AND QUALITY REQUIREMENTS - CONTROL BY SAMPLES & TESTS: The Contractor shall give sufficient notification of placement of orders for materials and shall order materials sufficiently in advance of their incorporation in the work to allow time for sampling and testing. If the volume, progress of the work, and other considerations warrant, the County and CM Firm's inspection staff may require the inspection of materials at the source of supply. The Contractor shall ensure the County has free entry at all times to the plant as concerning the manufacture or production of the materials ordered, and shall bear all costs incurred in providing all reasonable facilities to assist in judging if material complies with Specifications.

Materials shall be FDOT Certified at the source of supply. The County and CM Firm's inspection staff may certify materials at the plant as to FDOT Specifications.

The County and CM Firm's inspection staff may require any or all materials to be subjected to tests by means of samples or otherwise, at production points, after delivery, or both, as he may determine. The Contractor shall furnish at his own expense, the materials necessary for the required samples, delivered to the point designated, without charge to the County.

If, after sampling and testing, it is found that a source of supply which has been approved does not furnish a uniform product, or if the product from any source proves unacceptable at any time, the Contractor shall furnish material from other approved sources.

SP-G-11 CONTRACT TIME: The work shall be completed within **XXX** calendar days from the date specified on the Notice to Proceed. The Contract Time shall include the preparation, submittal, review and approval of submittals, delivery of materials, and construction, assembly, adjustment and placement into service for beneficial use of all facilities covered under this contract. The Contract Time also includes up to fourteen (14) working days for the review of each submittal by Charlotte County. The Contract Time shall be extended by one calendar day for each calendar day over fourteen (14) working days used by the County for review of each submittal. There shall be no extension of time provided for modification and

corrections to the submittals to address deficiencies therein identified during the review by Charlotte County.

SP-G-12 PRE-CONSTRUCTION CONFERENCE: Prior to commencing work, a Pre-Construction Conference will be held, at which time a mutually agreeable first day of work will be determined. The FDOT Specifications Sections 8.1, with the exception of the 40% self performance requirement, and 8.2 shall apply. The following documents shall be submitted at this meeting:

- A Contractor Employee Telephone List specifying the name, address, phone number of all personnel who will be working within the Work Zone including subcontractors or suppliers. The Contractor Employee Telephone List will be revised and updated as necessary. The Contractor shall remove crew members not on the list when so directed by the County Inspector. At any time the County Inspector can require a valid Florida Driver's license or picture identification acceptable to the County from any Contractor crew member. A telephone list specifying the name, address, phone number of all subcontractors or suppliers to be used on this project.
- Project list with a description of the work each sub-contractor will perform. If the Contractor proposes to subcontract the survey work, the Contractor shall include the registration number of the surveyor. The telephone list shall also include emergency telephone numbers. The Contractor shall include a 24 hour emergency contact telephone number for the County's use, which the Contractor shall update as necessary, throughout the project. The Contractor shall request in writing, changes in sub-contractors or suppliers. No change in subcontractors or suppliers shall be made without written consent from the County.
- A copy of the haul routes the Contractor intends to use. The Contractor shall not use bridges that are posted with weight restrictions, which may be exceeded in weight by equipment and materials.
- A Maintenance of Traffic plan in accordance with Charlotte County Policy.
- An erosion control plan.
- Concrete Mix Designs.
- Asphalt Mix Designs.
- The Contractor shall submit for County approval a paper copy and electronic copy of a Schedule of Values, a Construction Schedule prepared using Microsoft Project® or other County approved software, and a Schedule of Progress Payments.

Once approved, no change will be allowed without the written approval of the County.

NO WORK SHALL START UNTIL ALL SUBMITTALS HAVE BEEN ACCEPTED BY THE COUNTY. Once approved, no change will be allowed without the written approval of the County.

The Contractor shall also provide, on a monthly basis, an update to the Construction Schedule reflecting changes made as a result of weather, breakdowns, and unanticipated delays. The proposed production schedule shall be submitted a minimum of one (1) week prior to submitting the monthly invoices, as required under Special Provisions Section SP-19, Monthly Estimates, for approval by the County. Invoices may be rejected if the schedule is not included.

SP-G-13 PROGRESS MEETING: The Contractor shall designate a representative to attend regular Progress Meetings held at the project field office or other designated site at a mutually agreed upon frequency. Representatives from the various utilities involved will also be invited. The Contractor shall submit at each meeting revised schedule information, projected schedule for the next week, written claims for additional compensation, claims for rain days to extend the Contract, results of all testing and Value Engineering Proposals. The Contractor agrees that any claims not submitted within 30 days of the event causing the claim, will not be timely and therefore not a valid claim. The County will use the updated schedule information to monitor the Contractor's production rate. Upon written notice from the County, the Contractor shall dedicate additional resources to increase the productivity rate such that the Contractor will be back on schedule. Failure to comply with the approved Construction Schedule shall result in the Contractor being considered in default and subject to suspension of this Contract.

SP-G-14 VALUE ENGINEERING PROPOSAL: The awarded Contractor may offer Value Engineering Proposals (VEP) for completing the work using different means and methods than specified in this contract. The County will review and provide written comments to each VEP provided by the Contractor. Value Engineering Proposals accepted by the County will be implemented with the Contractor receiving a 50% share of any cost savings. The Contractor shall not be compensated for the preparation of a VEP.

SP-G-15 LIQUIDATED DAMAGES: The work shall be completed within **XXX** calendar days from the date specified on the Notice to Proceed. The Contract Time shall include the preparation, submittal, review and approval of submittals, delivery of components and materials, and construction, erection, assembly, adjustment and placement into service for beneficial use of all facilities covered under this contract.

Charlotte County shall issue a Notice of Substantial Completion to the Contractor when it has determined that the work identified in the Contract has been substantially completed and that the facility is operating satisfactorily. Charlotte County shall provide the Contractor with a punch list within fourteen (14) calendar days after the Notice of Substantial Completion is issued. The punch list will identify the remaining items that must be addressed to the satisfaction of Charlotte County by the Contractor to meet his obligations under the Contract. The Contractor shall complete the items on the punch list to the satisfaction of Charlotte County within thirty (30) additional calendar days of the issuance of the Final Punch List or Notice of Substantial Completion whichever is later and prior to submittal of the application for final payment. Any costs incurred by the County (i.e. inspection time) after the 30 calendar day period shall be charged to the Contractor.

The County and the Contractor hereby agree that time is of the essence on this Contract and the County will suffer damages if the work is not substantially completed within the Contract Time, plus any extensions thereof allowed by Change Order. It is further recognized and agreed by the County and the Contractor that the determination of the exact value of the damages the County would suffer due to a delay in the Substantial Completion of the work would be a difficult, time consuming and costly process. It is therefore hereby agreed by the County and the Contractor that it is in their mutual interest to establish a figure of **\$X,XXX** as Liquidated Damages (but not as a penalty) to be paid by the Contractor to the County, for each calendar day that Substantial Completion is delayed beyond the Contract Time. It is mutually agreed by the County and the Contractor that neither shall make any claim to increase or reduce the amount to be paid under Liquidated Damages as the result of any calculation of actual damages suffered by County as the result of a delay in the Substantial Completion of the work. The County reserves the right to withhold the total amount of the liquated damages from any payment should the total amount of the liquated damages exceed the amount of the retainage at any time.

SP-G-16 COOPERATION WITH UTILITIES: The Contractor shall notify all utility owner(s) affected by the construction prior to beginning work. Any expense of utility repair or other damage due to Contractor's operations shall be borne by the Contractor. Protection of utilities, and the like, shall be the responsibility of the Contractor who shall provide adequate protection to maintain proper service.

NOTE: The Contractor is to include, within his line item bid prices, the costs to protect and/or support all utilities, which may be in conflict with the construction of this proposed project.

Attention is called to the Florida Underground Facility Damage Prevention and Safety Act defined in Florida Statute 556. This act provides for a "One Call Toll Free" telephone number to be used by all parties doing excavation, demolition or other underground construction.

The contract documents require the Contractor to cooperate with utilities. The engineer has contacted each known affected utility, and each utility will be responsible for the necessary relocations, except for utilities that are called for to be relocated under this contract. The Contractor shall be responsible for notifying the utilities, coordinating on a regular and continuing basis, sequencing his work to minimize conflicts with the utilities and making necessary field adjustments to accommodate the utilities.

The Contractor shall not apply the asphalt surface course until all manholes and valve covers, necessary to be set, have been set at proper grade. The Contractor shall supply all materials to set the manholes and valve covers. Utilities to remain located within the County's right-of-way are required to furnish adjustment risers, if necessary. The Contractor shall request from the utilities the necessary materials; however, the Contractor shall bear all costs necessary to complete the adjustments.

SP-G-17 DAMAGES: Areas adjacent to the construction that are damaged, including sodded and vegetated areas, shall be repaired at the Contractor's expense. Restoration of adjoining areas shall be equal to or better than original condition and to the satisfaction of the County. A Pre-Construction video shall be required prior to any work starting. Plan quantities for sod include only those areas intended to be impacted by the specific proposed improvements. Incidental impacts outside these limits due to stockpile, storage or laydown areas are not included in the quantities and shall be repaired at the Contractor's expense.

Protection of personal property, utilities, structures, mailboxes, sprinkler systems, conduits, trees, shrubs, and the like, shall be the responsibility of the Contractor who shall provide adequate protection to maintain proper service. Mailboxes shall be kept in service during construction.

SP-G-18 SHOP DRAWINGS: The Contractor shall furnish shop drawings to the County in accordance with FDOT Specifications Sections 5-1.4 through 5-1.4.9, except as modified herein. The Contractor shall list the pay item number on each shop drawing submittal. If the Contractor discovers conflicts between shop drawings and specifications or otherwise, after submitting shop drawings for processing by the County, the Contractor shall immediately advise the County; in this event, the Contractor is responsible for resolving the situation through the contract's provisions. The only exception to the above provisions for deviations and conflicts is for differences between shop drawings and construction plans/specifications deemed by the County to be minor, not conflicting with the latter, nor involving cost differences of any kind. Then the Contractor shall include a written explanation with his submittal, citing the specific differences and why the County should approve the submittal under these conditions. The County's decision in this situation is final.

The Contractor shall submit shop drawings that are signed and sealed by a Florida Registered Engineer. Each drawing should be titled and numbered identifying each drawing by reference to construction plan sheet number and pay item number. Shop drawings are to be submitted on 17" x 22" minimum sheets or multiples of 8½" x 11". Three (3) copies of each page are required.

Each set of shop drawings shall be signed and dated to attest that compliance with requirements of the Contract Documents has been met. County review of the shop drawings is for general compliance to the Contract Documents and does not relieve the Contractor of any responsibility to insure conformance to the Contract Documents. The Contractor shall at all times be responsible for the accuracy of the data and information contained on the shop drawings, including but not limited to, inverts, top elevations, and pipe sizes. The Contractor shall be responsible for any delay and/or additional expenses that result from the Contractor's failure to provide submittals in a timely manner or failure to identify portions of the submittals that do not conform to the contract documents.

The cost for Shop Drawings shall be considered incidental to the project or included in the bid price for the various bid items. The Contractor's representative shall have a set of approved shop drawings on-site at all times.

SP-G-19 MONTHLY ESTIMATES: As the construction work progresses, each month the Contractor will be paid the total value of the work completed and accepted during the preceding month, less ten percent (10%) retainage. In accordance with Section 218.735, Florida Statutes and for those construction contracts in excess of \$200,000, the County, after fifty percent (50%) of the contracted construction work is completed, shall reduce the amount of the retainage withheld to five percent (5%) on all subsequent monthly estimates. Also, after such time the Contractor may request and submit as part of his monthly estimate a release of up to one-half of the retainage being withheld by the County, unless the County has

grounds for withholding the payment of retainage pursuant to Section 255.05, Florida Statutes. The County's computations shall be the basis for monthly estimates and final payment.

The County shall be provided for review and approval a list of quantities and pay items summarizing the work completed during the preceding month. This comprises the monthly estimate.

The County approved summary of pay items and submittal of the monthly estimate for subsequent payment to the Contractor shall serve as the basis for and become part of the invoice for such payment. The invoice shall be in strict conformance with the form prescribed by the County and submitted at the same time as the monthly estimate. The Contractor shall include with each Pay Request a revised Construction Schedule.

Payment approvals will be subject to the procedures established by the County.

Upon completion of the project and at the satisfaction of the County, final payment of the completed items, including punch list items and all retention, less all previous payments and charges, shall be made to the Contractor.

SP-G-20 CONTINUOUS PROSECUTION OF WORK: Once commencing the project, the operation must be continuously prosecuted during normal duty hours to its completion. The Contractor shall not interrupt work unless the County provides written authorization to suspend the work.

Correction of safety concerns will be given priority and shall be corrected immediately.

Failure to comply with these Provisions and/or Technical Specifications shall result in the Contractor being considered in default and subject to suspension of this Contract.

SP-G-21 PRESERVATION OF PROPERTY: Preservation of property shall be in accordance with FDOT Specifications Section 7-11. Any items such as fencing or landscaping within the limits of construction that must be removed or relocated during construction will be replaced undamaged, not within the County's right-of-way and prior to final payment. Any items damaged will be replaced at the Contractor's expense.

SP-G-22 PRIVATE PROPERTY: The Contractor shall not occupy private land outside of any easements, permanent or temporary rights-of-way unless written authorization has been signed by the property owner. Prior to the use of private lands, the Contractor shall submit a copy of the approval from the Charlotte County Land Development Department to use the private property for stockpiling of construction equipment and material as well as a written agreement(s) between the Contractor and land owners, to the County. In the event that the Contractor uses private property for any purpose without first having obtained the necessary approvals from the property owner or provided the necessary submittals to the County, the County will direct the Contractor in writing to immediately cease using such property. The County furthermore reserves the right to cause all work on the project to stop until the proper submittals are received by the County or the property is returned to its pre-existing condition and the use has halted.

Prior to application for final payment, the Contractor shall provide documentation from the owner of each piece of private property for which an agreement for use was provided, or for which the County has issued written notification to the Contractor, that each owner is satisfied with the manner in which the Contractor has restored the property. Final payment or reduction in retainage shall not be paid until such documentation is received by the County.

SP-G-23 PERMITS: The Contractor will be responsible for obtaining all permits necessary to complete the work described on the Plans and in the Specifications. All work performed will be in accordance to the permit special conditions and restrictions. Specific permits obtained by the Contractor include, but are not limited to, work within a County Right-of-Way and/or State Right-of-Way.

SP-G-24 QUANTITIES: The quantities, as shown on the Bid Forms, are approximate and are given only as a basis of calculation for award of the Contract. The actual quantities may vary substantially from the estimate amount.

The County reserves the right to alter (increase or decrease) any individual quantities without affecting the bid price for that item. When quantities of individual work items are altered, the Contractor shall accept payment in full at Contract unit bid prices for the actual quantities of work completed, and no allowance will be made for increased expense, loss of expected reimbursement, or loss of anticipated profits suffered or claimed by the Contractor, resulting either directly from such alterations, or indirectly from unbalanced allocation among the Contract items of overhead expense on the part of the bidder and subsequent loss of expected reimbursement.

SP-G-25 GENERAL REQUIREMENTS AND COVENANTS: Except as amended by other Special Provisions or the rules and regulations of Charlotte County, the general requirements and covenants of the contract shall be governed by Division I, Sections 1-9, of the FDOT Standard Specifications for Road and Bridge Construction 2013 Edition.

SP-G-26 FUEL AND BITUMINOUS PRICE ADJUSTMENT: Sections 9-2.1.1 and 9-2.1.2 of the FDOT Standard Specifications do not apply to this contract. Price Adjustments will not be allowed for Fuel or Bituminous work items.

SPECIAL PROVISIONS - UTILITIES
GASPARILLA ROAD (CR 771) WIDENING
BID NO. XXXXXXXXXX

These Special Provisions for Utilities provide additional direction for utility work under this contract. The General Special Provisions for the overall project also apply.

SP-U-1: COOPERATION WITH UTILITIES: The Contractor shall notify all utility owner(s) affected by the construction prior to beginning work. Any expense of utility repair or other damage due to Contractor's operations shall be borne by the Contractor. Protection of utilities shall be the responsibility of the Contractor who shall provide adequate protection to maintain proper service.

Attention is call to the Florida Underground Facility Damage Prevention and Safety Act defined in Florida Statue 240. This act provides for a "Sunshine State One Call" telephone number (811) to be sued by all parties doing excavation, demolition or other underground construction.

SP-U-2: HOMEOWNER NOTIFICATION: The Contractor shall inform all commercial establishments, residents and/or homeowners seven (7) calendar days and again at 48 hours prior to the commencement of work in the form of written notification in the area where construction will take place to the nearest cross street or in the area where the existing water and/or sewer services may be affected due to isolation of the utilities in the construction area. At both notifications, a Homeowner Notification form maybe hung on doorknobs if the homeowner does not respond to knocking or a doorbell. Notifications informs the residents of the time frame of construction and the name and phone number of the contractor's designated 24 hours 7 days a week contact. If the commercial establishment or homeowner's driveway is affected due to construction, the Contractor's notification shall inform the homeowner of the temporary driveway replacement sequence and the for final/permanent driveway restoration. The Contractor shall make the CCU construction coordinator and CEI aware of the homeowner notification process. The construction limits at each work zone area shall be agreed to by Contractor and CCU prior to any work progressing. Any damage outside this agreed to work zone shall be the responsibility of the Contractor at no cost to the County.

SP-U-3: TESTING: Testing for acceptance shall be performed by CCU or their designated representative. Any and all testing requirement born out of, but not limited to contract requirements and permits, for the installation of the utility piping including but not limited to pressure test will be included in the Contractor's bid price. Testing will be arranged in advance with an independent testing firm (also included in the bid price) for the testing of concrete and compaction. CCU and CEI requests to be notified 48 hours (3 working days) in advance of any test in order to have a CCU representative and the Engineer of Record, if required present.

SP-U-4: MEASUREMENT AND PAYMENT: The work shall be measured and the compensation determined in accordance with the CCU Design Compliance Standards dated November 1, 2011, available of the Charlotte County Website <http://charlottecountyfl.com/CCU/Engineering/DesignCompliance.asp>.

Payments to the Contractor shall be made on the basis of contract bid price submitted by the Contractor on the Bid Form as full and complete payment for furnishing all materials, labor, tools, and equipment and for performing all operations necessary to complete the work included in the Contract Documents. Such compensation shall also include costs for any loss or damages arising directly or indirectly from the work or from any unforeseen difficulties which may be encountered during the prosecution of the work until the final acceptance by the County.

The quantities for payment under this Contract shall be full compensation determined by actual measurements of the completed items, in place, ready for service, and accepted by the County unless otherwise specified. A CCU representative will witness all field measurements.

SP-U-5: MISCELLANEOUS ITEMS: All miscellaneous items not specifically provided for in the bid proposal, but required for completion of the project and considered pertinent to the work, shall be considered incidental to the project.

SP-U-6: SOURCE OF WATER FOR TESTING AND CLEANING: All water mains, reclaimed water mains, and wastewater mains testing and existing mains flushing shall be done with potable water. It is the Contractor's responsibility to obtain the temporary water meter(s) from CCU and to pay all applicable meter fees/deposits. Upon submittal of the application for a temporary water meter the Contractor shall inform CCU Customer Service that the temporary meter is required for work on a Capital Improvement Project. Failure to properly notify Customer Service at the time the meter application is submitted could delay return of any monies that are due upon project completion. The actual potable water used will be provided at no cost to the Contractor by CCU. Any fees/deposits due back to the Contractor will be returned after the project is completed and the temporary meter is removed. Additional temporary meters for roadway construction, irrigation, field office, etc. shall also be coordinated with CCU Customer Service for applicable meter fees and deposits. Water usage fees will be applied for these meters.

SP-U-7: SALVABLE MATERIAL: All equipment, piping, fittings, valves and appurtenances to be removed or abandoned shall be inspected by the CCU representative immediately prior to removal or abandonment. CCU's decision as to the salvability shall be final. Such material which is, in the opinion of CCU its representative, salvable shall be removed and transported by the Contractor to a desired storage location. If the equipment is not wanted by CCU, the Contractor shall become the owner of the equipment and shall dispose of same at an approved disposal site. Under no circumstances may existing structures, piping, or equipment be removed or demolished without obtaining approval from the CCU representative.

SP-U-8: WATER MAIN OVERDEPTH: Water main shall be installed with a minimum of thirty six (36) inches of cover over the pipe. Any required overdepth, whether shown on the plans or not, will be considered to be incidental to water main installation and no direct compensation will be made therefore.

SP-U-9: FORCEMAIN/RECLAIM WATER MAIN OVERDEPTH: Forcemain / reclaim water main shall be installed with a minimum of forty eight (48) inches of cover over the pipe. Any required overdepth, whether shown on the plans or not, will be considered to be incidental to forcemain / reclaim water main installation and no direct compensation will be made therefore.

SP-U-10: COMPLIANCE: The requirements of the CCU Design Compliance Standards dated November 1, 2011, shall govern all utility and related work. Where a conflict exists in the requirements of a reference material or installation standard, the requirements of CCU shall prevail. Where the requirements of a state or local agency having jurisdiction are more stringent, those requirements shall prevail. CCU Design Compliance Standards, dated November 1, 2011, are available on the Charlotte County Website http://charlottecountyfl.com/CCU/Engineering/Design_Compliance.asp.

