

City of South Daytona
Economic Development

1672 S. Ridgewood Avenue • South Daytona, FL 32121 • 386-322-3025



MEMORANDUM

To: James L. Gillis, Jr., City Manager

From: Josh McEnany, Economic Development Director

Date: June 17, 2024

Re: Consideration of approving an expenditure of \$1,018,882 for Florida Power and Light (FPL) undergrounding costs on US 1 from McDonald Street to Ridge Blvd as budgeted in the current fiscal year.

Staff have been in close collaboration with Mead & Hunt, aiming to enhance our business corridor by implementing underground utility improvements. The second phase of this project is scheduled to kick off with construction commencing on South Ridgewood Avenue (US 1) at McDonald Street and extending further south to Ridge Boulevard. Staff has been actively coordinating with all utility providers, including Spectrum, Florida Power & Light (FPL), and American Telephone & Telegraph (AT&T).

The City has previously received cost estimates from Spectrum and AT&T, which were included in the consent agenda at prior Council Meetings. Florida Power and Light (FPL) has now submitted the attached Binding Cost Estimate, valid for 180 days.

The City Attorney has reviewed the agreement and has no objections. It is important to highlight that, in accordance with Ordinance No. 2020-10, this project is exempt from the City's procurement policy that mandates multiple quotes for utility services.

Staff recommends the City Council approve the expenditure of \$1,018,882 for FPL undergrounding costs on US 1 from McDonald Street to Ridge Boulevard as budgeted in the current fiscal year in the Redevelopment Trust Fund. If approved, FPL will begin acquiring the necessary materials to be in position to begin construction in the first quarter of 2025.



June 7, 2024

Josh McEnany, CPM
Code Compliance Manager
City of South Daytona
1672 S. Ridgewood Avenue,
South Daytona, Florida, 32119

**Re: City of South Daytona
Electric Facilities Conversion - Binding Cost Estimate
City of South Daytona – Phase 1
WR # 12163826**

Dear Mr. McEnany:

FPL welcomes the opportunity to assist you in determining if underground service is right for your area. As per your request, FPL has completed a binding cost estimate for the project designated as the City of South Daytona – Phase 1 conversion project. The binding cost estimate amount, known as the Contribution In Aid of Construction (C.I.A.C.), required for converting the area to underground is \$1,018,882. This estimate is based on the attached underground design. In addition, the cost estimate includes a more than \$208,024 adjustment credit for both FPL's Avoided Storm Restoration Cost and as required in the C.I.A.C. formula, tariff Section 12.1, credit for an equivalent overhead system designed at the current hardened (i.e. extreme wind) standard. Further the cost assumes the following:

- FPL Performs All Work
- All work will be performed during the daylight hours, Monday through Friday, 8 A.M. to 5 P.M.. Any after hours work, e.g. disconnect/reconnect service appointments or requiring construction at night, would be an additional expense for the City.

This binding cost estimate is valid for 180 days and a response must be received within that timeframe. Should you agree to move forward with the project, please sign and return the enclosed documents. Once we receive the acceptance package (e.g. partially executed documents and C.I.A.C. payment), we will commence the construction process (i.e. initiate bid requests and material purchasing). Any deposits that you have already paid will be applied towards the C.I.A.C. and you must pay the remaining difference of \$1,018,317 before we begin construction. Failure to execute the applicable Agreement and pay the C.I.A.C. specified in the Agreement within the 180-day time limit, or termination of the Agreement, shall result in the expiration of the binding cost estimate. However, if you choose to cancel your request or

not respond in time, your engineering deposit will not be returned and the estimate will be withdrawn.

This estimate only includes the charges to be paid to FPL. There are additional costs which are the customer's responsibility and should also be considered. These potential costs include:

- Site restoration (sod, landscaping, pavement, sidewalks, etc).
- Rearrangement of customer electric service entrances (requires electrician) from overhead to underground. Also, additional customer expense if local inspecting authorities require customer wiring to be brought up to current codes.
- Replacement of street and security lighting currently attached to the poles being removed
- Removal and burial of other utilities (e.g. telecom, CATV, etc.).
- Any project scope changes that modify the enclosed drawings.
- Acquiring, describing, securing and recording of easements for underground facilities.

