

Image Source: Xcel Energy

- Transmission Structure without Distribution Underbuild
 - Transmission Line
 - Route
- Route Width = 80 feet
ROW Width = 50 feet

Substations

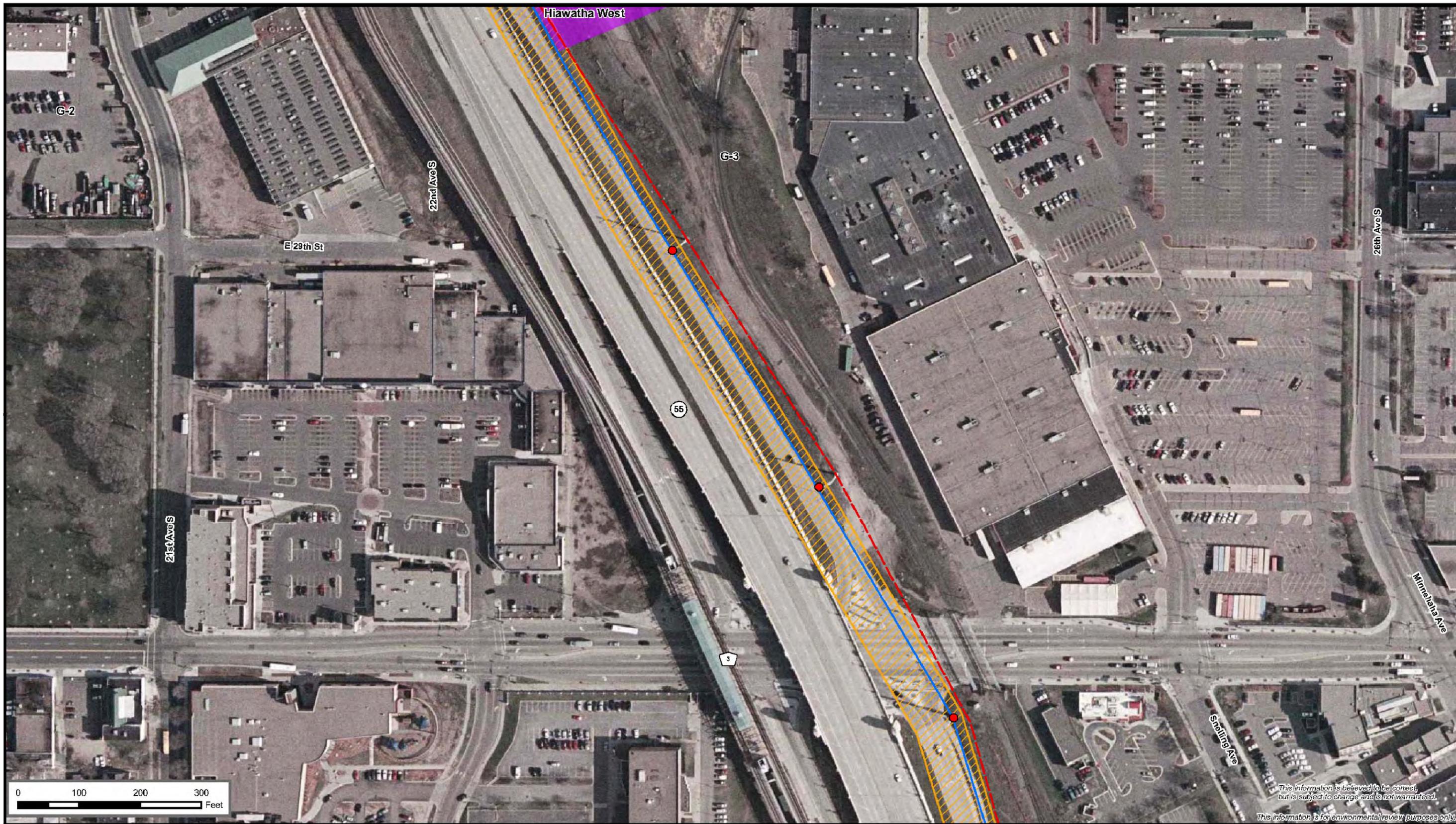
- | | |
|--|---|
| Mt-28N | Mt-28S |
| G-5 | Midtown North |
| G-4 | Midtown South |
| G-3 | Hiawatha West |
| G-2 | Hiawatha East |
| G-1 | Hiawatha Planned Expansion |