SP-U-11: COMPLETION OF THE PROJECT: The Completion of the project shall be accomplished and finalized prior to submittal of the application for final payment by the Contractor. The County shall determine the date of completion for the project when at the minimum the following are met as well as all other conditions defined in the Contract Documents:

- All punch list items have been addressed to the satisfaction of the County,
- All testing has been completed and results are satisfactory (including but not limited to Pipe Pressure Test, Bacteriological and Compaction Tests),
- Record Drawing requirements have been accepted and approved by the County and all other governmental agencies, if applicable,
- All associated equipment and facilities necessary for the reliable operation of the project are complete in accordance with contract requirements and,
- All release of liens have been submitted and are satisfactory to the County, certifying that all payrolls, material bills, and other indebtedness incurred by the Contractor in connection with this project have been paid in full.

SP-U-12: ASBESTOS CEMENT PIPE REMOVAL: The existing asbestos cement pipe shall be removed and disposed as noted on the Contract Drawings. The pipe removal and disposal shall be in accordance with CCU Standard Specifications Section 002310 - Pipe Removal, Disposal, Alteration, Modifications or Pipe Abandonment. Removal must be performed by an Asbestos Abatement Licensed Contractor. The Asbestos

Abatement Licensed Contractor shall file the Notice of Demolition or Asbestos Renovation with the FDEP and is responsible for all notifications requirements in advance of starting the work. The fee, once calculated, shall be the responsibility of the Contractor to pay. Proof of payment of the required fee shall accompany the partial payment request for the asbestos-cement pipe removal.

SP-U-13: PROJECT SIGN - BURIED MAIN SIGN AT SUBAQUIOUS CROSSINGS: The Bid Item includes all labor, equipment, materials and associated appurtenances to install the buried main sign including the galvanized aluminum sign, galvanized steel "U-channel", concrete base support and any other appurtenances in accordance with the Buried Main Sign detail in the CCU Design Compliance Standards dated November 1, 2011. The permanent warning sign shall be installed in compliance with the Florida Department of Environmental Protection (FEDP) requirements for Stream Crossings. Buried Main Signs shall be installed at each bank of the water ways where the subaqueous crossing occurs. The location of each sign shall be coordinated with CEI.

SP-U-14: TEMPORARY MAIN END BLOW-OFF ASSEMBLY: The Bid Item includes all labor, equipment, materials and associated appurtenances to install temporary main end blow-off assemblies as shown on the Contract Engineering Plans. Temporary main end blow-off assemblies shall be in conformance with Standard Detail PW-12 shown in the CCU Design Compliance Standards dated November 1, 2011.

SP-U-15: WATER SERVICE CONNECTION - CONNECTION TO EXISTING PLUMBING: The unit price bid shall be per each residential or commercial water service irrespective of size and shall include any and all items required to connect the plumbing for all existing water services to the newly installed water services as shown on the Contract Engineering Plans for a complete and operation connection.

SP-U-16: SUBAQUEOUS CROSSING TESTING POINT: This Bid Item includes all labor, equipment, materials and associated appurtenances to install the subaqueous crossing test point including all pipe, service saddle, fittings, two (2") inch brass ball valve, brass plug, meter box, restraints and any other appurtenances in accordance with the Subaqueous Crossing Testing Point detail in the CCU Design Compliance Standards dated November 1, 2011. Two (2) testing points shall be provided, one (1) on each side of the upstream valve. Testing shall be included in the piping test and location shall be coordinated with CCU representative.

SP-U-17: TEMPORARY SERVICE FOR EXISTING WATER SERVICE CONNECTIONS: All existing water services shall remain in service throughout the duration of construction activity. Temporary water services must be buried under ground with a minimum cover of one (1) foot. Any and all work associated with this requirement will be included in the Contractor's bid price.

SP-U-18: TEMPORARY FORCEMAIN SHUT DOWN: All wastewater flows shall be maintained. Any interruption shall be coordinated and approved through CCU.

SP-U-19: MAIN TIE IN PLAN (WATER MAIN, REUSE MAIN AND FORCEMAIN): Contractor shall provide a proposed Main Tie In Plan for the water, reuse and forcemain systems prior to construction. Main Tie-In Plans shall be submitted to CCU for review and approval. The Main Tie-In Plans shall include at a minimum proposed construction sequencing, testing procedures and services outages. Any and all work associated with this requirement will be included in the Contractor's bid price.

SP-U-20: AUTOMATIC AIR RELEASE VALVE (ARV) INSTALLATIONS: Upon completion of water main, reuse main and forcemain construction, CCU will provide Contractor with final location of all proposed ARV's. Any and all work associated with this requirement will be included in the Contractor's bid price.

SP-U-21: CONSTRUCTION ON PRIVATE PROPERTY: Prior to any work on any private property, Contractor shall obtain a Temporary Right of Entry from property owner. Temporary Right of Entry form will be provided to

Contractor by County. Any and all work associated with this requirement will be included in the Contractor's bid price.

SP-U-22: SUBMITTALS, MATERIALS, SERVICES AND FACILITIES: All materials, products, or devices incorporated in this project shall be new and unused, unless indicated otherwise in the Contract Documents, and shall be manufactured by reliable manufacturers which are, unless otherwise specified, regularly engaged in the manufacture of such material or devices.

SP-U-23: PRE-INSTALLATION VIDEO: No construction shall take place prior to the County's acceptance of the Pre-Installation Video. Contractor shall submit to the County one (1) copy of a high grade color video-DVD, capable of being played on any DVD Player. The video shall thoroughly capture the intended work area as outlined in the Contract Documents. The Pre-Installation Video will be used to protect all parties involved in the project. All DVD recording shall be submitted to the CCU representative and will become the property of the County.

SP-U-24: TEMPORARY UTILITY CANAL CROSSING: The Contractor shall provide a proposed plan to CCU for approval of the temporary forcemain crossing of the Butterford Waterway so the existing forcemains can be taken out of service for the bridge construction.

SP-U-25: Directional Drill: The Directional Drill Contractor shall submit a Fraction Mitigation Plan to CCU for approval prior to any drilling.

SPECIAL PROVISIONS - GENERAL
GASPARILLA ROAD (CR 771) WIDENING
BID NO. XXXXXXXXXX

Special Provision Section 346 Fiber Reinforced Concrete

FIBER REINFORCED CONCRETE.

ARTICLE 346-1 (of the Supplemental Specifications) is expanded by the following:

Additionally, this specification includes material, labor, equipment, and services requirements necessary to complete the work for fiber reinforced concrete used in concrete bridge decks on prestressed concrete slab units. Based on the superstructure environmental classification, use the following type of fiber reinforcement:

1. polymeric fiber reinforced concrete (PFRC) in all superstructure environments.
2. steel fiber reinforced concrete (SFRC) in moderately and slightly aggressive superstructure environments.
3. basalt fiber reinforced concrete in all superstructure environments.

SUBARTICLE 346-2.1 (of the Supplemental Specifications) is expanded by the following:

Polymeric Fibers**	ASTM C 1116, Type III
Steel Fibers***	ASTM C 1116, Type I
Basalt Fibers****	ASTM C 1116, Type IV

**Use a synergistic blend of high performance macro-monofilaments with sinusoidal deformations and collated-fibrillated polypropylene fibers. Package the blend of fibers in degradable bags with a volume of one bag per cubic yard. Produce an Average Residual Strength (ARS) of no less than 215 psi from a test set of 5 beams in accordance with ASTM C 1399 Test Method for Determining Average Residual Strength of Fiber Reinforced Concrete.

***Use steel fibers made with low-carbon steel and with a minimum ultimate tensile strength of 120,000 psi. Meet the following requirements: length equal to 2 inches, plus or minus 5%, average equivalent diameter equal to 0.035 inch with an aspect ratio of 60, plus or minus 15%. Ensure the material is a continuously deformed circular segment, clean and free of rust, oil and deleterious materials and corrugated full length for increased mechanical anchorage. Produce an ARS of no less than 215 psi from a test set of 5 beams in accordance with ASTM C 1399.

****Use reinforcing basalt fibers made from 100% pure basalt fiber. Produce on ARS of no less than 215 psi from a test set of five beams in accordance with ASTM C 1399. Basalt micro fibers are not required to meet the provisions of ASTM C 1399

SUBARTICLE 346-2.4 (of the Supplemental Specifications) is expanded by the following:

When polymeric fiber or steel fiber reinforced concrete is required, Size No. 89 coarse aggregate may be used.

SUBARTICLE 346-2.5.1 (of the Supplemental Specifications) is expanded by the following:

In fiber reinforced concrete mixes, use Type D water-reducing and retarding admixture, and shrinkage reducing admixture (SRA) meeting the requirements of ASTM C494, Type S. The SRA must be approved by the Department prior to its use.

SUBARTICLE 346-6.1 (of the Supplemental Specifications) is expanded by the following:

For fiber reinforced concrete, start the finishing and curing process prior to the drying of the concrete surface. Include the details of the mixing, batching, delivery, placement, finishing and curing methods of the polymeric or steel fiber reinforced concrete in the quality control plan.

SUBARTICLE 346-6.2 (of the Supplemental Specifications) is expanded by the following:

For fiber reinforced concrete, submit the following information with the mix design to the District Materials Office for approval:

1. Manufacturer's printed product data to indicate proposed polymeric or steel fiber reinforced concrete materials including application rate per cubic yard of concrete.
2. Manufacturer's printed batching and mixing instructions.
3. Manufacturer's Certification of performance meeting the requirements of ASTM C 1116.

SUBARTICLE 346-7.1 (of the Supplemental Specifications) is expanded by the following:

346-7.1.1 Fiber Reinforced Concrete Mixing: Follow the requirements of the manufacturer's recommendation for mixing sequence, number of revolutions at mixing speed, and mixing procedure. Do not exceed the limits defined in Chapter 9.2 of the Materials Manual. Batch fiber reinforced concrete in whole cubic yard quantities. Add fibers at the concrete plant. Limit the batch volume to three-quarters of the rated capacity of the transit mixer.

Ensure that no tightly bound fiber clumps enter the mix. Demonstrate a satisfactory method of introducing the polymeric fibers into the mixture during the field demonstration batch.

346-7.1.2 Laboratory Trial Batch of Fiber Reinforced Concrete Mix: Perform a laboratory trial batch meeting the requirements of 346-6.2. Ensure the fiber reinforced concrete meets the plastic and hardened properties of this Section and the applicable provisions of ASTM C 1116.

During the development of the laboratory trial batch, and where macro fibers are required, prepare a set of at least 5 beams from each sample of fresh or hardened concrete meeting the requirements of ASTM C 1399. Deliver the samples of concrete beams to the State Materials Office for an ARS test at the time the mix design is being developed.

346-7.1.3 Field Demonstration of Fiber Reinforced Concrete Mix: Subsequent to the satisfactory laboratory trial batch, perform a field demonstration of the proposed mix design by production and placement of at least one demonstration batch (3 cubic yards minimum) for approval by the Engineer. During the development of the field trial batch, and where macro fibers are required, prepare a set of at least five beams from each sample of fresh or hardened concrete meeting the requirements of ASTM C 1399. Deliver the samples of concrete beams to the State Materials Office for an ARS test within 7 days of casting the samples.

The Engineer's approval will be based on the acceptable results of the plastic and hardened concrete samples and an acceptable surface finish of the field demonstration concrete and the ability to introduce fibers without clumping.

346-7.1.5 Fiber Reinforced Concrete Placement and Curing: Ensure fiber reinforced concrete delivered to the project conforms to the applicable provisions of ASTM C 1116.

Place and cure the fiber reinforced concrete in accordance with Section 400.

PART B

CONSTRUCTION PLANS

**CONSTRUCTION PLANS
GASPARILLA ROAD (CR 771) WIDENING
BID NO. XXXXXXXXXX**

Construction plans shall consist of the following signed and sealed component plan sets:

- Contract Plans prepared by Johnson Engineering, Inc. dated March 2014
- Signing and Pavement Marking Plans prepared by Johnson Engineering, Inc. dated March 2014
- Lighting Plans and Intelligent Transportation Systems Plans prepared by Florida Transportation Engineers, Inc. dated February 2014
- Bridge Plans prepared by Stanley Consultants, Inc. dated January 2014
- Signalization Plans prepared by Florida Transportation Engineers, Inc. dated March 2014
- Gasparilla Road Utilities Plans prepared by Southwest Engineering & Design dated March 2014

PART C

DESIGN STANDARDS

**DESIGN STANDARDS
GASPARILLA ROAD (CR 771) WIDENING
BID NO. XXXXXXXXXX**

Construction shall be in accordance with the FDOT Design Standards 2013 Edition and applicable revisions found at:

<http://www.dot.state.fl.us/rddesign/DS/13/STDs.shtm>

These standards shall be followed as if included herein.

PART D

SUPPLEMENTAL SPECIFICATIONS

**SUPPLEMENTAL SPECIFICATIONS - GENERAL
GASPARILLA ROAD (CR 771) WIDENING
BID NO. XXXXXXXXXX**

These Supplemental Specifications amend or supplement the Standard Specifications in Part E. All provisions which are not so amended or supplemented remain in full force and effect.

Construction shall be in accordance with the Charlotte County Ordinance 85-43 Establishing Requirements Covering Construction or Restoration within County Rights-of-Way and Easements found at:

http://www.charlottecountyfl.gov/services/buildingconstruction/Documents/CHARLOTTE_COUNTY_ORDINANCE_85-43.pdf

The FDOT Standard Specifications for Road and Bridge Construction 2013 Edition are amended by the "Latest Revision" (Supplemental Specifications) found at:

<http://www.dot.state.fl.us/specificationsoffice/Implemented/SpecBooks/2013/2013BK.shtm>

These specifications shall be followed as if included herein.

**SUPPLEMENTAL SPECIFICATIONS - UTILITIES
GASPARILLA ROAD (CR 771) WIDENING
BID NO. XXXXXXXXXX**

SS-U-01 GENERAL UTILITY SPECIFICATIONS: The Contractor is responsible for compliance with the applicable technical requirement of the Charlotte County Utility (CCU) Design Compliance Standards dated November 1, 2011 which are not included with the engineering drawings but are available for download on the CCU website at <http://www.charlottecountyfl.com/ccu/engineering/>. Any exception(s) to the design compliance standards are included in the special provisions of the Bid Documents.

SS-U-556 JACK AND BORE UNDER SR776 (FDOT): All construction shall conform to FDOT Standard Specification Section 556, except as otherwise modified or amended herein.

MEASUREMENT AND PAYMENT: Payment for shall include all labor, supervision, equipment, material and incidentals necessary to complete the work. Payment shall be made under:

Bid Item No. 556-1-6	Jack and Bore	Lineal Foot (LF)
----------------------	---------------	------------------

SS-U-02: BRIDGE CROSSING PIPE SUPPORTS: The cradle supports that are not on the bridge deck or approach slabs are included in this pay item. The support cradles that are part of the bridge deck and approach slabs are included in the bridge quantities. The components (straps, pads, bolts, nuts, etc) for all of the support cradles, on the bridge and off, shall be included in the cost of each cradle.

MEASUREMENT AND PAYMENT: Payment for shall include all labor, supervision, equipment, material and incidentals necessary to complete the work. Payment shall be made under:

Bid Item No. SS-U-02	Pipe Support Cradle	Each (EA)
----------------------	---------------------	-----------

SUPPLEMENTAL SPECIFICATIONS - LIGHTING
GASPARILLA ROAD (CR 771) WIDENING
BID NO. XXXXXXXXXX

These Supplemental Specifications for Roadway Lighting Systems amend or supplement the FDOT Standard Specifications for Road and Bridge Construction 2013 Edition and are found at:

<http://www.charlottecountyfl.com/PublicWorks/Engineering/transportation/2013WebpageRoadwaySpecs.pdf>

These specifications shall be followed as if included herein.

**SUPPLEMENTAL SPECIFICATIONS - SIGNALIZATION
GASPARILLA ROAD (CR 771) WIDENING
BID NO. XXXXXXXXXX**

These Supplemental Specifications amend or supplement the FDOT Standard Specifications for Road and Bridge Construction 2013 Edition and are found at:

<http://www.charlottecountyfl.com/publicworks/engineering/transportation/specificationsfortrafficsignalinstallation201306.pdf>

These specifications shall be followed as if included herein.

SUPPLEMENTAL SPECIFICATIONS - SIGNING
GASPARILLA ROAD (CR 771) WIDENING
BID NO. XXXXXXXXXX

These supplemental specifications for signage apply to all signage within the Charlotte County right-of-way. Signage within the FDOT right-of-way (SR 776) shall be in accordance with the FDOT Design Standards 2013 and FDOT Standard Specifications for Road and Bridge Construction 2013 Edition as referenced herein.

SS-P-40 GENERAL: The work specified in the Technical Specification consists of furnishing and installing new highway signs, relocation of existing signs and removal of existing signs in conformance with these specifications and the particular types, sizes, and dimensions as shown on the detailed plans.

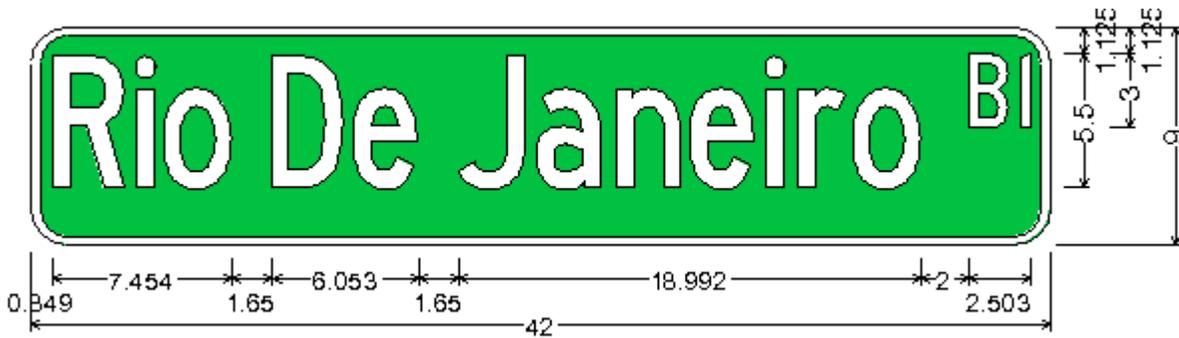
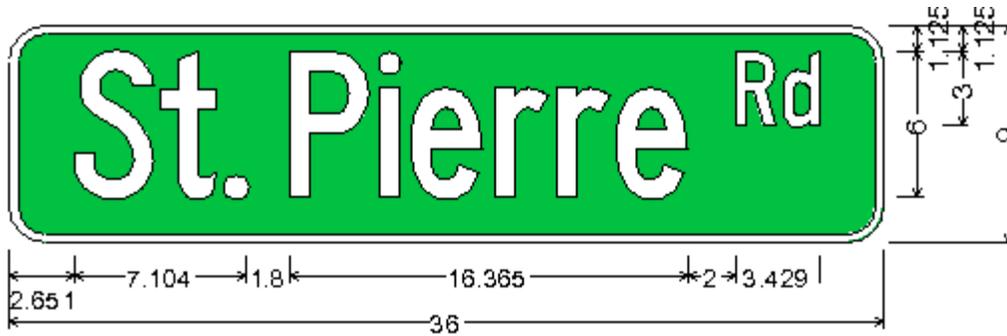
Construction of new highway signs, relocation of existing signs, and removal of existing signs shall conform with the requirements of Section 700 of the FDOT Standard Specifications for Road and Bridge Construction, dated 2007, and in accordance with FDOT Roadway and Traffic Design Standards, Index 17302, dated January 2006. Also refer to the Supplemental Specifications for Charlotte County Traffic Signal Installations, attached below.

SIGN FACE

Reflective Sheeting: The film shall be either 3M High Intensity Prismatic Sheeting, 3M VIP Diamond Grade Reflective Sheeting, or a County approved equal.

- Silk screening or Electro Cut material may be overlaid onto the sheeting.
- Stop signs shall use 3M VIP Diamond Grade Sheeting, or a County approved equal.
- Pedestrian warning signs shall be made of Diamond Grad Fluorescent VIP Yellow Green Microprismatic Reflective Sheeting.
- Street signs are to be green with silver lettering and borders. Street signs are to be made with silver Hi Prismatic material, with green EC material overlaid onto the material. The border width is to be 0.375" with the radius of the corners of 1.5". The maximum size of the street sign blank is 42" X 9". If the street name, once laid out, will not fit on the 42" blank, the size of the letters may be reduced to 5" C Series letters to accommodate the street name. No letters are to touch or penetrate the border.





- All other signs shall use 3M Scotchlite 3870 High Intensity Reflective Sheeting.
2. Sign Film and Film Application Tape: The traffic control sign film shall consist of highly durable, transparent, acrylic colored films, coated with a transparent, pressure sensitive adhesive, protected by a removable translucent synthetic, release liner.
 3. Shape, Size, Legends, and Color: Sign faces shall meet the shape, size, legends, and color requirements of the Manual on Uniform Traffic Control Devices and the Standard Highway Signs Manual latest editions.

All street names are to be 6" C Series letters, with 3" C Series letters designation the type of road (i.e. Street, Road, Boulevard, Drive, Way).

4. Aluminum Sign Blanks: All sign blanks and street signs shall be fabricated from aluminum sheet conforming to ASTM Specification B209, with 5052-H38 Alloy and shall have a thickness of 0.080 inches.

Sign blank dimensions, hole size, location of holes, and corner radii shall be as defined in the U.S. Department of Transportation Standard Highway Manual, and the Manual on Uniform Traffic Control Devices.

