Attachment A to Attachment 1: First Amended Site Certificate;
Facility Location Mapsets (ASC Exhibit C and RFA1 Figures 4-1 and 4-2)
ATTACHMENT C-1
PROPOSED STATION LOCATION
Figure C-1. Proposed Longhorn Station
ATTACHMENT C-2
PROPOSED ROUTE LOCATION
Columbia Basin Coyote Springs Wildlife Area

Map 1

Source(s): BLM, DPS, IDOT, NFS, USDA, USFS, USGS, Versys, Envi, DigitalGlobe, Geofly, Garrett Geographics, CNES/Airbus DS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo

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Proposed Route Location Maps

Morrow County

Map 3

Project Features
- Site Boundary
- Transmission Centerline Mileposts
- Tenth-mile Work Areas
- Pulling and Tensioning
- Structure Work Area (Removal Only)
- Important Siting Constraints and Other Features
- 100-foot Contours
- Existing Transmission Lines
- Pipeline
- Other Road

Access
- Existing Road, Substantial Modification, 21-70% Improvements

Land Status
- Military Reservation or Corps of Engineers
- Private

Source(s): BLM, IPC, ODOT, IDOT, NPS, USDA, USFS, USDA, Veren, Envi, Digiflote, GeoEye, Geoscience Australia, CNOGS/Neocis, DA, Web Mapping, Aerials, QA/GIS, ArcMap

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Attachment C-2
Proposed Route Location Maps

Boardman to Hemingway Transmission Line Project
Application for Site Certificate

**Map Area**

**Project Features**
- Site Boundary
- Transmission Centerline

**Mileposts**
- Mile
- Tenth-mile

**Work Areas**
- Pulling and Tensioning
- Structure Work Area
- Structure Work Area (Removal Only)

**Access**
- Existing Road
- Existing Transit System
- Pipeline
- Other Road

**Land Status**
- Military Reservation or Corps of Engineers
- Private
- State or Local

**Map 4**

**Attachment C-2**
Proposed Route Location Maps
Morrow County

**Oregon Map Area**

Boardman to Hemingway Transmission Line Project
Application for Site Certificate

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Sec. 11

Sec. 12

Sec. 13

Sec. 14

Sec. 15

Proposed Route

West of Bombing Range Road Alternatives 1/2 (See Attachment C-3, Maps 1-4)

Map Area

Project Features

- Site Boundary
- Alternative
- Transmission Centerline

Mileposts

- Mile
- Tenth-mile
- Work Areas

- Pulling and Tensioning
- Structure Work Area

Access

- Existing Road
- Substantial Modification, 21-70% Improvements
- New Road, Primitive

Important Siting Constraints and Other Features

- 100-foot Contours
- Existing Transmission Lines

Other Road

- Oregon NHT Intact Segment (1/4-mile buffer)
- Protected Area (EFSC)

Land Status

- Military Reservation or Corps of Engineers
- Private

Source(s): BLM, IPC, ODOT, ODOT, NPS, USDA, USFS, USGS, Versys, Envi, DigitalGlobe, GeoEye,

Goree Geographic, CNES/Airbus DS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo

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Attachment C-2
Proposed Route Location Maps
Morrow County

Map 6
Wheatridge Wind Energy

Projected Route Location Maps

**Project Features**
- Site Boundary
- Work Areas
- Multi-Use Area
- Access
- Existing Road, Substantial Modification, 21-70% Improvements

**Important Siting Constraints and Other Features**
- 100-foot Contours
- Existing Transmission Lines

**Land Status**
- Private

Source(s): BLM, IPC, ODOT, BLM, USFS, USGS, USDA, USFS, USGS, Veris, Esri, Digimap, Geology, Esri Geographics, CNES/Aldeco, ADG, EarthImagery, ANGA, GeoEye, GFIs, Geoscape

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Boardman to Hemingway Transmission Line Project
Application for Site Certificate

**Attachment C-2**

Proposed Route Location Maps
Morrow County

**Map 12**
Boardman to Hemingway Transmission Line Project
Application for Site Certificate

Attachment C-2
Proposed Route Location Maps
Morrow County
Map 13

Source(s): BLM, ODOT, ODOT, ODEA, USFS, USGS, NASA, ESRI, DigitalGlobe, Geology,
Stereographic, DMA, City of Portland, Other, Google, DigitalGlobe, GeoEye, Earthstar Geographics,
CNES/Airbus DS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo

Oregon Map Area

Proposed Route

Project Features
- Site Boundary
- Transmission Centerline
- Mileage
- Tenth-mile
- Work Areas
  - Multi-Use Area
  - Pulling and Tensioning
  - Structure Work Area

Access
- Existing Road
- Substantial Modification, 21-70% Improvements
- Existing Road, Substantial Modification, 71-100% Improvements
- New Road, Primitive

Important Siting
- Constraints and Other Features
  - 100-foot Contours
  - Other Road
  - Stream

Land Status
- Private

Map 13

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Map 15

Proposed Route Location Maps
Morrow County

Project Features
- Site Boundary
- Transmission Centerline

Mileposts
- Mile
- Tenth-mile

Work Areas
- Multi-Use Area
- Structure Work Area

Access
- Existing Road,
- Substantial Modification,
  21-70% Improvements

Existing Road,
- Substantial Modification,
  71-100% Improvements

Land Status
- Private

Map Area

Source(s): BLM, IPC, IDOT, NPS, USDA, USGS, Ventyx, Esri, DigitalGlobe, Geofly,
Sarthene Geographic, CNES/Sentinel-3, AEX, Geotab, ArcGIS, 60k USGS topographic
2018-06-13

Attachment C-2
Boardman to Hemingway Transmission Line Project
Application for Site Certificate

OREGON Map Area

15,000 Feet

Project Features
- Site Boundary
- Transmission Centerline
- Mile
- Tenth-mile
- Work Areas
  - Pulling and Tensioning
  - Structure Work Area
- Access
- Existing Road,
  - Substantial Modification,
    - 71-100% Improvements
- New Road, Bladed
- New Road, Primitive
- Important Siting
- Confining and Other
  - Features
  - 100-foot Contours
- Stream
- Other Road
- Land Status
- Private

Source(s): BLM, IPC, ODEQ, IDOT, NPS, USDA, USFWS, USGS; Versys, Inc; DigitalGlobe, Geofabrik,
Geoengineers, USGS/SITL, USGS AERIAL, Geoengineers, Inc; GF-consulting

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Boardman to Hemingway Transmission Line Project
Application for Site Certificate

Attachment C-2
Proposed Route Location Maps
Morrow County
Map 18
Project Features

- Site Boundary
- Access
- Existing Road, Substantial Modification, 21-70% Improvements
- Existing Road, Substantial Modification, 71-100% Improvements
- New Road, Primitive

Important Siting

- 100-foot Contours

Source(s): BLM, IPC, ODOT, ORDOT, ODF, USFS, USDA, Western, Env, DigitalGlobe, GettyImages, Dartmouth, Esri, GeoEye, GeoEyes, CNES/Airbus DS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo

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Attachment C-2
Proposed Route Location Maps
Morrow County
Map 20
Project Features
- Site Boundary
- Transmission Centerline
- Mile
- Tenth-mile
- Work Areas
  - Pulling and Tensioning
  - Structure Work Area
- Access
- Existing Road, Substantial Modification, 21-70% Improvements
- Proposed Route
- New Road, Primitive

Existing Road, Substantial Modification, 71-100% Improvements
- Important Siting
- Constraints and Other Features
  - 100-foot Contours
  - Other Road
  - Stream
- Land Status
  - Bureau of Land Management
  - Private

Source(s): BLM, IPC, IDOT, IDG, USDA, USFS, ODEA, ODOT, VeriSign, Esri, DigitalGlobe, GeoEys, CNES/Airbus DS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo

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Project Features
- Site Boundary
- Work Areas
- Multi-Use Area
- Access
  - Existing Road, Substantial Modification, 21-70% Improvements
  - Existing Road, Substantial Modification, 71-100% Improvements
  - New Road, Primitive

Important Siting Constraints and Other Features
- 100-foot Contours
- Other Road
- Stream
- Land Status
  - Private

Source(s): BLM, IPC, BDOT, USGS, USFWS, USDI, USDA, FHWA, EPA, GIS, ODOT, NWCO, USGS, LNL, OSU, SCA, DNR, OGP, ONS, OOS, OSB, ORIS, ORS, SCA, USDI, USDA, USFWS, USGS, X-1, Y-1, Z-1

Attachment C-2
Proposed Route Location Maps
Morrow County
Map 23
Project Features

- Site Boundary
- Transmission Centerline
- Mileposts
  - Tenth-mile
- Work Areas
  - Pulling and Tensioning
  - Structure Work Area
- Access
  - Existing Road,
  - Substantial Modification,
  - 71-100% Improvements

- New Road, Bladed
- New Road, Primitive

Important Siting
Consents and Other
Features
- 100-foot Contours
- Other Road
- Stream

Land Status
- Private

Source(s): BLM, IPC, ODOT, USGS, USDA, USFS, USGSP, Ventyx, Esri, DigitalGlobe, GeoEys, Earthstar Geographics, CNES/Airbus DS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo

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Boardman to Hemingway Transmission Line Project
Application for Site Certificate

