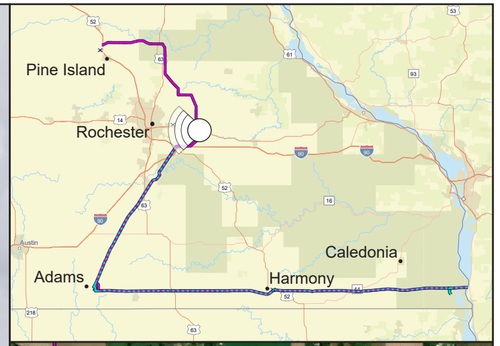
Appendix M

Visual Simulations







Location: 43.9993033, -92.2792815
Looking west on Highway 14 SE between Chester and Eyota.
Elevation: 1265 ft
Photography: 12:08 PM, 7/22/2026
Canon EOS R5, RF24-105mm
Focal Length: 50mm

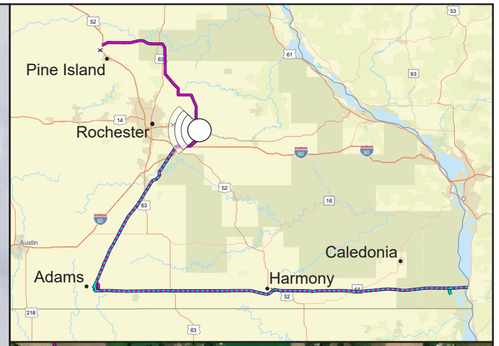
Conditions: Mostly cloudy
Solar Elevation: 65.08
Solar Azimuth: 173.58

Structure: NA

Gopher to Badger Link
Visual Simulation - Existing Conditions
at 1/4 mile
Segment 1 (between North Rochester Substation and near Marion, MN)

Gopher to Badger Link







Location: 43.9993033, -92.2792815
Looking west on Highway 14 SE between Chester and Eyota.
Elevation: 1265 ft
Photography: 12:08 PM, 7/22/2026
Canon EOS R5, RF24-105mm
Focal Length: 50mm

Conditions: Mostly cloudy
Solar Elevation: 65.08
Solar Azimuth: 173.58

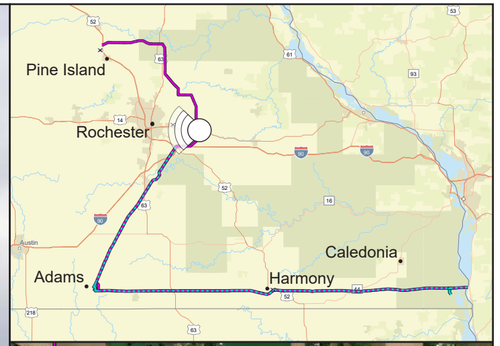
Structure: 175’ Lattice, 1,300’ structure spacing

Gopher to Badger Link
Visual Simulation - Lattice at 1/4 mile

Segment 1 (between North Rochester Substation and near Marion, MN)

Gopher to Badger Link







Location: 43.9993033, -92.2792815
Looking west on Highway 14 SE between Chester and Eyota.
Elevation: 1265 ft
Photography: 12:01 PM, 7/22/2026
Canon EOS R5, RF24-105mm
Focal Length: 50mm

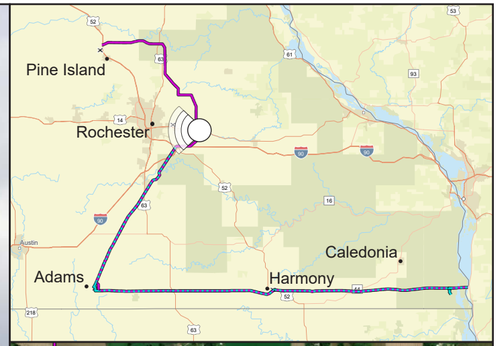
Conditions: Mostly cloudy
Solar Elevation: 64.87
Solar Azimuth: 169.17

Structure: NA

Gopher to Badger Link
Visual Simulation - Existing Conditions
at 1/2 mile
Segment 1 (between North Rochester Substation and near Marion, MN)

