



Right-of-Way Utilization Permit

Please complete a separate application for each road

Date: 06-30-20

City of Umatilla

Business / Applicant's Name ("Permittee")

1 South Central Avenue

Applicant's Street Address

Umatilla, FL 32784

Applicant's City, State, Zip

13,14 / T19S / R26E

Section Township Range

Golden Gem Drive

Project Road Name

N/A

Subdivision and/or Site Plan Name (if applicable)

(352) 669-3125

Telephone Number

sblankenship@umatillafl.org

Applicant's e-mail address

10/12/20 / Credit Card

Paid Date Rec'd By

Check appropriate box:

- Underground Utility
- Overhead Utility
- Wireless Facility
- Other Utilization

Description of Work: The City of Umatilla will be installing approximately 1,400 LF of 12" PVC force main via conventional installation and directional drill in the south R-O-W of Golden Cross Drive from Lake Ferns Road to US 19.

Contractor: Unknown at this time

Telephone Number: ---

Start of Construction Date: 11/1/20

Construction duration: days

Is proposed work within city limits? Yes

If so, what city? Eustis

Applicant declares that he/she has determined the location of all existing underground and aerial utilities. A letter of notification was mailed on 3/5/20 to the following utilities & municipalities:

City of Eustis, CenturyLink, OpticalTel, FGT, Florida Natural Growers, Duke Energy, Equity Lifestyles Properties, Comcast, Summit Broadband, TECO Gas, Sumter Electric Co-op

By submitting and signing this application, the Applicant ("Permittee") declares that he/she has read the attached and agrees to be bound by the permit requirements and any and all general and special conditions herein.

Road # 7563	To be completed by County Staff
Permit # <u>9710</u>	Permit Fee: \$100.00 Fee Code: PWRW <input type="checkbox"/> Security Instrument Required
Checked by: <u>Joe Hinton</u>	Date Checked: <u>9/29/2020</u>
Approved by: <u>Terry Scott</u>	Date Approved: <u>9/29/2020</u>
Special Conditions: <u> </u>	Date Permit Expires: <u>9/29/21</u>
<u>See attached special conditions.</u>	
<p><i>For inspection, call the Lake County Public Works Department at 352-253-6019</i> Submit Permit to: Lake County Public Works, Post Office Box 7800, Tavares, FL 32778</p>	



Right-of-Way Utilization Permit Requirements

The purpose of a Right-of-Way Utilization permit is to control the use of public rights-of-way and public easements in the interest of the health, safety and welfare of the public. Any work within public rights-of-way and public easements requires an approved right-of-way utilization permit pursuant to Section 14.14.05, Lake County Code/Land Development Regulations. *Once approved, a notice of issuance of the permit may be recorded in the Official Records of Lake County, Florida.*

I. Application Requirements. Unless otherwise noted, permittee must submit one (1) original completed application and the following supporting documentation:

- A. A sketch or construction plans drawn to scale, showing the following if applicable to the work:
1. The offset from the centerline of the right-of-way or roadway to the proposed installation, the road right-of-way width and pavement width, the distance from the edge of pavement to the utility, sidewalks, and the location of all other utilities, including traffic signal utilities, within the area of work.
 2. One or more typical cross sections to adequately reflect the location of the utility. Please indicate the minimum vertical clearance above or below the pavement or natural ground.
 3. The location of the area of work in relation to the nearest road intersection, bridges, railroad crossings, and other physical features. Please include a location or vicinity map showing the general location of the installation.
 4. If this project will result in any new above ground structures, poles, or facilities please state where and what is proposed. Applicant may be requested to provide an engineer's certification that roadway clearance and sight distances have been met.
- B. Projects of significant length and land size may require a complete right-of-way survey.

II. General Conditions.

- A. This permit is a permissive use only and the placing of facilities in public rights-of-way or easements does not create or vest a property right in the permittee.
- B. **Permittee agrees that the rights and privileges herein set out are granted only to the extent of the County's right, title and interest in the land to be entered upon and used by the permittee, and the permittee will, at all times, assume all risk of and indemnify, defend and save harmless Lake County, its commissioners and employees from and against any and all loss, damage, cost, or expense arising in any manner on account of the exercise or attempted exercises by said holder of the aforesaid rights and privileges.**
- C. Permittee agrees it is the responsibility of the permittee, not the County, to determine if the work completed meets Americans with Disabilities Act (ADA) requirements and accessibility guidelines.
- D. At least fourteen (14) days prior to construction, permittee shall provide the County with proof that written notification has been given by permittee to all adjacent property owners stating the anticipated construction schedule, maintenance of traffic plan, and any impacts to the adjacent properties, if any. The notice must provide the name and telephone number of the permittee or permittee's project manager.
- E. Permittee shall post a copy of the approved permit on site at all times during the work.
- F. Permittee shall notify the County at least twenty-four (24) hours in advance of starting work. Permittee agrees all work shall take place during daylight hours, unless specifically authorized, and discontinued by sunset with proper signage and traffic control devices maintained during off hours.
- G. All work, materials and equipment shall meet all Lake County codes and standards. All right-of-way disturbed by this work shall be restored to its original condition or better and in accordance to applicable County Codes. All disturbed areas must be sodded with sod matching existing grass type. Bahia sod shall be used if no grass is present at time of construction. All work is subject to inspection by the County.
- H. The construction and maintenance shall not interfere with the property and rights of a prior applicant.
- I. Final inspection and acceptance of work by the County must be obtained to document the completion of the work.
- J. If this permit is being received for sealing, painting or surfacing of a driveway apron located in a right-of-way, the permittee acknowledges that the County is not responsible for maintenance or upkeep of the

sealant or paint. If the permittee or permittee's contractor causes damage to the County's property permittee shall be liable for the current cost of repair or replacement. Permittee shall not saw-cut, obstruct, or remove any portion of a sidewalk within a right-of-way without prior approval from the County.

III. Construction Conditions.

- A. Excavation shall not be allowed within five (5) feet from the edge of the pavement, unless prior approval is received from the Lake County Engineer.
- B. A traffic detour or lane closure shall require specific approval by the County. All traffic detours shall be restricted to the limits of right-of-way with necessary flagmen and marking devices. All construction and maintenance shall be performed with proper shoring, barricades, and maintenance of traffic signage in accordance with the FHWA Manual on Uniform Traffic Control Devices (MUTCD), OSHA law and regulations, and the Florida Department of Transportation (FDOT) Highway Safety Plan.
- C. Written approval from the Lake County Engineer shall be required before any alterations to existing traffic signal equipment including, but not limited to: vehicle detection loops and signal timing. If traffic signal vehicle detection loops are rendered inoperable, temporary detection shall be installed within twenty-four (24) hours. All traffic signal utilities disturbed by this work shall be restored to their original condition or better. Traffic signal utilities include but not limited to: vehicle detection loops, conduit, cabling, pull boxes, pedestrian signal equipment, span assemblies, signal heads, cabinet assemblies, cameras and fiber optic infrastructure.
- D. Open cuts of roads will not be allowed unless specifically authorized by Lake County. Underground pneumatic/missile boring is strictly prohibited under Lake County roadways. Only directional bore or jack and bore operations are acceptable. Unless Lake County determines it is impractical, bore operations and excavations shall maintain a five (5) foot minimum clearance from edge of pavement on road crossing each side. Bore depths shall be in accordance with FDOT Utility Accommodation Manual (UAM) unless specifically authorized by Lake County. Minimum bore depth under pavement is thirty-six inches (36") and a minimum bore depth below unpaved ground is thirty inches (30"). Any overhead installations should maintain a minimum of eighteen (18) feet vertical clearance over all roadways and driveways.
- E. Pursuant to Section 337.403(1), Florida Statutes, any utility placed upon, under, over, or along any public road or publicly owned rail corridor that is found by the County to be unreasonably interfering in any way with the convenient, safe, or continuous use, or maintenance, improvement, extension, or expansion of such public road or publicly owned rail corridor shall, upon thirty (30) days written notice, be removed or relocated by permittee at its own expense.
- F. It is agreed that in the event the installation, adjustment or relocation of utilities are scheduled to be done simultaneously with Lake County construction work, the permittee shall coordinate with Lake County before proceeding and shall cooperate with the County's contractor to arrange the sequence of work so as not to delay the work of the County's contractor, defend any legal claims of the County's contractor due to delays caused by the permittee's failure to comply with the approved schedule, and shall comply with all provisions of the law and Lake County's current *Utility Accommodation Manual*.
- G. Permittee shall report all right-of-way utilization activities to Sunshine State One-Call at least seventy-two (72) hours prior to commencement.
- H. If above ground utilities are being replaced, the old utilities and utility appurtenances must be removed from County right-of-way within thirty (30) days after new utilities are installed.

IV. Guarantee and Compliance.

- A. A performance bond or irrevocable letter of credit may be required of the applicant in the event the work covered by the right-of-way utilization permit has the potential to significantly damage the right-of-way. The security instrument shall comply with the applicable provisions of the Florida Statutes for public construction bonds and be in a form acceptable to the Lake County Attorney's Office. The security instrument shall be made payable to the Lake County Board of County Commissioners in the amount of one hundred ten percent (110%) of estimated cost to repair such damage, as determined by Lake County, and shall remain in effect until the work covered by the right-of-way utilization permit has been completed and accepted by the County.

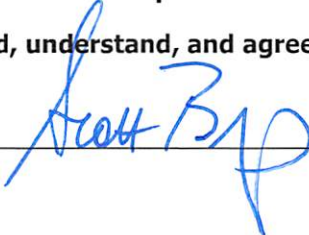
- B. In the case of noncompliance with the requirements and conditions of this permit, the facility will be brought into compliance by the permittee or removed from the right-of-way or easement by the permittee at no cost to the County.
- C. The County may issue "Stop Work" order(s) upon any permittee committing or creating an unsafe act which may create a public hazard or who is not complying with this permit or the applicable codes. The order shall remain in effect until such time as these matters are corrected. Permits shall be issued with the understanding that the applicant shall guarantee all work performed under the terms of the permit for a period of one (1) year from the date of final inspection and acceptance of work.
- D. Any failure(s) shall be repaired by the permittee, at no cost to the County, within five (5) days, unless the urgency of the problem requires a quicker reaction time. The permittee shall be responsible for all repair costs incurred due to damages to existing utilities, including, but not limited to, errors in locating existing utilities during construction.
- E. Removal/Relocation: Whenever the County deems necessary and upon the County's request, any or all of the work or appurtenances authorized by this permit shall be immediately removed from the right-of-way, relocated, and the right-of-way returned to original state, as required by the County, at the expense of the permittee, unless reimbursement is specifically authorized. Upon ten (10) days written notice, the permittee shall be required to remove and relocate the improvements placed within the right-of-way at the applicant's sole expense.

