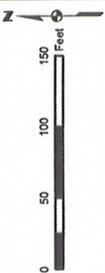


Route A Underground: Bottom of Greenway Option

Map 5 of 6
 Hiawatha Project
 Xcel Energy
 Minneapolis, MN

DATE: 12/31/09 | REVISED: 12/31/09 | DRAWN BY: AKREMER



- Substations**
- Route A Underground
 - Hiawatha West
 - Midtown North
 - Midtown South
 - Hiawatha East
 - Hiawatha Planned Expansion

M:\Clients\W-X\CL\Minneapolis_ArcGIS\200912\RouteA3_XCL_Route_A3_Sheets.mxd

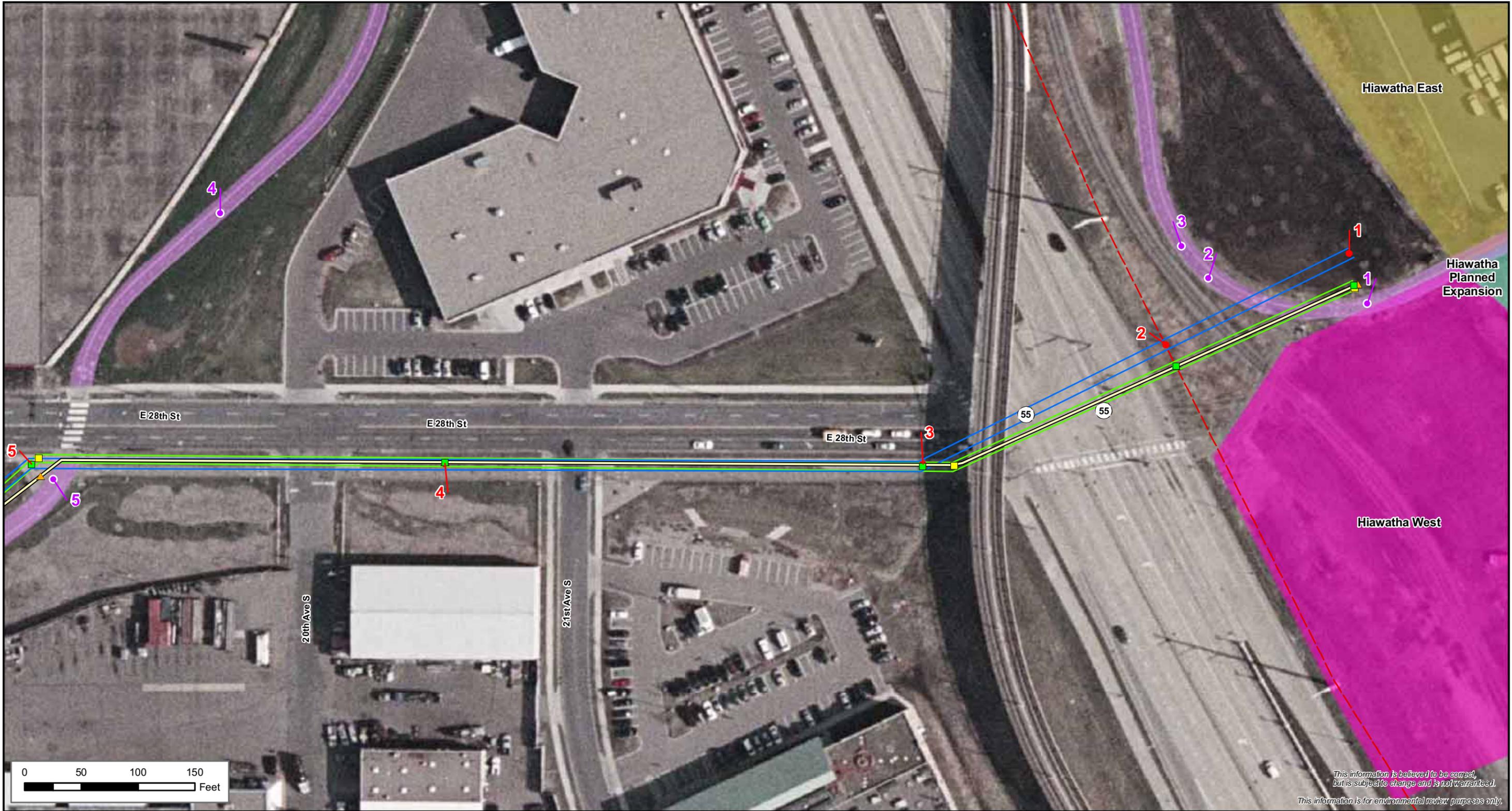
Midtown Greenway Coalition Information Request 30, Attachment 4