Appendix B.5.1
Route C
 Hiawatha Transmission Line
 Xcel Energy
 Minneapolis, Minnesota
 January 2010

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*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 = 50 feet

Substations

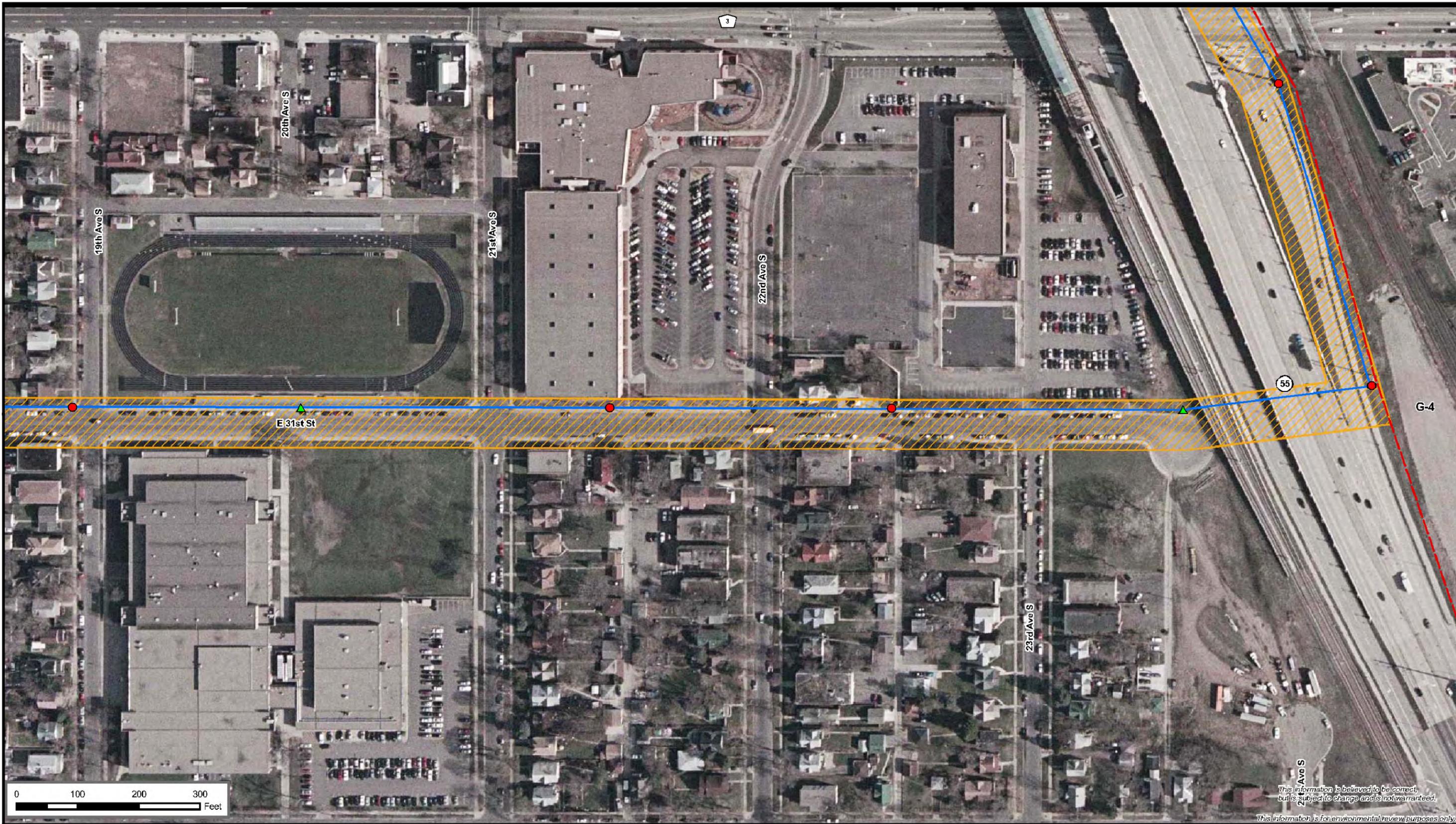
- | | |
|----------|------------------------------|
| ■ Mt-28N | ■ Mt-28S |
| ■ G-5 | ■ Midtown North |
| ■ G-4 | ■ Midtown South |
| ■ G-3 | ■ Hiawatha West |
| ■ G-2 | ■ Hiawatha East |
| ■ G-1 | ■ Hiawatha Planned Expansion |