We look forward to working with you and your staff as this project progresses. If you have any questions, please contact me at 561-389-9976.

Sincerely,



Andrea Castelblanco
Project Manager – OH /UG Conversions
Power Delivery
FPL

Attachments

Overhead to Underground Conversion - Customer Cost Sheet

City of South Daytona - Phase 1

Date Estimate Provided to Customer: 6/7/2024

FPL Performs All Work

1) \$	547,455	The estimated cost to install the requested underground facilities
2) \$	187,933	The estimated cost to remove the existing overhead facilities and the installation of required overhead facilities to serve the new underground system.
3) \$	495,322	The net book value of the existing overhead facilities
4) \$	(179,930)	The estimated cost that would be incurred to install new overhead facilities, in lieu of underground, to replace the existing overhead facilities (the "Hypothetical Overhead Facilities")
5) \$	(3,804)	The estimated salvage value of the existing overhead facilities to be removed
6) \$	(18,364)	The 30-year net present value of the estimated non-storm underground vs overhead operational costs differential
7) \$	(9,730)	The 30-year net present value of the estimated average Avoided Storm Restoration Costs ("ASRC")

Total CIAC \$ 1,018,882 Contribution-In-Aid-of Construction

Engineering Dep \$ 565 Less the Engineering Deposit previously collected for this project.

Net Due to FPL \$ 1,018,317

Cost Breakdowns for Customer Contributions

	Total	Labor/Vehicle	Material	Direct Engineering, Supervision, and Support
New UG Install (+)	\$ 547,455	\$ 200,324	\$ 272,786	\$ 74,345
Credit for equivalent OH (-)	\$ (179,930)	\$ (63,486)	\$ (91,925)	\$ (24,519)
OH Removal Cost & Make Ready (+)	\$ 187,933	\$ 138,764	\$ 29,044	\$ 20,125
Total	\$ 555,458	\$ 275,602	\$ 209,905	\$ 69,951
Net Book Value (+)	\$ 495,322			
Operational Costs Differential	\$ (18,364)	0.09 miles		\$205,862 per mile
Avoided Storm Rest Costs	\$ (9,730)			\$109,074 per mile
Salvage Value (-)	\$ (3,804)			
Total CIAC	\$ 1,018,882			
Engineering Deposit (-)	\$ 565	Engineering deposit previously collected		
Net Due FPL	\$ 1,018,317			

Major Material Breakdown

	Quantity	Item
Install	14,520	Primary UG Cable (feet)
	2	UG Switch Cabinet (0 Vista Sw's)
	8	UG Transformer (each)
	2	Splice box for UG feeder (each)
Remove	5,887	OH Primary Conductor (feet)
	28	Poles (each)
	16	OH Transformer (each)
	485	Primary UG Cable (feet)

FLORIDA POWER & LIGHT COMPANY

UNDERGROUND FACILITIES CONVERSION AGREEMENT

This Agreement, is made and entered into this _____ day of _____, 2024, by and between The City of South Daytona (“Applicant”), with an address of 1672 S. Ridgewood Avenue, South Daytona, Florida, 32119 and FLORIDA POWER & LIGHT COMPANY (“FPL”), a Florida corporation with an address of 700 Universe Boulevard, Juno Beach, FL 33408-0429.

WHEREAS, the Applicant has requested that FPL convert certain overhead electric distribution facilities located within the following boundaries (the “Conversion”):

Phase 1 – Ridgewood Ave – McDonald St & Ridge Blvd

NOW THEREFORE, in consideration of the foregoing premises and the covenants and agreements set forth herein, and other consideration the sufficiency of which is hereby acknowledged, the parties intending to be legally bound, hereby covenant and agree as follows:

1. **Avoided Storm Restoration Cost (“ASRC”) Eligibility Criteria.** The Applicant represents and warrants that it meets, and is capable and willing to enforce, the applicable eligibility criteria for the Conversion.
2. **Contribution-in-Aid-of-Construction (CIAC).** The Applicant shall pay FPL a CIAC as required by FPL’s Electric Tariff and Section 25-6.115 of the Florida Administrative Code.

