

## ADDENDUM #1

Wolf Branch Sink Drainage Improvements  
Project No. 2016-01  
Bid No. 16-0008

This addendum is being issued to make the following changes, corrections, clarifications and additions to the bidding document. The information in this addendum modifies and changes the original bidding documents and takes precedence over the original documents. **Receipt of this addendum shall be acknowledged by the bidder by signing and dating the appropriate line on page W-4 of the bid proposal.** Failure to acknowledge this addendum may preclude consideration of the bid proposal for award.

A mandatory pre-bid meeting for the referenced project was held at 9:00 a.m. on December 2, 2015, in the Lake County Emergency Operations Center conference room. The following were in attendance:

Name	Company	Phone Number	Email Address
Jeff Estep	Estep Construction	(407) 325-5998	<a href="mailto:jeff@estepconstruction.com">jeff@estepconstruction.com</a>
Kathryn Barnes	D.A.B. Constructors	(352) 447-5488	<a href="mailto:kathrynb@dabcon.com">kathrynb@dabcon.com</a>
Scott O'Neal	Ciraco Underground, Inc.	(352) 347-2035	<a href="mailto:soneal@ciracounderground.com">soneal@ciracounderground.com</a>
Greg Sutfin	Commercial Industrial	(352) 840-0161	<a href="mailto:jay@ciicl.com">jay@ciicl.com</a>
Reynolds Holiman	Villages Const. Inc.	(352) 314-3625	<a href="mailto:Vrcestimating@gmail.com">Vrcestimating@gmail.com</a>
Austin Harvey	Enviro-Tech Systems	(863) 634-3100	<a href="mailto:harveyab@enviro-tech.cc">harveyab@enviro-tech.cc</a>
Sally Gaines	Masci Corp.	(386) 322-4500	<a href="mailto:masciestimate@mascicg.com">masciestimate@mascicg.com</a>
Ricky Farring	Rainey Construction	(352) 748-0955	<a href="mailto:rfarring@raineyconstruction.com">rfarring@raineyconstruction.com</a>
Christina Tabor	CFE Corp.	(407) 834-6115	<a href="mailto:Ctabor75@aol.com">Ctabor75@aol.com</a>
Roosevelt Civil	Atlantic Civil Const.	(407) 277-8400	<a href="mailto:rcivil@atlantic-civil.com">rcivil@atlantic-civil.com</a>
Marlise Wellborn	Jordan Brothers	(407) 226-8840	<a href="mailto:info@jordancompanies.com">info@jordancompanies.com</a>
Jim Hennigar	Douglas N. Higgins, Inc.	(561) 469-1622	<a href="mailto:jimh@dnhiggins.com">jimh@dnhiggins.com</a>
Dale Mudrak	Gregori Cons.	(321) 438-1879	<a href="mailto:dmudrak@gregori-inc.com">dmudrak@gregori-inc.com</a>
Victoria Harris	Pospiech Contracting	(352) 726-3940	<a href="mailto:vharris@pospiechcontracting.com">vharris@pospiechcontracting.com</a>
David Borchert	Florida Safety	(352) 255-8429	<a href="mailto:estimating@floridasafetycontractors.com">estimating@floridasafetycontractors.com</a>
Dave Van	Boykin Construction	(352) 630-5728	<a href="mailto:dave@boykinconstruction.com">dave@boykinconstruction.com</a>
Joe Allen	Contech	(321) 377-0129	<a href="mailto:jdallen@conteches.com">jdallen@conteches.com</a>
Lori Koontz	Lake County Public Works	(352) 343-6439	<a href="mailto:lkoontz@lakecountyfl.gov">lkoontz@lakecountyfl.gov</a>
Nick Mcray	Lake County Public Works	(352) 253-9080	<a href="mailto:nmcray@lakecountyfl.gov">nmcray@lakecountyfl.gov</a>
Alan Kirkland	Lake County Public Works	(352) 253-6043	<a href="mailto:akirkland@lakecountyfl.gov">akirkland@lakecountyfl.gov</a>
Paul Erickson	Lake County Public Works	(352) 253-6021	<a href="mailto:perickson@lakecountyfl.gov">perickson@lakecountyfl.gov</a>
Terry Scott	Lake County Public Works	(352) 253-9024	<a href="mailto:jscott@lakecountyfl.gov">jscott@lakecountyfl.gov</a>
Jeff Johnson	Lake County Public Works	(352) 343-6439	<a href="mailto:jjohnson@lakecountyfl.gov">jjohnson@lakecountyfl.gov</a>
Heath McArdle	Lake County Public Works	(352) 253-9023	<a href="mailto:hmcardle@lakecountyfl.gov">hmcardle@lakecountyfl.gov</a>
Deb Marchese	Lake County Public Works	(353) 253-6007	<a href="mailto:dmarchese@lakecountyfl.gov">dmarchese@lakecountyfl.gov</a>

The Wolf Branch Sink Drainage Improvement project is a water quality project involving a section of Wolf Branch Road between Heather Street and Britt Road/Niles Road. Proposed improvements include

the installation of FDOT shoulder gutter and curb and gutter to convey runoff to stormwater inlets set along the edge of the roadway. Associated stormwater piping will be installed to direct waters to one of two stormwater treatment ponds to be constructed with the project. The project will include the rehabilitation of two existing concrete box culverts and weir wall along with resurfacing of Wolf Branch Road within project limits.

Work performed under this contract shall be based on a lump sum bid. Quantities, if shown in the construction plans, are estimated for bidding purposes only and shall be verified by the contractor.

Pay special attention to all notes shown in the construction plans.

Any fences to be relocated shall be moved to the right of way line. If there is an existing gate at a driveway, then match the width of the driveway to the width of the gate. Contractor shall coordinate any fence relocation with the property owner.

Contractor shall bid to construct all driveways with concrete to the right of way line.

Contractor shall video the project limits prior to beginning construction. The video shall be in DVD format and provided to Lake County before construction begins. Detail should be given to all existing fence lines, driveways, hedge lines, etc., to document existing conditions prior to construction.

Bid to sod all disturbed areas matching all existing grass types. Contractor shall be responsible for watering all sod until there is established growth.

All utilities shown in the construction plans to be relocated shall be the responsibility of the utility provider to relocate. Contractor is responsible for the coordination of all utility relocation.

Contractor shall provide two sets of redline as-builts upon completion of the project that show all structure locations, invert elevations, and pipe locations. The as-builts must be signed and sealed by a professional engineer or surveyor, licensed to do business in the State of Florida.

All millings shall remain the property of Lake County. The Contractor shall haul the millings to the Umatilla Maintenance Barn located at 19720 East Fifth Street, Umatilla, FL. Millings shall not be stockpiled on the project site.

### **Additional Items**

Sheet 13 of the construction plans shows open cut detail and calls for excavatable flowable fill. Contractor shall add a line item to the bid tabulation sheet for excavatable flowable fill. Excavatable flowable fill material shall meet mix design currently accepted by Lake County.

Contractor shall be aware there are areas of high ground water and continuous flow that could affect typical construction and dictate the use of non-typical means and methods.

Contractor shall pay special attention to Sheet 19 – Utility Adjustment Sheet concerning pole holds and trench boxes. The relocation of FGT gas lines shown on these plans has been completed; however, TECO facilities have not been relocated. Contractor shall coordinate with TECO for the relocation of their facilities.

Contractor shall be aware that the box culvert work will be done with continuous flow. This project is permitted as an Outstanding Florida Water Body. Special emphasis will be given to inspection of erosion control, pumping discharge, and water quality monitoring during construction.

Contractor shall pay special attention to the project limits. There are delineated wetlands surrounding this project. There shall be no clearing and grubbing outside project limits.

There will be some replacement sheets to the construction plans attached to Addendum #1 which will include the following:

Sheets 6 & 7 – 18” pipe depicted on plans is actually a 24” pipe.

Sheet 19 – Added tags for Duke Energy facilities.

Sheet 3 – Contact information for Duke Energy has been provided.

Following the pre-bid meeting two more sheets to the construction plans were revised as follows:

Sheet 14 – added missing inlet type for structure PA-6A

Sheet 20 - added note for power pole hold requirement for pole SES-63

Contractor shall add a line item for saw cutting the edge of pavement.

The Maintenance of Traffic plan depicted on Sheet MOT-1 is the minimally acceptable plan for proposed detouring of traffic. Additional signage for maintenance of traffic may be required depending on motorist behavior. Contractor shall bid to include two additional VMS boards from what is shown on the construction plans to be placed on US Highway 441 and Contractor shall be responsible to obtain FDOT approval for signs. If Contractor wants to propose anything different for the MOT plan, it will have to be prepared by an Engineer and approved by Lake County.

Lake County will accept up to a 30 day maximum road closure.

### **Questions asked at the Pre-Bid Meeting**

**Q1:** Since the County will only allow 30 days for road closure, will the County entertain working nights and weekends during that 30 days?

**A1:** Yes, the County would consider allowing work on nights and weekends during that 30 days.

**Q2:** Is the road closure for 30 consecutive days?

**A2:** Yes, the road closure is based on calendar days.

**Q3:** Are there advertising requirements for the road closure?

**A3:** Yes, the construction plans require 14 days notification with the VMS boards. The County will issue a press release, but the contractor will be responsible to notify all agencies as appropriate.

**Q4:** On page A-6 of the bid document it references reimbursement of permit fees. Does that apply to the stormwater permit?