Route A Underground: Bottom of Greenway Option
 Map 6 of 6
 Hiawatha Project
 Xcel Energy
 Minneapolis, MN

DATE: 12/31/09 | REVISED: 12/31/09 | DRAWN BY: AKREMER

M:\Clients\XCL\Minneapolis_ArcGIS\200912\RouteA3_XCL_Route_A3_Sheets.mxd



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

Route A1 Overhead	Route A1 to Greenway Measurement Location (Transmission Structure)	Midtown Greenway Bike Path (measured to) Location	Hiawatha East
Route A2 Underground	Route A2 to Greenway Measurement Location	Manhole Access Point	Hiawatha West
Route A3 Underground	Route A3 to Greenway Measurement Location	Substations	Midtown North
Greenway Bike Path		Hiawatha Planned Expansion	Midtown South



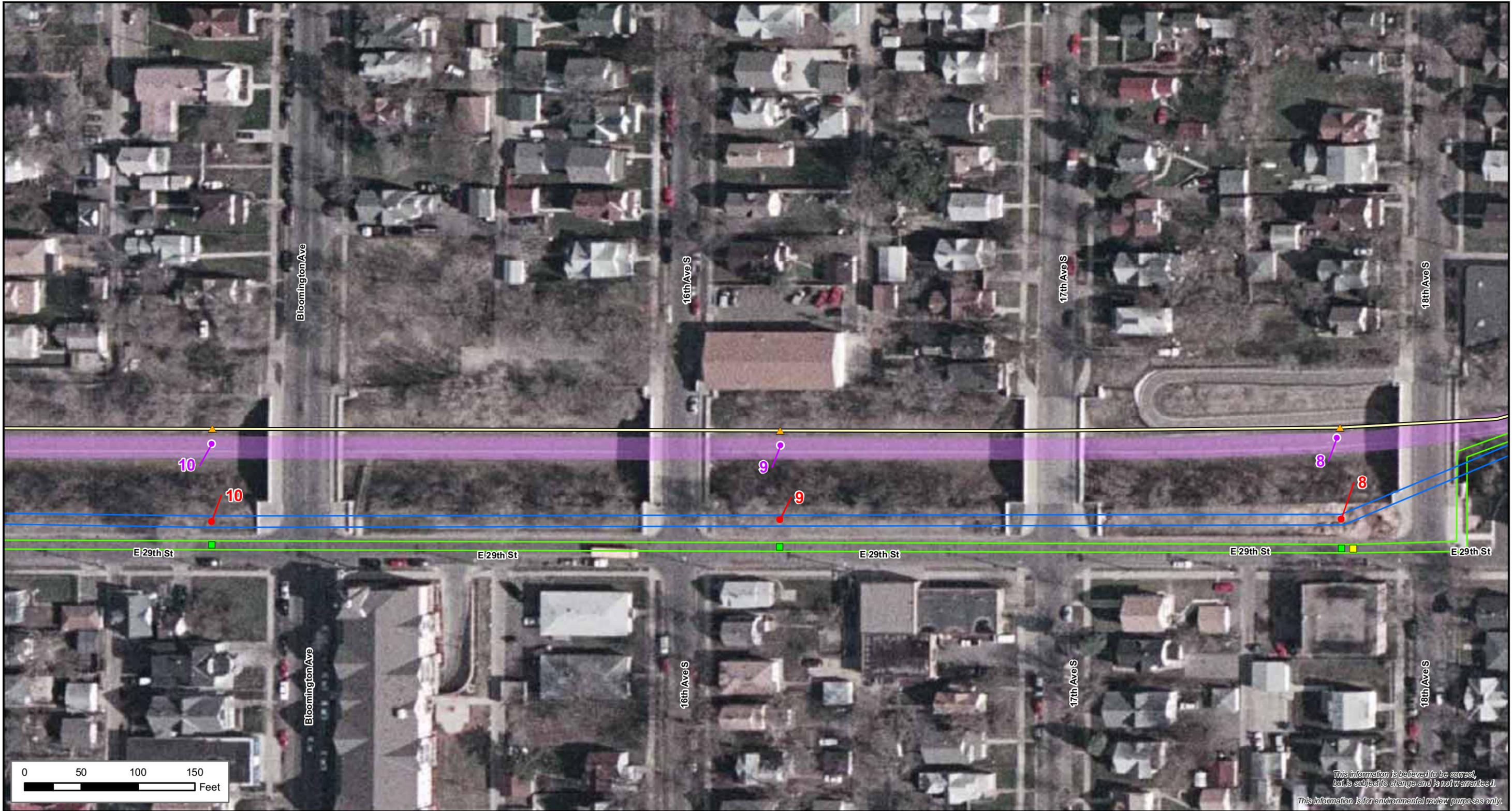
Routes A1, 2, and 3: 29th Street/HCRRA Route – Double Circuit
 Map 1 of 6
 Hiawatha Project
 Xcel Energy
 Minneapolis, MN



