



Financial Services
7 North Dixie Highway
Lake Worth, FL 33460
561.586.1651

**Addendum No. 1
RFP 16-213**

ANALYSIS OF THE PROPOSED DISTRIBUTION SYSTEM UPGRADE PLANS

Each recipient of this Addendum No. 1 to the Request for Proposal (RFP) who responds to the RFP acknowledges all of the provisions set forth in the RFP and agrees to be bound by the terms thereof. This addendum shall modify, clarify, change or add information and clarification and become part of the above referenced RFP.

CLARIFICATION:

1. Will there be a pre-bid walk through for this project?
A: *CLWU has not planned a pre-bid walk through.*
2. Will the City of Lake worth conduct a pre-proposal meeting for respondents to request clarification on RFP 16-213 directly, either on-site or via conference call?
A: *Yes. Will be held on 10/15/2016 at 1:00 pm.*
3. Does the City of Lake Worth anticipate a field assessment will be required for the identification of feasibility issues and construction limitations requested in Item 2.1.2 on page 12? Or, will the evaluation be limited to detail engineering analysis (modeling of existing, proposed & contingency configurations) for the evaluation? Please indicate if both are expected.
A: *Both field assessment and engineering analysis are expected.*
4. Will the proposed methods to address the issues identified in Item 2.1.2 on page 12 require distribution design? If so, are the requirements for a preliminary design or better?
A: *Yes, preliminary design is sufficient.*
5. Will the required cost estimates for the proposed methods to address the issues identified in item 2.1.2 on page 12 be planning level estimates or better?
A: *The required cost estimates shall be at a planning/feasibility level.*



6. Can the City of Lake worth please clarify the expectations for Items 2.1.3, 2.1.5 & 2.1.6 on page 12?

A: *2.1.3 – Line conductor survey is limited to existing underground cable and areas of proposed new construction.*

Items 2.1.5 and 2.1.6 would include system modeling and corresponding analysis. CAPE software is the preferred tool to be used for these purposes.

7. Is the Five-Year Capital Improvements Plan (CIP) in Item 2.1.8 on page 12 limited to the conversion area only, or will the CIP include recommendations for the entire Lake Worth electric system?

A: *The 5 Year CIP shall include modifications and upgrades to sub-transmission and distribution circuits for all of LWU service territory. Conversion area is subject to change based on review/analysis.*

8. Will the two conversion plans prepared in-house, including the construction requirements, estimated costs, and economic analysis be provided to the selected consultant once the project is awarded?

A: *The CLWU will provide all the existing information related to the conversion project. That will include reports from engineering studies and surveys that were carried out previously, proposed system design drawings for both options, and calculations of costs associated with each option.*

9. If detailed engineering analysis is required, will the City of Lake worth be providing a CAPE model of the electric facilities being evaluated, or will the selected consultant be required to build a model of the system?

A: *The selected bidder is expected to build a CAPE model.*

10. If the selected consultant is expected to build and engineering model of the electric system, what information can the City of Lake worth provide as a basis for the model development?

A: *The CLWU will provide the following:*

- *One-line schematic of the existing system*
- *Conceptual one-line schematics of 2 (two) proposed system design options*
- *Overall system load data as needed*
- *List of the existing generation sources and their individual characteristics such as MVA inputs into the system and the duration of each unit being in operation.*
- *Relay settings*
- *GIS Distribution system map*
- *Any additional information/system components specifications requested by engineering consulting firm upon award of bid.*

11. If the selected consultant is expected to build and engineering model of the electric system, would analysis software other than CAPE be acceptable?

A: *The CLWU currently owns a CAPE license. Thus, CAPE model is preferred.*



12. Can the City of Lake worth please confirm the project schedule of 90 days After Receipt of Order (ARO) (on page 6), or 60 days (see page 14)?

A: *The anticipated project schedule is 90 days.*

13. How many miles of overhead and underground lines are included in the analysis for this request for proposal?

A: *Refer to attached addendum for system one-line including existing 26.4 kV and 4.16 kV circuits. No populated data is available for line lengths for distribution at this time.*

14. What programs are used in designing distribution engineering projects?

A: *None at this time.*

Proposers must acknowledge receipt of this Addendum No. 1 in the space provided below. This Addendum forms an integral part of the RFP documents and therefore must be executed and submitted with you proposal.