**A4:** Line item 44 on Page W-4 of the bidding document states "NPDES Permit".

**Q5:** Regarding undercutting the ponds, is that because of clay? Is it ok to use the removed material in the berms around the ponds or does it have to be hauled away?

**A5:** See Section 6.2 (page 15) of the Geotechnical Report prepared by Devo Engineering and included in the Bid Document addresses the Pond Berm Stability and Fill Recommendations.

**Q6:** On Sheet 11 there is a requirement to test the media – what media is to be tested?

**A6:** Contractor shall test the sand being used in the pond bottoms. The sand must meet permeability requirements.

**Q7:** What is the number of days to complete this project?

**A7:** Contractor shall bid the number of days to complete the project.

**Q8:** When is the project going to be awarded by the Board?

**A8:** It is anticipated that the project will be awarded mid-January 2016.

**Q9:** Is Lake County anticipating the project being completed in the next dry season? Finish the project in the summer?

**A9:** Contractor shall provide their number of days to complete this project in their bid and County anticipates issuing Notice to Proceed as soon as possible after the project is awarded by the Board of County Commissioners.

**Q10:** Are there existing gate valves in the box culverts?

**A10:** No, the water is flowing over the weir and the current gate valves are inoperable.

**Q11:** Are you making huge design changes to the box culverts or just bringing it back to what it once was?

**A11:** Contractor shall bid to rehabilitate the current box culverts and add weir walls, per approved construction plans.

**Q12:** Can the sign in sheet be sent with the addendum?

**A12:** Yes, the sign in sheet is attached to Addendum #1.

**Questions Via E-Mail:**

**Q13:** There is no bid item for the Gravity Wall. Please advise

**A13:** There are blank spaces provided on Sheet W-5. Contractor shall add a line item for Gravity Wall.



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Heath McArdle, Construction Inspector II

12/08/15

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Date

**Pre-Bid Meeting  
 Wolf Branch Sink Drainage Improvements  
 Project No. 2016-01, Bid Number 16-0008**

**December 2, 2015 @ 9:00 a.m., Emergency Operations Center, 425 West Alfred Street, Tavares**

Name (Please Print)	Representing	Street Address	City/State/Zip	Phone Number	Email Address
Austin Harvey	Enviro-Tech Systems	2301 S. Parrott Ave	Okeechobee, FL 34909	863-634-3100	HarveyAB@enviro-tech.cc
Sally Gaines	Masci Corp	57525 Pidgeonwood Ave	Port Orange, FL 32127	(386) 322-4500	masciestimate@masci.co
Ricky Farring	Rainey Construction	4477 E. Cr <sup>462</sup>	Wildwood, FL	352-748-0955	rfarring@raineyconstruction.com
CHRISTINA TABOR	CPE CORP	910 Beile Ave Ste 1040	Winter Springs, FL	407-834-6115	ctabor75@aol.com
Roosevelt Civil	Atlantic Civil Cons	7575 Kingspointe <sup>12th St</sup>	Orlando, FL 32819	407-277-8410	Rcivil@atlantic-civil.com
Marlise Wellborn	Jordan Bros	7575 Kingspointe Pkwy # 7	Orlando 32819	407-226-8840	info@jordancompanies.com
Jim Hennique	Douglas W. Higgins Inc	4358 Okeechobee Blvd Royal Palm Beach	33411	561 469 1622	jimh@dwhiggins.com
Terry Scott	Lake County				
Jeff Johnson	Lake County				
Dale Mudrak	Gregory Con	3116 Ray Ln	Mims, FL	321-438-1879	Dmudrak@gregory-inc.com
Victoria Harris	Pospiech Contracting	201 S Popko Ave	Inverness, FL 34452	352-726-3940	vharris@pospiechcontracting.com
LORI KOONTZ	UCPW			352-343-6439	lkoontz@lakecountyfl.gov
DAVID BORCHERT	FLORIDA SAFETY		TAMPA FL	352-255-8929	ESTIMATING @ FLORIDA SAFETY CONTRACTORS. COM
DAVE VAN	Boykin Cons	116 W Center St	Mandeville, FL	352-630-5700	Dave@Boykinconstruction.com
Joe Allen	CONTECH	8015 Commodore Ct	Orlando, FL	321-377-0129	JDAllen@conteches.com



**GENERAL NOTES**

- A. ALL MATERIALS, INSTALLATION, TESTING, AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF LAKE COUNTY, FLORIDA AND THE F.D.O.T. STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, 2013 (OR LATEST) EDITION AND F.D.O.T. DESIGN STANDARDS, LATEST EDITION UNLESS SPECIFICALLY NOTED OTHERWISE.
- B. ALL PROPOSED ELEVATIONS ARE SHOWN WITH A BORDER (I.e.: XXXX). ALL OTHER SPOT ELEVATIONS SHOWN ARE EXISTING NAVD 1988 DATUM.
- C. PAVEMENT SHALL MEAN ALL ASPHALT AND BASE ASSOCIATED WITH A DRIVING SURFACE AS SHOWN ON THE CONSTRUCTION PLANS.
- D. PAVEMENT REMOVAL SHALL BE REQUIRED ON ALL SIDE STREETS AND DRIVEWAYS THAT ARE WITHIN THE LIMITS OF THE PROPOSED EDGE OF PAVEMENT OF COUNTY ROAD, AND CONSTRUCTED PER THE CROSS SECTION SHOWN ON THE CONSTRUCTION PLANS MATCHING EXISTING WIDTH AND ELEVATION UNLESS OTHERWISE NOTED.
- E. A CONSTANT SLOPE SHALL BE MAINTAINED BETWEEN DESIGNATED AREAS OF CUT AND FILL.
- F. ALL FILL EXCLUDING SUB GRADE AND/OR SUBBASE PLACED WITHIN PROPOSED ROAD RIGHT-OF-WAY OR EASEMENT SHALL BE COMPACTED AS FOLLOWS:  
  
ROADWAY (BEYOND THE STABILIZED SHOULDER) 98% MAXIMUM DENSITY, AASHTO T-190.  
  
ROADWAY AREAS (UNDER PAVEMENT AND STABILIZED SHOULDERS) 98% MAXIMUM DENSITY, AASHTO T-190. TWELVE (12") INCHES TYPE B STABILIZATION, MINIMUM 40 LBR SHALL BE REQUIRED.  
  
FILL VOLUMES SHOWN DO NOT HAVE A COMPACTION MULTIPLIER FACTORED. THE CONTRACTOR SHALL DETERMINE A COMPACTION FACTOR AND APPLY IT FOR FINAL FILL PLACEMENT VOLUMES. FOR SUBGRADE AND/OR SUBBASE REQUIREMENTS, PLEASE REFER TO SPECIFIC CROSS SECTION.
- G. UNLESS NOTED OTHERWISE, THE ESTABLISHED CLEAR ZONE IS EIGHTEEN (18) FEET FROM NEW EDGE OF TRAVEL WAY. ALL ABOVE GROUND STRUCTURES SUCH AS MAIL BOXES, TRAFFIC CONTROL SIGNS, STREET SIGNS, FENCES, ETC., ARE TO BE REMOVED AND REPLACED OUTSIDE OF THE CLEAR ZONE. THE CONTRACTOR IS RESPONSIBLE FOR THE COORDINATION OF REMOVAL AND REPLACEMENT OF THESE STRUCTURES. DAILY ACCESS TO MAILBOXES SHALL BE MAINTAINED. ALL FENCES ARE TO BE RELOCATED TO THE RIGHT-OF-WAY LINE. THE DIRECTOR OF ENGINEERING MAY WAIVE SOME OF THESE REQUIREMENTS, IF NECESSARY.
- H. ALL WORK SHALL BE PERFORMED IN SUCH A MANNER THAT WILL SUCCESSFULLY ACCOMPLISH THE INTENDED DESIGN WITH MINIMAL IMPACT TO EXISTING CONDITIONS. ANY CONSTRUCTION ACTIVITY PERFORMED WITHOUT PRIOR WRITTEN APPROVAL FROM THE DIRECTOR OF ENGINEERING THAT IS DEEMED EXCESSIVELY DISRUPTIVE TO EXISTING CONDITIONS OF THE SURROUNDING AREA AND/OR SIGNIFICANTLY DEVIATES FROM THE LIMITS OF CONSTRUCTION AS SET FORTH BY THESE CONSTRUCTION PLANS SHALL BE CONSIDERED AS PART OF THE ORIGINAL WORK AND NO ADDITIONAL COMPENSATION SHALL BE GIVEN TO RESTORE THE DISTURBED AREA(S).
- I. APPARENT ERRORS, DISCREPANCIES OR OMISSIONS SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION WITHIN A REASONABLE TIME FRAME, LESS THAN 48 HOURS AFTER DISCOVERED. ADVANTAGE WILL NOT BE TAKEN OF APPARENT ERROR OR OMISSION IN THE DRAWINGS OR SPECIFICATIONS, AND THE ENGINEER SHALL BE PERMITTED TO MAKE CORRECTIONS AND INTERPRETATIONS AS MAY BE DEEMED NECESSARY FOR FULFILLMENT OF THE INTENT OF THE DESIGN.
- J. CONTRACTOR SHALL VERIFY ALL EXISTING ROADWAY CROSS-SLOPES.