E29th St
This information is believed to be correct, but is subject to change and is not warranted.
 This information is for environmental review purposes only.

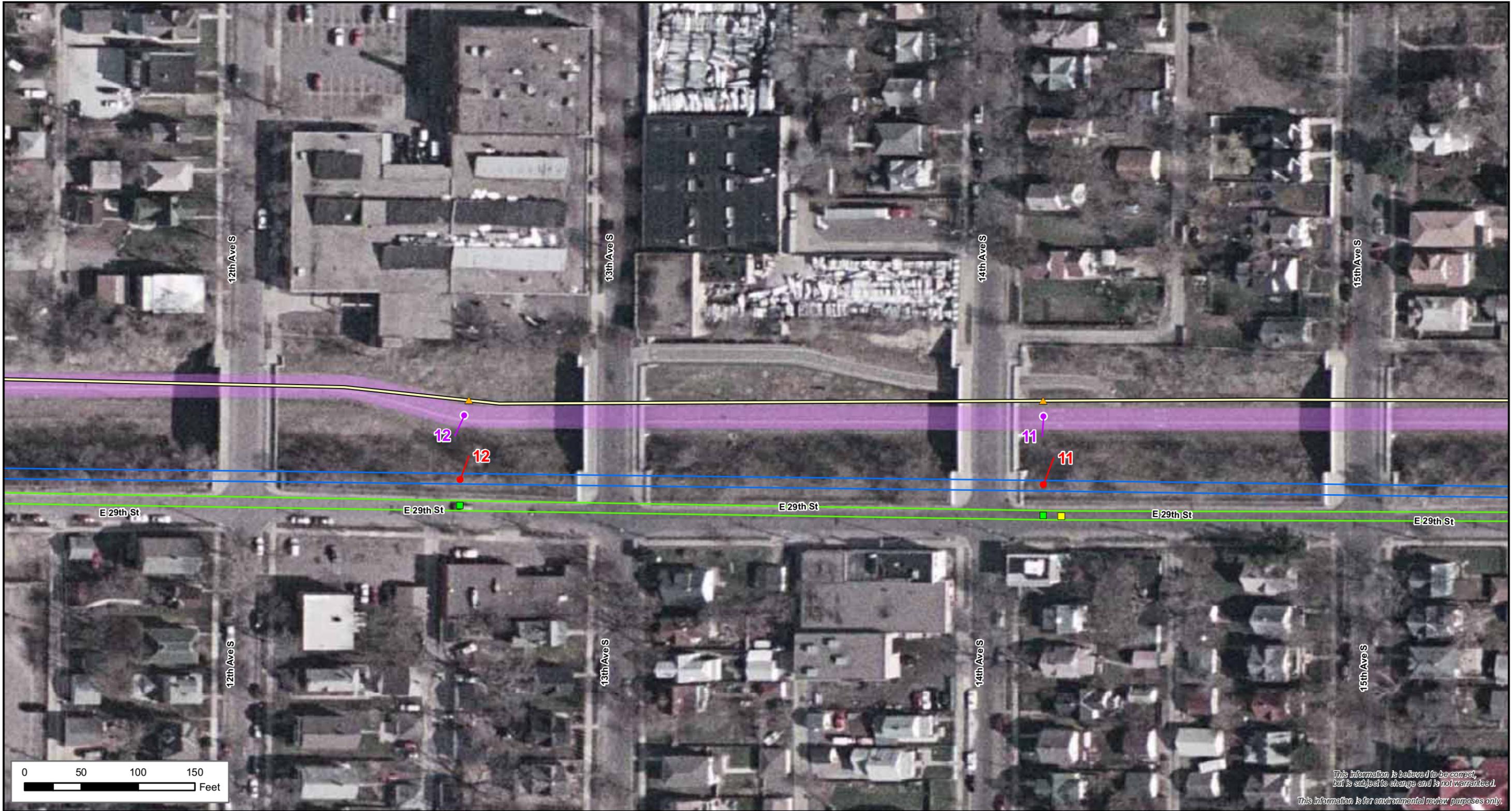
Route A1 Overhead	Route A1 to Greenway Measurement Location (Transmission Structure)	Midtown Greenway Bike Path (measured to) Location	Hiawatha East
Route A2 Underground	Route A2 to Greenway Measurement Location	Manhole Access Point	Hiawatha West
Route A3 Underground	Route A3 to Greenway Measurement Location	Substations	Midtown North
Greenway Bike Path		Hiawatha Planned Expansion	Midtown South

