



**SOUTH FLORIDA WATER MANAGEMENT DISTRICT
ENVIRONMENTAL RESOURCE
STANDARD GENERAL PERMIT NO. 47-01069-P
DATE ISSUED: August 4, 2011**

Form #0941
08/95

PERMITTEE: OKEECHOBEE COUNTY
304 N W 2ND STREET
RM 123
OKEECHOBEE, FL 34972

PROJECT DESCRIPTION: Construction and operation of a surface water management system to serve a 0.41-acre project known as Okeechobee County 2008 Disaster Recovery CDBG.

PROJECT LOCATION: OKEECHOBEE COUNTY, SEC 17,18 TWP 37S RGE 35E

PERMIT DURATION: See Special Condition No:1. See attached Rule 40E-4.321, Florida Administrative Code.

This is to notify you of the District's agency action concerning Notice of Intent for Permit Application No. 110520-5, dated May 20, 2011. This action is taken pursuant to Rule 40E-1.603 and Chapter 40E-40, Florida Administrative Code (F.A.C.).

Based on the information provided, District rules have been adhered to and an Environmental Resource General Permit is in effect for this project subject to:

1. Not receiving a filed request for a Chapter 120, Florida Statutes, administrative hearing.
2. the attached 19 General Conditions (See Pages : 2 - 4 of 6),
3. the attached 17 Special Conditions (See Pages : 5 - 6 of 6) and
4. the attached 3 Exhibit(s)

Should you object to these conditions, please refer to the attached "Notice of Rights" which addresses the procedures to be followed if you desire a public hearing or other review of the proposed agency action. Please contact this office if you have any questions concerning this matter. If we do not hear from you in accordance with the "Notice of Rights," we will assume that you concur with the District's action.

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a "Notice of Rights" has been mailed to the Permittee (and the persons listed in the attached distribution list) no later than 5:00 p.m. on this 4th day of August, 2011, in accordance with Section 120.60(3), Florida Statutes.

BY:

Anita R. Bain
Anita R. Bain

Bureau Chief - Environmental Resource Permitting
Palm Beach Service Center

GENERAL CONDITIONS

1. All activities authorized by this permit shall be implemented as set forth in the plans, specifications and performance criteria as approved by this permit. Any deviation from the permitted activity and the conditions for undertaking that activity shall constitute a violation of this permit and Part IV, Chapter 373, F.S.
2. This permit or a copy thereof, complete with all conditions, attachments, exhibits, and modifications shall be kept at the work site of the permitted activity. The complete permit shall be available for review at the work site upon request by District staff. The permittee shall require the contractor to review the complete permit prior to commencement of the activity authorized by this permit.
3. Activities approved by this permit shall be conducted in a manner which does not cause violations of State water quality standards. The permittee shall implement best management practices for erosion and pollution control to prevent violation of State water quality standards. Temporary erosion control shall be implemented prior to and during construction, and permanent control measures shall be completed within 7 days of any construction activity. Turbidity barriers shall be installed and maintained at all locations where the possibility of transferring suspended solids into the receiving waterbody exists due to the permitted work. Turbidity barriers shall remain in place at all locations until construction is completed and soils are stabilized and vegetation has been established. All practices shall be in accordance with the guidelines and specifications described in Chapter 6 of the Florida Land Development Manual; A Guide to Sound Land and Water Management (Department of Environmental Regulation, 1988), incorporated by reference in Rule 40E-4.091, F.A.C. unless a project-specific erosion and sediment control plan is approved as part of the permit. Thereafter the permittee shall be responsible for the removal of the barriers. The permittee shall correct any erosion or shoaling that causes adverse impacts to the water resources.
4. The permittee shall notify the District of the anticipated construction start date within 30 days of the date that this permit is issued. At least 48 hours prior to commencement of activity authorized by this permit, the permittee shall submit to the District an Environmental Resource Permit Construction Commencement Notice Form Number 0960 indicating the actual start date and the expected construction completion date.
5. When the duration of construction will exceed one year, the permittee shall submit construction status reports to the District on an annual basis utilizing an annual status report form. Status report forms shall be submitted the following June of each year.
6. Within 30 days after completion of construction of the permitted activity, the permittee shall submit a written statement of completion and certification by a professional engineer or other individual authorized by law, utilizing the supplied Environmental Resource/Surface Water Management Permit Construction Completion/Certification Form Number 0881A, or Environmental Resource/Surface Water Management Permit Construction Completion Certification - For Projects Permitted prior to October 3, 1995 Form No. 0881B, incorporated by reference in Rule 40E-1.659, F.A.C. The statement of completion and certification shall be based on onsite observation of construction or review of as-built drawings for the purpose of determining if the work was completed in compliance with permitted plans and specifications. This submittal shall serve to notify the District that the system is ready for inspection. Additionally, if deviation from the approved drawings are discovered during the certification process, the certification must be accompanied by a copy of the approved permit drawings with deviations noted. Both the original and revised specifications must be clearly shown. The plans must be clearly labeled as "as-built" or "record" drawings. All surveyed dimensions and elevations shall be certified by a registered surveyor.
7. The operation phase of this permit shall not become effective: until the permittee has complied with the requirements of condition (6) above, and submitted a request for conversion of Environmental Resource Permit from Construction Phase to Operation Phase, Form No. 0920; the District determines the system to be in compliance with the permitted plans and specifications; and the entity approved by the District in accordance with Sections 9.0 and 10.0 of the Basis of Review for Environmental Resource Permit

GENERAL CONDITIONS

Applications within the South Florida Water Management District, accepts responsibility for operation and maintenance of the system. The permit shall not be transferred to such approved operation and maintenance entity until the operation phase of the permit becomes effective. Following inspection and approval of the permitted system by the District, the permittee shall initiate transfer of the permit to the approved responsible operating entity if different from the permittee. Until the permit is transferred pursuant to Section 40E-1.6107, F.A.C., the permittee shall be liable for compliance with the terms of the permit.

8. Each phase or independent portion of the permitted system must be completed in accordance with the permitted plans and permit conditions prior to the initiation of the permitted use 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 the phase or portion of the system to a local government or other responsible entity.
9. For those systems that will be operated or maintained by an entity that will require an easement or deed restriction in order to enable that entity to operate or maintain the system in conformance with this permit, such easement or deed restriction must be recorded in the public records and submitted to the District along with any other final operation and maintenance documents required by Sections 9.0 and 10.0 of the Basis of Review for Environmental Resource Permit applications within the South Florida Water Management District, prior to lot or units sales or prior to the completion of the system, whichever comes first. Other documents concerning the establishment and authority of the operating entity must be filed with the Secretary of State, county or municipal entities. Final operation and maintenance documents must be received by the District when maintenance and operation of the system is accepted by the local government entity. Failure to submit the appropriate final documents will result in the permittee remaining liable for carrying out maintenance and operation of the permitted system and any other permit conditions.
10. Should any other regulatory agency require changes to the permitted system, the permittee shall notify the District in writing of the changes prior to implementation so that a determination can be made whether a permit modification is required.
11. This permit does not eliminate the necessity to obtain any required federal, state, local and special district authorizations prior to the start of any activity approved by this permit. This permit does not convey to the permittee or create in the permittee any property right, or any interest in real property, nor does it authorize any entrance upon or activities on property which is not owned or controlled by the permittee, or convey any rights or privileges other than those specified in the permit and Chapter 40E-4 or Chapter 40E-40, F.A.C..
12. The permittee is hereby advised that Section 253.77, F.S. states that a person may not commence any excavation, construction, or other activity involving the use of sovereign or other lands of the State, the title to which is vested in the Board of Trustees of the Internal Improvement Trust Fund without obtaining the required lease, license, easement, or other form of consent authorizing the proposed use. Therefore, the permittee is responsible for obtaining any necessary authorizations from the Board of Trustees prior to commencing activity on sovereignty lands or other state-owned lands.
13. The permittee must obtain a Water Use permit prior to construction dewatering, unless the work qualifies for a general permit pursuant to Subsection 40E-20.302(3), F.A.C., also known as the "No Notice" Rule.
14. The permittee shall hold and save the District harmless from any and all damages, claims, or liabilities which may arise by reason of the construction, alteration, operation, maintenance, removal, abandonment or use of any system authorized by the permit.
15. Any delineation of the extent of a wetland or other surface water submitted as part of the permit

GENERAL CONDITIONS

application, including plans or other supporting documentation, shall not be considered binding, unless a specific condition of this permit or a formal determination under Section 373.421(2), F.S., provides otherwise.

16. The permittee shall notify the District in writing within 30 days of any sale, conveyance, or other transfer of ownership or control of a permitted system or the real property on which the permitted system is located. All transfers of ownership or transfers of a permit are subject to the requirements of Rules 40E-1.6105 and 40E-1.6107, F.A.C.. The permittee transferring the permit shall remain liable for corrective actions that may be required as a result of any violations prior to the sale, conveyance or other transfer of the system.
17. Upon reasonable notice to the permittee, District authorized staff with proper identification shall have permission to enter, inspect, sample and test the system to insure conformity with the plans and specifications approved by the permit.
18. If historical or archaeological artifacts are discovered at any time on the project site, the permittee shall immediately notify the appropriate District service center.
19. The permittee shall immediately notify the District in writing of any previously submitted information that is later discovered to be inaccurate.

SPECIAL CONDITIONS

1. The construction phase of this permit shall expire on August 4, 2016.
2. Operation of the surface water management system shall be the responsibility of the permittee.
3. Discharge Facilities: please refer to Exhibit 2.2 (conveyance only)
4. The permittee shall be responsible for the correction of any erosion, shoaling or water quality problems that result from the construction or operation of the surface water management system.
5. Measures shall be taken during construction to insure that sedimentation and/or turbidity violations do not occur in the receiving water.
6. The District reserves the right to require that additional water quality treatment methods be incorporated into the drainage system if such measures are shown to be necessary.
7. Facilities other than those stated herein shall not be constructed without an approved modification of this permit.
8. A stable, permanent and accessible elevation reference shall be established on or within one hundred (100) feet of all permitted discharge structures no later than the submission of the certification report. The location of the elevation reference must be noted on or with the certification report.
9. The permittee shall provide routine maintenance of all of the components of the surface water management system in order to remove all trapped sediments/debris. All materials shall be properly disposed of as required by law. Failure to properly maintain the system may result in adverse flooding conditions.
10. This permit is issued based on the applicant's submitted information which reasonably demonstrates that adverse water resource related impacts will not be caused by the completed permit activity. Should any adverse impacts caused by the completed surface water management system occur, the District will require the permittee to provide appropriate mitigation to the District or other impacted party. The District will require the permittee to modify the surface water management system, if necessary, to eliminate the cause of the adverse impacts.
11. The permittee acknowledges that, pursuant to Rule 40E-4.101(2), F.A.C., a notice of Environmental Resource or Surface Water Management Permit may be recorded in the county public records. Pursuant to the specific language of the rule, this notice shall not be considered an encumbrance upon the property.
12. If 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, the permitted project should cease all activities involving subsurface disturbance in the immediate vicinity of such discoveries. The permittee, or other designee, should contact the Florida Department of State, Division of Historical Resources, Review and Compliance Section at (850) 245-6333 or (800) 847-7278, as well as the appropriate permitting agency office. Project activities should not resume without verbal and/or written authorization from the Division of Historical Resources. In the event that unmarked human remains are encountered during permitted activities, all work shall stop immediately and the proper authorities notified in accordance with Section 872.05, Florida Statutes.
13. No construction dewatering is authorized.
14. Silt screens, hay bales, turbidity screens/barriers or other such sediment control measures shall be utilized during construction. The selected sediment control measure shall be installed landward of the upland

SPECIAL CONDITIONS

buffer zones around all protected wetlands and shall be properly "trenched". All areas shall be stabilized and vegetated immediately after construction to prevent erosion into the wetlands and upland buffer zones.

