CENTRAL FLORIDA EXPRESSWAY AUTHORITY

MEMORANDUM

TO:

CFX Board Members

FROM:

Robert Johnson

Manager of Procurement

DATE:

March 29, 2016

SUBJECT:

Approval of Utility Adjustment Agreement in Support of

S.R. 528 / Innovation Way Interchange; Project 528-313, Contract No. 001022

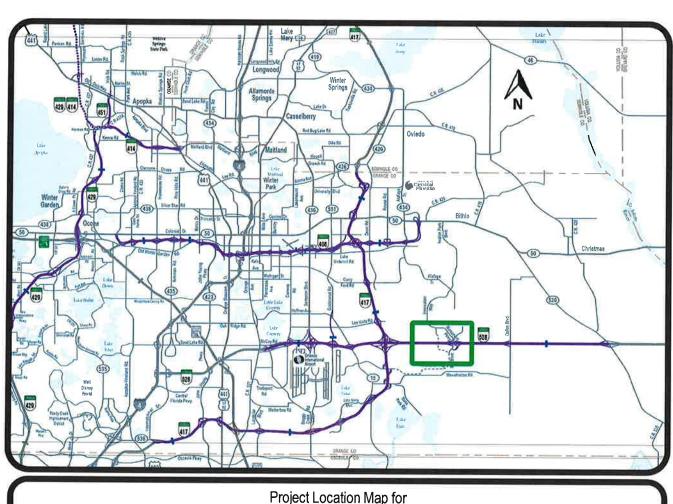
Contract No. 001199

Board approval is requested for CFX to enter into a Utility Adjustment Agreement with Orange County as part of the S.R. 528 / Innovation Way Interchange construction project. This agreement provides for reimbursement to CFX from Orange County related to utility work to be constructed by the CFX contractor on behalf of Orange County.

In June of 2014, CFX, Orange County and Suburban Land Reserve (SLR) entered into the Amended and Restated 2006 Innovation Way /Beachline Interchange Agreement. As a part of that agreement, it was understood that it was Orange County's desire for the CFX contractor of the S.R. 528 / Innovation Way Interchange project to also construct certain utilities on behalf of Orange County. Such utility work by the CFX contractor would be reimbursable to CFX from Orange County.

Reviewed by:

Glenn Pressimone, PE Director of Engineering



Project Location Map for S.R. 528 / Innovation Way Interchange (528-313)

UTILITY ADJUSTMENT AGREEMENT

THIS UTILITY ADJUSTMENT AGREEMENT (the "Agreement") is made and entered into as of the date of last execution below ("Effective Date") by and between **ORANGE COUNTY**, a charter county and political subdivision of the State of Florida (the "COUNTY"), whose address is 201 South Rosalind Avenue, Orlando, Florida, 32801 and the **CENTRAL FLORIDA EXPRESSWAY AUTHORITY**, a body politic and corporate, and an agency of the state under the laws of the State of Florida ("CFX,") whose address is 4974 ORL Tower Road, Orlando, Florida 32807. COUNTY and CFX may hereinafter be referred to individually as a "Party" or collectively as the "Parties."

RECITALS:

- WHEREAS, the COUNTY, Orlando-Orange County Expressway Authority ("OOCEA"), predecessor-in-interest to CFX, and Suburban Land Reserve, Inc. ("SLR") entered into that certain Amended and Restated 2006 Innovation Way/Beachline Interchange Agreement, which was approved by SLR on May 27, 2014, by COUNTY on June 10, 2014, and by OOCEA on June 12, 2014, with an effective date of June 12, 2014; and
- WHEREAS, the COUNTY, CFX and SLR entered into that certain First Amendment to Amended and Restated 2006 Innovation Way/Beachline Interchange Agreement which was approved by SLR on August 13, 2015, by COUNTY on September 15, 2015, and by CFX on October 8, 2015, with an effective date of October 8, 2015; and
- WHEREAS, CFX plans to construct the SR 528 Innovation Way Interchange (the "Project") known as CFX Project # 528-313; and
- WHEREAS, COUNTY desires to install a twenty-four inch ductile iron reclaimed water line and appurtenant facilities (the "Facilities") in conjunction with the Project; and
- WHEREAS, the Parties intend to cooperate and coordinate the construction and installation of the Facilities (the "Utilities Project")
- WHEREAS, CFX has designed the Project and the COUNTY has designed the Utilities Project (the "Plans") as shown in Exhibit "A," attached hereto and made a part hereof by reference, for inclusion in the Project to be performed or caused to be performed by CFX; and
- **WHEREAS**, the Parties desire to formalize the terms and conditions whereby the Parties shall coordinate the construction of the Utilities Project by CFX, at the COUNTY'S expense.
- **NOW, THEREFORE,** in consideration of the recitals, agreements and mutual covenants contained herein, and other good and valuable consideration, of which the Parties acknowledge the receipt and sufficiency, CFX and the COUNTY hereby, agree as follows:

- 1. Recitals. The foregoing recitals are true and correct and are incorporated herein by this reference.
- 2. <u>Bidding and Selection of Construction Contractor.</u> CFX is in the process of competitively bidding the construction of the Project with the inclusion of the Utilities Project. Bidders will be financially responsible and able to furnish payment and performance bonds. The bids will provide a separate itemized cost for the Utilities Project based on the separate "breakout" schedule prepared by the COUNTY.

CFX will award the contract to the successful low bidder and will provide copies of the construction contractor's bid to the COUNTY. The COUNTY will review and approve the bid with respect to the Utilities Project. If the COUNTY decides not to approve the bid, then the Utilities Project will be removed from the construction of the Project and this Agreement will be terminated, and neither Party shall have any further obligation or liability to the other Party as a consequence of the termination of this Agreement.

3. The Utilities Project

- a. Construction of the Facilities within CFX Right-of-Way (ROW). The COUNTY desires to install approximately five thousand linear feet of twenty-four-inch ductile iron reclaimed water main in the Innovation Way right-of-way and portions of CFX right-of-way between stations 506+38 and 550+22, 51 RT on Innovation Way as depicted in the Plans, at the COUNTY's expense.
- b. County Costs. An engineer's estimate of the Utility Project costs total \$1,974,518 as more specifically set forth in Exhibit "B," attached hereto and incorporated herein by this reference (the "Utility Cost Estimate"). The COUNTY shall be responsible for the actual construction costs plus two percent (2%) of the actual construction costs for Construction, Engineering and Inspection ("CEI") services related to the Utilities Project. The Parties acknowledge and agree that Exhibit "B" is an estimate of Utilities Project costs and the COUNTY shall reimburse CFX for actual construction costs, which is estimated at a not-to-exceed amount of \$1,974,518, plus a maximum of \$39,490 for CEI costs (combined maximum not-to-exceed amount of \$2,014,008). In the event that the actual reimbursable costs exceed the Utility Cost Estimate plus the CEI costs, CFX shall provide COUNTY with notice and COUNTY shall have the option of terminating this Agreement or pursuing approval for additional funds in excess of the maximum not-to-exceed amount.
- 4. <u>Utilities Project Construction Items</u>. The following shall also apply in the performance of the Utilities Project:
 - a. In the event that the Plans are required to be revised in any way, the Parties shall cooperate in good faith to expedite the review and such necessary revisions to ensure that: (i) the location, construction and operation of the Facilities are harmonized with the Project plans and design and construction of the Project in accordance with all applicable laws; (ii) the work schedule is synchronized with

the construction schedule for the Project; (iii) the construction of the Project and the Utilities Project are accomplished in an expedient and cost-effective manner so as to limit, to the extent reasonably practical, costs of land acquisition, design and construction and to minimize impacts to the Project, the Facilities, and adjacent landowners.

- b. CFX, at the COUNTY'S expense, shall obtain all such permits and approvals necessary for the Utilities Project.
- c. The COUNTY's Facilities shall be available for use by the COUNTY upon completion of construction and acceptance by the COUNTY of the Utilities Project.
- d. CFX will designate a CEI firm for the Project, as the point of contact for the COUNTY in all matters related to the Utilities Project and the Project, and the COUNTY has appointed its Orange County Utilities Engineering Division Manager (or his/her designee) as the point of contact for CFX and its contractors in all matters related to the Utilities Project and the Project.
- e. CFX shall cause the contractor(s) to commence and diligently perform the Utilities Project to completion in accordance with the Plans, the Utilities Plans, CFX standards, and CFX's work schedule; provided, however, in the event that completion of the Utilities Project is delayed by events of force majeure (as defined below) or for other reasons, the completion date shall be extended one day for each day of delay caused by such events. The Parties shall cooperate to harmonize construction of the Facilities with the construction or proposed construction of the Project improvements.
- f. Subject to terms and conditions of this Agreement, CFX or its contractor shall construct certain Facilities that will lie partly or totally within or across the proposed Project right-of-way. To the extent that any Facilities are located in portions of property or rights-of-way owned by CFX, CFX will grant the COUNTY a right to access its Facilities for inspection, maintenance and repair, upon submittal and approval of CFX's Application for Right of Entry. In the event a future CFX project requires COUNTY to relocate the Facilities, COUNTY shall be obligated to move, remove, or relocate its Facilities at its sole cost and expense and COUNTY's right of access shall be terminated.
- Within sixty days after the completion of the Project, CFX shall provide COUNTY with as-builts and certifications from a project engineer duly licensed in the State of Florida that the installation and encasement of the Facilities has been completed in accordance with the Plans, and all applicable permits and laws.
- h. As soon as possible after the completion of the Utilities Project, CFX shall provide the COUNTY with a detailed final statement of all costs and expenses incurred by CFX in connection with the construction and CEI for the Utilities

Project (the "Cost Statement"), together with all supporting documentation of such costs and expenditures. The Cost Statement and supporting records provided by CFX shall be in auditable form in accordance with generally accepted accounting principles. Within sixty days after receipt of the Cost Statement and supporting documentation, the COUNTY shall reimburse CFX for all such costs and expenses actually incurred for the COUNTY'S portion of the Utilities Project (subject to any adjustment if the COUNTY'S audit shows that such cost statement exceeds costs actually incurred or such costs are not reimbursable under the terms of this Agreement). The COUNTY shall make payment for the costs associated with the Utilities Project by issuing a check made payable to CFX, in the amount so expended by CFX, all in accordance with the foregoing. Should the COUNTY object to a reimbursement amount requested by CFX, the COUNTY shall pay the undisputed portion of the amount as set forth above, and the COUNTY shall submit its objections of the disputed portion in writing to CFX within fifteen business days of receipt of the written reimbursement request from CFX. The Parties shall meet in an attempt to resolve disputes with a goal to resolve them within twenty business days of CFX's receipt of the COUNTY's written objections.