i. CIAC (excluding ASRC)	\$ <u>1,046,976</u>
ii. ASRC	\$ <u>- 9,730</u>
iii. Operational Cost Differential	\$ <u>-18,364</u>
iv. CIAC Due	\$ <u>1,018,882</u>

In the event the actual cost of the Conversion (excluding ASRC) exceeds the estimate, the CIAC (excluding ASRC) shall be adjusted by the lesser of (a) the difference between the actual cost of the Conversion and the estimate, or (b) 10% of the CIAC (excluding ASRC) identified above. The ASRC shall also be adjusted accordingly and the Applicant shall pay FPL the resulting difference in the amount of the CIAC Due.

3. **Applicant-Installed Facilities.** The Applicant may, upon entering into an applicant-installed facilities agreement satisfactory to FPL, construct and install all or a portion of the Underground Facilities. Such work must meet FPL’s construction standards and FPL will own and maintain the completed facilities. The Applicant agrees to rectify any deficiencies, found by FPL, prior to the connection of any customers to the Underground Facilities and the removal of the Existing Overhead Facilities.
4. **Compliance with Tariff.** The Applicant agrees to comply with and abide by the requirements, terms, and conditions of FPL’s Electric Tariff.

FLORIDA POWER & LIGHT COMPANY

5. **Timing of Conversion.** Upon compliance by the Applicant with the requirements, terms, and conditions of FPL's Electric Tariff, this Agreement and any other applicable agreements, FPL will proceed in a timely manner with the Conversion in accordance with the construction drawings and specifications set forth in Attachment A hereof.
6. **Relocation.** In the event that the Underground Facilities are part of, or are for the purposes of, relocation, then this Agreement shall be an addendum to the relocation agreement between FPL and the Applicant. In the event of any conflict between the relocation agreement and this Agreement or the Electric Tariff, this Agreement and the Electric Tariff shall control.
7. **Term.** This Agreement shall remain in effect for as long as FPL or any successor or assign owns or operates the Underground Facilities.
8. **ASRC Repayment.** If the Applicant does not satisfy the relevant eligibility criteria, the Applicant shall repay the ASRC within 30 days of written notice from FPL of such failure. Additionally, if at any point within 30 years of completion of the Underground Facilities installation, the Applicant elects to have electric service within the Conversion Area supplied by a provider other than FPL, the Applicant shall repay FPL a pro-rata share of the ASRC. The pro-rata share (which shall reflect partial years) shall be determined as follows:

$$\text{ASRC} * [(30 - \text{years since the Underground Facilities completion date}) / 30]$$

Non-governmental-Applicants shall provide, at the time of execution of this Agreement, either a surety bond or irrevocable bank letter of credit (the "Security Instrument") in a form acceptable to FPL evidencing ability to repay the ASRC. This Security Instrument shall remain in effect until such time as all customers within the Conversion Area are converted. The Applicant may provide either an amended or replacement Security Instrument in a form acceptable to FPL at any time to reflect the pro-rata adjustments to the ASRC amount. If, upon notice of cancellation or prior to expiration of the Security Instrument, a replacement Security Instrument in a form acceptable to FPL is not provided by the Applicant to FPL, FPL will require the third party issuing the Security Instrument to pay the full balance due in accordance with this Agreement in cash.

9. **Termination Prior to the Conversion Completion.** Failure by the Applicant to comply with any of the requirements, terms, or conditions of this Agreement or FPL's Electric Tariff shall result in termination of this Agreement. The Applicant may terminate this Agreement at any time prior to the start of the Conversion and the CIAC paid by the Applicant will be refunded to the Applicant; provided however, that the refund of the CIAC shall be offset by any costs incurred by FPL in performing under the Agreement up to the date of termination.
10. **Assignment.** The Applicant shall not assign this Agreement without the written consent of FPL.
11. **Adoption and Recording.** This Agreement shall be adopted by the Applicant and maintained in the official records of the Applicant for the duration of the term of this Agreement. This Agreement also shall be recorded in the Official Records of the County in which the Underground Facilities are located, in the place and in the manner in which deeds are typically recorded.
12. **Conflict between Terms of Franchise Agreement.** In the event of a conflict between the terms of this Agreement and any permit or franchise agreement entered into by Applicant and FPL, the terms of this Agreement shall control.