Issued By: City of Lake Worth
Financial Services
October 12, 2016

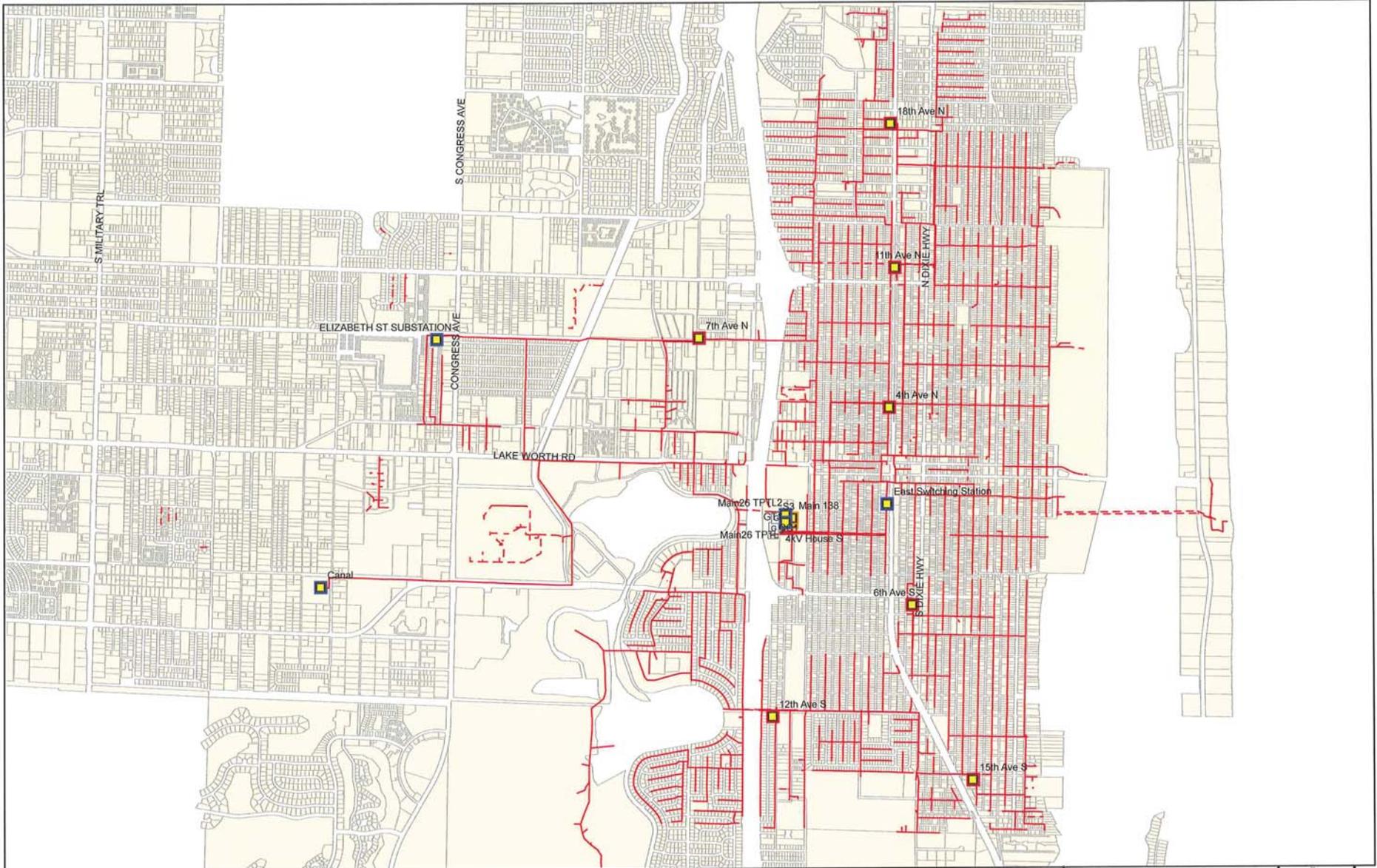
Signed By: *Hirut Darge*
Hirut Darge
Purchasing Agent