Routes A1, 2, and 3: 29th Street/HCRRA Route – Double Circuit
 Map 2 of 6
 Hiawatha Project
 Xcel Energy
 Minneapolis, MN



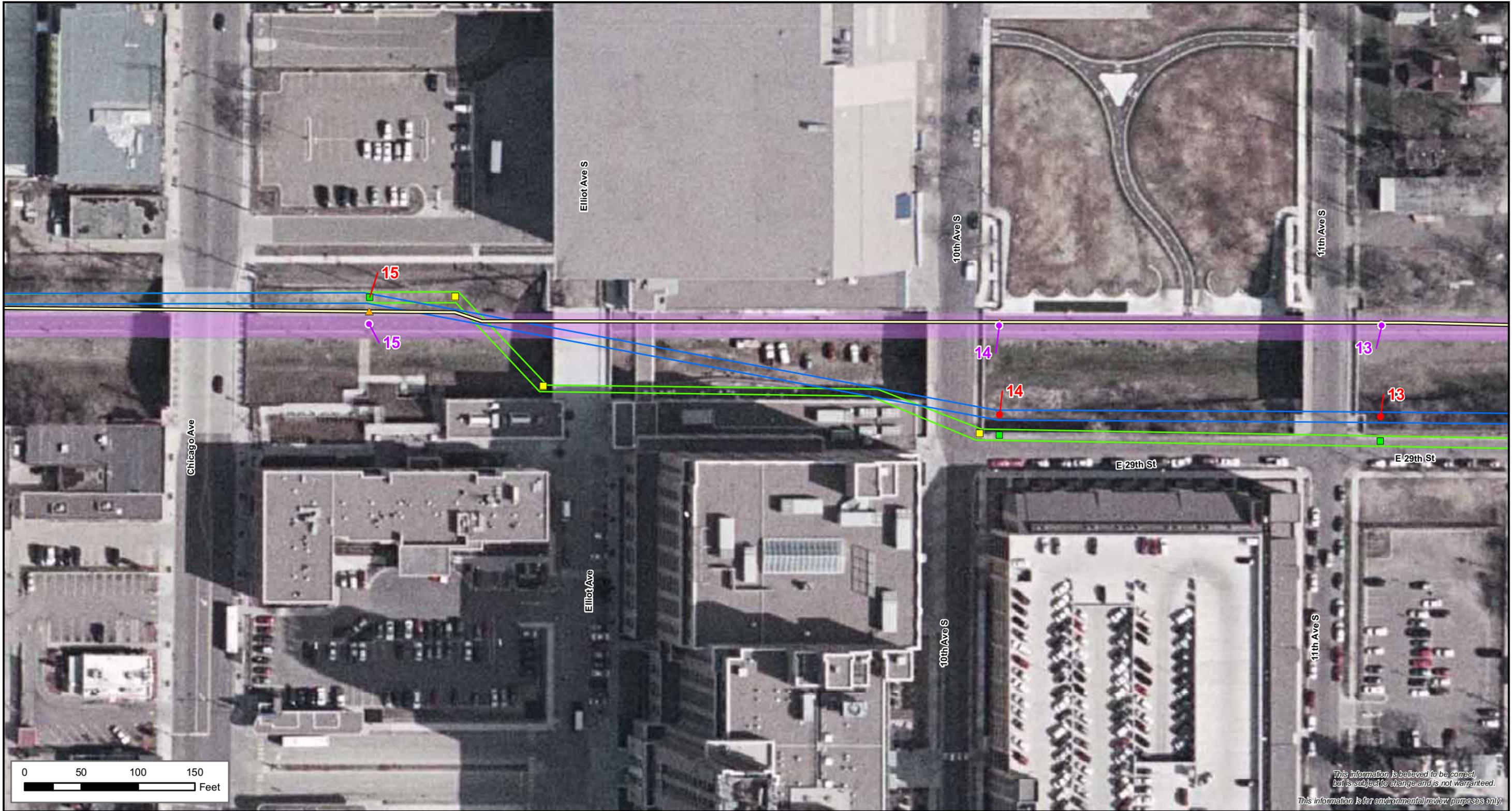
Route A1 Overhead	Route A1 to Greenway Measurement Location (Transmission Structure)	Midtown Greenway Bike Path (measured to) Location	Hiawatha East
Route A2 Underground	Route A2 to Greenway Measurement Location	Manhole Access Point	Hiawatha West
Route A3 Underground	Route A3 to Greenway Measurement Location	Substations	Midtown North
Greenway Bike Path		Hiawatha Planned Expansion	Midtown South