Attachment C-2
Proposed Route Location Maps
Umatilla County
Map 27

Project Features:
- Site Boundary
- Transmission Centerline

Mileposts:
- Mile
- Tenth-mile

Work Areas:
- Pulling and Tensioning
- Structure Work Area

Access:
- Existing Road
- Substantial Modification, 21-70% Improvements

Existing Road,
- Substantial Modification, 71-100% Improvements
- New Road, Bladed
- New Road, Primitive

Important Siting Constraints and Other Features:
- 100-foot Contours
- Stream
- Other Road
- Land Status
- Private

Source(s): BLM, IPC, ODOT, NPS, USDA, USGS, Versys, Env, DigitalGlobe, Geofab, Garberie Geographics, CNES/Altius/DAI, Geomapping, Arupco, GI, USGS, SGI

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attachment C-2
Proposed Route Location Maps
Umatilla County
Map 28
Boardman to Hemingway Transmission Line Project
Application for Site Certificate

Attachment C-2
Proposed Route Location Maps
Umatilla County
Map 30

Source(s): BLM, ODOT, ORDOT, USDA, USFS, ODF, Veren, Esri, DigitalGlobe, GeoEye, Getmapping, Aerogrid, IGN, IGP, swisstopo
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Map of Proposed Route Location
Umatilla County

Project Features:
- Site Boundary
- Transmission Centerline
- Mile
- Tenth-mile
- Mileposts
- Work Areas
- Pulling and Tensioning
- Structure Work Area
- Access
- Existing Road
- Substantial Modification, 71-100% Improvements
- New Road, Bladed
- New Road, Primitive
- Important Siting Constraints and Other Features
- 100-foot Contours
- Other Road
- Stream
- Land Status
- Bureau of Land Management
- Private

Umatilla County
Sec. 11
2S
31E
Sec. 10
Bear Creek

Proposed Route

West Birch Creek
Schoolhouse Canyon
Beale Canyon
Bridge Creek

Proposed Route Location Maps
Boardman to Hemingway Transmission Line Project
Application for Site Certificate

Umatilla County
Sec. 12
2S
31E
Sec. 12

Beale Canyon
Bridge Creek

West Birch Creek
Schoolhouse Canyon

Proposed Route
Proposed Route Location Maps
Boardman to Hemingway Transmission Line Project
Application for Site Certificate
Umatilla County
Map 31

Project Features
- Site Boundary
- Transmission Centerline
- Mile
- Tenth-mile
- Work Areas
  - Pulling and Tensioning
  - Structure Work Area
- Access
- Existing Road
  - Substantial Modification, 71-100% Improvements
- New Road, Bladed
- New Road, Primitive

Important Siting Constraints and Other Features
- 100-foot Contours
- Stream
- Other Road
- Land Status
- Private

Source(s): BLM, IPC, ODOT, BLM, NPS, USDA, USFS, USDA, USDA, BLM, BLM, Silverado, Esri, DigitalGlobe, GeoEys, Earthstar Geographics, CNES/Airbus DS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo
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Attachment C-2
Proposed Route Location Maps
Umatilla County
Map 31

Project Features
- Site Boundary
- Transmission Centerline
- Mile
- Tenth-mile
- Work Areas
  - Pulling and Tensioning
  - Structure Work Area
- Access
- Existing Road
  - Substantial Modification, 21-70% Improvements

Existing Road, Substantial Modification, 71-100% Improvements
New Road, Bladed
New Road, Primitive

Important Siting Constraints and Other Features
- 100-foot Contours
- Stream
- Other Road
- Land Status
- Private
UMATILLA COUNTY

Spring Hollow

Dry Hollow

Sec. 5

Section

2S 32E

Proposed Route

UMATILLA UM-04

Access

Existing Road,
Substantial Modification,
21-70% Improvements

Existing Road,
Substantial Modification,
71-100% Improvements

New Road, Primitive

Important Siting
Constraints and Other Features

Existing Road
100-foot Contours

Other Road
Stream

Land Status
Private

Project Features

Site Boundary
Transmission Centerline
Mileposts
Mile
Tenth-mile
Work Areas
Multi-Use Area
Pulling and Tensioning
Structure Work Area

Source(s): BLM, IPC, ODOT, BDOT, USFS, USDA, ODFW, VeraSea, DigitalGlobe, Esri, SWIS, GeoEys, Ventyx, CNES/Airbus DS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo

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Project Features
- Site Boundary
- Access
- Existing Road, Substantial Modification, 71% 100% Improvements
- Important Siting Constraints and Other Features
  - 100-foot Contours
  - Other Road
  - Stream

Land Status
- Private

Source(s) BLM, FPC, ODOT, NPS, USDA, USGS, USFWS, VERM, ECO, DigitalGlobe, GeoEys, GeoCortex Geographics, ©2021/2022, DigitalGlobe, ©2022, Geocarto, Inc., USGS, USFWS, ©2022, Esri, DeLorme, GeoEye, GeoEye, Getmapping, Aerogrid, IGN, IGP, swisstopo

Attachment C-2
Proposed Route Location Maps
Umatilla County
Map 34
Boardman to Hemingway Transmission Line Project
Application for Site Certificate

Attachment C-2
Proposed Route Location Maps
Umatilla County
Map 36

Proposed Route

Project Features
- Site Boundary
- Transmission Centerline
- Mile
- Tenth-mile
- Work Areas
- Pulling and Tensioning
- Structure Work Area
- Access
- Existing Road
- Substantial Modification, 71-100% Improvements
- New Road, Bladed
- New Road, Primitive

Important Siting
- Constraints and Other Features
- 100-foot Contours
- Other Road
- Stream

Land Status
- Bureau of Land Management
- Private

Source(s): BLM, IPC, OSPR, DOT, NFS, USDA, USFWS, Veren, Env. Dept/State, Gully, Geospatial Geographics, CENSS/Sdgs/US, AGI, Environmental, Arcgis, 4D, GIS, Landtopo
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Little Wood Hollow

Sevenmile Creek

Wood Hollow

Sec. 33

Proposed Route

Boardman to Hemingway Transmission Line Project
Application for Site Certificate

Attachment C-2
Proposed Route Location Maps
Umatilla County
Map 38
Map Area

Source(s): BLM, ORP, ODOT, USFS, USDA, USGS, Versys, Inc, DigitalGlobe, GeoEye, Garmin, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoE
Proposed Route Location Maps
Union County
Map 47

Source(s): BLM, IPC, ODOT, IDOT, NPS, USDA, USGS, Versys, Env. DigitalGlobe, Geofab, Garmin Geographic, CNES/Airbus DS, Esri, GeoEyes, CNES/Airbus DS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo

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Boardman to Hemingway Transmission Line Project
Application for Site Certificate

Attachment C-2
Proposed Route Location Maps
Union County
Map 47
Project Features

- Site Boundary
- Alternative
- Transmission Centerline
- Mile
- Tenths-mile
- Work Areas
- Pulling and Tensioning
- Structure Work Area
- Access
- Existing Road, Structural Modification, 21-70% Improvements
- New Road, Bladed
- New Road, Primitive
- Important Siting Features
- 100-foot Contours
- Existing Transmission Lines
- Oregon National Historic Trail (OHT)
- Pipeline
- Road
- Stream
- Oregon NHT Intact Segment (1/4-mile buffer)
- Land Status
- Private

Source(s) BLM, DOI, EPA, IDOT, NPS, USDA, U.S.G.S, Veris, Eos, DigitalGlobe, GeoEye, Garmin Geographics, CNES/Airbus DS, Aerogrid, Arup, Getmapping, Swisstopo.

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Boardman to Hemingway Transmission Line Project
Application for Site Certificate

Attachment C-2
Proposed Route Location Maps
Union County
Map 50

Project Features
- Site Boundary
- Transmission Centerline
- Mileposts
- Mile
- Tenth-mile

Work Areas:
- Communication Station
- Pulling and Tensioning
- Structure Work Area

Access:
- Existing Road
- Substantial Modification, 21-70% Improvements
- New Road, Bladed
- New Road, Primitive

Distribution Line to Communication Station (IPC Service Territory Only)

Important Siting Constraints and Other Features
- 100-foot Contours

Existing Transmission Lines
- Oregon National Historic Trail (NHT)

Elevations
- Pipe
- Road
- Stream
- City Limits
- Oregon NHT Intact Segment (1/4-mile buffer)

Land Status
- Private

Source(s): BLM, IPC, ODOT, OSU, USDA, USGS, Verizon, EX, DigitalGlobe, GeoEyes, Imagery, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo

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Project Features
- Site Boundary
- Transmission Centerline
- Mile
- Tenth-mile
- Pulling and Tensioning
- Structure Work Area
- Access
- Existing Road
- Substantial Modification, 21-70% Improvements
- New Road, Bladed
- New Road, Primitive
- Important Siting Constraints and Other Features
- 100-foot Contours
- Existing Transmission Lines
- Road
- Stream

Existing Road, Substantial Modification, 71-100% Improvements

Oregon NHT Intact Segment (1/4-mile buffer)

Land Status
- Private

Source(s): BLM, IPC, IDOT, NPS, USDA, USGS, Vertis, Esri, DigitalGlobe, Geofly, Garmin Geographics, CNES/Airbus DS, AEX, Geoameric, 3D, USFWS, and more.

