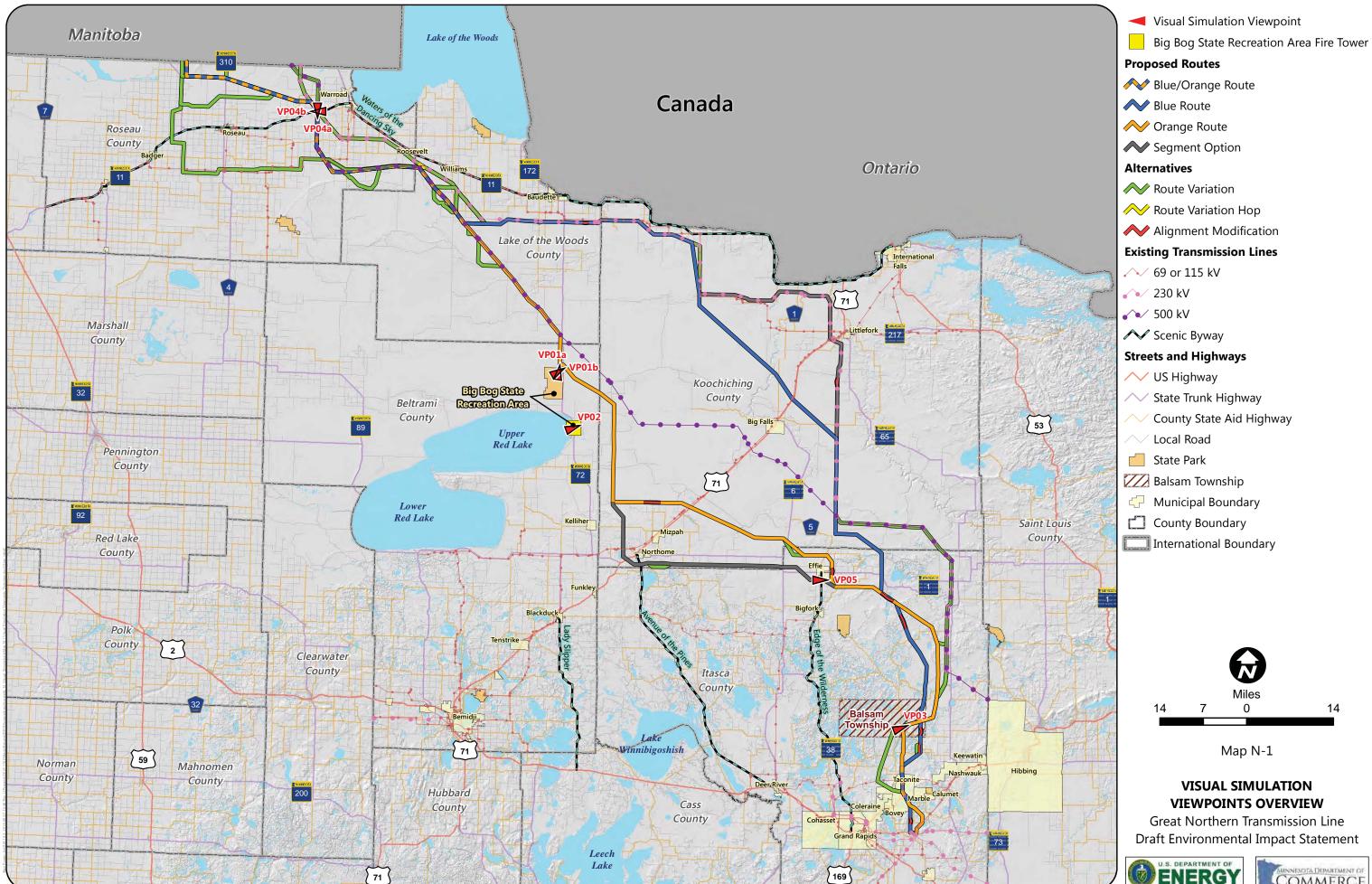
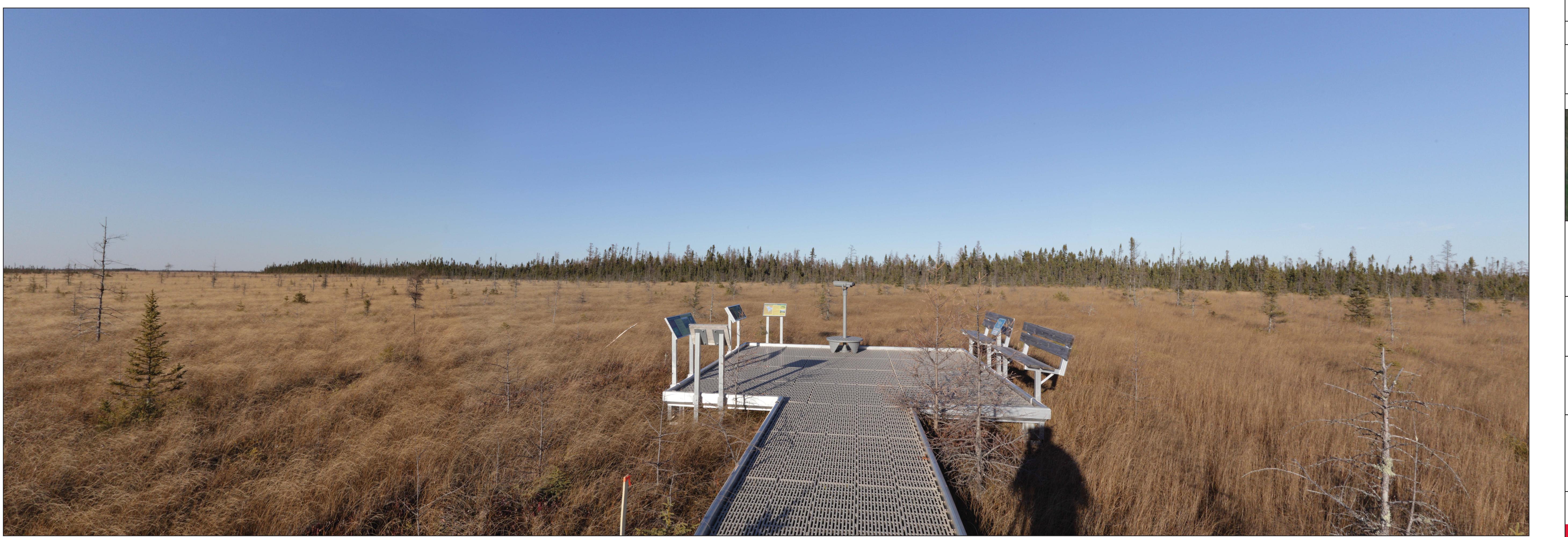
Appendix N

