



June 13, 2019

**Angela Gargin**  
Office Manager  
Living Water Construction

RE: POPEYES – 750 S STATE RD 7, MARGATE REQUEST FOR CONVERSION OF  
FPL PRIMARY OVERHEAD FEEDER FACILITIES TO UNDERGROUND

Dear Angela,

Per your email we have reviewed your request to convert the FPL Primary Overhead Feeder facilities and place them underground. The frontage of this specific site is only approximately 370 feet.

Due to service reliability and good engineering practices FPL would not convert these facilities from overhead to underground. FPL needs to maintain its high standard for service reliability and conversions of this type create several additional potential points of failure for the FPL facilities. If FPL were to convert spans as short as this, it would have an up and down roller coaster effect on our facilities creating an excessive amount of potential points of failure and severely impact the service reliability to the surrounding community.

Conversions of this type do nothing to improve the reliability or the aesthetics of the surrounding area as the poles do not disappear; they either become a much larger self-supporting concrete pole or FPL has to add additional equipment such as down guys and anchors in the ground to support the momentum of the overhead facilities being dead-ended on either side of the proposed site for conversion.

If FPL were to convert these facilities it would be more practical to be done as part of the overall conversion of State Rd 7. The City of Margate has contacted me about such an undertaking and as such the new ballpark cost that would be the approximate portion for this parcel is approximately \$157,500 which would include three switch cabinets, 2 single phase transformers, and the underground feeder cable.

Should you have any other questions please feel free to contact me at 954-956-2051.

Sincerely,

Juan I Amengual  
Associate Engineer  
Office 954-956-2051; Fax 954-956-2020