PROPOSER/Company

Company Name: _____

Signed By: _____ Print Name: _____

Title: _____ Date: _____



MAP PRINTED BY:
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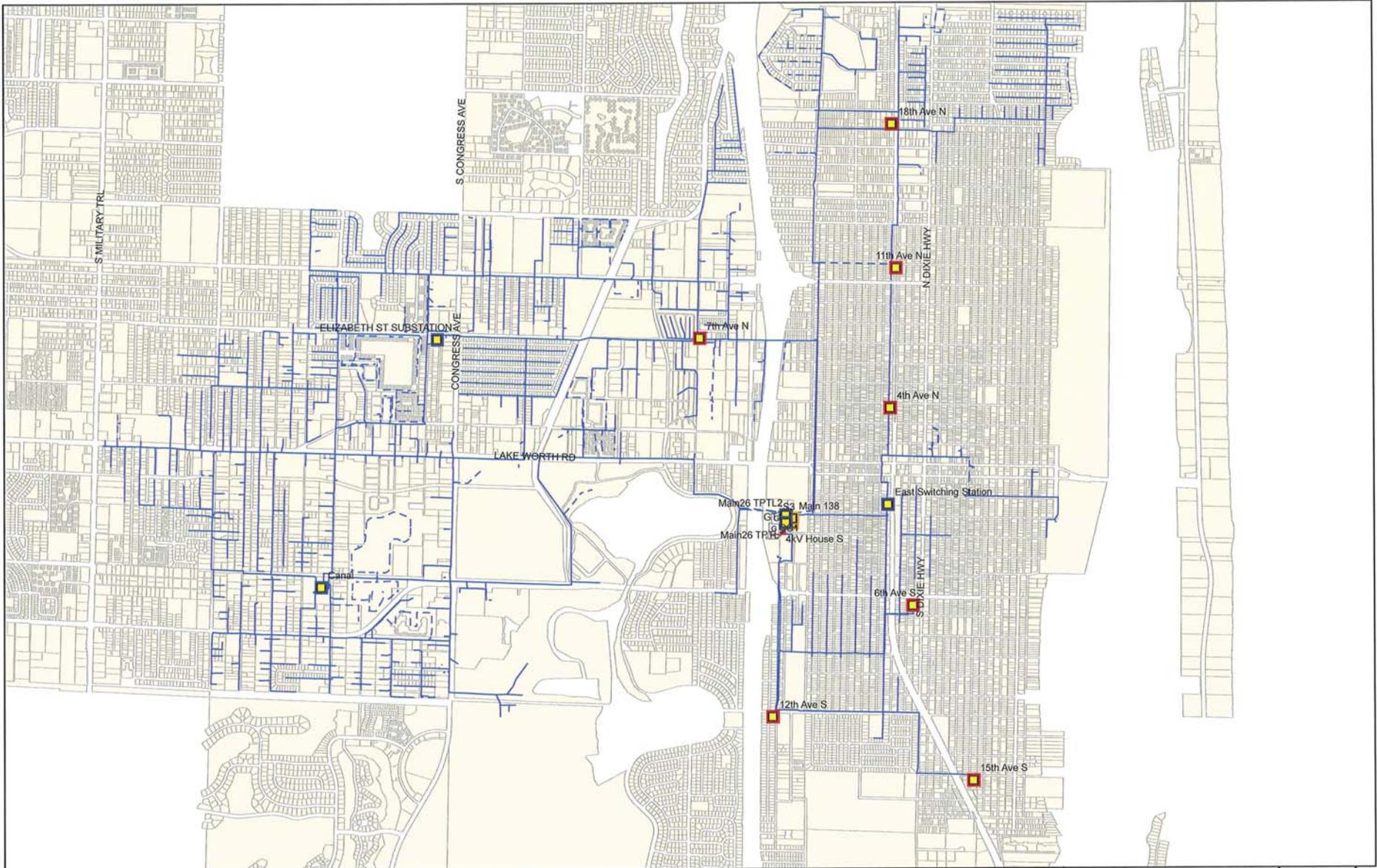
LAST UPDATE: 1/31/11