Gopher to Badger Link







Location: 43.9993033, -92.2792815
Looking west on Highway 14 SE between Chester and Eyota.
Elevation: 1265 ft
Photography: 12:01 PM, 7/22/2026
Canon EOS R5, RF24-105mm
Focal Length: 50mm

Conditions: Mostly cloudy
Solar Elevation: 64.87
Solar Azimuth: 169.17

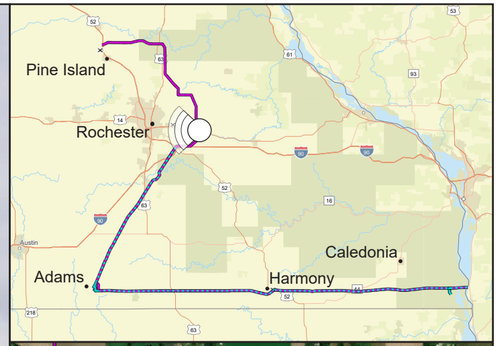
Structure: 175’ Lattice, 1,300’ structure spacing

Gopher to Badger Link
Visual Simulation - Lattice at 1/2 mile

Segment 1 (between North Rochester Substation and near Marion, MN)

Gopher to Badger Link







Location: 43.9993424, -92.2691049
Looking west on Highway 14 SE between Chester and Eyota.
Elevation: 1270 ft
Photography: 12:26 PM, 7/22/2026
Canon EOS R5, RF24-105mm
Focal Length: 50mm

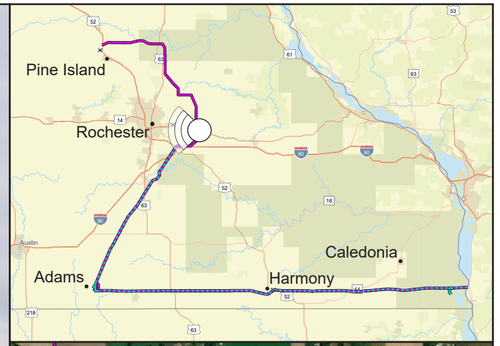
Conditions: Mostly cloudy
Solar Elevation: 65.17
Solar Azimuth: 183.07

Structure: NA

Gopher to Badger Link
Visual Simulation - Existing Conditions
at 1 mile
Segment 1 (between North Rochester Substation and near Marion, MN)

Gopher to Badger Link







Location: 43.9993424, -92.2691049
Looking west on Highway 14 SE between Chester and Eyota.
Elevation: 1270 ft
Photography: 12:26 PM, 7/22/2026
Canon EOS R5, RF24-105mm
Focal Length: 50mm

Conditions: Mostly cloudy
Solar Elevation: 65.17
Solar Azimuth: 183.07

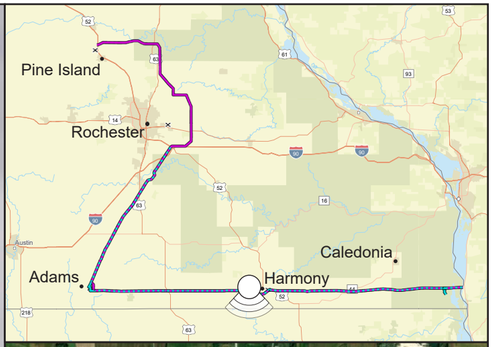
Structure: 175’ Lattice, 1,300’ structure spacing

Gopher to Badger Link
Visual Simulation - Lattice at 1 mile

Segment 1 (between North Rochester Substation and near Marion, MN)

Gopher to Badger Link







Location: 43.9993424, -92.2691049
Looking south on 295th Ave west of Harmony, MN.
Elevation: 1350 ft
Photography: 12:23 PM, 5/06/2026
Canon EOS R5, RF24-105mm
Focal Length: 50mm