V. Wireless Facilities.

- A. Right-of-way may be used for wireless facilities pursuant to Section 337.401, Florida Statutes, Advanced Wireless Infrastructure Deployment Act. Wireless providers are encouraged to collocate.
- B. Prior to installing a small wireless facility and associated wireless equipment, a wireless provider shall apply and obtain a right-of-way utilization permit. An application shall be submitted for each facility location. Within fourteen (14) days of submitting an application, the County may request the proposed location for the facility be moved to another location or negotiate an alternative location.
- C. In addition to the documents required in Section I above, a wireless provider must submit the following: (1) a sketch of the equipment to be used, (2) the registration and permit fee, (3) proof of insurance, (4) a copy of federal or state certification or license authorizing the permittee to provide communications services.
- D. Permittee shall be liable to the County for the costs of any repairs made necessary by any such displacement, damage or destruction of facilities belonging to the County. In the case of an emergency, the County may commence repairs without any prior notice to the registrant.
- E. Removal/Relocation of Wireless Facilities: Whenever the County deems necessary and upon the County's written request, permittee shall remove the wireless facility and associated wireless equipment at the expense of the permittee. If permittee fails to remove after 30 days from the County's request, the County may remove or relocate the facilities at the sole cost and expense of the permittee, without the County incurring liability for damages.
- F. A wireless provider shall provide the County notice upon any assignment or transfer of this permit, and any assignee, buyer, or transferee shall be bound by these permit requirements.

The County shall not be responsible for damages to any structure, facilities, or equipment placed within the right-of-way by permittee, permittee's successors or assigns. All structures shall be properly maintained by permittee, at permittee's expense, and shall be adequately visible or properly delineated to prevent damage due to normal maintenance of the right-of-way.

I have read, understand, and agree to be bound by the above requirements:

Signature 

Scott Blankenship, City Manager
 Print Name

07/01/2020
 Date

RECEIPT

LAKE COUNTY BOCC

315 W MAIN ST
Tavares, FL 32778
US

Return Codes

Request ID 6025307674976690003254
Result Code SOK - Request was processed successfully.

Order Information

Transaction Type Sale
Transaction Source MOTO - Mail/Phone Order
Comments Right-of-Way Utilization Permits (2)

Merchant Defined Data

[1] Right-of-Way Utilization Permits (2)
[2] Department Public Works
[3] 5056260.341213

Total Amount : 204.00 USD

Customer Information

Name Aaron Mercer
Credit Card Type Visa
Credit Card Number XXXX XXXX XXXX 7355
Company City of Umatilla
Email Address amercer@umatillafl.org
Billing Address Aaron Mercer
City of Umatilla
1 South Central Ave.
Umatilla , FL 32784
us

Signature:

X



Special Conditions
Right-of-Way Utilization Permit #9710

Please abide by the following conditions:

1. The force main must be installed more than 5' from the edge of pavement and as close to the right-of-way line as possible.
2. The Department of Public Works requests that Lake County be added to the performance bond between the City of Umatilla and the contractor for this project, if possible.
3. To facilitate coordination and communication, the City of Umatilla is required to have a Lake County Public Works official present at the pre-construction meeting for this project.

PUBLIC WORKS
P.O. BOX 7800 • 315 W. MAIN ST., TAVARES, FL 32778 • P 352.253.6000 • F 352.253.6016
Board of County Commissioners • www.lakecountyfl.gov

TIMOTHY I. SULLIVAN
District 1

SEAN M. PARKS, AICP, QEP
District 2

WENDY R. BREEDEN
District 3

LESLIE CAMPIONE
District 4

JOSH BLAKE
District 5

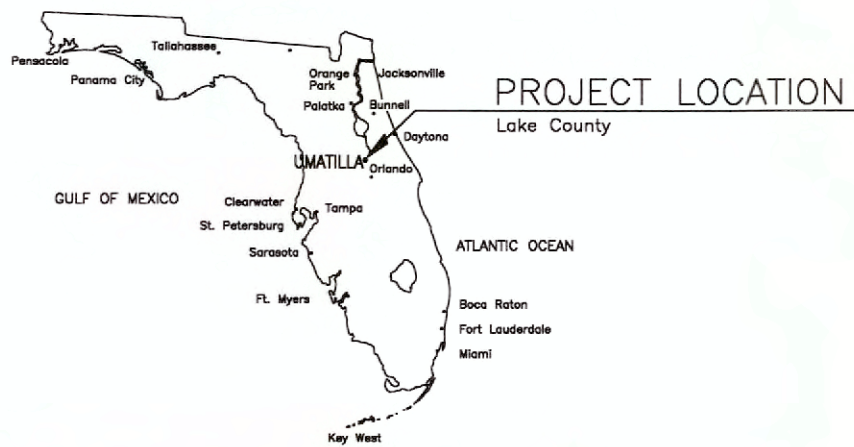
SRF WASTEWATER INTERCONNECTION WITH CITY OF EUSTIS

FOR CITY OF UMATILLA, FLORIDA

M & A Project No. 1402-03-1

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5	UMATILLA WWTF PAVING, GRADING, DRAINAGE & YARD PIPING
6	SCREENING STRUCTURE MECHANICAL PLAN, SECTIONS & DETAILS
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50	MAINTENANCE OF TRAFFIC



ERIC A. OLSON
MAYOR

KENT ADCOCK
VICE MAYOR

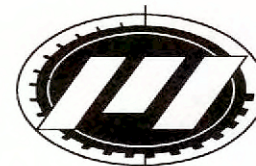
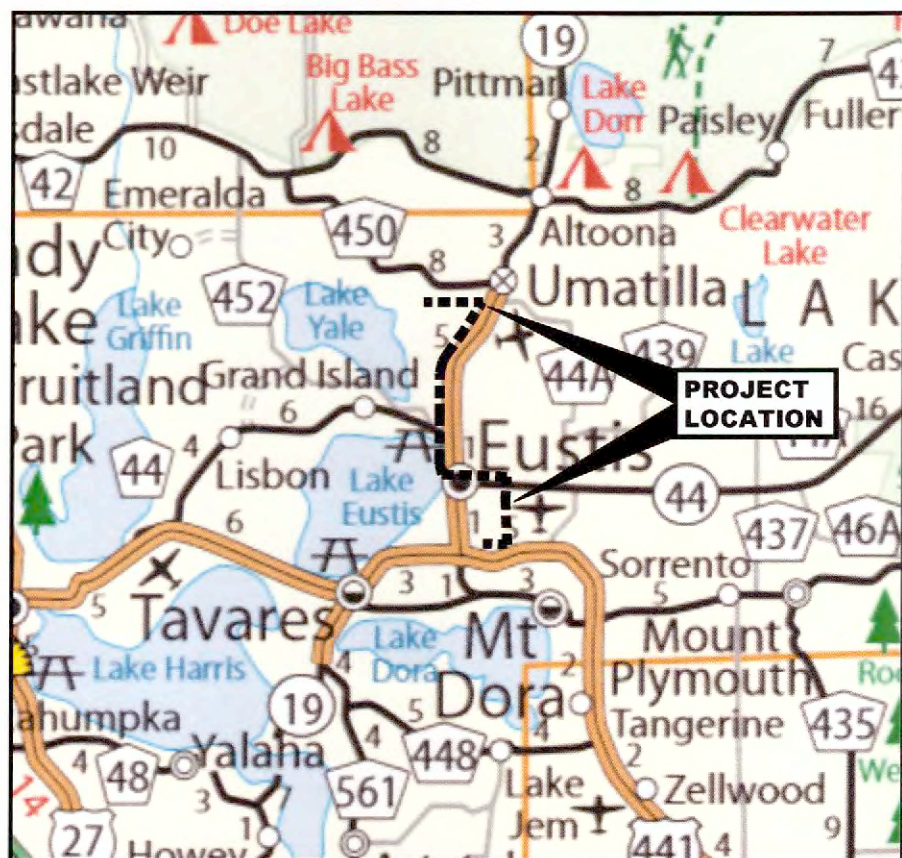
LAURA KELLEY WRIGHT
COUNCIL MEMBER