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Appendix B.5.2
Route C
 Hiawatha Transmission Line
 Xcel Energy
 Minneapolis, Minnesota
 January 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 = 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.5.3
Route C
 Hiawatha Transmission Line
 Xcel Energy
 Minneapolis, Minnesota
 January 2010

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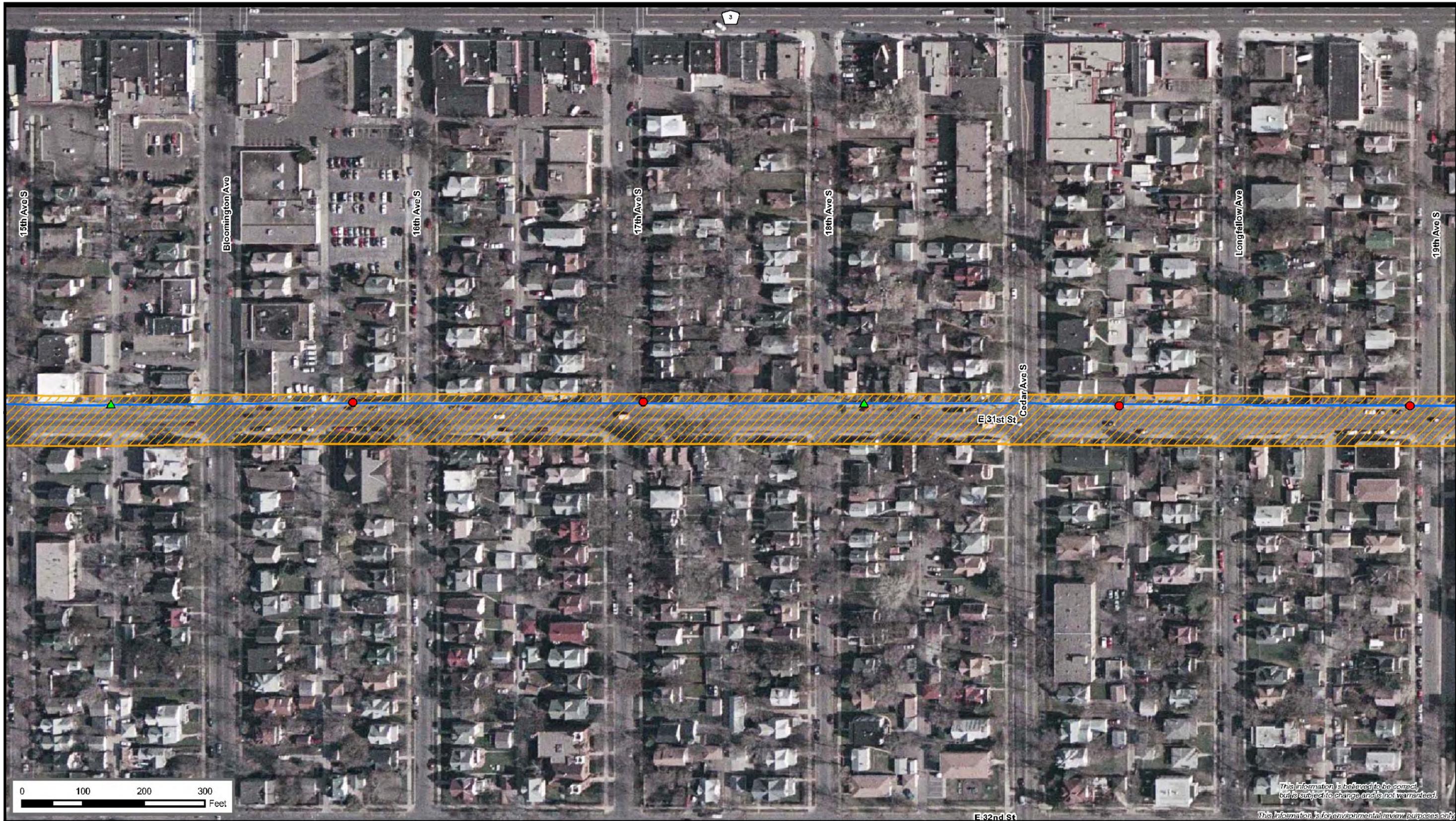