5. Sign Posts: Steel posts shall conform to the standard specification of hot-rolled carbon sheet steel, structural quality. The cross section of the post shall be a square tube formed of 14-gauge square galvanized steel posts – full punch. Posts to be 2" square, carefully rolled to size and welded in the corner. The furnished members shall be straight and shall have a smooth uniform finish.

All sign post outside concreted areas shall be placed with Hi Strength Concrete Mix with meets or exceeds ASTM C-387 Specifications. Each post shall have a minimum of 20

pounds and a maximum of 40 pounds of concrete placed around each post. The top of the concrete shall be a minimum of 24" below the final surface.

All signs placed in concreted areas shall have a 12" PVC pipe liner insert surrounding the sign post. The PVC shall be flush with the final surface of the surrounding concrete and be filled with dirt to support the sign. These shall not be filled with concrete.

6. Sign Height & Locations: All post mounted signs shall conform to the MUTCD standards.

METHOD OF MEASUREMENT: The quantity to be paid for under this section shall be for unit prices which shall include all labor and materials for the furnishing and installing of all highway signing as shown on the plans, removing and relocating existing signs, and all incidental items necessary to complete the item per this section.

BASIS OF PAYMENT: The quantities of roadway signs, determined as provided above, shall be paid for at the Contract unit price per sign assembly.

Bid Item No. 700-20-11	Single Post Sign (F/I) (<12 SF)	Assembly (AS)
Bid Item No. 700-20-40	Single Post Sign (Relocate)	Assembly (AS)

**SUPPLEMENTAL SPECIFICATIONS - FIBER OPTIC
GASPARILLA ROAD (CR 771) WIDENING
BID NO. XXXXXXXXXX**

These Fiber Optic Specifications amend or supplement the FDOT Standard Specifications for Road and Bridge Construction 2013 Edition and are found at:

<http://www.charlottecountyfl.com/PublicWorks/Engineering/transportation/FiberOpticSpecifications0409.pdf>

These specifications shall be followed as if included herein.

**SUPPLEMENTAL SPECIFICATIONS - MAINTENANCE OF TRAFFIC
GASPARILLA ROAD (CR 771) WIDENING
BID NO. XXXXXXXXXX**

The latest version of the Charlotte County Maintenance of Traffic Policy amends or supplements the FDOT Standard Specifications for Road and Bridge Construction 2013 Edition and are found at:

<http://www.charlottecountyfl.com/PublicWorks/Engineering/MOTPolicy20120320.pdf>

These specifications shall be followed as if included herein.

PART E

STANDARD SPECIFICATIONS

**STANDARD SPECIFICATIONS - GENERAL
GASPARILLA ROAD (CR 771) WIDENING
BID NO. XXXXXXXXXX**

Construction shall be in accordance with the FDOT Standard Specifications for Road and Bridge Construction 2013 Edition found at:

<http://www.dot.state.fl.us/specificationsoffice/Implemented/SpecBooks/2013/2013BK.shtm>

These specifications shall be followed as if included herein.

ATTACHMENTS

PERMITS

PERMITS
GASPARILLA ROAD (CR 771) WIDENING
BID NO. XXXXXXXXXX

The Contractor is responsible for submitting the Notice of Intent (NOI) and the Stormwater Pollution Prevention Plan (SWPPP) to the Florida Department of Environmental Protection. The Contractor shall submit a copy of the NOI and the SWPPP at the pre-construction conference for review. The Contractor will be required to have all erosion control devices in place prior to commencing other work. Costs associated with the NOI and SWPPP are the responsibility of the Contractor.

Copies of the permits obtained for this project are listed below and contained herein. The contractor shall be required to abide by all conditions and requirements of these permits.

Florida Department of Environmental Protection Notice of Intent to use the General Permit for Construction of Water Main Extensions of PWSs

Florida Department of Environmental Protection Notification/Application for Constructing a Domestic Wastewater Collection/Transmission System

South Florida Water Management District - Environmental Resource Permit

USACE Nationwide Permit



Southwest Florida Water Management District

2379 Broad Street, Brooksville, Florida 34604-6899
(352) 796-7211 or 1-800-423-1476 (FL only)
SUNCOM 628-4150 TDD only 1-800-231-6103 (FL only)
On the Internet at: WaterMatters.org

An Equal
Opportunity
Employer

Bartow Service Office
170 Century Boulevard
Bartow, Florida 33830-7700
(863) 534-1448 or
1-800-492-7862 (FL only)

Sarasota Service Office
6750 Fruitville Road
Sarasota, Florida 34240-9711
(941) 377-3722 or
1-800-320-3503 (FL only)

Tampa Service Office
7601 Highway 301 North
Tampa, Florida 33637-6759
(813) 985-7481 or
1-800-836-0797 (FL only)

December 26, 2013

Charlotte County
Attn: Joanne Vernon
18500 Murdock Circle
Port Charlotte, FL 33948

Subject: **Notice of Intended Agency Action
ERP Individual Construction**

Project Name: Gasparilla Road Widening (CR771)
App ID/Permit No: 682086 / 43041339.000
County: CHARLOTTE
Sec/Twp/Rge: S08/T41S/R21E, S20/T41S/R21E, S09/T41S/R21E,
S17/T41S/R21E, S04/T41S/R21E

Dear Permittee(s):

Your Environmental Resource Permit has been approved contingent upon no objection to the District's action being received by the District within the time frames described in the enclosed Notice of Rights.

If approved construction plans are part of the permit, construction must be in accordance with these plans. These drawings are available for viewing or downloading through the District's Application and Permit Search Tools located at www.WaterMatters.org/permits.

The District's action in this matter only becomes closed to future legal challenges from members of the public if such persons have been properly notified of the District's action and no person objects to the District's action within the prescribed period of time following the notification. The District does not publish notices of intended agency action. If you wish to limit the time within which a person who does not receive actual written notice from the District may request an administrative hearing regarding this action, you are strongly encouraged to publish, at your own expense, a notice of intended agency action in the legal advertisement section of a newspaper of general circulation in the county or counties where the activity will occur. Publishing notice of intended agency action will close the window for filing a petition for hearing. Legal requirements and instructions for publishing notice of intended agency action, as well as a noticing form that can be used is available from the District's website at www.WaterMatters.org/permits/noticing. If you publish notice of intended agency action, a copy of the affidavit of publishing provided by the newspaper should be sent to the District's Tampa Service Office, for retention in the File of Record for this agency action.

If you have questions, please contact Buddy Wood, at the Tampa Service Office, extension 2030. For assistance with environmental concerns, please contact Blake Meinecke, extension 2141.

Sincerely,

David Kramer, P.E.
Manager
Environmental Resource Permit Bureau
Regulation Division

Enclosures: Approved Permit w/Conditions Attached
 [Statement of Completion](#)
 Notice of Authorization to Commence Construction
 Notice of Rights
cc: U. S. Army Corps of Engineers
 Patricia Bell, P.E., Johnson Engineering, Inc.

**SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT
ENVIRONMENTAL RESOURCE
INDIVIDUAL CONSTRUCTION
PERMIT NO. 43041339.000**

EXPIRATION DATE: December 26, 2018

PERMIT ISSUE DATE: December 26, 2013

This permit is issued under the provisions of Chapter 373, Florida Statutes, (F.S.), and the Rules contained in Chapter 62-330, Florida Administrative Code, (F.A.C.). The permit authorizes the Permittee to proceed with the construction of a surface water management system in accordance with the information outlined herein and shown by the application, approved drawings, plans, specifications, and other documents, attached hereto and kept on file at the Southwest Florida Water Management District (District). Unless otherwise stated by permit specific condition, permit issuance constitutes certification of compliance with state water quality standards under Section 401 of the Clean Water Act, 33 U.S.C. 1341. All construction, operation and maintenance of the surface water management system authorized by this permit shall occur in compliance with Florida Statutes and Administrative Code and the conditions of this permit.

PROJECT NAME: Gasparilla Road Widening (CR771)

GRANTED TO: Charlotte County
Attn: Joanne Vernon
18500 Murdock Circle
Port Charlotte, FL 33948

OTHER PERMITTEES: N/A

ABSTRACT: This permit is for the construction of a surface water management system serving a 65.96-acre road project. This permit includes the widening of approximately 2.0 miles of Gasparilla Road from two lanes to four lanes and construction of the associated stormwater management system. Water quality treatment will be provided in the stormwater ponds via effluent filtration and wet detention. Ponds 100, 200A, 200B, 300A, 400A, 400B, 400C and 500 are inter-connected. Water quality treatment will be provided in these ponds through effluent filtration. Water quality treatment is provided in Pond 600 through wet detention. Water quantity attenuation is not required, since this project discharges to a tidally-controlled water body. The project is located along Gasparilla Road from Keystone Boulevard to South McCall Road in Charlotte County. Information regarding wetlands and/or surface waters is stated below and on the permitted construction drawings for the project.

OP. & MAIN. ENTITY: Charlotte County

OTHER OP. & MAIN. ENTITY: N/A

COUNTY: CHARLOTTE

SEC/TWP/RGE: S08/T41S/R21E, S20/T41S/R21E, S09/T41S/R21E, S17/T41S/R21E,
S04/T41S/R21E

**TOTAL ACRES OWNED
OR UNDER CONTROL:**

65.96

PROJECT SIZE: 65.96 Acres

LAND USE: Road Projects

DATE APPLICATION FILED: June 27, 2013

AMENDED DATE: N/A

I. Water Quantity/Quality

POND No.	Area Acres @ Top of Bank	Treatment Type
100	0.65	EFFLUENT FILTRATION
200A, 200B	0.18	EFFLUENT FILTRATION
300A	0.15	EFFLUENT FILTRATION
400A, 400B, 400C	0.25	EFFLUENT FILTRATION
500	0.17	EFFLUENT FILTRATION
600	2.35	MAN-MADE WET DETENTION
	Total: 3.75	

Water Quantity/Quality Comments

Water quality treatment will be provided in the stormwater ponds via effluent filtration and wet detention. Ponds 100, 200A, 200B, 300A, 400A, 400B, 400C and 500 are inter-connected. Water quality treatment will be provided in these ponds through effluent filtration. Water quality treatment is provided in Pond 600 through wet detention. Water quantity attenuation is not required, since this project discharges to a tidally-controlled water body. A mixing zone is not required. A variance is not required.

II. 100-Year Floodplain

Encroachment (Acre-Feet of fill)	Compensation (Acre-Feet of excavation)	Compensation Type	Encroachment Result* (feet)
0.00	0.00	No Encroachment	N/A

*Depth of change in flood stage (level) over existing receiving water stage resulting from floodplain encroachment caused by a project that claims Minimal Impact type of compensation.

III. Environmental Considerations

Wetland/Other Surface Water Information

Wetland/Other Surface Water Name	Total Acres	Not Impacted Acres	Permanent Impacts		Temporary Impacts	
			Acres	Functional Loss*	Acres	Functional Loss*
OSW-1	0.44	0.00	0.44	0.00	0.00	0.00
SW-1	0.71	0.40	0.07	0.00	0.24	0.00
Total:	1.15	0.40	0.51	0.00	0.24	0.00

* For impacts that do not require mitigation, their functional loss is not included.

Wetland/Other Surface Water Comments:

Wetlands are not located within the project area for this ERP; however, there are 1.15 acres of other surface water features, consisting of 1.15 acres of upland cut ditches and canals (FLUCCS 510), located within the project area. Permanent dredging and filling impacts to 0.51 acre of the project surface waters will occur for the widening of CR 771. Temporary surface water impacts of 0.24 acre are proposed for the recontouring and stabilization of existing canal side banks and installation of outfall structures. Re-vegetation of the temporarily impacted surface water areas is to occur via natural recruitment.

Mitigation InformationMitigation Comments:

Wetland mitigation is not required for permanent filling/dredging impacts to the upland cut ditches and canal pursuant to Subsection 10.2.2.2 of the Environmental Resource Permit Applicant's Handbook Volume I. Under this Subsection, wetland mitigation is not required for impacts to drainage ditches that were constructed in uplands and do not provide significant habitat for threatened or endangered species and were not constructed to divert natural stream flow.

Specific Conditions

1. If the ownership of the project area covered by the subject permit is divided, with someone other than the Permittee becoming the owner of part of the project area, this permit shall terminate, pursuant to Rule 40D-1.6105, F.A.C. In such situations, each land owner shall obtain a permit (which may be a modification of this permit) for the land owned by that person. This condition shall not apply to the division and sale of lots or units in residential subdivisions or condominiums.
2. The Permittee shall retain the design engineer, or other professional engineer registered in Florida, to conduct on-site observations of construction and assist with the as-built certification requirements of this project. The Permittee shall inform the District in writing of the name, address and phone number of the professional engineer so employed. This information shall be submitted prior to construction.
3. The following boundaries, as shown on the approved construction drawings, shall be clearly delineated on the site prior to initial clearing or grading activities:
 - wetland and surface water areas
 - wetland buffers
 - limits of approved wetland impactsThe delineation shall endure throughout the construction period and be readily discernible to construction and District personnel.
4. All wetland and surface water boundaries shown on the approved construction drawings shall be binding upon the Permittee and the District for the term of this permit. If this permit is extended, the wetland and surface water boundaries shall only remain binding for the term of such extension provided that physical conditions on the property, as solely determined by District staff, do not change so as to alter the boundaries of the delineated wetlands or other surface waters during the permit term, unless such change has been authorized by a permit issued under Part IV, Chapter 373, F.S.
5. All construction is prohibited within the permitted project area until the Permittee acquires legal ownership or legal control of the project area as delineated in the permitted construction drawings.
6. Prior to installation of the filter media, the Permittee's contractor shall submit a certified test of the media to the Permittee's *design professional*. The test shall address the following parameters: uniformity coefficient, effective grain size, sieve analysis, percent silts, clays and organic matter, and permeability testing (constant head). If testing indicates the actual permeability rate is less than the value specified in the permitted design, a permit modification will be required to lengthen the effluent filtration system. The Permittee shall also notify the District Service Office that services this permit, at least 48 hours prior to commencement of construction of the effluent filtration system, so that District staff may observe this construction activity.
7. For effluent filtration systems, the detention area(s) shall become dry within 36 hours after a rainfall event. If a detention area is regularly wet, this situation shall be deemed to be a violation of this permit.

8. If limestone bedrock is encountered during construction of the surface water management system, the District must be notified and construction in the affected area shall cease.
9. The Permittee shall notify the District of any sinkhole development in the surface water management system within 48 hours of discovery and must submit a detailed sinkhole evaluation and repair plan for approval by the District within 30 days of discovery.
10. The Permitted Plan Set for this project includes: Directional Drill Plan Sheets 1A and 1B from the submittal received by the District on June 27, 2013; Plan Sheets 1 through 97, 98 through 190 from the submittal received by the District on October 7, 2013; Plan Sheets 97A, 97B and 97C from the submittal received by the District on November 27, 2013.
11. The operation and maintenance entity shall provide for the inspection of the permitted project after conversion of the permit to the operation and maintenance phase. For systems utilizing effluent filtration or exfiltration or systems utilizing effluent filtration or exfiltration and retention or wet detention, the inspections shall be performed 24 months after operation is authorized and every 24 months thereafter.

The operation and maintenance entity must maintain a record of each inspection, including the date of inspection, the name and contact information of the inspector, whether the system was functioning as designed and permitted, and make such record available upon request of the District.

Within 30 days of any failure of a stormwater management system or deviation from the permit, an inspection report shall be submitted using Form 62-330.311(1), "Operation and Maintenance Inspection Certification" describing the remedial actions taken to resolve the failure or deviation.

12. District staff must be notified in advance of any proposed construction dewatering. If the dewatering activity is likely to result in offsite discharge or sediment transport into wetlands or surface waters, a written dewatering plan must either have been submitted and approved with the permit application or submitted to the District as a permit prior to the dewatering event as a permit modification. A water use permit may be required prior to any use exceeding the thresholds in Chapter 40D-2, F.A.C.
13. Off-site discharges during construction and development shall be made only through the facilities authorized by this permit. Water discharged from the project shall be through structures having a mechanism suitable for regulating upstream stages. Stages may be subject to operating schedules satisfactory to the District.
14. The permittee shall complete construction of all aspects of the surface water management system, including wetland compensation (grading, mulching, planting), water quality treatment features, and discharge control facilities prior to beneficial occupancy or use of the development being served by this system.
15. The following shall be properly abandoned and/or removed in accordance with the applicable regulations:
 - a. Any existing wells in the path of construction shall be properly plugged and abandoned by a licensed well contractor.
 - b. Any existing septic tanks on site shall be abandoned at the beginning of construction.
 - c. Any existing fuel storage tanks and fuel pumps shall be removed at the beginning of construction
16. All surface water management systems shall be operated to conserve water in order to maintain

environmental quality and resource protection; to increase the efficiency of transport, application and use; to decrease waste; to minimize unnatural runoff from the property and to minimize dewatering of offsite property.

17. Each phase or independent portion of the permitted system must be completed in accordance with the permitted plans and permit conditions prior to the occupation of the site or operation of site infrastructure located within the area served by that portion or phase of the system. Each phase or independent portion of the system must be completed in accordance with the permitted plans and permit conditions prior to transfer of responsibility for operation and maintenance of that phase or portion of the system to a local government or other responsible entity.
18. This permit is valid only for the specific processes, operations and designs indicated on the approved drawings or exhibits submitted in support of the permit application. Any substantial deviation from the approved drawings, exhibits, specifications or permit conditions, including construction within the total land area but outside the approved project area(s), may constitute grounds for revocation or enforcement action by the District, unless a modification has been applied for and approved. Examples of substantial deviations include excavation of ponds, ditches or sump areas deeper than shown on the approved plans.
19. The Standard Manatee Construction Conditions for In-water Work (2011) must be followed for all in-water activity.
20. To reduce the risk of entrapment and drowning of manatees, grating shall be installed and maintained over any existing or proposed pipes or culverts greater than 8 inches, but smaller than 8 feet in diameter that are submerged or partially submerged and accessible to manatees. Bars or grates no more than 8 inches apart shall be placed on the accessible end(s) during all phases of the construction process and as a final design element to restrict manatee access.
21. In the event of a frac-out during the directional drilling, the permittee shall notify the Florida Fish and Wildlife Conservation Commission at Imperiledspecies@myfwc.com.

GENERAL CONDITIONS

1. The general conditions attached hereto as Exhibit "A" are hereby incorporated into this permit by reference and the Permittee shall comply with them.

David Kramer, P.E.

Authorized Signature

EXHIBIT A

GENERAL CONDITIONS:

- 1 The following general conditions are binding on all individual permits issued under this chapter, except where the conditions are not applicable to the authorized activity, or where the conditions must be modified to accommodate, project-specific conditions.
 - a. All activities shall be implemented following the plans, specifications and performance criteria approved by this permit. Any deviations must be authorized in a permit modification in accordance with Rule 62-330.315, F.A.C., or the permit may be revoked and the permittee may be subject to enforcement action.
 - b. A complete copy of this permit shall be kept at the work site of the permitted activity during the construction phase, and shall be available for review at the work site upon request by the Agency staff. The permittee shall require the contractor to review the complete permit prior to beginning construction.
 - c. Activities shall be conducted in a manner that does not cause or contribute to violations of state water quality standards. Performance-based erosion and sediment control best management practices shall be installed immediately prior to, and be maintained during and after construction as needed, to prevent adverse impacts to the water resources and adjacent lands. Such practices shall be in accordance with the *State of Florida Erosion and Sediment Control Designer and Reviewer Manual (Florida Department of Environmental Protection and Florida Department of Transportation June 2007)*, and the *Florida Stormwater Erosion and Sedimentation Control Inspector's Manual (Florida Department of Environmental Protection, Nonpoint Source Management Section, Tallahassee, Florida, July 2008)*, which are both incorporated by reference in subparagraph 62-330.050(8)(b)5, F.A.C., unless a projectspecific erosion and sediment control plan is approved or other water quality control measures are required as part of the permit.
 - d. At least 48 hours prior to beginning the authorized activities, the permittee shall submit to the Agency a fully executed Form 62-330.350(1), "Construction Commencement Notice,"[effective date], incorporated by reference herein (<http://www.flrules.org/Gateway/reference.asp?No=Ref-02505>), indicating the expected start and completion dates. A copy of this form may be obtained from the Agency, as described in subsection 62-330.010(5), F.A.C. If available, an Agency website that fulfills this notification requirement may be used in lieu of the form.
 - e. Unless the permit is transferred under Rule 62-330.340, F.A.C., or transferred to an operating entity under Rule 62-330.310, F.A.C., the permittee is liable to comply with the plans, terms and conditions of the permit for the life of the project or activity.
 - f. Within 30 days after completing construction of the entire project, or any independent portion of the project, the permittee shall provide the following to the Agency, as applicable:
 1. For an individual, private single-family residential dwelling unit, duplex, triplex, or quadruplex - "Construction Completion and Inspection Certification for Activities Associated with a Private Single-Family Dwelling Unit" [Form 62-330.310(3)]; or
 2. For all other activities - "As-Built Certification and Request for Conversion to Operational Phase" [Form 62-330.310(1)].
 3. If available, an Agency website that fulfills this certification requirement may be used in lieu of the form.
 - g. If the final operation and maintenance entity is a third party:
 1. Prior to sales of any lot or unit served by the activity and within one year of permit issuance, or within 30 days of as- built certification, whichever comes first, the permittee shall submit, as applicable, a copy of the operation and maintenance documents (see sections 12.3 thru 12.3.3 of Volume I) as filed with the Department of State, Division of Corporations and a copy of any easement, plat, or deed restriction

needed to operate or maintain the project, as recorded with the Clerk of the Court in the County in which the activity is located.

