

- Transmission Structure without Distribution Underbuild
- Transmission Line
- Route

Route Width = 80 feet  
ROW Width = 30 feet

**Substations**

- |  |  |
|--|--|
| <span style="background-color: orange; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span> Mt-28N  | <span style="background-color: green; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span> Mt-28S         |
| <span style="background-color: yellow; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span> G-5     | <span style="background-color: orange; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span> Midtown North |
| <span style="background-color: blue; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span> G-4       | <span style="background-color: red; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span> Midtown South    |
| <span style="background-color: purple; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span> G-3     | <span style="background-color: pink; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span> Hiawatha West   |
| <span style="background-color: lightgreen; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span> G-2 | <span style="background-color: yellow; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span> Hiawatha East |
| <span style="background-color: brown; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span> G-1      | <span style="background-color: cyan; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span> Zimmer Davis    |

N



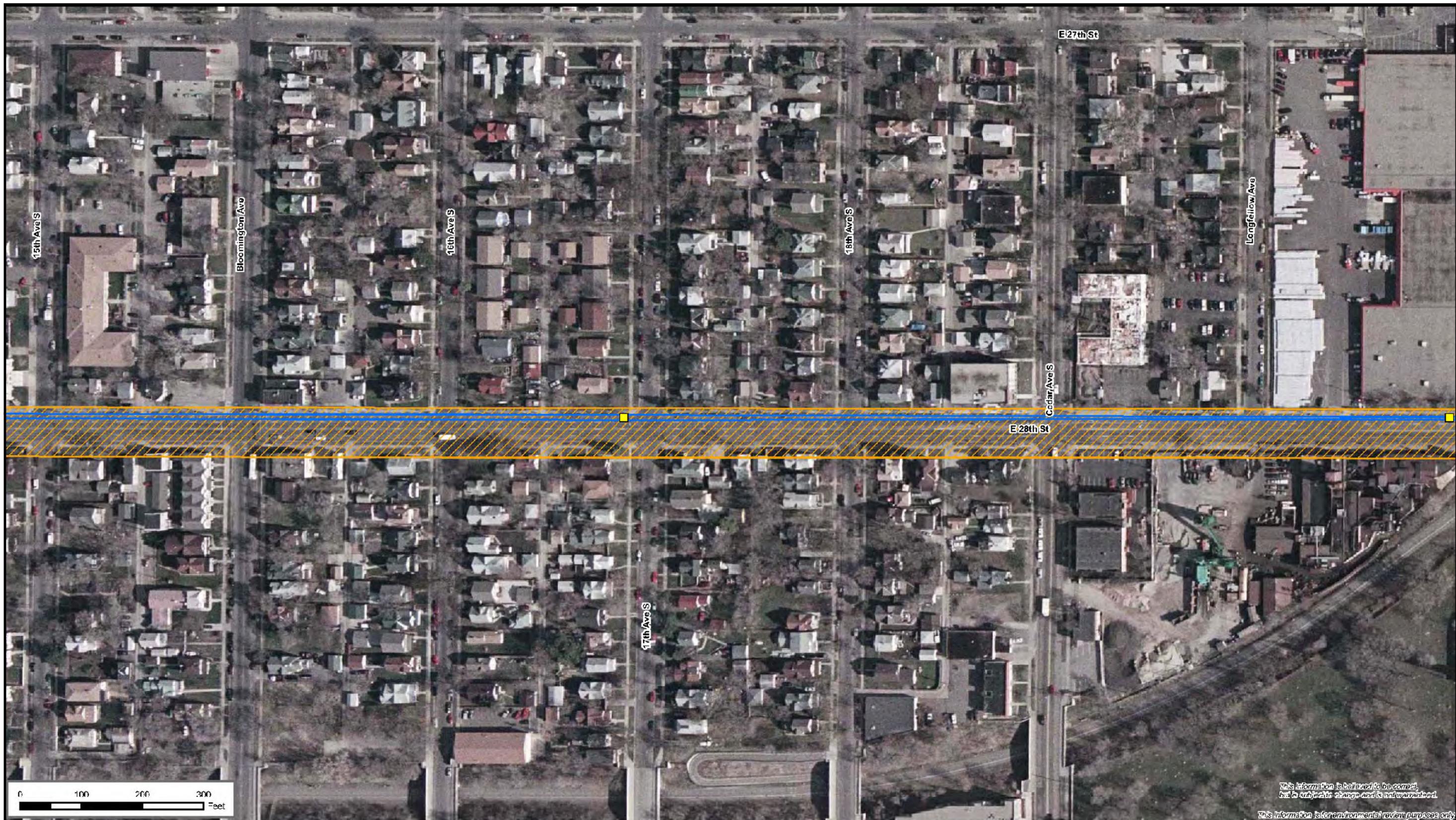
ERM.