FLORIDA POWER & LIGHT COMPANY

- 13. Applicability.** This subpart applies to requests for underground facilities addressing the conversion of existing overhead facilities. In order for the Company to take action pursuant to a request for conversion:
- a. the conversion area must be at least two contiguous city blocks or 1,000 feet in length;
 - b. all electric services to the real property on both sides of the existing overhead primarily lines must be part of the conversion;
 - c. all other existing overhead utility facilities (e.g. telephone, CATV, etc.) must also be converted to underground facilities.

IN WITNESS WHEREOF, FPL and the Applicant have executed this Agreement on the date first set forth above.

CITY OF SOUTH DAYTONA

FPL

Signed _____

Signed _____

Name _____

Name _____

Title _____

Title _____

Signed _____

Name _____

Title _____

Approved as to Terms and Conditions (if required by Applicant)

Signed _____

Name _____

Title _____

Approved as to Form and Legal Sufficiency (if required by Applicant)

Signed _____

Name _____

Title _____

**CITY/COUNTY RIGHT-OF-WAY
AGREEMENT FOR UNDERGROUND CONVERSIONS**

THIS AGREEMENT (the “**Agreement**”) is made and entered into this _____ day of _____, 20____ by and between City of South Daytona (“**Local Government**”), a Florida municipal corporation or county with an address of 1672 S. Ridgewood Avenue, South Daytona, Florida, 32119 and Florida Power & Light Company (“**FPL**”), a Florida corporation with an address of P.O. Box 14000, 700 Universe Boulevard, Juno Beach, FL 33408-0429.

WHEREAS, Local Government has requested that FPL convert certain overhead electric distribution facilities located within the following boundaries (the “**Conversion**”):
Phase 1 – Ridgewood Ave – McDonald St & Ridge Blvd

_____ (collectively, the “**Existing Overhead Facilities**”) to underground facilities, including transformers, switch cabinets and other appurtenant facilities some of which may be installed above ground (collectively, the “**Underground Facilities**”) and has further requested that certain of the Underground Facilities be placed in certain of its road rights-of-way (“**Local Government ROW**”) and/or certain road rights-of-way owned by or under the jurisdiction of other agencies (“**Other ROW**”). Local Government ROW and Other ROW may be referred to collectively as “**ROW**”; and

WHEREAS, the Local Government has agreed to pay FPL the cost of such Conversion as required by FPL’s electric tariff and Section 25-6.115 of the Florida Administrative Code and has or will enter into a separate Underground Facilities Conversion Agreement with FPL; and

WHEREAS, FPL is willing, subject to the terms and conditions set forth in this Agreement, FPL’s electric tariff and Section 25-6.115 of the Florida Administrative Code, to place certain of the Underground Facilities in the ROW.

NOW THEREFORE, in recognition of the foregoing premises and the covenants and agreements set forth herein, and other consideration the sufficiency of which is hereby acknowledged, intending to be legally bound hereby, the parties covenant and agree as follows:

1. The foregoing recitals are true and correct, and are hereby incorporated by reference into this Agreement.

2. Conditions Precedent to Placement of Underground Facilities in ROW

- (a) Local Government covenants, represents and warrants that:
 - (i) Local Government has full legal right and authority to enter into this Agreement;
 - (ii) Local Government has full legal right and authority to take all actions and measures necessary to fulfill Local Government's obligations under this Agreement;
 - (iii) Local Government hereby authorizes the use of the ROW by FPL for the purposes stated herein.
- (b) All applicable permits for FPL to install, construct, or maintain Underground Facilities in ROW must be issued on a timely basis by the appropriate agency, subject to the timely filing for permits by FPL.
- (c) Local Government agrees to provide, at its expense, a legal description that is acceptable to FPL of the ROW to be occupied by the Underground Facilities at a time before FPL initiates the design of the Underground Facilities. Said legal description shall be made part of this Agreement and attached as Exhibit "A".
- (d) FPL agrees to identify and document all existing FPL underground facilities within the ROW that will not be included under this Agreement. Local Government shall reimburse FPL's reasonable costs and expenses to deliver said documentation. Said documentation shall be made part of this Agreement and attached as Exhibit "B".
- (e) FPL warrants that the design of the Underground Facilities to which Local Government has agreed are in compliance with all operational and safety guidelines, codes and standards. FPL and Local Government have mutually agreed upon the location of the facilities within the ROW as per the construction drawings. Said construction drawings shall be attached as Exhibit "C" to this agreement, are part of this agreement, and may be amended to reflect changes to location of facilities as required.