15. Silt fencing shall be installed at the limits of construction to protect from silt and sediment deposition during the construction of the project. A floating turbidity barrier shall be installed during the construction of the final discharge structure into the adjacent canal/water body. The silt fencing and the turbidity barrier shall be installed in accordance with "Florida Land Development Manual" Chapter 6 "Stormwater and Erosion and Sediment Control Best Management Practices for Developing Areas". The sediment controls shall be installed prior to the commencement of any clearing or construction and the installation must be inspected by the District's Environmental Resource Compliance staff. The silt fencing and turbidity barriers shall remain in place and be maintained in good functional condition until all adjacent construction activities have been completed and all fill slopes have been stabilized. Upon completion of the project and the stabilization of the fill, the permittee shall contact the District's Environmental Resource Compliance staff to inspect the site and approve the removal of the silt fencing and turbidity barriers.
16. Prior to the commencement of construction, the permittee shall conduct a pre-construction meeting with field representatives, contractors and District staff. The purpose of the meeting will be to discuss construction methods and sequencing, including type and location of turbidity and erosion controls to be implemented during construction, mobilization and staging of contractor equipment, methods of vegetation clearing, wetland/buffer protection methods, with the permittee and contractors. The permittee shall contact District Environmental Resource Compliance staff from the Okeechobee Service Center at (863) 462-5260 to schedule the pre-construction meeting.
17. The authorization for construction of the surface water management system is issued pursuant to the water quality net improvement provisions referenced in Rule Section 40E-4.303(1), Florida Administrative Code; therefore, the state water quality certification is waived.

40E-4.321 Duration of Permits.

(1) Unless revoked or otherwise modified the duration of an environmental resource permit issued under this chapter or Chapter 40E-40, F.A.C., is as follows:

(a) For a conceptual approval, two years from the date of issuance or the date specified as a condition of the permit, unless within that period an application for an individual or standard general permit is filed for any portion of the project. If an application for an environmental resource permit is filed, then the conceptual approval remains valid until final action is taken on the environmental resource permit application. If the application is granted, then the conceptual approval is valid for an additional two years from the date of issuance of the permit. Conceptual approvals which have no individual or standard general environmental resource permit applications filed for a period of two years shall expire automatically at the end of the two year period.

(b) For a conceptual approval filed concurrently with a development of regional impact (DRI) application for development approval (ADA) and a local government comprehensive plan amendment, the duration of the conceptual approval shall be two years from whichever one of the following occurs at the latest date:

1. The effective date of the local government's comprehensive plan amendment,
2. The effective date of the local government development order,
3. The date on which the District issues the conceptual approval, or
4. The date on which the District issues a final order pertaining to the resolution of any Section 120.57, F.S., administrative proceeding or other legal appeals.

(c) For an individual or standard general environmental resource permit, the construction phase authorizing construction, removal, alteration or abandonment of a system shall expire five years from the date of issuance or such amount of time as made a condition of the permit.

(d) For an individual or standard general environmental resource permit, the operational phase of the permit is perpetual for operation and maintenance.

(e) For a noticed general permit issued pursuant to Chapter 40E-400, F.A.C., five years from the date the notice of intent to use the permit is provided to the District.

(2)(a) Unless prescribed by special permit condition, permits expire automatically according to the timeframes indicated in this rule. If application for extension is made by electronic mail at the District's e-Permitting website or in writing pursuant to subsection (3), the permit shall remain in full force and effect until:

1. The Governing Board takes action on an application for extension of an individual permit, or
2. Staff takes action on an application for extension of a standard general permit.

(b) Installation of the project outfall structure shall not constitute a vesting of the permit.

(3) The permit extension shall be issued provided that a permittee files a written request with the District showing good cause prior to the expiration of the permit. For the purpose of this rule, good cause shall mean a set of extenuating circumstances outside of the control of the permittee. Requests for extensions, which shall include documentation of the extenuating circumstances and how they have delayed this project, will not be accepted more than 180 days prior to the expiration date.

(4) Substantial modifications to Conceptual Approvals will extend the duration of the Conceptual Approval for two years from the date of issuance of the modification. For the purposes of this section, the term "substantial modification" shall mean a modification which is reasonably expected to lead to substantially different water resource or environmental impacts which require a detailed review.

(5) Substantial modifications to individual or standard general environmental resource permits issued pursuant to a permit application extend the duration of the permit for three years from the date of issuance of the modification. Individual or standard general environmental resource permit modifications do not extend the duration of a conceptual approval.

(6) Permit modifications issued pursuant to paragraph 40E-4.331(2)(b), F.A.C. (letter modifications) do not extend the duration of the permit.

(7) Failure to complete construction or alteration of the surface water management system and obtain operation phase approval from the District within the permit duration shall require a new permit authorization in order to continue construction unless a permit extension is granted.

Specific Authority 373.044, 373.113, 668.003, 668.004, 668.50 FS. Law Implemented 373.413, 373.416, 373.419, 373.426, 668.003, 668.004, 668.50 FS. History--New 9-3-81, Amended 1-31-82, 12-1-82, Formerly 16K-4.07(4), Amended 7-1-86, 4-20-94, 10-3-95, 5-28-00, 10-1-06.

- Filings by mail must be addressed to the Office of the SFWMD Clerk, P.O. Box 24680, West Palm Beach, Florida 33416.
- Filings by hand-delivery must be delivered to the Office of the SFWMD Clerk. **Delivery of a petition to the SFWMD's security desk does not constitute filing. To ensure proper filing, it will be necessary to request the SFWMD's security officer to contact the Clerk's office.** An employee of the SFWMD's Clerk's office will receive and file the petition.
- Filings by facsimile must be transmitted to the SFWMD Clerk's Office at (561) 682-6010. Pursuant to Subsections 28-106.104(7), (8) and (9), Fla. Admin. Code, a party who files a document by facsimile represents that the original physically signed document will be retained by that party for the duration of that proceeding and of any subsequent appeal or subsequent proceeding in that cause. Any party who elects to file any document by facsimile shall be responsible for any delay, disruption, or interruption of the electronic signals and accepts the full risk that the document may not be properly filed with the clerk as a result. The filing date for a document filed by facsimile shall be the date the SFWMD Clerk receives the complete document.

Initiation of an Administrative Hearing

Pursuant to Rules 28-106.201 and 28-106.301, Fla. Admin. Code, initiation of an administrative hearing shall be made by written petition to the SFWMD in legible form and on 8 and 1/2 by 11 inch white paper. All petitions shall contain:

1. Identification of the action being contested, including the permit number, application number, District file number or any other SFWMD identification number, if known.
2. The name, address and telephone number of the petitioner and petitioner's representative, if any.
3. An explanation of how the petitioner's substantial interests will be affected by the agency determination.
4. A statement of when and how the petitioner received notice of the SFWMD's decision.
5. A statement of all disputed issues of material fact. If there are none, the petition must so indicate.
6. A concise statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the SFWMD's proposed action.
7. A statement of the specific rules or statutes the petitioner contends require reversal or modification of the SFWMD's proposed action.
8. If disputed issues of material fact exist, the statement must also include an explanation of how the alleged facts relate to the specific rules or statutes.
9. A statement of the relief sought by the petitioner, stating precisely the action the petitioner wishes the SFWMD to take with respect to the SFWMD's proposed action.

A person may file a request for an extension of time for filing a petition. The SFWMD may, for good cause, grant the request. Requests for extension of time must be filed with the SFWMD prior to the deadline for filing a petition for hearing. Such requests for extension shall contain a certificate that the moving party has consulted with all other parties concerning the extension and that the SFWMD and any other parties agree to or oppose the extension. A timely request for extension of time shall toll the running of the time period for filing a petition until the request is acted upon.

If the District takes action with substantially different impacts on water resources from the notice of intended agency decision, the persons who may be substantially affected shall have an additional point of entry pursuant to Rule 28-106.111, Fla. Admin. Code, unless otherwise provided by law.

Mediation

The procedures for pursuing mediation are set forth in Section 120.573, Fla. Stat., and Rules 28-106.111 and 28-106.401-.405, Fla. Admin. Code. The SFWMD is not proposing mediation for this agency action under Section 120.573, Fla. Stat., at this time.

RIGHT TO SEEK JUDICIAL REVIEW

Pursuant to Sections 120.60(3) and 120.68, Fla. Stat., a party who is adversely affected by final SFWMD action may seek judicial review of the SFWMD's final decision by filing a notice of appeal pursuant to Florida Rule of Appellate Procedure 9.110 in the Fourth District Court of Appeal or in the appellate district where a party resides and filing a second copy of the notice with the SFWMD Clerk within 30 days of rendering of the final SFWMD action.

Last Date For Agency Action: August 14, 2011

GENERAL ENVIRONMENTAL RESOURCE PERMIT STAFF REPORT

Project Name: Okeechobee County 2008 Disaster Recovery C D B G

Permit No.: 47-01069-P

Application No.: 110520-5

Application Type: Environmental Resource (New General Permit)

Location: Okeechobee County, S17,18/T37S/R35E

Permittee : Okeechobee County

Operating Entity : Okeechobee County

Project Area: 0.41 acres

Project Land Use: Government

Drainage Basin: S-154

Receiving Body: Popash Slough

Class: CLASS III

Special Drainage District: NA

Conservation Easement To District : No

Sovereign Submerged Lands: No

PROJECT PURPOSE:

This application is a request for an Environmental Resource Permit to authorize construction and operation of a surface water management system to serve 0.41 acres of flood protection improvements. Approval is granted with conditions.

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PROJECT EVALUATION:**PROJECT SITE DESCRIPTION:**

The site is located in its entirety in Okeechobee County, with a portion in the City of Okeechobee. The proposed dry retention area is located within the City, along SW 11th Street, between SW 2nd and 3rd Avenues (Section 17, Township 37 and Range 35). The other project area, designated for culvert replacements, is west of US Highway 98 (US Hwy 98/SR 700) between NW 18th Street and State Route 70 (SR 70) (Section 18, Township 37 and Range 35). Please refer to Exhibit 1 [one (1) page].

There are no permitted surface water management facilities within the project area proposed for the dry retention area. The site contains a dirt road between SW 2nd and 3rd Avenues, in alignment with the paved section of SW 11th Street from 441S, west to SW 2nd Avenue.