**Appendix B.5.1  
Route D Map - 1 of 4**

**Hiawatha Transmission Line  
Xcel Energy  
Minneapolis, Minnesota**

June 2010

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



*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 = 80 feet  
 ROW Width = 30 feet

**Substations**

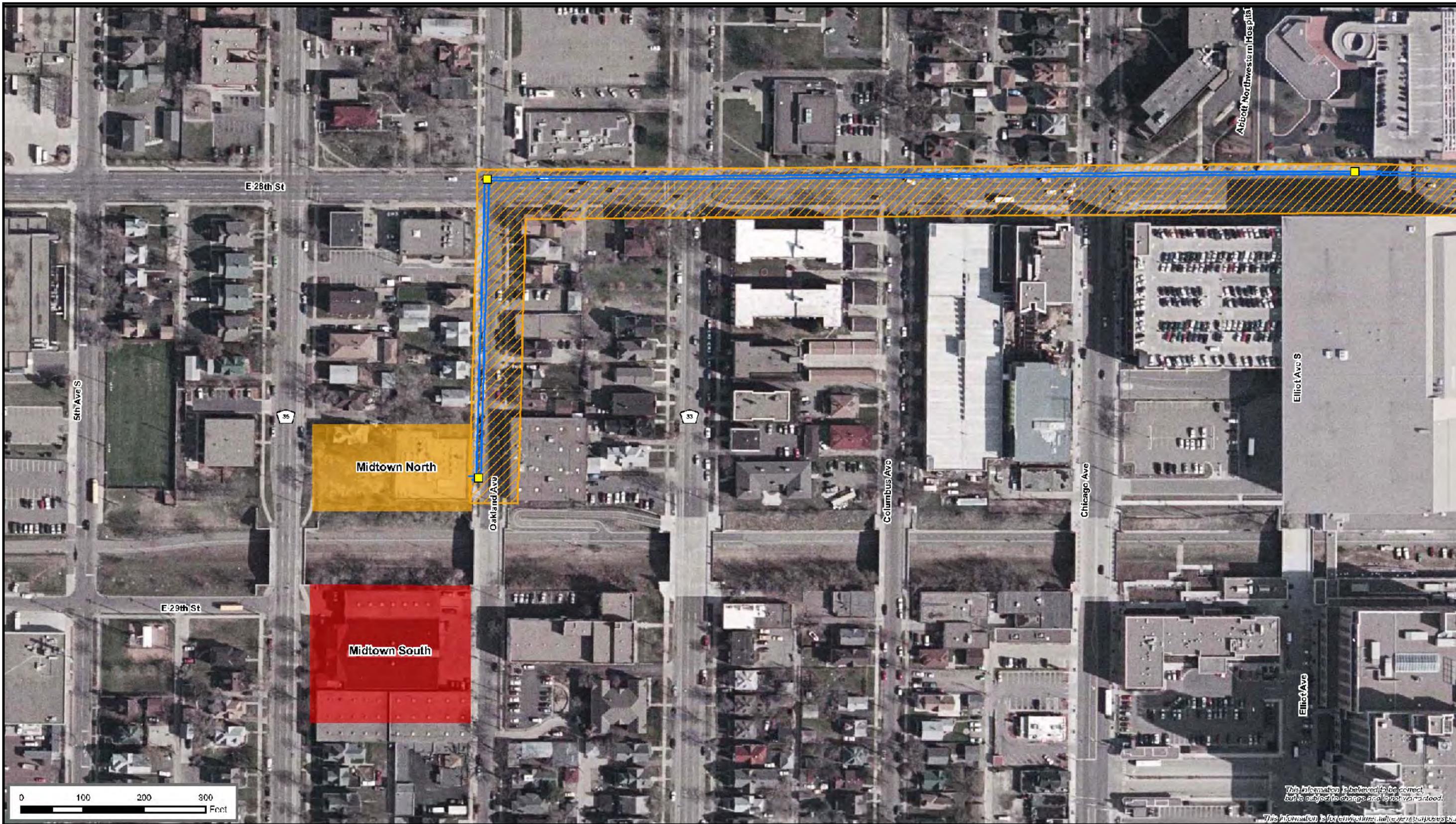
- |   |  |
|---|--|
| <span style="background-color: orange; width: 10px; height: 10px; display: inline-block;"></span> Mt-28N  | <span style="background-color: green; width: 10px; height: 10px; display: inline-block;"></span> Mt-28S              |
| <span style="background-color: yellow; width: 10px; 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: lightcyan; width: 10px; height: 10px; display: inline-block;"></span> Zimmer Davis    |