3. Relocation and Rearrangement of FPL Facilities. If the Local Government or other agency with control over the Local Government ROW or Other ROW, for any reason whatsoever, requires that FPL relocate or rearrange, in whole or in part, any Underground Facilities (as they are to exist as a result of this Conversion, or as they may later be modified, upgraded, or otherwise altered) from or within the Local Government ROW or Other ROW, the Local Government, notwithstanding any language to the contrary in any applicable permit or franchise agreement, and prior to any such relocation by FPL, shall provide FPL with a substitute location, satisfactory to FPL, obtain any easements that may be necessary, and shall pay FPL for the costs of any such relocation, adjustment or rearrangement, now or in the future. Local Government shall reimburse FPL for all costs to locate, expose, protect or support the Underground Facilities, whether underground or above ground, in the event of future construction or excavation in close proximity to the Underground Facilities, when such services are required by Local Government or other agency with control over the Local Government

ROW or Other ROW Local Government shall use its best efforts in any design and construction of its future road improvement projects to avoid or mitigate the necessity of relocating or adjusting the Underground Facilities in Local Government ROW and, to the extent reasonably practicable, in Other ROW.

Local Government shall only be responsible for relocation costs associated with replacement facilities conforming to FPL standards in effect at the time of relocation. Any costs associated with the replacement facilities to provide increased capacity, improved reliability, future use facilities, or other such enhancements over and above the FPL standards in effect at the time of the relocation shall not be the responsibility of Local Government.

Nothing herein shall preclude Local Government from obtaining reimbursement for any and all costs requiring FPL to relocate or rearrange any of its Underground Facilities from that entity which initiated the requirement for the relocation or rearrangement of the facilities, excluding only other agencies which own or have jurisdiction over the ROW.

FPL shall be responsible for any and all costs of removal or relocation when such removal or relocation is initiated by FPL. Additionally, FPL agrees that when any portion of a street is excavated by FPL in the location, relocation or repair of any of its facilities when said location, relocation or repair is initiated by FPL, the portion of the street so excavated shall, within a reasonable time and as early as practical after such excavation, be replaced by FPL at its expense in a condition as good as it was at the time of such excavation.

4. **Abandonment or Sale of Local Government ROW.** If the Local Government desires to subsequently abandon or discontinue use of the Local Government ROW, and ownership of the land is transferred to a private party, the Local Government, as a condition of and prior to any such sale, abandonment, or vacation, shall grant FPL an easement satisfactory to FPL for the Underground Facilities then existing within the ROW or require the transferee to so grant FPL an easement satisfactory to FPL at the time of transfer. If ownership of the Local Government ROW is transferred to another public entity, that public entity shall take the ROW subject to the terms and conditions of this Agreement.

5. **Term.** This Agreement shall remain in effect for as long as FPL or any successor or assign owns or operates the Underground Facilities placed in the ROW.

6. **Title and Ownership of Underground Facilities.** Title and ownership of Underground Facilities installed by FPL as a result of this Agreement shall, at all times, remain the property of FPL.

7. **Conversion Outside ROW.** In the event that the FPL Underground Facilities are not, for any reason other than the sole error of FPL or its contractors,

constructed within the ROW, Local Government shall grant or secure, at Local Government's sole cost and expense, new easements or ROW grants for the benefit of FPL for the placement of the Underground Facilities in these areas, and shall secure subordinations of any mortgages affecting these tracts to the interest of FPL. In the alternative, at the discretion of Local Government, Local Government shall reimburse FPL for all costs incurred to remove said facilities which were constructed outside the ROW and for reinstallation within the ROW. FPL shall be responsible at completion of construction for notifying Local Government in writing of FPL's approval and acceptance of the conversion as being constructed within the ROW. Upon acceptance there shall be no further responsibility on the Local Government for relocations referenced in this paragraph.