The ditch in which the five proposed culvert crossings are located runs through several commercial properties and subdivisions within Okeechobee County, ultimately discharging to the S-154 (L-62) Basin.

The northernmost and southernmost proposed culvert replacements are at NW 18th Street, and north of State Route (SR) 70, east of the veterinary hospital. The remaining three proposed culvert replacements are located within the permitted surface water management facilities of Royal Concrete Concepts (Permit No. 47-00717-P).

A wetland mitigation area which is under conservation easement for the development of Royal Concrete Concepts (47-00717-P) is adjacent to the project conveyance ditch south of Hall Road.

PROPOSED PROJECT:

Authorization is requested for construction and operation of five proposed culvert crossing replacements within a ditch west of US Highway 98, discharging to the S-154 basin, as well as the construction/operation of a proposed dry retention area located on SW 11th Street between SW 2nd and 3rd Avenues. Please refer to Exhibit 2.1 [twelve (12) pages].

The proposed construction/operation of the identified surface water management features is intended to alleviate the severe flooding associated with Tropical Storm Fay in 2008, as detailed in the narrative provided by the applicant. In summary, the rainfall associated with Tropical Storm Fay negatively impacted the Playland Park Acres and Basswood neighborhoods upstream of proposed culvert replacement locations. The proposed dry retention area is designated for a "v"-ditch area which presently receives runoff from an existing storm sewer system along SW 2nd and 3rd Avenues. The existing storm sewer system lacks a direct outfall, and could potentially overflow eastward to the US 441 surface water management system.

The proposed culvert replacement sizes considered the cross-sectional area of the existing culverts upstream and downstream of the project area. In place at Highway 98, upstream of the first proposed culvert replacement, are three (3), 54 inch diameter RCP [total cross-sectional area, 47.7 square feet (SF)]. In place at SR 70, downstream of the fifth proposed culvert replacement, are two box culverts, one-10.5' by 5' and the other-11.5' by 5' [total cross-sectional area, 110 square feet (SF)]. The proposed total cross-sectional areas for each of the proposed culvert replacement locations, from upstream to downstream, are: 50 SF, NW 18th Street; 56 SF, Halls Road; 56 SF, Project STA 228+00 (south of Halls Road); 64 SF, railroad spur crossing; 100 SF, 516 FT north of SR 70. Please refer to Exhibit 2.2 [one (1) page] for the existing culverts and the corresponding, proposed replacements.

The proposed surface water management area at SW 11th Street expands the existing "v"-ditch to a dry retention area, increasing the cross-sectional area/storage volume from approximately 6000 SF/ 0.15 acre-feet (A-F) to 9600 SF/0.64 A-F, respectively. The proposed dry retention area will include 100 FT of an ADS AdvanEdge system with pea rock, to facilitate system recovery, similar to an underdrain system.

WATER QUANTITY:**Discharge Rate :**

A surface water management model was the basis for Pre- and Post-mitigation analyses (existing and proposed conditions) performed for the replacement culvert portion of the proposed project. The model was an updated version of the County's General Region master plan, supplemented with additional culvert and channel cross sectional data in the vicinity of/within the area served by the proposed culvert replacements. Design storms of magnitudes of the 10-yr, 3-day and 25-yr, 3-day were modeled.

For the proposed culvert replacements, discharge rates increased but the applicant has demonstrated that there will be no increase in total runoff volume to the S-154 Basin under proposed conditions. The benefits of the proposed culvert replacements were demonstrated in the post-mitigation analysis results by lower peak flood stages and lesser flood durations upstream.

WATER QUALITY:

The authorization for construction of the surface water management system is issued pursuant to the water quality net improvement provisions referenced in Rule Section 40E-4.303(1), Florida Administrative Code; therefore, the state water quality certification is waived.

The proposed dry retention area expands the existing "v"-ditch section, thus, increasing the available storage volume, and incorporates an ADS AdvanEdge system, which is expected to provide minor water quality benefits. The contributing drainage area and potential depth of runoff from that area which would receive treatment in the proposed retention area was not quantified.

No adverse water quality impacts are anticipated as a result of the proposed project.

Best management practices will be a contractual requirement of the awarded Contractor. The Contractor will be required to develop a stormwater pollution prevention plan prior to the start of construction and will be required to comply with SFWMD permit conditions and FDEP's NPDES program. No construction dewatering is authorized with this permit.

WETLANDS:

There are no State jurisdictional wetlands within the project area; however, a wetland mitigation conservation area is adjacent to the ditch segment that runs through the Royal Concrete Concepts property (47-00717-P) north to south. Since the conveyance ditch segment connecting the Hall Road box culvert and the Royal Concrete internal box culvert will not be lowered, there should not be any adverse impact to the conservation area as a result of replacing the upstream and downstream structures with larger diameter orifices at a slightly lower invert elevation (refer to Exhibit 3).

CERTIFICATION AND MAINTENANCE OF THE WATER MANAGEMENT SYSTEM:

It is suggested that the permittee retain the services of a Professional Engineer registered in the State of Florida for periodic observation of construction of the surface water management (SWM) system. This will facilitate the completion of construction completion certification Form #0881 which is required pursuant to Section 10 of the Basis of Review for Environmental Resource Permit Applications within the South Florida Water Management District, and Rule 40E-4.361(2), Florida Administrative Code (F.A.C.).

Pursuant to Chapter 40E-4 F.A.C., this permit may not be converted from the construction phase to the operation phase until certification of the SWM system is submitted to and accepted by this District. Rule 40E-4.321(7) F.A.C. states that failure to complete construction of the SWM system and obtain operation phase approval from the District within the permit duration shall require a new permit authorization unless a permit extension is granted.

For SWM systems permitted with an operating entity who is different from the permittee, it should be noted that until the permit is transferred to the operating entity pursuant to Rule 40E-1.6107, F.A.C., the permittee is liable for compliance with the terms of this permit.

The permittee is advised that the efficiency of a SWM system will normally decrease over time unless the system is periodically maintained. A significant reduction in flow capacity can usually be attributed to partial blockages of the conveyance system. Once flow capacity is compromised, flooding of the project may result. Maintenance of the SWM system is required to protect the public health, safety and the natural resources of the state. Therefore, the permittee must have periodic inspections of the SWM system performed to ensure performance for flood protection and water quality purposes. If deficiencies are found, it is the responsibility of the permittee to correct these deficiencies in a timely manner.

RELATED CONCERNS:**Water Use Permit Status:**

The applicant has indicated that water for irrigation is not required for this project.

The applicant has indicated that dewatering is not required for construction of this project.

This permit does not release the permittee from obtaining all necessary Water Use authorization(s) prior to the commencement of activities which will require such authorization, including construction dewatering and irrigation.

CERP:

The proposed project is located within the Lake Okeechobee Watershed component of CERP. Regulation staff has coordinated review of this project with the Lake Okeechobee Watershed Region Project Manager, who has determined that this application is not inconsistent with future restoration goals for this CERP project as currently envisioned.

Potable Water Supplier:

None required.

Waste Water System/Supplier:

None required.

Right-Of-Way Permit Status:

A District Right-of-Way Permit is not required for this project.

DRI Status:

This project is not a DRI.

Historical/Archeological Resources:

No information has been received that indicates the presence of archaeological or historical resources or that the proposed activities could cause adverse impacts to archaeological or historical resources.

DCA/CZM Consistency Review:

The issuance of this permit constitutes a finding of consistency with the Florida Coastal Management Program.

Third Party Interest:

No third party has contacted the District with concerns about this application.

Enforcement:

There has been no enforcement activity associated with this application.

08/04/2011

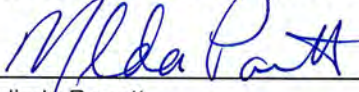
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STAFF REVIEW:

DIVISION APPROVAL:

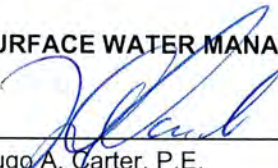
NATURAL RESOURCE MANAGEMENT:



Melinda Parrott

DATE: August 12011

SURFACE WATER MANAGEMENT:



Hugo A. Carter, P.E.

DATE: 1 Aug 2011



OKEECHOBEE COUNTY, FLORIDA

Legend

 Application

Application Number: 110520-5

Sec 17,18 / Twp 37 / Rge 35

Project Name: Name: OKEECHOBEE COUNTY 2008
DISASTER RECOVERY C D B G

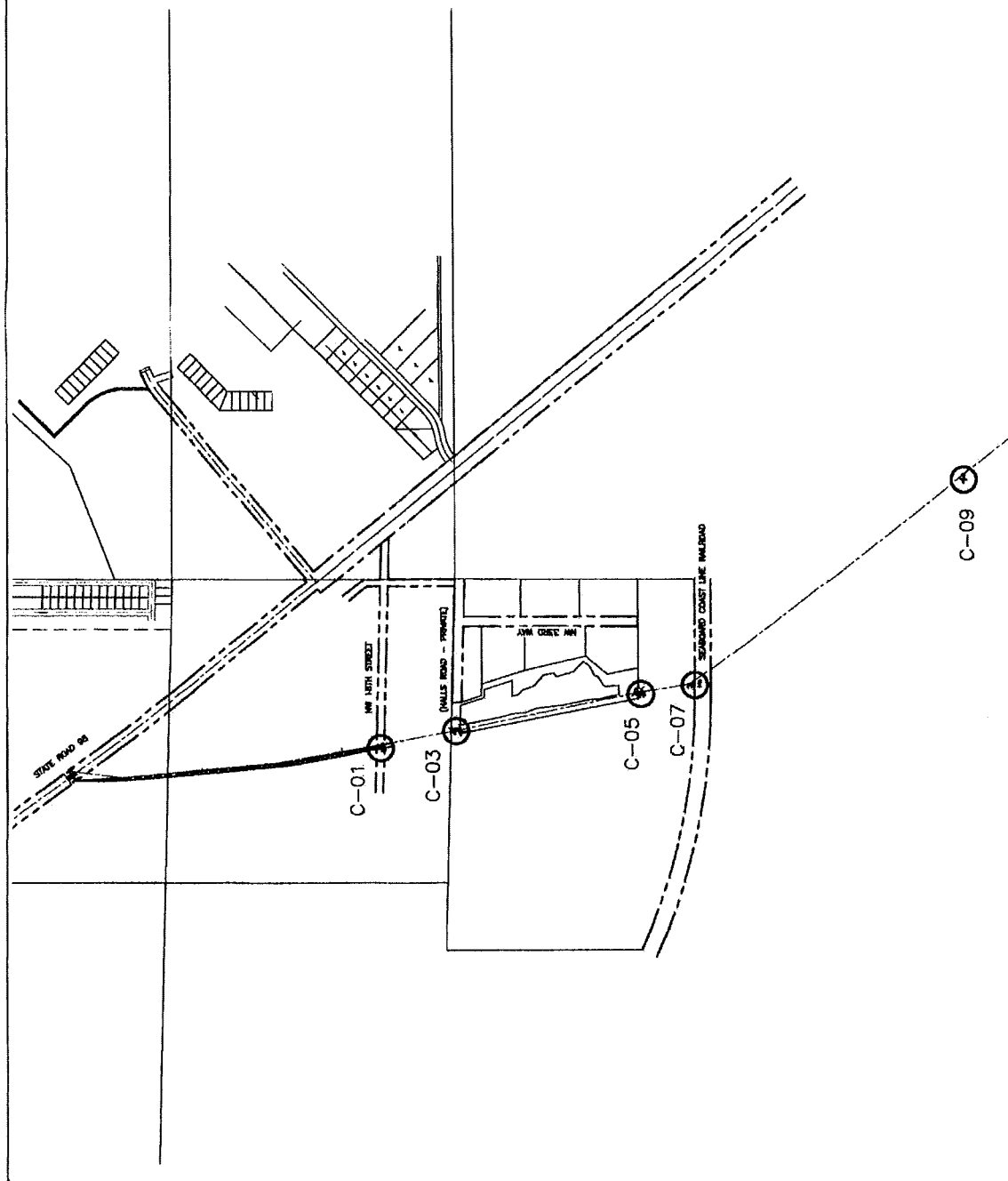
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Map Date: 2011-07-25

