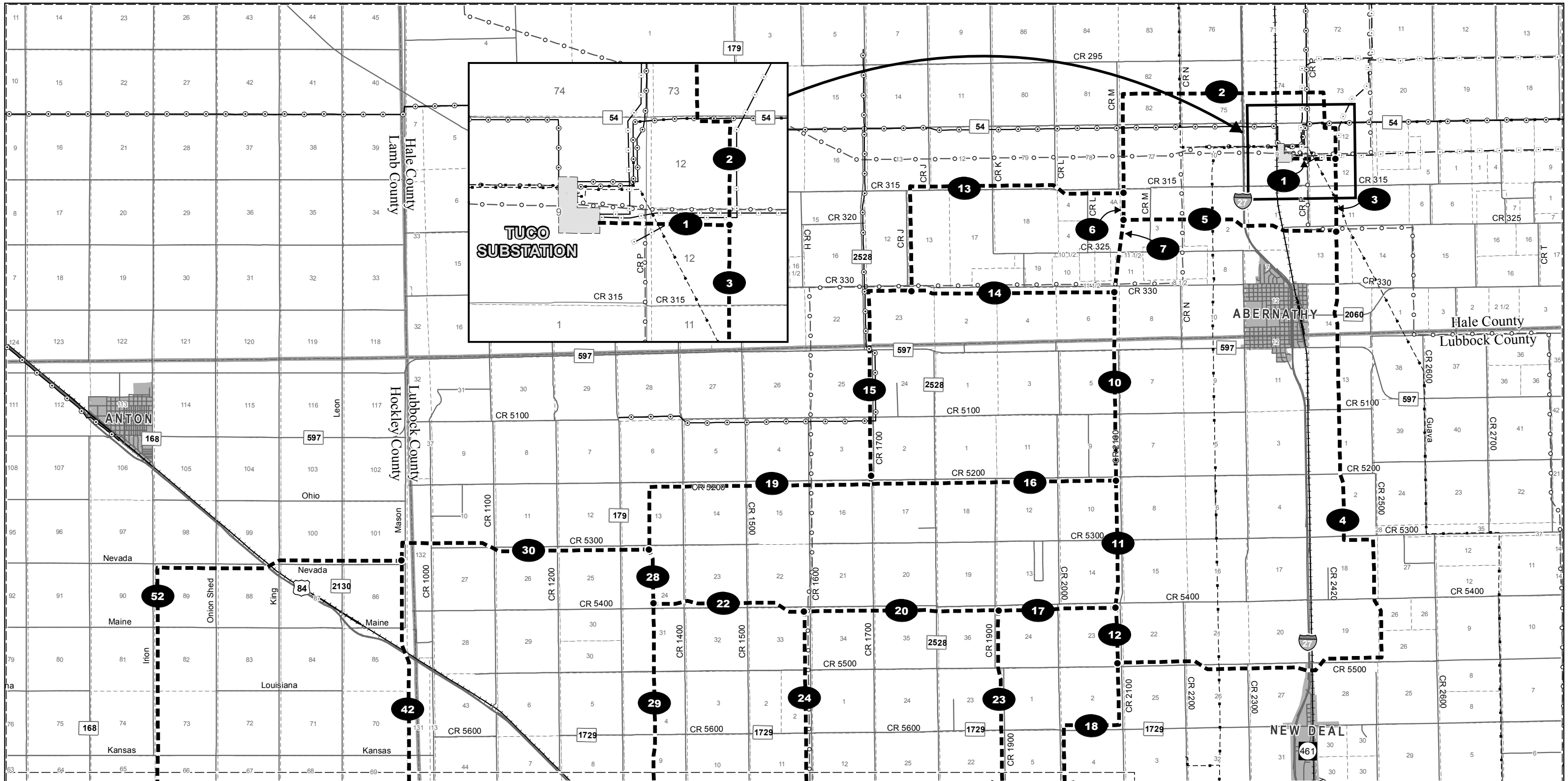




Project Features

- Project Substation
- Link Node
- Alternative Link
- Alternative Link ID

Utility Features

- Existing 69 - kV Transmission Line
- Existing 115 - kV Transmission Line
- Existing 230 - kV Transmission Line
- Existing 345 - kV Transmission Line