Photo Simulations







Viewpoint 01a

Bog Boardwalk Lookout off Highway 72

Looking Northeast

Viewpoint LocationMajor Road



Orientation of View: Horizontal Field of View: Vertical Field of View:

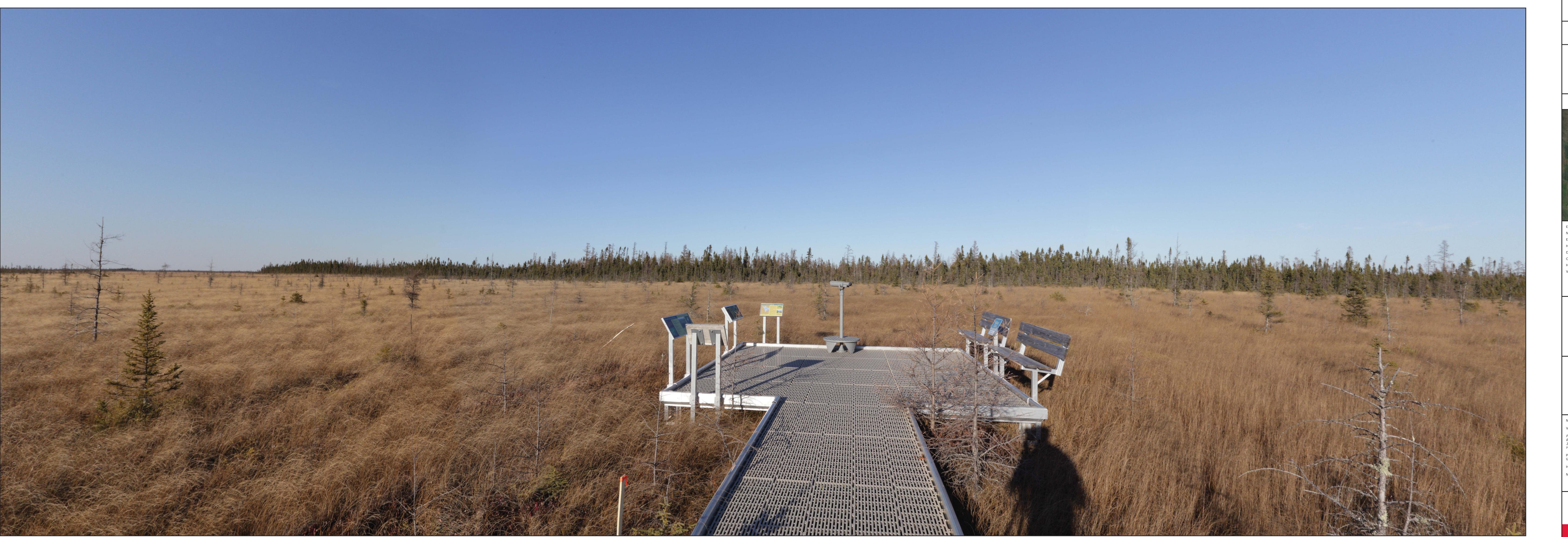
Correct Viewing of TrueView™ Photosimulations