BRIAN BUTLER
COUNCIL MEMBER

KATHERINE "KAYE" ADAMS
COUNCIL MEMBER

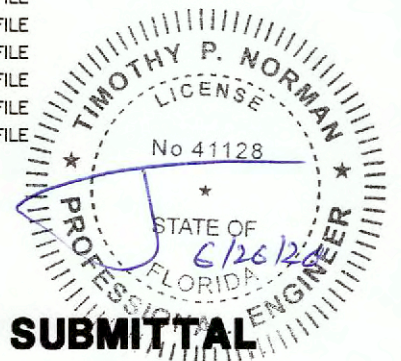
SCOTT BLANKENSHIP
CITY MANAGER

AARON MERCER
PUBLIC WORKS DIRECTOR



MITTAUER
& ASSOCIATES, INC.
CONSULTING ENGINEERS

580-1 WELLS ROAD, ORANGE PARK, FLORIDA 32073
TEL. (904) 278-0030 FAX. (904) 278-0840 FLORIDA LICENSE EB-6569



SRF SUBMITTAL

06/26/20

GENERAL NOTES

ABBREVIATIONS

LEGEND

A. GENERAL CONSTRUCTION NOTES

- 1. Existing underground utilities have been shown from the best available information. The Contractor shall notify the proper Utility Representatives prior to commencing excavation near the utility. The Contractor is responsible for locating all utilities in the path of construction. Contractor shall field determine the location, size, and depth of all existing piping. The Contractor shall call the Sunshine State One Center (1-800-432-4770).
2. It shall be the sole responsibility of the Contractor to locate and avoid all utilities, structures and obstructions both above and below the ground surface. All damages resulting from the contractor's failure to comply with this requirement shall be repaired at the Contractor's expense.
3. Contractor is responsible for supporting/protecting & maintaining all existing improvements (i.e., utilities, utility poles, structures, pavement, sidewalks, monitoring wells, foundations, etc.) which may be damaged/undermined or interrupted as a result of his operations. The Contractor shall immediately notify the Engineer of any such occurrences. The Contractor may be required to shore, sheet, brace, or support work to protect existing improvements. The Contractor shall maintain a minimum of 5 feet of undisturbed soil around all power poles. Where edge of utility trench would be closer than 5 feet from poles, Contractor shall be required to sheet around pole to maintain 5 feet of undisturbed soil. Where 5 feet of undisturbed soil cannot be maintained, Contractor shall make arrangements with power company to have poles held/braced. All costs associated with supporting/protecting existing improvements shall be borne by the Contractor.
4. All existing facilities (e.g., pipes, roadways, sidewalks, landscaping, structures, etc.) not indicated to be disturbed/restored which are disturbed/damaged as a result of the Contractor's operations shall be restored to a condition equal to or better than that which existed prior to construction, at Contractor's expense.
5. Horizontal and vertical controls are subject to adjustments in the field if necessary to avoid utility conflicts upon approval of the Engineer or his representative. Contractor shall not adjust location of pipe or other facilities (either vertically or horizontally) without approval of the Engineer or his representative.
6. Contractor shall provide constant slope between indicated pipe invert elevations, unless otherwise directed by Engineer.
7. Contractor shall not remove any trees of 4-inch diameter or larger without Engineer's approval. Adjustment of pipe location to avoid trees shall be subject to approval of the Engineer. The Engineer makes no claim that any tree will survive construction of the proposed project.
8. The Contractor shall at all times conduct his operations so as to interfere as little as possible with the existing facilities. The Contractor shall develop a program in cooperation with the Owner's operating staff which shall provide for the construction of and putting into service the proposed work in the most orderly manner possible. All work of connection with, cutting into and reconstruction of existing facilities shall be planned so as not to interfere with the existing facility.
9. The Contractor shall provide all traffic control measures necessary to perform the work at his expense. Traffic control shall be in accordance with governing local, state and federal agencies including the MUTCD latest edition.
10. Contractor shall provide all fill required to achieve proposed grades at his expense.
11. All pipe shall be properly restrained using mechanical joint gaskets (see specifications). No thrust blocking will be allowed unless specifically indicated on drawings or directed by Engineer. All exposed piping 3" in diameter and smaller shall be freeze protected with insulation.
12. All aboveground piping shall be properly supported and/or secured to tanks, buildings, or other structures using SS straps and fasteners.
13. All pipe shall have 36" minimum cover unless otherwise directed by Engineer.
14. Warning tape and tracer wire shall be installed along all water mains, laterals and force mains, in accordance with the specifications.
15. Contractor shall apply for and obtain FDEP Generic Permit for Large and Small Construction Activities (GDP). The Contractor shall act as the Operator of all temporary construction phase pollution prevention improvements and responsible for their design, selection and implementation. Schematic erosion control measures are provided in these documents and shall be the basis of the Contractor's design.
16. During any construction activity, including stabilization and revegetation of disturbed surfaces, the Contractor is responsible for the design, selection, permitting, implementation and operation of all temporary construction phase erosion and sediment control measures required to retain on-site sediment and prevent violations of the State of Florida water quality standards. The Contractor shall use appropriate best management practices described in the State of Florida Erosion and Sediment Control Design and Review Manual, June 2007. All turbidity/silt barriers must be in place downgradient from the construction zone prior to the start of any construction activity in general accordance with the plans and details provided in these documents. The barriers shall remain in place until all the disturbed areas have been properly stabilized.
17. Maintenance and Operation of the Surface Water Management System: Upon completion of construction of the project, the Contractor shall remove accumulated sediment resulting from his operations from the existing stormwater system.
18. Unsuitable materials exposed during construction under utility pipes or structures shall be removed and replaced with selected backfill, properly compacted, in accordance with specifications.
19. Compaction: Unless otherwise noted, the required percentage of maximum compaction shall be as follows: (per modified proctor max. dry density, ASTM D 1557)
Pipe Embedment ≥ 98%
Above Pipe Embedment - Paved Areas ≥ 98%
Above Pipe Embedment - Non-Paved Areas ≥ 95%
Under Structures and Slabs ≥ 98%
All other Areas ≥ 90%
When moisture content of soils do not allow required densities to be achieved, Contractor shall employ "best management practices" to achieve equivalent density, subject to Engineer's approval.
20. It shall be the responsibility of the Contractor to acquire and read a copy of the soils report for this project (if provided). The Contractor shall consider all recommendations in the geotechnical soil report as the minimum requirements for soil placement, preparation and testing for this project.
The minimum compaction testing of fill/backfill and existing soils shall be the more stringent requirements described in the contract documents for this project, the geotechnical soil report, or governing agency. The minimum density testing frequency shall be as follows:
For existing soils and each lift of fill:
(1) test per 2,500 s.f. of building area
(1) test per 5,000 s.f. of paved area
(1) test per 10,000 s.f. all other areas
After placement of each lift of fill and/or excavation to bearing level soils shall be further tested as follows:
(1) test per 100 Lf. of continuous footing
(1) test for 25% of all isolated footings
(1) test per 300 lf of utility pipe
(1) test per utility structure
21. Engineer or his representative shall approve location of density tests.
22. Where existing culverts must be removed to construct the project, the Contractor shall reinstall the culverts as soon as practical. If the culverts are not suitable for reuse, the Contractor shall, at his expense, extend/replace the culverts as required with similar materials to accommodate the work while maintaining existing invert elevations for all extended/replaced culverts. Provide all required excavation and fill necessary to extend/replace the culvert. The Contractor shall ensure, at his expense, temporary measures are provided to maintain existing drainage patterns.
23. The contractor shall temporarily relocate the postal mail boxes and clusters as required for the construction of the project and reinstall them in their original locations upon completion of the construction. All work associated with the mail boxes or clusters shall be in accordance with the requirements of the U.S. Post Masters Office.
24. Only that excavation that can be backfilled by the end of the work day will be excavated. No open trench will be allowed to remain after work ends for the day, unless approved by Engineer or governing authority.
25. All areas disturbed by construction shall be seeded and mulched except as otherwise sodded or planted to control erosion, or in accordance with the drawings. All areas within the R/W which are disturbed by construction shall be regraded and sodded.
26. Contractor shall be responsible for maintaining service to the existing treatment plant facilities. He shall perform all bypass pumping necessary to keep the plant operating properly during construction. He shall coordinate all diversions of flow, draining of tanks, demolition of existing facilities, etc. closely with Owner to avoid potential treatment violations and operating problems. Contractor may be required to perform some work during low flow hours (e.g. 12:00 a.m. to 5:00 a.m.). All arrangements for bypass pumping, diversion of flow, draining of tanks, demolition, etc. shall be subject to approval of owner and engineer. All costs associated with bypass pumping and other temporary facilities shall be borne by the Contractor.
27. Until final acceptance of the work by the Owner, it shall be under the charge and custody of the Contractor and he shall take every precaution against injury or damage to the work by the action of the elements or from any other cause whatsoever, arising either from the execution or from the non-execution of the work. The Contractor shall rebuild, repair, restore and make good without any additional compensation, all injury or damage to any portion of the work occasioned by any of the above causes before its completion and acceptance.
28. The Contractor shall employ the services of a Florida licensed surveyor who shall be responsible for laying out the work and for establishing the following: project temporary bench marks; elevation lines and grades; and right-of-way and easement limits for construction. Contractor shall also employ the services of a Florida Licensed Surveyor to obtain the required record drawing information.
29. The Contractor shall employ a land surveyor, registered in the State of Florida to reference property and restore property corners and land markers which may be disturbed as a result of Contractor's operations.
30. Project Benchmark: See Sheet No. 3 for location and description of Benchmark.
31. Topographic information based on a survey by Mittauer & Associates, Inc., Project No. 9021-62-1.

B. FORCE MAIN NOTES

- 1. All sewer line work shall be in accordance with FAC 62-800, Domestic Wastewater Facilities and FAC 62-804, Collection Systems and Transmission Facilities.
2. The Contractor shall coordinate the construction of Force Main facilities with all other construction. The Contractor shall verify the location and elevation of the proposed Force Main connection prior to commencing work. It shall be the Contractor's responsibility to notify Owner and Engineer of any discrepancies.
3. Force Mains are designed to finished grade and shall be protected until finished work is complete.
4. All workmanship, material, testing and as-built drawings shall conform to the latest standards and specifications of the local utility company.
5. Refer to specification section 02540.3.080 for drawing requirements between force mains and other utilities.

C. PAVEMENT STRIPING AND SIGNAGE NOTES

- 1. Unless otherwise noted on the drawings, all existing signs removed by the construction activity, shall be restored to their original position prior to completion of the project. Any signs damaged during construction shall be replaced at the Contractor's expense.
2. All signs and pavement markings shall conform to the Manual on Uniform Traffic Control Devices (MUTCD) and the Florida Department of Transportation Roadway and Traffic Design Standards, latest editions.

D. FDOT GENERAL NOTES

- 1. All work performed within the Florida Department of Transportation Right-of-Way shall conform to the most current edition of the following publications:
- Standard Specifications for Road and Bridge Construction.
- FDOT Design Standards.
- FDOT Flexible Pavement Design Manual for new construction and pavement rehabilitation.
Should a conflict arise between the details shown in the plans and the Department of Transportation Standards, the Engineer/Permittee shall immediately confer with the Department's Engineer in order to resolve the discrepancy. In no case will anything less than the Department's minimum standard be allowed.
2. Removal of existing striping shall be accomplished using the "hydro-blast" method. If this process damages or scars pavement, the pavement shall be milled and resurfaced per FDOT standards.
3. All disturbed areas within the Department of Transportation Right-of-Way shall be restored to FDOT requirements.
4. Burning of any material or debris is prohibited in FDOT Right-of-Way.
5. All lanes must be opened for traffic during an evacuation notice of a hurricane or other catastrophic event and shall remain open for the duration for the evacuation or event.

ABBREVIATION

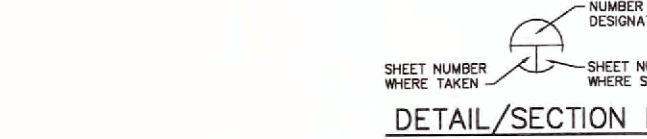
Table with 2 columns: ABBREVIATION, DESCRIPTION. Lists various engineering symbols and their meanings such as ABOVE FINISH FLOOR, BURIED FIBER OPTIC, CONDUIT, etc.

ABBREVIATION

Table with 2 columns: ABBREVIATION, DESCRIPTION. Lists various engineering symbols and their meanings such as GALLONS(S), GALVANIZED IRON PIPE, GPM, etc.

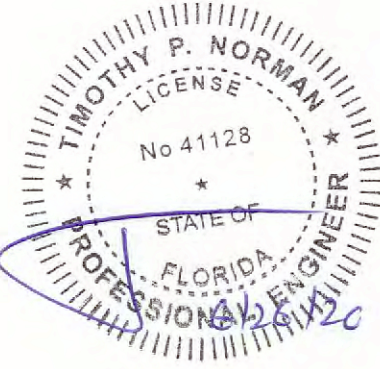
ABBREVIATION

Table with 2 columns: ABBREVIATION, DESCRIPTION. Lists various engineering symbols and their meanings such as POUNDS PER SQUARE INCH ABSOLUTE, POUNDS PER SQUARE INCH GAGE, etc.