2. Within 30 days of submittal of the as-built certification, the permittee shall submit "Request for Transfer of Environmental Resource Permit to the Perpetual Operation Entity" [Form 62-330.310(2)] to transfer the permit to the operation and maintenance entity, along with the documentation requested in the form. If available, an Agency website that fulfills this transfer requirement may be used in lieu of the form.
- h. The permittee shall notify the Agency in writing of changes required by any other regulatory agency that require changes to the permitted activity, and any required modification of this permit must be obtained prior to implementing the changes.
- i. This permit does not:
 1. Convey to the permittee any property rights or privileges, or any other rights or privileges other than those specified herein or in Chapter 62-330, F.A.C.;
 2. Convey to the permittee or create in the permittee any interest in real property;
 3. Relieve the permittee from the need to obtain and comply with any other required federal, state, and local authorization, law, rule, or ordinance; or
 4. Authorize any entrance upon or work on property that is not owned, held in easement, or controlled by the permittee.
- j. Prior to conducting any activities on state-owned submerged lands or other lands of the state, title to which is vested in the Board of Trustees of the Internal Improvement Trust Fund, the permittee must receive all necessary approvals and authorizations under Chapters 253 and 258, F.S. Written authorization that requires formal execution by the Board of Trustees of the Internal Improvement Trust Fund shall not be considered received until it has been fully executed.
- k. The permittee shall hold and save the Agency harmless from any and all damages, claims, or liabilities that may arise by reason of the construction, alteration, operation, maintenance, removal, abandonment or use of any project authorized by the permit.
- l. The permittee shall notify the Agency in writing:
 1. Immediately if any previously submitted information is discovered to be inaccurate; and
 2. Within 30 days of any conveyance or division of ownership or control of the property or the system, other than conveyance via a long-term lease, and the new owner shall request transfer of the permit in accordance with Rule 62-330.340, F.A.C. This does not apply to the sale of lots or units in residential or commercial subdivisions or condominiums where the stormwater management system has been completed and converted to the operation phase.
- m. Upon reasonable notice to the permittee, Agency staff with proper identification shall have permission to enter, inspect, sample and test the project or activities to ensure conformity with the plans and specifications authorized in the permit.
- n. If any prehistoric or historic artifacts, such as pottery or ceramics, stone tools or metal implements, dugout canoes, or any other physical remains that could be associated with Native American cultures, or early colonial or American settlement are encountered at any time within the project site area, work involving subsurface disturbance in the immediate vicinity of such discoveries shall cease. The permittee or other designee shall contact the Florida Department of State, Division of Historical Resources, Compliance and Review Section, at (850) 245-6333 or (800) 847-7278, as well as the appropriate permitting agency office. Such subsurface work shall not resume without verbal or written authorization from the Division of Historical Resources. If unmarked human remains are encountered, all work shall stop immediately and notification

shall be provided in accordance with Section 872.05, F.S. (2012).

- o. Any delineation of the extent of a wetland or other surface water submitted as part of the permit application, including plans or other supporting documentation, shall not be considered binding unless a specific condition of this permit or a formal determination under Rule 62-330.201, F.A.C., provides otherwise.
 - p. The permittee shall provide routine maintenance of all components of the stormwater management system to remove trapped sediments and debris. Removed materials shall be disposed of in a landfill or other uplands in a manner that does not require a permit under Chapter 62-330, F.A.C., or cause violations of state water quality standards.
 - q. This permit is issued based on the applicant's submitted information that reasonably demonstrates that adverse water resource-related impacts will not be caused by the completed permit activity. If any adverse impacts result, the Agency will require the permittee to eliminate the cause, obtain any necessary permit modification, and take any necessary corrective actions to resolve the adverse impacts.
 - r. A Recorded Notice of Environmental Resource Permit may be recorded in the county public records in accordance with Rule 62-330.090(7), F.A.C. Such notice is not an encumbrance upon the property.
2. In addition to those general conditions in subsection (1) above, the Agency shall impose any additional project-specific special conditions necessary to assure the permitted activities will not be harmful to the water resources, as set forth in Rules 62-330.301 and 62-330.302, F.A.C., Volumes I and II, as applicable, and the rules incorporated by reference in this chapter.

SOUTHWEST FLORIDA
WATER MANAGEMENT DISTRICT

**NOTICE OF
AUTHORIZATION
TO COMMENCE CONSTRUCTION**

Gasparilla Road Widening (CR771)

PROJECT NAME

Road Projects

PROJECT TYPE

CHARLOTTE

COUNTY

S08/T41S/R21E...

See Permit for additional STR listings

SEC(S)/TWP(S)/RGE(S)

Charlotte County

PERMITTEE

APPLICATION ID/PERMIT NO: 682086 / 43041339.000

DATE ISSUED: December 26, 2013



David Kramer, P.E.

Issuing Authority

**THIS NOTICE SHOULD BE CONSPICUOUSLY
DISPLAYED AT THE SITE OF THE WORK**

Notice of Rights

ADMINISTRATIVE HEARING

1. You or any person whose substantial interests are or may be affected by the District's intended or proposed action may request an administrative hearing on that action by filing a written petition in accordance with Sections 120.569 and 120.57, Florida Statutes (F.S.), Uniform Rules of Procedure Chapter 28-106, Florida Administrative Code (F.A.C.) and District Rule 40D-1.1010, F.A.C. Unless otherwise provided by law, a petition for administrative hearing must be filed with (received by) the District within 21 days of receipt of written notice of agency action. "Written notice" means either actual written notice, or newspaper publication of notice, that the District has taken or intends to take agency action. "Receipt of written notice" is deemed to be the fifth day after the date on which actual notice is deposited in the United States mail, if notice is mailed to you, or the date that actual notice is issued, if sent to you by electronic mail or delivered to you, or the date that notice is published in a newspaper, for those persons to whom the District does not provide actual notice.
2. Pursuant to Subsection 373.427(2)(c), F.S., for notices of intended or proposed agency action on a consolidated application for an environmental resource permit and use of state-owned submerged lands concurrently reviewed by the District, a petition for administrative hearing must be filed with (received by) the District within 14 days of receipt of written notice.
3. Pursuant to Rule 62-532.430, F.A.C., for notices of intent to deny a well construction permit, a petition for administrative hearing must be filed with (received by) the District within 30 days of receipt of written notice of intent to deny.
4. Any person who receives written notice of an agency decision and who fails to file a written request for a hearing within 21 days of receipt or other period as required by law waives the right to request a hearing on such matters.
5. Mediation pursuant to Section 120.573, F.S., to settle an administrative dispute regarding District intended or proposed action is not available prior to the filing of a petition for hearing.
6. A request or petition for administrative hearing must comply with the requirements set forth in Chapter 28-106, F.A.C. A request or petition for a hearing must: (1) explain how the substantial interests of each person requesting the hearing will be affected by the District's intended action or proposed action, (2) state all material facts disputed by the person requesting the hearing or state that there are no material facts in dispute, and (3) otherwise comply with Rules 28-106.201 and 28-106.301, F.A.C. Chapter 28-106, F.A.C. can be viewed at www.flrules.org or at the District's website at www.WaterMatters.org/permits/rules.
7. A petition for administrative hearing is deemed filed upon receipt of the complete petition by the District Agency Clerk at the District's Tampa Service Office during normal business hours, which are 8:00 a.m. to 5:00 p.m., Monday through Friday, excluding District holidays. Filings with the District Agency Clerk may be made by mail, hand-delivery or facsimile transfer (fax). The District does not accept petitions for administrative hearing by electronic mail. Mailed filings must be addressed to, and hand-delivered filings must be delivered to, the Agency Clerk, Southwest Florida Water Management District, 7601 Highway 301 North, Tampa, FL 33637-6759. Faxed filings must be transmitted to the District Agency Clerk at (813) 987-6746. Any petition not received during normal business hours shall be filed as of 8:00 a.m. on the next business day. The District's acceptance of faxed petitions for filing is subject to certain conditions set forth in the District's Statement of Agency Organization and Operation, available for viewing at www.WaterMatters.org/about.

JUDICIAL REVIEW

1. Pursuant to Sections 120.60(3) and 120.68, F.S., a party who is adversely affected by District action may seek judicial review of the District's action. Judicial review shall be sought in the Fifth District Court of Appeal or in the appellate district where a party resides or as otherwise provided by law.
2. All proceedings shall be instituted by filing an original notice of appeal with the District Agency Clerk within 30 days after the rendition of the order being appealed, and a copy of the notice of appeal, accompanied by any filing fees prescribed by law, with the clerk of the court, in accordance with Rules 9.110 and 9.190 of the Florida Rules of Appellate Procedure (Fla. R. App. P.). Pursuant to Fla. R. App. P. 9.020(h), an order is rendered when a signed written order is filed with the clerk of the lower tribunal.



DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT CORPS OF ENGINEERS
1520 ROYAL PALM SQUARE BLVD, SUITE 310
FORT MYERS, FLORIDA 33919

March 6, 2014

REPLY TO
ATTENTION OF

Regulatory Division
South Permits Branch
Ft. Myers Permits Section
SAJ-2013-01910(NW-MJD)

Ms. JoAnn Vernon
c/o Charlotte County BOCC
18500 Murdock Circle
Port Charlotte, Florida 33948

Dear Ms. Vernon:

The U.S. Army Corps of Engineers (Corps) assigned your application for a Department of the Army permit, which the Corps received on December 31, 2013, the file number SAJ-2013-01910. A review of the information and drawings provided indicates that the proposed work would result in temporary impacts to 0.24 acres of the tidally influenced Butterford Waterway sideslope. The project is located at the intersection of CR 771 and the Butterford Waterway, in Sections 8 and 17, Township 41 South, Range 21 East, Port Charlotte, Charlotte County, Florida.

Your project, as depicted on the enclosed drawings, is authorized by Nationwide Permit (NWP) Number 12 & 14. In addition, project specific conditions have been enclosed. This verification is valid until **March 18, 2017**. Furthermore, if you commence or are under contract to commence this activity before the date that the relevant nationwide permit is modified or revoked, you will have 12 months from the date of the modification or revocation of the NWP to complete the activity under the present terms and conditions of this nationwide permit. Please access the U.S. Army Corps of Engineers' (Corps) Jacksonville District's Regulatory Internet page to access Internet links to view the Final Nationwide Permits, Federal Register Vol. 77, dated February 21, 2012, specifically pages 10270 – 10290, the Corrections to the Final Nationwide Permits, Federal Register 77, March 19, 2012, and the List of Regional Conditions. The Internet page address is:

<http://www.saj.usace.army.mil/Missions/Regulatory.aspx>

Please be aware this Internet address is case sensitive and should be entered as it appears above. Once there you will need to click on "Source Book"; and, then click on "Nationwide Permits." These files contain the description of the Nationwide Permit authorization, the Nationwide Permit general conditions, and the regional conditions, which apply specifically to this verification for NWP 12 & 14. Enclosed is a list of the six General Conditions, which apply to all Department of the Army authorizations. You must comply with all of the special and general conditions and any project specific condition of this authorization or you may be subject to

enforcement action. In the event you have not completed construction of your project within the specified time limit, a separate application or re-verification may be required.

The following special conditions are included with this verification:

1. Within 60 days of completion of the work authorized, the attached *Self-Certification Statement of Compliance* must be completed and submitted to the U.S. Army Corps of Engineers. Mail the completed form to the Regulatory Division, Special Projects and Enforcement Branch, 1520 Royal Palm Square Blvd., Suite 310, Ft. Myers, Florida 33919.
2. The Permittee understands and agrees that, if future operations by the United States require the removal, relocation, or other alteration, of the structures or work herein authorized, or if, in the opinion of the Secretary of the Army or his authorized representative, said structure or work shall cause unreasonable obstruction to the free navigation of the navigable waters, the Permittee will be required, upon due notice from the U.S. Army Corps of Engineers, to remove, relocate, or alter the structural work or obstructions caused thereby, without expense to the United States. No claim shall be made against the United States on account of any such removal or alteration.
3. Cultural Resources/Historic Properties:
 - a. No structure or work shall adversely affect impact or disturb properties listed in the *National Register of Historic Places* (NRHP) or those eligible for inclusion in the NRHP.
 - b. If during the ground disturbing activities and construction work within the permit area, there are archaeological/cultural materials encountered which were not the subject of a previous cultural resources assessment survey (and which shall include, but not be limited to: pottery, modified shell, flora, fauna, human remains, ceramics, stone tools or metal implements, dugout canoes, evidence of structures or any other physical remains that could be associated with Native American cultures or early colonial or American settlement), the Permittee shall immediately stop all work and ground-disturbing activities within a 100-meter diameter of the discovery and notify the Corps within the same business day (8 hours). The Corps shall then notify the Florida State Historic Preservation Officer (SHPO) and the appropriate Tribal Historic Preservation Officer(s) (THPO(s)) to assess the significance of the discovery and devise appropriate actions.
 - c. Additional cultural resources assessments may be required of the permit area in the case of unanticipated discoveries as referenced in accordance with the above Special Condition ; and if deemed necessary by the SHPO, THPO(s), or Corps, in accordance with 36 CFR 800 or 33 CFR 325, Appendix C (5). Based, on the circumstances of the discovery, equity to all parties, and considerations of the public interest, the Corps may modify, suspend or revoke the permit in accordance with 33 CFR Part 325.7. Such activity shall not resume on non-federal lands without written authorization from the SHPO for finds under his or her jurisdiction, and from the Corps.

d. In the unlikely event that unmarked human remains are identified on non-federal lands, they will be treated in accordance with Section 872.05 Florida Statutes. All work and ground disturbing activities within a 100-meter diameter of the unmarked human remains shall immediately cease and the Permittee shall immediately notify the medical examiner, Corps, and State Archeologist within the same business day (8-hours). The Corps shall then notify the appropriate SHPO and THPO(s). Based, on the circumstances of the discovery, equity to all parties, and considerations of the public interest, the Corps may modify, suspend or revoke the permit in accordance with 33 CFR Part 325.7. Such activity shall not resume without written authorization from the State Archeologist and from the Corps.

4. **Manatee Conditions:** The Permittee shall comply with the 2011 “Standard Manatee Conditions for In-Water Work” provided in Attachment 3 of this permit.

5. **Sea Turtle and Smalltooth Sawfish Conditions:** The Permittee shall comply with National Marine Fisheries Service's “Sea Turtle and Smalltooth Sawfish Construction Conditions” dated March 23, 2006 and provided in Attachment 4 of this permit.

6. **Turbidity Barriers:** Prior to the initiation of any of the work authorized by this permit the Permittee shall install floating turbidity barriers with weighted skirts that extend to within one foot of the bottom around all work areas that are in, or adjacent to, surface waters. The turbidity barriers shall remain in place and be maintained until the authorized work has been completed and all erodible materials have been stabilized.

7. **Eastern Indigo Snake Protection Measures:** The Permittee shall comply with U.S. Fish and Wildlife Service's “Standard Protection Measures for the Eastern Indigo Snake” dated August 12, 2013 and provided in Attachment 5 of this permit."

8. **Fill Material:** The Permittee shall use only clean fill material for this project. The fill material shall be free from items such as trash, debris, automotive parts, asphalt, construction materials, concrete block with exposed reinforcement bars, and soils contaminated with any toxic substance, in toxic amounts in accordance with Section 307 of the Clean Water Act.

This letter of authorization does not give absolute Federal authority to perform the work as specified on your application. The proposed work may be subject to local building restrictions mandated by the National Flood Insurance Program. You should contact your local office that issues building permits to determine if your site is located in a flood-prone area, and if you must comply with the local building requirements mandated by the National Flood Insurance Program.

If you are unable to access the internet or require a hardcopy of any of the conditions, limitations, or expiration date for the above referenced NWP, please contact me by telephone at 239-334-1975 extension 29.

Thank you for your cooperation with our permit program. The Corps Jacksonville District Regulatory Division is committed to improving service to our customers. We strive to perform our duty in a friendly and timely manner while working to preserve our environment. We invite you to complete our automated Customer Service Survey at http://corpsmapu.usace.army.mil/cm_apex/f?p=regulatory_survey. Please be aware this Internet address is case sensitive; and, you will need to enter it exactly as it appears above. Your input is appreciated – favorable or otherwise.

Sincerely,

Monika J. Dey
Project Manager

Enclosures

Copy/ies Furnished:

Jason D. Perryman
Principal Ecologist
Ian Vincent and Associates
4050 Rock Creek Drive
Port Charlotte, FL 33948

GENERAL CONDITIONS

33 CFR PART 320-330

PUBLISHED FEDERAL REGISTER DATED 13 NOVEMBER 1986

1. The time limit for completing the work authorized ends on **March 18, 2017**. If you find that you need more time to complete the authorized activity, submit your request for a time extension to this office for consideration at least one month before the above date is reached.
2. You must maintain the activity authorized by this permit in good condition and in conformance with the terms and conditions of this permit. You are not relieved of this requirement if you abandon the permitted activity, although you may make a good faith transfer to a third party in compliance with General Condition 4 below. Should you wish to cease to maintain the authorized activity or should you desire to abandon it without a good faith transfer, you must obtain a modification of this permit from this office, which may require restoration of the area.
3. If you discover any previously unknown historic or archeological remains while accomplishing the activity authorized by this permit, you must immediately notify this office of what you have found. We will initiate the Federal and state coordination required to determine if the remains warrant a recovery effort of if the site is eligible for listing in the National Register of Historic Places.
4. If you sell the property associated with this permit you must obtain the signature of the new owner in the space provided and forward a copy of the permit to this office to validate the transfer of this authorization.
5. If a conditioned water quality certification has been issued for your project, you must comply with the conditions specified in the certification as special conditions to this permit. For your convenience, a copy of the certification is attached if it contains such conditions (Attachment 2).
6. You must allow a representative from this office to inspect the authorized activity at any time deemed necessary to ensure that it is being or has been accomplished in accordance with the terms and conditions of your permit.

DEPARTMENT OF THE ARMY PERMIT TRANSFER REQUEST

PERMIT NUMBER: SAJ-2013-01910(NW-MJD)

When the structures or work authorized by this permit are still in existence at the time the property is transferred, the terms and conditions of this permit will continue to be binding on the new owner(s) of the property. Although the construction period for works authorized by Department of the Army permits is finite, the permit itself, with its limitations, does not expire.

To validate the transfer of this permit and the associated responsibilities associated with compliance with its terms and conditions, have the transferee sign and date below and mail to the U.S. Army Corps of Engineers, Enforcement Section, 1520 Royal Palm Square Blvd. Suite 310, Ft. Myers, FL 33919.

(TRANSFEREE-SIGNATURE)

(SUBDIVISION)

(DATE)

(LOT)

(BLOCK)

(NAME-PRINTED)

(STREET ADDRESS)

(MAILING ADDRESS)

(CITY, STATE, ZIP CODE)

SELF-CERTIFICATION STATEMENT OF COMPLIANCE

Permit Number: SAJ-2013-01910

Permittee's Name & Address (please print or type): _____

Telephone Number: _____

Location of the Work: _____

Date Work Started: _____ Date Work Completed: _____

PROPERTY IS INACCESSIBLE WITHOUT PRIOR NOTIFICATION: YES _____
NO _____

TO SCHEDULE AN INSPECTION PLEASE CONTACT _____
AT _____

Description of the Work (e.g. bank stabilization, residential or commercial filling, docks,
dredging,
etc.): _____

Acreage or Square Feet of Impacts to Waters of the United States: _____

Describe Mitigation completed (if applicable): _____

Describe any Deviations from Permit (attach drawing(s) depicting the deviations):

I certify that all work, and mitigation (if applicable) was done in accordance with the limitations and conditions as described in the permit. Any deviations as described above are depicted on the attached drawing(s).