8. **Agreement Subject to FPL's Electric Tariff.** This Agreement is subject to FPL's electric tariff, including but not limited to the general rules and regulations for electric service and the rules of the Florida Public Service Commission.

9. **Venue; Waiver of Jury Trial.** This Agreement shall be enforceable in Martin County, Florida, and if legal action is necessary by either party with respect to the enforcement of any or all of the terms or conditions herein, exclusive venue for the enforcement of same shall lie in Martin County, Florida. By entering into this Agreement, FPL and the Local Government expressly waive any rights either party may have to a trial by jury of any civil litigation related to or arising out of this Agreement. This Agreement shall be construed in accordance with the laws of the State of Florida.

10. **Attorney Fees.** In the event it becomes necessary for either party to institute or defend legal proceedings as a result of the failure of the other party to comply with the terms, covenants, or provisions of this Agreement, each party in such litigation shall bear its own cost and expenses incurred and extended in connection therewith, including, but not limited to attorneys' fees and court costs through all trial and appellate levels.

11. **Assignment.** The Local Government shall not assign this Agreement without the written consent of FPL.

12. **Recording.** This Agreement shall be adopted by the Local Government and maintained in the official records of Local Government for the duration of the term of this Agreement. This Agreement also shall be recorded in the Official Records of the County in which the Underground Facilities are located, in the place and in the manner in which deeds are typically recorded.

13. **Conflict between Terms of Permit or Franchise Agreement.** In the event of a conflict between the terms of this Agreement and any permit or franchise agreement entered into by Local Government and FPL, the terms of this Agreement shall control.

14. **Notice.** Any notice, instruction or other communication to be given to either party hereunder shall be in writing and shall be hand delivered, telecopied, sent by Federal Express or a comparable overnight service or by U. S. registered or certified mail, with return receipt requested and postage prepaid to each party at their respective addresses set forth below:

As to Local Government:

City of South Daytona
Attention: City Manager
1672 S. Ridgewood Avenue
South Daytona, Florida 32119

As to FPL:

IN WITNESS WHEREOF, Florida Power & Light Company and Local Government have executed this Agreement on the date first set forth above.

For **LOCAL GOVERNMENT:**

By: _____
(signature)

Name: _____
(print or type)

Title: _____
(print or type)

By: _____
(signature)

Name: _____
(print or type)

Title: _____
(print or type)

Approved as to Terms and Conditions: _____
(signature/title)

Approved as to Form and Legal Sufficiency: _____
(signature/title)

For **FLORIDA POWER & LIGHT COMPANY**

By: _____
(signature)

Name: _____
(print or type)

Title: _____
(print or type)



NOTIFICATION OF FPL FACILITIES

Customer/Agency City of S Daytona
Developer/Contractor Name City of S Daytona
Location of Project: Ridgewood Ave – McDonald St & Ridge
City: City of S Daytona
FPL Representative: Andrea Castelblanco
Developer/Contractor Representative: Josh McEnany

Date of Meeting/Contact: June, 7, 2024
Project Number/Name: S Daytona - Ph 1 OH-UG Conversion

Phone: 561-389-9976
FPL Work Request #/Work Order #: 12163826

FPL calls your attention to the fact that there may be energized, high voltage electric lines, both overhead and underground, located in the area of this project. It is imperative that you visually survey the area and that you also take the necessary steps to identify all overhead and underground facilities prior to commencing construction to determine whether the construction of any proposed improvements will bring any person, tool, machinery, equipment or object closer to FPL's power lines than the OSHA-prescribed limits. If it will, you must either re-design your project to allow it to be built safely given the pre-existing power line location, or make arrangements with FPL to either deenergize and ground our facilities, or relocate them, possibly at your expense. **You must do this before allowing any construction near the power lines.** It is impossible for FPL to know or predict whether or not the contractors or subcontractors, and their employees, will operate or use cranes, digging apparatus or other mobile equipment, or handle materials or tools, in dangerous proximity to such power lines during the course of construction, and, if so, when and where. Therefore, if it becomes necessary for any contractor or subcontractor, or their employees, to operate or handle cranes, digging apparatus, draglines, mobile equipment, or any other equipment, tools or materials in such a manner that they might come closer to underground or overhead power lines than is permitted by local, state or federal regulations, you and any such contractor or subcontractor must notify FPL in writing of such planned operation prior to the commencement thereof and make all necessary arrangements with FPL in order to carry out the work in a safe manner. **Any work in the vicinity of the electric lines should be suspended until these arrangements are finalized and implemented.**