PROJECT CONTACTS

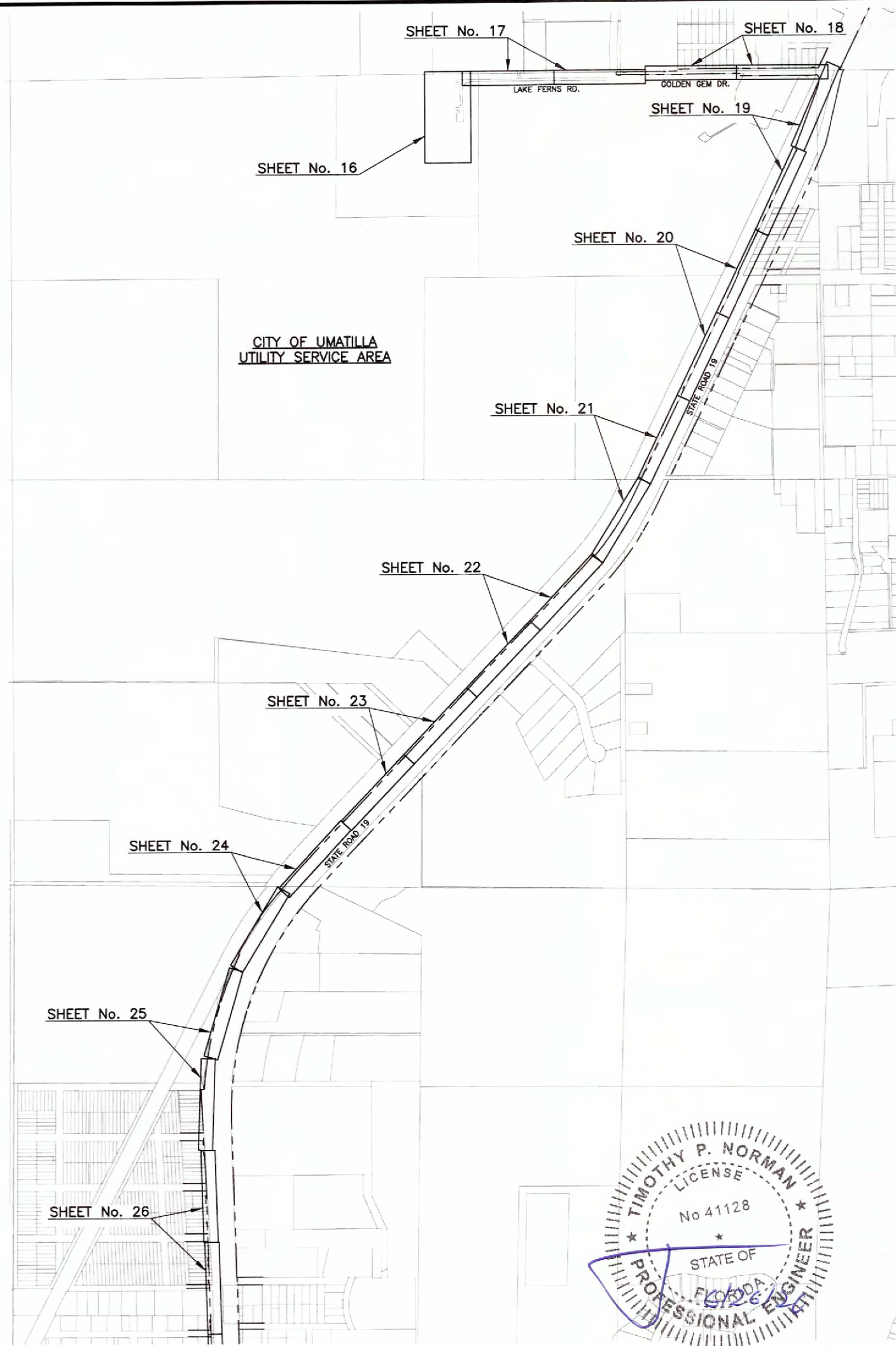
Table with 5 columns: TYPE, ORGANIZATION, ADDRESS, TELEPHONE, CONTACT PERSON. Lists contact information for various project participants including Century Link, Dark Fiber Systems, Comcast, Windstream, Verizon, TECO People's Gas, Southern Natural Gas, JEA, and various utility and engineering firms.



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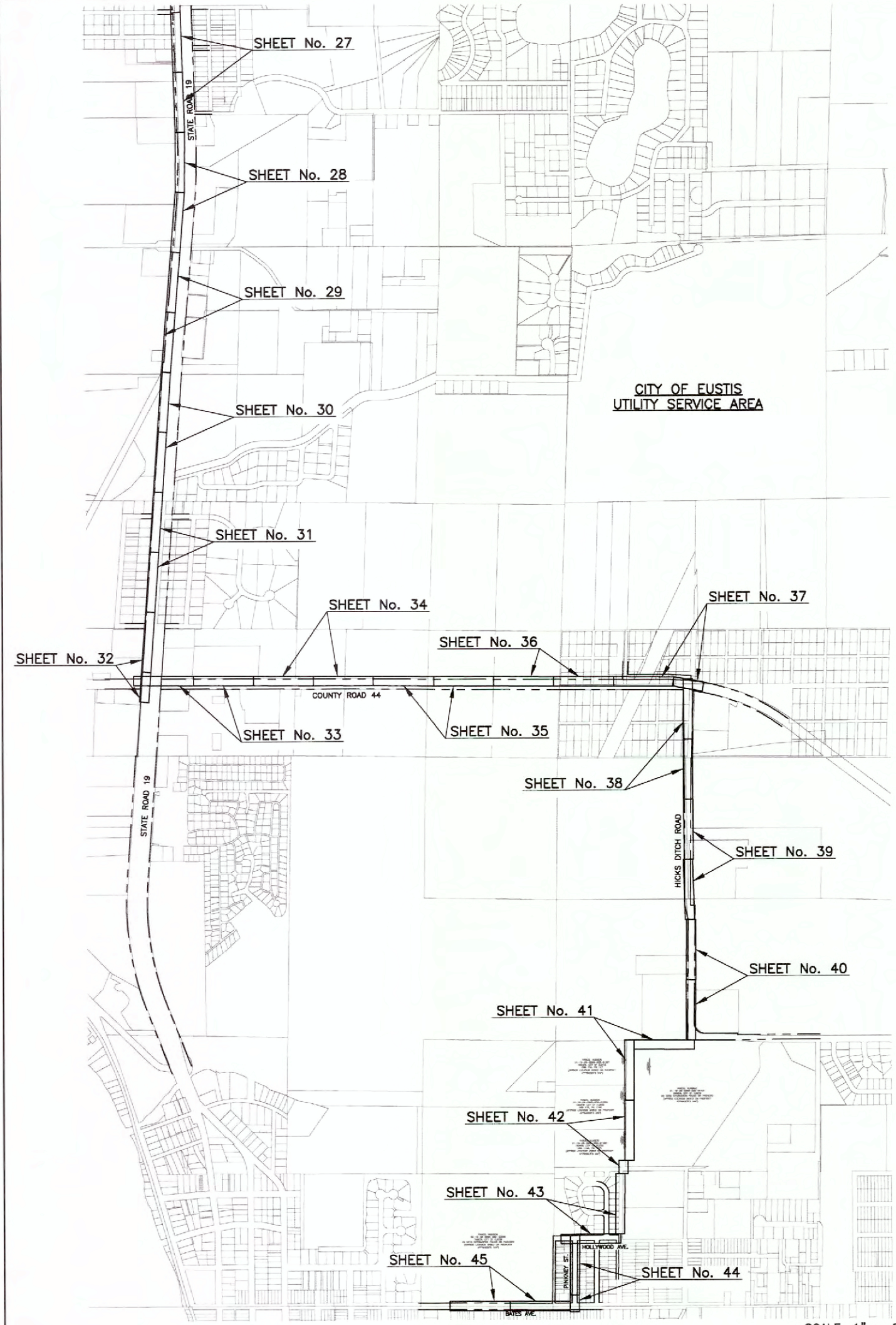
MITTAEUER & ASSOCIATES, INC. CONSULTING ENGINEERS. 580-1 WELLS ROAD, ORANGE PARK, FLORIDA 32073. TEL. (904) 278-0030 FAX (904) 278-0840. CITY OF UMATILLA SRF Wastewater Interconnection with City of Eustis General Notes, Legend, Abbreviations & Project Contacts Lake County, Florida. JOB NO. 1402-03-1 SHEET NO. 2

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TIMOTHY P. NORMAN
 LICENSE
 No 41128
 STATE OF
 FLORIDA
 PROFESSIONAL ENGINEER

SCALE: 1" = 400'



SCALE: 1" = 600'

DESIGN		TPN	REVISION DESCRIPTION
DRWN	MAL	TPN	BY
PROJ MGR	TPN	TPN	NO
DATE	06/09/20	DATE	DATE
1 INCH		BY	

MITTALUER & ASSOCIATES, INC.
 CONSULTING ENGINEERS
 580-1 WELLS ROAD, ORANGE PARK, FLORIDA 32073
 TEL. (904) 278-0030 FAX. (904) 278-0840 FLORIDA CA NO. 6569

CITY OF UMATILLA
 SRF Wastewater Interconnection with City of Eustis
 Key Map
 Lake County, Florida

JOB NO.
 1402-03-1
 SHEET NO.
 3

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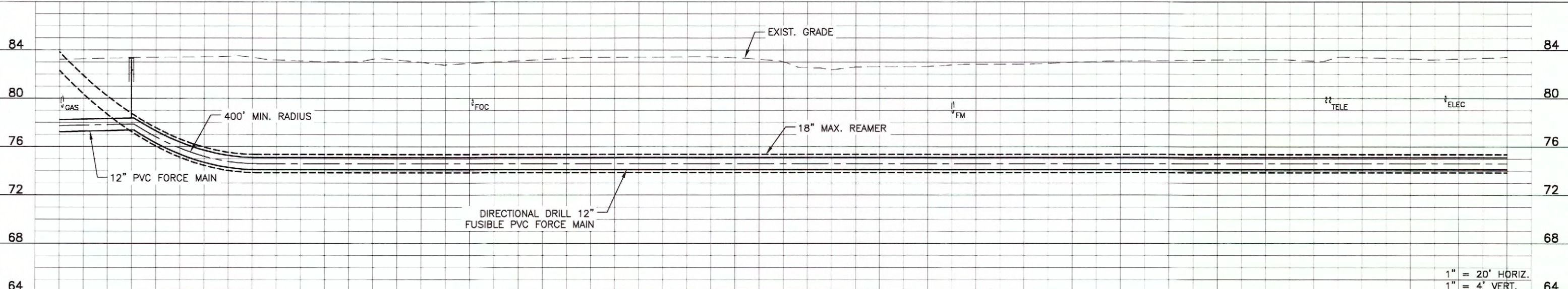
MATCH LINE 'B' SEE SHT 17

MATCH LINE 'C' SEE BELOW

FURNISH & INSTALL
(1) 12" DI GATE VALVE, MJ
(1) AIR RELEASE VALVE ASSEMBLY

DIRECTIONAL DRILL 570 L.F. OF
12" FUSIBLE PVC FORCE MAIN

SCALE: 1" = 20'



MATCH LINE 'C' SEE ABOVE

SEE SHEET No. 19 SCALE: 1" = 20'

DIRECTIONAL DRILL 500 L.F. OF
12" FUSIBLE PVC FORCE MAIN

FURNISH & INSTALL
(1) 12" DI 45' BEND, MJ

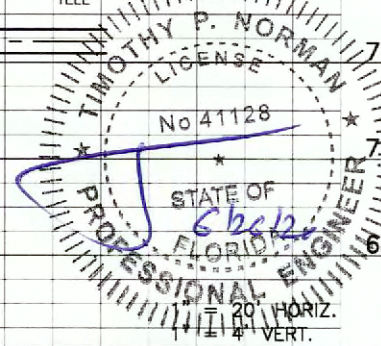
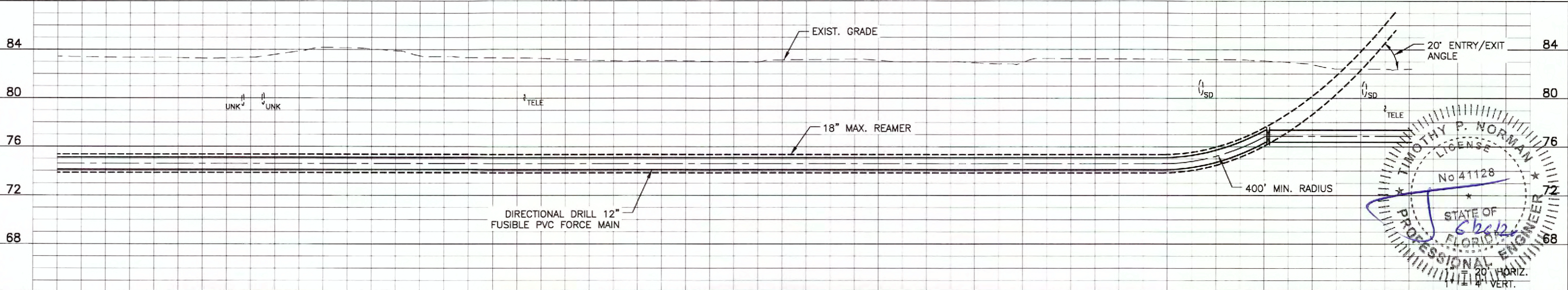
CONSTRUCT 24 L.F. OF
12" PVC FORCE MAIN

