

This information is believed to be correct, but is subject to change and is not warranted. This information is for environmental review purposes only.

Image Source: Xcel Energy

- Transmission Structure without Distribution Underbuild
- Transmission Line
- ▨ Route

Route Width = 125 feet  
ROW Width = 50 feet

**Substations**

- |          |                              |
|----------|------------------------------|
| ■ Mt-28N | ■ Mt-28S                     |
| ■ G-5    | ■ Midtown North              |
| ■ G-4    | ■ Midtown South              |
| ■ G-3    | ■ Hiawatha West              |
| ■ G-2    | ■ Hiawatha East              |
| ■ G-1    | ■ Hiawatha Planned Expansion |



**Appendix B.2.1  
Route A Overhead**

Hiawatha Transmission Line  
Xcel Energy  
Minneapolis, Minnesota

January 2010

**DRAFT**

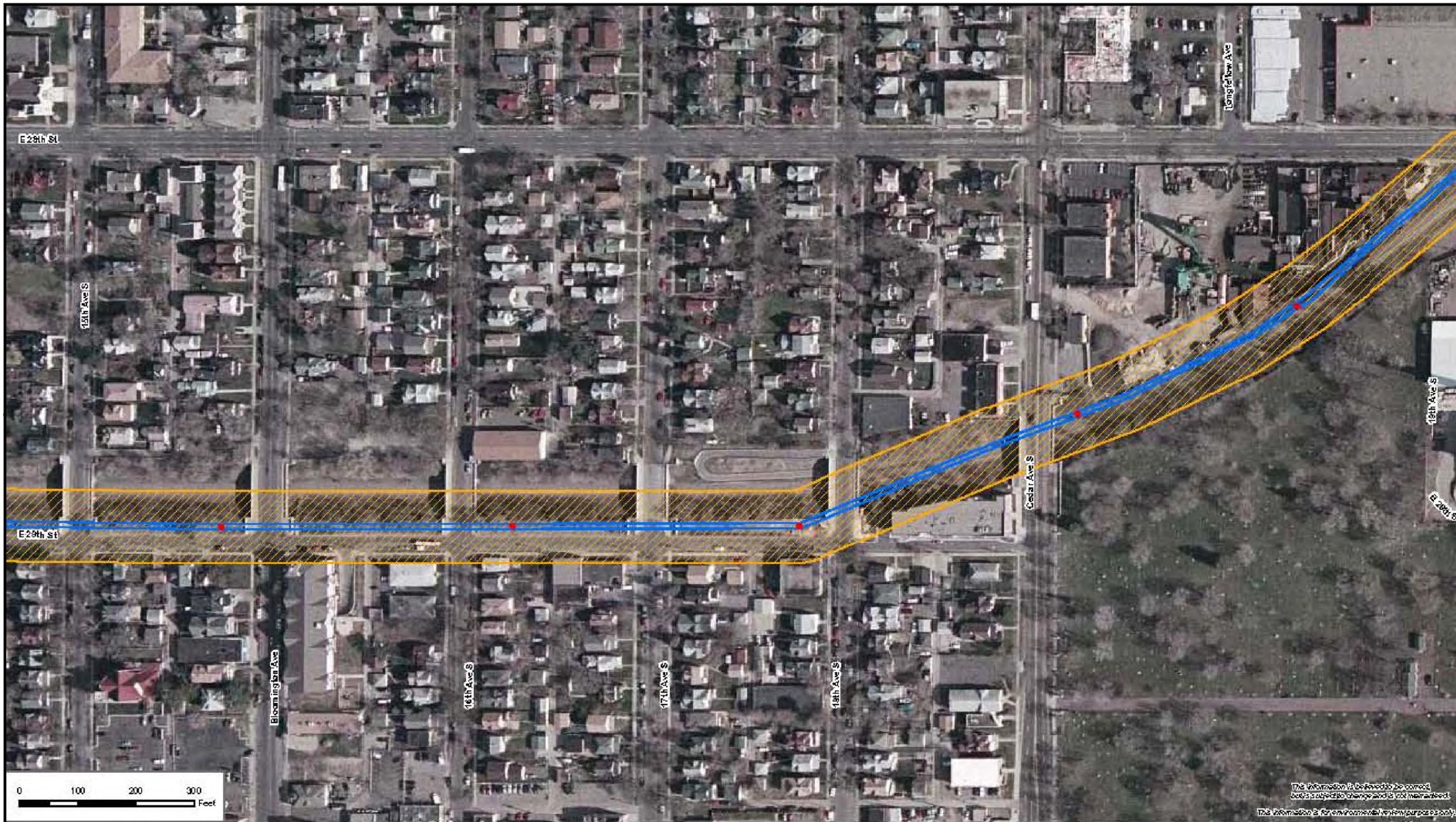


Image Source: Xcel Energy

- Transmission Structure without Distribution Underbuild
- Transmission Line
- Route

Route Width = 125 feet  
ROW Width = 50 feet

**Substations**

- |   |  |
|---|--|
| <span style="background-color: orange; width: 10px; height: 10px; display: inline-block;"></span> Mt-28N  | <span style="background-color: green; width: 10px; height: 10px; display: inline-block;"></span> Mt-28S                    |
| <span style="background-color: yellow; width: 10px; height: 10px; display: inline-block;"></span> G-5     | <span style="background-color: orange; width: 10px; height: 10px; display: inline-block;"></span> Midtown North            |
| <span style="background-color: blue; width: 10px; height: 10px; display: inline-block;"></span> G-4       | <span style="background-color: red; width: 10px; height: 10px; display: inline-block;"></span> Midtown South               |
| <span style="background-color: purple; width: 10px; height: 10px; display: inline-block;"></span> G-3     | <span style="background-color: pink; width: 10px; height: 10px; display: inline-block;"></span> Hiawatha West              |
| <span style="background-color: lightgreen; width: 10px; height: 10px; display: inline-block;"></span> G-2 | <span style="background-color: lightyellow; width: 10px; height: 10px; display: inline-block;"></span> Hiawatha East       |
| <span style="background-color: brown; width: 10px; height: 10px; display: inline-block;"></span> G-1      | <span style="background-color: cyan; width: 10px; height: 10px; display: inline-block;"></span> Hiawatha Planned Expansion |