**PUBLIC NOTIFICATION**

- A. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL PROVIDE WRITTEN NOTICE TO ALL RESIDENCES ADJACENT TO THE PROJECT LIMITS. WITHIN A MINIMUM OF 14 CALENDAR DAYS PRIOR TO CONSTRUCTION, CONTRACTOR SHALL PROVIDE TO THE COUNTY A COPY OF THE NOTIFICATION WITH A LIST OF THE PARTIES CONTACTED. THIS NOTICE SHALL INCLUDE, AT A MINIMUM, THE ANTICIPATED CONSTRUCTION SCHEDULE, MAINTENANCE OF TRAFFIC PLAN AND ANY IMPACTS, PERMANENT OR TEMPORARY, TO THE SUBJECT RESIDENCE AND ITS ADJACENT AREA. CONTRACTOR SHALL PROVIDE CONTACT INFO INCLUDING NAME OF PROJECT MANAGER AND TELEPHONE NUMBER.
- B. CONTRACTOR SHALL ALSO INSTALL PORTABLE CHANGEABLE (VARIABLE) MESSAGE SIGNS (PCMS, F.D.O.T. INDEX 670) ON COUNTY ROAD IF IMPACTED BY CONSTRUCTION, ONE (1) WEEK PRIOR TO CONSTRUCTION IN ORDER TO INFORM RESIDENTS AND ROADWAY USERS OF THE IMPENDING CONSTRUCTION. THE PCMS SHALL DISPLAY LANE CLOSURE INFORMATION INCLUDING BUT NOT LIMITED TO ANTICIPATED LANES TO BE CLOSED, EXTENT OF LANE CLOSURE (E.G. "NEXT 3 MILES"), DAILY HOURS OF CLOSURE, AND TEMPORARY SPEED RESTRICTIONS.

**STRIPING & SIGNING**

- A. ALL STRIPING SHALL BE LEAD AND SOLVENT FREE THERMOPLASTIC, UNLESS NOTED OTHERWISE.
- B. STRIPING SHALL CONFORM TO M.U.T.C.D., LATEST EDITION, F.D.O.T., AND LAKE COUNTY SPECIFICATIONS. WHERE THE SPECIFICATIONS CONFLICT, THE MAXIMUM REQUIREMENTS SHALL APPLY UNLESS OTHERWISE DIRECTED BY THE DIRECTOR OF ENGINEERING.
- C. STRIPING SHALL BE REFLECTORIZED.
- D. ALL CENTERLINE STRIPING SHALL HAVE REFLECTIVE RAISED PAVEMENT MARKINGS (RPM'S) PER F.D.O.T. STANDARDS INDEX 17352, UNLESS NOTED OTHERWISE.
- E. ALL TRAFFIC CONTROL SIGNS THAT ARE DISTURBED SHALL BE REPLACED.
- F. ALL STRIPING, SIGNING, AND SIGNAL WORK SHALL BE COORDINATED WITH LAKE COUNTY TRAFFIC OPERATIONS. CONTRACTOR SHALL NOTIFY LAKE COUNTY TRAFFIC OPERATIONS (352) 742-1766 AT LEAST 48 HOURS PRIOR TO THE COMMENCEMENT OF ANY STRIPING, SIGNING, OR SIGNAL WORK.

**STRIPING & SIGNING (CONT.)**

- G. ALL PAVEMENT MARKING WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE LATEST EDITION OF THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARDS INCLUDING BUT NOT LIMITED TO "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, DESIGN STANDARDS" AND THE LATEST EDITION OF THE "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES."
- H. THE CONTRACTOR SHALL SELF INSPECT ALL ROAD MARKINGS USING THE JAN 28, 2011 FLORIDA METHOD OF TEST FOR TRAFFIC STRIPING RETRO REFLECTIVITY DESIGNATION: FM 5-541 OR THE LATEST EDITIONS NOW IN FORCE OR HEREAFTER ADOPTED; TO TEST AND CERTIFY WIDTH, THICKNESS, COLOR AND RETRO REFLECTIVITY. THE RESULTS SHALL BE SUBMITTED TO THE COUNTY BY THE CONTRACTOR, AND COUNTY RESERVES THE RIGHT TO VERIFY ALL TEST RESULTS. THE COUNTY'S TEST SHALL BE FINAL AND BINDING.
- I. ALL SIGNS AND SIGNAL EQUIPMENT TO BE REMOVED ARE THE PROPERTY OF LAKE COUNTY. THESE ITEMS SHALL BE RETURNED TO LAKE COUNTY TRAFFIC OPERATIONS OR DISPOSED OF BY THE CONTRACTOR AT LAKE COUNTY TRAFFIC OPERATIONS' DISCRETION.
- J. ALL MATERIALS AND HARDWARE SHALL BE F.D.O.T. APPROVED AND PRE-APPROVED BY LAKE COUNTY TRAFFIC OPERATIONS PRIOR TO INSTALLATION.

**EROSION AND SEDIMENT CONTROL**

- A. ALL INLETS, MITERED END SECTIONS, AND END WALLS SHALL BE PROTECTED AS PER F.D.O.T. DESIGN STANDARDS INDEX NO. 102 (2010 EDITION) AND AS SHOWN ON THE CONSTRUCTION PLANS.
- B. LOCATIONS OF EROSION CONTROL MEASURES, SUCH AS STAKED TURBIDITY BARRIERS AND SILT FENCES, ARE SUMMARIZED ON THE PLAN/PROFILE SHEETS. SEE F.D.O.T. DESIGN STANDARDS INDEX NO. 102 (2010 EDITION) FOR INSTALLATION.
- C. SOIL TRACKING PREVENTION DEVICES SHALL BE CONSTRUCTED AS PER F.D.O.T. DESIGN STANDARDS INDEX NO. 102 (2010 EDITION) AT POINTS OF EGRESS FROM UNSTABILIZED AREAS OF THE PROJECT TO ROADS WHERE OFF SITE TRACKING OF MATERIAL COULD OCCUR.
- D. SOD SHALL BE PLACED IMMEDIATELY AROUND NEW MITERED END SECTIONS AND AREAS SUBJECT TO EROSION TO F.D.O.T. SPECIFICATIONS.
- E. ALL DISTURBED AREAS SHALL BE SODED, UNLESS OTHERWISE NOTED. CONTRACTOR IS RESPONSIBLE FOR WATERING AND MAINTAINING SOD UNTIL FULLY ESTABLISHED AND AS ADDITIONALLY SHOWN ON THE CONSTRUCTION PLANS, REFER TO PDOT DESIGN INDEX 104 & 105.
- F. SOD SHALL BE REPLACED WITH ORIGINAL TYPE ON ALL RESIDENTIAL LOTS AND AS SHOWN ON PLANS.
- G. CONTRACTOR SHALL DE-SILT ALL DRAINS, PIPES AND SWALES WITHIN PROJECT BOUNDARY AT COMPLETION OF CONSTRUCTION.
- H. THE CONTRACTOR SHALL OBTAIN AN NPDES STORMWATER PERMIT PRIOR TO CONSTRUCTION.
- I. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE IN WRITING A STORM WATER POLLUTION PREVENTION PLAN (SWPPP) TO THE COUNTY FOR APPROVAL PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITIES.
- J. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE PLACED PRIOR TO OR AS THE FIRST STEP IN CONSTRUCTION AND ARE THE MINIMUM REQUIRED. ADDITIONAL CONTROLS SHALL BE FURNISHED AS NEEDED AT NO ADDITIONAL COST. MATERIALS FROM WORK ON THESE PROJECTS SHALL BE CONTAINED AND NOT ALLOWED TO COLLECT ON ANY OFF PERMETER AREAS OR IN WATERWAYS. SILT FENCES, TURBIDITY BARRIERS, AND OTHER ESSENTIAL EROSION CONTROL MEASURES MUST REMAIN IN PLACE AND IN GOOD CONDITION AT ALL LOCATIONS IN THE CONSTRUCTION PLANS OR AS REQUIRED UNTIL SOILS ARE STABILIZED, VEGETATION HAS BEEN ESTABLISHED AND THE CONTRACT IS COMPLETE. MEASURES SHOWN ARE THE MINIMUM REQUIRED, AND THE CONTRACTOR SHALL ENSURE THAT THERE IS NO DIRECT OR INDIRECT DISCHARGE OF CONSTRUCTION MATERIALS INTO OFF SITE AREAS OR WATERWAYS ETC.. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED AT THE COMPLETION OF CONSTRUCTION.
- K. PEGGED SOD SHALL BE PLACED ON ALL SLOPES 3:1 OR STEEPER.

**UTILITIES**

- A. THE UTILITIES SHOWN IN THE CONSTRUCTION PLANS MAY NOT BE ALL OF THE UTILITIES ON SITE. UNLESS OTHERWISE NOTED, THE LOCATION OF UTILITIES SHOWN IN THE PLANS ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY. CALL SUNSHINE STATE 1-CALL OF FLORIDA, INC. @ 1-800-432-4770 TO CONFIRM UTILITY LOCATIONS.
- B. CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ALL UTILITIES PRIOR TO CONSTRUCTION AND COORDINATING UTILITY RELOCATION WITH THE PROJECT CONSTRUCTION.

**UTILITIES CONTACTS:**

FLORIDA GAS TRANSMISSION CO.-ORLANDO

JOSEPH E. SANCHEZ  
PHONE: 407-838-7171  
2405 LUCIEN WAY, SUITE 200  
MAITLAND, FL 32751

TECO PEOPLE GAS-EUSTIS

BRUCE STOUT  
PHONE: 407-420-2678  
1724 KURT ST  
EUSTIS, FL 32726

COMCAST CALBEVISION

WADE MATTHEWS  
PHONE: 352-516-3824  
8130 CR 44 LEG A  
LEESBURG, FL 34788

CENTURLINK

WADE RICH  
PHONE: 407-814-5383  
33 N. MAIN ST.  
WINTER GARDEN, FL 34787

DUKE ENERGY TRANSMISSION

JENNY WILLIAMS  
PHONE: 813-909-1210  
EMAIL: JEWILLIAM@UCSENG.COM  
20525 AMBERFIELD DRIVE  
LAND O LAKES, FL 34638

CITY OF MOUNT DORA FIBER UTILITY

PAUL LAHR  
PHONE: 352-735-7151 Ext: 1823  
1250 N HIGHLAND ST  
MOUNT DORA, FL 32757

SUMTER ELECTRIC COOPERATIVE, INC.