Conditions: Cloudy
Solar Elevation: 61.59
Solar Azimuth: 186.75

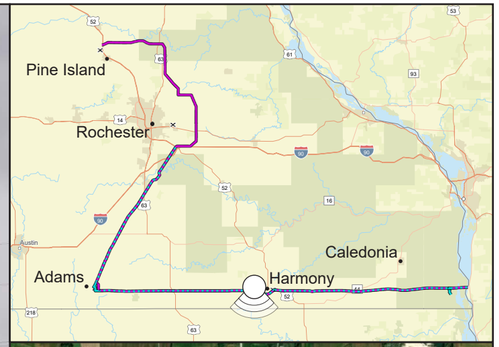
Structure: NA

Gopher to Badger Link
Visual Simulation - Existing Conditions
at 1/4 mile

Segment 2 (Agricultural)

Gopher to Badger Link







Location: 43.551254, -92.059777
Looking south on 295th Ave west of Harmony, MN.
Elevation: 1350 ft
Photography: 12:23 PM, 5/06/2026
Canon EOS R5, RF24-105mm
Focal Length: 50mm

Conditions: Cloudy
Solar Elevation: 61.59
Solar Azimuth: 186.75

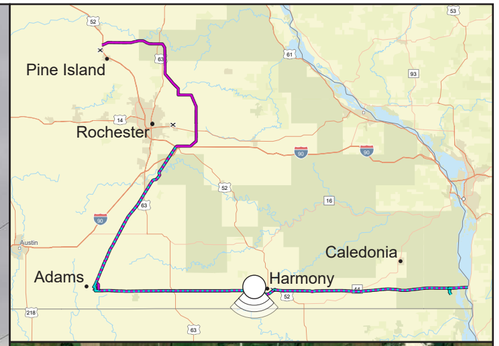
Structure: 175’-195’ Lattice, 1,200’-1,400’ structure spacing

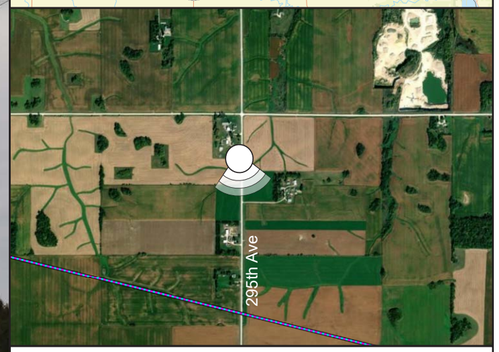
Gopher to Badger Link
Visual Simulation - Lattice at 1/4 mile

Segment 2 (Agricultural)

Gopher to Badger Link







Location: 43.556232, -92.059768
Looking south on 295th Ave west of Harmony, MN.
Elevation: 1350 ft
Photography: 12:20 PM, 5/06/2026
Canon EOS R5, RF24-105mm
Focal Length: 50mm

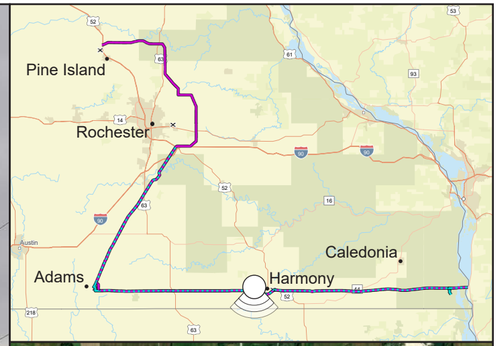
Conditions: Cloudy
Solar Elevation: 61.65
Solar Azimuth: 185.24

Structure: NA

Gopher to Badger Link
Visual Simulation - Existing Conditions
at 1/2 mile

Segment 2 (Agricultural)

Gopher to Badger Link





Location: 43.556232, -92.059768
Looking south on 295th Ave west of Harmony, MN.
Elevation: 1350 ft
Photography: 12:20 PM, 5/06/2026
Canon EOS R5, RF24-105mm
Focal Length: 50mm

Conditions: Cloudy
Solar Elevation: 61.65
Solar Azimuth: 185.24

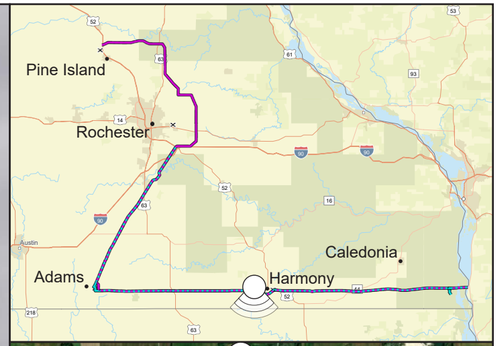
Structure: 175’-195’ Lattice, 1,200’-1,400’ structure spacing