Viewpoint locations have been surveyed by Paul Tokarczyk, PE/PLS Barr Engineering 3128 14th Avenue East Hibbing, MN 55746

PROJECTION/ZONE/DATUM: UTM, Zone 15 NH, NAD83

Heights are above mean sea level. No part of this photosimulation shall be altered in any way.

Photosimulation Created Using TrueView™ Technology (Patent No.: US 8,184,906 B2) Provided by



BARR Engineering Great Northern Transmission Line

Viewpoint 01a

Bog Boardwalk Lookout off Highway 72

Looking Northeast

Viewpoint Location — Major Road Transmission Line



Height of Camera Above Ground (ft): Date of Photography: Orientation of View: Horizontal Field of View: Vertical Field of View:

Correct Viewing of TrueView™ Photosimulations

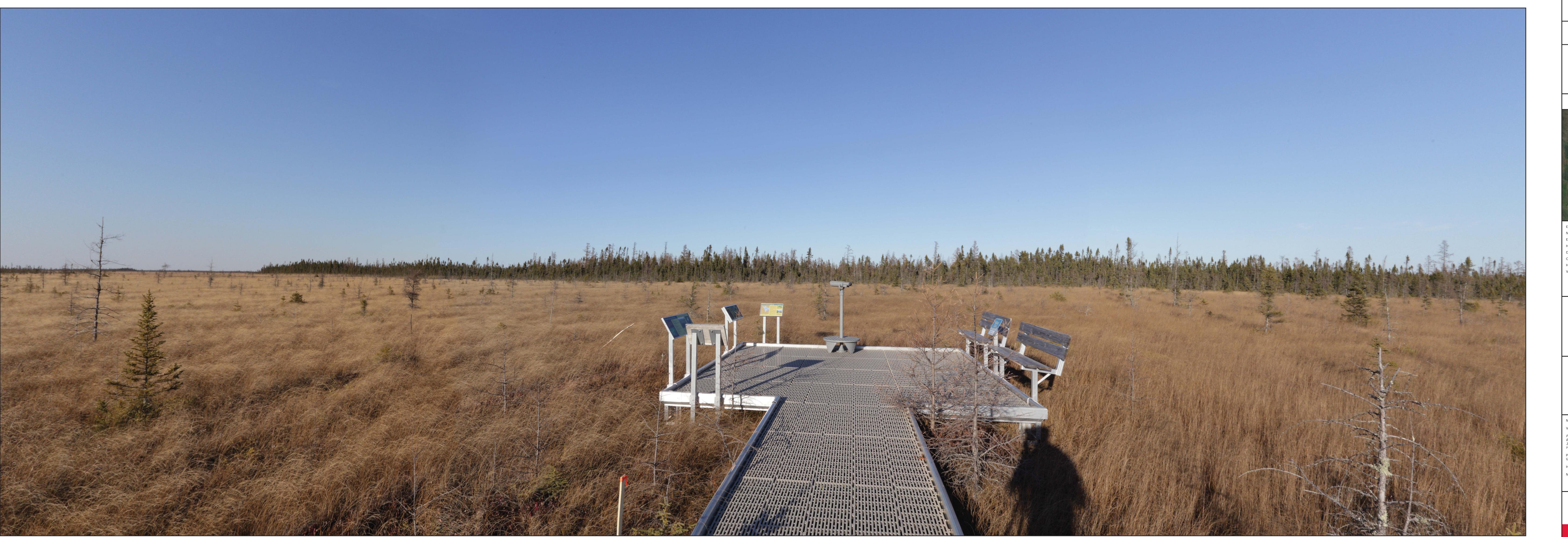
Viewpoint locations have been surveyed by Paul Tokarczyk, PE/PLS Barr Engineering 3128 14th Avenue East Hibbing, MN 55746