Transportation Features

- Interstate Highway
- US Highway
- State Highway
- Farm-to-Market Road
- County Road (CR)
- Railroad

Administrative Features

- County Boundary
- Municipal Boundary
- Section Boundary

Notes:

1. Some features are exaggerated to better identify paralleling opportunities.

2. This map provides a depiction of the approximate location of the alternative links, based on the information available at the time of the completion of the routing study. Once a route is selected and approved by the Public Utility Commission of Texas, the represented centerline could be subject to modification after access to property has been granted and on-the-ground surveys have been completed to identify unknown constraints or to determine the full scope of known constraints.

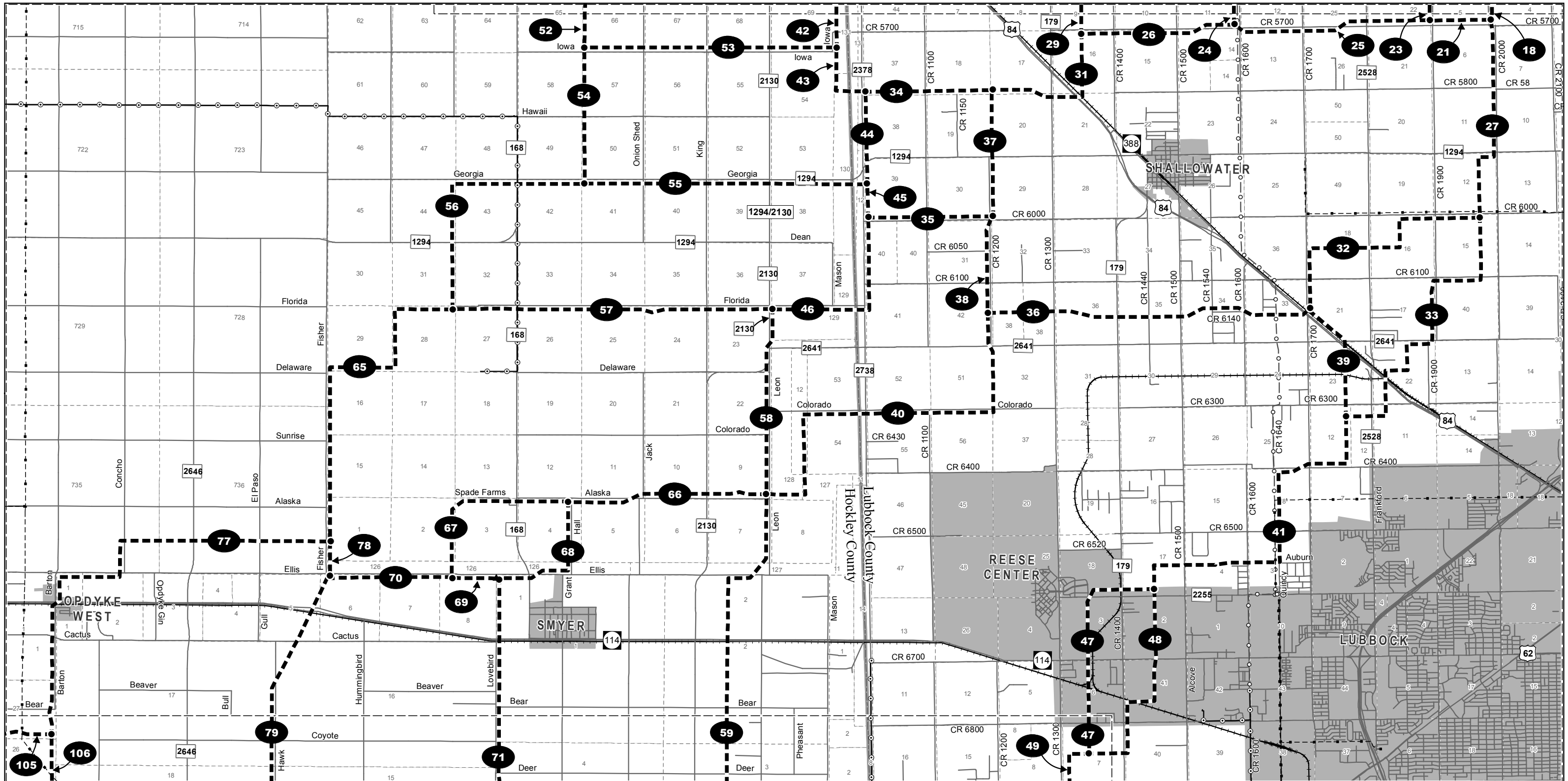
**TUCO - Yoakum
345 kV Project**

**Figure 3-1
Preliminary Alternative Links
Sheet 1 of 8**

0 1.5 3
Miles

Date: 6/20/2016

XcelEnergy



Project Features

- Project Substation
- Link Node
- Alternative Link
- Alternative Link ID

Utility Features

- Existing 69 - kV Transmission Line
- Existing 115 - kV Transmission Line
- Existing 230 - kV Transmission Line
- Existing 345 - kV Transmission Line

Transportation Features

- Interstate Highway
- US Highway
- State Highway
- Farm-to-Market Road
- County Road (CR)
- Railroad

Administrative Features

- County Boundary
- Municipal Boundary
- Section Boundary

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TUCO - Yoakum 345 kV Project