Gopher to Badger Link
Visual Simulation - Lattice at 1/2 mile

Segment 2 (Agricultural)

Gopher to Badger Link







Location: 43.562085, -92.059810
Looking south on 295th Ave west of Harmony, MN.
Elevation: 1300 ft
Photography: 12:28 PM, 5/06/2026
Canon EOS R5, RF24-105mm
Focal Length: 50mm

Conditions: Cloudy
Solar Elevation: 61.47
Solar Azimuth: 189.24

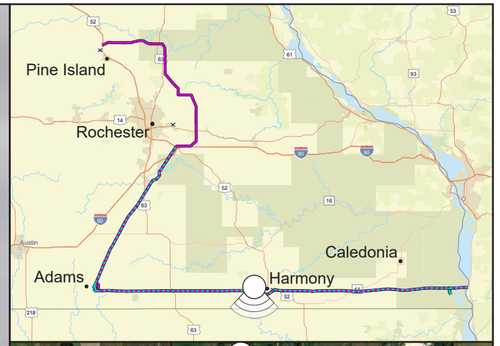
Structure: NA

Gopher to Badger Link
Visual Simulation - Existing Conditions
at 1 mile

Segment 2 (Agricultural)

Gopher to Badger Link







Location: 43.562085, -92.059810
Looking south on 295th Ave west of Harmony, MN.
Elevation: 1300 ft
Photography: 12:28 PM, 5/06/2026
Canon EOS R5, RF24-105mm
Focal Length: 50mm

Conditions: Cloudy
Solar Elevation: 61.47
Solar Azimuth: 189.24

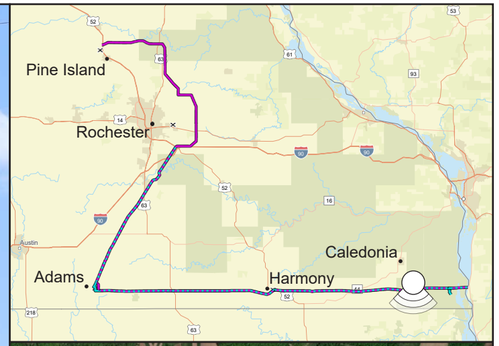
Structure: 175’-195’ Lattice, 1,200’-1,400’ structure spacing

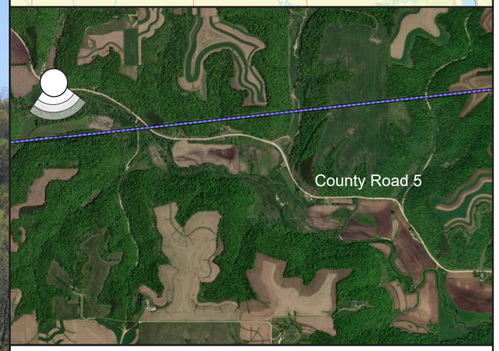
Gopher to Badger Link
Visual Simulation - Lattice at 1 mile

Segment 2 (Agricultural)

Gopher to Badger Link







Location: 43.557252, -91.459703
Looking south on County Road 5 south of Caledonia, MN.
Elevation: 820 ft
Photography: 12:41 PM, 5/07/2026
Canon EOS R5, RF24-105mm
Focal Length: 50mm