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BARR Engineering Great Northern Transmission Line

Viewpoint 01a

Bog Boardwalk Lookout off Highway 72

Looking Northeast

Viewpoint Location — Major Road Transmission Line



Height of Camera Above Ground (ft): Date of Photography: Orientation of View: Horizontal Field of View: Vertical Field of View:

Correct Viewing of TrueView™ Photosimulations

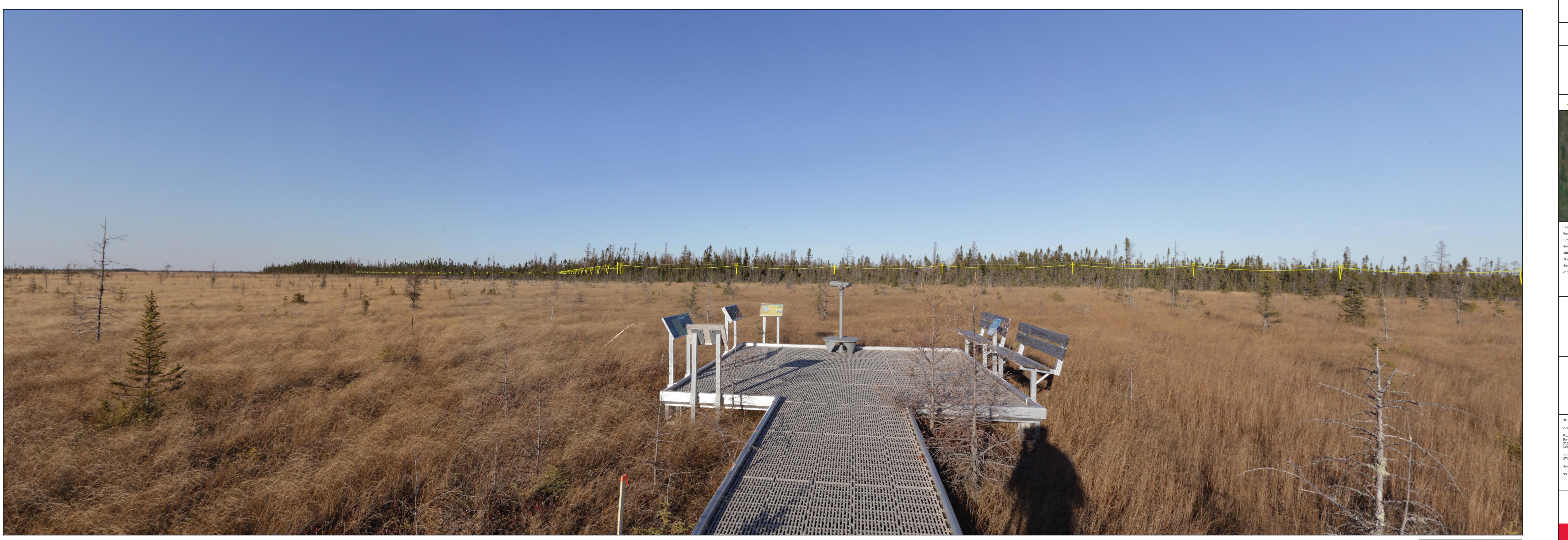
Viewpoint locations have been surveyed by Paul Tokarczyk, PE/PLS Barr Engineering 3128 14th Avenue East Hibbing, MN 55746

PROJECTION/ZONE/DATUM: UTM, Zone 15 NH, NAD83

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BARR Engineering Great Northern Transmission Line