- 5. <u>Insurance.</u> Any contractor performing any portion of construction of the Utilities Project shall maintain the following insurance coverage:
 - i. Workers Compensation the contractor shall provide coverage for its employees with statutory limits for Workers' Compensation and not less than \$100,000 for Employers' Liability. Said coverage shall include a waiver of subrogation in favor of CFX and the COUNTY and its agents, employees and officials.
 - ii. Commercial General Liability the contractor shall provide coverage for all operations including, but no limited to Contractual, Products, Completed Operations, and Personal Injury. The limits will be not less than \$1,000,000 per occurrence. The General Aggregate Limit shall be twice the required occurrence limit.
 - Business Automobile Liability the contractor shall provide coverage for all owned, non-owned and hired vehicles with limits of not less than \$500,000 per occurrence.
 - a. The CEI firm responsible for signing and sealing the as-built drawings for the Utilities Project shall provide Professional Liability coverage with limits not less than \$1,000,000.
 - b. The COUNTY shall be specifically included as an additional insured under said policies, and said insurance shall include a provision that 30-day notice of cancellation of the coverage shall be provided to CFX and the COUNTY. Renewals of certificates of insurance shall be produced by CFX or its Contractor upon request.

- The COUNTY reserves the right to request, and CFX or its Contractor shall produce within fifteen days, proof of the existence of such insurance coverage and certificates verifying the amount and terms of such insurance coverage.
- Maintenance. Upon completion and acceptance of the Project, CFX will have a one-6. CFX shall have no responsibility for the year warranty from the Contractor. maintenance, operations or repairs of the Facilities upon completion and acceptance of the Project. Neither the COUNTY, nor any employee, contractor nor agent thereof, shall cause any damage to improvements within the Utilities Project, or take any actions that would weaken, diminish or impair the lateral or subjacent support to the Project, or its Without limiting the foregoing, the COUNTY shall be appurtenant improvements. responsible for maintaining, at no cost to CFX, all permits, authorizations and approvals of applicable regulatory agencies necessary for continued operation, use, maintenance and repair of the Facilities.
- Limitation of Liability. Notwithstanding any other provision of this Agreement, in no 7. event shall either party have liability to the other party under this Agreement, whether based in contract, in tort, or otherwise, for any special, incidental, indirect, exemplary or consequential damages. Further, neither party shall be liable to the other in an amount in excess of the total amount estimated or paid, whichever is greater, for the County's portion of the Project.
- Notices. Any notices which may be permitted or required hereunder shall be in writing 8. and shall be deemed to have been duly given as of the date and time the same are personally delivered, transmitted electronically or within three (3) business days after depositing with the United States Postal Service, postage prepaid by registered or certified mail, return receipt requested, or within one (1) business day after depositing with Federal Express or other overnight delivery service from which a receipt may be obtained, and addressed as follows:

CENTRAL FLORIDA CFX:

EXPRESSWAY AUTHORITY

4974 ORL Tower Road Orlando, Florida 32807

Attn: Chief of Infrastructure Telephone: (407) 690-5000

CENTRAL FLORIDA and

EXPRESSWAY AUTHORITY

4974 ORL Tower Road Orlando, Florida 32807 Attn: General Counsel Telephone: (407) 690-5000

ORANGE COUNTY, FLORIDA COUNTY:

Orange County Utilities Department

9150 Curry Ford Road, Suite 300 Orlando, Florida 32825 Attn: Director of Utilities

Telephone: (407) 254-9760

- 9. Sovereign Immunity. Neither Party to this Agreement nor its officers, agents, or employees shall, by this Agreement, be deemed to assume any liability for the acts, omissions and/or negligence of the other Party. CFX and the COUNTY do not waive and retain all defenses and protections provided to them under Florida and other applicable law, including without limitation, the defense of Sovereign Immunity as currently set forth in Section 768.28, Florida Statutes, for tort actions brought against CFX or the COUNTY and such immunity shall be applicable to any claim or action brought under this Agreement even if said claim or action sounds in contract rather than in tort.
- 10. **Disputes.** All claims, disputes and other matters in question between the Parties arising out of, or relating to, this Agreement or its performance or breach shall be resolved in accordance with the steps set forth:
 - (a) negotiation;
 - (b) non-binding mediation; and
 - (c) judicial resolution.
- 11. <u>Hazardous Materials</u>. Neither party shall cause hazardous materials or other potentially hazardous conditions on the property.
- General Provisions. The failure of either Party to exercise any power given hereunder 12. or to insist upon strict compliance with any obligation specified herein, and any custom or practice at variance with the terms hereof, shall not constitute a waiver of either Party's right to demand exact compliance with the terms hereof. This Agreement contains the entire agreement of the Parties hereto, and no representations, inducements, promises or agreements, oral or otherwise, between the Parties not embodied herein shall be of any force or effect. Any amendment to this Agreement shall not be binding upon any of the Parties hereto unless such amendment is in writing and executed by all Parties. The provisions of this Agreement shall inure to the benefit of and be binding upon the Parties hereto and their respective heirs, administrators, executors, personal representatives, successors and assigns. Whenever under the terms and provisions of this Agreement the time for performance falls upon a Saturday, Sunday, or Legal Holiday, such time for performance shall be extended to the next business day. The headings inserted at the beginning of each paragraph of this Agreement are for convenience only, and do not add to or subtract from the meaning of the contents of each paragraph. The COUNTY and CFX do hereby covenant and agree that such documents as may be legally necessary or otherwise appropriate to carry out the terms of this Agreement shall be executed and delivered by each Party. This Agreement shall be interpreted under the laws of the State of Florida. The Parties hereto agree that venue for any legal action authorized hereunder shall be in the state courts of Orange County, Florida. The Parties agree that each Party is

- responsible for its attorney's fees and costs associated with any resolution of any dispute. Time is of the essence in this Agreement and each provision hereof.
- 13. <u>Survival of Provisions</u>. All covenants, representations and warranties set forth in this Agreement shall survive the execution or delivery of any and all deeds and other documents at any time executed or delivered under, pursuant to or by reason of this Agreement, and shall survive the payment of all monies made under, pursuant to or by reason of this Agreement.
- 14. **Severability.** This Agreement is intended to be performed in accordance with, and only to the extent permitted by, all applicable laws, ordinances, rules and regulations. If any provision of this Agreement or the application thereof to any person or circumstance shall, for any reason and to any extent, be invalid or unenforceable, the remainder of this Agreement and the application of such provision to other persons or circumstances shall not be affected thereby but rather shall be enforced to the greatest extent permitted by law.
- 15. <u>Waiver of Jury Trial</u>. The Parties voluntarily waive a trial by jury in any litigation or action arising from this Agreement.
- 16. **Force Majeure.** The Parties shall be excused for the period of any delay in the performance of any obligation hereunder when prevented from so doing by cause or causes beyond the obligated party's reasonable control, which shall include, without limitation, civil commotion, civil disorder, riot, civil disturbance, war, war-like operations, invasion, rebellion, hostilities, military or usurped power, sabotage, fire or other casualty, and inability to obtain any material or services due to Acts of God. For all monetary issues, there shall be no events of force majeure.

SIGNATURES TO FOLLOW

IN WITNESS WHEREOF, the Parties hereto have caused these presents to be executed in their respective names as of the date below.