ALAN KIMBERLY  
PHONE: 352-569-9644  
330 S. US HWY. 301  
SUMTERVILLE, FL 33585

**TREES AND LANDSCAPING**

- A. ALL TREES ARE TO REMAIN UNLESS OTHERWISE NOTED IN THE PLANS.
- B. CONTRACTOR SHALL REPLACE LANDSCAPING THAT IS REMOVED OR DESTROYED WITHIN THE LIMITS OF CONSTRUCTION.
- C. REPLACED LANDSCAPING SHALL BE PLACED OFF OF THE RIGHT-OF-WAY. CONTRACTOR SHALL OBTAIN PERMISSION FROM PROPERTY OWNER PRIOR TO INSTALLING NEW LANDSCAPING OFF OF THE RIGHT-OF-WAY.
- D. TREES SHALL BE TRIMMED TO RIGHT-OF-WAY LINE OR WITHIN 8' OF EOP TO A HEIGHT OF 18', WHICHEVER IS LESS.

**DRIVEWAYS**

- A. DRIVEWAYS SHALL BE PAVED WITHIN THE RIGHT-OF-WAY.
- B. SINGLE RESIDENTIAL DRIVES SHALL MATCH EXISTING WIDTH AND BE A MINIMUM OF 10.0' WIDE WITH AN 8.0' RADIUS OR 4' x 8' WEDGE (18' ADJACENT TO DRIVEWAY).
- C. DRIVEWAYS SHALL NOT EXCEED 14% SLOPE.
- D. CONCRETE APRONS SHALL BE CONSTRUCTED AT EXISTING CONCRETE DRIVEWAYS. CONCRETE SHALL BE A MINIMUM OF SIX (6) INCHES THICK, 3,000 P.S.I. WITH 6 x 6 10 /10 W/M.
- E. DRIVEWAY LOCATIONS AND WIDTHS SHOWN ARE APPROXIMATE AND MAY BE ADJUSTED AS DIRECTED BY THE DIRECTOR OF ENGINEERING.

**SURVEY**

- A. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL CONTROL AND BENCHMARK DATA BEFORE CONSTRUCTION. DISCREPANCIES IN DATA SHALL BE BROUGHT TO THE ATTENTION OF THE LAKE COUNTY SURVEY MANAGER AT (352) 483-9085.
- B. ALL (P.R.M.'s) IRONS AND MONUMENTS SHOWN ON PLANS, OR FOUND, SHALL BE PRESERVED. THOSE SHOWN IN PROPOSED PAVEMENT SHALL BE PROTECTED WITH A CAST IRON VALVE BOX.
- C. PUBLIC LAND CORNERS WITHIN THE LIMITS OF CONSTRUCTION SHALL BE PROTECTED. IF A CORNER MONUMENT IS IN DANGER OF BEING DESTROYED OR DISTURBED THE COUNTY SURVEYOR SHALL BE IMMEDIATELY NOTIFIED.
- D. SURVEY INFORMATION SHOWN ON THIS DRAWING IS TAKEN FROM TOPOGRAPHIC SURVEY BY SOUTHEASTERN SURVEYING AND MAPPING, INC., PROJECT NO. 50524001, DATE: 10-19-2005. LAKE COUNTY BEARS NO RESPONSIBILITY OR LIABILITY FOR ACCURACY OR COMPLETENESS OF SAID TOPOGRAPHIC SURVEY.
- E. HORIZONTAL CONTROL SHOWN ON THE PLANS IS RELATIVE TO NORTH AMERICAN DATUM 1983/1990 (NAD83/90), STATE PLANE COORDINATE SYSTEM, FLORIDA EAST ZONE.

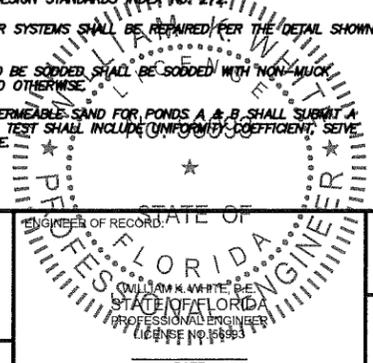
**TRAFFIC CONTROLS**

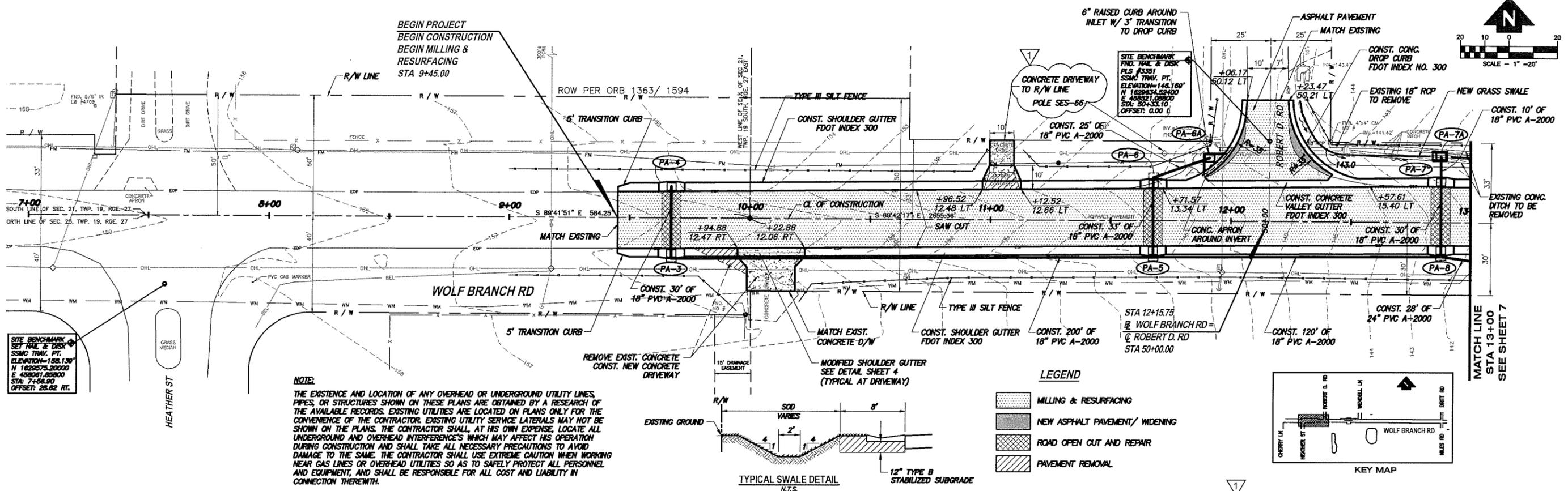
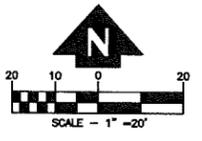
- A. EXISTING STREETS AND DRIVEWAYS SHALL BE MAINTAINED TO LOCAL TRAFFIC AND PROPERTY OWNERS.
- B. CONTRACTOR SHALL SUBMIT DETAILED MAINTENANCE OF TRAFFIC PLANS FOR REVIEW AND APPROVAL. ALL ROADS SHALL BE OPEN TO TRAFFIC WITH NO PERMANENT LANE CLOSURES ALLOWED. CONTRACTOR SHALL CONFORM TO THE LATEST EDITIONS OF MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND THE F.D.O.T. ROADWAY AND TRAFFIC DESIGN STANDARDS, INDEX 600 - 660 AS APPLICABLE.
- C. ANY TEMPORARY ROAD CLOSURE REQUIRES AUTHORIZATION REQUEST MADE TO LAKE COUNTY ROAD OPERATIONS AT (352) 742-0478 AND WITH AT LEAST THREE (3) DAYS NOTICE PRIOR TO CLOSURE. CONTRACTOR MUST SUPPLY A DETOUR PLAN WHEN REQUESTING CLOSURE. NO CLOSURE SHALL TAKE PLACE WITHOUT APPROVAL OF THE DETOUR PLAN. CONTRACTOR SHALL SUPPLY ALL SIGNAGE ASSOCIATED WITH CLOSURE AND DETOUR.
- D. IF EXISTING VEHICLE DETECTION LOOPS ARE DAMAGED DURING CONSTRUCTION, CONTRACTOR SHALL FURNISH, INSTALL, AND MAINTAIN TEMPORARY DETECTION LOOPS.