Signature of Permittee

Date

ATTACHMENT 1: Permit Drawings

Page 1 through 19 of 19

CHARLOTTE COUNTY COMMUNITY DEVELOPMENT CONTRACT PLANS

CHARLOTTE COUNTY
GASPARILLA ROAD WIDENING
COUNTY ROAD NO. 771

COMPONENTS OF CONTRACT PLANS SET

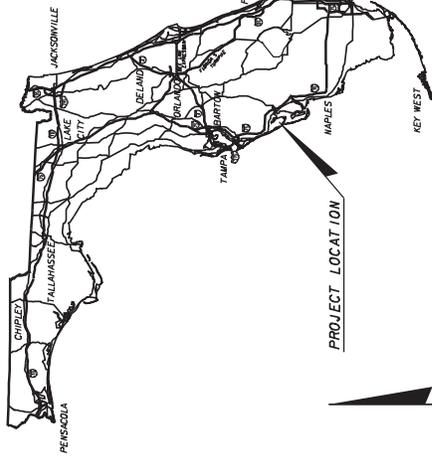
- ROADWAY PLANS
- SIGNING AND PAVEMENT MARKING PLANS
- LIGHTING PLANS
- STRUCTURES PLANS
- SIGNALIZATION PLANS

A DETAILED INDEX APPEARS ON THE KEY SHEET OF EACH COMPONENT

INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2 - 3	SUMMARY OF PAY ITEMS
4 - 9	DRAINAGE MAPS
10 - 13	TYPICAL SECTIONS
14	GENERAL NOTES
15 - 16	SUMMARY OF QUANTITIES
17 - 24	SUMMARY OF DRAINAGE STRUCTURES
25	OPTIONAL MATERIALS TABULATION
26 - 28	PROJECT LAYOUT
29	SPECIAL PROFILE GRADE LINE LAYOUT
30 - 55	ROADWAY PLAN AND PROFILES - CR 771
56 - 57	SR 776 (MCALL ROAD) ROADWAY PLAN
58	ROADWAY PLAN AND PROFILE - INGRAHAM DR.
59	ROADWAY PLAN AND PROFILE - SAN DOMINGO BLVD.
60	ROADWAY PLAN AND PROFILE - MARATHON BLVD.
61 - 62	SIDE STREET PROFILES
63 - 96	DRAINAGE STRUCTURES
97	DRAINAGE DETAIL
98	OUTFALL DETAIL
98A - 98B	CONTROL STRUCTURE DETAIL (CS-500A & CS-500B)
99 - 100	POND DETAILS - POND NO. 600
100A	CONTROL STRUCTURE DETAIL (CS-600)
101	ROADWAY SOILS SURVEY
102 - 144	CROSS SECTIONS - CR 771
145 - 147	CROSS SECTIONS - SR 776
148 - 149	STORMWATER POLLUTION PREVENTION PLAN
150 - 155	EROSION CONTROL
156 - 164	TRAFFIC PHASING PLANS
165 - 185	UTILITY ADJUSTMENTS
186 - 190	SUMMARY OF VERIFIED UTILITIES

GOVERNING STANDARDS AND SPECIFICATIONS:
FLORIDA DEPARTMENT OF TRANSPORTATION,
DESIGN STANDARDS DATED 2013,
AND STANDARD SPECIFICATIONS FOR ROAD AND
BRIDGE CONSTRUCTION DATED 2013,
AS AMENDED BY CONTRACT DOCUMENTS.



ROADWAY SHOP DRAWINGS
TO BE SUBMITTED TO:

PLANS PREPARED BY:

**JOHNSON
ENGINEERING**
1850 HURLOCK CIRCLE, SUITE 404
PORT CHARLOTTE, FL 33948
RYAN K. BELL, P.E. NO. 6000

NOTE: THE SCALE OF THESE PLANS MAY
HAVE CHANGED DUE TO REPRODUCTION.

SWFWM SUBMITTAL
OCTOBER 8, 2013



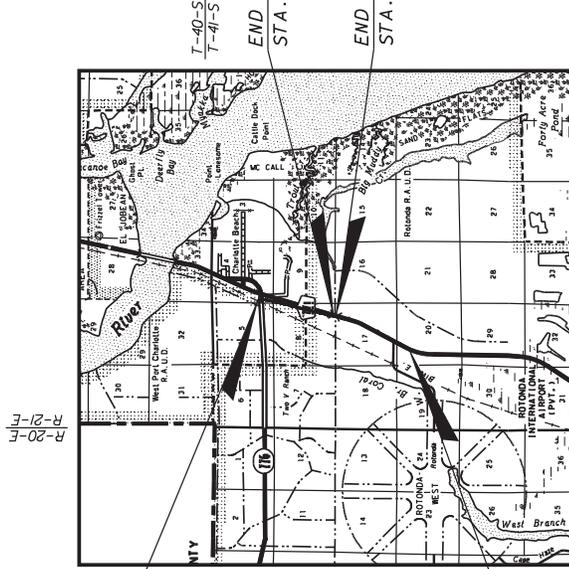
ROADWAY PLANS
ENGINEER OF RECORD: RYAN K. BELL, P.E.

P.E. NO. 6000

SHEET
FISCAL
YEAR

13

1



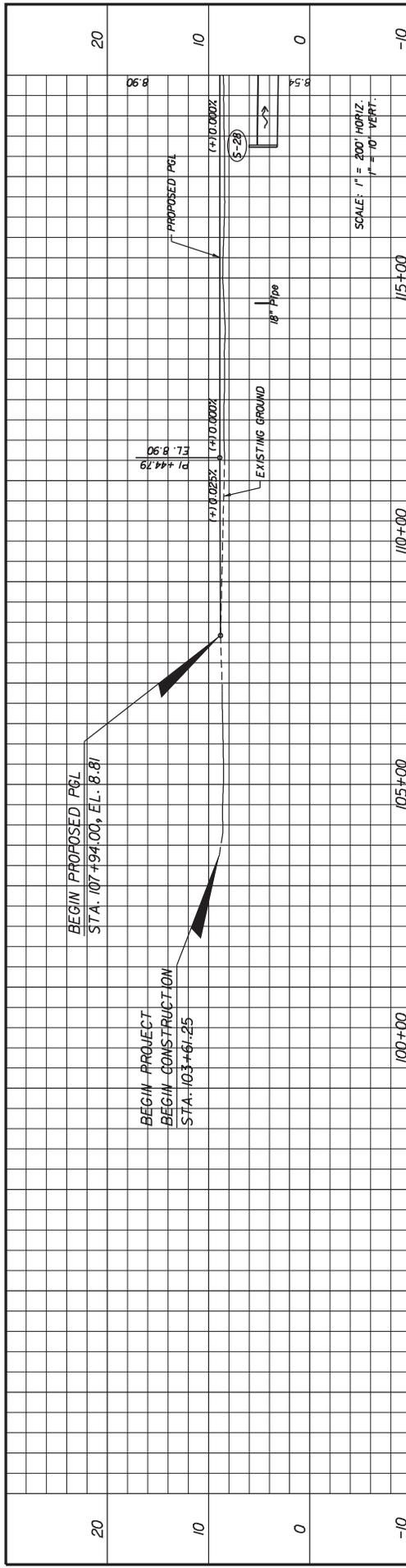
PROJECT LENGTH IS BASED ON E OF CONSTRUCTION

LENGTH OF PROJECT

	LINEAR FEET	MILES
ROADWAY	13,527.20	2.562
BRIDGES	145.00	0.027
NET LENGTH OF PROJECT	13,672.20	2.589
EXCEPTIONS	0.00	0.000
GROSS LENGTH OF PROJECT	13,672.20	2.589

COUNTY PROJECT MANAGER: JEFF KEYSER

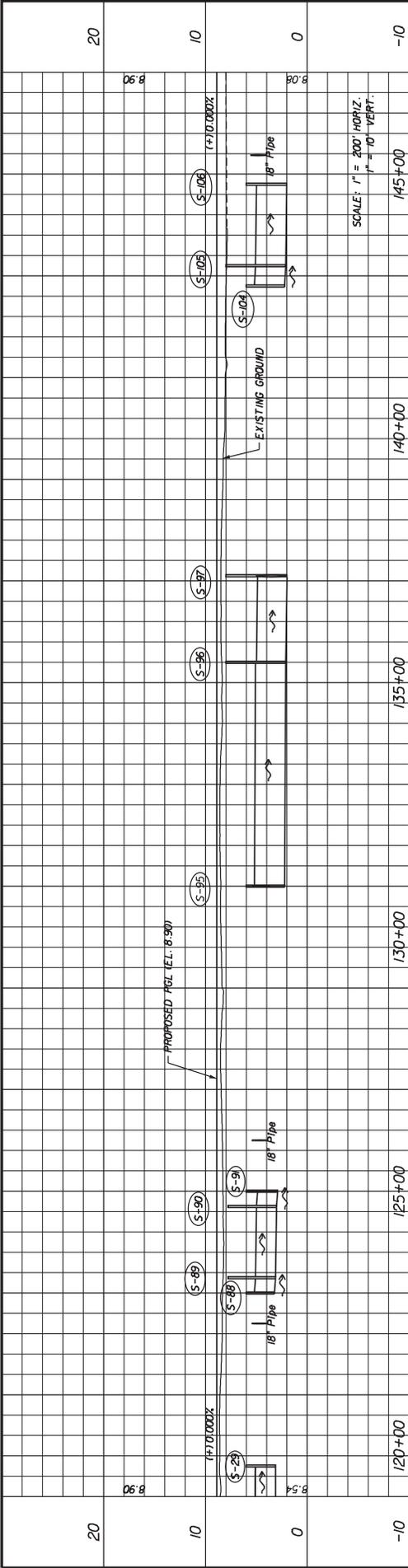
PERMITTED DRAWINGS SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT (SWFWM)
For Construction permits, the permittee shall notify, in writing, the
SWFWM Tampa Regulation Department when construction begins.



DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

JOHNSON ENGINEERING 1850 MURDOCK CIRCLE, SUITE 404 PORT CHARLOTTE, FL 33948 TEL 813.844.1111 FAX 813.844.6800		CHARLOTTE COUNTY COMMUNITY DEVELOPMENT
ROAD NO. 771	COUNTY CHARLOTTE	FINANCIAL PROJECT ID -

10/4/2013	9:28:05 AM	U:\Projects\2012\6601-000\Drawings\DRW\771.DWG
-----------	------------	--



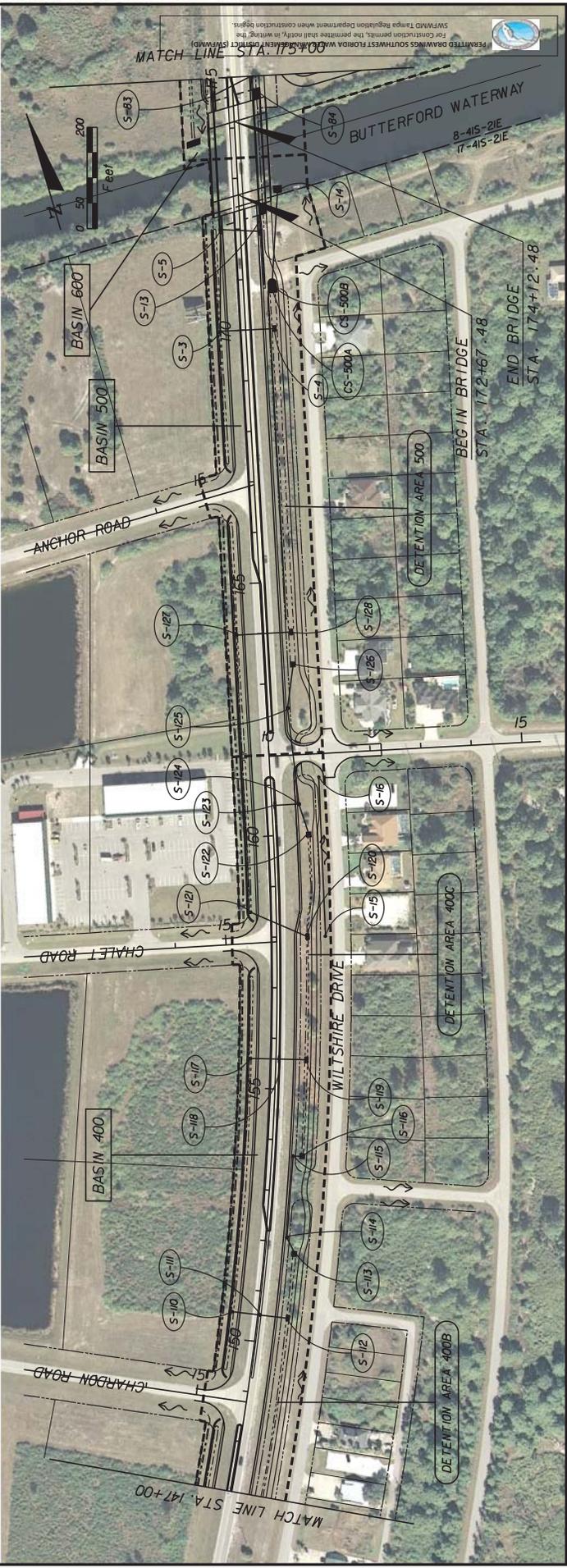
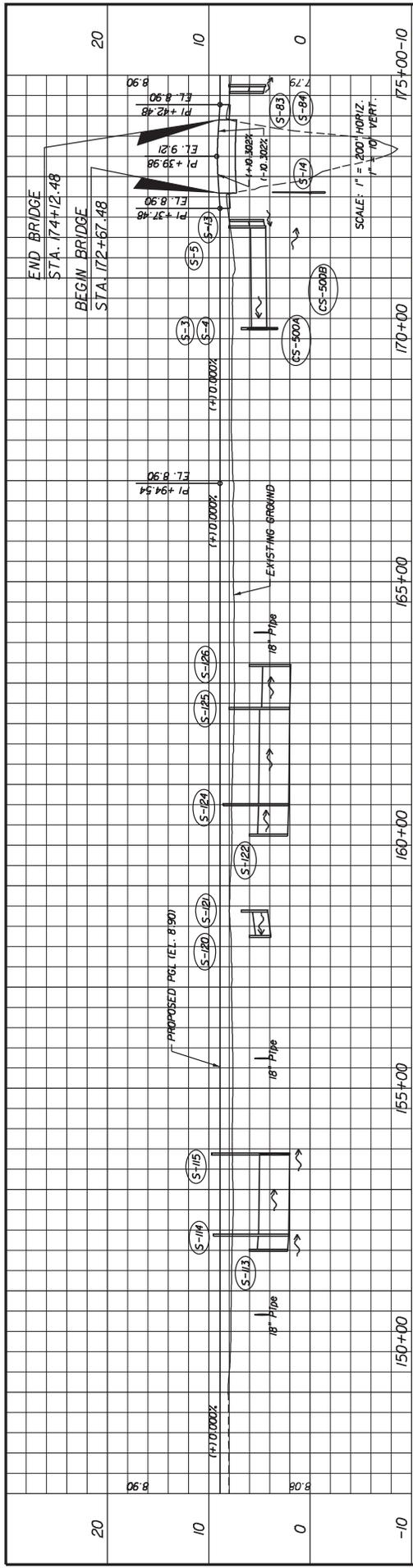
REPRODUCED DRAWINGS SOURCE: WEST FLORIDA WATER MANAGEMENT DISTRICT (WFWMD) FOR CONSTRUCTION PURPOSES. THE PERMITS SHALL NOT BE IN WRITING. THE WFWMD TAMPA REGULATION DEPARTMENT WHEN CONSTRUCTION BEGINS.



REVISIONS		DESCRIPTION	
DATE	DESCRIPTION	DATE	DESCRIPTION

CHARLOTTE COUNTY		COMMUNITY DEVELOPMENT	
ROAD NO.	771	COUNTY	CHARLOTTE
FINANCIAL PROJECT ID			

JOHNSON ENGINEERING	
18501 MURDOCK CIRCLE, SUITE 404	
PORT CHARLOTTE, FL 33948	
REG. NO. EB 842 & LB 646-6800	
P.L. BELLA, P.E. - 081-6800	



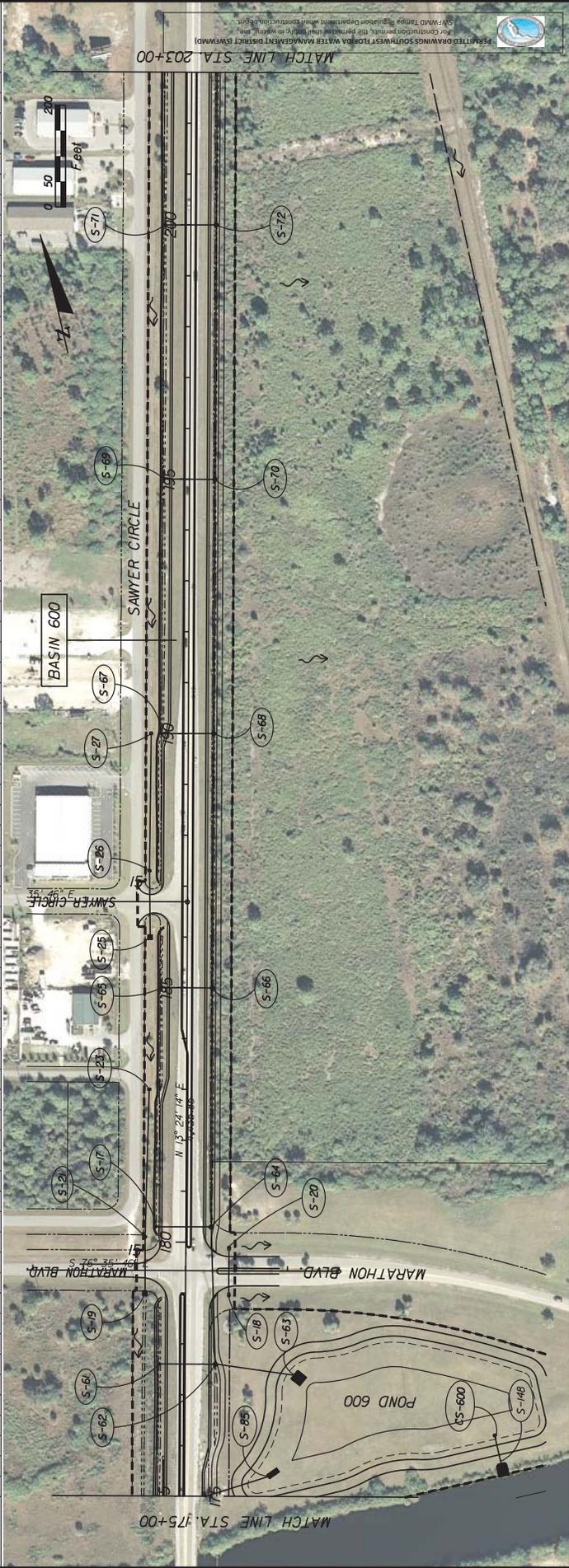
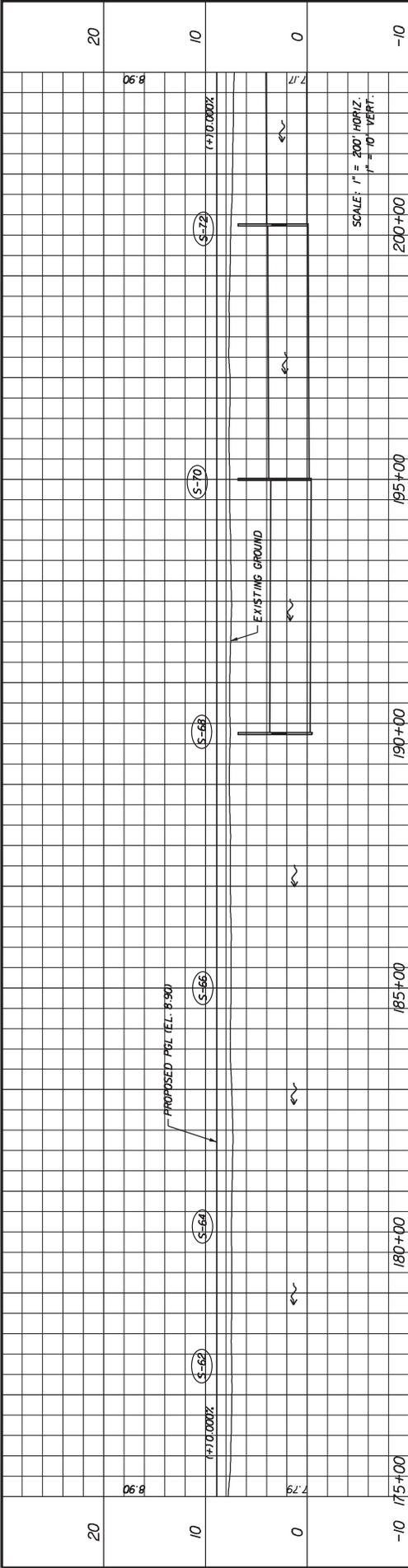
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON ENGINEERING 1850 MARQUA CIRCLE, SUITE 404 FORT CHARLOTTE, FL 33948 EB 842 & LB 646 6800 BULK 10, BELL, PE, 100, 6800		CHARLOTTE COUNTY COMMUNITY DEVELOPMENT	
ROAD NO.	771	FINANCIAL PROJECT ID	- - -
COUNTY	CHARLOTTE		