ORANGE COUNTY, FLORIDA, By: Board of County Commissioners By: _______ Teresa Jacobs Orange County Mayor Date: ______ ATTEST: Martha O. Haynie, County Comptroller As Clerk to the Board of County Commissioners By: ______ Deputy Clerk Print: ______ Date: ______

CENTRAL FLORIDA EXPRESSWAY

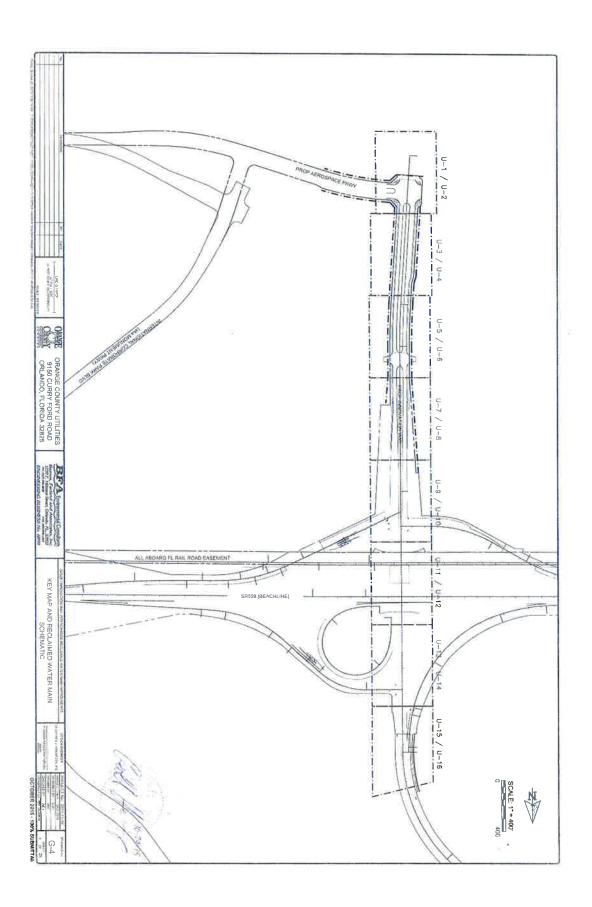
EXHIBIT "A" PLANS

LOCATION MAP RECLAIMED WATER MAIN IMPROVEMENTS **SR 528 / INNOVATION WAY INTERCHANGE** CONSTRUCTION DRAWINGS FOR Erras, Ferland and Associates, Inc. 1230 E. Hillcrast Street, Orlando, Pt., 32803 Pt. (empskasse) ENGINEERING BUSINESS No. 6899 **OCTOBER 2015** GOVERNMENT LORID **DISTRICT 4** PREPARED BY: ORANGE COUNTY UTILITIES 9150 CURRY FORD ROAD ORLANDO, FLORIDA 32825 DISTRICT 3: COMMISSIONER PETE CLARKE DISTRICT 4: COMMISSIONER JENNIFER THOMPSON DISTRICT 5: COMMISSIONER TED EDWARDS UTILITIES DIRECTOR: RAYMOND E. HANSON, P.E. DISTRICT 6: COMMISSIONER VICTORIA P. SIPLIN DISTRICT 2: COMMISSIONER BRYAN NELSON DISTRICT 1: COMMISSIONER S. SCOTT BOYD BOARD OF COUNTY COMMISSIONERS ORANGE COUNTY MAYOR PROJECT SEQUENCE No. 77005 CAPITAL PROJECT No. 1483-22 COUNTY ADMINISTRATOR: AJIT LALCHANDANI, P.E TERESA JACOBS GEOFFREY J. HENNESSY, P.E. FLORIDA REGISTRATION No. ENGINEER OF RECORD