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**Proposed Route Location Maps**

**Union County**

**Map 60**

**Project Features**
- Site Boundary
- Transmission Centerline Mileposts
- Mile
- Tenth-mile
- Work Areas
- Multi-Use Area
- Pulling and Tensioning
- Structure Work Area

**Access**
- Existing Road
- Substantial Modification, 71-100% Improvements
- New Road, Bladed
- New Road, Primitive

**Important Siting and Other Features**
- 100-foot Contours
- Existing Transmission Lines
- Oregon National Historic Trail (NHT)

**Map Area**

**Source(s):** BLM, IPC, ODEA, ODOT, USDA, USFS, USEPA, Ventyx, DigitalGlobe, Earthstar Geographics, Esri, GeoEys, IGN, IGP, swisstopo, CNES/Airbus DS, AEX, Getmapping, Aerogrid, Lladd Cannoony Nnoorrtthh Ppowwer RR, Llaammppppkkiinngg, Rrrdd Llooggg, Bbaaggwweelll Rrdd, MUA UN-03

**Project Location**

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Application for Site Certificate

Attachment C-2
Proposed Route Location Maps
Union County
Map 61

Source(s): BLM, IPC, ODOT, WDFW, USFS, USDA, ODOT, ODFW, ODOT, USGS, USFWS, ORDEQ, Oregon State Police, Idaho Power Co.

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Attachment C-2
Proposed Route Location Maps
Union County
Map 62
**Proposed Route Location Maps**

**Baker County**

Map 63

**Project Features**
- Site Boundary
- Transmission Centerline
- Milepost
- Mile
- Tenth-mile
- Work Areas
  - Pulling and Tensioning
  - Structure Work Area
- Access
- Existing Road,
  - Substantial Modification,
  - 21-70% Improvements
- New Road,
  - Bladed
  - Primitive
- Important Siting
- Constraints and Other Features
  - 100-foot Contours
  - Existing Transmission Lines
  - Railroad
  - Stream
  - Land Status
- Bureau of Land Management

Source(s): BLM, IPC, ODOT, IDOT, NFS, USDA, USFS, USDA, ODFW, ODOT, DigitalGlobe, GeoEys, Earthstar Geographics, CNES/Airbus DS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo

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Map 66

Attachment C-2
Proposed Route Location Maps
Baker County

New Road, Bladed
New Road, Primitive
Sage-grouse Areas of Population Richness
Land Status
- Bureau of Land Management
- Private

Sage-grouse Core Area

Proposed Route

Source(s): OLM, IPC, OSPI, IDOT, NPS, USDA, USGS, Veren, Evr, DigitalGlobe, Geofly, Servicio Geográfico, CNES/Spot5, DVL, CTE, Mapatopia, Amapco, GO, USGS images, ESRI, GeoEye, Earthstar Geographics, CNES/Airbus DS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo

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Project Features
- Site Boundary
- Transmission Centerline
- Mileposts
- Tenth-mile

Work Areas
- Multi-Use Area
- Pulling and Tensioning
- Structure Work Area

Access
- Existing Road
- Substantial Modification, 21-70% Improvements
- Existing Road, Substantial Modification, 71-100% Improvements
- New Road, Bladed
- New Road, Primitive

Important Siting
- 100-foot Contours

Constraints and Other Features
- 100-foot Contours

Existing Transmission Lines
- Other Road
- Stream
- Airport Controlled
  Airspace (Height Restrictions Apply)
- Oregon NHT Intact
  Segment (1/4-mile buffer)
- Sage-grouse Core Area

Land Status
- Private

Source(s): BLM, IPC, ODOT, ODF, USFS, USDA, USGS, Ventyx, Esri, DigitalGlobe, Geonames, Earthstar Geographics, CNES/Airbus DS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo

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Proposed Route (230-kV Rebuild)

- **Site Boundary**
- **Transmission Centerline Mileposts**
- **Access**
  - **Existing Road**
  - **Substantial Modification**, 21-70% Improvements
  - **Existing Road**
  - **Substantial Modification**, 71-100% Improvements
  - **New Road, Bladed**
  - **New Road, Primitive**

**Important Siting Features**
- **100-foot Contours**
- **Existing Transmission Lines**
- **Oregon National Historic Trail (NHT)**
- **Other Road**
- **Stream**
- **Oregon NHT Intact Segment (1/4-mile buffer)**
- **Protected Area (EFSC)**
- **Sage-grouse Core Area**

**Land Status**
- **Bureau of Land Management**
- **Private**

**Proposed Route Location Maps**
Baker County

Boardman to Hemingway Transmission Line Project
Application for Site Certificate

Project Features
- Site Boundary
- Transmission Centerline
- Mile
  - Tenth mile
- Work Areas
  - Pulling and Tensioning
  - Structure Work Area
- Access
- Existing Road
- Substantial Modification, 21-70% Improvements
- New Road, Primitive
- Important Siting
- Constraints and Other Features
  - 100-foot Contours
  - Existing Transmission Lines
  - Other Road
  - Scenic Byway (Type)
  - Stream
  - Sage-grouse Core Area

Land Status
- Bureau of Land Management
- Private

Source: DigitalGlobe, Esri, GeoEys, Earthstar Geographics, CNES/Airbus DS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo

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Boardman to Hemingway Transmission Line Project
Application for Site Certificate

Attachment C-2
Proposed Route Location Maps
Baker County
Map 70

Project Features
- Site Boundary
- Transmission Centerline
- Mileposts
  - Mile
  - Tenth mile
- Work Areas
  - Multi-Use Area
  - Pulling and Tensioning
  - Structure Work Area
- Access
  - Existing Road,
  - Substantial Modification,
  - 21-70% Improvements
  - Existing Road,
  - Substantial Modification,
  - 71-100% Improvements
  - New Road,
  - Primitive

Important Siting Constraints and Other Features
- 100-foot Contours
- Existing Transmission Lines

Land Status
- Interstate
- Other Road
- Stream
- City Limits
- Sage-grouse Core Area
- Private

Source(s): BLM, IPC, ODF, ODOT, ODF, USDA, USGS, Versy, Inc., DigitalGlobe, GeoEye, Geospatial Resources, DMS/IS/IdCo, IDL, Geographic American, GN, GI, GIS, geospacer
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Boardman to Hemingway Transmission Line Project
Application for Site Certificate

Attachment C-2
Proposed Route Location Maps
Baker County
Map 71
Project Features
- Site Boundary
- Transmission Centerline
- Mile
- Tenth-mile
- Work Areas
  - Pulling and Tensioning
  - Structure Work Area
  - Access
- Existing Road
  - Substantial Modification, 71-100% Improvements
- New Road
  - Bladed
  - Primitive
- Important Siting
- Constraints and Other Features
  - 100-foot Contours
  - Existing Transmission Lines
  - Other Road
  - Sage-grouse Core Area

Land Status
- Bureau of Land Management
- Private

Source(s): BLM, IPC, IDOT, ORDOT, USDA, USFS, USGS, Verex, Esri, DigitalGlobe, Galdegra, Geotab, Geomatics, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, GeoEye, 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Project Features
- Site Boundary
- Transmission Centerline
- Mileposts
- Tenth-mile Work Areas
- Pulling and Tensioning
- Structure Work Area
- Access
- Existing Road
- Substantial Modification, 21-70% Improvements
- New Road, Bladed
- New Road, Primitive
  Important Siting Constraints and Other Features
  - 100-foot Contours
  - Existing Transmission Lines
  - Pipeline
  - Interstate
  - Other Road
  - Railroad
  - Stream

- Sage-grouse Core Area
- Land Status
  - Bureau of Land Management
  - Private

Source(s): BLM, IPC, ODOT, IDOT, NFS, USDA, USGS, Versys, Env, DigitalGlobe, Geofly,
Geosolutions, Global Int., NGS, Geospatial Analytics, Inc., OIG, ODEP, USDA, Ventyx,
Earthstar Geographics, CNES/Airbus DS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo
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Earthstar Geographics, CNES/Airbus DS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo
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Boardman to Hemingway Transmission Line Project
Application for Site Certificate

Attachment C-2
Proposed Route Location Maps
Baker County
Map 74

Project Features
- Site Boundary
- Transmission Centerline
- Mileposts
  - Mile
  - Tenth-mile
- Work Areas
  - Pulling and Tensioning
  - Structure Work Area
  - Access
- Existing Road
  - Substantial Modification, 21-70% Improvements
- Land Status
  - Bureau of Land Management
  - Private

Existing Road, Substantial Modification, 71-100% Improvements
- New Road, Bladed
- New Road, Primitive

Important Siting Constraints and Other Features
- 100-foot Contours
- Other Road
- Stream
- VRM 2

Source(s): BLM, IPC, ODOT, ORDO, USFWS, USGS, Verns, Environmental, DigitalGlobe, GeoEye, Esri, Earthstar Geographics, CNES/Airbus DS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo

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Project Features
- Site Boundary
- Work Areas
- Multi-Use Area
- Access
- Existing Road,
- Substantial Modification,
- 21-70% Improvements
- Important Siting
- Constraints and Other
- Features
  - 100-foot Contours
  - Existing Transmission
  - Lines
- Oregon National Historic
  Trail (NHT)
- Pipeline
- Interstate
- Other Road
- Railroad
- Stream
- Sage-grouse Core Area
- Land Status
- Bureau of Land
  Management
- Private

Source(s): BLM, IPC, ODFW, ODOT, USDA, USGS, USFWS, USDA, Veren, Evon, DigiLife, Geofly, Granite
Surveys, Geographics, CNES/Airbus, DGI, Geospatial Analytics, Ltd, LGI, GeoBiospace
OptiMap/Basemaps