FURNISH & INSTALL
(1) 12" DI GATE VALVE, MJ

BEGIN/END
DIRECTIONAL DRILL

CONSTRUCT 31 L.F. OF
12" PVC FORCE MAIN

FURNISH & INSTALL
(1) 12" DI 45' BEND, MJ

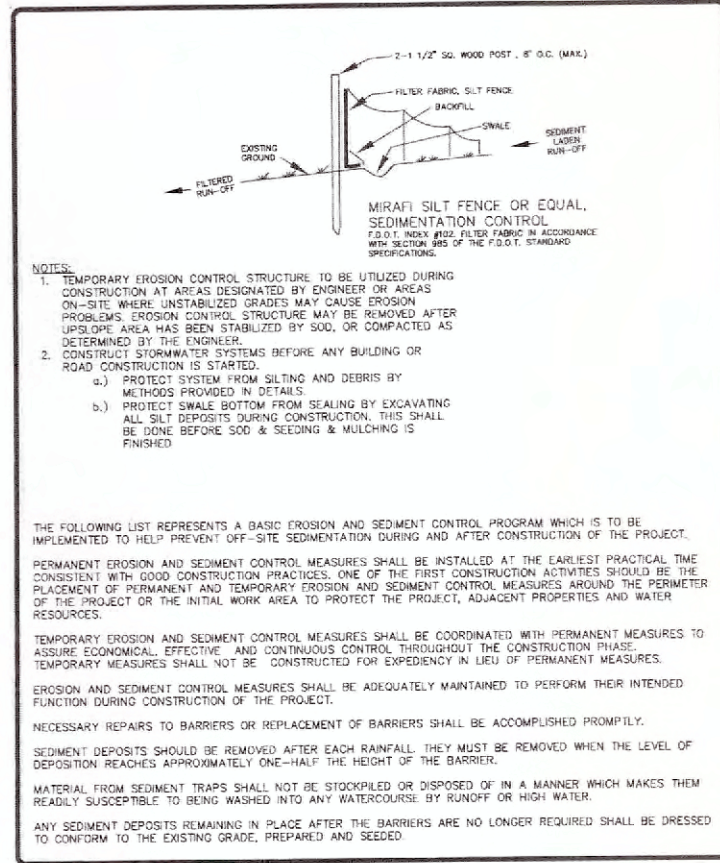


DESIGNER	TPN	DATE	06/28/20
DRAWN	MAL	SCALE	1" = 4' VERT.
CHECKED	TPN	PROJECT	SRF WASTEWATER INTERCONNECTION WITH CITY OF EUSTIS
DATE	06/28/20	LOCATION	LAKE COUNTY, FLORIDA
BY		REVISION DESCRIPTION	
DATE			
NO.			

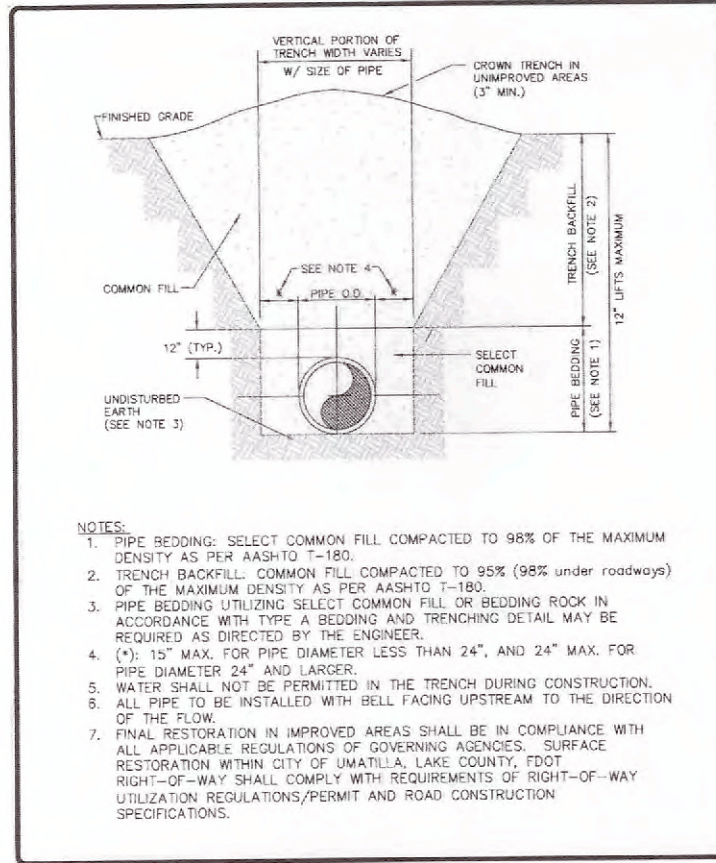
MITTAUER & ASSOCIATES, INC.
CONSULTING ENGINEERS
580-1 WELLS ROAD, ORANGE PARK, FLORIDA 32073
TEL. (904) 278-0830 FAX. (904) 278-0840

CITY OF UMATILLA
SRF Wastewater Interconnection with City of Eustis
City of Umatilla FM - Plan & Profile
Lake County, Florida