**DRAINAGE**

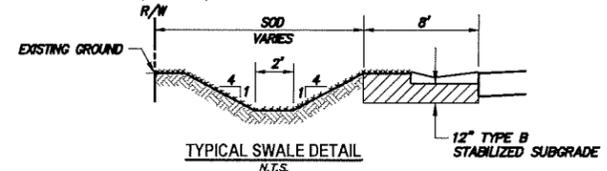
- A. IN ALL PONDS THAT REQUIRE FILL, THE CONTRACTOR SHALL USE WELL GRADED SAND FILL NO MORE THAN 10% PASSING #200 SIEVE MATERIAL IN THE POND BANKS AND BOTTOM. AT NO TIME SHALL CLAYS/CLAYEY SOILS BE USED UNLESS AUTHORIZED BY THE DIRECTOR OF ENGINEERING OR HIS DESIGNEE. THE CONTRACTOR SHALL NOTIFY THE LAKE COUNTY CONSTRUCTION INSPECTOR 48 HOURS PRIOR TO THE COMMENCEMENT OF ANY POND CONSTRUCTION TO COORDINATE THE INSPECTION OF THE PROPOSED CONSTRUCTION PRACTICES AND MATERIALS TO BE USED.
- B. ALL CURB INLETS, DITCH BOTTOM INLETS, AND MANHOLES WITHIN THE RIGHT-OF-WAY SHALL HAVE TRAFFIC BEARING FRAMES AND COVERS OR GRATES MEETING HS-20 LOADING REQUIREMENTS.
- C. UNLESS OTHERWISE NOTED, ALL EXISTING DRAINAGE STRUCTURES WITHIN THE LIMITS OF CONSTRUCTION ARE TO REMAIN.
- D. THE CONTRACTOR SHALL BE RESPONSIBLE TO CONSTRUCT ALL PIPES, PIPE END TREATMENTS, AND DRAINAGE STRUCTURES WITHIN THE LIMITS OF CONSTRUCTION IN A DRY CONDITION OR AS APPROVED BY THE DIRECTOR OF ENGINEERING.
- E. CONSTRUCT ALL MITERED END SECTIONS PER F.D.O.T. DESIGN STANDARDS INDEX NO. 1272.
- F. ALL ROADWAY CROSSINGS FOR PROPOSED STORM WATER SYSTEMS SHALL BE REPAIRED PER THE DETAIL SHOWN ON THE CONSTRUCTION PLANS.
- G. POND SIDE SLOPES WITHIN THE POND TOP OF BANK TO BE SODED SHALL BE SODED WITH NON-MUCK GROWN SOD. SOD SHALL BE BAHIA SOD UNLESS NOTED OTHERWISE.
- H. CONTRACTOR PRIOR TO THE INSTALLATION OF CLEAN PERMEABLE SAND FOR PONDS A & B SHALL SUBMIT A CERTIFIED TEST OF THE MEDIA TO EOR FOR APPROVAL. TEST SHALL INCLUDE UNIFORMITY COEFFICIENT, SEIVE ANALYSIS, EFFECTIVE GRAIN SIZE, & PERMEABILITY RATE.

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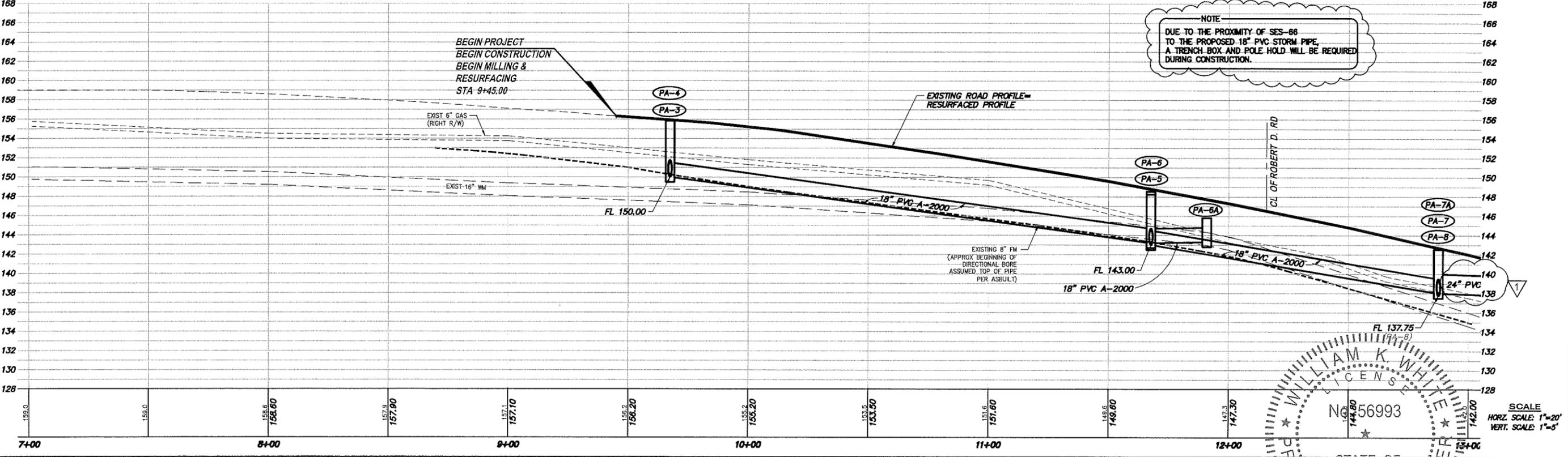
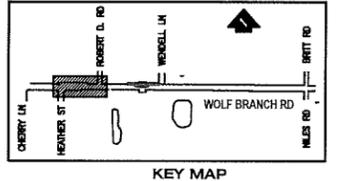
REVISION:	DATE:	SECTION	TOWNSHIP	RANGE	 <p><b>DEPARTMENT OF PUBLIC WORKS</b> ENGINEERING DIVISION 437 ARDICE AVE. EUSTIS, FLORIDA 32726</p>	<p><b>WOLF BRANCH SINK</b> <b>DRAINAGE IMPROVEMENTS</b></p> <p><b>GENERAL NOTES</b></p>		<b>CAD FILE</b>	
▽ BID SET - ADDENDUM 1	12/31/15								10048CA
		DESIGNED: WKW	DATE: NOVEMBER 2015						<b>SHEET #</b>
		DRAWN: KGN	DATE: NOVEMBER 2015						3
		APPROVED: WKW	DATE: NOVEMBER 2015			DATE			



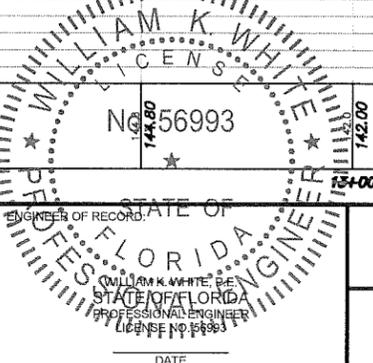
**NOTE:**  
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- LEGEND**
- MILLING & RESURFACING
  - NEW ASPHALT PAVEMENT/ WIDENING
  - ROAD OPEN CUT AND REPAIR
  - PAVEMENT REMOVAL



**NOTE:**  
 DUE TO THE PROXIMITY OF SES-66 TO THE PROPOSED 18\"/>

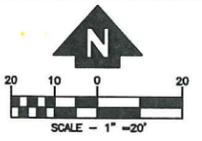
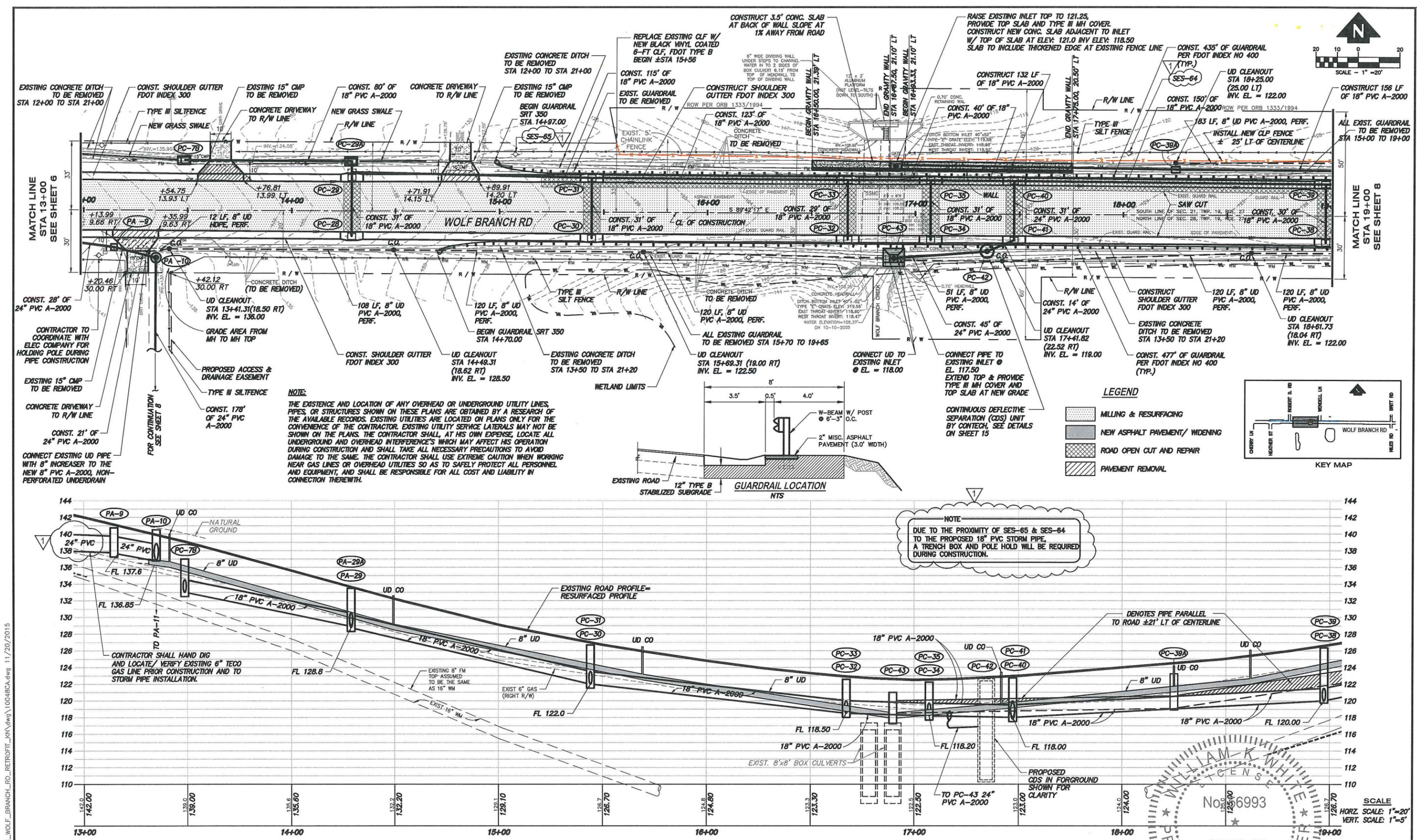