Image Source: Xcel Energy

- Transmission Structure without Distribution Underbuild
- Transmission Line
- Route

Route Width = 80 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 |



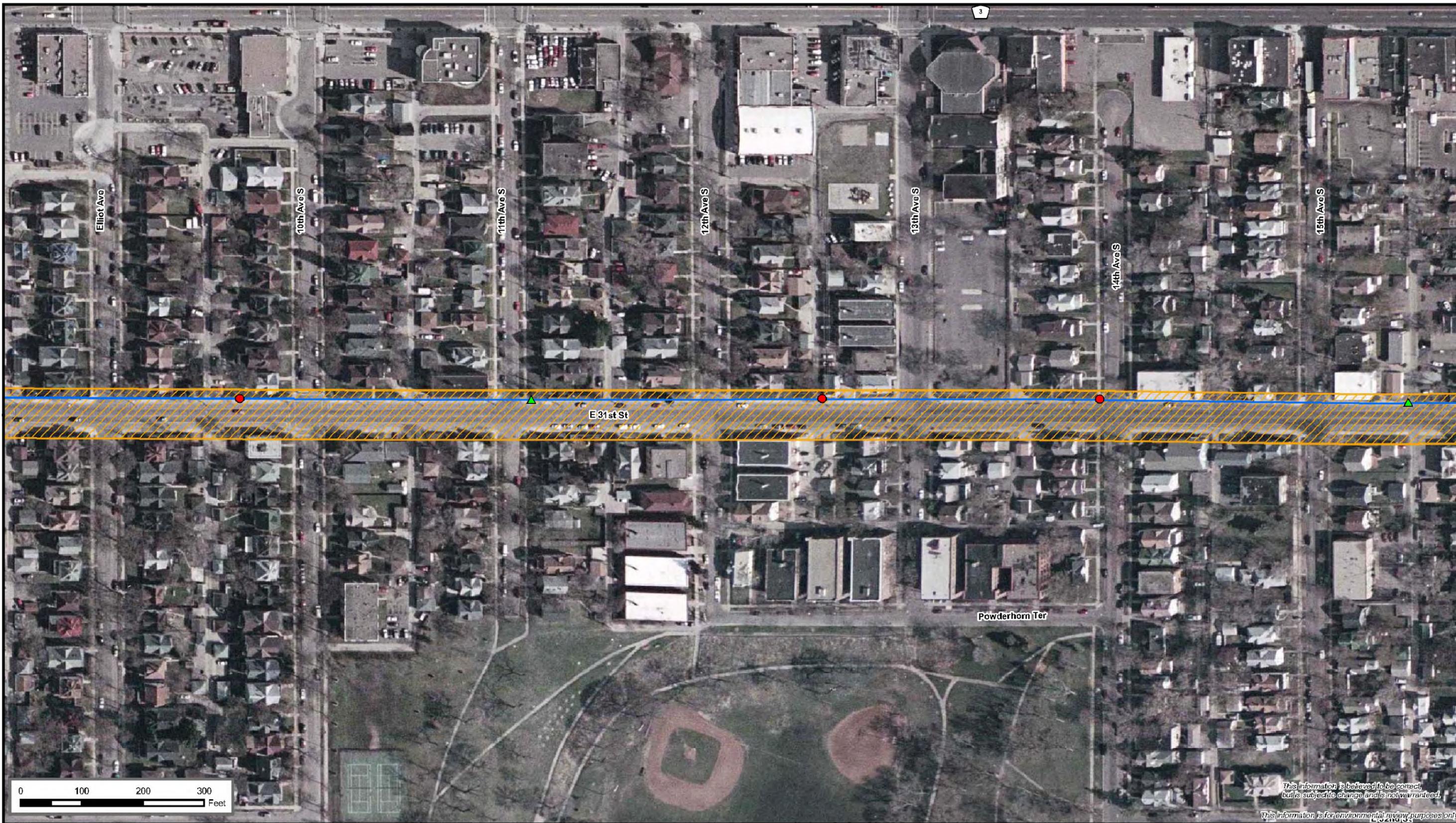
**Appendix B.5.4
Route C**

Hiawatha Transmission Line
Xcel Energy
Minneapolis, Minnesota

January 2010

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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 = 50 feet