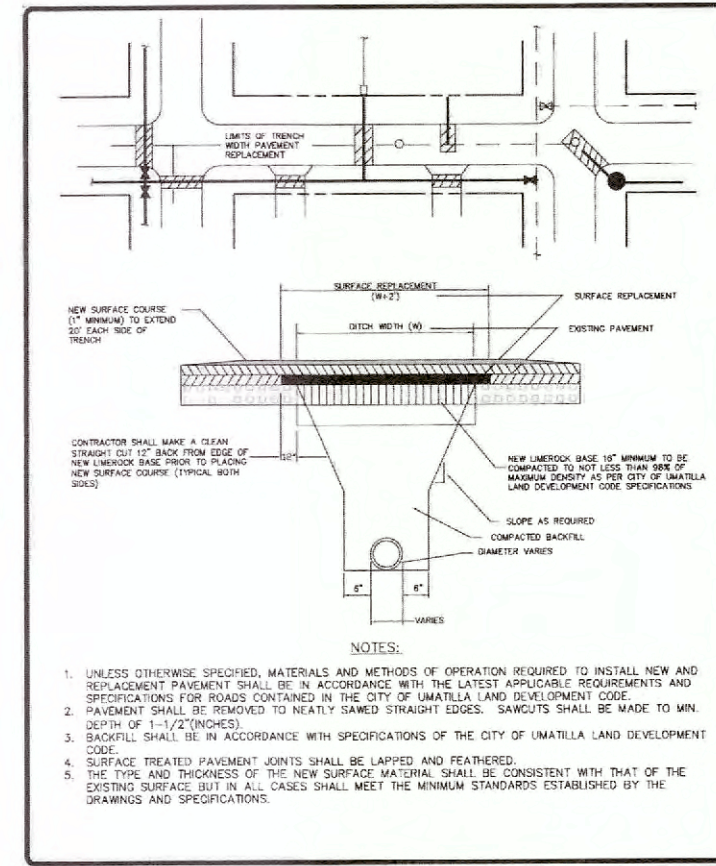
JOB NO. 1402-03-1
SHEET NO. 18



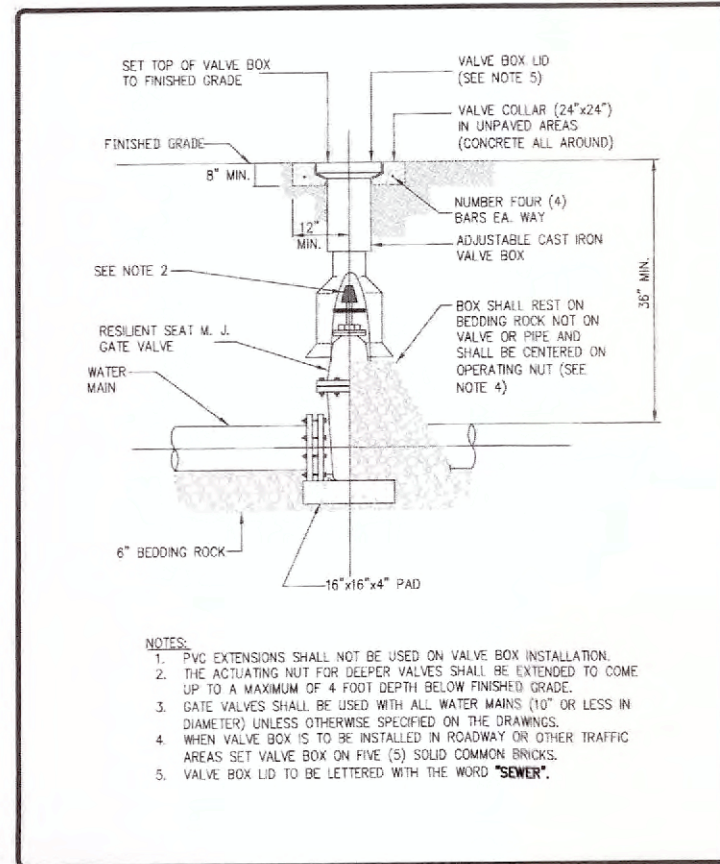
EROSION CONTROL
CITY OF UMATILLA NTS



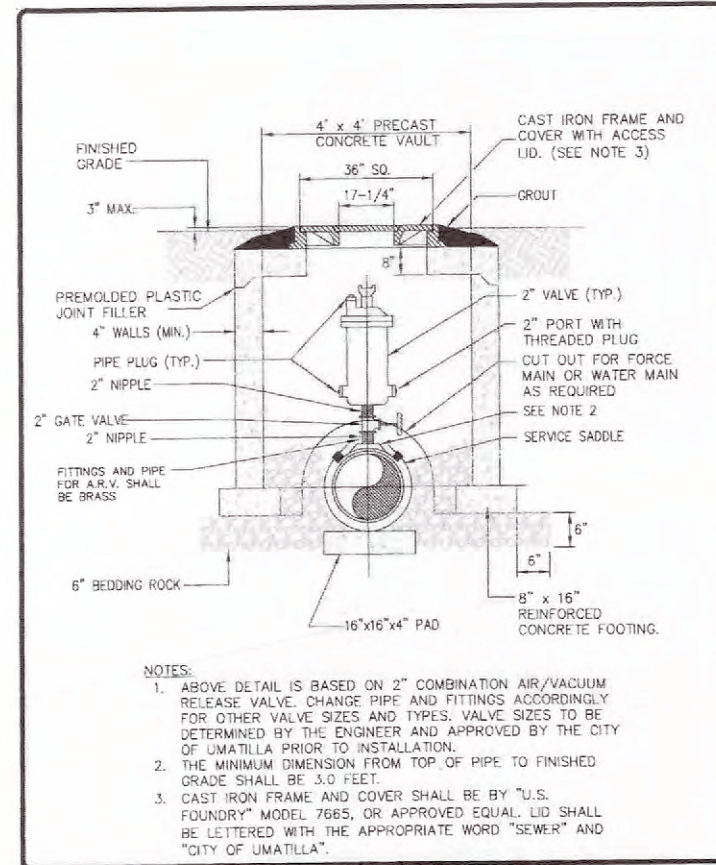
TYPE B BEDDING AND TRENCHING
CITY OF UMATILLA NTS



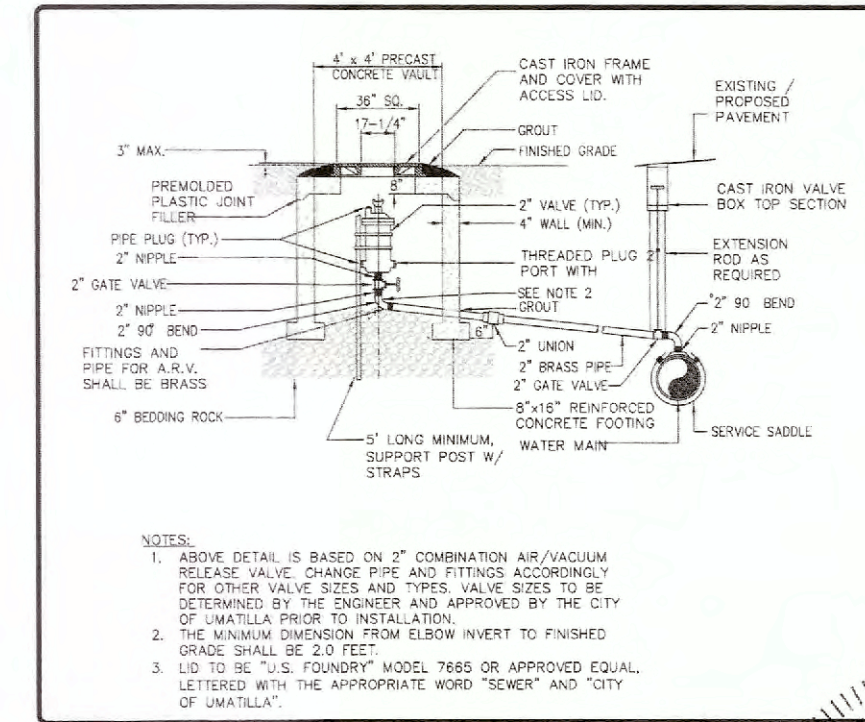
TRENCH WIDTH PAVEMENT REPLACEMENT
CITY OF UMATILLA NTS



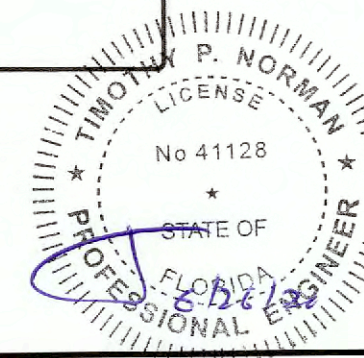
GATE VALVE AND BOX
CITY OF UMATILLA NTS



AIR OR COMBINATION AIR/VACUUM RELEASE VALVE
CITY OF UMATILLA NTS



OFFSET AIR OR COMBINATION AIR/VACUUM RELEASE VALVE
CITY OF UMATILLA NTS



CITY OF UMATILLA
SRF Wastewater Interconnection with City of Eustis
City of Umatilla Utility Details
Lake County, Florida

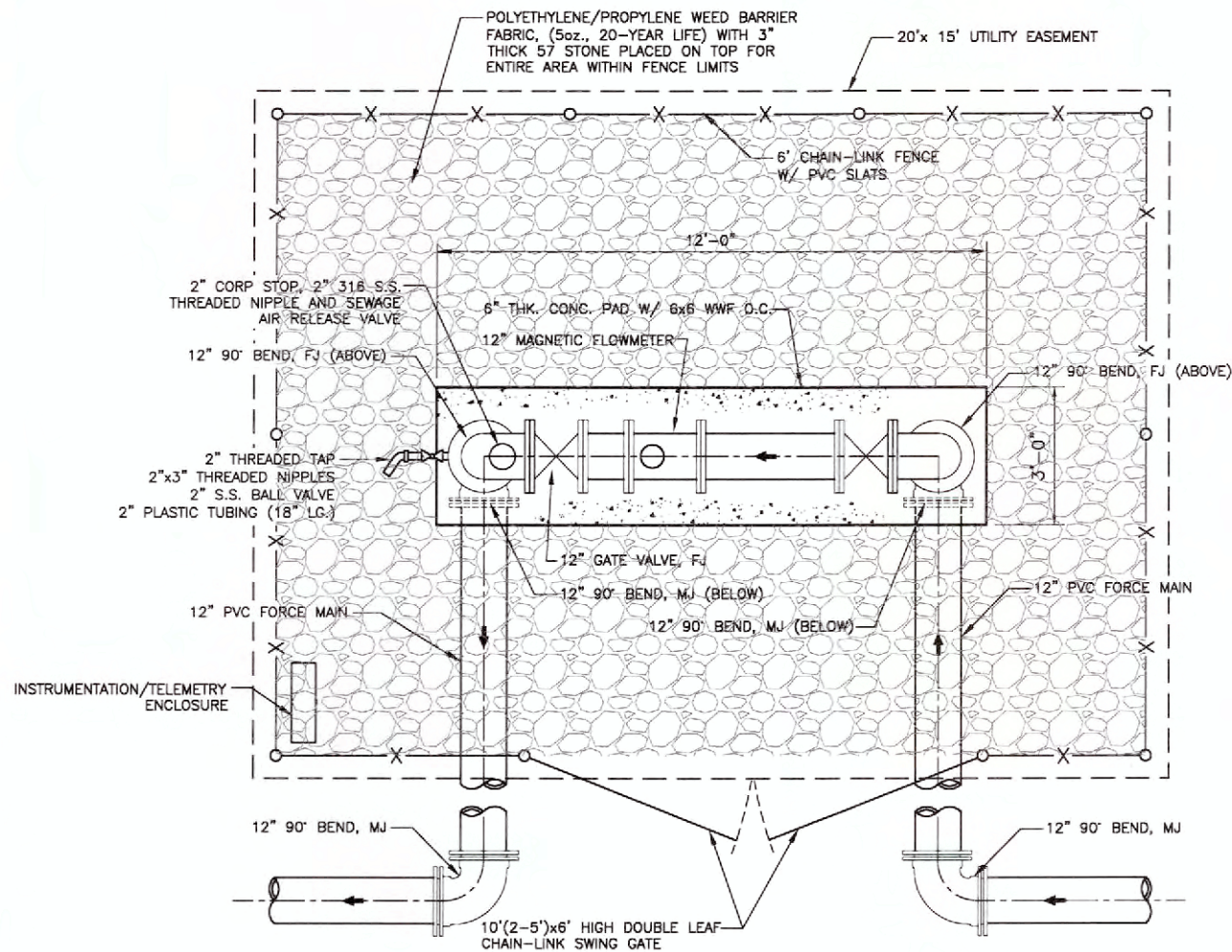
JOB NO. 1402-03-1
SHEET NO.

MITTALUER & ASSOCIATES, INC.
CONSULTING ENGINEERS
580-1 WELLS ROAD, ORANGE PARK, FLORIDA 32073
TEL. (904) 278-0030 FAX. (904) 278-0840

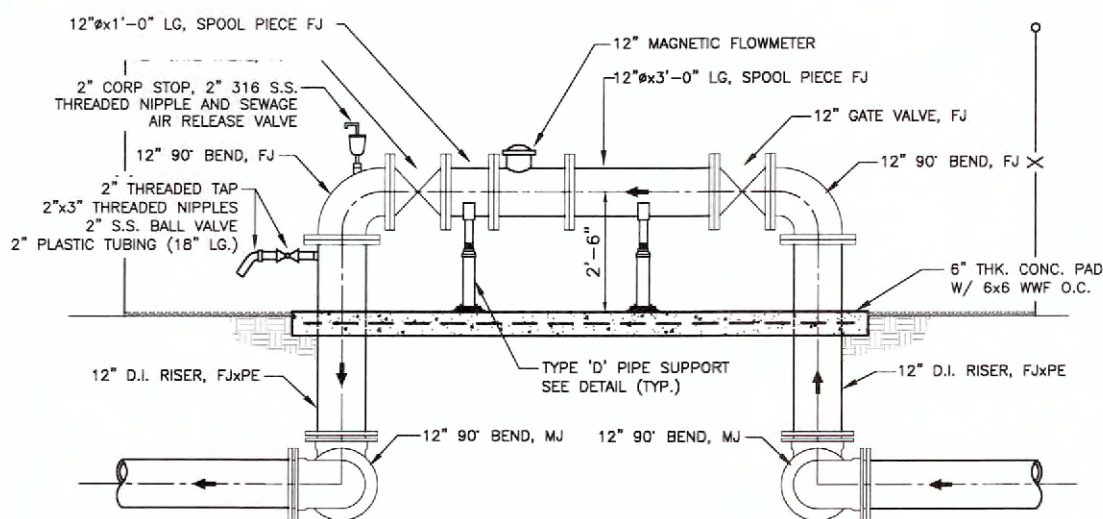
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DRAWN	MAL		
PROJ. MGR.	TPN		

NO.	DATE	BY	REVISION DESCRIPTION

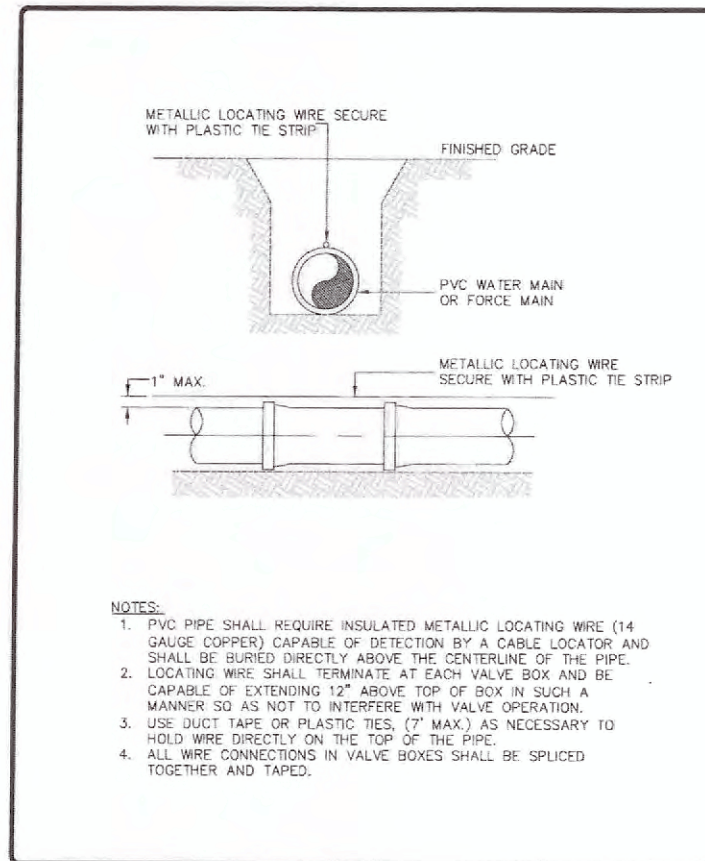
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PLAN