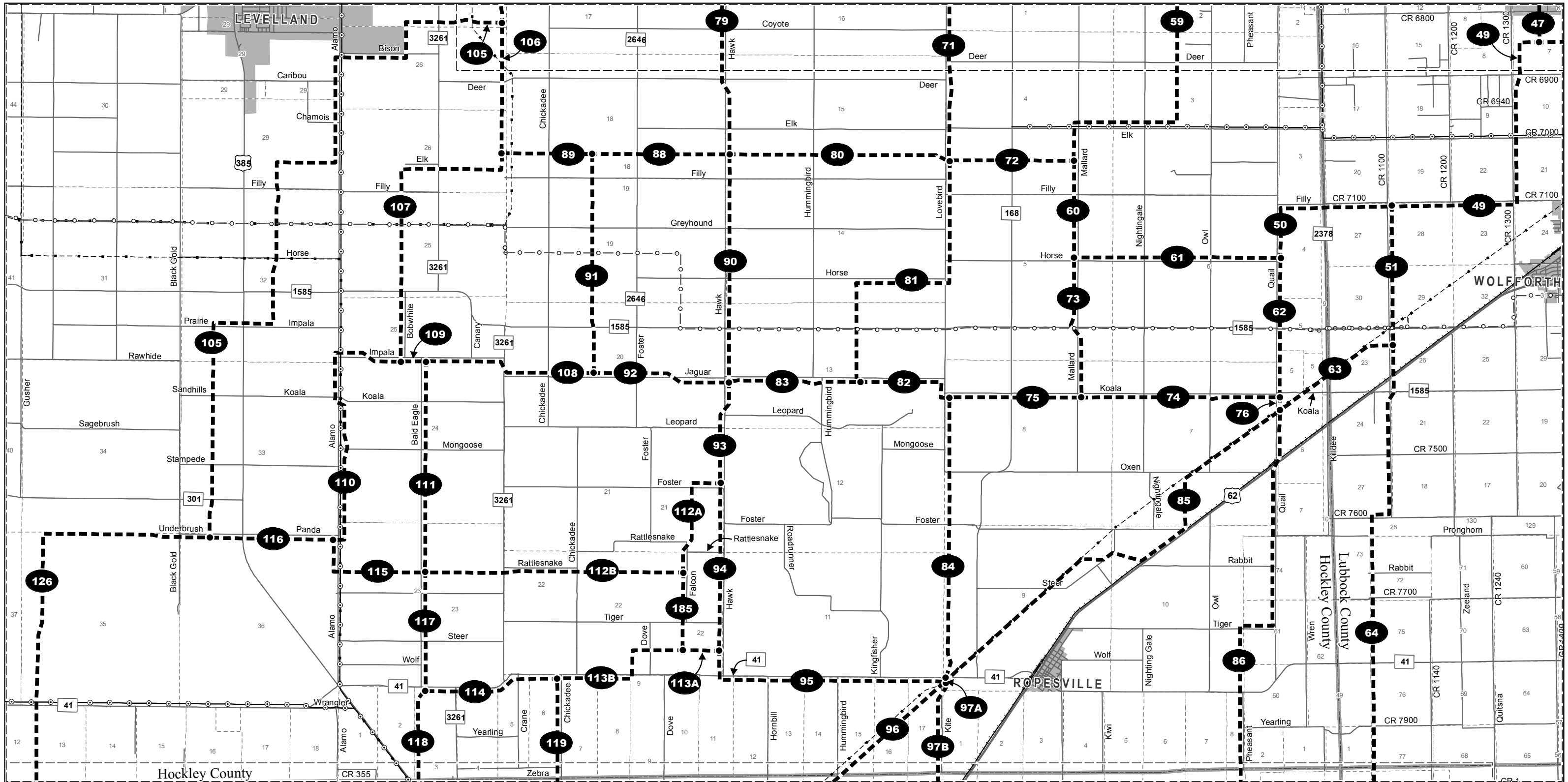
Figure 3-1

Preliminary Alternative Links

Sheet 2 of 8

0 1.5 3 Miles

Date: 6/20/2016



Project Features

- Project Substation
- Link Node
- Alternative Link
- Alternative Link ID

Utility Features

- Existing 69 - kV Transmission Line
- Existing 115 - kV Transmission Line
- Existing 230 - kV Transmission Line
- Existing 345 - kV Transmission Line