Routes A1, 2, and 3: 29th Street/HCRRA Route – Double Circuit
 Map 3 of 6
 Hiawatha Project
 Xcel Energy
 Minneapolis, MN



Route A1 Overhead	Route A1 to Greenway Measurement Location (Transmission Structure)	Midtown Greenway Bike Path (measured to) Location	Hiawatha East
Route A2 Underground	Route A2 to Greenway Measurement Location	Manhole Access Point	Hiawatha West
Route A3 Underground	Route A3 to Greenway Measurement Location	Substations	Midtown North
Greenway Bike Path		Hiawatha Planned Expansion	Midtown South

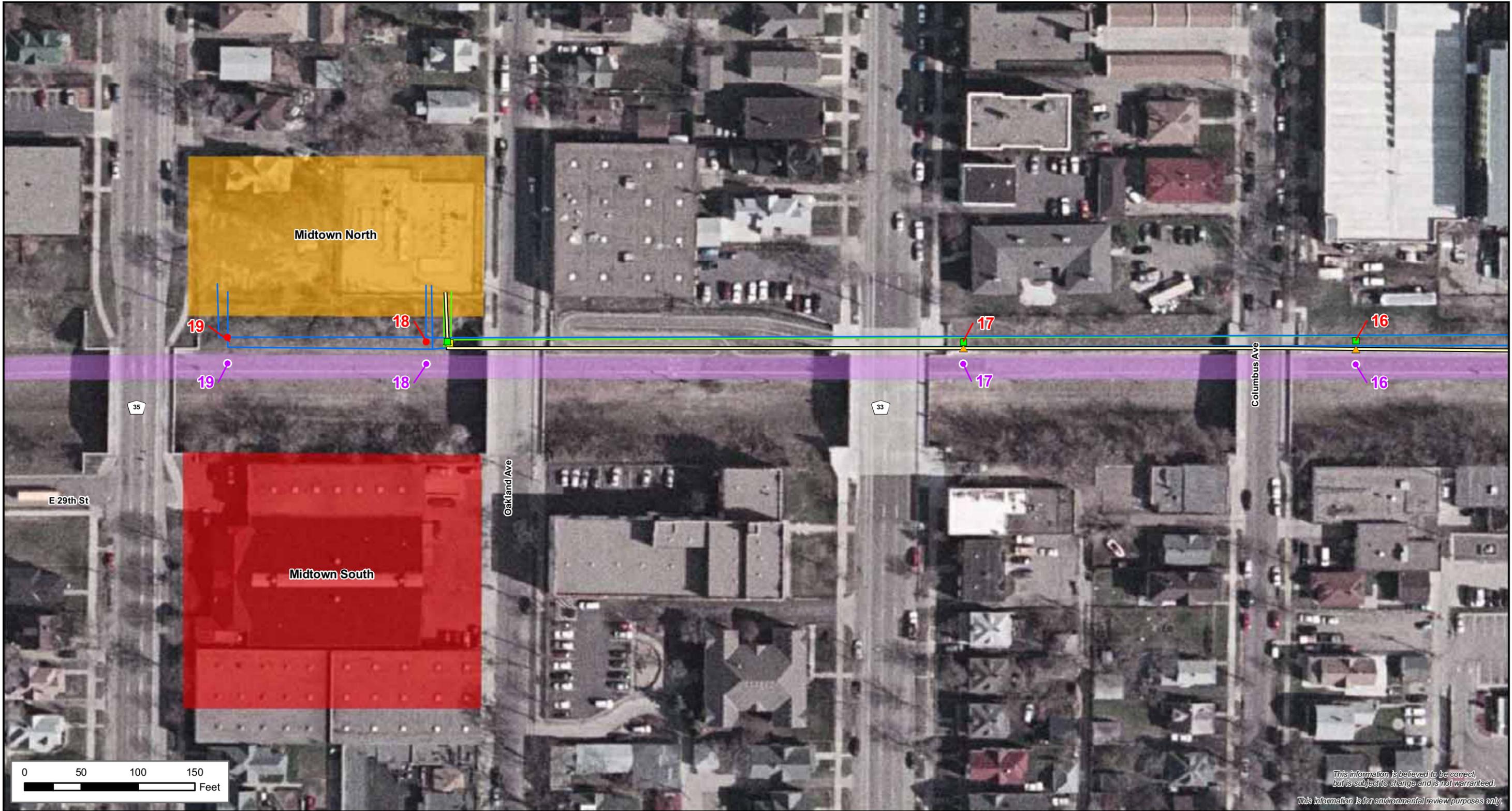
Routes A1, 2, and 3: 29th Street/HCRRA Route – Double Circuit
 Map 4 of 6
 Hiawatha Project
 Xcel Energy
 Minneapolis, MN



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

- Route A1 Overhead
- Route A2 Underground
- Route A3 Underground
- Greenway Bike Path
- Route A1 to Greenway Measurement Location (Transmission Structure)
- Route A2 to Greenway Measurement Location
- ▲ Route A3 to Greenway Measurement Location
- Midtown Greenway Bike Path (measured to) Location
- Manhole Access Point
- Substations**
- Hiawatha Planned Expansion
- Hiawatha East
- Hiawatha West