**Appendix B.5.2  
 Route D Map - 2 of 4**

**Hiawatha Transmission Line  
 Xcel Energy  
 Minneapolis, Minnesota**

June 2010



Abbott Northwestern Hospital

Elliot Ave S

Elliot Ave

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



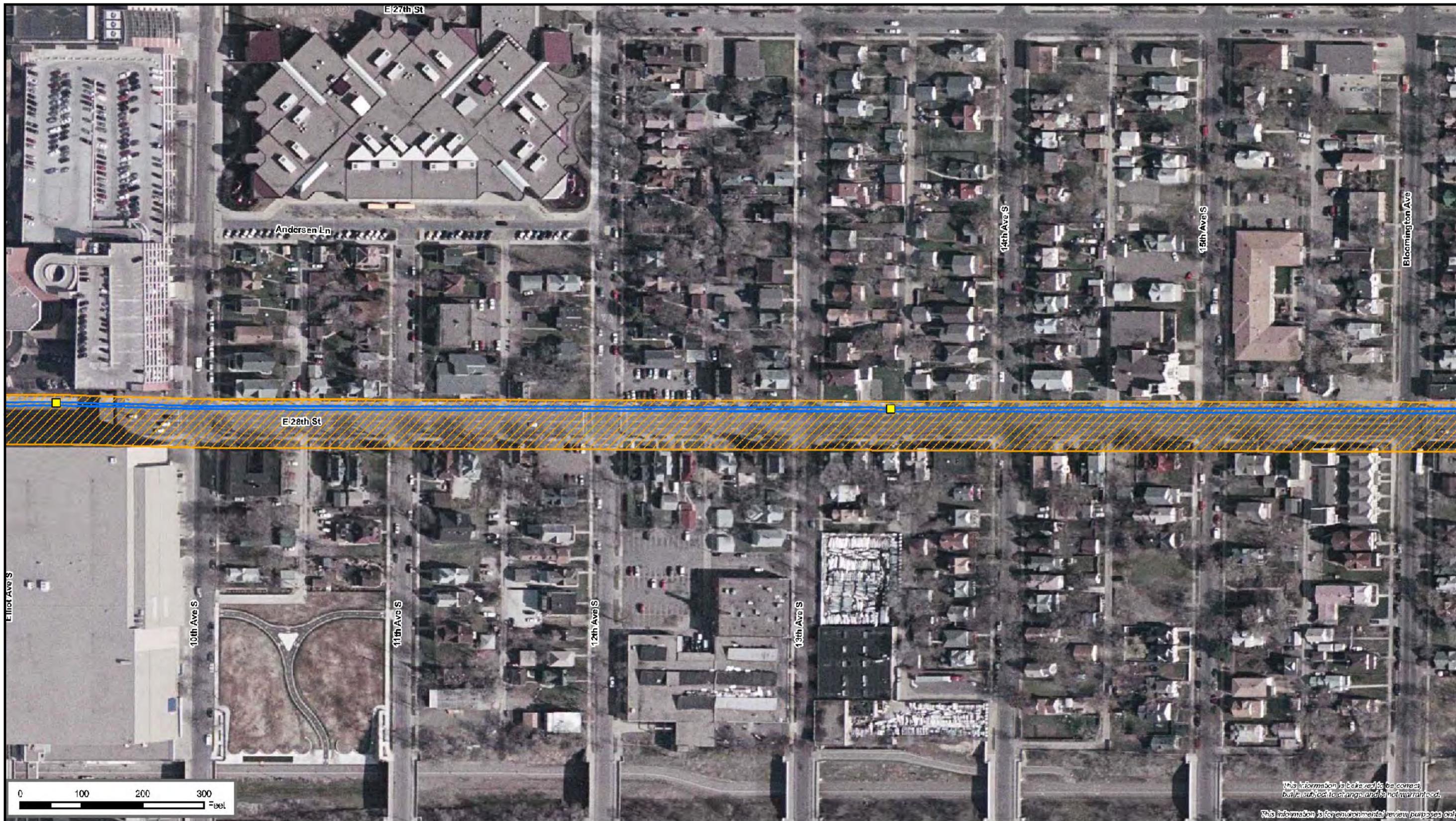
Image Source: Xcel Energy

- Transmission Structure without Distribution Underbuild
  - Transmission Line
  - ▨ Route
- Route Width = 80 feet  
 ROW Width = 30 feet

Substations	
<span style="display: inline-block; width: 15px; height: 10px; background-color: #FFD700; border: 1px solid black;"></span> Mt-28N	<span style="display: inline-block; width: 15px; height: 10px; background-color: #3CB371; border: 1px solid black;"></span> Mt-28S
<span style="display: inline-block; width: 15px; height: 10px; background-color: #FFD700; border: 1px solid black;"></span> G-5	<span style="display: inline-block; width: 15px; height: 10px; background-color: #FF8C00; border: 1px solid black;"></span> Midtown North
<span style="display: inline-block; width: 15px; height: 10px; background-color: #4169E1; border: 1px solid black;"></span> G-4	<span style="display: inline-block; width: 15px; height: 10px; background-color: #FF0000; border: 1px solid black;"></span> Midtown South
<span style="display: inline-block; width: 15px; height: 10px; background-color: #4169E1; border: 1px solid black;"></span> G-3	<span style="display: inline-block; width: 15px; height: 10px; background-color: #800080; border: 1px solid black;"></span> Hiawatha West