Transportation Features

- Interstate Highway
- US Highway
- State Highway
- Farm-to-Market Road
- County Road (CR)
- Railroad

Administrative Features

- County Boundary
- Municipal Boundary
- Section Boundary

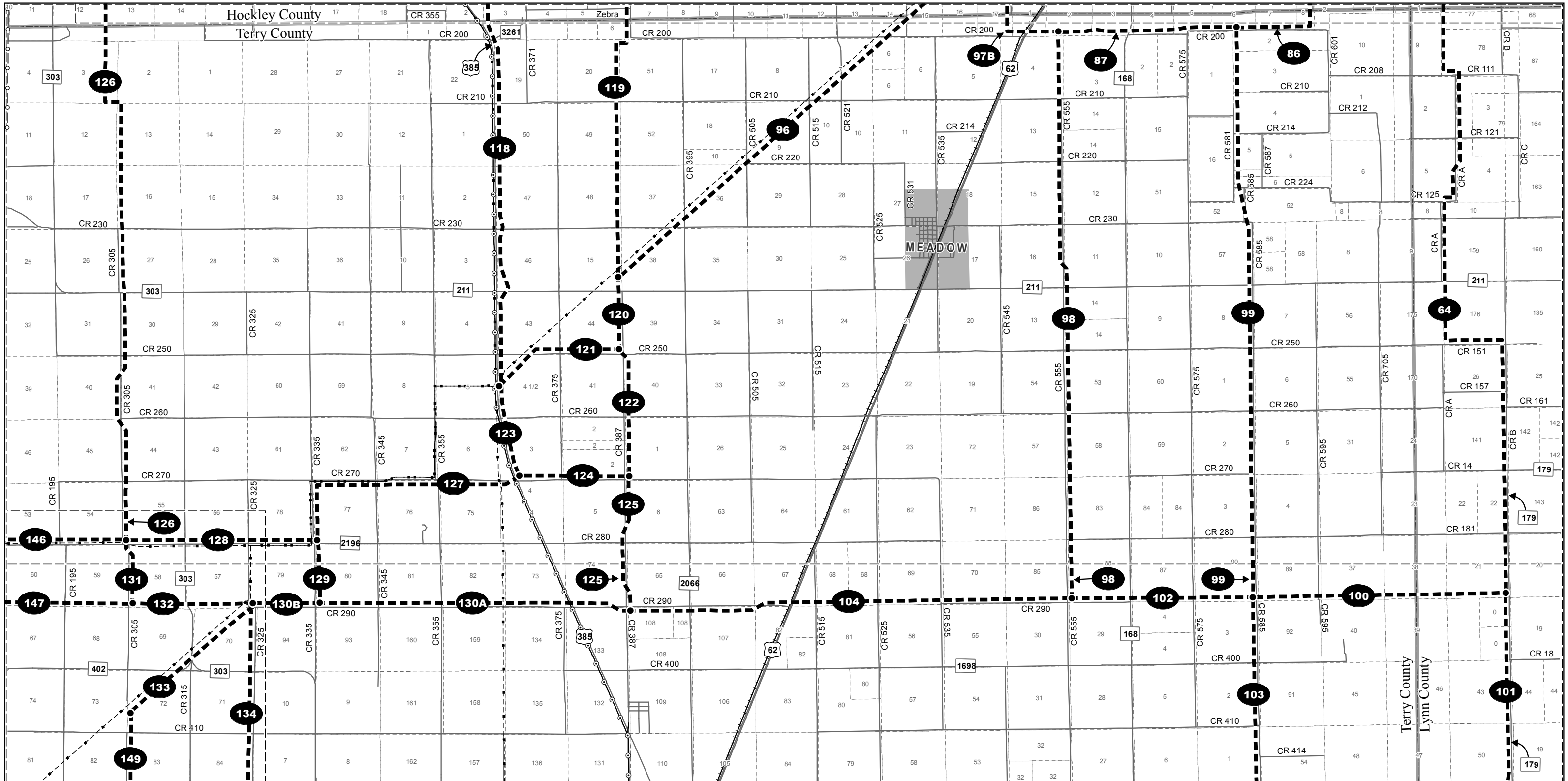
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**TUCO - Yoakum
345 kV Project**
Figure 3-1
Preliminary Alternative Links
Sheet 3 of 8