- Midtown North
- Midtown South

Routes A1, 2, and 3: 29th Street/HCRRA Route – Double Circuit
 Map 5 of 6
 Hiawatha Project
 Xcel Energy
 Minneapolis, MN



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

Route A1 Overhead	Route A1 to Greenway Measurement Location (Transmission Structure)	Midtown Greenway Bike Path (measured to) Location	Hiawatha East
Route A2 Underground	Route A2 to Greenway Measurement Location	Manhole Access Point	Hiawatha West
Route A3 Underground	Route A3 to Greenway Measurement Location	Substations	Midtown North
Greenway Bike Path		Hiawatha Planned Expansion	Midtown South

Routes A1, 2, and 3: 29th Street/HCRRA Route – Double Circuit
 Map 6 of 6
 Hiawatha Project
 Xcel Energy
 Minneapolis, MN

Points of measurement for these distances are shown on MGC IR18a Attachment 5

Location	Route A1	Route A2	Route A3	All Distances are in feet
1	39	11	11	
2	64	75	75	
3	291	292	291	
4	290	290	289	
5	18	17	5	
6	1	3	3	
7	8	10	8	
8	59	85	4	
9	53	77	6	
10	56	77	6	
11	48	75	5	
12	46	69	3	
13	67	89	Under Greenway	
14	67	85	Under Greenway	
15	13	13	1	
16	12	11	4	
17	13	12	7	
18	11	12	12	
19	14	NA	NA	