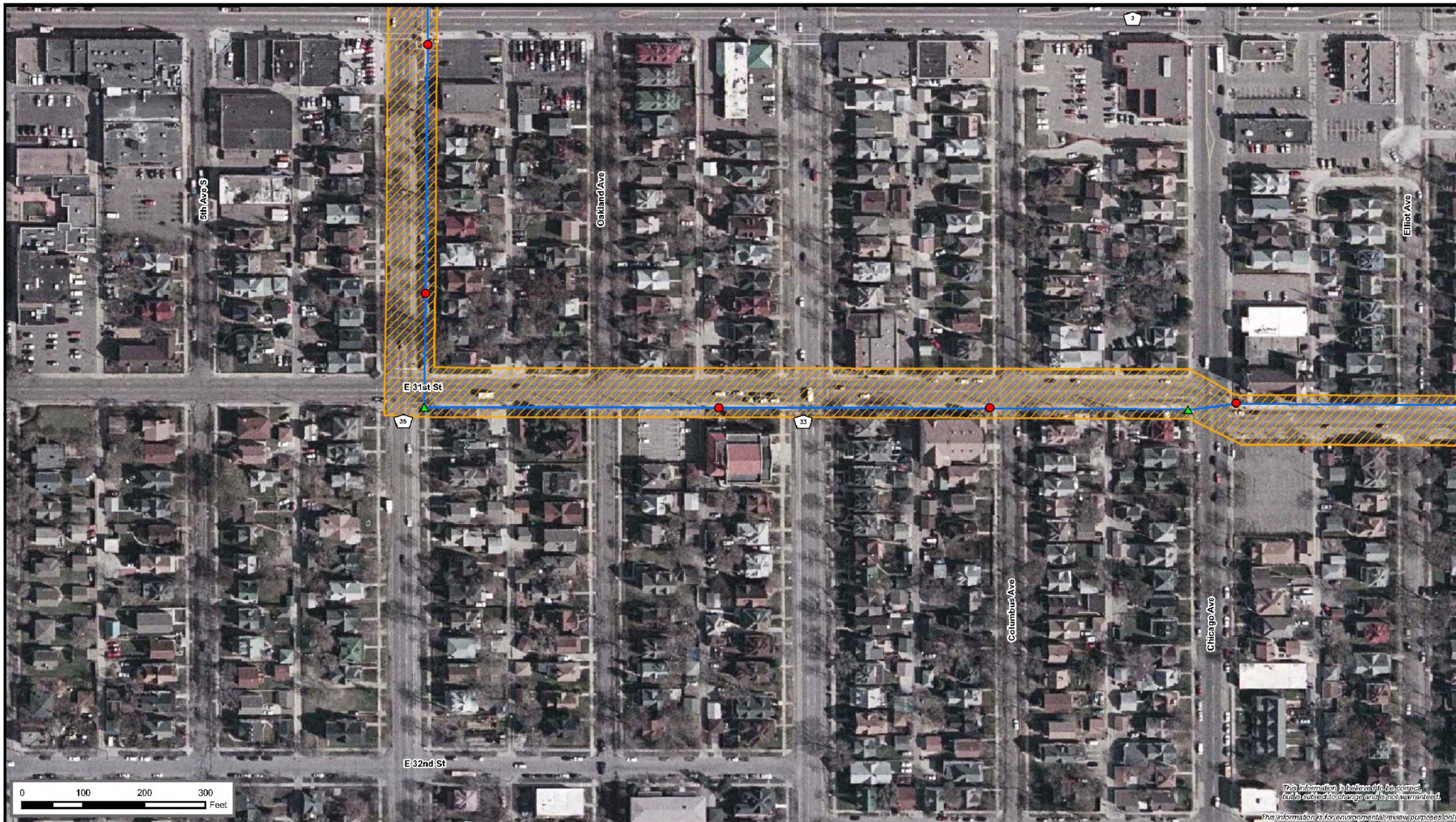
Substations

- | | |
|---|--|
| 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.5.5
Route C
 Hiawatha Transmission Line
 Xcel Energy
 Minneapolis, Minnesota
 January 2010