0 1.5 3
Miles

Date: 6/17/2016



Project Features

- Project Substation
- Link Node
- Alternative Link
- Alternative Link ID

Utility Features

- Existing 69 - kV Transmission Line
- Existing 115 - kV Transmission Line
- Existing 230 - kV Transmission Line
- Existing 345 - kV Transmission Line

Transportation Features

- Interstate Highway
- US Highway
- State Highway
- Farm-to-Market Road
- County Road (CR)
- Railroad

Administrative Features

- County Boundary
- Municipal Boundary
- Section Boundary

Notes:

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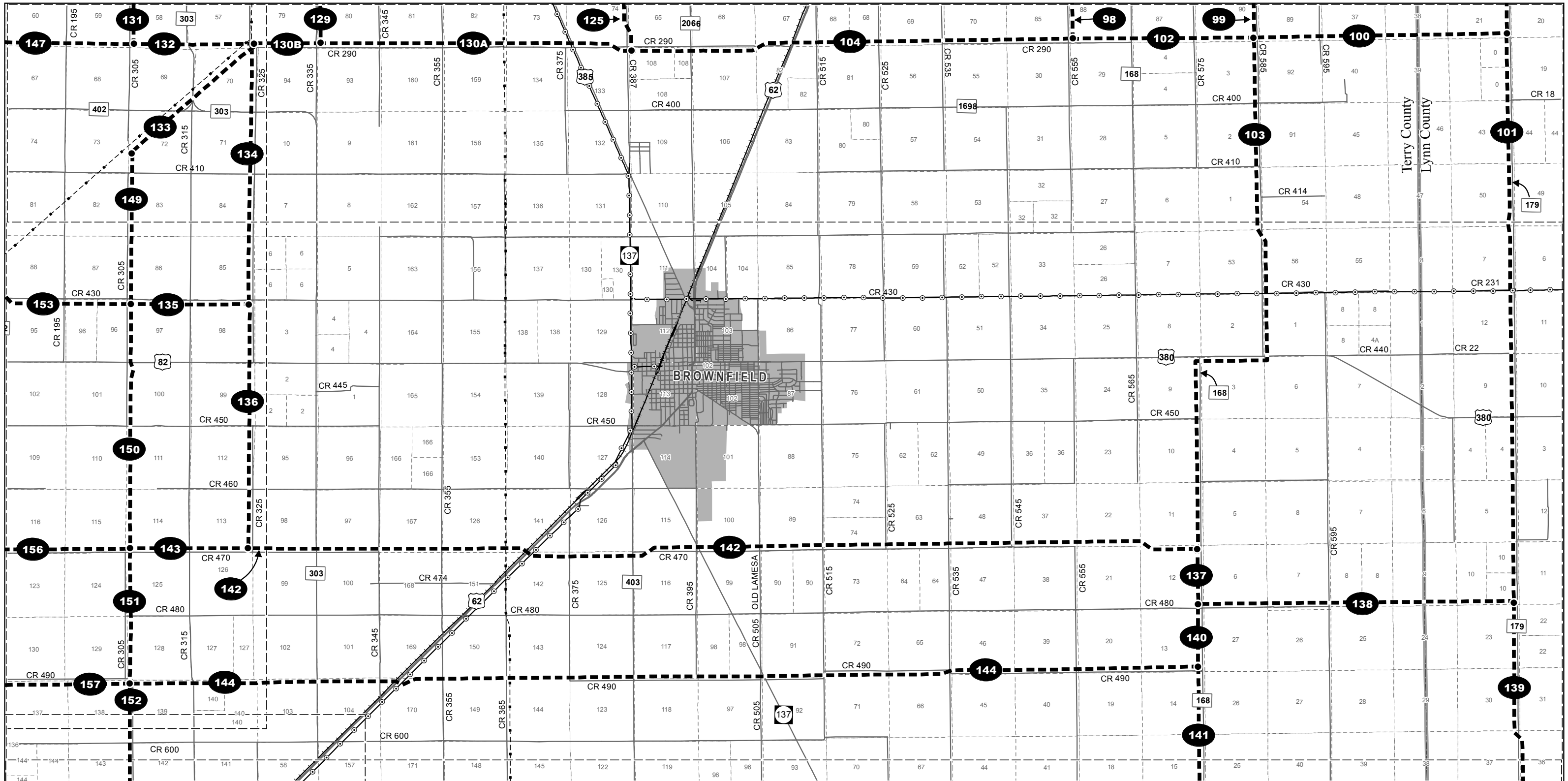
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**TUCO - Yoakum
345 kV Project**

**Figure 3-1
Preliminary Alternative Links
Sheet 4 of 8**

0 1.5 3
Miles

Date: 6/17/2016



Project Features

- Project Substation
- Link Node
- Alternative Link
- Alternative Link ID

Utility Features

- Existing 69 - kV Transmission Line
- Existing 115 - kV Transmission Line
- Existing 230 - kV Transmission Line
- Existing 345 - kV Transmission Line

Transportation Features

- Interstate Highway
- US Highway
- State Highway
- Farm-to-Market Road
- County Road (CR)
- Railroad

Administrative Features

- County Boundary
- Municipal Boundary
- Section Boundary

Notes:

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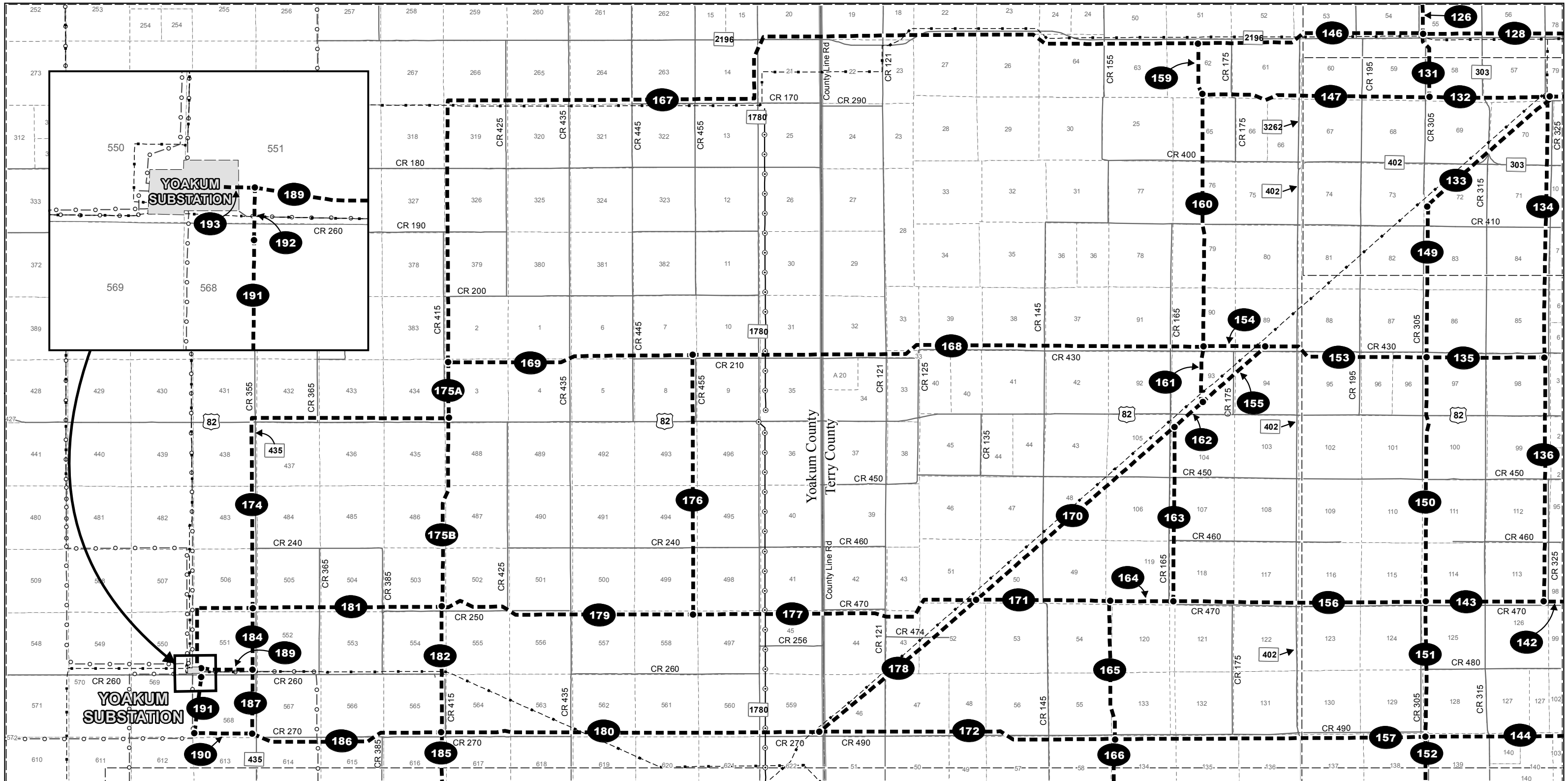
**TUCO - Yoakum
345 kV Project**

**Figure 3-1
Preliminary Alternative Links**

Sheet 5 of 8

0 1.5 3
Miles

Date: 6/17/2016



Project Features

- Project Substation
- Link Node
- Alternative Link
- Alternative Link ID

Utility Features

- Existing 69 - kV Transmission Line
- Existing 115 - kV Transmission Line
- Existing 230 - kV Transmission Line
- Existing 345 - kV Transmission Line

Transportation Features

- Interstate Highway
- US Highway
- State Highway
- Farm-to-Market Road
- County Road (CR)
- Railroad

Administrative Features

- County Boundary
- Municipal Boundary
- Section Boundary

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**TUCO - Yoakum
345 kV Project**