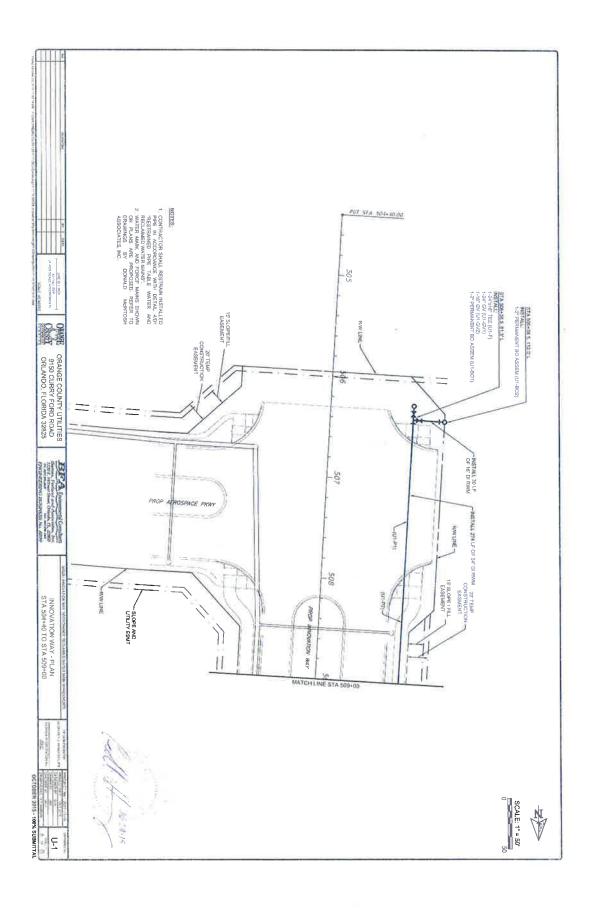
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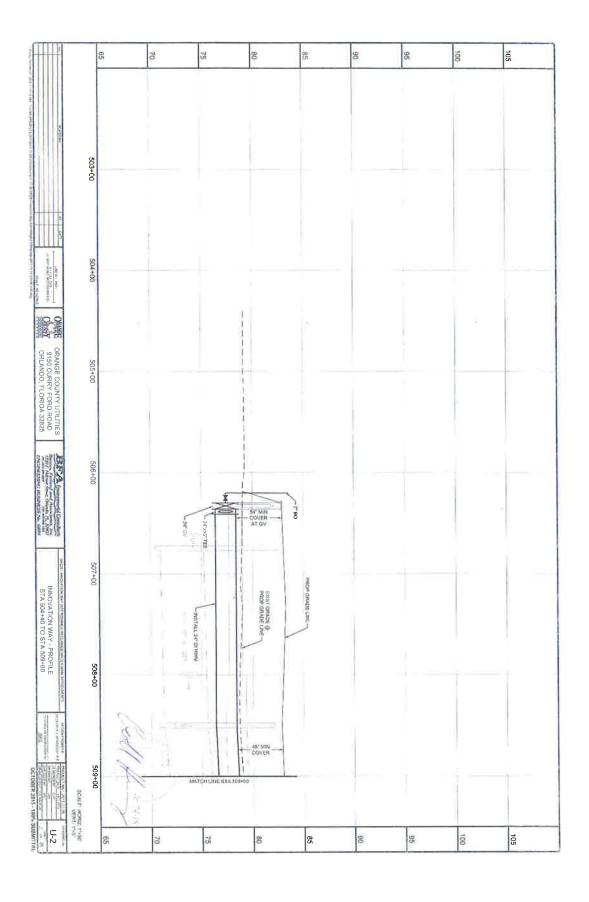
GENERAL NOTES ALL RECLAIMED WATER MAIN PIPING (EXCLUDING DIRECTIONAL DRILLED PIPE). SHALL DUCTILE IRON PIPE ALL MAIN REPAIRS TO BE COMPLETED IMMEDIATELY BY THE CONTRACTOR, AT THE CONTRACTORS COST, IF THE MAIN IS NOT REPAIRED IN A THEE, Y MAINTEN, AS DETERMINED BY THE ENGINEER, CHANGE COUNTY ULITIES PRESONNEL, MAY REPAIR MAIN AND THE CONTRACTOR WILL BE BACK CHANGED FOR PROPAGE. ALL BROCENIL SHALL BE COMPACTED TO NOT. LESS THAM 95% OF MAXMAM DRY DENSITY AS MEASURED BY MASTED THEM STETLED OF TEST (MODIFIED PROCEDS) AN OPEN AREAS AND ID NOT LESS THAM 95% MAXMAM, DEV DENSITY AS MEASURED BY MASTED AND THE STETLED BY MODIFIED PROCEDING THEM STETLED BY MODIFIED PROCEDING THEM STETLED AND THE STETLED PROCEDING THE STETLED BY THE COMPANY. THE CONTRACTOR SHALL PROVIDE ALL REASONABLE, ASSISTANCE DUBBLE OF THE STETLED. ALL PIEL DE ITTINGS AND APOURTENANCES NISTALED UNDER THIS PROJECT WILL BE COLOR CODED OR MARKED IN ACCEDIONACE MITH SUBPARAGRAPH 63.653.20 (27) IB) 3, FAC. USING BLUE AS A PREDOMINANT COLOR FOR WATER, GREEN FOR WASTEWATER, PURPLE FOR SEE DETAIL SHEET FOR SEPARATION REQUIREMENTS BETWEEN WATER MAINS. SEWER MAINS AND OTHER PIPELINES AND MAINS. NO CONCRETE ENCASEMENT OF PIPES WILL BE PERMITTED. ALL ENSINIA AND NEW COU WATER AND SEWER VALVES, YALVE BOXES, AND MANHOLES. SHALL BE PROTECTED AND AUDISTED TO PRINSED BRAZE AS SHOWN ON THE DRAWNAS. VALVE AND VALVE BOXES SHALL BEALAN ACCESSIBLE AT ALL THRES. MAY VALVES THAT WHATH BE COMERCED LIBRACO CONSTRUCTION SHALL BE LARGED WITH A MANGER (SHEEK OF SEARS, ALL BEALAND AND SHALL BE LARGED WITH A MANGER (SHEEK OF SEARS, ALL BEALAND AND SHALL BE LARGED WITH A MANGER (SHEEK OF SEARS, ALL BEALAND AND SHALL BE LARGED WATER MANN). A MANMAUM OF FOUR (A) FEET CONTRACTOR SHALL COORDINATE WITH ALL OTHER UTILITY OWNERS FOR RESOLUTION OF CONTRACTS CONTRACTOR SHALL HAVE BE FOUND DETERMINE THE RESOLUTION OF NAY UNINVERSE ON OF UNIFORESEER CONFLICTS. COSTS WULFRED SHALL BE BORKE BY THE UTILITY OWNERS AND/OR CONTRACTION AND UTILITY OF AND ADDITIONAL COMPENSATION SHALL BE MADE FOR THESE CONFLICTS, AND ADDITIONAL COMPENSATION SHALL BE MADE FOR THE PEROLD ET HIGHE OF SECONDARY CONFLICTS. MUNEDIATELY AT CONSET DE CONSTRUICTIONS COMINACTOR SHALL FIELD USRIEV HERCONTAL AND VERTEVAL CONTROLS OF ALL ENSTRUCTIONS CONTROLS CONTROLS CONTROLS CONTROLS CONTROL TO SHALL BE REPORTED TO CONTROLS SHALL BE REPORTED TO ENGINE CONTROLS IN ALL MONTROL SHALL BE REPORTED TO ENGINEERCOWNER IMMEDIATELY UPON DISCOVERY AND DETAILS ON THE REPORT SUPPORT AND PROTECT ALL EXISTING UTILITIES. CONTRACTOR SHALL CONTRICT UTILITY CONNERS FOR LOCKTION OF ALL EXISTING FACULIES. CONTRACTOR SHALL BE RESPONSIBLE FOR COCRONATING MUTH JUILITY MOMERS AND FOR PROMODING TEMPORARY SUPPORT FOR THE UTILITY POLES, ANCHOR QUYS, AND ALL OTHER UTILITIES BLEING CONSTRUCTION. WATER, WASTEWATES, AND RECLAIMED WATER VLAVES, PUMP SYATIONS OR OTHER UTILITY INFANSITRUCTURE ARE TO BE OPERATED ONLY BY ORNAGE COUNTY UTILITIES PERSONNEL, ALL VALVES SEING NOSTALLED ARE TO REMAIN CLOSED DURING CONSTRUCTION THE CONTRACTOR SHALL IMMEDIATELY NOTIFY ORANGE COUNTY UTILITIES DISPATCH (EMERGENCY ONLY) IN THE EVENT OF UTILITY MAIN BREAK OR DAMAGE AT 407/836-2777. COORDINATION AND COMMUNICATIONS WITH ORANGE COUNTY STAFF SHALL BE MADE THROUGH THE ORANGE COUNTY UTILITIES CONSTRUCTION DIVISION INSPECTOR ALL UTILITIES FACILITIES CONSTRUCTION CONNECTING TO THE CHANGE COUNTY PUBLIC UTILITIES SYSTEM SHALL CONFORM TO THE CHANGE COUNTY UTILITIES STEEDS SHADAROS AND CONSTRUCTION SPECIFICATIONS MANDAULA, AND BE ONE OF THE APPROVED PRODUCTS LISTED 20, COMPLETE ALL CONSTRUCTION WITHIN RIGHT OF WAY LIMITS AND EASEMENT LIMITS, UNLESS OTHERWISE NOTED. 22 BENCHMARK LOCATIONS AND ELEVATIONS ARE SHOWN IN THE PLANS AS REPRESENTED BY THE TIME OF CONTRACTOR SHALL KERRY ITS CORRECTIONS AND THE SINGE OF CONTRACTOR SHALL KERRY ITS CORRECTIONS AND DISTALL HIS QUANT ELEMPONARY DEDICHMARKS MAY DISCREED AND THE STATEMENT OF THE ATTENTION OF THE OCU UTILITIES INSTALL ARE RELEASE VALVES, KROY AT ALL HICH POINTS IN THE SYSTEM WREEK ARE CAN ACCUMENTATE LABOR THE STATEM WREEK ARE CAN ACCUMENTATE LABOR THAT AND APPURITE VALVESSES SHALL BE COURSE COSTED HER FOR THE THAT AND PURIFIEL FOR RECLAMED STATIONING FOR HIR RELEASE VALVES IS HAPPROYMATE CONTRACTION SHALL RISTALL ARE RELEASE STATIONING THE ARTHURS AT HIGH POINTS ON MAINING COORDINATE WITH THE ORDINATE COUNTY UTILITIES INSPECTION. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DEMATERIAG REQUIRED DURING CONSTRUCTION AND TO OSTAIN AND PAY FOR ALL PERMITS REQUIRED FOR THE TEMPORARY DEMATERIAG. PROTECT EXISTING IMPROVEMENTS TO THE MAXIMUM EXTENT POSSIBLE EXISTING IMPROVEMENTS AND DISTURBED AREAS TO ORIGINAL CONDITION. ALL PIPES SHAIL, BE RESTRAINED IN ACCORDANCE WITH THE RESTRAINT TABLES SHOWN ON THE DETAIL SHEETS. IN MODIFION, ALL ETTINGS SHALL BE MECHANICAL JOINT RESTRAINED NO THRUST BLOCKS SHALL BE PERMATED. RESTRAIN EXSTING PIPE WHICHE REQUIRED IN ACCORDANCE WITH THE RESTRAINT TABLES. PROPOSED RECLAIMED WATER MAIN SHALL BE CONSTRUCTED WITH A MINIMAL OF 48 INCHES OF COVER UNLESS SPECIFICALLY SHOWN OTHERWISE ON THE FLAMS. WHERE SHOWN SPECIFICALLY OTHERWISE ON THE PLANS MINIMAM COVER SHALL NOT BE LESS THAN 30 INCHES REQLAIMED GATE VALVE SHALL BE INSTALLED WITH 54 INCH MINIMAM COVER. ALL EXCAVATIONS SHALL BE BACK FILLED AT THE END OF EACH WORK DAY ALL CONNECTIONS TO EXISTING MAINS SHALL BE MADE BY THE CONTRACTOR ONLY AFTER T REPORTED CONNECTION PROCEDURE. AND WORK SCHEDULE HAVE BEEN REPORTED BY THE WORKER THE CONTRACTOR SHALL SUBMIT A WARTER HER PROJECT OF THE REQUEST OF THE REPORTED BY THE WARTER HER PROJECT OF THE REPORTED BY THE WARTER HER PROJECT OF THE REPORT OF THE PROFESSIONAL UNAN SHAPE OF THE PROFESSIONAL UNIN SHAPE OF THE PROFESSIONA ALL STATIONS AND OFFSET REFER TO BASELINE OF STATIONING ALL NORTHING AND EASTING COORDINATES ARE BASED ON THE STATE PLAIN SYSTEM STATIONING IS FOR REFERENCE ONLY THE CONNERS SMALL REVIEW THE SUBMITTAL WITHIN FIVE (IS) WORKING DAYS AFTER RECEIVING IT AND INFORM THE CONTRACTOR REGARDING AFFERDAD OF DEBAND, OF THE REQUEST IF THE CONTRACTOR SMALL RESUBMIT THE REQUEST THE CONTRACTOR SMALL RESUBMIT THE REQUEST THE CONTRACTOR SMALL CREATED WITHIN THE REQUEST THE CONTRACTOR SMALL CAN'S BE MADE ON THE CONTRACTOR WOMEN AND THE CONTRACTOR WITHIN THE AND COMPLETE THE CONNECTION WOMEN ON THE CONTRACTOR WITHIN THE AND COMPLETE THE CONNECTION WOMEN THE CONTRACTOR WITHIN THE AND COMPLETE THE CONNECTION WOMEN THE CONTRACTOR WITHIN THE AND COMPLETE THE CONNECTION WOMEN THE CONTRACTOR WITHIN THE AND COMPLETE THE CONNECTION WOMEN THE CONTRACTOR SHALL NOT OPERATE ANY VALVES IN THE SYSTEM A POINTS OF CONNECTION, FITTINGS TO BE USED METHODS OF FLUSHING AND VERIFICATION OF RESTRAINT ON EXISTING PIPE EDITIONS BESTIMATED CONSTRUCTION TIME FOR THE CONNECTIONS ORANGE COUNTY UTILITIES 9150 CURRY FORD ROAD ORLANDO, FLORIDA 32825 ARE BFA [more and function the little for the little fo ACTUAL RESTORE ALL COORDINATE ARE d 絽 G IMMEDIATE REPAIR SPILL NOTES LIEUTOTT WASTERNITH BYLL WATER MAN, BECLAMED WATER MAN BREAK PROCEDURES DAMAGE NOTEGATION EGOSON AND SEDMENT CONTROL MEASURES ARE TO BE PACED SHORTS, OR AS THE FIRST STEP IN CONSTRUCTION AND ARE THE MINIMUM REQUIRED. CONTRACTOR TO LIVERS! ADDITOMAL CONTROL SA SEEDED AT 190 ADDITIONAL COST, MATERIAS CREAM YORK ON THAS PROJECT. SHALL BE CONTINUED IN MOT ALL OWNED TO COLLECT, ON ANY OFF PERMICIPS AND THE PROJECT SHALL BE CONTINUED IN MOT ALL OWNED ON PLANS ON AS REQUIRED LIVER THE MINIMUM ROLL OF THE CONTRACT OF YOUR CONTRACT IS COMPRETED AND SOLS ARE STABLED AND VECETATION HAS BEEN STABLESHED MANUES SHOWNED AND THE CONTRACTOR WALL SHALL SHAL CONTRACTOR SHALL APPLY FOR AND SECURE ALL NECESSARY PERMITS FROM STATE COUNTY, AND LOCAL NUNIOPALTIES PERMITS SHALL INCLUDE, BUT NOT BE LIMITED TO RIGHT OF WAY USE, CONSTRUCTION, BUSINESS LICENSE, AND DEWATERING ALL DAMAGE TO ORANGE COUNTYS MAIN SHALL BE REPAIRED IMMEDIATELY WITHOUT DELLY. BY THE CONTRACTOR AT THE COUNTRACTORS EXPERSE IF THE REPAIR IS NOT MADE IN A THIRLY MID APPROVED MAINER, AS DETERMINED BY THE ORANGE COUNTY UTILITIES. INSPECTION, ORANGE COUNTY MAY PERFORM THE REPAIRS AND THE CONTRACTOR WILL BE CHARGED FOR THE REPAIRS! THE CRANCE COUNTY UTUITY DISPATCH OFFRATOR (007-856-777) SHALL BE NOTIFIED IMMEDIATELY IN THE EVENT OF A WAITER, FORCE MAIN GRAMTY SEWER, OR RECIAMED WAITER MAIN BREAK OR DAMAGE. UTILITY MAIN MARKERS ARE REQUIRED WHEN UTILITY MAIN IS LOCATED OVER 30 FEET FROM EDGE OF PAVEMENT OR IN AN EASEMENT NOT AQUACENT TO THE RIGHT OF WAY POR PIVO PIDE NO HORIZOYALASENICA, DIED REFLECTION WILL DE ALLOWED CONTRACTOR SMAL, USE FITTINAS (TO OBTIAN IT HE REQUIRED LELEBANCES ON UNCTILE LORAN PER CONTRACTOR SHALL NO I EXCEED 75% OF THE MANUFACTURES RECOMMENDATION FOR PIE DEFLECTION OTHERWISE USE FITTINGS TO OBTIAN REQUIRED CLEMANNES ALL FITTINGS SHALL DE AUDED TO L'EL CONCIDIANTE, ASSIT ALTRIBUTE FIREI E ALL EXISTING MAINS SHALL REMAIN IN SERVICE UNTIL THE PROPOSED MAIN(S) ARE ACCEPTED FOR SERVICE AND ALL SERVICES ARE TRANSFERRED TO THE MAIN(S) CONTRACTOR TO PROVIDE DETAILED AS BUILT DRAWINGS OF ALL UTILITIES UNCOVERED IN TRACHES THE ASBUILT SHALL RECORD LOCATION SIZE TYPE ELEVATION AND OWNER OF ALL UTILITY FAOLITIES UNCOVERED WHATER SEQUIECD AT NO ADDITIONAL COST TO THE COLUMNY THE CONTRACTOR SHALL USE TEMPORARY SHEFTING OF TREVIAL PAGES TO AUMURALE HE SET OF EXCHANIQUES AND HOTELT ENSITING ROUSINGS, UTLUTES AND OTHER FACILITIES OR AS WEEDED TO BEHAVE WHIRH THE UMITS OF CONSTRUCTION CONTRACTOR TO COLUMN WITH CHAIR TREVIAL TIMES. ALL PROPOSED SURIED DUCTILE IRON PIPE SHALL BE ENCASED IN POLYETHYLENE WRAP IN ACCORDANCE WITH SPECIFICATION SECTION 15062 SALVAGE AND/OR DISPOSAL OF ALL EXISTING EQUIPMENT SHALL BE AT THE DIRECTION OF THE ORANGE COUNTY INSPECTOR. GENERAL NOTES