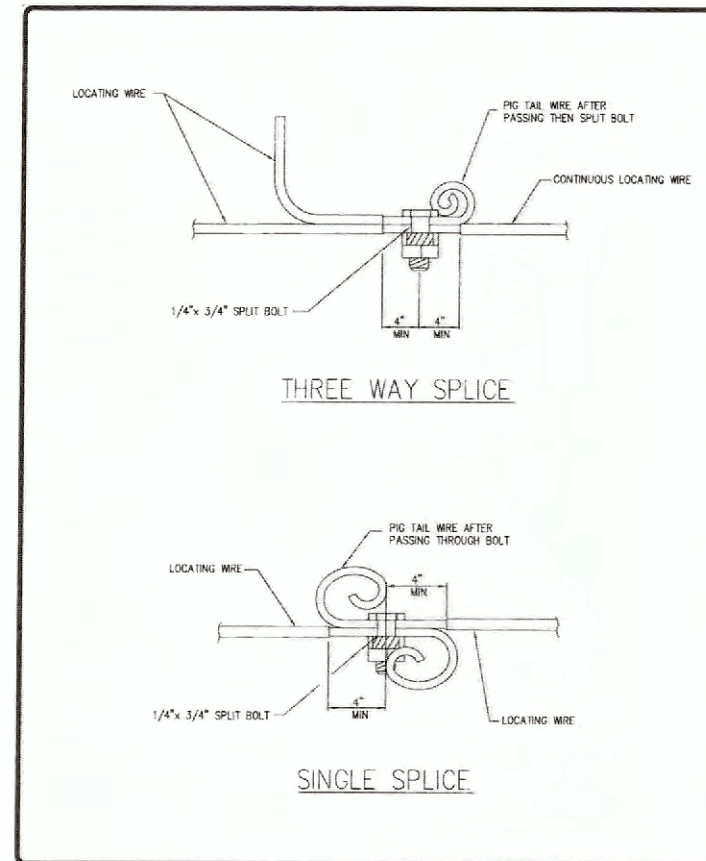


MAGNETIC FLOWMETER DETAIL
1/2"=1'-0"

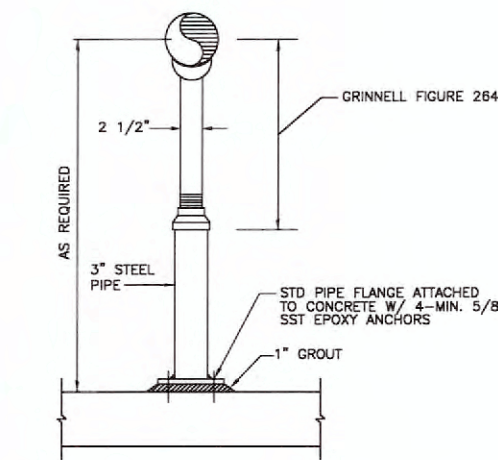


PVC PIPE LOCATING WIRE
CITY OF UMATILLA NTS

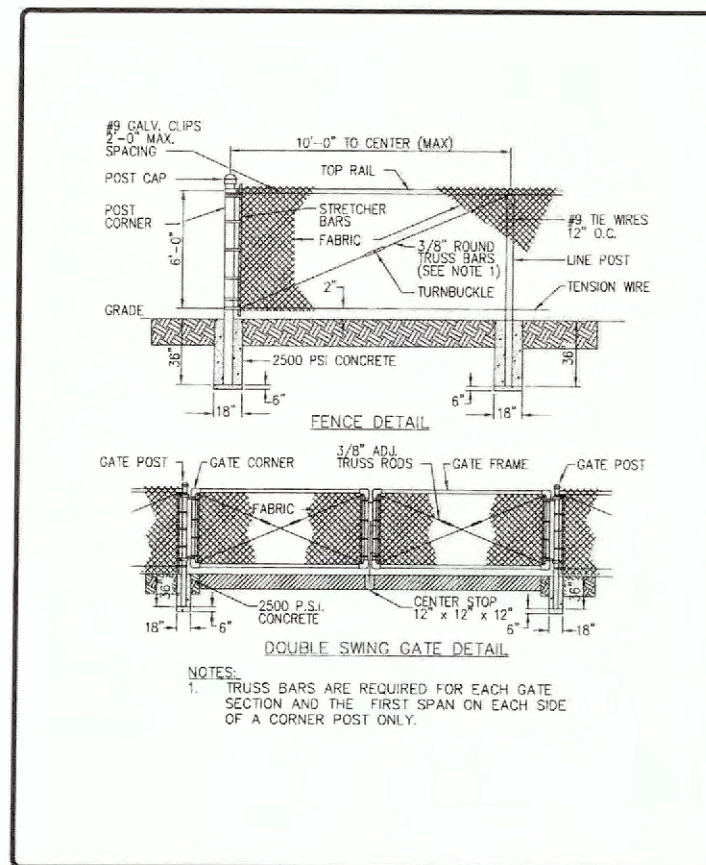
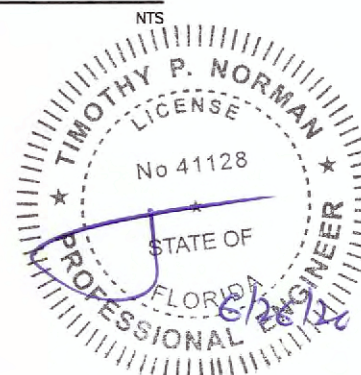
- NOTES:
1. PVC PIPE SHALL REQUIRE INSULATED METALLIC LOCATING WIRE (14 GAUGE COPPER) CAPABLE OF DETECTION BY A CABLE LOCATOR AND SHALL BE BURIED DIRECTLY ABOVE THE CENTERLINE OF THE PIPE.
 2. LOCATING WIRE SHALL TERMINATE AT EACH VALVE BOX AND BE CAPABLE OF EXTENDING 12" ABOVE TOP OF BOX IN SUCH A MANNER SO AS NOT TO INTERFERE WITH VALVE OPERATION.
 3. USE DUCT TAPE OR PLASTIC TIES, (7" MAX.) AS NECESSARY TO HOLD WIRE DIRECTLY ON THE TOP OF THE PIPE.
 4. ALL WIRE CONNECTIONS IN VALVE BOXES SHALL BE SPLICED TOGETHER AND TAPED.



LOCATING WIRE SPLICE DETAIL
CITY OF UMATILLA NTS



TYPE D SUPPORT - DETAIL
NTS



CHAIN LINK FENCE
CITY OF UMATILLA NTS

- NOTES:
1. TRUSS BARS ARE REQUIRED FOR EACH GATE SECTION AND THE FIRST SPAN ON EACH SIDE OF A CORNER POST ONLY.