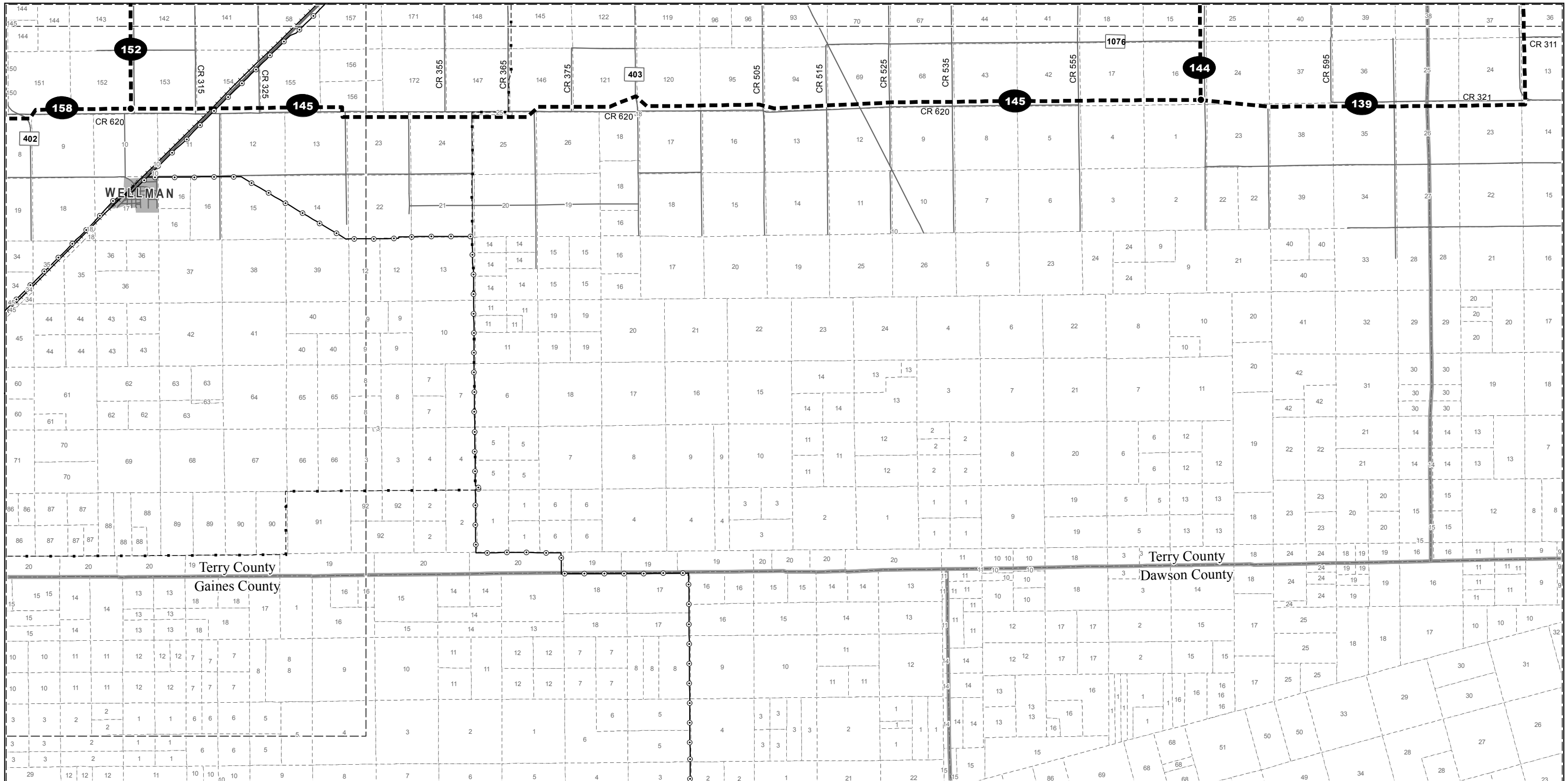
**Figure 3-1
Preliminary Alternative Links**

Sheet 6 of 8

0 1.5 3
Miles

Date: 6/17/2016

XcelEnergy



Project Features

- Project Substation
- Link Node
- Alternative Link
- Alternative Link ID

Utility Features

- Existing 69 - kV Transmission Line
- Existing 115 - kV Transmission Line
- Existing 230 - kV Transmission Line
- Existing 345 - kV Transmission Line

Transportation Features

- Interstate Highway
- US Highway
- State Highway
- Farm-to-Market Road
- County Road (CR)
- Railroad

Administrative Features

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**TUCO - Yoakum
345 kV Project**

**Figure 3-1
Preliminary Alternative Links
Sheet 7 of 8**

0 1.5 3
Miles

Date: 6/17/2016