Permit Number: 47-01069-P

Exhibit Number: 1



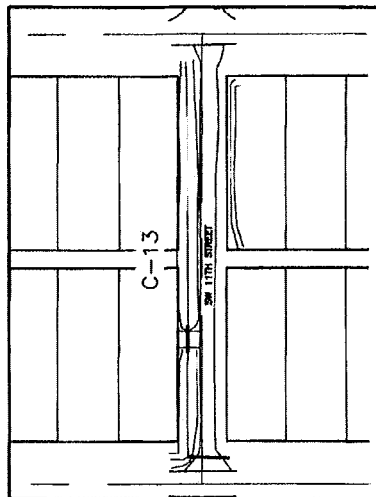
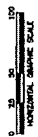
ADDITIONAL INFO.

JUN 27 2011

OKS

APPLICATION NUMBER

110520-5



FOR CONSTRUCTION

1000

FILE NAME: 02-0803-G-02-MEY.dwg
LAST SAVE: 04/15/11 - 8:28am

00-0903-192
CAG PROJECT NUMBER

CULVERT CROSSING

KEY SHEET

PREPARED FOR

PREPARED FOR
OKEECHOBEE COUNTY

OKEECHOBEE COUNTY, FL

CRAIG A. SMITH & ASSOCIATES

CONSULTING ENGINEERS-PLANNERS-SURVEYORS

CONSULTING ENGINEERS-PLANNERS-SURVEYORS
777 GLADES ROAD, SUITE 410
BOCA RATON, FLORIDA 33434
(305) 314-4448
COUNTY: ME. LICENSE: 110

APPROVED BY CR. A. G. A. RUSNO, P.E.

1

DATE 6-23-11

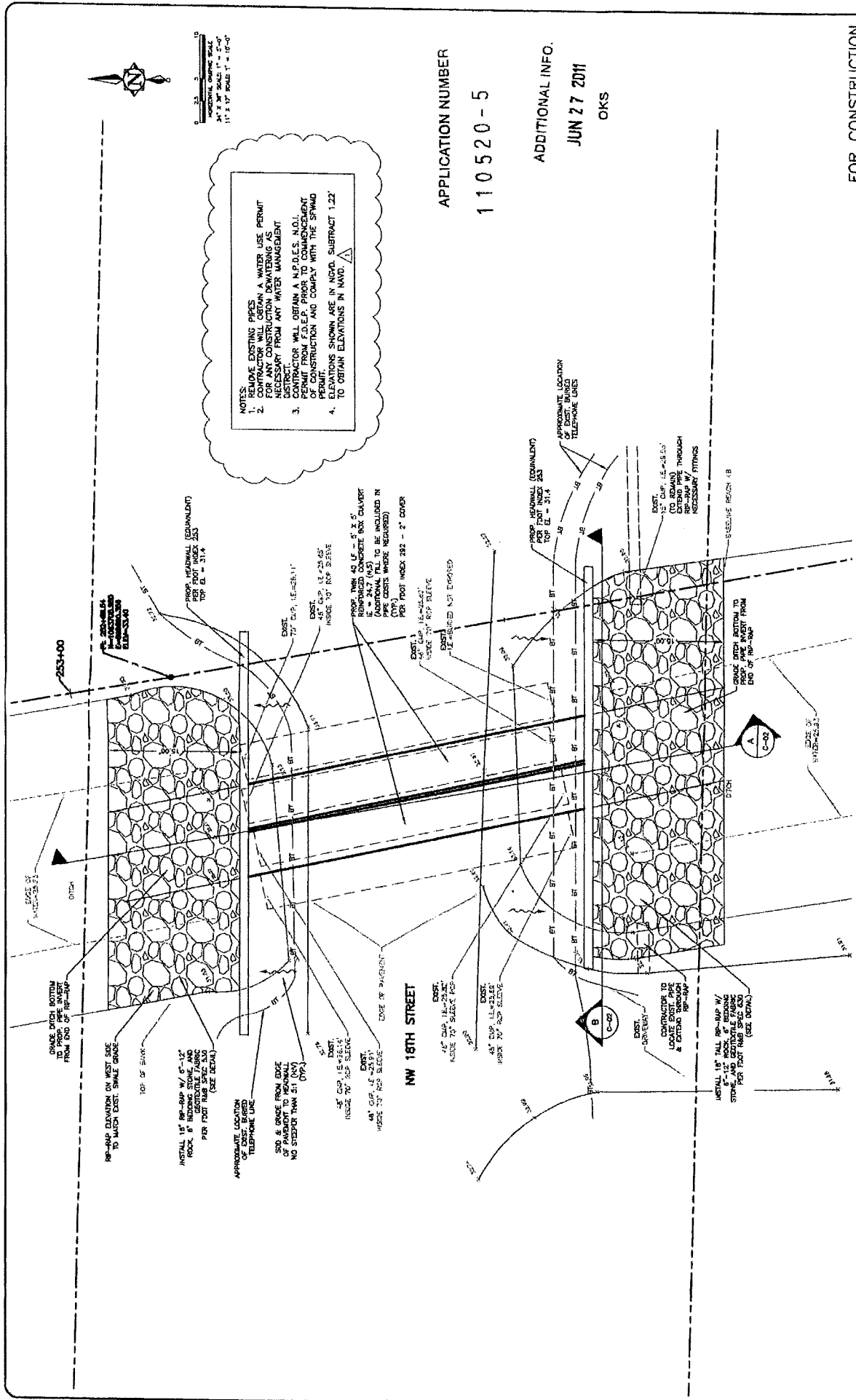
Date: 05/28/11

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Assigned:	UAG
Examined:	KUL
Checked:	SCS

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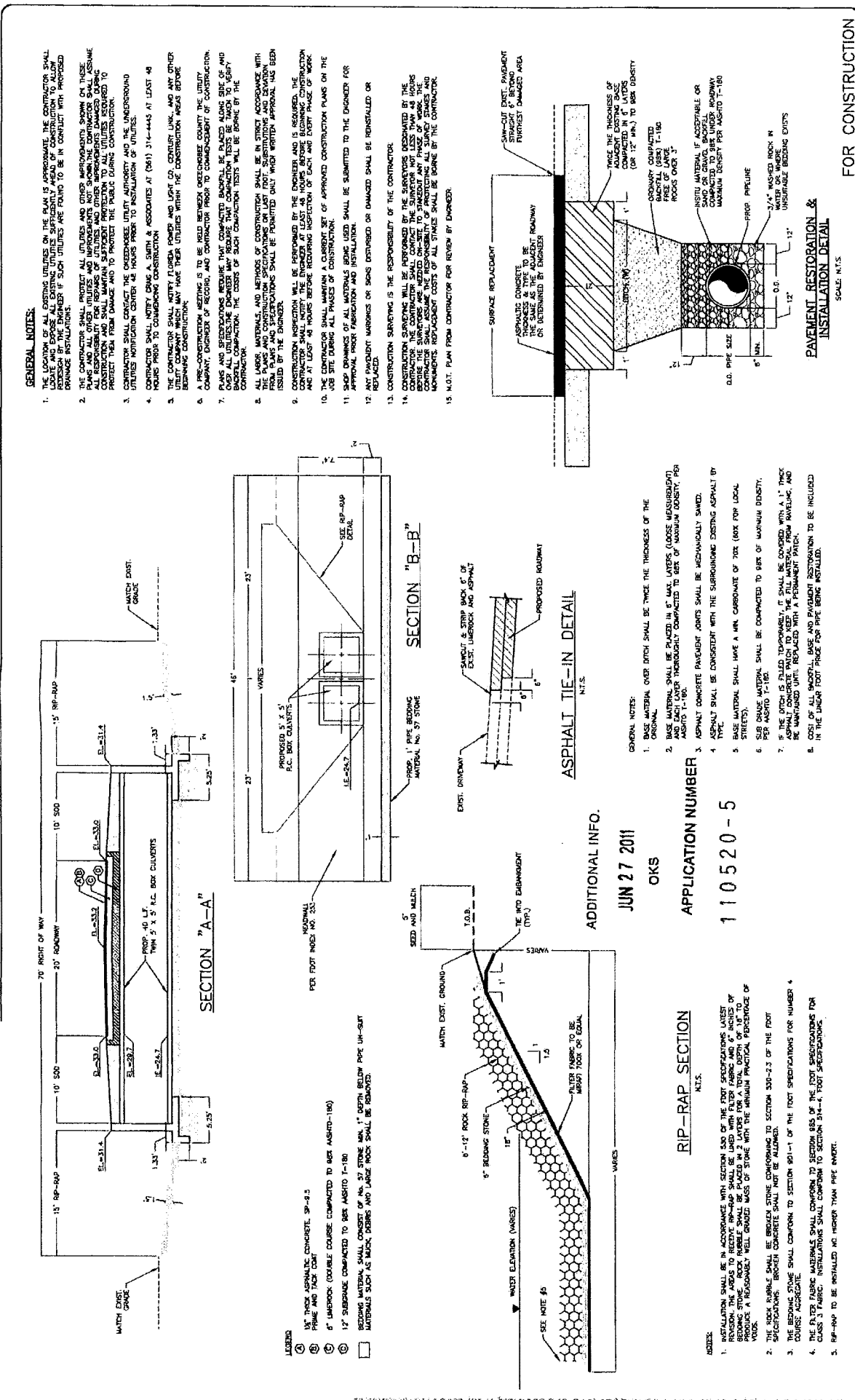
NOTES:
1. REMOVE EXISTING PIPES FOR ANY CONSTRUCTION DEVIATING AS A DISTRICT.
2. CONTRACTOR WILL OBTAIN A N.P.D.E.S. A.O.I. PERMIT FROM F.D.E.P. PRIOR TO COMMENCEMENT OF CONSTRUCTION AND COMPLY WITH THE SPREAD PERMIT.
3. ELEVATIONS SHOWN ARE IN MVD. SUBTRACT 1.22' TO OBTAIN ELEVATIONS IN M.A.S.
4. TO OBTAIN ELEVATIONS IN M.A.S.