DESIGN	TPN	DATE	06/26/20
DRAWN	MAL	NO	
PROJ. MGR.	TPN	BY	
DATE			
			1 INCH

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580-1 WELLS ROAD, ORANGE PARK, FLORIDA 32073
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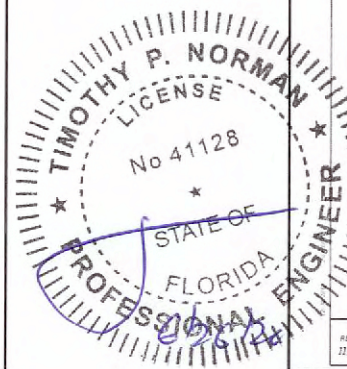
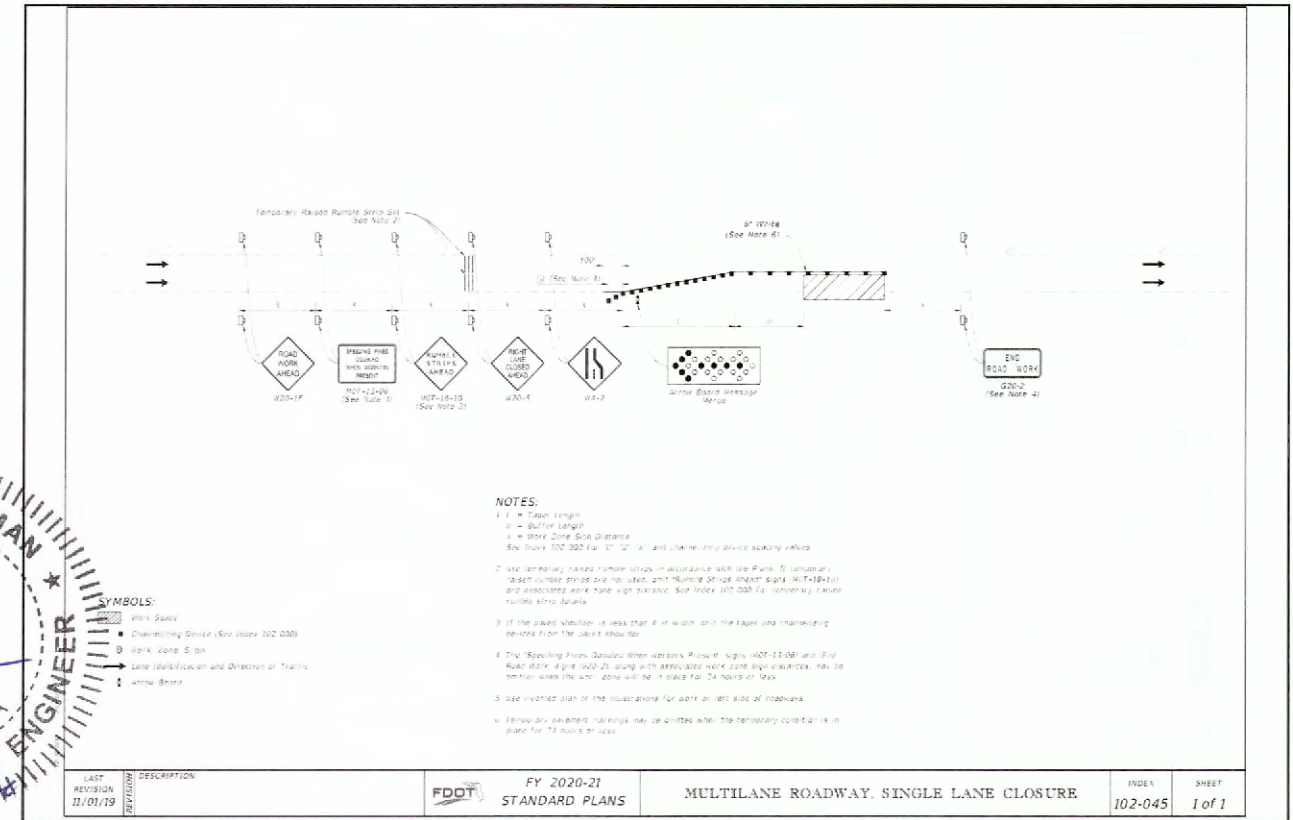
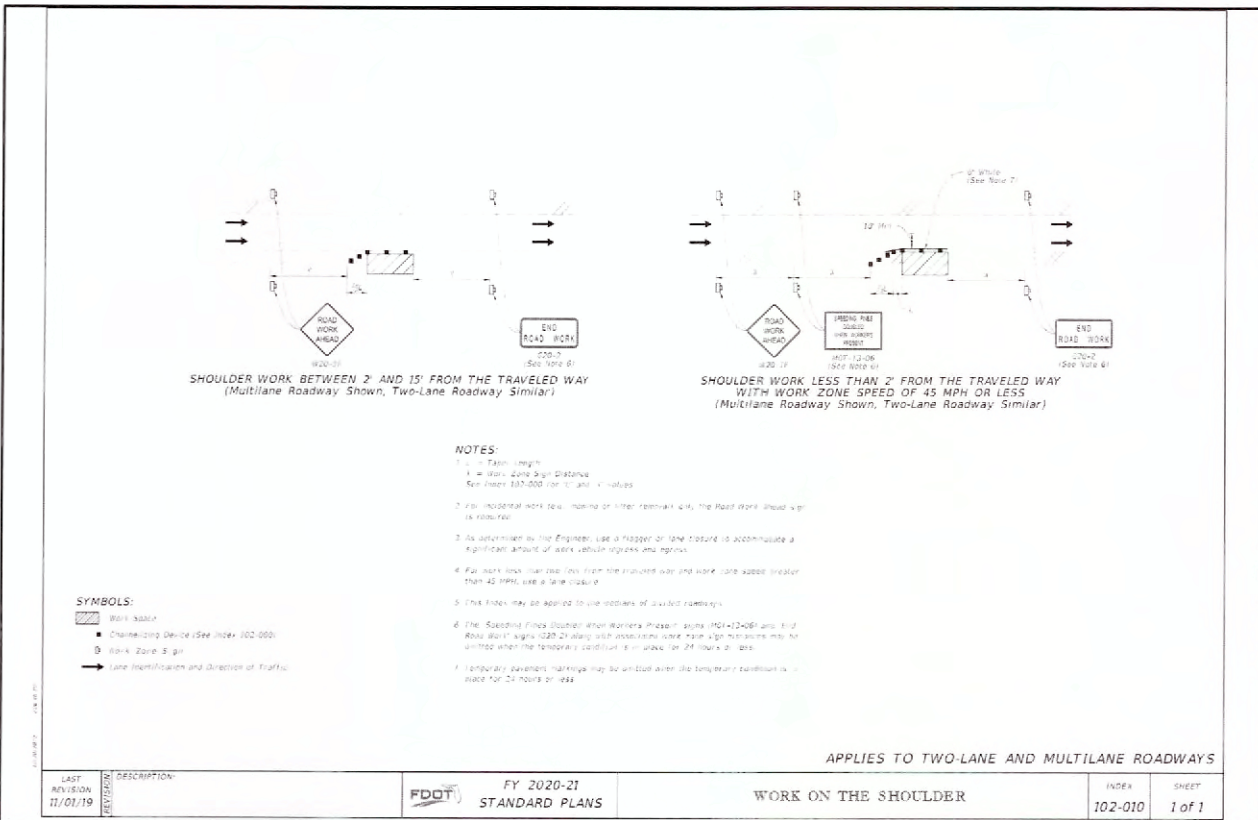
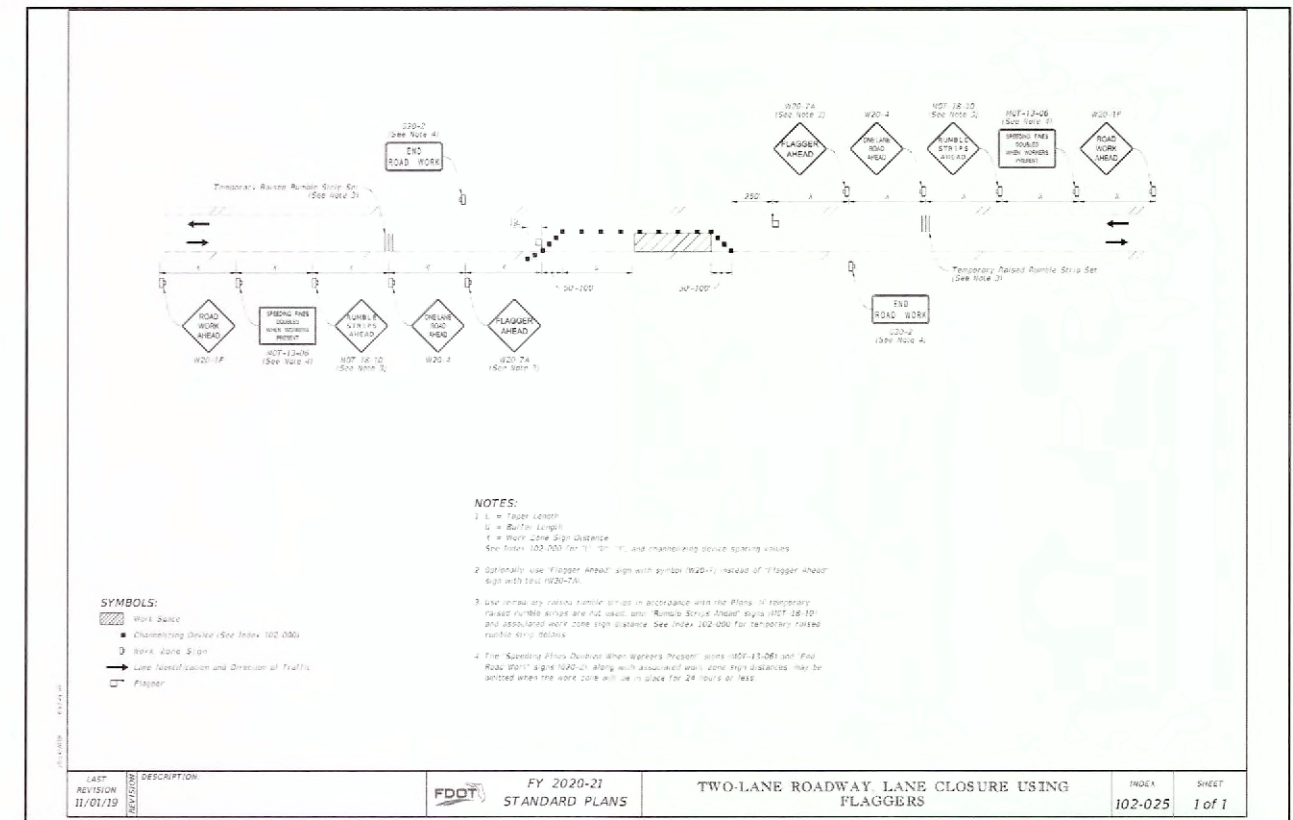
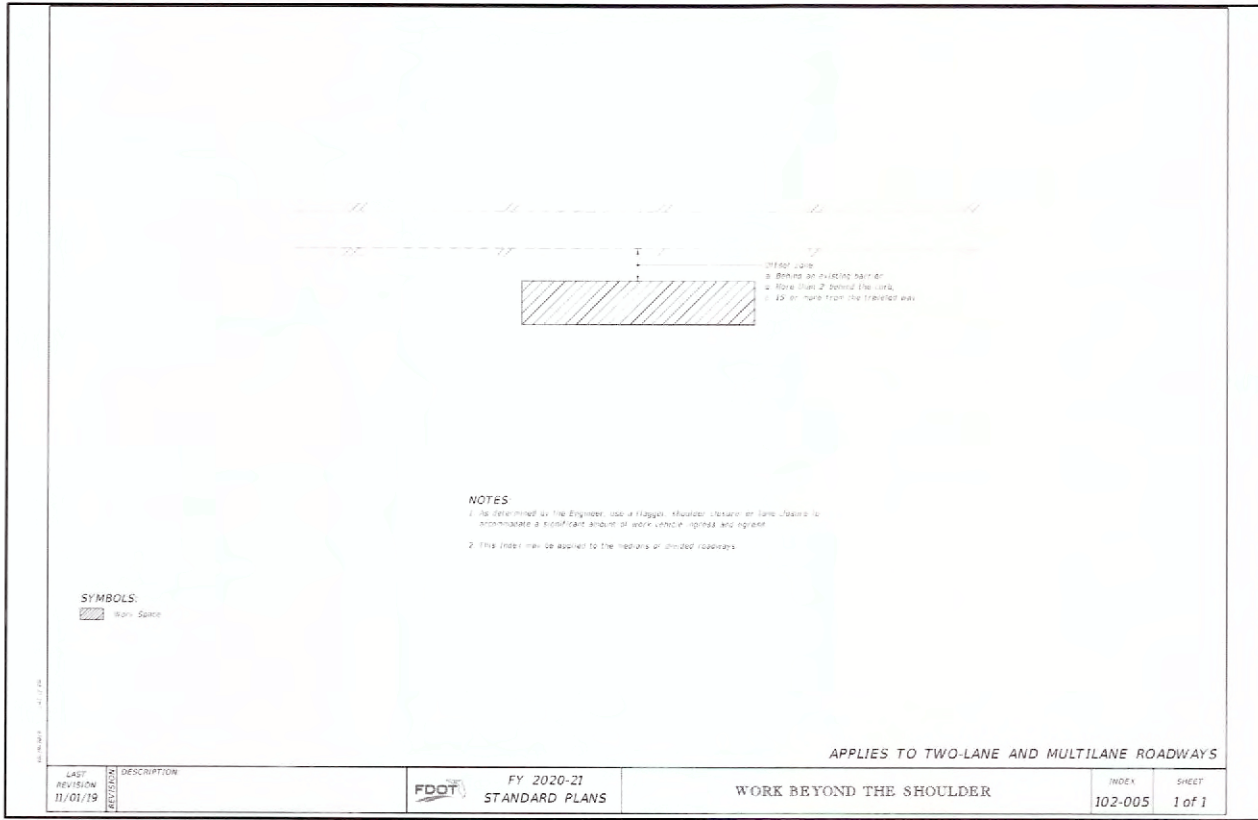
CITY OF UMATILLA
SRF Wastewater Interconnection with City of Eustis
City of Umatilla Utility Details
Lake County, Florida

JOB NO. 1402-03-1
SHEET NO. 47

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TRAFFIC CONTROL GENERAL NOTES

1. THE EXISTING POSTED SPEED SHALL BE MAINTAINED FOR THE DURATION OF CONSTRUCTION. WORK ZONE SPEED SHALL NOT BE LESS THAN POSTED SPEED.
2. ARROWS DENOTE DIRECTION OF TRAFFIC ONLY AND DO NOT REFLECT PAVEMENT MARKINGS, UNLESS OTHERWISE NOTED.
3. THE CONTRACTOR IS TO MAINTAIN AND KEEP STREET NAME IDENTIFICATION SIGNS VISIBLE DURING CONSTRUCTION OPERATIONS TO FACILITATE EMERGENCY VEHICLE TRAFFIC.
4. PLACE BUSINESS ENTRANCE SIGNS IN ACCORDANCE WITH INDEX 102-000, SHEET 3.
5. EXISTING GUIDE SIGNS AND APPLICABLE WARNING SIGNS ARE TO BE RELOCATED DURING CONSTRUCTION TO ALIGN WITH ALL PHASE TRAFFIC PATTERNS.
6. THE CONTRACTOR SHALL CONTACT TRANSIT AND SCHOOL AUTHORITIES FOR THEIR BUS STOP LOCATIONS AND SCHEDULES TO MAINTAIN SAFE ACCESS TO THE RIDERS AT ALL TIMES.
7. ALL LANE CLOSURES SHALL BE COORDINATED WITH LOCAL EMERGENCY SERVICES. A MINIMUM OF 24 HOURS NOTICE SHALL BE PROVIDED FOR ANY SCHEDULED WORK REQUIRING LANE CLOSURES OR DETOURS.



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 TEL. (904) 278-0030 FAX. (904) 278-0840

CITY OF UMATILLA
 SRF Wastewater Interconnection with City of Eustis
 Maintenance of Traffic
 Lake County, Florida

JOB NO. 1402-03-1
 SHEET NO. 50

DESIGN	TPN	USA
DRWN	TPN	USA
PROJ MGR	TPN	USA
DATE	06/26/20	
NO		
DATE		
BY		
REVISION DESCRIPTION		