Map: Attachment C-2: Proposed Route Location Maps
Baker County

Boardman to Hemingway Transmission Line Project
Application for Site Certificate

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Project Features
- Site Boundary
- Work Areas
- Multi-Use Area
- Access

Important Siting Constraints and Other Features
- 100-foot Contours
- Other Road
- Stream
- VRM 2
- Land Status
  - Bureau of Land Management
  - Private

Source(s): BLM, IPC, ODOT, BLM, USFS, USDA, USGS, VENT, EDC, DigitalGlobe, Getty, Satellite Geographics, CNES/Airbus DS, Google, 436, GIS webmaps
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Baker County

French Creek

Buckhorn Gulch

Sec. 16

Sec. 17

Sec. 18

Sec. 19

12S

43E

177

178

Project Features
- Site Boundary
- Transmission Centerline
- Mile
- Tenth-mile
- Work Areas
- Pulling and Tensioning
- Structure Work Area
- Access
- Existing Road
- Substantial Modification, 21-70% Improvements
- New Road, Bladed
- New Road, Primitive
- Important Siting
- Constraints and Other Features
- 100-foot Contours
- Stream
- Land Status
- Bureau of Land Management
- Private

Map Area

0 1,000

Source(s): BLM, ODFW, IDOT, NPS, USDA, USGS, Versys, Inc., DigitalGlobe, GeoEye, Geovisual Solutions, Inc., AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo

Attachment C-2

Proposed Route Location Maps

Baker County

Map 84
Project Features
- Site Boundary
- Transmission Centerline Mileposts
- Mile
- Tenth-mile
- Work Areas
  - Multi-Use Area
  - Pulling and Tensioning
  - Structure Work Area
- Access
  - Existing Road
  - Substantial Modification, 21-70% Improvements
  - Existing Road, Bladed
  - New Road, Primitive
- Important Siting Features
  - 100-foot Contours
- Existing Transmission Lines
  - Oregon National Historic Trail (NHT)
- Important Siting Areas
  - Pipeline
  - Interstate
  - Other Road
  - Railroad
  - Stream
  - West-wide Energy Corridor (WWEC)
  - Protected Area (EFSC)

Land Status
- Bureau of Land Management
- Private

Source(s): BLM, IPC, ODFW, ODOT, NFS, USDA, USGS, Ventyx, Esri, DigitalGlobe, Geospatial Synergy, CNES/Airbus DS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo

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Attachment C-2
Proposed Route Location Maps
Baker County
Map 88
Map Area

Project Features
- Site Boundary
- Transmission Centerline
- Mileposts
  - Mile
  - Tenth-mile
- Work Areas
  - Pulling and Tensioning
  - Structure Work Area
  - Structure Work Area (Removal Only)

Access
- Existing Road
- Substantial Modification, 21-70% Improvements
- Existing Road, Bladed
- New Road, Bladed
- New Road, Primitive
- Structures and Other
  - 100-foot Contours

Existing Transmission Lines
- Oregon National Historic Trail (NHT)
- Pipeline
- Interstate
- Highway
- Other Road
- Railroad
- Stream
- Vale District (BLM) Utility Corridor

Vale District (BLM) Utility Corridor and West-wide Energy Corridor (WWEC)
- West-wide Energy Corridor (WWEC)
- Oregon NHT intact Segment (1/4-mile buffer)
- Protected Area (EFSC)
- Sage-grouse Core Area
- VRM 2
- VRM 3

Land Status
- Bureau of Land Management
- Fish and Wildlife Service
- County
- Private

Source(s): BLM, IPC, ODFW, IDOT, NPS, USDA, USGS, Wyver, Env. Data, Google, Garthmore Geographic, CNEIA/USGS/USDA, ADE, GoogleMaps, Arcgis, OR, USGS website

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**Proposed Route Location Maps**

**Boardman to Hemingway Transmission Line Project**

**Application for Site Certificate**

**Map 94**

**Attachment C-2**

**Proposed Route Location Maps**

**Malheur County**

**Map 94**

**Project Features**
- Site Boundary
- Transmission Centerline Mileposts
- Mile
- Tenth-mile
- Mileposts
- Work Areas
- Pulling and Tensioning
- Structure Work Area
- Access
- Existing Road, Substantial Modification, 21-70% Improvements
- New Road, Bladed
- New Road, Primitive
- Important Siting Constraints and Other Features
- 100-foot Contours
- Existing Transmission Lines
- Oregon National Historic Trail (NHT)
- Pipeline
- Railroad
- Stream
- Vale District (BLM) Utility Corridor
- Vale District (BLM) Utility Corridor and West-wide Energy Corridor (WWEC)
- West-wide Energy Corridor (WWEC)
- Oregon NHT Intact Segment (1/4-mile buffer)
- Protected Area (EFSC)
- Bureau of Land Management
- Fish and Wildlife Service
- Private

**Source(s):** BLM, IPC, ODFW, IDOT, NPS, USDA, USGS, Ventyx, Esri, DigitalGlobe, GeoEye, Garmin GeoEye, CNES/Airbus DS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo

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MALHEUR COUNTY
Road
Gulch
Pine Tree
Ridge Creek
Sec.
27
Sec.
34
Sec.
33
15S
45E
16S
45E
Proposed Route

Project Features
- Site Boundary
- Transmission Centerline
- Mileposts
- Tenth-mile
- Work Areas
  - Multi-Use Area
  - Pulling and Tensioning
  - Structure Work Area
Access
- Existing Road
- Substantial Modification, 21-70% Improvements
- New Road, Bladed
- Important Siting
- Constraints and Other Features
- 100-foot Contours
- Other Road
- Stream
- Vale District (BLM) Utility Corridor
- VRM 3

Land Status
- Bureau of Land Management
- Private

Malheur County

Alkali Gulch Rd

Project Features
- Site Boundary
- Transmission Centerline
- Mileposts
  - Mile
  - Tenth-mile
- Work Areas
  - Pulling and Tensioning
  - Structure Work Area
- Access
  - New Road, Bladed
  - New Road, Primitive

Important Siting Constraints and Other Features
- 100-foot Contours
- Other Road
- Stream
- Bureau of Land Management

Source(s): BLM, IPC, ODOT, ODOT, USDE, USFS, USDA, Veren, Inc, DigitalGlobe, Earthstar Geographics, CNES/Airbus DS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo

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Map 97

Attachment C-2
Proposed Route Location Maps
Malheur County

Map 97
MALHEUR COUNTY

Oregon Trail Tub
Mountain ACEC

Proposed Route

Project Features
- Site Boundary
- Transmission Centerline
- Mileposts
  - Mile
  - Tenth-mile
- Work Areas
  - Pulling and Tensioning
  - Structure Work Area
  - Access
  - New Road, Bladed
  - New Road, Primitive

Important Siting
- Constraints and Other Features
  - 100-foot Contours
  - Other Road
  - Protected Area (EFSC)
  - VRM 2
- Land Status
  - Bureau of Land Management

Source(s): BLM, IPC, ODOT, USFS, USDA, USGS, ODFW, ODOT, NPS, USDA, USGS, geoengineers, Gates, Ens. DigitalGlobe, GeoEye,
GeoEye

ORGEON MAP

Malheur County

Map 98

Attachment C-2
Proposed Route Location Maps

Boardman to Hemingway Transmission Line Project
Application for Site Certificate

Malheur County

Map 98

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Attachment C-2
Proposed Route Location Maps
Malheur County
Map 99
Double Mountain Alternative

Project Features

- Site Boundary
- Alternative
- Transmission Centerline

Mileposts
- Existing Road
- Substantial Modification
- Improvements

Access
- Existing Road
- Substantial Modification
- Improvements

Work Areas
- Pulling and Tensioning
- Structure Work Area

Land Status
- Bureau of Land Management
- Private

100-foot Contours

Other Road

Project Location

Malheur County

Attachment C-2
Proposed Route Location Maps

Boardman to Hemingway Transmission Line Project
Application for Site Certificate

Source(s): BLM, IPC, ODOT, NPS, USDA, USGS, Ventyx, Esri, DigitalGlobe, Earthstar Geographics, CNES/Airbus DS, AEX, GeoEye, IGN, IGP, swisstopo

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Malheur County

Bully Creek

Sec. 17

18S
43E

Proposed Route

Project Features

- Site Boundary
- Transmission Centerline
- Mile
- Tenth-mile

Work Areas

- Pulling and Tensioning
- Structure Work Area

Access

- Existing Road, Substantial Modification, 71-100% Improvements
- New Road, Bladed
- New Road, Primitive

Constraints and Other Features

- 100-foot Contours
- Stream

Land Status

- Bureau of Land Management
- Bureau of Reclamation

Attachment C-2
Proposed Route Location Maps
Malheur County

Map 105
Malheur River
Malheur County
Vale Oregon
Farmers Ditch
Malheur Canyon
Vine Ditch
Malheur River
Sec. 32
Sec. 44
Sec. 55
Sec. 9
18S 43E
19S 43E
18S 43E
19S 43E
Proposed Route
LDFY MA-02

Project Features
- Site Boundary
- Transmission Centerline
- Mileposts
- Tenth-mile
- Work Areas
- Light Duty Fly Yard
- Pulling and Tensioning
- Structure Work Area

Access
- Existing Road
- Substantial Modification: 21-70% Improvements
- New Road, Bladed
- New Road, Primitive
- Important Siting
- Contours and Other Features
- 100-foot Contours
- Stream