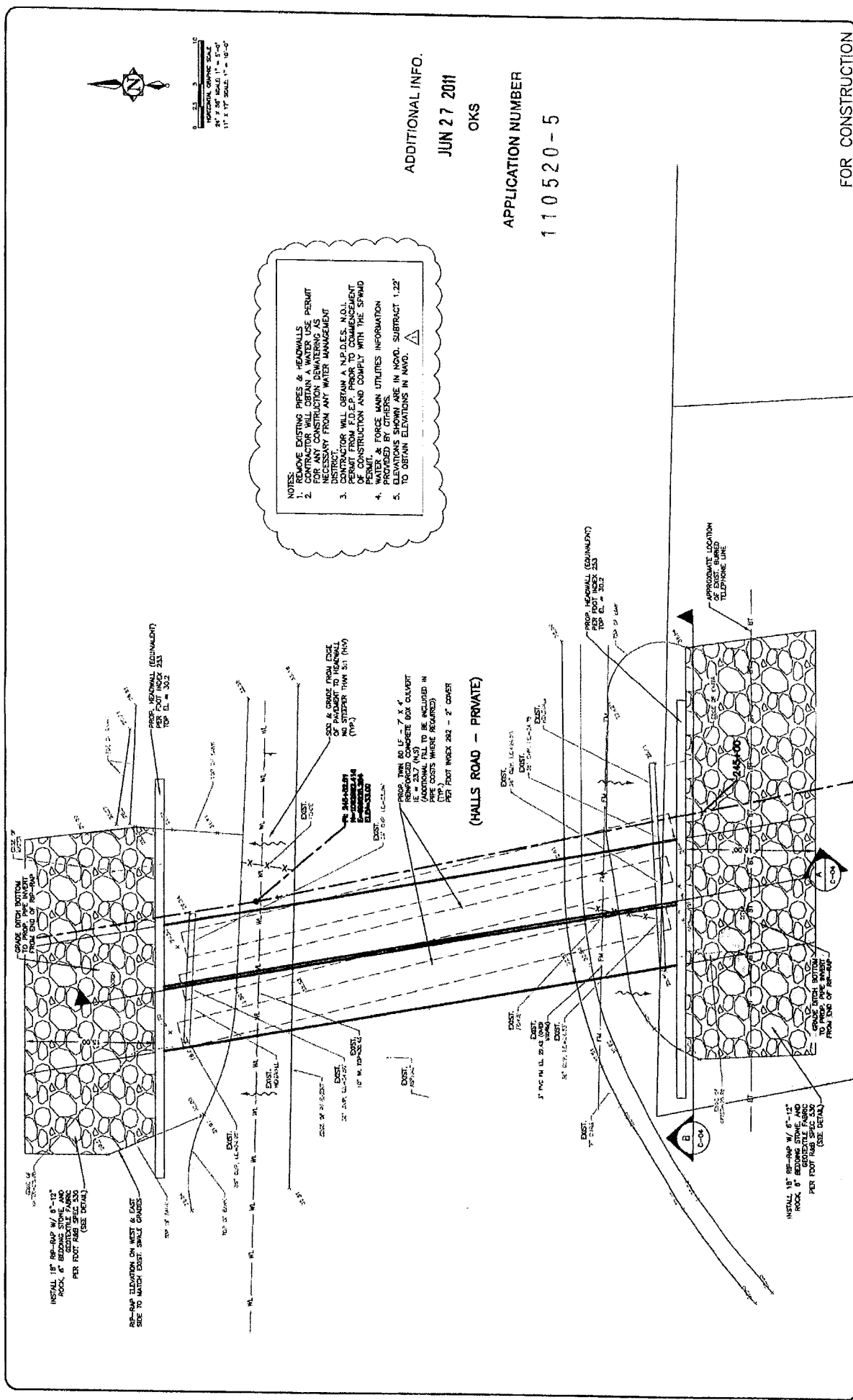
APPLICATION NUMBER
110520-5

ADDITIONAL INFO.
JUN 27 2011
OKS

FOR CONSTRUCTION

FILE NAME: 110520-5-01-CULV-110520-5	SHEET C-01
LAST SAVED: 06/27/11 - 8:50am	CAD PROJECT NUMBER 00-0903-192
CULVERT CROSSING	
PLAN AND PROFILE	
STA. 30+00 - 30+00	
PREPARED FOR OKEECHOBEE COUNTY OKEECHOBEE COUNTY, FL	
CRAIG A. SMITH & ASSOCIATES CONSULTING ENGINEERS-PLANNERS-ARCHITECTS 7701 W. STATE ROAD 301, SUITE 400 BOCA RATON, FL 33433 TEL: 561-993-1100 FAX: 561-993-1101 CORPORATE #1 00000000	
APPROVED BY: [Signature] DATE: 6/27/11	DATE: 6/27/11
DRW: 02001	CHK: 02001
DESIGNER: [Signature]	CHK: [Signature]
UNION: [Signature]	CHK: [Signature]
CREATOR: [Signature]	CHK: [Signature]
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- NOTES:
1. REMOVE EXISTING PILES & HEADWALLS. CONTRACTOR WILL OBTAIN A WATER USE PERMIT FOR ANY CONSTRUCTION DEMANDING AS NECESSARY FROM ANY WATER MANAGEMENT DISTRICT.
 2. CONTRACTOR WILL OBTAIN A N.D.E.S. M.O.I. PERMIT FROM F.D.E.P. PRIOR TO COMMENCEMENT OF CONSTRUCTION AND COMPLY WITH THE SPREAD PERMIT & FORCE MAIN UTILITIES INFORMATION PROVIDED BY OTHERS.
 3. ELEVATIONS SHOWN ARE IN MVD. SUBTRACT 1.22' TO OBTAIN ELEVATIONS IN MVD.

ADDITIONAL INFO.

JUN 27 2011

OKS

APPLICATION NUMBER

110520-5

FOR CONSTRUCTION

FILE NAME: 09-0003-C-03-CUT-HALLS
LAST DATE: 04/14/11 - 8:37am
C-03
00-0903-192

CULVERT CROSSING
HALLS ROAD

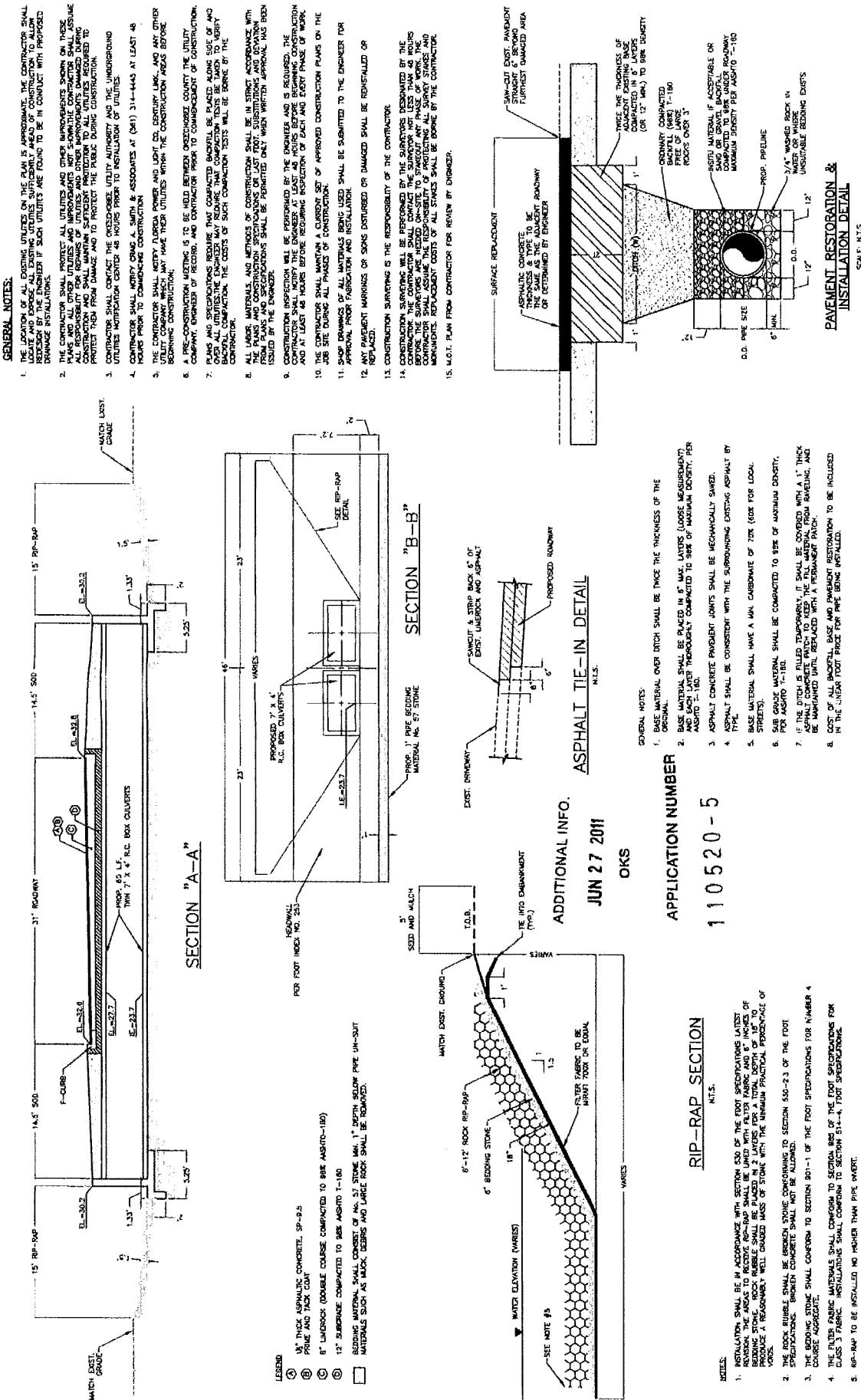
OKEECHOBEE COUNTY
OKEECHOBEE COUNTY, FL

CRAIG A. SMITH & ASSOCIATES
CONSULTING ENGINEERS-PLANNERS-SURVEYORS
7707 S.W. 11th Ave., Suite 200
Fort Lauderdale, FL 33304
CRAIG A. SMITH, P.E.
REGISTERED PROFESSIONAL ENGINEER NO. 44005

APPROVED: C. A. SMITH, P.E.
DATE: 6/23/11
FLORIDA PROFESSIONAL ENGINEER NO. 44005

DATE: 06/23/11
DESIGNED: C.A.S.
DRAWN: C.A.S.
CHECKED: C.A.S.