SCALE  
 HORIZ. SCALE: 1"=20'  
 VERT. SCALE: 1"=5'

REVISION: 1/BID SET - ADDENDUM 1	DATE: 12/3/15	<b>SECTION</b> 21 & 28	<b>TOWNSHIP</b> 19 S	<b>RANGE</b> 27 E	<p> <b>LAKE COUNTY</b>          FLORIDA       </p>	<p> <b>DEPARTMENT OF PUBLIC WORKS</b>  <b>ENGINEERING DIVISION</b>          437 ARDICE AVE.          EUSTIS, FLORIDA 32726       </p>	<p> <b>WOLF BRANCH SINK</b>  <b>DRAINAGE IMPROVEMENTS</b> </p>	<p> <b>PLAN &amp; PROFILE</b> </p>	<b>CAD FILE</b> 10048CA		
DESIGNED: WKW	DATE: NOVEMBER 2015	DRAWN: KGN	DATE: NOVEMBER 2015	APPROVED: WKW					DATE: NOVEMBER 2015	<b>SHEET #</b> 6	
ENGINEER OF RECORD:									WILLIAM K. WHITE, P.E. STATE OF FLORIDA PROFESSIONAL ENGINEER LICENSE NO. 56993	DATE:	

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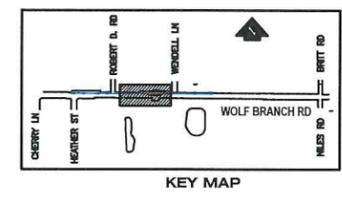


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**NOTE:**  
 DUE TO THE PROXIMITY OF SES-65 & SES-64 TO THE PROPOSED 18\"/>

**LEGEND**

	MILLING & RESURFACING
	NEW ASPHALT PAVEMENT/ WIDENING
	ROAD OPEN CUT AND REPAIR
	PAVEMENT REMOVAL



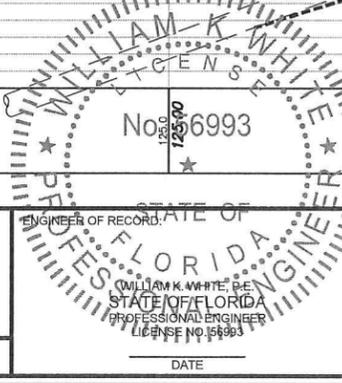
REVISION:	DATE:
1 BID SET - ADDENDUM 1	12/3/15

SECTION	TOWNSHIP	RANGE
21 & 28	19 S	27 E
DESIGNED:	WKW	DATE: NOVEMBER 2015
DRAWN:	KGN	DATE: NOVEMBER 2015
APPROVED:	WKW	DATE: NOVEMBER 2015



**DEPARTMENT OF PUBLIC WORKS**  
 ENGINEERING DIVISION  
 437 ARDICE AVE.  
 EUSTIS, FLORIDA 32726

**WOLF BRANCH SINK**  
**DRAINAGE IMPROVEMENTS**  
**PLAN & PROFILE**



CAD FILE	10048CA
SHEET #	7
DATE	

SCALE  
 HORIZ. SCALE: 1"=20'  
 VERT. SCALE: 1"=5'

**PA-3**  
 STA. 9+67.41 (16.28' RT)  
 CONST. INLET TYPE S  
 INDEX NO. 220  
 INLET EOP EL. 155.8  
 FL 150.00 (N)

**PA-7B**  
 STA. 13+48.68 (24.04' RT)  
 CONST. INLET TYPE C  
 INDEX NO. 232  
 INLET TOP 137.00  
 FL 133.00 (E,W)

**PB-24**  
 STA. 22+20.81 (28.08' LT)  
 CONST. INLET TYPE C  
 INDEX NO. 232  
 INLET TOP EL. 140.75  
 FL 137.40 (E)  
 FL 137.40 (S)

**PA-29A**  
 STA. 14+28.95 (23.75' LT)  
 CONST. INLET TYPE C  
 W/ TRAVERSABLE SLOT  
 INDEX NO. 232  
 INLET TOP 132.00  
 FL 129.00

**PC-36**  
 STA. 20+12.40 (13.97' RT)  
 CONST. INLET TYPE S  
 INDEX NO. 220  
 INLET EOP EL. 131.56  
 FL 126.20 (N)

**PC-40**  
 STA. 17+47.26 (15.82' LT)  
 CONST. INLET TYPE S  
 INDEX NO. 220  
 INLET EOP EL. 122.72  
 FL 118.00 (E)  
 FL 118.00 (W)  
 FL 118.00 (S)

**SB-47**  
 STA. 21+33.82 (47.02 RT)  
 CONST. MITERED END SECTION  
 INDEX NO. 272  
 FL 134.00

**PA-4**  
 STA. 9+67.31 (12.99' LT)  
 CONST. INLET TYPE S  
 INDEX NO. 220  
 INLET EOP EL. 155.37  
 FL 150.20 (S)

**PA-8**  
 STA. 12+87.45 (11.51' RT)  
 CONST. INLET TYPE S  
 INDEX NO. 220  
 INLET EOP EL. 142.65  
 FL 137.75 (N)  
 FL 137.75 (W)

**PB-25**  
 STA. 22+12.30 (14.10' LT)  
 CONST. INLET TYPE S  
 INDEX NO. 220  
 INLET EOP EL. 142.89  
 FL 137.30 (E)  
 FL 137.30 (S)

**PC-30**  
 STA. 15+44.25 (12.48' RT)  
 CONST. INLET TYPE S  
 INDEX NO. 220  
 INLET EOP EL. 126.66  
 FL 122.20 (N)

**PC-37**  
 STA. 20+12.40 (15.07' LT)  
 CONST. INLET TYPE S  
 INDEX NO. 220  
 INLET EOP EL. 131.56  
 FL 126.00 (S)  
 FL 126.00 (W)

**PC-41**  
 STA. 17+47.40 (12.50' RT)  
 CONST. INLET TYPE S  
 INDEX NO. 220  
 INLET EOP EL. 122.72  
 FL 117.80 (N)  
 FL 117.80 (W)

**UD-48**  
 STA. 20+45.00 (17.80 RT)  
 CONST. MANHOLE TYPE P  
 INDEX NO. 200  
 MANHOLE TOP EL. 134.50  
 FL 131.30 (N) 15" UD  
 FL 131.30 (W) 8" UD

**PA-5**  
 STA. 11+67.72 (12.42' RT)  
 CONST. INLET TYPE S  
 INDEX NO. 220  
 INLET EOP EL. 148.37  
 FL 143.00 (N)  
 FL 143.00 (W)  
 FL 143.00 (E)

**PA-9**  
 STA. 13+14.70 (17.80' RT)  
 CONST. INLET TYPE C  
 INDEX NO. 232  
 INLET TOP EL. 140.75  
 FL 137.75 (NW)  
 FL 137.75 (SE)

**PB-26**  
 STA. 22+12.42' (12.99' RT)  
 CONST. INLET TYPE S  
 INDEX NO. 220  
 INLET EOP EL. 142.89  
 FL 137.10 (N)  
 FL 137.10 (S)

**PC-31**  
 STA. 15+44.15 (16.34' LT)  
 CONST. INLET TYPE S  
 INDEX NO. 220  
 INLET EOP EL. 126.66  
 FL 122.00 (S)  
 FL 122.00 (W)  
 FL 120.00 (E)

**PC-37A**  
 STA. 19+93.02 (21.41' LT)  
 CONST. INLET TYPE C  
 INDEX NO. 232  
 INLET TOP 128.00  
 W/ CUT NORTH SIDE ±128.0  
 FL 125.0

**PC-42**  
 STA. 17+34.58 (19.1' RT)  
 CONST. CDS UNIT  
 STRUCTURE TOP 122.50  
 FL 117.70 (INLET)  
 FL 117.70 (OUTLET)

**PA-6**  
 STA. 11+67.67 (15.32' LT)  
 CONST. INLET TYPE S  
 INDEX NO. 220  
 INLET EOP EL. 148.37  
 FL 143.15 (S)  
 FL 143.15 (NE)

**PA-10**  
 STA. 13+35.02 (22.89' RT)  
 CONST. MANHOLE TYPE P  
 INDEX NO. 200  
 MANHOLE TOP EL. 140.50  
 FL 136.85 (NW)  
 FL 136.85 (S)

**PA-26B**  
 STA. 22+12.48 (25.43' RT)  
 CONST. INLET TYPE C  
 INDEX NO. 232  
 INLET TOP 141.00  
 W/ 24" SLOT E 140.5  
 FL 137.70 (N,S)