Conditions: Partly Cloudy
Solar Elevation: 61.24
Solar Azimuth: 195.78

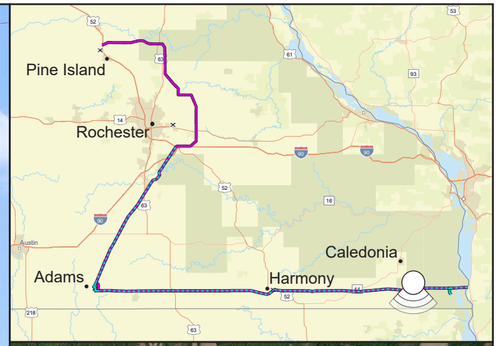
Structure: NA

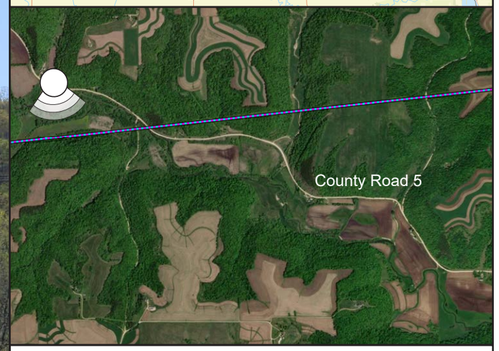
Gopher to Badger Link
Visual Simulation - Existing Conditions at 1/4 mile

Segment 2 (Driftless)

Gopher to Badger Link







Location: 43.557252, -91.459703
Looking south on County Road 5 south of Caledonia, MN.
Elevation: 820 ft
Photography: 12:41 PM, 5/07/2026
Canon EOS R5, RF24-105mm
Focal Length: 50mm

Conditions: Partly Cloudy
Solar Elevation: 61.24
Solar Azimuth: 195.78

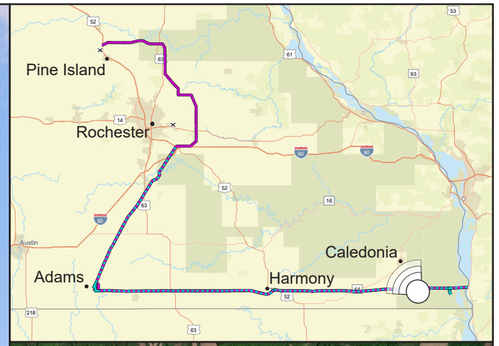
Structure: 175’ Lattice, 750’-1,900’ structure spacing

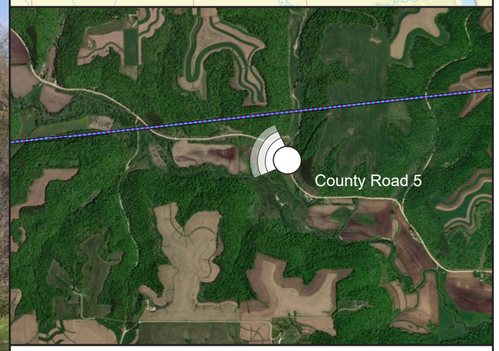
Gopher to Badger Link
Visual Simulation - Lattice at 1/4 mile

Segment 2 (Driftless)

Gopher to Badger Link







Location: 43.551799, -91.437143
Looking west on County Road 5 south of Caledonia, MN.
Elevation: 760 ft
Photography: 12:59 PM, 5/07/2026
Canon EOS R5, RF24-105mm
Focal Length: 50mm

Conditions: Partly Cloudy
Solar Elevation: 60.16
Solar Azimuth: 204.29

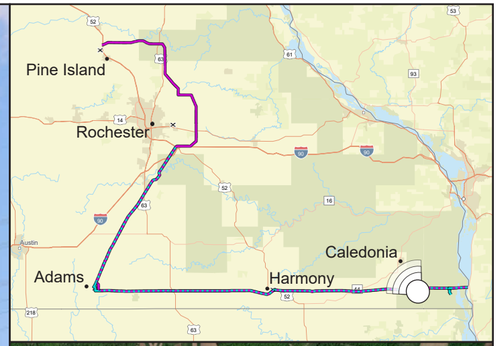
Structure: NA

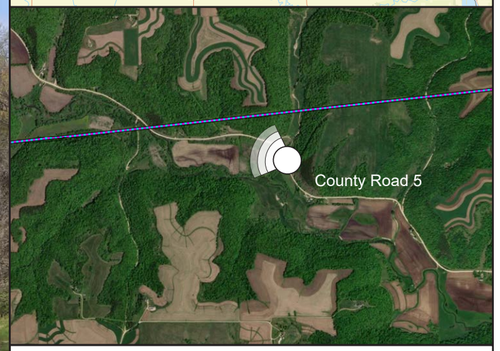
Gopher to Badger Link
Visual Simulation - Existing Conditions at 1/2 mile