4 kV SYSTEM
ONE LINE

CITY OF LAKE WORTH UTILITIES
LAKE WORTH, FLORIDA

1 inch = 1,958 feet





MAP PRINTED BY:
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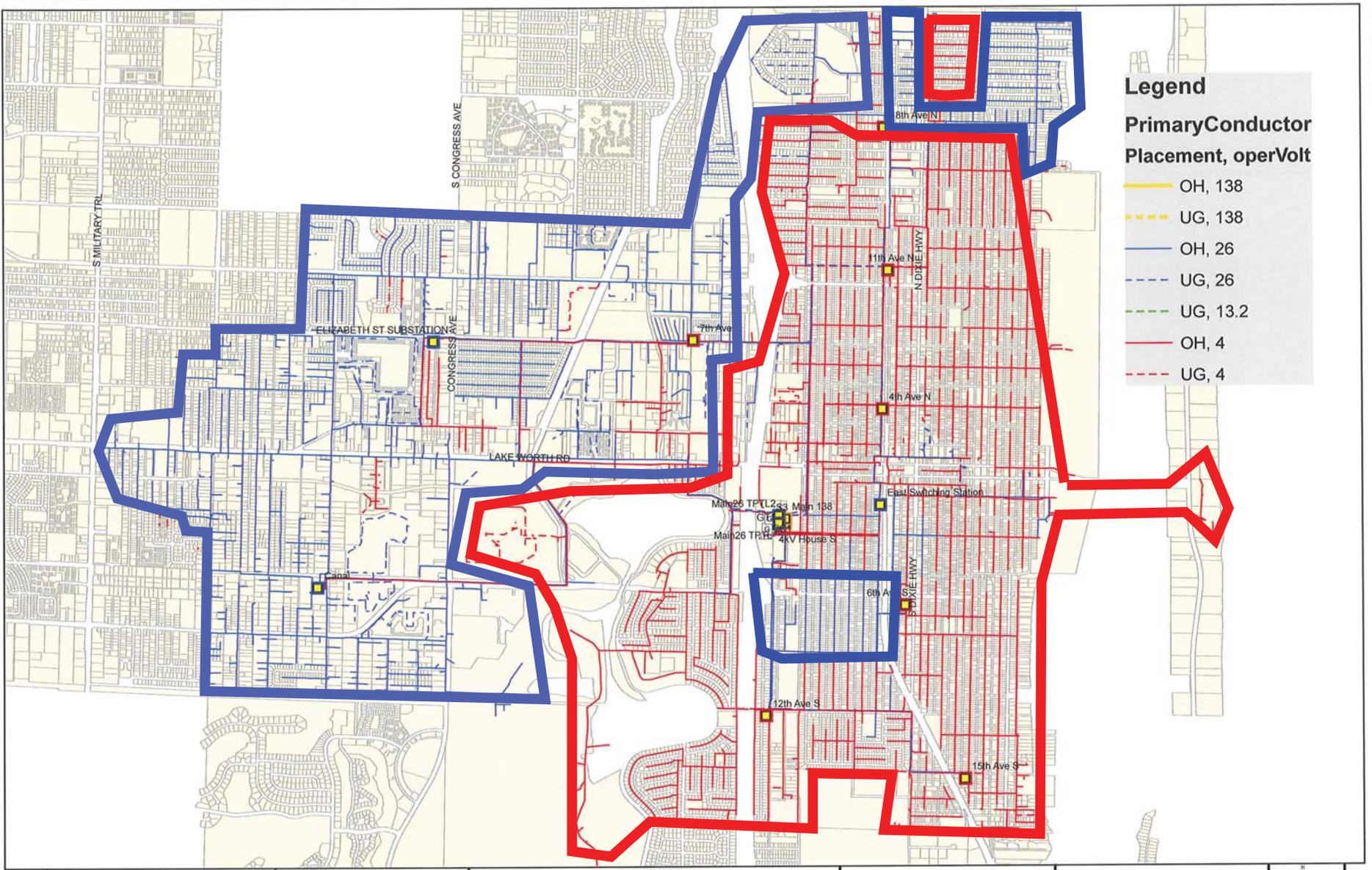
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26 kV SYSTEM
ONE LINE

CITY OF LAKE WORTH UTILITIES
LAKE WORTH, FLORIDA

1 inch = 1,958 feet





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SYSTEM
ONE LINE

CITY OF LAKE WORTH UTILITIES
LAKE WORTH, FLORIDA

1 inch = 1,958 feet