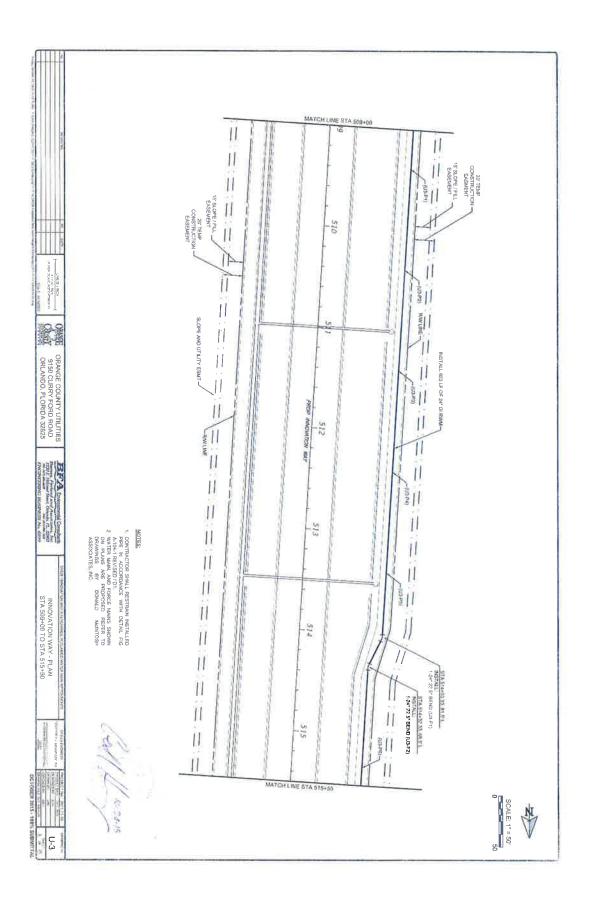
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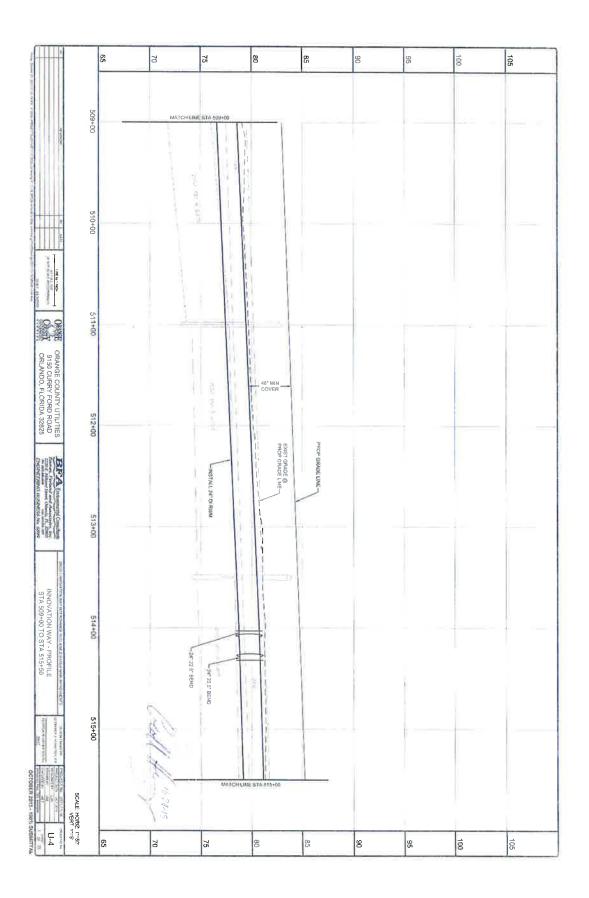


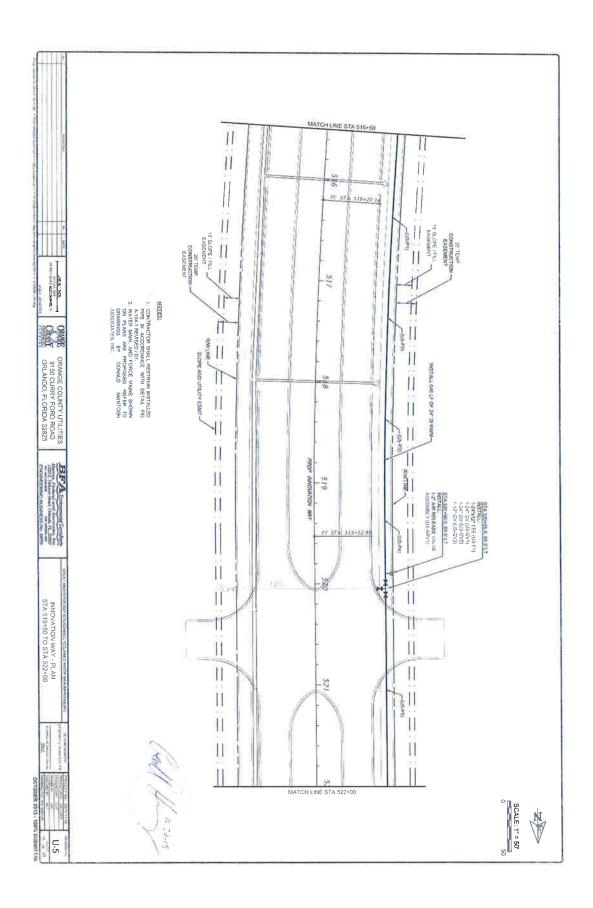
				CTILITY PIXTU					1050-TL-25 UTILITY PIPE (F	L	109-71-2 FIELD OFFICE	(%)	TEM	
			CTILITY FIXTURES (F&I) (20-49 9") (VALVE ASSEMBLY)	GTILITY FIXTURES (F&I) 18-19.9") (VALVE ASSEMBLY)	CTILITY FIXTURES (F&I)(24.9%) (BLOWOFF ASSEMBLY)	CTICITY FITTINGS (F&I) (DIKCI) (JEE) (20-49 9")	UTILITY FITTINGS (F&I) (DI/CI) (ELBOW) (20-19.9°)	UTILITY PIPE (F&I BY JACK & BORE) (STEEL) (CASING/CONDUIT) (MLV 9")	UTILITY PIPE (F&I) BY OPEN TRENCH) (STELL) (CASING CONDUTT) (20–19.9°).	UTILITY PIPE (F&f) (DJCf) (WATER/SEWER) (8-19 9")			DESCRIPTION	
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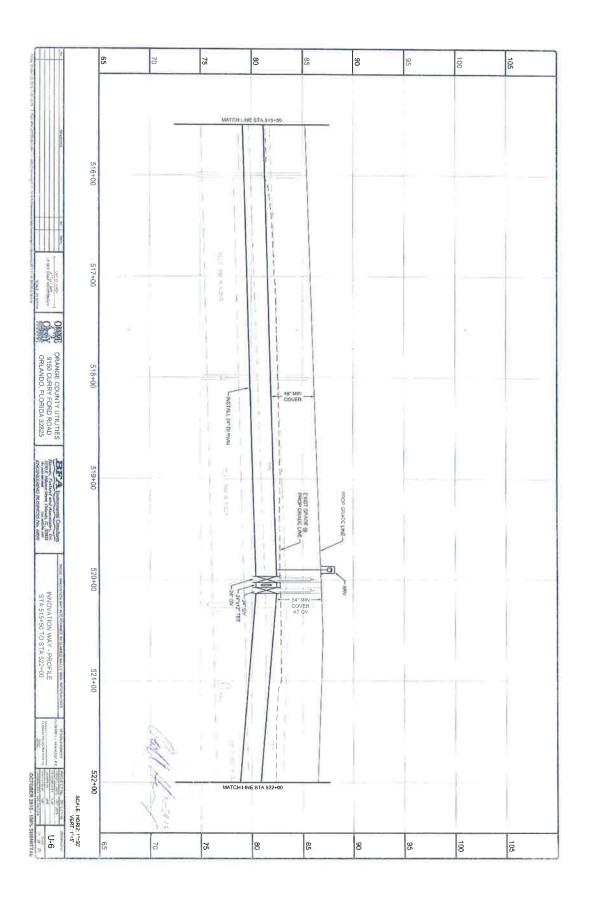