The National Electrical Safety Code ("NESC") prescribes minimum clearances that must be maintained. If you build your structure so that those clearances cannot be maintained, you may be required to compensate FPL for the relocation of our facilities to comply with those clearances. As such, you should contact FPL prior to commencing construction near pre-existing underground or overhead power lines to make sure that your proposed improvement does not impinge upon the NESC clearances.

It is your responsibility and the responsibility of your contractors and subcontractors on this project to diligently fulfill the following obligations:

1. Make absolutely certain that all persons responsible for operating or handling cranes, digging apparatus, draglines, mobile equipment or any equipment, tool, or material capable of contacting a power line, are in compliance with all applicable state and federal regulations, including but not limited to U.S. Department of Labor OSHA Regulations, while performing their work.
2. Make sure that all cranes, digging apparatus, draglines, mobile equipment, and all other equipment or materials capable of contacting a power line have attached to them any warning signs required by U.S. Department of Labor OSHA Regulations.
3. Post and maintain proper warning signs and advise all employees, new and old alike, of their obligation to keep themselves, their tools, materials and equipment away from power lines per the following OSHA minimum approach distances (refer to OSHA regulations for restrictions):

<u>*Power Line Voltages</u>	<u>**Personnel and Equipment</u> (29 CFR 1910.333 and 1926.600)	<u>Cranes and Derricks</u> (29 CFR 1926.1407, 1408)	<u>Travel under or near Power Lines (on construction sites, no load)</u> (29 CFR 1926.600 – Equipment) (1926.1411 – Cranes and Derricks)	
0 - 750 volts	10 Feet	10 Feet	4 Feet	4 Feet
751 - 50,000 volts	10 Feet	10 Feet	4 Feet	6 Feet
69,000 volts	11 Feet	15 Feet	10 Feet	10 Feet
115,000 volts	13 Feet	15 Feet	10 Feet	10 Feet
138,000 volts	13 Feet	15 Feet	10 Feet	10 Feet
230,000 volts	16 Feet	20 Feet	10 Feet	10 Feet
500,000 volts	25 Feet	25 Feet	16 Feet	16 Feet

***When uncertain of the voltage, maintain a distance of 20 feet for voltages up to 350,000 volts and 50 feet for voltages greater than 350,000 volts.**

****For personnel approaching insulated secondary conductors less than 750 volts, avoid contact (Maintain 10 Feet to bare energized conductors less than 750 volts). For qualified personnel and insulated aerial lift equipment meeting requirements of 29 CFR 1910.333, distances may be reduced to those shown in 29 CFR 1910.333 Table S-5.**

4. All excavators are required to contact the Sunshine State One Call of Florida, phone number 1-800-432-4770 or 811 a minimum of two working days (excluding weekends) in advance of commencement of excavation to ensure facilities are located accurately.
5. Conduct all locations and excavations in accordance with the Florida Statute 556 of the Underground Facilities Damage Prevention & Safety Act and all local city and county ordinances that may apply.
6. When an excavation is to take place within a tolerance zone, an excavator shall use increased caution to protect underground facilities. The protection requires hand digging, pot holing, soft digging, vacuum methods, or similar procedures to identify underground facilities.

A copy of this notification must be provided by you to each contractor and subcontractor on this project, to be shared with their supervision and employees prior to commencing work on this project.

Email
Means by which this notification was provided to customer and/or contractor

jmcenany@southdaytona.org
Address

FPL Representative Signature

Date

Customer/Developer/Contractor Representative Signature

Date