REVISIONS 10 20	0 10 20	150+00 155+00 160+00 165+00 170+00 175+00-10
-----------------------	---------------	---

SHEET NO. 6	DRAINAGE MAP
----------------	--------------

U:\Projects\2025\60-000\Drawings\DRM\DRM003.DWG
 03/29/25 AM
 03/29/25

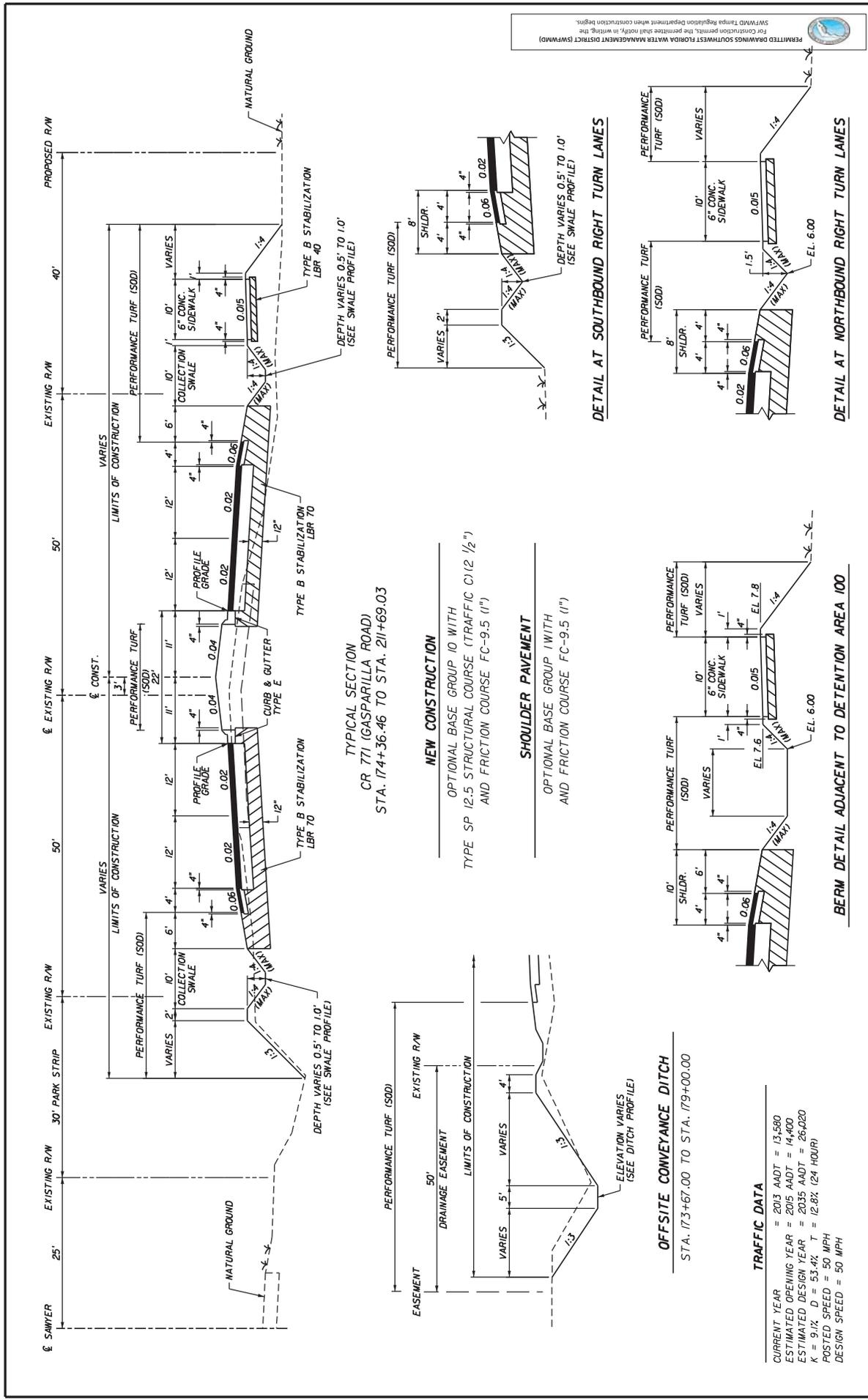


REVISIONS		SHEET NO.	
DATE	DESCRIPTION	NO.	7

JOHNSON ENGINEERING 1850 MARATHON CIRCLE, SUITE 404 PORT CHARLOTTE, FL 33948 REG. P.E. 646-6800 RYAN W. BELL, P.E. 061-6800		CHARLOTTE COUNTY COMMUNITY DEVELOPMENT	
ROAD NO.	771	COUNTY	CHARLOTTE
FINANCIAL PROJECT ID	- - -		

10/4/2013 11:25:25 AM U:\Projects\2012\600-000\Drawings\DRMP\DRMP007.DWG

PERMITTED DRAWINGS SOUTH WEST FLORIDA WATER MANAGEMENT DISTRICT (SWMWD)
 For Construction permits, the permittee shall notify the SWMWD
 SWMWD Training Supervisor Department when construction begins.



PERMITTED DRAWINGS SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT (SWFMD)
For Construction permits, the permittee shall notify, in writing, the
SWFMD Tampa Regulation Department when construction begins.

DATE	DESCRIPTION	REVISIONS

JOHNSON ENGINEERING 18501 MAROCCA CIRCLE, SUITE 404 PORT CHARLOTTE, FL 33948 REG. IN FLORIDA, P.E. 106,58800		CHARLOTTE COUNTY COMMUNITY DEVELOPMENT
ROAD NO. 771	COUNTY CHARLOTTE	FINANCIAL PROJECT ID -

SHEET NO. 11	
TYPICAL SECTIONS	

10/21/2013 6:23:47 PM U:\Projects\2012\8601-000\ roadway\17FS-500.dwg

GENERAL NOTES

1. BENCHMARK ELEVATIONS SHOWN ON THE PLANS ARE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
2. EXISTING DRAINAGE STRUCTURES WITHIN CONSTRUCTION LIMITS SHALL REMAIN UNLESS OTHERWISE NOTED.
3. THE LOCATIONS OF THE UTILITIES SHOWN IN THE PLANS ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY. CONTRACTOR SHALL VERIFY LOCATION OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION IN THAT AREA. CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE WITH UTILITY AGENCIES ON ALL NECESSARY RELOCATIONS.
4. EXISTING UTILITIES ARE TO REMAIN IN PLACE UNLESS OTHERWISE NOTED.
5. UTILITY AGENCY OWNERS: COMPANY CONTACT TELEPHONE NUMBERS

CHARLOTTE COUNTY UTILITIES	BRUCE BULLERT	(941) 764-4300
COMCAST CABLE	GONZALO ROJAS	(941) 380-2726
FLORIDA POWER AND LIGHT (TRANSMISSION)	JOHN GLOCKENGESER	(850) 391-3526
FLORIDA POWER AND LIGHT (DISTRIBUTION)	DAN SOMMERBERG	(239) 332-9129
FPL FIBERNET, LLC	DANNY HASKETT	(786) 246-7827
TECO PEOPLES GAS	BROCK DAWIELS	(239) 690-5513
6. ANY PUBLIC LAND CORNER WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED. IF A CORNER MONUMENT IS IN DANGER OF BEING DESTROYED AND HAS NOT BEEN PROPERLY REFERENCED, THE ENGINEER SHOULD NOTIFY THE DISTRICT LOCATION SURVEYOR, WITHOUT DELAY, BY TELEPHONE.
7. EXISTING DRIVEWAYS WITHIN THE LIMITS OF THIS PROJECT ARE TO BE REPLACED AT THE SAME LOCATION AND WIDTH, UNLESS OTHERWISE SHOWN IN THE PLANS.
8. DEWATERING IS NOT PERMITTED ON THIS PROJECT. IF DEWATERING IS DEEMED NECESSARY THE CONTRACTOR MUST OBTAIN DEWATERING PERMIT FROM SWFWMD PRIOR TO ANY SUCH ACTIVITIES.
9. FOR CURB INLETS WITHIN OR ADJACENT TO PROPOSED SIDEWALK TOPS SHALL BE SET/ADJUSTED SUCH THAT TOP OF INLET IS FLUSH WITH SURROUNDING SIDEWALK. EDGES ADJACENT TO CONCRETE SIDEWALK SHALL HAVE 1/2" EXPANSION JOINT MATERIAL. COST IS CONSIDERED INHERENT TO THE DRAINAGE STRUCTURE.
10. PAVEMENT DESIGN FOR ALL SIDE STREETS SHALL MATCH C.R. 771 MAINLINE UNLESS OTHERWISE NOTED IN THE PLANS.
11. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND ALL CONSTRUCTION RELATED PERMITTING. PAYMENT FOR ACQUISITION OF CONSTRUCTION RELATED PERMITS SHALL BE INCIDENTAL TO THE COST OF CONSTRUCTION RELATED ACTIVITIES. NO ADDITIONAL PAYMENT SHALL BE MADE.
12. THE CONTRACTOR SHALL NOT BRING ANY HAZARDOUS MATERIALS ONTO THE PROJECT. SHOULD THE CONTRACTOR REQUIRE SUCH FOR PERFORMING THE CONTRACTED WORK, THE CONTRACTOR SHALL REQUEST, IN WRITING, WRITTEN PERMISSION FROM THE COUNTY PROJECT MANAGER. THE CONTRACTOR SHALL NOTIFY THE CHARLOTTE COUNTY PROJECT MANAGER OF ANY SUCH MATERIALS. SUCH MATERIALS SHALL BE STORED IN A SECURE LOCATION FOR EACH HAZARDOUS MATERIAL PROPOSED FOR USE. BECAUSE STATE LAW DOES NOT TREAT PETROLEUM PRODUCTS THAT ARE PROPERLY CONTAINERIZED AND INTENDED FOR EQUIPMENT USE AS A HAZARDOUS MATERIAL, SUCH PRODUCTS DO NOT NEED AN MSDS SUBMITTAL.
13. ANY KNOWN OR SUSPECTED HAZARDOUS MATERIAL FOUND ON THE PROJECT BY THE CONTRACTOR SHALL BE IMMEDIATELY REPORTED TO THE COUNTY PROJECT MANAGER, WHO SHALL DIRECT THE CONTRACTOR TO PROTECT THE AREA OF KNOWN OR SUSPECTED CONTAMINATION FROM FURTHER ACCESS. THE CHARLOTTE COUNTY PROJECT MANAGER WILL ARRANGE FOR INVESTIGATION, IDENTIFICATION, AND REMEDIATION OF THE HAZARDOUS MATERIAL. THE CONTRACTOR SHALL NOT RETURN TO THE AREA OF CONTAMINATION UNTIL APPROVAL IS PROVIDED BY THE COUNTY PROJECT MANAGER.
14. THE CONTRACTOR IS TO MAINTAIN AND KEEP STREET NAME AND HOUSE NUMBER IDENTIFICATION VISIBLE DURING CONSTRUCTION OPERATIONS. IN ORDER TO FACILITATE EMERGENCY VEHICLE TRAFFIC AS PART OF MAINTENANCE OF TRAFFIC OPERATIONS DURING CONSTRUCTION.
15. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL EXISTING DRAINAGE CONNECTIONS FROM ADJACENT PARCELS.
16. AT THE COMPLETION OF THIS PROJECT ALL DISTURBED SURFACES SHALL BE COVERED BY SOD.
17. EXISTING DRIVEWAYS WITHIN THE LIMITS OF THIS PROJECT ARE TO BE REPLACED AT THE SAME LOCATION AND WIDTH, UNLESS OTHERWISE SHOWN IN THE PLANS.
18. PRIOR TO INCORPORATION INTO THE PROJECT, A CERTIFICATION FROM THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES DIVISION OF PLANT INDUSTRY, STATING THAT THE SOD, HAY, STRAW AND MULCH MATERIALS ARE FREE OF NOXIOUS WEEDS, INCLUDING TROPICAL SODA APPLE, SHALL BE FURNISHED TO THE COUNTY PROJECT MANAGER BY THE CONTRACTOR. ALL SOD MATERIALS SHALL BE SUBJECT TO INSPECTION BY THE COUNTY OR APPOINTED REPRESENTATIVE PRIOR TO PLACEMENT. ANY SOD WITH NOXIOUS WEEDS AND GRASSES, INCLUDING TROPICAL SODA APPLE, SHALL BE REJECTED FOR USE ON THE PROJECT.

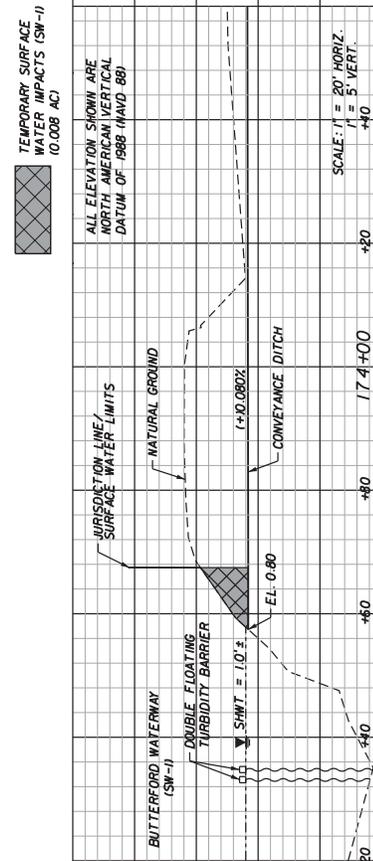
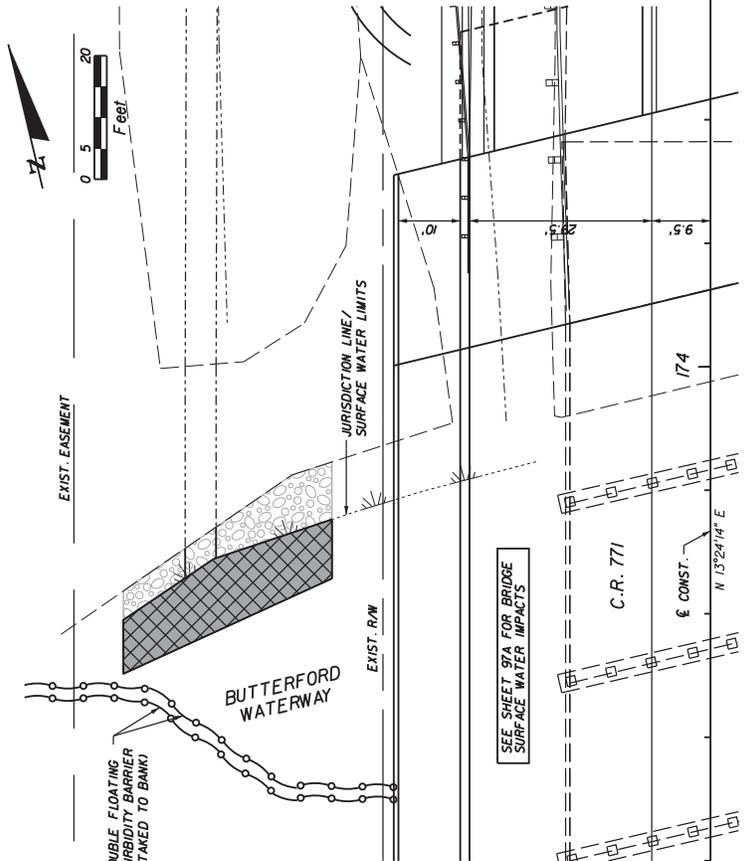
REVISIONS	
DATE	DESCRIPTION

JOHNSON
ENGINEERING
1850 MARCOA CIRCLE, SUITE 404
PORT CHARLOTTE, FL 33948
TEL: 813-961-1111
FAX: 813-961-1111

CHARLOTTE COUNTY	
COMMUNITY DEVELOPMENT	FINANCIAL PROJECT ID
ROAD NO. 771	CHARLOTTE



PERMITTED DRAWINGS SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT (SWFWMD)
For Construction permits, the permittee shall notify, in writing, the SWFWMD Tampa Regulation Department when construction begins.



DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

JOHNSON
 ENGINEERING
 1850 MADISON CIRCLE, SUITE 404
 FORT CHARLOTTE, FL 33948
 EB 642 & LB 646
 FAYAT, KILPATRICK, HILL & ASSOCIATES, INC.

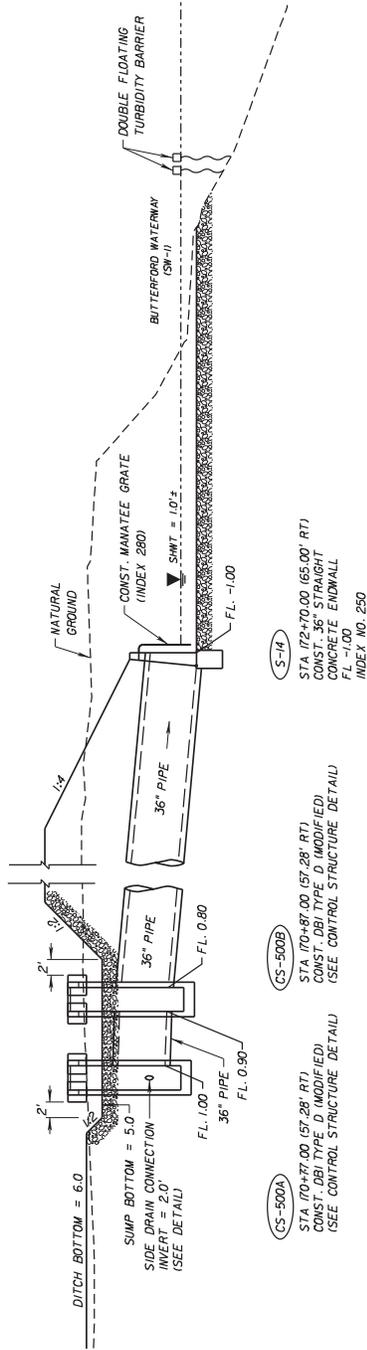
CHARLOTTE COUNTY
 COMMUNITY DEVELOPMENT
 ROAD NO. 771
 COUNTY CHARLOTTE
 FINANCIAL PROJECT ID. - - -

SHEET NO. 97C

SURFACE WATER IMPACTS

11/22/2013 2:54:45 PM U:\Projects\2012\360-000\ roadway\97C.dwg

PERMITTED DRAWING SOURCE: STATE OF FLORIDA WATER MANAGEMENT DISTRICT (SFWMD)
 For Construction permits, the permittee shall notify, in writing, the SFWMD Tampa Region Department when construction begins.



OUTFALL DETAIL
NTS

PERMITTED DRAWINGS SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT (SWFMD)
SWFMD Tampa Regulation Department when construction begins.
For Construction permits, the permittee shall notify, in writing, the



REVISIONS		DESCRIPTION	
DATE	DESCRIPTION	DATE	DESCRIPTION

CHARLOTTE COUNTY COMMUNITY DEVELOPMENT	
ROAD NO. 771	FINANCIAL PROJECT ID -
COUNTY CHARLOTTE	

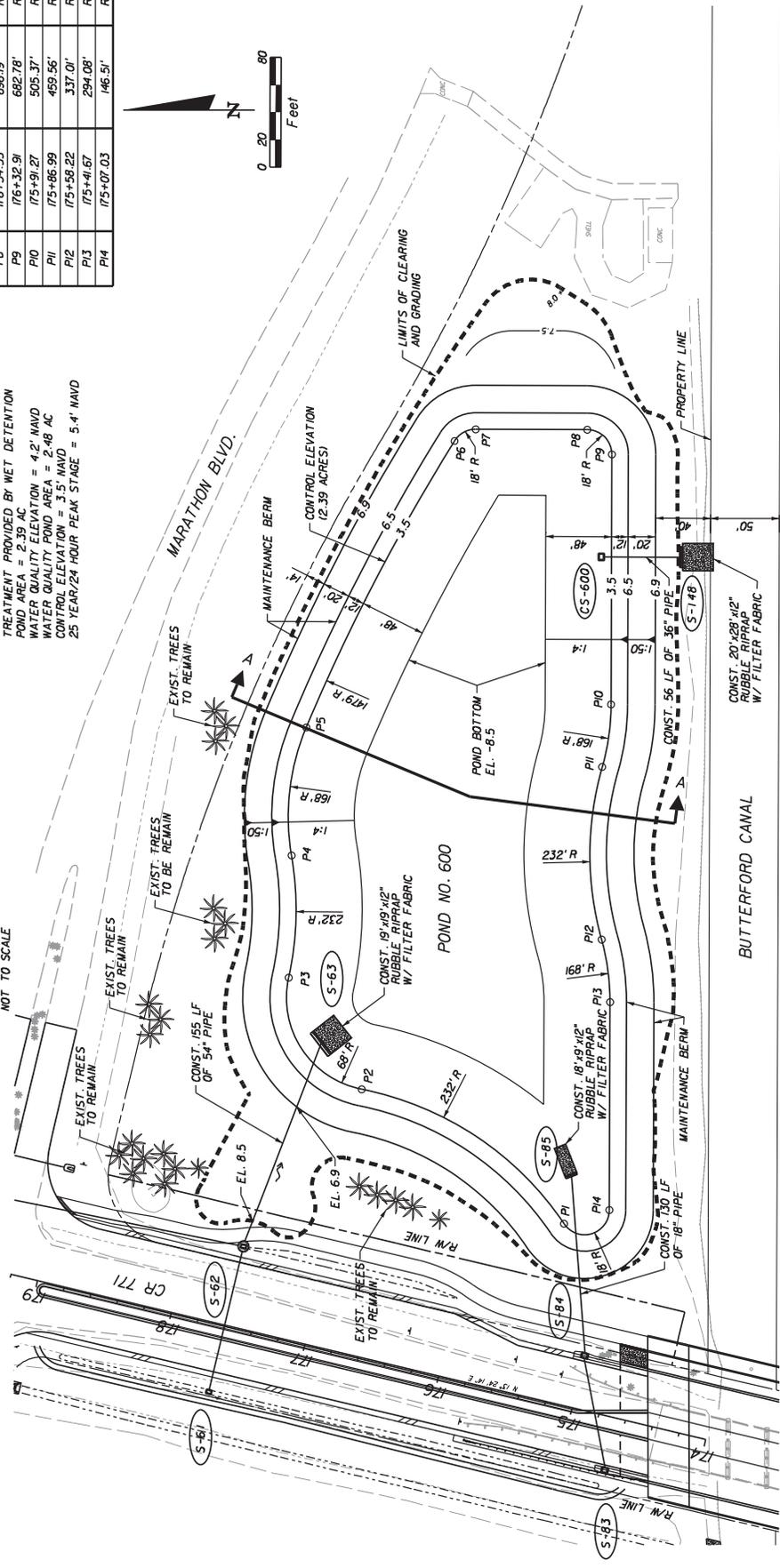
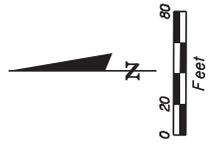
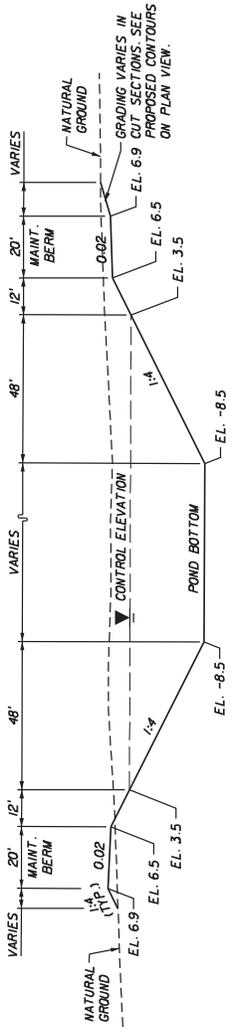
JOHNSON
ENGINEERING
1803 MAROCCA CIRCLE, SUITE 404
PORT CHARLOTTE, FL 33948
EB 842 & LB 646 6800
P/AL, IL, BE, LL, PE, SE, CE, 6800