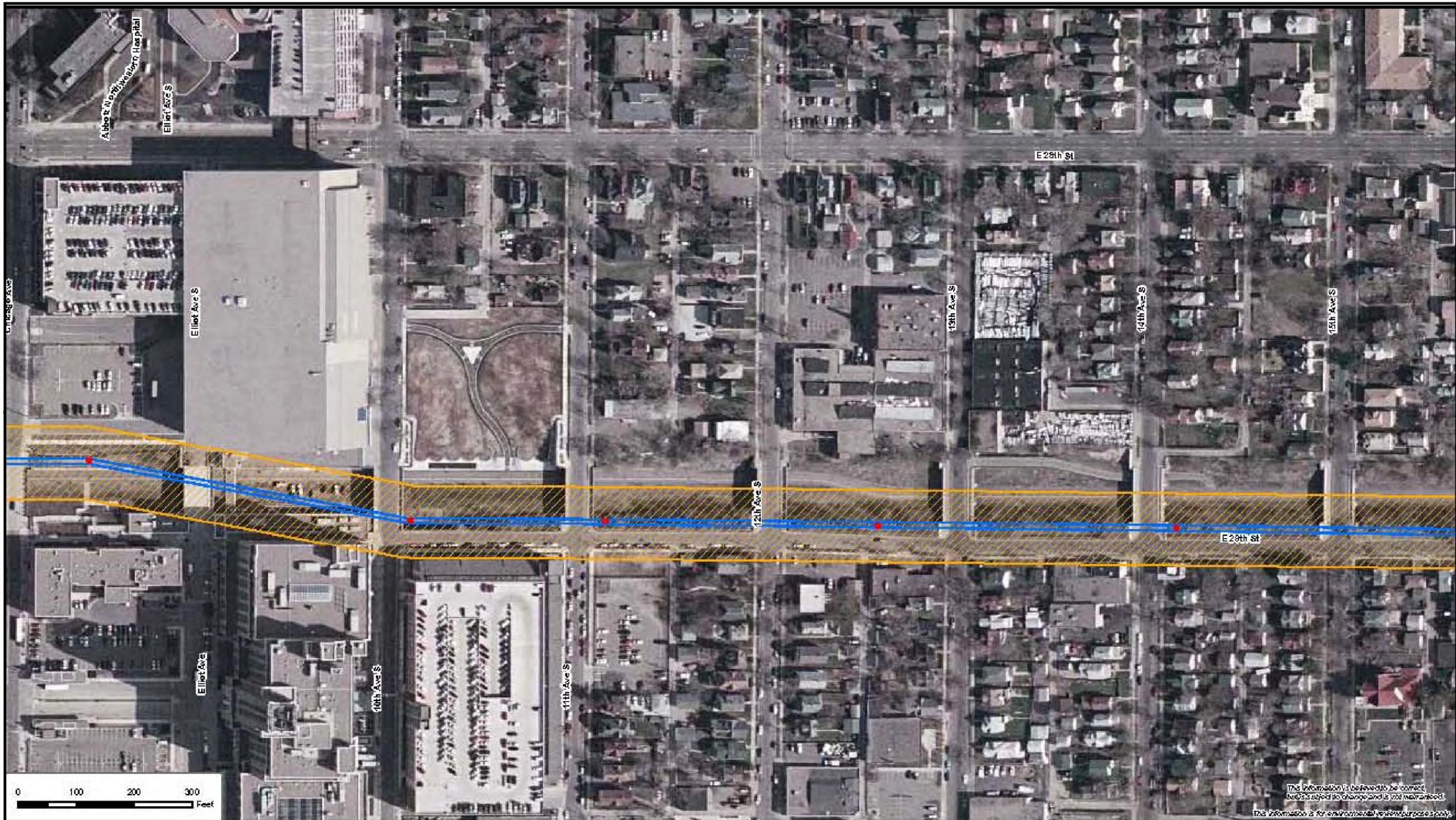


**Appendix B.2.2  
Route A Overhead**

Hiawatha Transmission Line  
Xcel Energy  
Minneapolis, Minnesota

January 2010

**DRAFT**



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Image Source: Xcel Energy

- Transmission Structure without Distribution Underbuild
- Transmission Line
- ▨ Route

Route Width = 125 feet  
ROW Width = 50 feet

**Substations**

- |          |                              |
|----------|------------------------------|
| ■ Mt-28N | ■ Mt-28S                     |
| ■ G-5    | ■ Midtown North              |
| ■ G-4    | ■ Midtown South              |
| ■ G-3    | ■ Hiawatha West              |
| ■ G-2    | ■ Hiawatha East              |
| ■ G-1    | ■ Hiawatha Planned Expansion |