**PC-32**  
 STA. 16+67.40 (12.54' RT)  
 CONST. INLET TYPE S  
 INDEX NO. 220  
 INLET EOP EL. 122.68  
 FL 118.70 (N)

**PC-37B**  
 STA. 19+93.02 (21.41' LT)  
 CONST. MANHOLE  
 INDEX NO. 201  
 INLET TOP 137.00  
 FL 134.0 (NW)  
 FL 133.70 (W)

**PC-43**  
 STA. 16+89.70 (21.41 RT)  
 MODIFY TOP TO MANHOLE  
 MANHOLE TOP 121.00  
 FL 118.00 (E) 8" UD  
 FL 118.00 (W) 8" UD  
 FL 117.5

**PA-6A**  
 STA. 11+90.90 (26.10' LT)  
 CONST. INLET TYPE C  
 INDEX NO. 220  
 INLET TOP EL. 145.80  
 FL 143.25 (SW)

**PA-11**  
 STA. 13+34.44 (20.80' RT)  
 CONST. MANHOLE TYPE P  
 INDEX NO. 200  
 MANHOLE TOP EL. 141.00  
 FL 136.30 (N)  
 FL 136.30 (SE)

**PB-27**  
 STA. 22+13.26 (17.00' RT)  
 CONST. MITERED END SECTION  
 INDEX NO. 272  
 FL 136.50

**PC-33**  
 STA. 16+67.25 (15.94' LT)  
 CONST. INLET TYPE S  
 INDEX NO. 220  
 INLET EOP EL. 122.68  
 FL 118.50 (E)  
 FL 118.50 (W)  
 FL 118.50 (S)

**PC-38**  
 STA. 18+97.40 (12.58' RT)  
 CONST. INLET TYPE S  
 INDEX NO. 220  
 INLET EOP EL. 126.36  
 FL 122.20 (N)

**SA-44**  
 STA. 14+47.45 (520.29 RT)  
 CONST. MOD. TYPE D CONTROL STRUCTURE  
 INDEX NO. 232  
 INLET TOP EL. 140.00  
 FL 136.00

**PA-7**  
 STA. 12+87.37 (16.51' LT)  
 CONST. INLET TYPE S  
 INDEX NO. 220  
 INLET EOP EL. 142.10  
 FL 137.90 (S)

**PA-12**  
 STA. 13+94.30 (288.82' RT)  
 CONST. MITERED END SECTION  
 INDEX NO. 272  
 FL 136.00

**PC-28**  
 STA. 14+29.00 (12.04' RT)  
 CONST. INLET TYPE S  
 INDEX NO. 220  
 INLET EOP EL. 133.30  
 FL 129.00 (N)

**PC-34**  
 STA. 17+07.40 (12.55' RT)  
 CONST. INLET TYPE S  
 INDEX NO. 220  
 INLET EOP EL. 122.33  
 FL 118.40 (N)

**PC-39**  
 STA. 18+97.25 (17.63' LT)  
 CONST. INLET TYPE S  
 INDEX NO. 220  
 INLET EOP EL. 126.36  
 FL 122.00 (S)  
 FL 120.00 (E)  
 FL 120.00 (W)

**SA-45**  
 STA. 14+78.20 (507.49 RT)  
 CONST. MITERED END SECTION  
 INDEX NO. 272  
 FL 134.00

**PA-7A**  
 STA. 12+87.23 (27.46' LT)  
 CONST. INLET TYPE C  
 W/ TRAVERSABLE SLOT  
 INDEX NO. 232  
 INLET TOP EL. 141.00  
 FL 138.00 (SW)

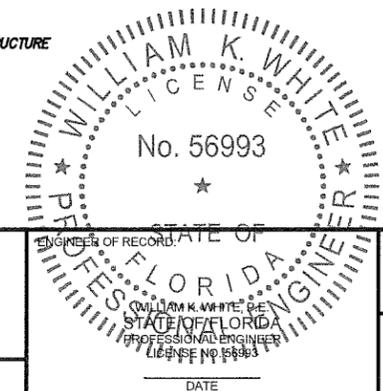
**PB-23**  
 STA. 23+38.11 (25.42' LT)  
 CONST. INLET TYPE C  
 INDEX NO. 232  
 INLET TOP EL. 146.50  
 FL 141.00 (W)

**PC-29**  
 STA. 14+28.93 (16.02' RT)  
 CONST. INLET TYPE S  
 INDEX NO. 220  
 INLET EOP EL. 133.30  
 FL 128.80 (E)  
 FL 128.80 (S)  
 FL 128.80 (N)

**PC-35**  
 STA. 17+07.25 (15.97' LT)  
 CONST. INLET TYPE S  
 INDEX NO. 220  
 INLET EOP EL. 122.33  
 FL 118.20 (E)  
 FL 118.20 (W)  
 FL 118.20 (S)

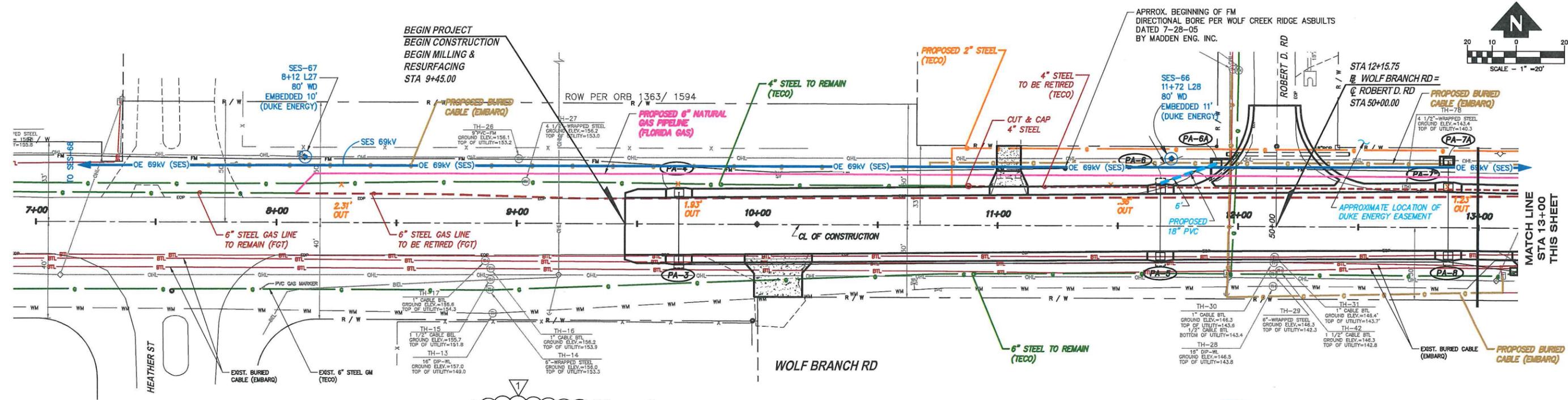
**PA-38A**  
 STA. 18+25.00 (21.76' RT)  
 CONST. INLET TYPE C  
 INDEX NO. 232  
 INLET TOP 123.25  
 FL 119.10 (E,W,S)

**SB-46**  
 STA. 21+57.93 (426.42 RT)  
 CONST. MOD. TYPE D CONTROL STRUCTURE  
 INDEX NO. 232  
 INLET TOP EL. 140.00  
 FL 135.00



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REVISION: ▽ BID SET - ADDENDUM 1	DATE: 12-3-15	SECTION	TOWNSHIP	RANGE	 <b>DEPARTMENT OF PUBLIC WORKS</b> ENGINEERING DIVISION 437 ARDICE AVE. EUSTIS, FLORIDA 32726	<b>WOLF BRANCH SINK</b> <b>DRAINAGE IMPROVEMENTS</b> <b>DRAINAGE STRUCTURES DATA</b>	CAD FILE 10048CA SHEET # 14
DESIGNED:	WKW	DATE:	NOVEMBER 2015				
DRAWN:	KGN	DATE:	NOVEMBER 2015				
APPROVED:	WKW	DATE:	NOVEMBER 2015				

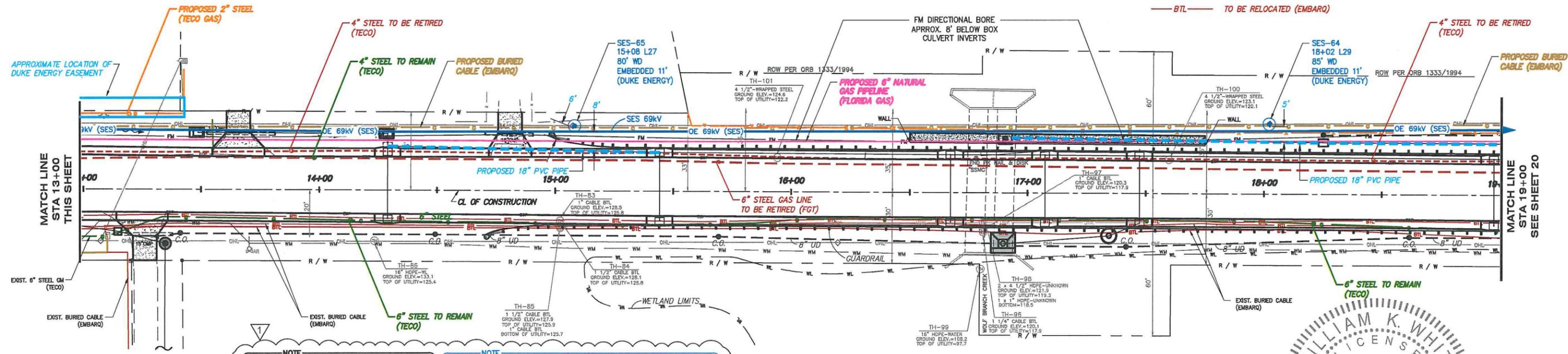
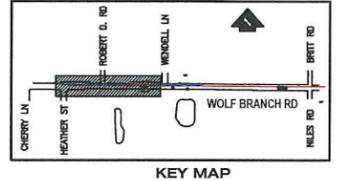


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**NOTE:**  
 POLE HOLD WILL BE REQUIRED: SES-66. NOTIFY DUKE ENERGY FOUR (4) WEEKS PRIOR TO CONSTRUCTION OF 18" PVC PIPE AT STATIONS 11+72 L28 CONTACT MIKE BARNES @ (863) 307-9569

- NOTES:**
- \* QUIT DENOTES DIST. FROM Q PIPE TO EXTERIOR WALL OF INLET STRUCTURE.
  - \* ILL DENOTES DIST. FROM Q PIPE TO EXTERIOR WALL OF INLET STRUCTURE.
  - \* MEASUREMENTS BASED ON STAKES PROVIDED BY TECO.