OUTFALL DETAIL
CS-500A & CS-500B

SHEET NO. 98

SUMMARY OF POINTS AT CONTROL ELEVATION			
POINT	STATION	OFFSET	SIDE
P1	175+36.75	129.16'	RT
P2	177+02.80	190.35'	RT
P3	177+73.39	257.16'	RT
P4	177+91.97	344.33'	RT
P5	178+03.21	437.59'	RT
P6	177+46.65	665.80'	RT
P7	177+33.69	677.62'	RT
P8	176+54.55	686.19'	RT
P9	176+32.91	682.78'	RT
P10	175+91.27	505.37'	RT
P11	175+86.99	459.56'	RT
P12	175+58.22	337.01'	RT
P13	175+41.67	294.08'	RT
P14	175+07.03	146.51'	RT

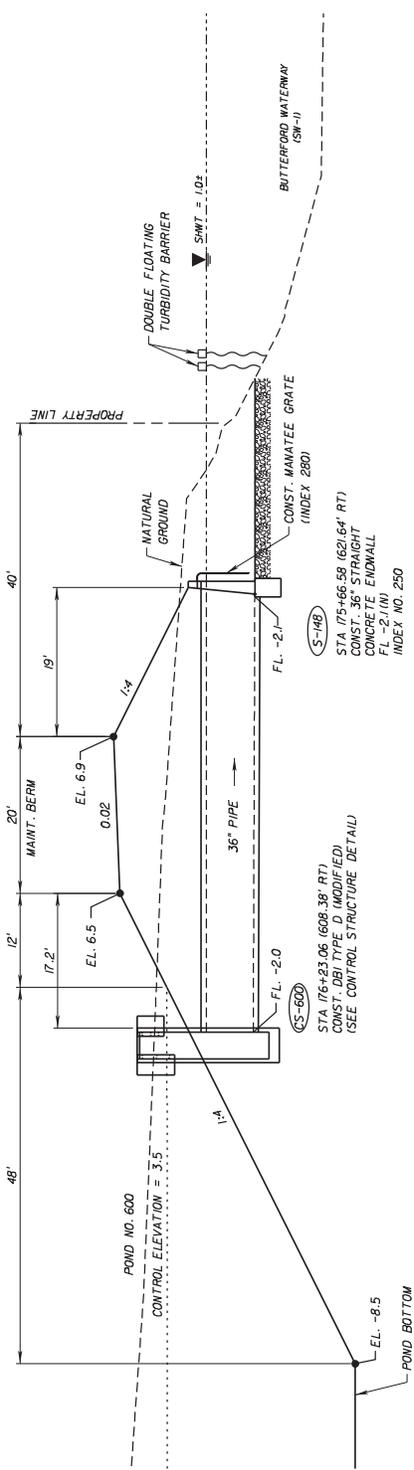
POND 1
 TREATMENT PROVIDED BY WET DETENTION
 POND AREA = 2.39 AC
 WATER QUALITY ELEVATION = 4.2' NAVD
 WATER QUALITY POND AREA = 2.48 AC
 CONTROL ELEVATION = 3.5' NAVD
 25 YEAR/24 HOUR PEAK STAGE = 5.4' NAVD



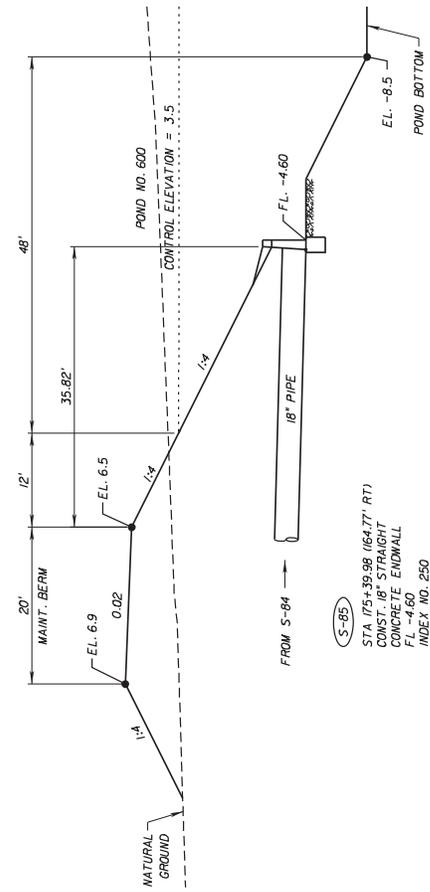
PERMITTED DRAWINGS SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT (SFWMD)
 SFWMD Tampa Regulation Department when construction begins.
 For Construction permits, the permittee shall notify, in writing, the
 SFWMD

REVISIONS		DESCRIPTION	
DATE	DESCRIPTION	DATE	DESCRIPTION

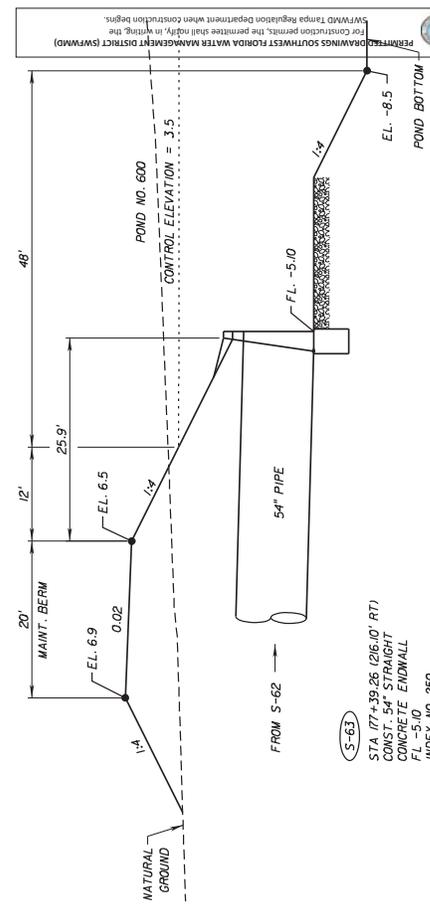
JOHNSON ENGINEERING 1055 MARPOCA CIRCLE, SUITE 404 FORT CHARLOTTE, FL 33948 RYAN G. BEBEL, P.E. NO. 6800		CHARLOTTE COUNTY COMMUNITY DEVELOPMENT ROAD NO. 771 COUNTY FINANCIAL PROJECT ID	
POND DETAIL POND NO. 600		CHARLOTTE	



OUTFALL DETAIL
NTS



S-85 DETAIL
NTS



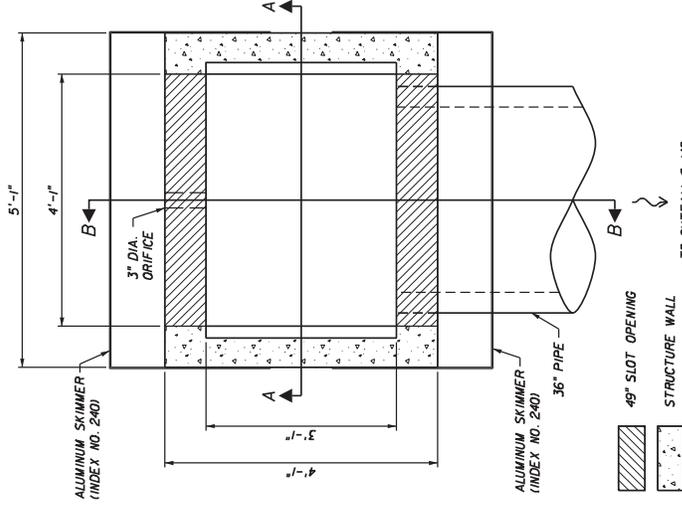
S-63 DETAIL
NTS

PERMITTED DRAWINGS SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT (SFWMD)
 For Construction permits, the permittee shall notify, in writing, the SFWMD Tampa Regulation Department when construction begins.

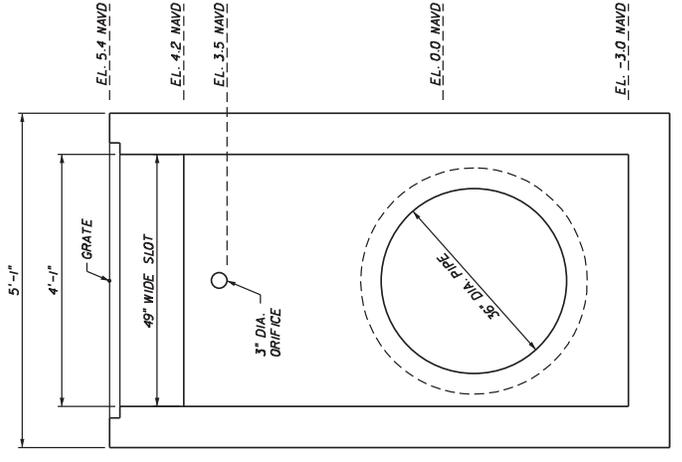
DATE	DESCRIPTION	REVISIONS

JOHNSON ENGINEERING
 1800 MARQUA CIRCLE, SUITE 404
 FORT CHARLOTTE, FL 33948
 EB 842 & LB 646-6800
 RTAK, LL, BELLA, PE, 186-6800

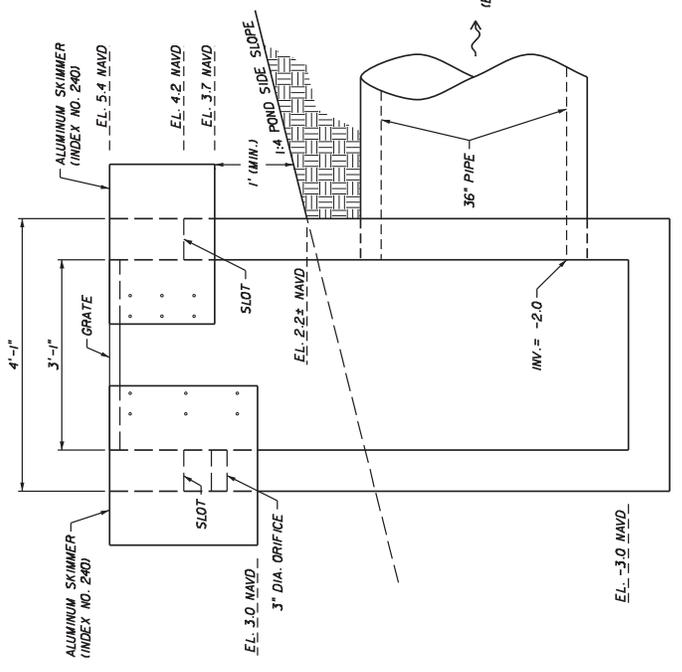
CHARLOTTE COUNTY
 COMMUNITY DEVELOPMENT
 ROAD NO. 771
 COUNTY FINANCIAL PROJECT ID
 CHARLOTTE



CS-600 PLAN VIEW
DBI TYPE "D" MODIFIED



SECTION "AA"
NTS



SECTION "BB"
NTS

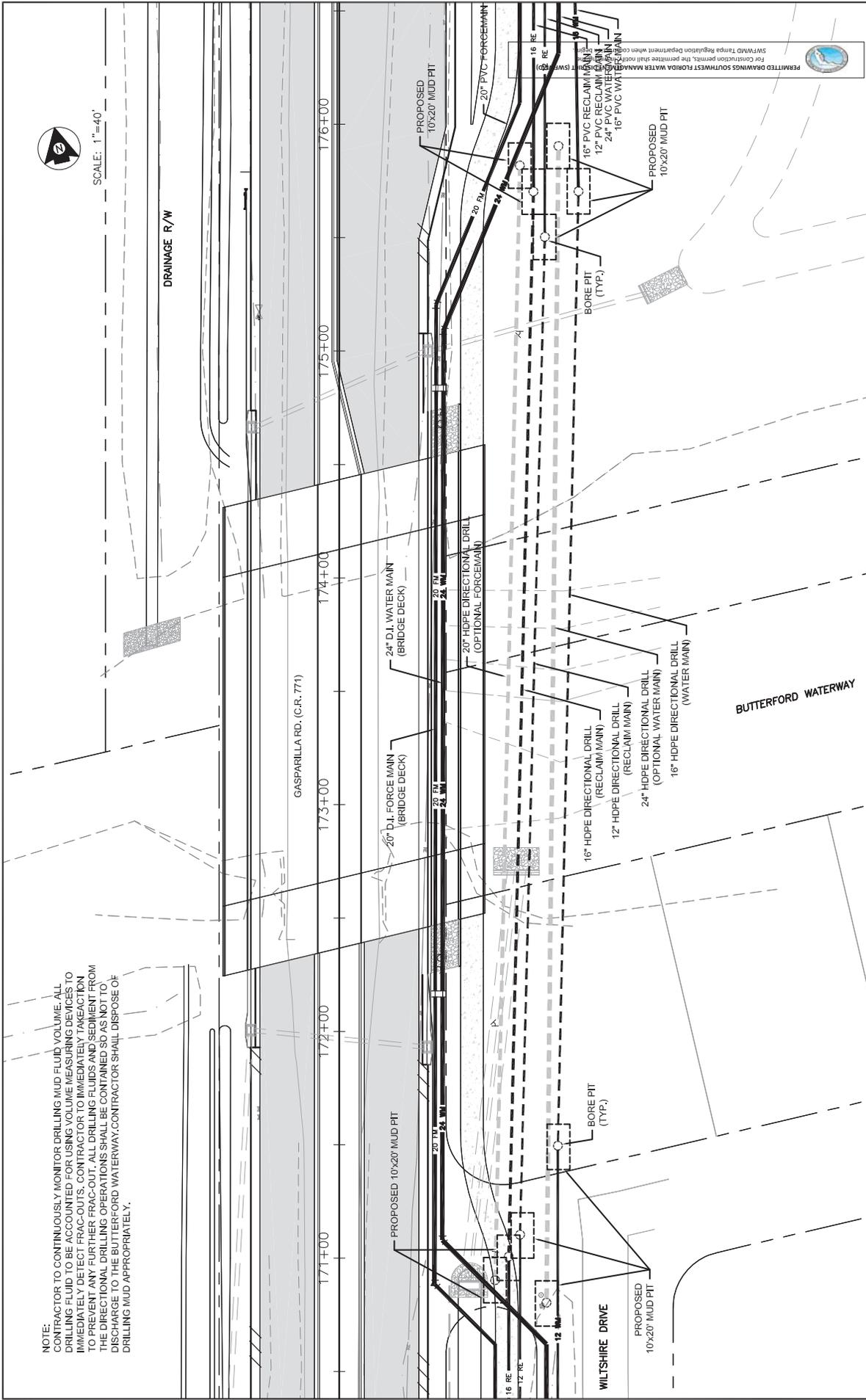
PERMITTED DRAWINGS SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT (SWFWMD) Tampa Regulation Department when construction begins. For Construction permits, the permittee shall notify, in writing, the SWFWMD Tampa Regulation Department when construction begins.

REVISIONS		DESCRIPTION	
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON ENGINEERING 1800 MARQUA CIRCLE, SUITE 404 PORT CHARLOTTE, FL 33948 REG. NO. BE-11, PE-181-6800		CHARLOTTE COUNTY COMMUNITY DEVELOPMENT
ROAD NO. 771	COUNTY CHARLOTTE	FINANCIAL PROJECT ID -

SHEET NO. 100A	CONTROL STRUCTURE DETAIL CS-600
-------------------	------------------------------------

NOTE:
 CONTRACTOR TO CONTINUOUSLY MONITOR DRILLING MUD VOLUME. ALL DRILLING FLUID TO BE ACCOUNTED FOR USING VOLUME MEASURING DEVICES TO IMMEDIATELY DETECT FRAC-OUTS. CONTRACTOR TO IMMEDIATELY TAKE ACTION TO PREVENT ANY FURTHER FRAC-OUT. ALL DRILLING FLUIDS AND SEDIMENT FROM THE DIRECTIONAL DRILLING OPERATIONS SHALL BE CONTAINED SO AS NOT TO DISCHARGE TO THE BUTTERFORD WATERWAY. CONTRACTOR SHALL DISPOSE OF DRILLING MUD APPROPRIATELY.



SCALE: 1"=40'

DRAINAGE R/W

GASPARILLA RD. (C.R. 771)

BUTTERFORD WATERWAY

DATE	DESCRIPTION	DATE	DESCRIPTION

CHARLOTTE COUNTY COMMUNITY DEVELOPMENT		ROAD NO. 771	COUNTY CHARLOTTE
FINANCIAL PROJECT ID ...		CCU PROJECT NO. 120002	

688 Charlotte Street, Suite 8 Punta Gorda, Florida 33950 Phone (888) 888-8888 Fax (888) 888-8888 www.sed.com Certified Professional Engineer No. 28551	 SED Structural Engineering & Design
---	--

SHEET NO. 1A	C.R. 771 (GASPARILLA ROAD) BUTTERFORD WATERWAY DIRECTIONAL DRILL
-----------------	--

ATTACHMENT 2: ENVIRONMENTAL RESOURCE PERMIT

Southwest Florida Water Management District (SFWMD) Permit # 43041339.000
issued

December 26, 2013
Special Conditions 1-21
3 Pages

Specific Conditions

1. If the ownership of the project area covered by the subject permit is divided, with someone other than the Permittee becoming the owner of part of the project area, this permit shall terminate, pursuant to Rule 40D-1.6105, F.A.C. In such situations, each land owner shall obtain a permit (which may be a modification of this permit) for the land owned by that person. This condition shall not apply to the division and sale of lots or units in residential subdivisions or condominiums.
2. The Permittee shall retain the design engineer, or other professional engineer registered in Florida, to conduct on-site observations of construction and assist with the as-built certification requirements of this project. The Permittee shall inform the District in writing of the name, address and phone number of the professional engineer so employed. This information shall be submitted prior to construction.
3. The following boundaries, as shown on the approved construction drawings, shall be clearly delineated on the site prior to initial clearing or grading activities:
 - wetland and surface water areas
 - wetland buffers
 - limits of approved wetland impactsThe delineation shall endure throughout the construction period and be readily discernible to construction and District personnel.
4. All wetland and surface water boundaries shown on the approved construction drawings shall be binding upon the Permittee and the District for the term of this permit. If this permit is extended, the wetland and surface water boundaries shall only remain binding for the term of such extension provided that physical conditions on the property, as solely determined by District staff, do not change so as to alter the boundaries of the delineated wetlands or other surface waters during the permit term, unless such change has been authorized by a permit issued under Part IV, Chapter 373, F.S.
5. All construction is prohibited within the permitted project area until the Permittee acquires legal ownership or legal control of the project area as delineated in the permitted construction drawings.
6. Prior to installation of the filter media, the Permittee's contractor shall submit a certified test of the media to the Permittee's *design professional*. The test shall address the following parameters: uniformity coefficient, effective grain size, sieve analysis, percent silts, clays and organic matter, and permeability testing (constant head). If testing indicates the actual permeability rate is less than the value specified in the permitted design, a permit modification will be required to lengthen the effluent filtration system. The Permittee shall also notify the District Service Office that services this permit, at least 48 hours prior to commencement of construction of the effluent filtration system, so that District staff may observe this construction activity.
7. For effluent filtration systems, the detention area(s) shall become dry within 36 hours after a rainfall event. If a detention area is regularly wet, this situation shall be deemed to be a violation of this permit.

8. If limestone bedrock is encountered during construction of the surface water management system, the District must be notified and construction in the affected area shall cease.
9. The Permittee shall notify the District of any sinkhole development in the surface water management system within 48 hours of discovery and must submit a detailed sinkhole evaluation and repair plan for approval by the District within 30 days of discovery.
10. The Permitted Plan Set for this project includes: Directional Drill Plan Sheets 1A and 1B from the submittal received by the District on June 27, 2013; Plan Sheets 1 through 97, 98 through 190 from the submittal received by the District on October 7, 2013; Plan Sheets 97A, 97B and 97C from the submittal received by the District on November 27, 2013.
11. The operation and maintenance entity shall provide for the inspection of the permitted project after conversion of the permit to the operation and maintenance phase. For systems utilizing effluent filtration or exfiltration or systems utilizing effluent filtration or exfiltration and retention or wet detention, the inspections shall be performed 24 months after operation is authorized and every 24 months thereafter.

The operation and maintenance entity must maintain a record of each inspection, including the date of inspection, the name and contact information of the inspector, whether the system was functioning as designed and permitted, and make such record available upon request of the District.

Within 30 days of any failure of a stormwater management system or deviation from the permit, an inspection report shall be submitted using Form 62-330.311(1), "Operation and Maintenance Inspection Certification" describing the remedial actions taken to resolve the failure or deviation.