**Appendix B.2.3  
Route A Overhead**

Hiawatha Transmission Line  
Xcel Energy  
Minneapolis, Minnesota

January 2010

**DRAFT**

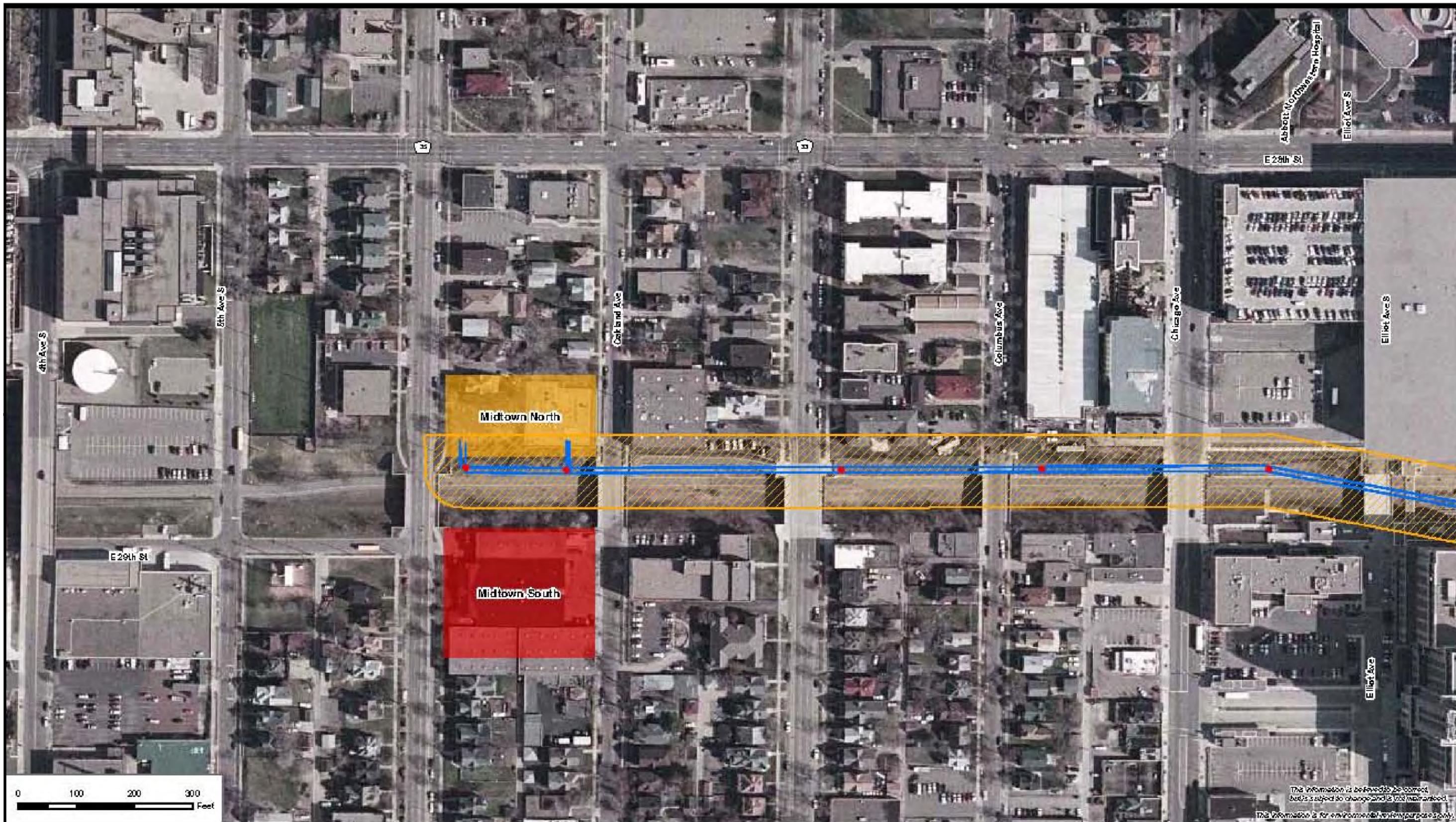


Image Source: Xcel Energy

● Transmission Structure without Distribution Underbuild

— Transmission Line

▨ Route

Route Width = 125 feet

ROW Width = 50 feet

**Substations**

- |   |   |
|---|---|
| <span style="display:inline-block; width:10px; height:10px; background-color:yellow; border:1px solid black;"></span> Mt-28N  | <span style="display:inline-block; width:10px; height:10px; background-color:lightgreen; border:1px solid black;"></span> Mt-28S                    |
| <span style="display:inline-block; width:10px; height:10px; background-color:orange; border:1px solid black;"></span> G-5     | <span style="display:inline-block; width:10px; height:10px; background-color:lightorange; border:1px solid black;"></span> Midtown North            |
| <span style="display:inline-block; width:10px; height:10px; background-color:blue; border:1px solid black;"></span> G-4       | <span style="display:inline-block; width:10px; height:10px; background-color:lightred; border:1px solid black;"></span> Midtown South               |
| <span style="display:inline-block; width:10px; height:10px; background-color:purple; border:1px solid black;"></span> G-3     | <span style="display:inline-block; width:10px; height:10px; background-color:lightpurple; border:1px solid black;"></span> Hiawatha West            |
| <span style="display:inline-block; width:10px; height:10px; background-color:lightgreen; border:1px solid black;"></span> G-2 | <span style="display:inline-block; width:10px; height:10px; background-color:lightyellow; border:1px solid black;"></span> Hiawatha East            |
| <span style="display:inline-block; width:10px; height:10px; background-color:maroon; border:1px solid black;"></span> G-1     | <span style="display:inline-block; width:10px; height:10px; background-color:lightcyan; border:1px solid black;"></span> Hiawatha Planned Expansion |



**Appendix B.2.4  
Route A Overhead**

Hiawatha Transmission Line  
Xcel Energy  
Minneapolis, Minnesota

January 2010

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