Land Status
- Bureau of Land Management
- Bureau of Reclamation
- Private

Attachment C-2
Proposed Route Location Maps
Malheur County
Map 107
Double Mountain Alternative
(See Attachment C-3 Maps 15-19)

Project Features
- Site Boundary
- Alternative
- Transmission Centerline Mileposts
  - Mile
  - Tenth mile
- Work Areas
  - Pulling and Tensioning
  - Structure Work Area
  - Access
- New Road, Bladed

Important Siting
- Constraints and Other Features
- 100-foot Contours
- Stream
- VRM 3

Land Status
- Bureau of Land Management
- Private

Source(s): BLM, IPC, ODOT, USFS, USDA, USGS, NPS, USDA, EPA

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Boardman to Hemingway Transmission Line Project
Application for Site Certificate

Attachment C-2
Proposed Route Location Maps
Malheur County
Map 111

Project Features
- Site Boundary
- Alternative
- Transmission Centerline

Access
- Existing Road
- Substantial Modification, 21-70% Improvements
- New Road, Bladed

Important Siting Constraints and Other Features
- 100-foot Contours
- Other Road
- Stream

Wilderness Characteristic Unit Meeting Wilderness Criteria

Land Status
- Bureau of Land Management
- Private

Source(s): BLM, IPC, ODOT, BLM, NF, USDA, USGS, Verao, Ecotrust, Geodyna, Interglobe Geographics, CNES/Airbus DS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo

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Double Mountain Alternative (See Attachment C-3, Maps 15-19)

Proposed Route

Section 17

Section 16

Section 7

Section 6

20S 45E

20S 44E

245

246

247

Malheur County

Application for Site Certificate

Source(s): BLM, IPC, ODOT, NFS, USDA, USGS, Veren, Env, DigitalGlobe, Geology,

Sartheo Geography, CBOG/Oregon/O, AEX, AEX, GoogleMap, Arcgis, 2018, ESRI, GIF version

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Map 113

Attachment C-2

Proposed Route Location Maps

Malheur County

Map 113
Project Features

- Site Boundary
- Transmission Centerline
- Mileposts
  - Mile
  - Tenth-mile
- Work Areas
  - Pulling and Tensioning
  - Structure Work Area
- Access
- Existing Road, Substantial Modification, 21-70% Improvements
- New Road, Bladed
- New Road, Primitive Important Siting

- 100-foot Contours
- Other Road
- Stream

Land Status

- Bureau of Land Management

Source(s): BLM, IPC, ODOT, USDA, USGS, Versys, Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, AEX, getmapping, Aerogrid, IGN, IGP, swisstopo

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Project Features:
- Site Boundary
- Transmission Centerline Mileposts
  - Mile
  - Tenth-mile
- Work Areas
  - Pulling and Tensioning
  - Structure Work Area
  - Access
- Existing Road, Substantial Modification, 71-100% Improvements
- Existing Road, Substantial Modification, 21-70% Improvements
- New Road, Bladed
- New Road, Primitive
- Important Siting Constraints and Other Features
  - 100-foot Contours
  - Other Road
  - Stream
- Land Status
  - Bureau of Land Management
  - Private

Source(s): BLM, IPC, ODOT, USFWS, USFS, USDA, USBR, Versar, Inc., DigitalGlobe, GeoEye, Garmin, GeoEye Geographics, CNES/Airbus DS, AEX, Aerogrid, IGN, swisstopo
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Proposed Route Location Maps

Boardman to Hemingway Transmission Line Project
Application for Site Certificate

Attachment C-2
Proposed Route Location Maps
Malheur County
Map 116
Project Features
- Site Boundary
- Transmission Centerline
- Mile
- Tenth-mile
- Work Areas
  - Pulling and Tensioning
  - Structure Work Area
  - Access
- Existing Road, Substantial Modification, 21-70% Improvements
- New Road, Bladed
- New Road, Primitive

Important Siting Constraints and Other Features
- 100-foot Contours
- Existing Transmission Lines
- Other Road
- Stream

Existing Road, Substantial Modification, 71-100% Improvements

Site:
- US Bureau of Reclamation
- Horse Creek Solar Center-Owyhee Dam

Siting:
- Vale District (BLM) Utility Corridor
- VRM 3
- Land Status
  - Bureau of Land Management
  - Bureau of Reclamation
  - Private

Access:
- Existing Road, Substantial Modification, 21-70% Improvements

Work Area:
- Pulling and Tensioning
- Structure Work Area
- Access

Transmission Centerline:
- Mile
- Tenth-mile

BLM:
- Oregon, USA

Map 118

Attachment C-2
Proposed Route Location Maps
Malheur County
Malheur County

Attachment C-2
Proposed Route Location Maps
Malheur County
Map 119

MALHEUR COUNTY
South Canal
Succor Creek
Sec. 10
Sec. 11
Sec. 12
23S 46E
268
267
Proposed Route

Project Features
- Site Boundary
- Transmission Centerline
- Mileposts
- Tenth-mile Work Areas
- Pulling and Tensioning
- Structure Work Area
- Existing Road, Substantial Modification, 21-70% Improvements
- New Road, Bladed
- New Road, Primitive
- Important Siting Constraints and Other Features
- 100-foot Contours
- Existing Transmission Lines
- Other Road
- Stream
- Vale District (BLM) Utility Corridor

Land Status
- Bureau of Land Management
- Bureau of Reclamation
- Private

Malheur County
Attachment C-2
Proposed Route Location Maps
Boardman to Hemingway Transmission Line Project
Application for Site Certificate
Source(s): BLM, IPC, ODOT, ODOT, USIA, USDA, USFS, USGS, USFWS, USDA, ODOT, DigitalGlobe, GeoEye, Getmapping, Aerogrid, IGN, IGP, swisstopo
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0 1,000 Feet
Map Area
OREGON
Attachment C-2
Proposed Route Location Maps
Malheur County
Map 124
Proposed Route Location Maps
Boardman to Hemingway Transmission Line Project
Application for Site Certificate

Attachment C-2
Proposed Route Location Maps
Malheur County
Map 125
ATTACHMENT C-3
ALTERNATIVE ROUTE LOCATIONS
Proposed Route
(See Attachment C-2)

MORROW COUNTY

NAVAL WEAPONS SYSTEMS
TRAINING FACILITY (NWSTF)
BOARDMAN

Sec. 30

Sec. 31

2N 26E

2N 26E

3N 26E

3N 25E

Sec. 25

Sec. 26

Sec. 28

Sec. 26

Sec. 1

West of Bombing Range Road Alternative 1

Map 1

Project Features
- Site Boundary
- Proposed Route
- Transmission Centerline
- Mile
  - Tenth-mile
- Work Areas
  - Pulling and Tensioning
  - Structure Work Area

Access
- Existing Road
- Substantial Modification
- 21.70% Improvements
- New Road
- Primitive
- Important Siting
- Constraints and Other Features
- 100-foot Contours
- Existing Transmission Line
- Pipeline
- Other Road
- Protected Area (EFSC)

Land Status
- Military Reservation or Corps of Engineers
- Private
- State or Local

Source(s): BLM, IPC, ODOT, ODOT, ODF, USDA, USGS, Versys, Env, DigitalGlobe, Globalyx, Geospatial Geographics, CDNSkunkW3, AEI, Geomapping America, 4iiii, USGS, Infertron

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Boardman to Hemingway Transmission Line Project
Application for Site Certificate

ATTACHMENT C-3

ALTERNATIVE LOCATION MAPS

West of Bombing Range Road Alternative 1
Morrow County

Map 1
Proposed Route
(See Attachment C-2)

MORROW COUNTY
NAVAL WEAPONS SYSTEMS
TRAINING FACILITY (NWSTF)
BOARDMAN
Sec. 1
Sec. 2
Sec. 3
Sec. 4
Sec. 5
Sec. 6
Sec. 7
Sec. 8
Sec. 9
Sec. 10
Sec. 11
Sec. 12
Sec. 13
Sec. 14
Sec. 15
Sec. 16
Sec. 17
Sec. 18
2N 26E
2N 25E
West of Bombing Range Road Alternative 1

Project Features
- Site Boundary
- Transmission Centerline Mileposts
- Work Areas
- Pulling and Tensioning Structure Work Area
- Important Siting Constraints and Other Features
- 100-foot Contours
- Existing Transmission Lines
- Oregon National Historic Trail (NHT)
- Pipeline
- Oregon NHT Intact Segment (1/4-mile buffer)
- Other Road
- Protected Area (EFSC)
- Military Reservation or Corps of Engineers
- Private

Access
- Existing Road
- Substantial Modification: 21-70% Improvements
- New Road, Primitive

Land Status
- Existing Road
- Oregon NHT Intact Segment (1/4-mile buffer)
- Protected Area (EFSC)
- Military Reservation or Corps of Engineers
- Private

Source(s): BLM, IPC, ODOT, ODOE, USDA, USGS, Versys, Inc., DigitalGlobe, Geonext, Sotheby's International, CNES/Airbus DS, AEX, Getmapping, Angiotech, 6DA, USGS workshop, Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final\ASC\Exhibits\C_Project Location\mapAttachment C-2(Asset)\REV 20180613.mxd

Attachment C-3
Alternative Location Maps
West of Bombing Range Road Alternative 1
Morrow County
Map 2

Provisional Route (See Attachment C-2)

MORROW COUNTY

NAVAL WEAPONS SYSTEMS TRAINING FACILITY (NWSTF) BOARDMAN

Sec. 12

2N 25E

Proposed Route

West of Bombing Range Road Alternative 2

Habitat Management Area (HMA)