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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 = 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.5.6
Route C**

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

January 2010

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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 = 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 |

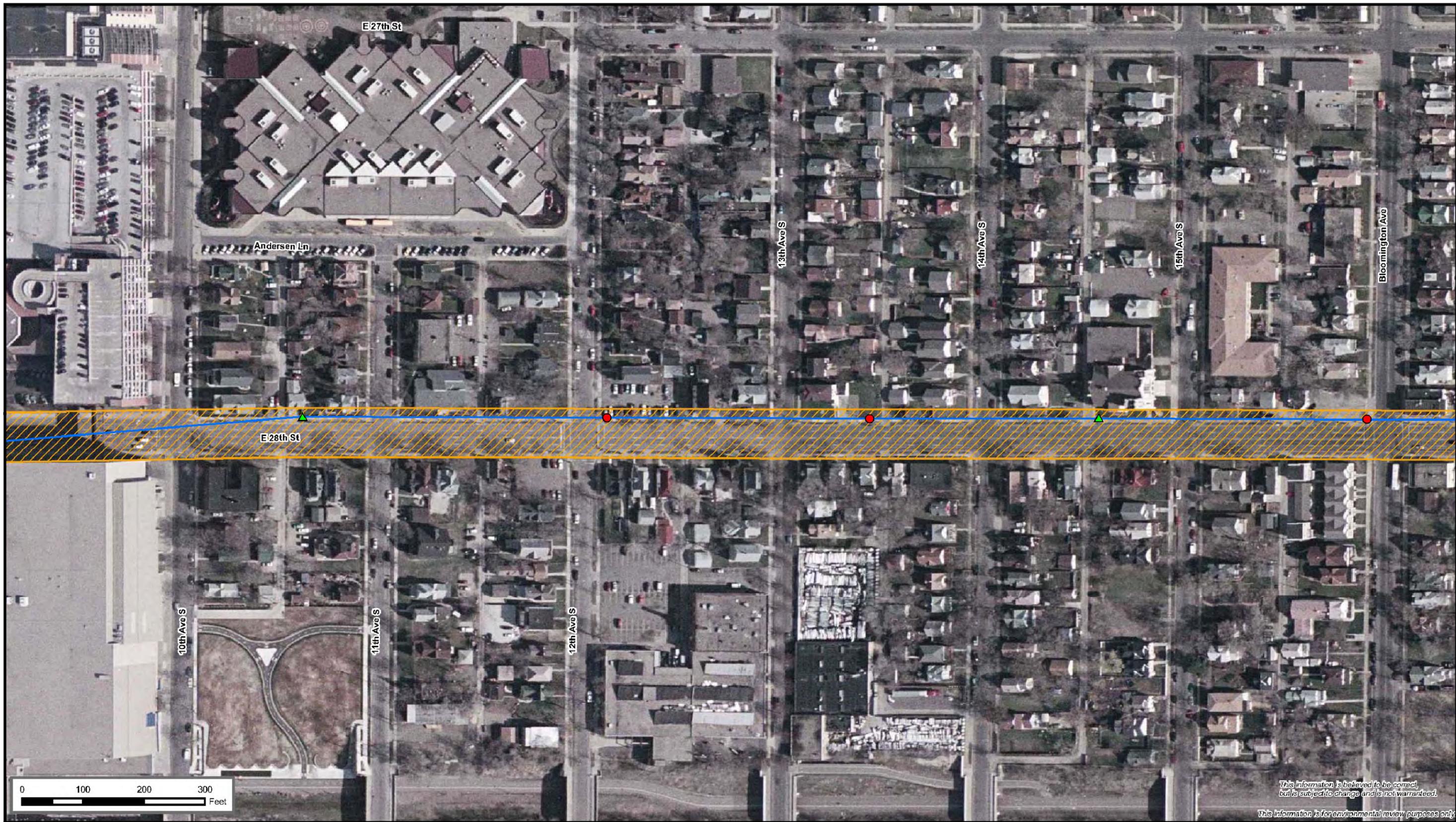


**Appendix B.5.7
Route C**

Hiawatha Transmission Line
 Xcel Energy
 Minneapolis, Minnesota

January 2010

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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 = 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 |