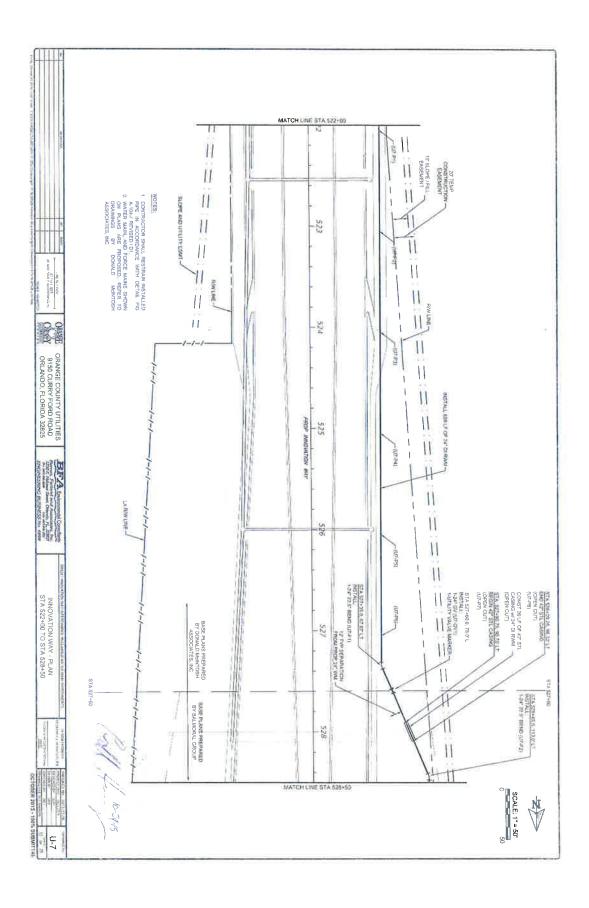


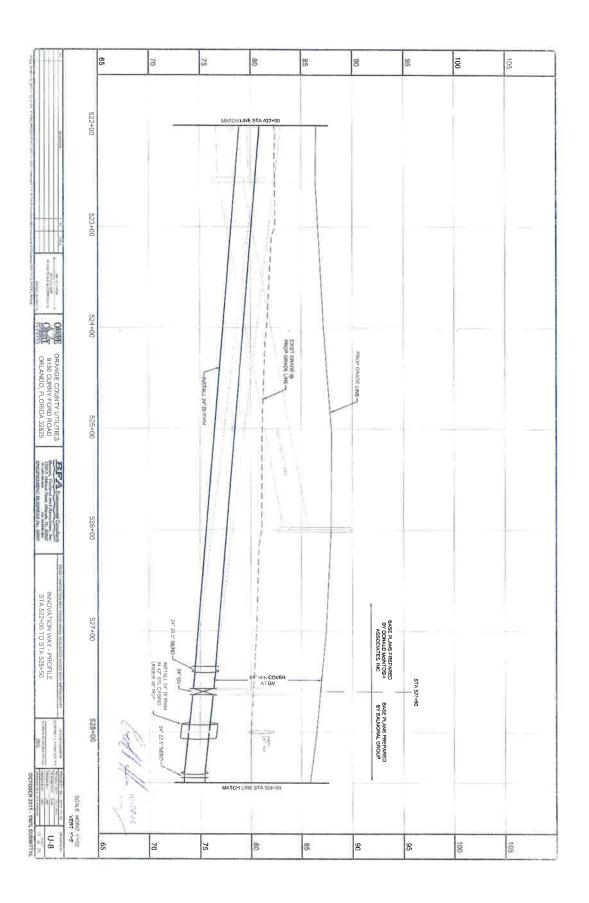


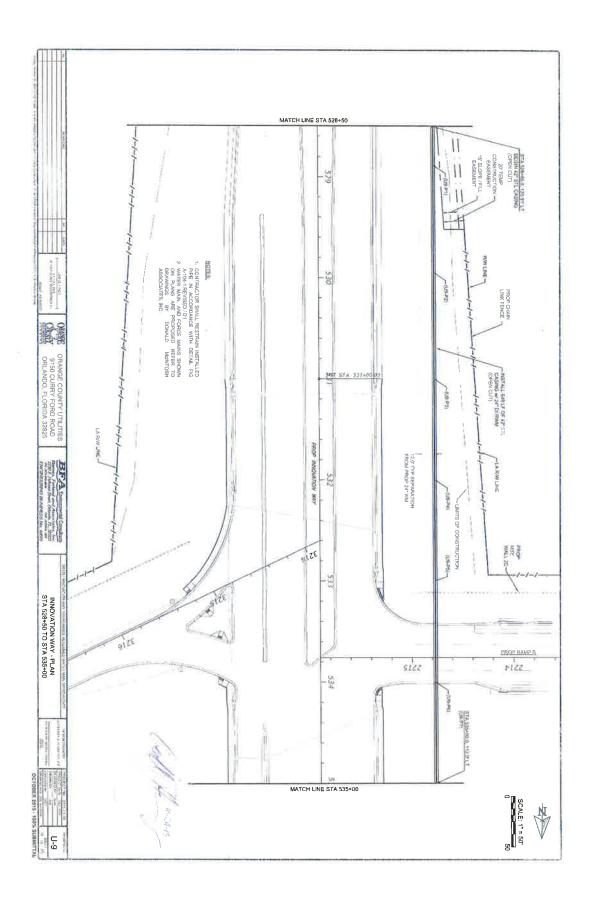


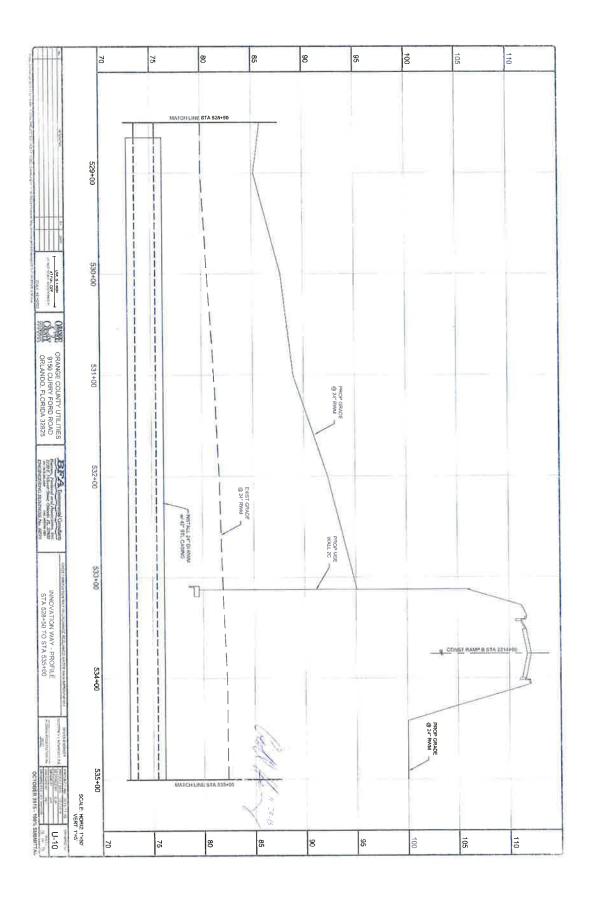


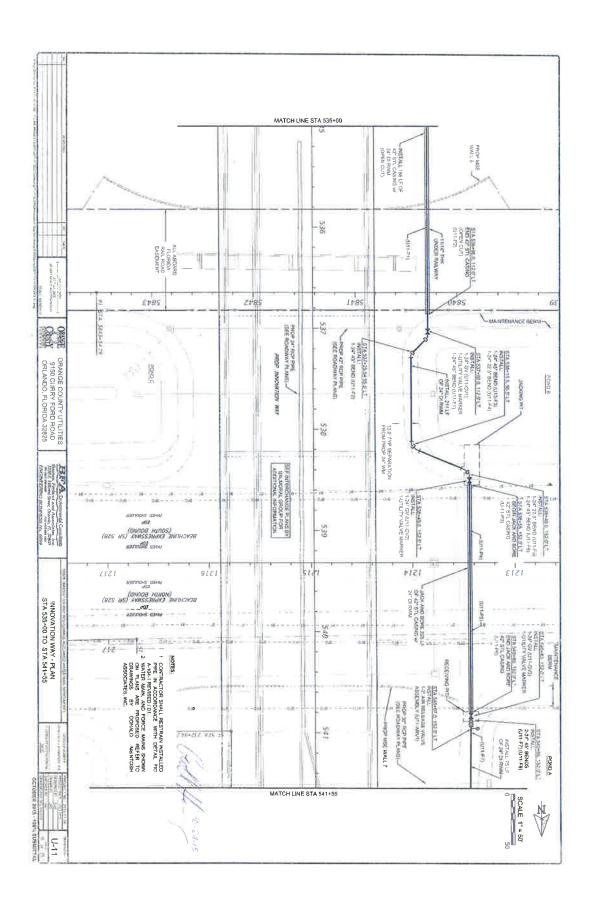


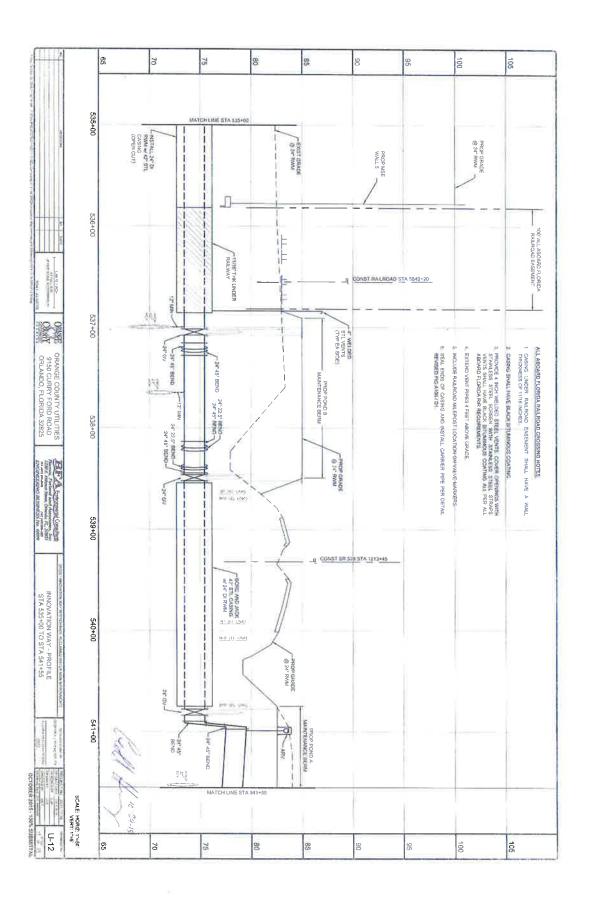


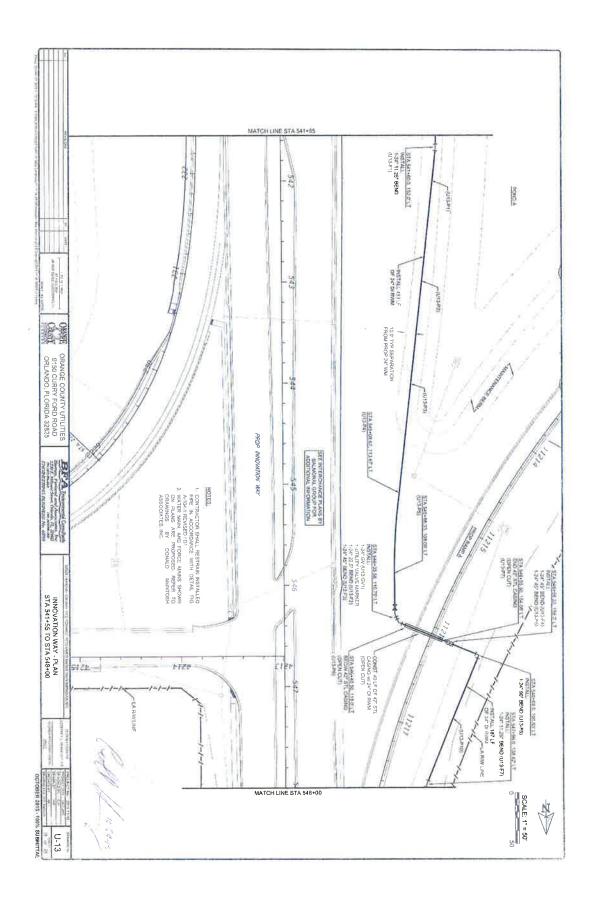


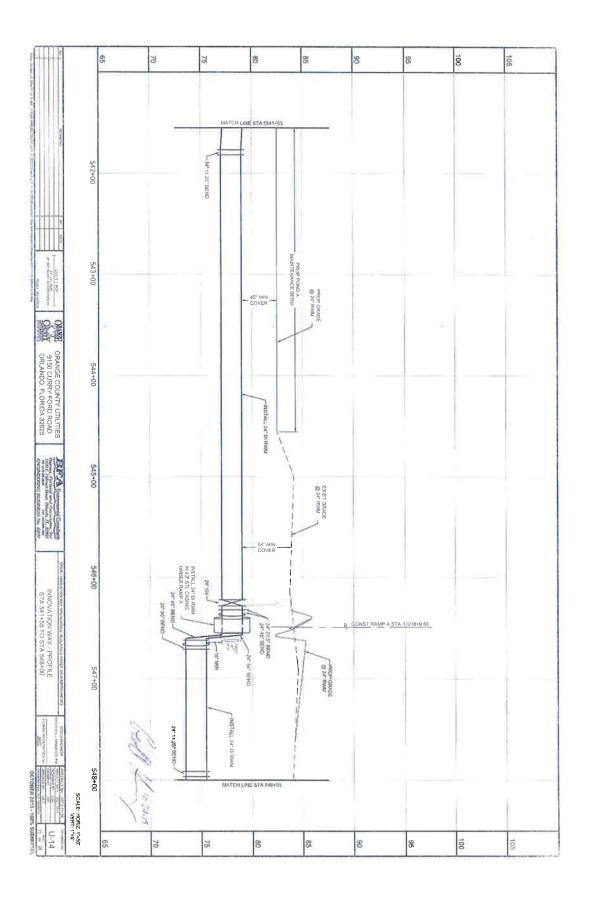


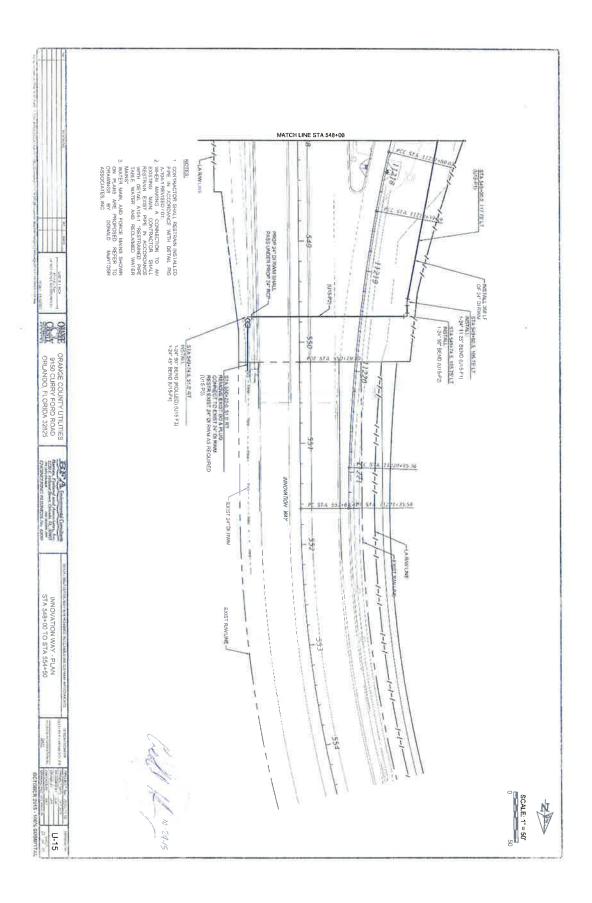


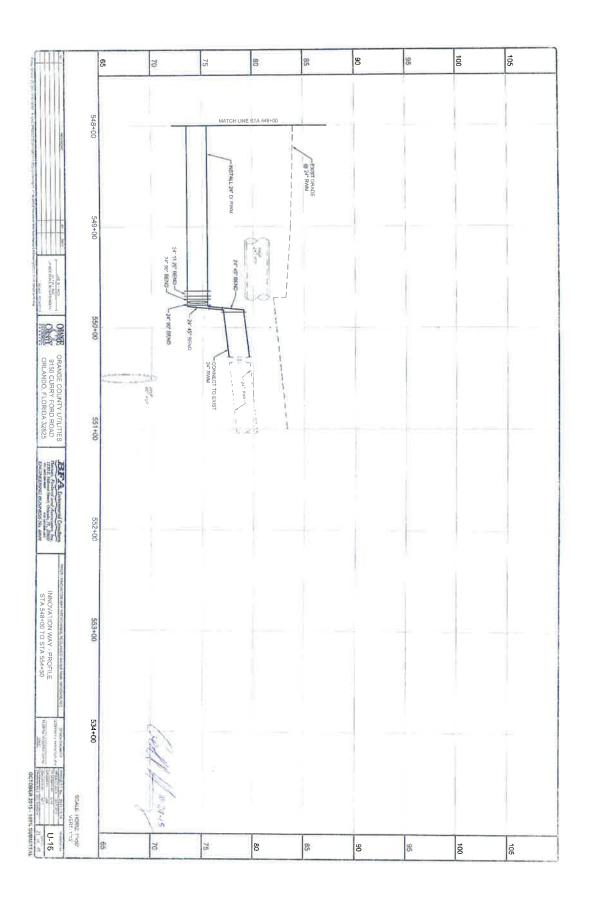


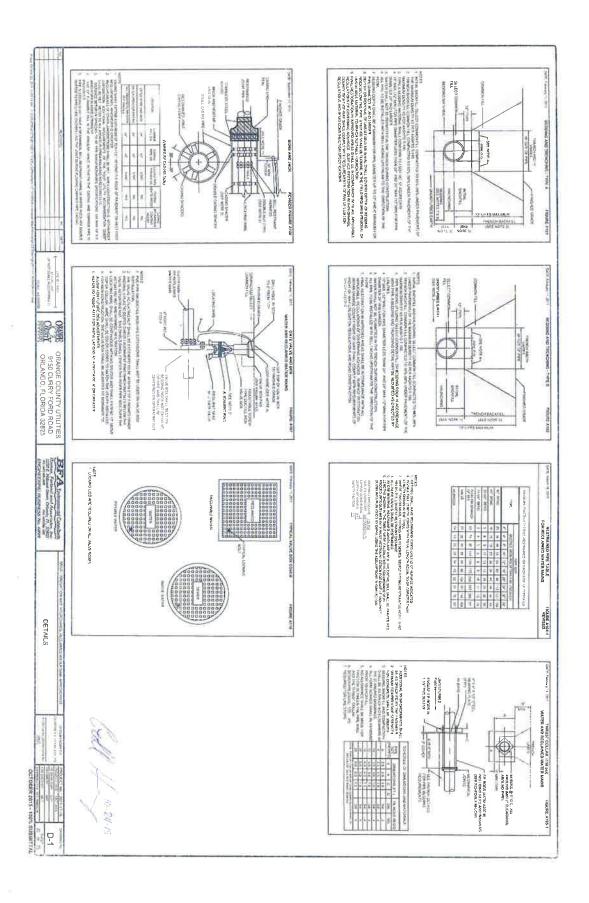


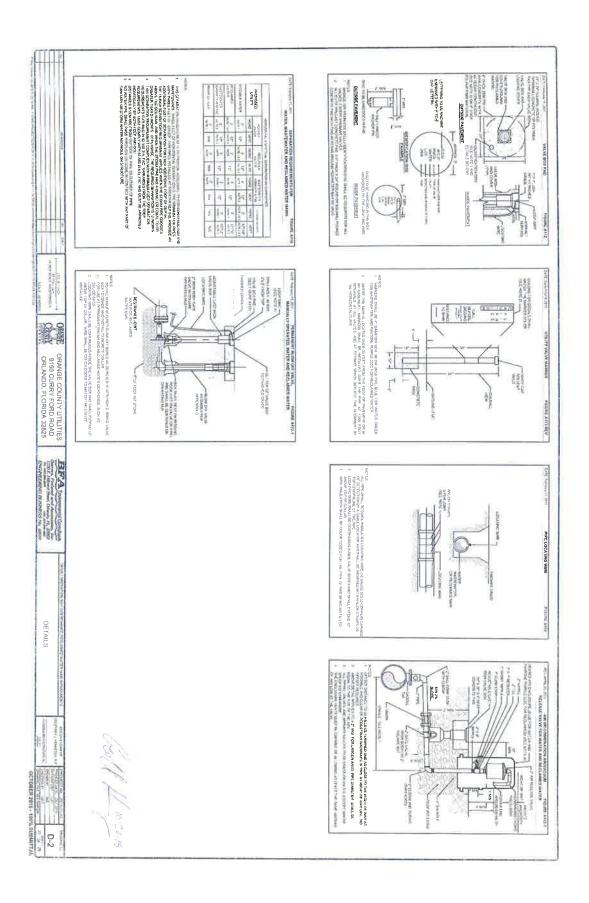












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EXHIBIT "B" UTILITY COST ESTIMATE

	OR	ORANGE COUNTY UTILITIES				
	SR 528/ INNOVATION WAY INTER	SR 528/ INNOVATION WAY INTERCHANGE RECLAIMED WATER MAIN IMPROVEMENTS				
	FINAL BID SI	FINAL BID SUBMITTAL ENGINEER'S ESTIMATE				
		3/24/16				
ITEM NUMBER	CFX PAY ITEM DESCRIPTION	ACUTAL DESCRIPTION	UNIT	γŢζ	UNIT COST	ESTIMATED TOTAL
oc 109-71-2	FIELD OFFICE	OCU INSPECTOR'S TRAILER	DA	570	06\$	\$51,300
OC 1050-11-424	UTILITY PIPE (P&1) (DI/CI) (WATER/SEWER) (8-199")	16" DI RECLAIMED WATER MAIN	ŗ	30	091\$	\$4,800
OC 1050-11-425	UTILITY PIPE (F&I) (DI/CI) (WATER/SEWER) (20-49.9")	24" DI RECLAIMED WATER MAIN	i,	3,586	\$175	\$627,550
OC 1050-11-515 A	UTILITY PIPE (F&I BY OPEN TRENCH) (STEEL) (CASING/CONDUIT) (20-49.9")	OPEN CUT 42" CASING W/ 24" RECLAIMED WATER MAIN	'n	968	\$575	\$515,200
OC 1050-11-515 B	UTILITY PIPE (F&I BY JACK & BORE) (STEEL) (CASING/CONDUIT) (20499")	JACK & BORE 42" CASING W/ 24" RECLAIMED WATER MAIN	LF	225	006\$	\$202,500
OC 1055-11-415	UTILITY FITTINGS (F&I) (DI/CI) (ELBOW) (20-49.9")	24" 11.25 DEGREE BEND	EA	3	\$2,400	\$7,200