NO.	DATE	REVISION
1	06/27/11	SPREAD COMMENTS
2		



FOR CONSTRUCTION

FILE NAME: 08-0000-C-04-0115-09
LAST SAVED: 02/18/11 - 12:00pm

C-04

00-0903-192

CULVERT CROSSING

HALLS ROAD CULVERT

DETAIL SHEET

CRAIG A SMITH & ASSOCIATES

CONSULTING ENGINEERS

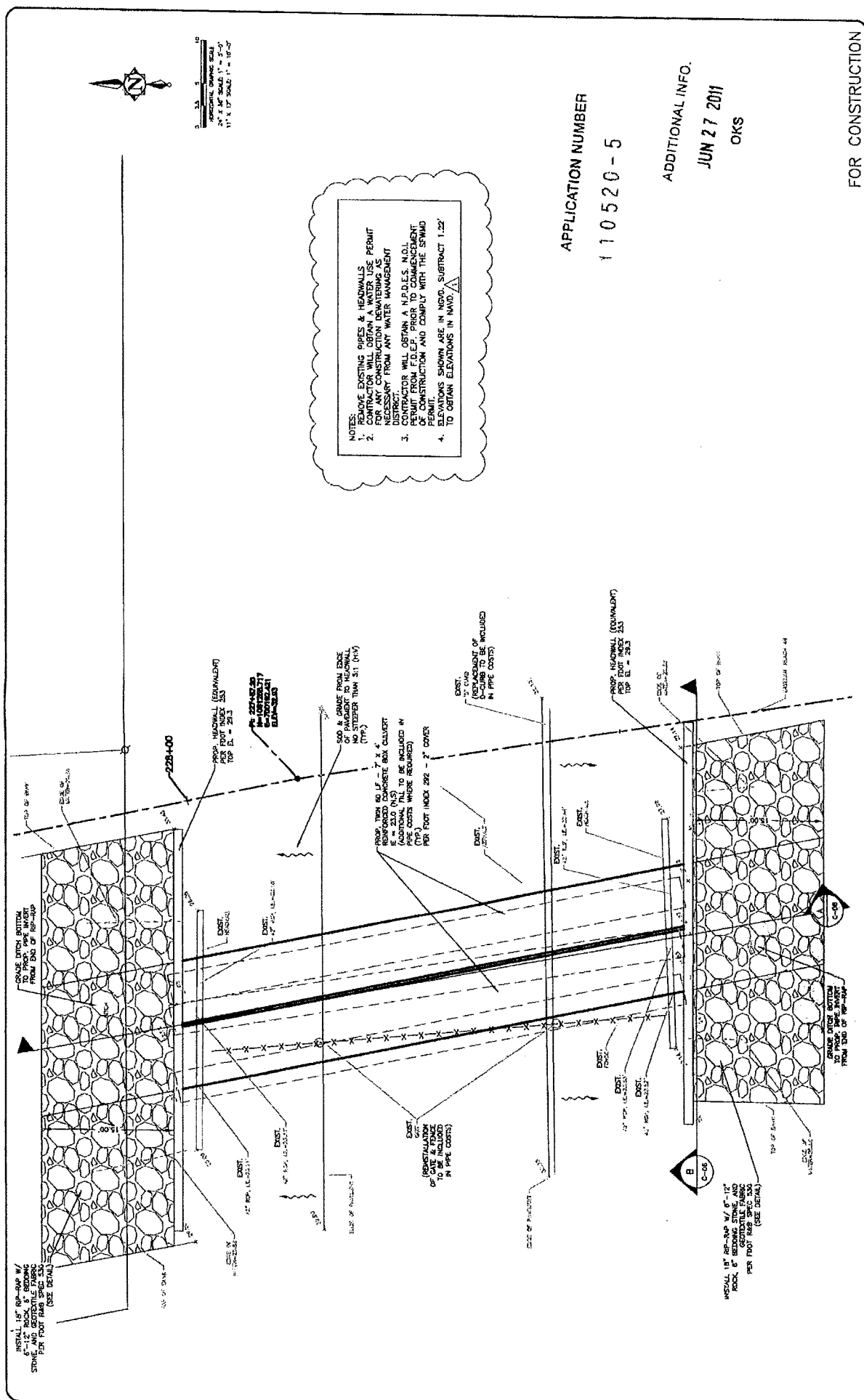
1777 S.W. 80th Ave., Suite 410
Miami, FL 33143
(305) 311-1100
CRAIG@CAS-FL.COM

APPROVED BY: CRAIG A. SMITH, P.E.

DATE: 6/23/11

FLORIDA PROFESSIONAL SEAL NO. 48892

NO.	DATE	REVISION
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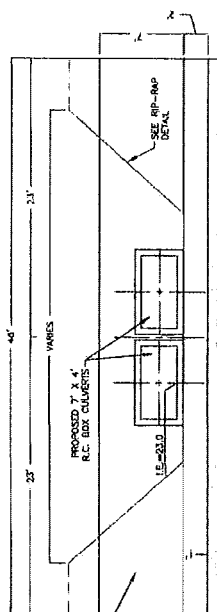
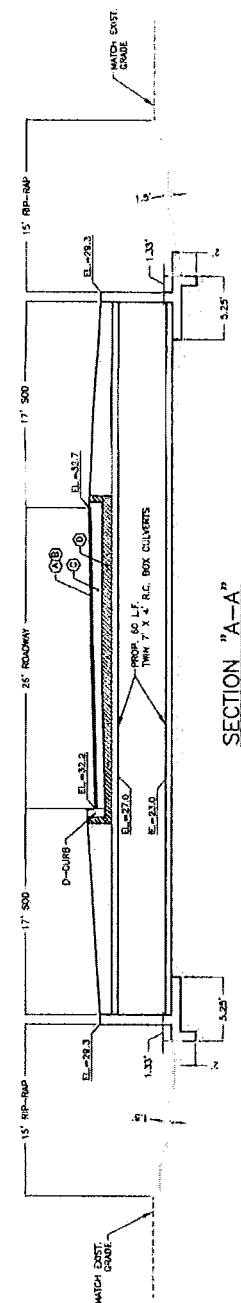


OKS

[illegible]

GENERAL NOTES:

1. THE LOCATION OF ALL EXISTING UTILITIES ON THE PLAN IS APPROXIMATE. THE CONTRACTOR SHALL LOCATE AND EXPOSE ALL EXISTING UTILITIES SUFFICIENTLY AHEAD OF CONSTRUCTION TO ALLOW PROTECTION BY THE ENGINEER IF SUCH UTILITIES ARE FOUND TO BE IN CONFLICT WITH PROPOSED CONSTRUCTION.
2. THE CONTRACTOR SHALL PROTECT ALL UTILITIES AND OTHER IMPROVEMENTS SHOWN ON THESE PLANS AND ALL OTHER UTILITIES AND IMPROVEMENTS NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRS OF UTILITIES AND OTHER IMPROVEMENTS DAMAGED DURING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING THE PUBLIC DURING CONSTRUCTION.
3. CONTRACTOR SHALL CONTACT THE OKEECHOBEE UTILITY AUTHORITY AND THE UNDERGROUND UTILITIES NOTIFICATION CENTER 48 HOURS PRIOR TO INSTALLATION OF UTILITIES.
4. CONTRACTOR SHALL NOTIFY CRAIG A. SMITH & ASSOCIATES AT (841) 311-4444 AT LEAST 48 HOURS PRIOR TO COMMENCING CONSTRUCTION.
5. THE CONTRACTOR SHALL NOTIFY FLORIDA POWER AND LIGHT CO. CENTURY LINK, AND ANY OTHER UTILITY COMPANY WHICH MAY HAVE THEIR UTILITIES WITHIN THE CONSTRUCTION AREAS BEFORE BEGINNING CONSTRUCTION.
6. A PRE-CONSTRUCTION MEETING IS TO BE HELD BETWEEN OKEECHOBEE COUNTY, THE UTILITY AUTHORITY, CHAIRMAN OF RECORD, AND CONTRACTOR PRIOR TO COMMENCEMENT OF CONSTRUCTION.
7. BACKFILL SHALL BE PLACED IN 6" MAX. LAYERS, LOOSELY COMPACTED TO 95% OF MAXIMUM DENSITY. ALL UTILITIES SHALL BE COVERED WITH A MINIMUM OF 12" OF BACKFILL. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND IMPROVEMENTS. THE COSTS OF SUCH CONSTRUCTION TESTS WILL BE BORNE BY THE CONTRACTOR.
8. ALL LABOR, MATERIALS AND METHODS OF CONSTRUCTION SHALL BE IN STRICT ACCORDANCE WITH THE SPECIFICATIONS OF THE OKEECHOBEE COUNTY STANDARD SPECIFICATIONS FOR ROADWAY CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM PLANS AND SPECIFICATIONS SHALL BE REVISIONS ONLY. ANY WRITTEN APPROVAL HAS BEEN ISSUED BY THE ENGINEER.
9. CONSTRUCTION INSPECTION WILL BE PERFORMED BY THE ENGINEER AND IS REQUIRED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ACCESS TO THE ROADWAY AND AT LEAST 48 HOURS BEFORE BEGINNING CONSTRUCTION OF EACH AND EVERY PHASE OF WORK.
10. THE CONTRACTOR SHALL MAINTAIN A CURBSET SET OF APPROVED CONSTRUCTION PLANS ON THE JOB SITE DURING ALL PHASES OF CONSTRUCTION.
11. SHOP DRAWINGS OF ALL MATERIALS BEING USED SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO FABRICATION AND INSTALLATION.
12. ANY PAVEMENT MARKINGS OR SIGNS DISTURBED OR DAMAGED SHALL BE REINSTALLED OR REPLACED.
13. CONSTRUCTION SURVEYING IS THE RESPONSIBILITY OF THE CONTRACTOR.
14. CONSTRUCTION SURVEYING WILL BE PERFORMED BY THE SURVEYORS DESIGNATED BY THE CONTRACTOR. THE CONTRACTOR SHALL CONTACT THE SURVEYOR NOT LESS THAN 48 HOURS BEFORE BEGINNING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND IMPROVEMENTS. THE COSTS OF SUCH CONSTRUCTION TESTS WILL BE BORNE BY THE CONTRACTOR.
15. M.O.T. PLAN FROM CONTRACTOR FOR REVIEW BY ENGINEER.