<span style="display: inline-block; width: 15px; height: 10px; background-color: #32CD32; border: 1px solid black;"></span> G-2	<span style="display: inline-block; width: 15px; height: 10px; background-color: #A0A0A0; border: 1px solid black;"></span> Hiawatha East
<span style="display: inline-block; width: 15px; height: 10px; background-color: #8B0000; border: 1px solid black;"></span> G-1	<span style="display: inline-block; width: 15px; height: 10px; background-color: #7FFFD4; border: 1px solid black;"></span> Zimmer Davis



**Appendix B.5.4**  
**Route D Map - 4 of 4**  
 Hiawatha Transmission Line  
 Xcel Energy  
 Minneapolis, Minnesota  
 June 2010



*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 = 80 feet  
ROW Width = 30 feet

**Substations**

- |  |   |
|--|---|
| <span style="color: orange;">■</span> Mt-28N | <span style="color: green;">■</span> Mt-28S         |
| <span style="color: yellow;">■</span> G-5    | <span style="color: orange;">■</span> Midtown North |
| <span style="color: blue;">■</span> G-4      | <span style="color: red;">■</span> Midtown South    |
| <span style="color: purple;">■</span> G-3    | <span style="color: purple;">■</span> Hiawatha West |
| <span style="color: green;">■</span> G-2     | <span style="color: olive;">■</span> Hiawatha East  |
| <span style="color: red;">■</span> G-1       | <span style="color: cyan;">■</span> Zimmer Davis    |



**Appendix B.5.3  
Route D Map - 3 of 4**

**Hiawatha Transmission Line  
Xcel Energy  
Minneapolis, Minnesota**

June 2010