Segment 2 (Driftless)

Gopher to Badger Link







Location: 43.551799, -91.437143
Looking west on County Road 5 south of Caledonia, MN.
Elevation: 760 ft
Photography: 12:59 PM, 5/07/2026
Canon EOS R5, RF24-105mm
Focal Length: 50mm

Conditions: Partly Cloudy
Solar Elevation: 60.16
Solar Azimuth: 204.29

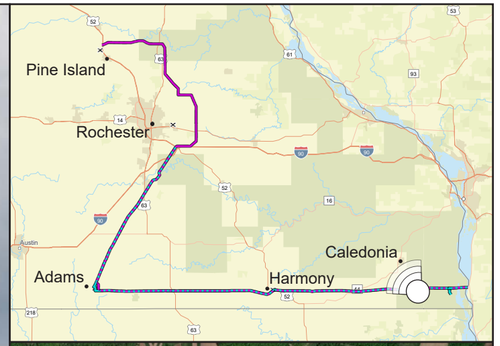
Structure: 175’ Lattice, 750’-1,900’ structure spacing

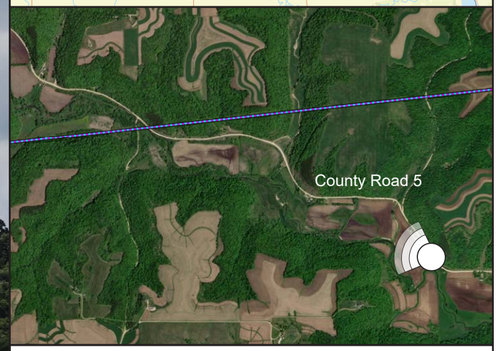
Gopher to Badger Link
Visual Simulation - Lattice at 1/2 mile

Segment 2 (Driftless)

Gopher to Badger Link







Location: 43.544557, -91.422297
Looking northwest on County Road 5 south of Caledonia, MN.
Elevation: 745 ft
Photography: 2:55 PM, 7/22/2026
Canon EOS R5, RF24-105mm
Focal Length: 50mm

Conditions: Partly Cloudy
Solar Elevation: 49.51
Solar Azimuth: 245.13

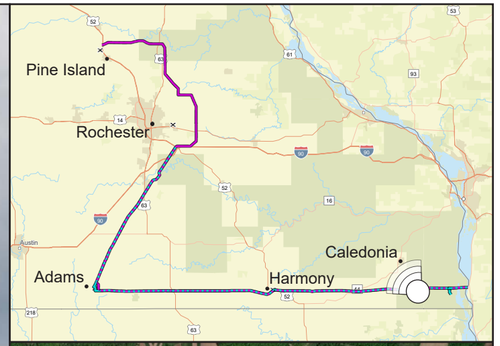
Structure: NA

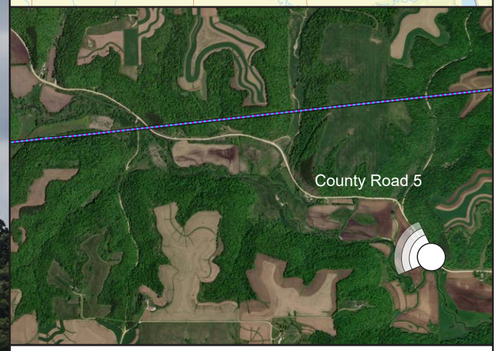
Gopher to Badger Link
Visual Simulation - Existing Conditions at 1-1/4 mile

Segment 2 (Driftless)

Gopher to Badger Link







Location: 43.544557, -91.422297
Looking northwest on County Road 5 south of Caledonia, MN.
Elevation: 745 ft
Photography: 2:55 PM, 7/22/2026
Canon EOS R5, RF24-105mm
Focal Length: 50mm

Conditions: Partly Cloudy
Solar Elevation: 49.51
Solar Azimuth: 245.13

Structure: 175’ Lattice, 750’-1,900’ structure spacing

Gopher to Badger Link
Visual Simulation - Lattice at 1-1/4 mile

Segment 2 (Driftless)

Gopher to Badger Link