Project Features
- Site Boundary
- Proposed Route
- Transmission Centerline

Miles
- Mile
- Tenths-mile
- Work Areas

Access
- Existing Road
- Substantial Modification, 21-70% Improvements
- New Road, Primitive

Important Siting
- Constraints and Other Features

100-foot Contours
- Existing Transmission Lines
- Oregon National Historic Trail (NHT)
- Pipelines

Other Road
- Oregon NHT Intact
- Segment (1/4-mile buffer)

Protected Area (EFSC)

Land Status
- Military Reservation or Corps of Engineers
- Private

Source(s): BLM, IPC, ODOT, BDOT, NFS, USA, UFSA, USPS, Versa, Evon, DigitalGlobe, Geology,
Garmin Geographics, CNES/Airbus DS, AEX, GeoEyes, Arup, ODI, GIF Workshop

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Attachment C-3
Alternative Location Maps
West of Bombing Range Road Alternative 2
Morrow County
Map 4
Project Features
- Site Boundary
- Proposed Route
- Transmission Centerline Mileage
  - Mile
  - Tenth-mile
- Work Areas
  - Pulling and Tensioning
  - Structure Work Area

Access
- Existing Road
- Substantial Modification, 21-70% Improvements
- New Road, Bladed
- New Road, Primitive

Important Sites
- Important Sites
- Siting and Other Features
  - 100-foot Contours
  - Existing Transmission Lines

Access
- Pipeline
- Other Road

Stream
- Wallowa-Whitman NF
- Utility Corridor (WA-17)
- Protected Area (EFSC)

Land Status
- Bureau of Land Management
- Forest Service
- Private
- State or Local Parks and Recreation or Wildlife

Source(s): BLM, IPC, ODEA, USFWS, USDA, VW, Veris, Envi, DigitalGlobe, GeoEye, Santee Geographics, CNES/Airbus, GI, GE, Verizon, Z:

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Project Features
- Site Boundary
- Proposed Route
- Transmission Centerline
- Mileposts
- Mile
- Tenth-mile
- Work Areas
- Pulling and Tensioning
- Structure Work Area

Access
- Existing Road
- Substantial Modification, 21-70% Improvements
- Existing Road
- Substantial Modification, 71-100% Improvements
- New Road, Bladed
- New Road, Primitive

Important Siting
- 100-foot Contours

Other Features
- Existing Transmission Lines
- Pipeline
- Other Road
- Stream
- Land Status
- Private

Source(s): BLM, IPC, IDOT, USDA, USGS, County, Existing, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo

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Project Features
- Site Boundary
- Transmission Centerline
- Mile
- Tenth-mile

Work Areas
- Pulling and Tensioning
- Structure Work Area
- Access

Existing Road
- Substantial Modification, 71-100% Improvements
- New Road, Bladed
- New Road, Primitive

Important Siting
- 100-foot Contours
- Other Road
- Stream
- Glass Hill Rebarrow
- Forest
- Protected Area (EFSC)

Land Status
- Forest Service
- Private
- State or Local Parks and Recreation or Wildlife

Source(s): BLM, IPC, ODOT, USFWS, USGS, USFS, USDA, USGS, Versys, Esri, DigitalGlobe, GeoEye, EarthStar Geographics, CNES/Airbus DS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo

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Project Features
- Site Boundary
- Proposed Route
- Transmission Centerline

Mileposts
- Mile
- Tenth-mile

Work Areas
- Pulling and Tensioning
- Structure Work Area

Access
- Existing Road
- Substantial Modification, 21-70% Improvements
- New Road, Bladed
- New Road, Primitive

Important Siting
- Contouring and Other Features
- 100-foot Contours
- Existing Transmission Lines

Stream

Land Status
- Forest Service
- Private

Source(s): BLM, IPC, ODOT, USS, USDA, USGS, Ventyx, Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo

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**Project Features**

- Site Boundary
- Proposed Route
- Work Areas
- Multi-Use Area
- Important Siting Constraints and Other Features
- 100-foot Contours
- Existing Transmission Lines
- Oregon National Historic Trail (NHT)

**Important Features**

- Pipeline
- Interstate
- Other Road
- Stream
- Oregon NHT Intact Segment (1/4-mile buffer)
- Protected Area (EFSC)
- Land Status
- Private
- State or Local Parks and Recreation or Wildlife

**Map Area**

- Boardman to Hemingway Transmission Line Project
- Application for Site Certificate

**Attachment C-3**

Alternative Location Maps

Morgan Lake Alternative
Union County

**Map 14**

Source(s): BLM, IPC, ODOT, NFS, USA, USDA, USDA, Versy, Evol, DigitalGlobe, Geology, Sentinel Geographics, CNES/Airbus DS, ArcGIS, GeoEye, GeoEyes
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Double Mountain Alternative

Project Features
- Site Boundary (Alternative Route)
- Site Boundary (Proposed Route)
- Transmission Centerline
- Mile
- Tenth-mile
- Work Areas
- Pulling and Tensioning
- Structure Work Area
- Access
- Existing Road
- Substantial Modification, 0-20% Improvements
- Existing Road
- Substantial Modification, 21-50% Improvements
- New Road, Bladed
- New Road, Primitive
- Important Siting
- Compliance and Other Features
- 100-foot Contours
- Other Road

Source(s): BLM, IPC, ODOT, ODF, USDA, USGS, Vacary, Eagle, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo

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Attachment C-3
Alternative Location Maps
Double Mountain Alternative
Malheur County
Map 15
Double Mountain Alternative

Project Features
- Site Boundary (Alternative Route)
- Transmission Centerline
- Mileposts
- Tenths mile
- Work Areas
- Pulling and Tensioning
- Structure Work Area

Access
- Existing Road, Substantial Modification, 21-70% Improvements
- Existing Road, Substantial Modification, 71-100% Improvements
- New Road, Bladed
- New Road, Primitive

Important Sites
- Refuges
- Other Features
- 100-foot Contours
- Other Road

Features
- Stream
- Wilderness Characteristic Unit Meeting Wilderness Criteria
- Land Status
  - Bureau of Land Management
  - Private

Source(s): BLM, IPC, ODOT, USFS, USDA, USGS, Orego, Ordnance, DigitalGlobe, Earthstar Geographics,
Santéé Geographic, CNES/Airbus, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo

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Boardman to Hemingway Transmission Line Project Application for Site Certificate
Attachment C-3
Alternative Location Maps
Double Mountain Alternative Malheur County
Map 16

ODOE - B2HAPPDoc3-4 ASC 03_Exhibit C_Project_Location_ASC 2018-09-28. Page 190 of 193
Figure 4-1
RFA1 Site Boundary Changes
Little Juniper Canyon
Morrow County

Map 1

- **Project Features**
  - New RFA1 Site Boundary
  - Site Boundary Approved in Site Certificate
  - Transmission Centerline (Revised Alignment)

- **Access**
  - Existing Road, Substantial Modification, 21-70% Improvements
  - New Road, Bladed
  - New Road, Primitive

- **Work Areas**
  - Pulling and Tensioning
  - Structure Work Area

- **Important Siting Constraints and Other Features**
  - 20-ft Contours
  - Streams
  - Public Roads

- **Land Status**
  - Private

Note: Not intended for construction or any uses other than intended purpose.

Project features current as of March 9, 2023.

Data Sources:
- BLM, Esri, NPS, ODOT, USGS, Velocity

Imagery:
- Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

1,000 Feet

Map Area
Figure 4-1
RFA1 Site Boundary Changes
True Blue Gulch
Baker County
Map 2

Project Features
- New RFA1 Site Boundary
- Site Boundary Approved in Site Certificate
- Transmission Centerline (Revised Alignment)

Access
- Existing Road, Substantial Modification, 71-100% Improvements
- New Road, Bladed Work Areas
  - Pulling and Tensioning Structure Work Area
  - Important Siting Constraints and Other Features
    - 20-ft Contours
    - Stream
    - Elk Winter Range
    - VRM Class 2

Notes:
- Not intended for construction or any uses other than intended purpose.
- Project features current as of March 9, 2023.

Data Source(s):
- BLM, Esri, NPS, ODOT, USGS, Velocity Imagery

Map Area

1,000 Feet

Legend:
- Project Location
- Existing Road
- Substantial Modification, 71-100% Improvements
- New Road, Bladed Work Areas
- Pulling and Tensioning Structure Work Area
- Important Siting Constraints and Other Features
- 20-ft Contours
- Stream
- Elk Winter Range
- VRM Class 2

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Figure 4-1
RFA1 Site Boundary Changes
True Blue Gulch
Baker County

Map 3

Project Features
- New RFA1 Site Boundary
- Site Boundary Approved in Site Certificate
- Transmission Centerline (Revised Alignment)

Access
- Existing Road, Substantial Modification, 71-100% Improvements
- New Road, Bladed
- New Road, Primitive

Work Areas
- Pulling and Tensioning
- Structure Work Area

Important Siting Constraints and Other Features
- 20-ft Contours
- Stream
- Public Roads
- Elk Winter Range

Land Status
- Bureau of Land Management
- Private

Notes:
- Not intended for construction or any uses other than intended purpose.
- Project features current as of March 9, 2023.
- Data Sources:
  - BLM, Esri, NPS, ODOT, USGS, Velocity Imagery

Legend:
- Sources: Esri, Maxar, Earthstar Geographics, and the GIS User Community
True Blue Gulch
Baker County

Map 4

Project Features
- New RFA1 Site Boundary
- Site Boundary Approved in Site Certificate
- Transmission Centerline (Revised Alignment)

Access
- Existing Road, Substantial Modification, 21-79% Improvements
- Existing Road, Substantial Modification, 71-100% Improvements
- New Road, Bladed

Work Areas
- Pulling and Tensioning
- Structure Work Area

Important Siting Constraints and Other Features
- 20-ft Contours
- Stream
- Elk Winter Range

Notes:
- Not intended for construction or any uses other than intended purpose.
- Project features current as of March 9, 2023.