SECTION "B-B"

PROPOSED 7' X 4' R.C. BOX CULVERT

SEE RIP-RAP DETAIL

15' RIP-RAP

25' ROADWAY

17' 500'

6' x 4' R.C. BOX CULVERT

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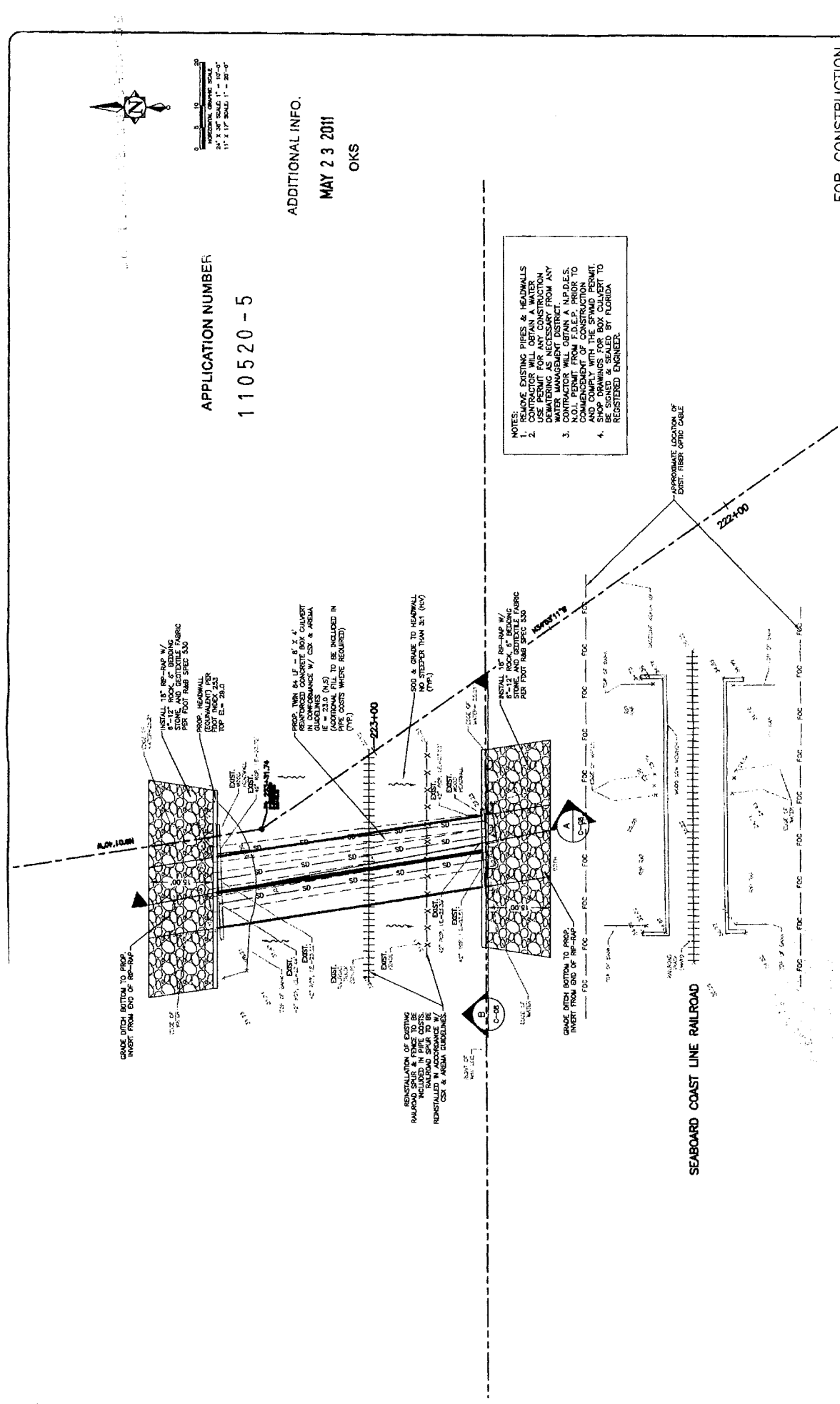
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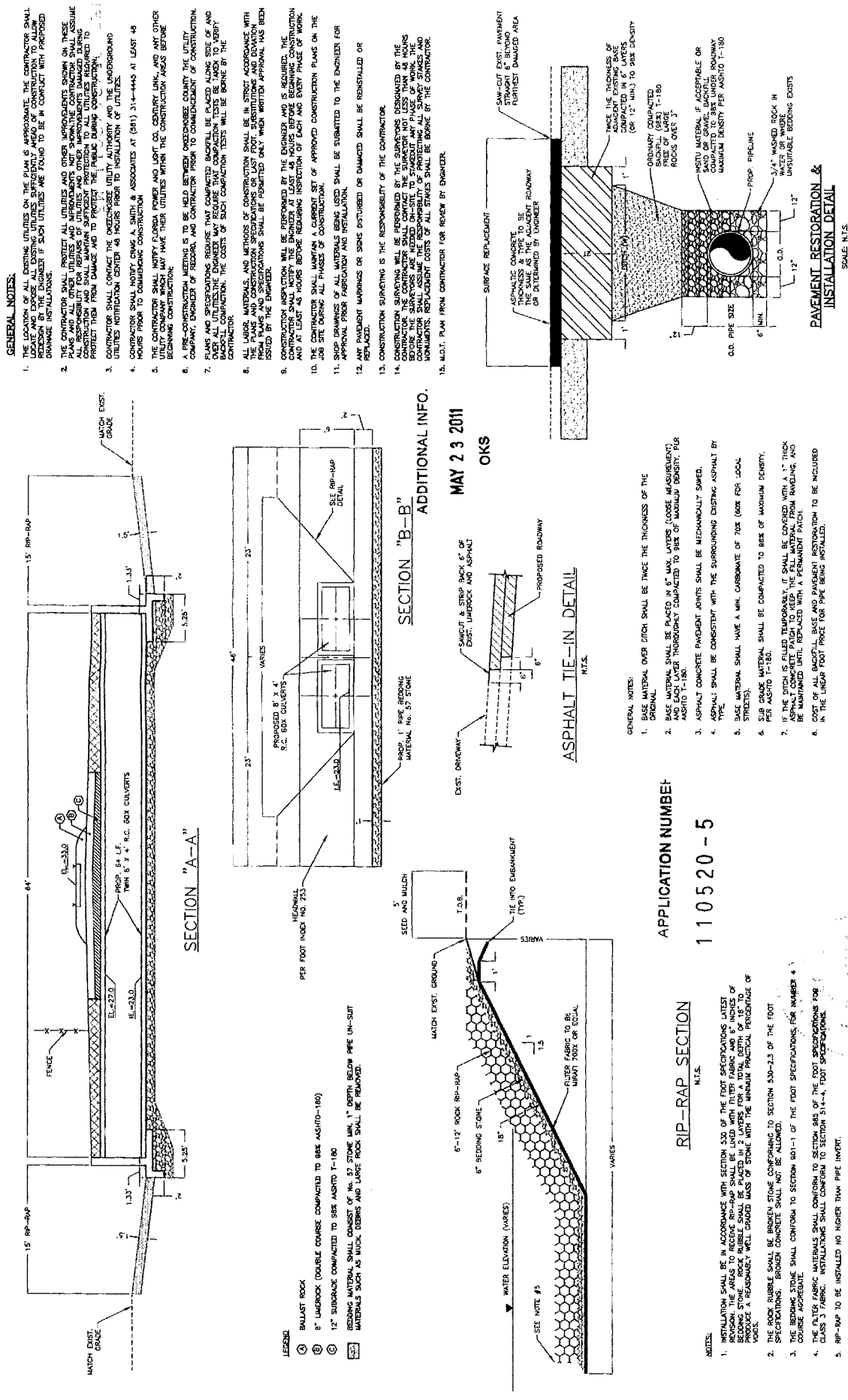
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3. CONTRACTOR WILL OBTAIN A N.P.D.E.S. N.O.I. PERMIT FROM F.D.E.P. PRIOR TO CONSTRUCTION OF THE SPUR.
4. SHOP DRAWINGS FOR BOX CULVERT TO BE SIGNED & SEALED BY FLORIDA REGISTERED ENGINEER.