12. District staff must be notified in advance of any proposed construction dewatering. If the dewatering activity is likely to result in offsite discharge or sediment transport into wetlands or surface waters, a written dewatering plan must either have been submitted and approved with the permit application or submitted to the District as a permit prior to the dewatering event as a permit modification. A water use permit may be required prior to any use exceeding the thresholds in Chapter 40D-2, F.A.C.
13. Off-site discharges during construction and development shall be made only through the facilities authorized by this permit. Water discharged from the project shall be through structures having a mechanism suitable for regulating upstream stages. Stages may be subject to operating schedules satisfactory to the District.
14. The permittee shall complete construction of all aspects of the surface water management system, including wetland compensation (grading, mulching, planting), water quality treatment features, and discharge control facilities prior to beneficial occupancy or use of the development being served by this system.
15. The following shall be properly abandoned and/or removed in accordance with the applicable regulations:
 - a. Any existing wells in the path of construction shall be properly plugged and abandoned by a licensed well contractor.
 - b. Any existing septic tanks on site shall be abandoned at the beginning of construction.
 - c. Any existing fuel storage tanks and fuel pumps shall be removed at the beginning of construction
16. All surface water management systems shall be operated to conserve water in order to maintain

environmental quality and resource protection; to increase the efficiency of transport, application and use; to decrease waste; to minimize unnatural runoff from the property and to minimize dewatering of offsite property.

17. Each phase or independent portion of the permitted system must be completed in accordance with the permitted plans and permit conditions prior to the occupation of the site or operation of site infrastructure located within the area served by that portion or phase of the system. Each phase or independent portion of the system must be completed in accordance with the permitted plans and permit conditions prior to transfer of responsibility for operation and maintenance of that phase or portion of the system to a local government or other responsible entity.
18. This permit is valid only for the specific processes, operations and designs indicated on the approved drawings or exhibits submitted in support of the permit application. Any substantial deviation from the approved drawings, exhibits, specifications or permit conditions, including construction within the total land area but outside the approved project area(s), may constitute grounds for revocation or enforcement action by the District, unless a modification has been applied for and approved. Examples of substantial deviations include excavation of ponds, ditches or sump areas deeper than shown on the approved plans.
19. The Standard Manatee Construction Conditions for In-water Work (2011) must be followed for all in-water activity.
20. To reduce the risk of entrapment and drowning of manatees, grating shall be installed and maintained over any existing or proposed pipes or culverts greater than 8 inches, but smaller than 8 feet in diameter that are submerged or partially submerged and accessible to manatees. Bars or grates no more than 8 inches apart shall be placed on the accessible end(s) during all phases of the construction process and as a final design element to restrict manatee access.
21. In the event of a frac-out during the directional drilling, the permittee shall notify the Florida Fish and Wildlife Conservation Commission at Imperiledspecies@myfwc.com.

GENERAL CONDITIONS

1. The general conditions attached hereto as Exhibit "A" are hereby incorporated into this permit by reference and the Permittee shall comply with them.

David Kramer, P.E.

Authorized Signature

Attachment 3
Standard Manatee Conditions
For In-Water Work (2011)
2 pages

STANDARD MANATEE CONDITIONS FOR IN-WATER WORK

2011

The permittee shall comply with the following conditions intended to protect manatees from direct project effects:

- a. All personnel associated with the project shall be instructed about the presence of manatees and manatee speed zones, and the need to avoid collisions with and injury to manatees. The permittee shall advise all construction personnel that there are civil and criminal penalties for harming, harassing, or killing manatees which are protected under the Marine Mammal Protection Act, the Endangered Species Act, and the Florida Manatee Sanctuary Act.
- b. All vessels associated with the construction project shall operate at "Idle Speed/No Wake" at all times while in the immediate area and while in water where the draft of the vessel provides less than a four-foot clearance from the bottom. All vessels will follow routes of deep water whenever possible.
- c. Siltation or turbidity barriers shall be made of material in which manatees cannot become entangled, shall be properly secured, and shall be regularly monitored to avoid manatee entanglement or entrapment. Barriers must not impede manatee movement.
- d. All on-site project personnel are responsible for observing water-related activities for the presence of manatee(s). All in-water operations, including vessels, must be shutdown if a manatee(s) comes within 50 feet of the operation. Activities will not resume until the manatee(s) has moved beyond the 50-foot radius of the project operation, or until 30 minutes elapses if the manatee(s) has not reappeared within 50 feet of the operation. Animals must not be herded away or harassed into leaving.
- e. Any collision with or injury to a manatee shall be reported immediately to the Florida Fish and Wildlife Conservation Commission (FWC) Hotline at 1-888-404-3922. Collision and/or injury should also be reported to the U.S. Fish and Wildlife Service in Jacksonville (1-904-731-3336) for north Florida or in Vero Beach (1-772-562-3909) for south Florida, and emailed to FWC at ImperiledSpecies@myFWC.com.
- f. Temporary signs concerning manatees shall be posted prior to and during all in-water project activities. All signs are to be removed by the permittee upon completion of the project. Temporary signs that have already been approved for this use by the FWC must be used. One sign which reads *Caution: Boaters* must be posted. A second sign measuring at least 8½" by 11" explaining the requirements for "Idle Speed/No Wake" and the shut down of in-water operations must be posted in a location prominently visible to all personnel engaged in water-related activities. These signs can be viewed at http://www.myfwc.com/WILDLIFEHABITATS/manatee_sign_vendors.htm. Questions concerning these signs can be forwarded to the email address listed above.

CAUTION: MANATEE HABITAT

All project vessels

IDLE SPEED / NO WAKE

When a manatee is within 50 feet of work
all in-water activities must

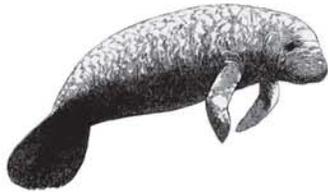
SHUT DOWN

Report any collision with or injury to a manatee:

Wildlife Alert:

1-888-404-FWCC(3922)

cell *FWC or #FWC



Attachment 4

Sea Turtle and Smalltooth Sawfish

Construction Conditions

Revised March 23, 2006

1 page

STANDARD PROTECTION MEASURES FOR THE EASTERN INDIGO SNAKE

1. An eastern indigo snake protection/education plan shall be developed by the applicant or requestor for all construction personnel to follow. The plan shall be provided to the Service for review and approval at least 30 days prior to any clearing activities. The educational materials for the plan may consist of a combination of posters, videos, pamphlets, and lectures (*e.g.*, an observer trained to identify eastern indigo snakes could use the protection/education plan to instruct construction personnel before any clearing activities occur). Informational signs should be posted throughout the construction site and along any proposed access road to contain the following information:
 - a. a description of the eastern indigo snake, its habits, and protection under Federal Law;
 - b. instructions not to injure, harm, harass or kill this species;
 - c. directions to cease clearing activities and allow the eastern indigo snake sufficient time to move away from the site on its own before resuming clearing; and,
 - d. telephone numbers of pertinent agencies to be contacted if a dead eastern indigo snake is encountered. The dead specimen should be thoroughly soaked in water and then frozen.
2. If not currently authorized through an Incidental Take Statement in association with a Biological Opinion, only individuals who have been either authorized by a section 10(a)(1)(A) permit issued by the Service, or by the State of Florida through the Florida Fish Wildlife Conservation Commission (FWC) for such activities, are permitted to come in contact with an eastern indigo snake.
3. An eastern indigo snake monitoring report must be submitted to the appropriate Florida Field Office within 60 days of the conclusion of clearing phases. The report should be submitted whether or not eastern indigo snakes are observed. The report should contain the following information:
 - a. any sightings of eastern indigo snakes and
 - b. other obligations required by the Florida Fish and Wildlife Conservation Commission, as stipulated in the permit.

Revised February 12, 2004

Attachment 5
Standard Protection Measures
for the
Eastern Indigo Snake
(revised August 12, 2013)
(6 Pages)

STANDARD PROTECTION MEASURES FOR THE EASTERN INDIGO SNAKE
U.S. Fish and Wildlife Service
August 12, 2013

The eastern indigo snake protection/education plan (Plan) below has been developed by the U.S. Fish and Wildlife Service (USFWS) in Florida for use by applicants and their construction personnel. At least **30 days prior** to any clearing/land alteration activities, the applicant shall notify the appropriate USFWS Field Office via e-mail that the Plan will be implemented as described below (North Florida Field Office: jaxregs@fws.gov; South Florida Field Office: verobeach@fws.gov; Panama City Field Office: panamacity@fws.gov). As long as the signatory of the e-mail certifies compliance with the below Plan (including use of the attached poster and brochure), no further written confirmation or “approval” from the USFWS is needed and the applicant may move forward with the project.

If the applicant decides to use an eastern indigo snake protection/education plan other than the approved Plan below, written confirmation or “approval” from the USFWS that the plan is adequate must be obtained. At least 30 days prior to any clearing/land alteration activities, the applicant shall submit their unique plan for review and approval. The USFWS will respond via e-mail, typically within 30 days of receiving the plan, either concurring that the plan is adequate or requesting additional information. A concurrence e-mail from the appropriate USFWS Field Office will fulfill approval requirements.

The Plan materials should consist of: 1) a combination of posters and pamphlets (see **Poster Information** section below); and 2) verbal educational instructions to construction personnel by supervisory or management personnel before any clearing/land alteration activities are initiated (see **Pre-Construction Activities** and **During Construction Activities** sections below).

POSTER INFORMATION

Posters with the following information shall be placed at strategic locations on the construction site and along any proposed access roads (a final poster for Plan compliance, to be printed on 11” x 17” or larger paper and laminated, is attached):

DESCRIPTION: The eastern indigo snake is one of the largest non-venomous snakes in North America, with individuals often reaching up to 8 feet in length. They derive their name from the glossy, blue-black color of their scales above and uniformly slate blue below. Frequently, they have orange to coral reddish coloration in the throat area, yet some specimens have been reported to only have cream coloration on the throat. These snakes are not typically aggressive and will attempt to crawl away when disturbed. Though indigo snakes rarely bite, they should NOT be handled.

SIMILAR SNAKES: The black racer is the only other solid black snake resembling the eastern indigo snake. However, black racers have a white or cream chin, thinner bodies, and WILL BITE if handled.

LIFE HISTORY: The eastern indigo snake occurs in a wide variety of terrestrial habitat types throughout Florida. Although they have a preference for uplands, they also utilize some wetlands

and agricultural areas. Eastern indigo snakes will often seek shelter inside gopher tortoise burrows and other below- and above-ground refugia, such as other animal burrows, stumps, roots, and debris piles. Females may lay from 4 - 12 white eggs as early as April through June, with young hatching in late July through October.

PROTECTION UNDER FEDERAL AND STATE LAW: The eastern indigo snake is classified as a Threatened species by both the USFWS and the Florida Fish and Wildlife Conservation Commission. “Taking” of eastern indigo snakes is prohibited by the Endangered Species Act without a permit. “Take” is defined by the USFWS as an attempt to kill, harm, harass, pursue, hunt, shoot, wound, trap, capture, collect, or engage in any such conduct. Penalties include a maximum fine of \$25,000 for civil violations and up to \$50,000 and/or imprisonment for criminal offenses, if convicted.

Only individuals currently authorized through an issued Incidental Take Statement in association with a USFWS Biological Opinion, or by a Section 10(a)(1)(A) permit issued by the USFWS, to handle an eastern indigo snake are allowed to do so.

IF YOU SEE A LIVE EASTERN INDIGO SNAKE ON THE SITE:

- Cease clearing activities and allow the live eastern indigo snake sufficient time to move away from the site without interference;
- Personnel must NOT attempt to touch or handle snake due to protected status.
- Take photographs of the snake, if possible, for identification and documentation purposes.
- Immediately notify supervisor or the applicant’s designated agent, **and** the appropriate USFWS office, with the location information and condition of the snake.
- If the snake is located in a vicinity where continuation of the clearing or construction activities will cause harm to the snake, the activities must halt until such time that a representative of the USFWS returns the call (within one day) with further guidance as to when activities may resume.

IF YOU SEE A DEAD EASTERN INDIGO SNAKE ON THE SITE:

- Cease clearing activities and immediately notify supervisor or the applicant’s designated agent, **and** the appropriate USFWS office, with the location information and condition of the snake.
- Take photographs of the snake, if possible, for identification and documentation purposes.
- Thoroughly soak the dead snake in water and then freeze the specimen. The appropriate wildlife agency will retrieve the dead snake.

Telephone numbers of USFWS Florida Field Offices to be contacted if a live or dead eastern indigo snake is encountered:

North Florida Field Office – (904) 731-3336
Panama City Field Office – (850) 769-0552
South Florida Field Office – (772) 562-3909

PRE-CONSTRUCTION ACTIVITIES

1. The applicant or designated agent will post educational posters in the construction office and throughout the construction site, including any access roads. The posters must be clearly visible to all construction staff. A sample poster is attached.
2. Prior to the onset of construction activities, the applicant/designated agent will conduct a meeting with all construction staff (annually for multi-year projects) to discuss identification of the snake, its protected status, what to do if a snake is observed within the project area, and applicable penalties that may be imposed if state and/or federal regulations are violated. An educational brochure including color photographs of the snake will be given to each staff member in attendance and additional copies will be provided to the construction superintendent to make available in the onsite construction office (a final brochure for Plan compliance, to be printed double-sided on 8.5" x 11" paper and then properly folded, is attached). Photos of eastern indigo snakes may be accessed on USFWS and/or FWC websites.
3. Construction staff will be informed that in the event that an eastern indigo snake (live or dead) is observed on the project site during construction activities, all such activities are to cease until the established procedures are implemented according to the Plan, which includes notification of the appropriate USFWS Field Office. The contact information for the USFWS is provided on the referenced posters and brochures.

DURING CONSTRUCTION ACTIVITIES

1. During initial site clearing activities, an onsite observer may be utilized to determine whether habitat conditions suggest a reasonable probability of an eastern indigo snake sighting (example: discovery of snake sheds, tracks, lots of refugia and cavities present in the area of clearing activities, and presence of gopher tortoises and burrows).
2. If an eastern indigo snake is discovered during gopher tortoise relocation activities (i.e. burrow excavation), the USFWS shall be contacted within one business day to obtain further guidance which may result in further project consultation.
3. Periodically during construction activities, the applicant's designated agent should visit the project area to observe the condition of the posters and Plan materials, and replace them as needed. Construction personnel should be reminded of the instructions (above) as to what is expected if any eastern indigo snakes are seen.

POST CONSTRUCTION ACTIVITIES

Whether or not eastern indigo snakes are observed during construction activities, a monitoring report should be submitted to the appropriate USFWS Field Office within 60 days of project completion. The report can be sent electronically to the appropriate USFWS e-mail address listed on page one of this Plan.

**IF YOU SEE A LIVE EASTERN
INDIGO SNAKE ON THE SITE:**

- Cease clearing activities and allow the eastern indigo snake sufficient time to move away from the site without interference.
- Personnel must NOT attempt to touch or handle snake due to protected status.
- Take photographs of the snake, if possible, for identification and documentation purposes.
- Immediately notify supervisor or the applicant's designated agent, **and** the appropriate U.S. Fish and Wildlife Service (USFWS) office, with the location information and condition of the snake.
- If the snake is located in a vicinity where continuation of the clearing or construction activities will cause harm to the snake, the activities must halt until such time that a representative of the USFWS returns the call (within one day) with further guidance as to when activities may resume.

**IF YOU SEE A DEAD EASTERN
INDIGO SNAKE ON THE SITE:**

- Cease clearing activities and immediately notify supervisor or the applicant's designated agent, **and** the appropriate USFWS office, with the location information and condition of the snake.
- Take photographs of the snake, if possible, for identification and documentation purposes.
- Thoroughly soak the dead snake in water and then freeze the specimen. The appropriate wildlife agency will retrieve the dead snake.

**USFWS Florida Field Offices to be
contacted if a live or dead eastern indigo
snake is encountered:**

North Florida ES Office – (904) 731-3336
Panama City ES Office – (850) 769-0552
South Florida ES Office – (772) 562-3909

DESCRIPTION: The eastern indigo snake is one of the largest non-venomous snakes in North America, with individuals often reaching up to 8 feet in length. They derive their name from the glossy, blue-black color of their scales above and uniformly slate blue below. Frequently, they have orange to coral reddish coloration in the throat area, yet some specimens have been reported to only have cream coloration on the throat. These snakes are not typically aggressive and will attempt to crawl away when disturbed. Though indigo snakes rarely bite, they should NOT be handled.

SIMILAR SNAKES: The black racer is the only other solid black snake resembling the eastern indigo snake. However, black racers have a white or cream chin, thinner bodies, and WILL BITE if handled.

LIFE HISTORY: The eastern indigo snake occurs in a wide variety of terrestrial habitat types throughout Florida. Although they have a preference for uplands, they also utilize some wetlands and agricultural areas. Eastern indigo snakes will often seek shelter inside gopher tortoise burrows and other below- and above-ground refugia, such as other animal burrows, stumps, roots, and debris piles. Females may lay from 4 - 12 white eggs as early as April through June, with young hatching in late July through October.

Killing, harming, or harassing indigo snakes is strictly prohibited and punishable under State and Federal Law.

Only individuals currently authorized through an issued Incidental Take Statement in association with a USFWS Biological Opinion, or by a Section 10(a)(1)(A) permit issued by the USFWS, to handle an eastern indigo snake are allowed to do so.

LEGAL STATUS: The eastern indigo snake is classified as a Threatened species by both the USFWS and the Florida Fish and Wildlife Conservation Commission. “Taking” of eastern indigo snakes is prohibited by the Endangered Species Act without a permit. “Take” is defined by the USFWS as an attempt to kill, harm, harass, pursue, hunt, shoot, wound, trap, capture, collect, or engage in any such conduct. Penalties include a maximum fine of \$25,000 for civil violations and up to \$50,000 and/or imprisonment for criminal offenses, if convicted.



August 12, 2013

ATTENTION:
THREATENED EASTERN INDIGO
SNAKES MAY BE PRESENT ON
THIS SITE!!!



Please read the following information provided by the U.S. Fish and Wildlife Service to become familiar with standard protection measures for the eastern indigo snake.



ATTENTION:

THREATENED EASTERN INDIGO SNAKES MAY BE PRESENT ON THIS SITE!!!

IF YOU SEE A LIVE EASTERN INDIGO SNAKE ON THE SITE:

- Cease clearing activities and allow the eastern indigo snake sufficient time to move away from the site without interference.
- Personnel must NOT attempt to touch or handle snake due to protected status.
- Take photographs of the snake, if possible, for identification and documentation purposes.
- Immediately notify supervisor or the applicant's designated agent, **and** the appropriate U.S. Fish and Wildlife Service (USFWS) office, with the location information and condition of the snake.
- If the snake is located in a vicinity where continuation of the clearing or construction activities will cause harm to the snake, the activities must halt until such time that a representative of the USFWS returns the call (within one day) with further guidance as to when activities may resume.

IF YOU SEE A DEAD EASTERN INDIGO SNAKE ON THE SITE:

- Cease clearing activities and immediately notify supervisor or the applicant's designated agent, **and** the appropriate USFWS office, with the location information and condition of the snake.
- Take photographs of the snake, if possible, for identification and documentation purposes.
- Thoroughly soak the dead snake in water and then freeze the specimen. The appropriate wildlife agency will retrieve the dead snake.

USFWS Florida Field Offices to be contacted if a live or dead eastern indigo snake is encountered:

North Florida Field Office – (904) 731-3336

Panama City Field Office – (850) 769-0552

South Florida Field Office – (772) 562-3909

Killing, harming, or harassing indigo snakes is strictly prohibited and punishable under State and Federal Law.

DESCRIPTION: The eastern indigo snake is one of the largest non-venomous snakes in North America, with individuals often reaching up to 8 feet in length. They derive their name from the glossy, blue-black color of their scales above and uniformly slate blue below. Frequently, they have orange to coral reddish coloration in the throat area, yet some specimens have been reported to only have cream coloration on the throat. These snakes are not typically aggressive and will attempt to crawl away when disturbed. Though indigo snakes rarely bite, they should NOT be handled.

SIMILAR SNAKES: The black racer is the only other solid black snake resembling the eastern indigo snake. However, black racers have a white or cream chin, thinner bodies, and WILL BITE if handled.

LIFE HISTORY: The eastern indigo snake occurs in a wide variety of terrestrial habitat types throughout Florida. Although they have a preference for uplands, they also utilize some wetlands and agricultural areas. Eastern indigo snakes will often seek shelter inside gopher tortoise burrows and other below- and above-ground refugia, such as other animal burrows, stumps, roots, and debris piles. Females may lay from 4 - 12 white eggs as early as April through June, with young hatching in late July through October.

PROTECTION: The eastern indigo snake is classified as a Threatened species by both the USFWS and the Florida Fish and Wildlife Conservation Commission. "Taking" of eastern indigo snakes is prohibited by the Endangered Species Act without a permit. "Take" is defined by the USFWS as an attempt to kill, harm, harass, pursue, hunt, shoot, wound, trap, capture, collect, or engage in any such conduct. Penalties include a maximum fine of \$25,000 for civil violations and up to \$50,000 and/or imprisonment for criminal offenses, if convicted.

Only individuals currently authorized through an issued Incidental Take Statement in association with a USFWS Biological Opinion, or by a Section 10(a)(1)(A) permit issued by the USFWS, to handle an eastern indigo snake are allowed to do so.