Data Sources:
- BLM, Esri, NPS, ODOT, USGS, Velocity Imagery

Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

Map

Boardman to Hemingway Transmission Project
Request for Amendment 1

Figure 4-1
RFA1 Site Boundary Changes

True Blue Gulch
Baker County

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\05_RFA1\Exhibits\Project Location\FIG 4-1 RFA1 Site Boundary Changes_Alignment_MAPBOOK_20230502.mxd 5/2/2023
Figure 4-1
RFA1 Site Boundary Changes
Durbin Quarry
Baker County

Map 5

Project Features
- New RFA1 Site Boundary
- Site Boundary Approved in Site Certificate
- Transmission Centerline (Revised Alignment)

Access
- Existing Road, No Improvements Required
- Existing Road, Substantial Modification, 21-70% Improvements
- Existing Road, Substantial Modification, 71-100% Improvements
- New Road, Bladed
- New Road, Primitive

Work Areas
- Pulling and Tensioning
- Structure Work Area

Important Siting Constraints and Other Features
- 20-ft Contours
- Existing Transmission Line

Notes
- Not intended for construction or any uses other than intended purpose
- Project features current as of March 9, 2023

Data Sources:
- BLM, Esri, NPS, ODOT, USGS, Velocity
- Imagery: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

Legend:
- Pipeline
- Stream
- Oregon National Historic Trail (NHT)
- Interstate
- Highway
- Public Roads
- Railroad
- Elk Winter Range
- Sage-grouse Core Areas and Habitat (ODFW)
- Core Area
- Low Density Land Status
- Bureau of Land Management
- Private
- Designated Utility Corridor

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\05_RFA1\Exhibits\Project Location\FIG 4-1 RFA1 Site Boundary Changes_Alignment_MAPBOOK_20230502.mxd 5/2/2023

Map Area

1,000 Feet
Figure 4-1
RFA1 Site Boundary Changes

Baker County

Map 6

Project Features
- New RFA1 Site Boundary
- Site Boundary Approved in Site Certificate
- Transmission Centerline (Revised Alignment)
- Access
  - New Road, Bladed

Work Areas
- Pulling and Tensioning
- Structure Work Area

Important Siting Constraints and Other Features
- 20-ft Contours
- Oregon National Historic Trail (NHT)
- Pipeline
- Stream
- Sage-grouse Core Areas and Habitat (ODFW)
- Elk Winter Range
- Designated Utility Corridor

Notes:
- Not intended for construction or any uses other than intended purpose.
- Project features current as of March 9, 2023.

Data Source(s):
- BLM, Esri, NPS, ODOT, USGS, Velocity
- Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

Map: Oregon, USA Elevation/Geographic

See ASC Attachment C-2 Maps 91 and 92 for more detail.
Figure 4-2
RFA1 Site Boundary Changes

Access Roads
Morrow County

Map 1

Project Features
- New RFA1 Site Boundary
- Site Boundary Approved in Site Certificate

Access
- New Road, Bladed
- New Road, Primitive

Important Siting Constraints and Other Features
- 20-ft Contours
- Existing Transmission Line
- Pipeline
- Stream
- Oregon National Historic Trail (NHT)
- Public Roads
- Habitat Management Area (HMA)

Land Status
- Military Reservation or Corps of Engineers
- Private

Notes:
- Not intended for construction or any uses other than intended purpose.
- Project features current as of March 9, 2023.

Data Sources:
- BLM, Esri, NPS, ODOT, USGS, Velocity

Imagery:
- Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

Map Area

1,000
Feet

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Z:\UtilServ\Boardman_Hemingway\Reports\RFA1_Oregon_Energy_Siting_Council\RFA1\Exhibits\Project\RFA1\Exhibits\Project\Exhibits\RFA1\Site_Boundary_Changes\Access\FIG 4-2 RFA1_Site Boundary Changes_Access_MAPBOOK_20230502.mxd 5/2/2023
Figure 4-2
RFA1 Site Boundary Changes

Access Roads Morrow County

Map 2

Project Features
- New RFA1 Site Boundary
- Site Boundary Approved in Site Certificate

Access
- New Road, Bladed

Important Siting Constraints and Other Features
- 20-ft Contours
- Existing Transmission Line
- Pipeline
- Stream
- Public Roads
- Habitat Management Area (HMA)

Land Status
- Military Reservation or Corps of Engineers
- Private

Notes:
- Not intended for construction or any uses other than intended purpose.
- Project features current as of March 9, 2023.

Data Sources:
- BLM, Esri, NPS, ODOT, USGS, Velocity

Imagery:
- Esri, Maxar, Earthstar Geographics, and the GIS User Community
Figure 4-2
RFA1 Site Boundary Changes

Access Roads
Morrow County

Map 3

Project Features
- New RFA1 Site Boundary
- Site Boundary Approved in Site Certificate

Access
- Existing Road, Substantial Modification, 21-70% Improvements
- New Road, Bladed
- New Road, Primitive

Important Siting Constraints and Other Features
- 20-ft Contours
- Stream
- Public Roads

Land Status
- Private

Notes:
- Not intended for construction or any uses other than intended purpose.

Data Sources:
- BLM, Esri, NPS, ODOT, USGS, Velocity

Map Imagery:
- Geospatial Data, Esri, Earthstar Geographics, and the GIS User Community
Figure 4-2
RFA1 Site Boundary Changes

Access Roads
Morrow County

Map 4

Project Features
- New RFA1 Site Boundary
- Site Boundary Approved in Site Certificate

Access
- New Road, Bladed
- New Road, Primitive

Important Siting Constraints and Other Features
- 10-ft Contours
- Stream
- Public Roads

Land Status
- Private

Notes:
- Not intended for construction or any uses other than intended purpose.
- Project features current as of March 9, 2023.

Data Sources:
- BLM, Esri, NPS, ODOT, USGS, Velocity

Imagery:
- SOURCE: Esri, Maxar, Earthstar Geographics, and the GIS User Community

Access Roads Morrow County

Notes:
- Not intended for construction or any uses other than intended purpose.
- Project features current as of March 9, 2023.

Data Sources:
- BLM, Esri, NPS, ODOT, USGS, Velocity

Imagery:
- SOURCE: Esri, Maxar, Earthstar Geographics, and the GIS User Community
Figure 4-2
RFA1 Site Boundary Changes

Access Roads
Umatilla County

Map 5

Project Features
- New RFA1 Site Boundary
- Site Boundary Approved in Site Certificate

Access
- Existing Road, Substantial Modification, 21-70% Improvements

Important Siting
Constraints and Other Features
- 20-ft Contours
- Stream
- Public Roads
- Land Status
- Private

Notes:
- Not intended for construction or any uses other than intended purpose.
- Project features current as of March 9, 2023.

Data Sources:
- BLM, Esri, NPS, ODOT, USGS, Velocity

Imagery:
- Sector Coi, Wace, Earthstar Geographics, and the GIS User Community

Map Area

Legend

2,000 Feet
Figure 4-2
RFA1 Site Boundary Changes

Access Roads
Umatilla County

Map 6

Project Features
- New RFA1 Site Boundary
- Site Boundary Approved in Site Certificate

Access
- New Road, Bladed

Important Siting Constraints and Other Features
- 20-ft Contours
- Stream
- Public Roads

Land Status
- Private

Notes:
- Not intended for construction or any uses other than intended purpose.

Project features current as of March 9, 2023.

Data Source(s):
BLM, Esri, NPS, ODOT, USGS, Velocity

Imagery:
Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

Feet

Map Area

Oregon
Salem

1,000

Figure 4-2
RFA1 Site Boundary Changes

People and communities benefit from reliable, affordable energy that powers their lives. Please contact us to learn more about how Idaho Power can help meet your energy needs.

For more information, visit www.idahopower.com
Figure 4-2
RFA1 Site Boundary Changes

Access Roads
Umatilla County

Map 8

Project Features
- New RFA1 Site Boundary
- Site Boundary Approved in Site Certificate

Access
- New Road, Bladed

Important Siting Constraints and Other Features
- 20-ft Contours
- Stream
- Public Roads
- Elk Winter Range

Land Status
- Private

Notes:
Not intended for construction or any uses other than intended purpose.

Project features current as of March 9, 2023.