- LEGEND:**
- TO RETIRE (TECO)
  - TO INSTALL (TECO)
  - TO REMAIN (TECO)
  - PROPOSED BURIED CABLE
  - TO RETIRE (FGT)
  - TO REMAIN (FGT)
  - TO REMAIN (DUKE ENERGY)
  - TO BE RELOCATED (EMBARQ)



**NOTE:**  
 DUE TO THE PROXIMITY OF SES-65 & SES-64 TO THE PROPOSED 18" PVC STORM PIPE, A TRENCH BOX AND POLE HOLD WILL BE REQUIRED DURING CONSTRUCTION.

**NOTE:**  
 POLE HOLD WILL BE REQUIRED: SES-65 & SES-64. NOTIFY DUKE ENERGY FOUR (4) WEEKS PRIOR TO CONSTRUCTION OF 18" PVC PIPE AT STATIONS 15+07 L27 & 18+02 L29 CONTACT MIKE BARNES @ (863) 307-9569

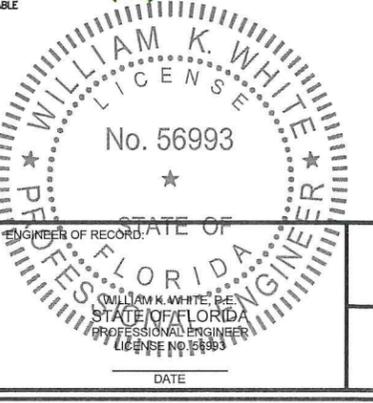
REVISION:	DATE:
1 BID SET - ADDENDUM 1	12-3-15

SECTION	TOWNSHIP	RANGE
21 & 28	19 S	27 E
DESIGNED:	DATE:	NOVEMBER 2015
WKW		
DRAWN:	DATE:	NOVEMBER 2015
KGN		
APPROVED:	DATE:	NOVEMBER 2015
WKW		



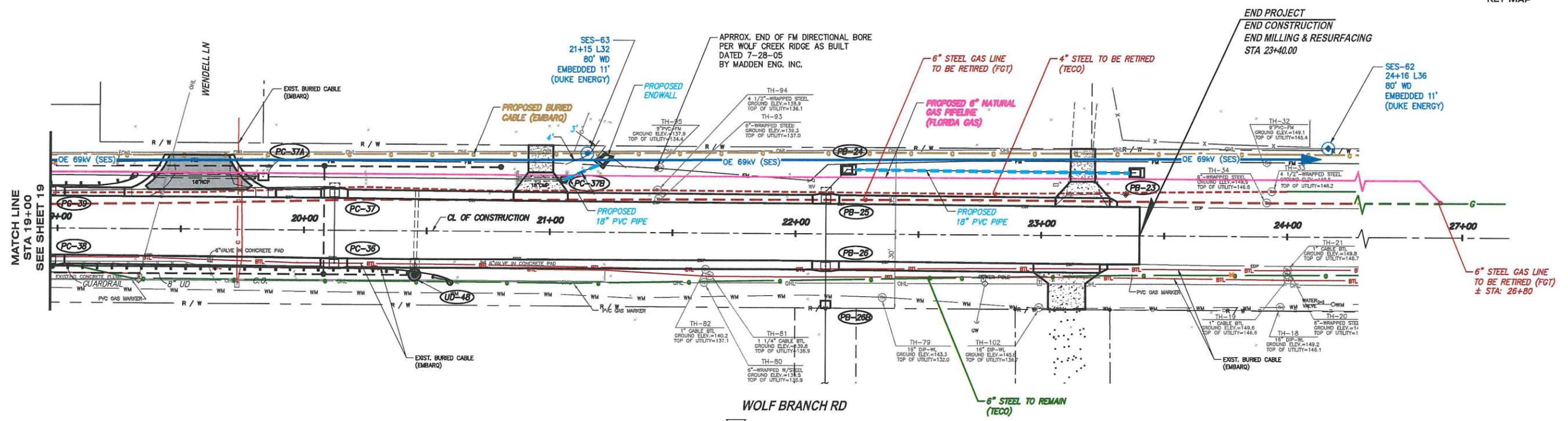
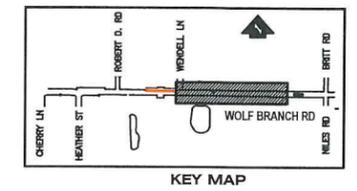
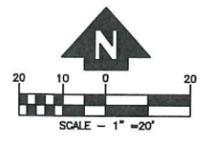
**DEPARTMENT OF PUBLIC WORKS**  
 ENGINEERING DIVISION  
 437 ARDICE AVE.  
 EUSTIS, FLORIDA 32726

**WOLF BRANCH SINK**  
**DRAINAGE IMPROVEMENTS**  
**UTILITY ADJUSTMENT SHEET**



CAD FILE	10048CA
SHEET #	19

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**NOTE:**  
 THE EXISTENCE AND LOCATION OF ANY OVERHEAD OR UNDERGROUND UTILITY LINES, PIPES, OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A RESEARCH OF THE AVAILABLE RECORDS. EXISTING UTILITIES ARE LOCATED ON PLANS ONLY FOR THE CONVENIENCE OF THE CONTRACTOR. EXISTING UTILITY SERVICE LATERALS MAY NOT BE SHOWN ON THE PLANS. THE CONTRACTOR SHALL, AT HIS OWN EXPENSE, LOCATE ALL UNDERGROUND AND OVERHEAD INTERFERENCES WHICH MAY AFFECT HIS OPERATION DURING CONSTRUCTION AND SHALL TAKE ALL NECESSARY PRECAUTIONS TO AVOID DAMAGE TO THE SAME. THE CONTRACTOR SHALL USE EXTREME CAUTION WHEN WORKING NEAR GAS LINES OR OVERHEAD UTILITIES SO AS TO SAFELY PROTECT ALL PERSONNEL AND EQUIPMENT, AND SHALL BE RESPONSIBLE FOR ALL COST AND LIABILITY IN CONNECTION THEREWITH.

**NOTE:**  
 POLE HOLD WILL BE REQUIRED: SES-63. NOTIFY DUKE ENERGY FOUR (4) WEEKS PRIOR TO CONSTRUCTION OF 18" PVC PIPE AT STATION 21+15 L32. CONTACT MIKE BARNES @ (863) 307-9569

- NOTES:**
- \* **QIT** DENOTES DIST. FROM @ PIPE TO EXTERIOR WALL OF INLET STRUCTURE.
  - \* **INL** DENOTES DIST. FROM @ PIPE TO EXTERIOR WALL OF INLET STRUCTURE.
  - \* **MEASUREMENTS** BASED ON STAKES PROVIDED BY TECO.

- LEGEND:**
- TO RETIRE (TECO)
  - G- TO INSTALL (TECO)
  - G- TO REMAIN (TECO)
  - G- TO REMAIN (FGT)
  - OHL- TO REMAIN (DUKE ENERGY)
  - BTL- TO BE RELOCATED (EMBARQ)
  - PROPOSED BURIED CABLE
  - TO RETIRE (FGT)
  - TO REMAIN (FGT)
  - TO REMAIN (DUKE ENERGY)
  - TO BE RELOCATED (EMBARQ)

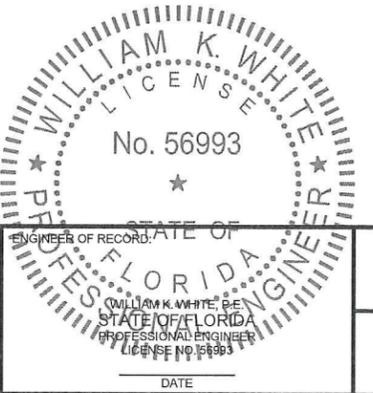
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REVISION: ▽ BID SET - ADDENDUM 1	DATE 12-3-15	SECTION 21 & 28	TOWNSHIP 19 S	RANGE 27 E
DESIGNED: KGN	DATE: NOVEMBER 2015	WKK		
DRAWN: WKK	DATE: NOVEMBER 2015	KGN		
APPROVED: WKK	DATE: NOVEMBER 2015	WKK		



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<b>CAD FILE</b> 10048CA
<b>SHEET #</b> 20