Viewpoint 01a

Bog Boardwalk Lookout off Highway 72

Looking Northeast

Viewpoint LocationMajor Road Transmission Line



Height of Camera Above Ground (ft): Date of Photography: Orientation of View: Horizontal Field of View: Vertical Field of View:

Correct Viewing of TrueView™ Photosimulations

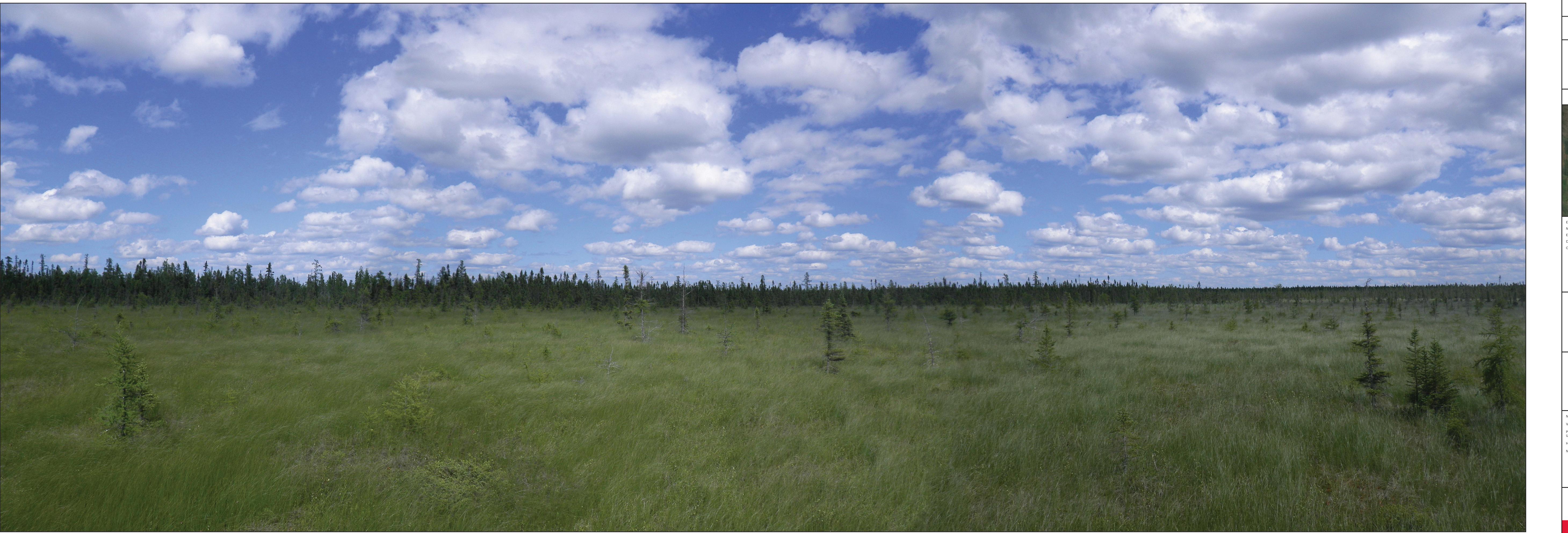
Viewpoint locations have been surveyed by Paul Tokarczyk, PE/PLS Barr Engineering 3128 14th Avenue East Hibbing, MN 55746

PROJECTION/ZONE/DATUM: UTM, Zone 15 NH, NAD83

Heights are above mean sea level.

No part of this photosimulation shall be altered in any way.

Photosimulation Created Using TrueView™ Technology (Patent No.: US 8,184,906 B2) Provided by



BARR

BARR Engineering Great Northern Transmission Line

Viewpoint 01b

Bog Boardwalk Lookout off Highway 72 Looking East Northeast

Viewpoint LocationMajor Road



Easting Position: 1258981.6

Northing Position: 17555332.7

Elevation of Viewpoint Position (ft): 1199.0

Date of Photography: 23-July-2014 at 3:43 pm

Orientation of View: NE

Viewpoint locations have been captured by handheld GPS
PROJECTION/ZONE/DATUM:
UTM, Zone 15 NH, NAD83

Heights are above mean sea level.

No part of this photosimulation shall be altered in any way.