		24" 22.5 DEGREE BEND	EA	7	\$2,600	\$18,200
		24" 45 DEGREE BEND	EA	10	\$2,800	\$28,000
		24" 90 DEGREE BEND	EA	ш	000'53	000*6\$
OC 1055-11-425	UTILITY FITTINGS (F&1) (DI/CI) (TEE) (20-49.9")	24" X 12" TEE	5.A.	1	\$3,400	\$3,400
		24" X 16" TEE	E.A	-	\$3,600	\$3,600
OC 1080-11-25	UTILITY FIXTURES (F&!) (2-4.9") (BLOWOFF ASSEMBLY)	PERMANENT 2" BLOW OFF VALVE ASSEMBLY	EA	2	\$2,500	000'5\$
OC 1080-11-26	UTILITY FIXTURES (F&I) (24.9") (VAC/AIR ASSEMBLY)	2" AIR RELEASE VALVE ASSEMBLY	EA	2	\$8,000	\$16,000
OC 1080-11-44	UTILITY FIXTURES (F&I) (8-19.9") (VALVE ASSEMBLY)	16" GATE VALVE	EA	2	\$10,000	\$20,000
OC 1080-11-54	UTILITY FIXTURES (F&I) (20-49 9") (VALVE ASSEMBLY)	24" GATE VALVE	EA	8	\$15,000	\$120,000
thossed seal of the	The embossed scal of the Engineer indicates that this cost estimate was prepared under the direct supervision of the signed registered tradessional engineer. The presence of this scal does not certify, warrant or guarantee the estimated construction costs will be the				SUBTOTAL	\$1,631,750
value of the bid(s) pations and represe	scual value of the bid(s) received. The Engineer's opinion of probable cost is made on the basis of the Engineer's experience and qualifications and ropresents the Engineer's best; Judgement at the time this estimate was prepared.	MOB/ DEMOB, GENERAL REQUIREMENTS (5% OF SUBTOTAL)	AL REQUIRE	EMENTS (5%	% OF SUBTOTAL)	\$81,588
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	MINCREY OF THE	RECORD DOCUMENT PREPARATION (1% OF SUBTOTAL)	ENT PREPA	RATION (19	% OF SUBTOTAL)	\$16,318
	NO N		CONTING	3ENCY (159	CONTINGENCY (15% OF SUBTOTAL)	\$244,763
2	CE BUNCHARIES			ENGINE	ENGINEER'S ESTIMATE	\$1,974,518