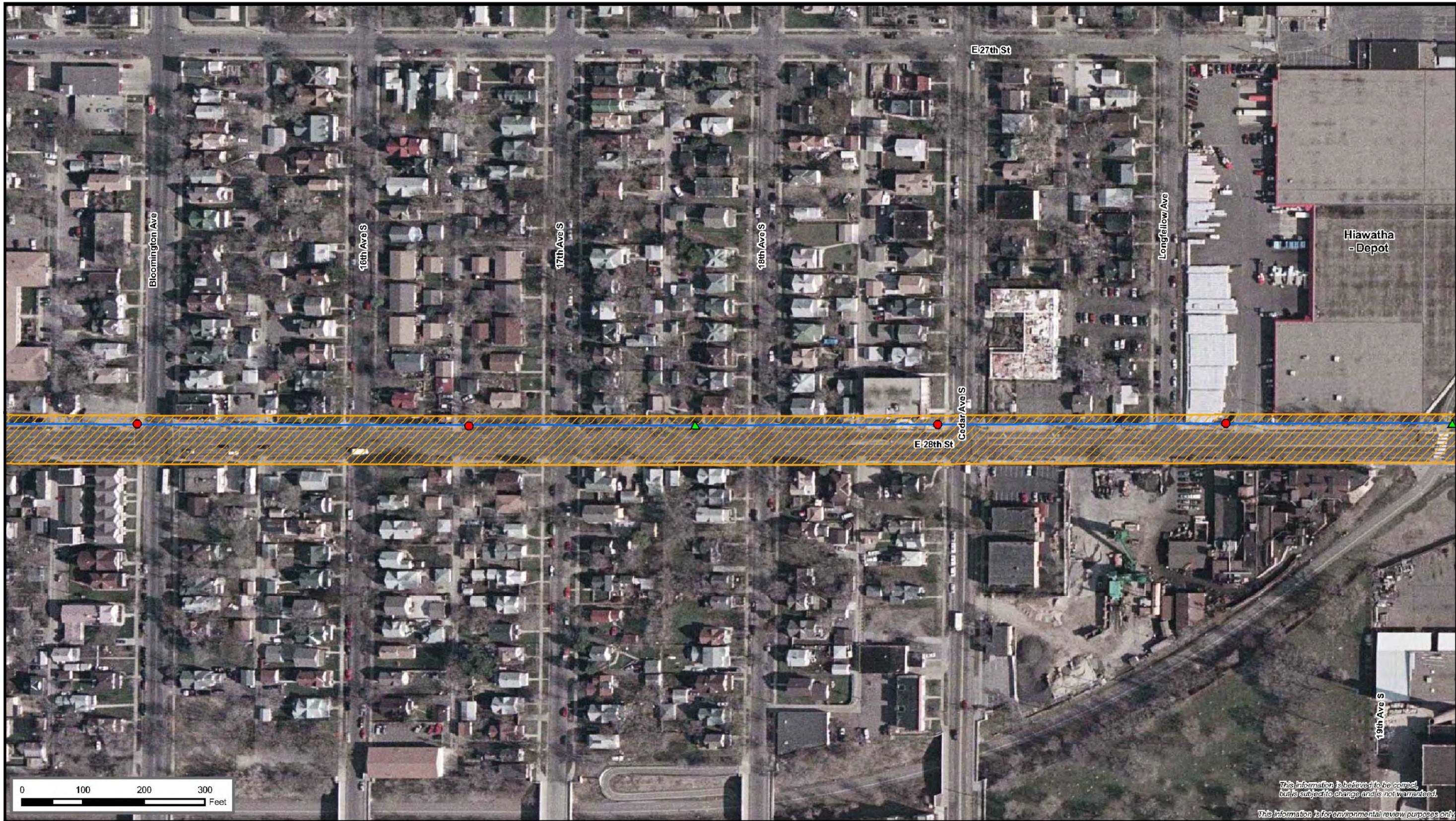
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Appendix B.5.8
Route C

Hiawatha Transmission Line
 Xcel Energy
 Minneapolis, Minnesota

January 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 = 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

N
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Appendix B.5.9
Route C

Hiawatha Transmission Line
 Xcel Energy
 Minneapolis, Minnesota

January 2010