Photosimulation Created Provided by

TRUESCAPE
Stakeholder engagement consultants



For on-screen display: Scale bar to be 4 inches (101.6 mm) wide Viewing distance 19.7 inches (50 cm)

BARR

BARR Engineering Great Northern Transmission Line

Viewpoint 01b

Bog Boardwalk Lookout off Highway 72 Looking East Northeast

upoint Location Major Po

Viewpoint LocationTransmission Line



Easting Position: 1258981.6

Northing Position: 17555332.7

Elevation of Viewpoint Position (ft): 1199.0

Date of Photography: 23-July-2014 at 3:43 pm

Orientation of View: NE

NOTES:

Viewpoint locations have been captured by handheld GPS

PROJECTION/ZONE/DATUM:

UTM, Zone 15 NH, NAD83

Heights are above mean sea level.

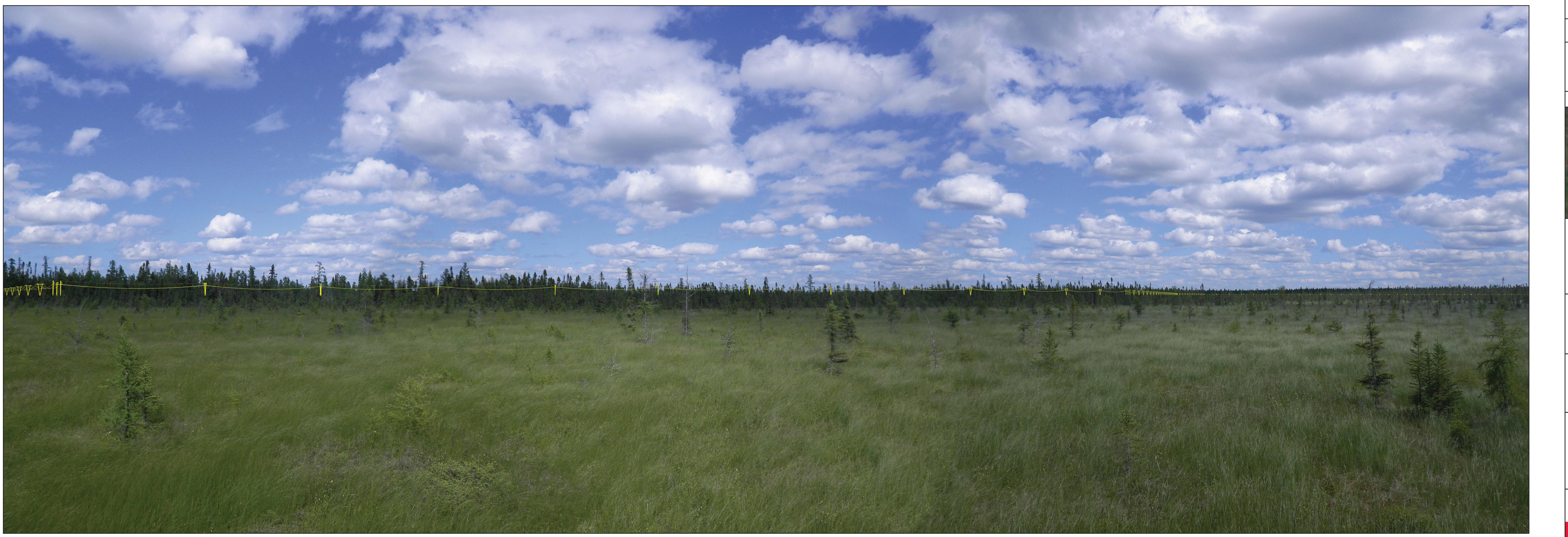
No part of this photosimulation shall be altered in any way.

No part of this photosimulation shall be altered in any way

Photosimulation Created Provided by

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Viewpoint 01b - Bog Boardwalk Lookout off Highway 72 Looking Northeast - Proposed View with Color Overlay to highlight transmission line behind existing vegetation

BARR

BARR Engineering Great Northern Transmission Line

Viewpoint 01b

Bog Boardwalk Lookout

off Highway 72

Looking East Northeast

Viewpoint LocationMajor RoadTransmission Line

72

Easting Position: 1258981.6

Northing Position: 17555332.7

Elevation of Viewpoint Position (ft): 1199.0

Date of Photography: 23-July-2014 at 3:43 pm

Orientation of View: NE

NOTES:

Viewpoint locations have been captured by h
PROJECTION/ZONE/DATUM:
UTM, Zone 15 NH, NAD83

UTM, Zone 15 NH, NAD83

Heights are above mean sea level.