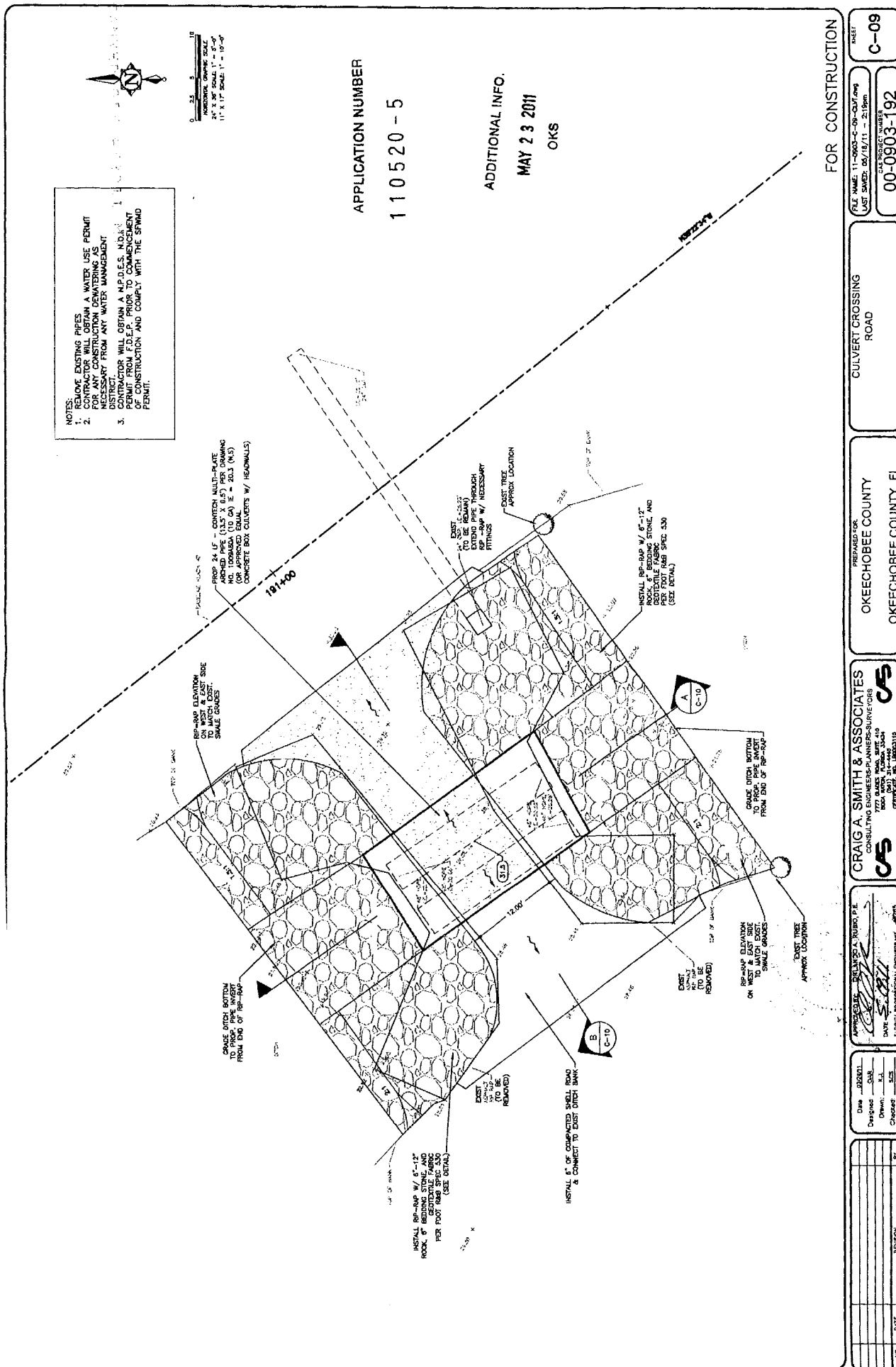
APPLICATION NUMBER
110520-5

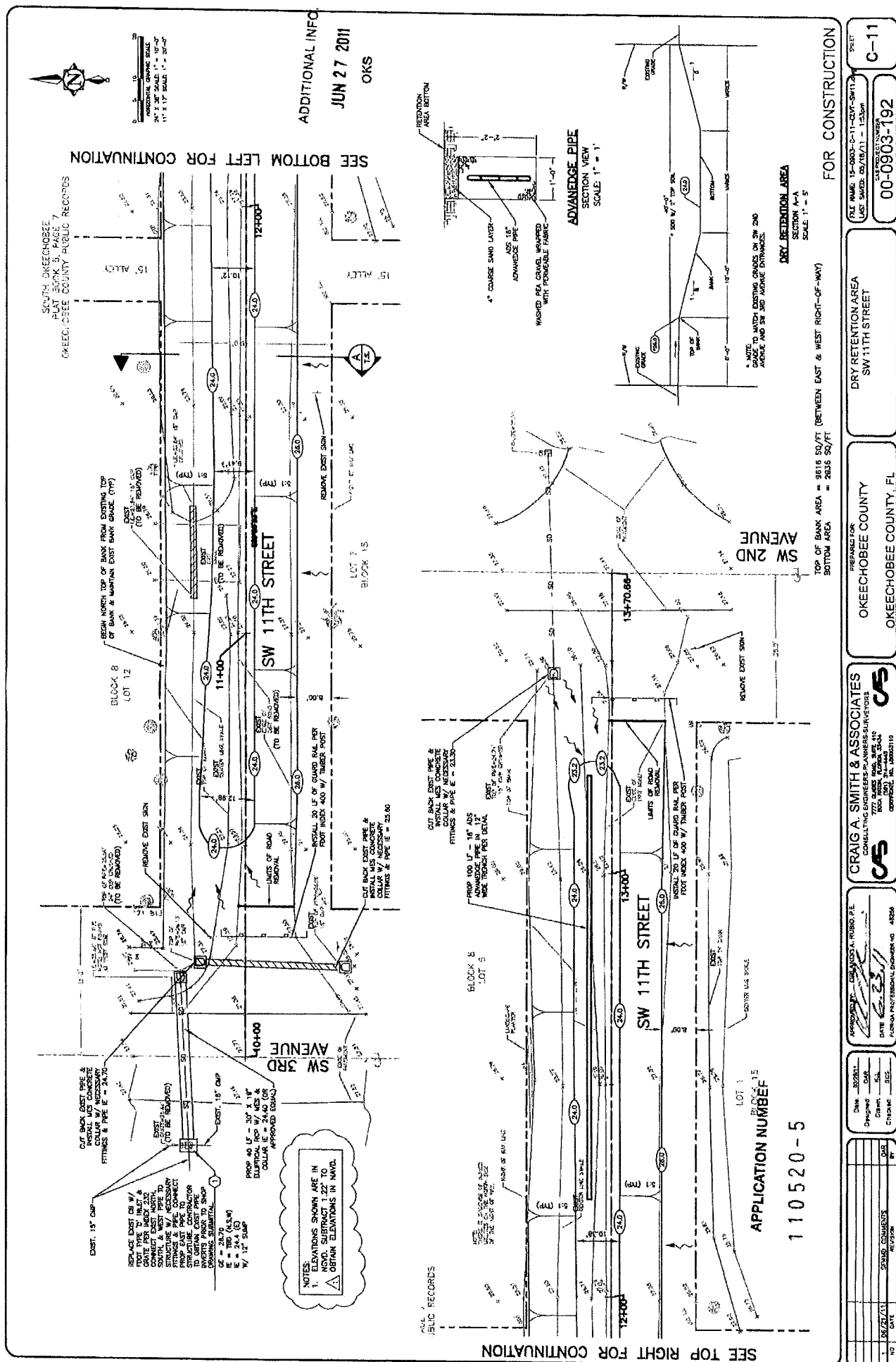
ADDITIONAL INFO.
MAY 23 2011
OKS

FOR CONSTRUCTION

NO	DATE	REVISION	BY	CRAIG A. SMITH & ASSOCIATES CONSULTING ENGINEERS/PLANNERS/SURVEYORS 7777 N. US HWY 1, SUITE 410 FORT LAUDERDALE, FL 33309 PHONE: 954.344.1111 FAX: 954.344.1112 CRAIG.A.SMITH@CSAS.COM	CRAIG A. SMITH & ASSOCIATES CONSULTING ENGINEERS/PLANNERS/SURVEYORS 7777 N. US HWY 1, SUITE 410 FORT LAUDERDALE, FL 33309 PHONE: 954.344.1111 FAX: 954.344.1112 CRAIG.A.SMITH@CSAS.COM	OKEECHOBEE COUNTY OKEECHOBEE COUNTY, FL	CULVERT CROSSING RAILROAD SPUR	FILE NAME: 00-0903-192-C-07-00-0000 LAST SAVED: 05/19/11 - 2:25pm C-07 00-0903-192







CRAIG A. SMITH & ASSOCIATES
REGISTERED PROFESSIONAL ENGINEER
770 GAIL ROAD, SUITE 100
BOCA RATON, FLORIDA 33433
CONFIDENTIAL NO. 10000310

APPROVED: *ANDREA A. RUBIO, P.E.*
DATE: 6-23-11
FLORIDA PROFESSIONAL ENGINEER NO. 45555

Drawn: *ANDREA A. RUBIO, P.E.*
Checked: *ANDREA A. RUBIO, P.E.*
Reviewed: *ANDREA A. RUBIO, P.E.*

NO.	DATE	REVISION
1	06/21/11	ISSUED FOR PERMIT
2		

PREPARED FOR:
OKEECHOBEE COUNTY
OKEECHOBEE COUNTY, FL

DRY RETENTION AREA
SW 11TH STREET

FILE NAME: 15-0003-011-CIV-SW11
LAST SAVE: 05/18/11 - 1:53pm
00-0903-192
C-11

FOR CONSTRUCTION

TOP OF BANK AREA = 3816 SQ/FT (BETWEEN EAST & WEST RIGHT-OF-WAY)
BOTTOM AREA = 2636 SQ/FT

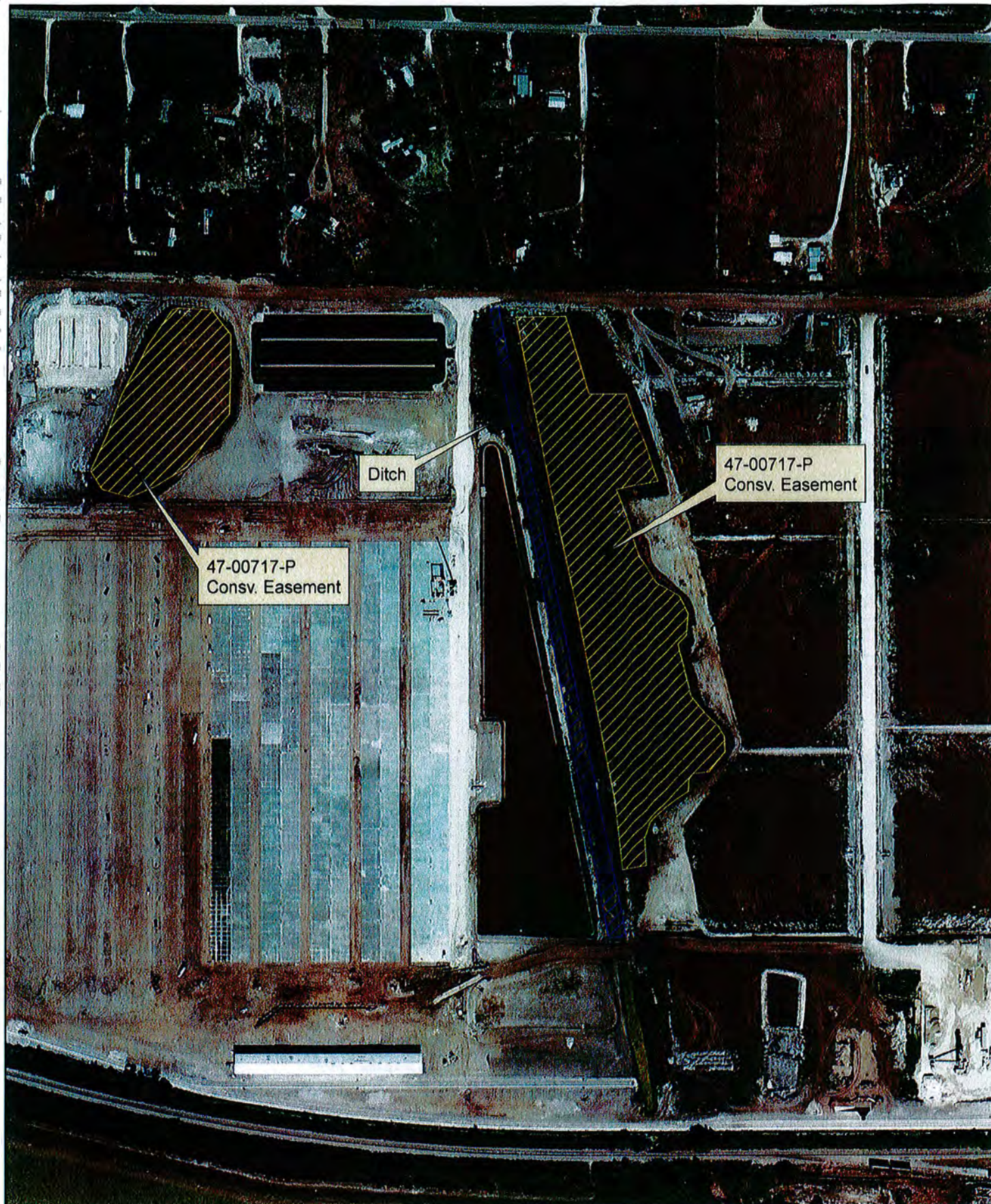
SECTION A-A
SCALE: 1" = 5'

APPLICATION NUMBER
110520-5

PROPOSED FACILITIES

The following table illustrates the location and culverts being replaced.

LOCATION	EXISTING	PROPOSED
NW 18 TH STREET	4 – 48" CMP INSERTED INSIDE 70" DIAMETER CULVERTS	TWIN 5' X 5' BOX CULVERT WITH HEADWALLS & RIP-RAP
RCC - HALLS ROAD	3 – 36" RCP	TWIN 7' X 4' BOX CULVERTS WITH HEADWALS & RIP-RAP
RCC (SOUTH OF HALLS ROAD)	3 – 42" RCP	TWIN 7' X 4' BOX CULVERTS WITH HEADWALS & RIP-RAP
RCC (RAILROAD SPUR)	3 – 42" RCP	TWIN 8' X 4' BOX CULVERTS WITH HEADWALS & RIP-RAP
VET – HOSPITAL (NORTH OF SR 70)	2 – 48" HDPE	1 – 13.5' X 9.5' MULTI-PLATE PIPE ARCHED



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OKEECHOBEE COUNTY 2008 DISASTER RECOVERY C D B G

Application No: 110520-5

Permit No: 47-01069-P

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- X Div of Recreation and Park - District 5 - Ernie Cowan, FDEP
- X Okeechobee County Engineer Okeechobee County Courthouse
- X Okeechobee County Property Appraiser - Bill Sherman

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