No part of this photosimulation shall be altered in any way.

Photosimulation Created Provided by

TRUESCAPE
Stakeholder engagement consultants

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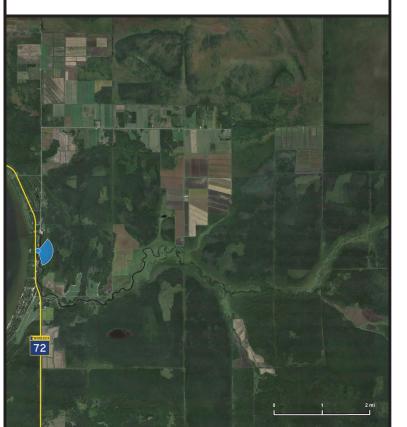


Viewpoint 02 - Big Bog Recreation Area Fire Lookout Tower Looking East Southeast - Existing View

Viewpoint 02

Big Bog Recreation Area Fire Lookout Tower

Viewpoint Location — Major Road



Northing Position: Height of Camera Above Tower Platform (ft): Date of Photography: 25-October-2014 at 1:41 pm Orientation of View: Horizontal Field of View: Vertical Field of View:

Correct Viewing of TrueView™ Photosimulations

Viewpoint locations have been surveyed by Paul Tokarczyk, PE/PLS Barr Engineering 3128 14th Avenue East Hibbing, MN 55746

PROJECTION/ZONE/DATUM: UTM, Zone 15 NH, NAD83

Heights are above mean sea level.

No part of this photosimulation shall be altered in any way.

Photosimulation Created Using TrueView™ Technology (Patent No.: US 8,184,906 B2)

www.truescape.com

Provided by



Viewpoint 02 - Big Bog Recreation Area Fire Lookout Tower Looking East Southeast - Proposed View

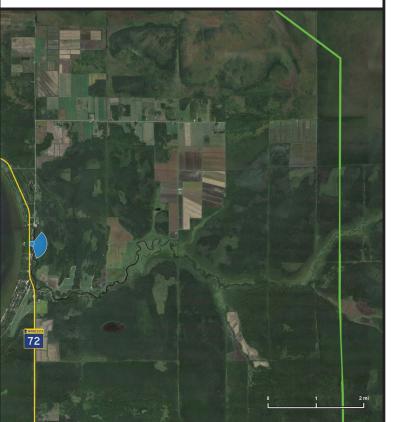


Viewpoint 02

Big Bog Recreation Area Fire Lookout Tower

Viewpoint LocationMajor Road





Northing Position: Height of Camera Above Tower Platform (ft): Orientation of View: Horizontal Field of View: Vertical Field of View:

Correct Viewing of TrueView™ Photosimulations

Viewpoint locations have been surveyed by Paul Tokarczyk, PE/PLS Barr Engineering 3128 14th Avenue East Hibbing, MN 55746

PROJECTION/ZONE/DATUM: UTM, Zone 15 NH, NAD83

Heights are above mean sea level.

No part of this photosimulation shall be altered in any way.

Photosimulation Created Using TrueView™ Technology (Patent No.: US 8,184,906 B2) Provided by



Viewpoint 02 - Big Bog Recreation Area Fire Lookout Tower Looking East Southeast - Proposed View with Color Overlay to highlight transmission line in distance

BARR Engineering Great Northern Transmission Line

Viewpoint 02

Big Bog Recreation Area Fire Lookout Tower

Viewpoint LocationMajor Road





Northing Position: Height of Camera Above Tower Platform (ft): Orientation of View: Horizontal Field of View: Vertical Field of View:

Correct Viewing of TrueView™ Photosimulations

Viewpoint locations have been surveyed by

Paul Tokarczyk, PE/PLS Barr Engineering 3128 14th Avenue East Hibbing, MN 55746

PROJECTION/ZONE/DATUM: UTM, Zone 15 NH, NAD83 Heights are above mean sea level.

No part of this photosimulation shall be altered in any way.

Photosimulation Created Using TrueView™ Technology (Patent No.: US 8,184,906 B2) Provided by