Data Sources:
BLM, Esri, NPS, ODOT, USGS, Velocity Imagery
Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

Boardman to Hemingway Transmission Project
Request for Amendment 1

See ASC Attachment C-2 Maps 31 and 32 for more detail

See ASC Attachment C-2 Map 33 for more detail

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\05_RFA1\Exhibits\Project Location\FIG 4-2 RFA1 Site Boundary Changes_Acrocon_MAPBOOK_20230502.mxd 5/2/2023
Figure 4-2
RFA1 Site Boundary Changes
Access Roads
Umatilla County

Map 9

Project Features
- New RFA1 Site Boundary
- Site Boundary Approved in Site Certificate

Access
- New Road, Bladed

Important Siting Constraints and Other Features
- 20-ft Contours
- Stream
- Public Roads
- Elk Winter Range

Land Status
- Private

Notes:
- Not intended for construction or any use other than intended purpose.
- Project features current as of March 9, 2023.
- Data Source(s):
  - BLM, Esri, NPS, ODOT, USGS, Velocity
  - Imagery: Esri, Maxar, Earthstar Geographics, and the GIS User Community

Map
- Umatilla County
- Access Roads
- Rocky Ridge
- Porter Hill
- Ray Creek
- Wegner Creek
- Public Roads

1,000 Feet

Map Area

Source: Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\05_RFA1\Exhibits\Project Location\FIG 4-2 RFA1 Site Boundary Changes_Access_MAPBOOK_20230502.mxd 5/2/2023
Figure 4-2
RFA1 Site Boundary Changes

Access Roads
Umatilla County

Map 10

Project Features
- New RFA1 Site Boundary
- Site Boundary Approved in Site Certificate

Access
- Existing Road, Substantial Modification, 21-70% Improvements

Important Siting Constraints and Other Features
- 20-ft Contours
- Streams
- Public Roads
- Elk Winter Range

Land Status
- Private

Notes:
- Not intended for construction or any uses other than intended purpose.
- Project features current as of March 9, 2023.

Data Sources:
- BLM, ESRI, NPS, ODOT, USGS, Velocity
- Imagery:
  - Vector Data: Esri, Earthstar Geographics, and the GIS User Community
  - RGB Imagery: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

Map 10

Boardman to Hemingway Transmission Project
Request for Amendment 1

See ASC Attachment C-2 Maps 42 and 43 for more detail

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\05_RFA1\Exhibits\Project Location\FIG 4-2 RFA1 Site Boundary Changes_Acions_MAPBOOK_20230502.mxd 5/2/2023
Figure 4-2
RFA1 Site Boundary Changes

Access Roads
Umatilla County

Map 11

Project Features
- New RFA1 Site Boundary
- Site Boundary Approved in Site Certificate

Access
- New Road, Bladed

Important Siting Constraints and Other Features
- 20-ft Contours
- Stream
- Public Roads
- Railroad

Land Status
- Indian Reservation
- Private

Notes:
- Not intended for construction or any uses other than intended purpose.
- Project features current as of March 9, 2023.

Data Source(s):
- BLM, Esri, NPS, ODOT, USGS, Velocity

Imagery:
- Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community
Figure 4-2
RFA1 Site Boundary Changes

Access Roads
Union County

Map 13

Project Features
- New RFA1 Site Boundary
- Site Boundary Approved in Site Certificate

Access
- New Road, Bladed

Important Siting Constraints and Other Features
- 20-ft Contours
- Existing Transmission Line
- Pipeline
- Stream
- Oregon National Historic Trail (NHT)
- Interstate
- Public Roads
- Railroad
- Protected Roads (EPSC)
- Elk Winter Range

Land Status
- Bureau of Land Management
- Forest Service
- Private
- State or Local Parks and Recreation or Wilderness
- Designated Utility Corridor

Notes:
- Not intended for construction or any uses other than intended purpose.
- Project features current as of March 9, 2023.

Data Sources:
- BLM, Esri, NPS, ODOT, USGS, Velocity Imagery:
  - Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

Map
- Area
- Boardman to Hemingway Transmission Project
- Request for Amendment 1
- Map 13

Project Features
- New RFA1 Site Boundary
- Site Boundary Approved in Site Certificate
Figure 4-2

RFA1 Site Boundary Changes

Map 14

Project Features:
- New RFA1 Site Boundary
- Site Boundary Approved in Site Certificate

Access:
- Existing Road, Substantial Modification, 21-70% Improvements

Important Siting Constraints and Other Features:
- 20-ft Contours
- Existing Transmission Line
- Pipeline
- Stream
- Oregon National Historic Trail (NHT)
- Public Roads
- Protected Area (EFSC)
- Elk Winter Range

Land Status:
- Bureau of Land Management
- Forest Service
- Private
- State or Local Parks and Recreation or Wildlife
- Designated Utility Corridor

Notes:
- Not intended for construction or any uses other than intended purpose.
- Project features current as of March 9, 2023.

Data Sources:
- BLM, Esri, NPS, ODOT, USGS, Velocity Imagery
- Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

Map Area

Boardman to Hemingway Transmission Project
Request for Amendment 1
Figure 4-2
RFA1 Site Boundary Changes

Access Roads
Union County

Map 15

Project Features
- New RFA1 Site Boundary
- Site Boundary Approved in Site Certificate

Access
- New Road, Bladed

Important Siting Constraints and Other Features
- 20-ft Contours
- Pipeline
- Stream
- Public Roads
- Morgan Lake Park
- Elk Winter Range

Land Status
- Private

Notes:
- Not intended for construction or any uses other than intended purpose.
- Project features current as of March 9, 2023.

Data Sources:
- BLM, Esri, NPS, ODOT, USGS, Velocity

Imagery:
- GeoEye, Inc., Esri, Earthstar Geographics, and the GIS User Community

Map Area

OR

O R E G O N

Salem

1,000 Feet

1/160 UN-236

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\05_RFA1\Exhibits\Project Location\FIG 4-2 RFA1 Site Boundary Changes_Access_MAPBOOK_20230502.mxd 5/2/2023
Boardman to Hemingway Transmission Project
Request for Amendment 1

Figure 4-2
RFA1 Site Boundary Changes
Access Roads
Union County
Map 16

Project Features
- New RFA1 Site Boundary
- Site Boundary Approved in Site Certificate

Access
- New Road, Bladed

Important Siting Constraints and Other Features
- 20-ft Centrines
- Existing Transmission Line
- Pipeline
- Stream
- Oregon National Historic Trail (NHT)
- Interstate
- Public Roads
- Ebk Winter Range

Land Status
- Private

Notes:
- Not intended for construction or any uses other than intended purpose.
- Project features current as of March 9, 2023.

Data Sources:
- BLM, Esri, NPS, ODOT, USGS, Velocity

Imagery:
- Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

This map is intended for general information purposes only and may not be suitable for detailed site or construction planning. The information provided is subject to change and may not be accurate or complete. Consult the appropriate authorities for all necessary permits and approvals.

Map Area

Boardman to Hemingway Transmission Project
Request for Amendment 1

Figure 4-2
RFA1 Site Boundary Changes
Access Roads
Union County
Map 16

Project Features
- New RFA1 Site Boundary
- Site Boundary Approved in Site Certificate

Access
- New Road, Bladed

Important Siting Constraints and Other Features
- 20-ft Centrines
- Existing Transmission Line
- Pipeline
- Stream
- Oregon National Historic Trail (NHT)
- Interstate
- Public Roads
- Ebk Winter Range

Land Status
- Private

Notes:
- Not intended for construction or any uses other than intended purpose.
- Project features current as of March 9, 2023.

Data Sources:
- BLM, Esri, NPS, ODOT, USGS, Velocity

Imagery:
- Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

This map is intended for general information purposes only and may not be suitable for detailed site or construction planning. The information provided is subject to change and may not be accurate or complete. Consult the appropriate authorities for all necessary permits and approvals.

Map Area
Figure 4-2
RFA1 Site Boundary Changes

Access Roads
Union County

Map 17

Project Features
- New RFA1 Site Boundary
- Site Boundary Approved in Site Certificate

Access
- New Road, Bladed

Important Siting
Constraints and Other
Features
- 20-ft Contours
- Existing Transmission Line
- Stream
- Public Roads
- Elk Winter Range

Land Status
- Private

Note:
Some listed for construction or any uses other than intended purpose.

Data Source(s):
BLM, Esri, NPS, ODOT, USGS, Velocity

Imagery:
Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

Map Area

1,000 Feet

Figure 4-2
RFA1 Site Boundary Changes

Map 17

Project Features
- New RFA1 Site Boundary
- Site Boundary Approved in Site Certificate

Access
- New Road, Bladed

Important Siting
Constraints and Other
Features
- 20-ft Contours
- Existing Transmission Line
- Stream
- Public Roads
- Elk Winter Range

Land Status
- Private

Note:
Some listed for construction or any uses other than intended purpose.

Data Source(s):
BLM, Esri, NPS, ODOT, USGS, Velocity

Imagery:
Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

Map Area

1,000 Feet
Figure 4-2
RFA1 Site Boundary Changes

Access Roads
Baker County

Map 18

Project Features
- New RFA1 Site Boundary
- Site Boundary Approved in Site Certificate

Access
- New Road, Bladed

Important Siting Constraints and Other Features
- 20-ft Centraxes
- Existing Transmission Line

Map Features:
- Major 300, WPS, ODOT, USGS, Velocity Imagery

Notes:
- Not intended for construction or any uses other than intended purpose.
- Project features current as of March 9, 2023.
- Data Source(s):
  - BLM, Esri, NPS, ODOT, USGS, Velocity

Legend:
- Private
- Public Roads
- Land Status
- Interstate
- Stream
- 20-ft Centraxes
- Existing Transmission Line
- New Road, Bladed
**Figure 4-2**

**RFA1 Site Boundary Changes**

**Access Roads**

**Baker County**

**Map 19**

**Project Features**
- New RFA1 Site Boundary
- Site Boundary Approved in Site Certificate

**Access**
- Existing Road, Substantial Modification, 21-70% Improvements
- New Road, Bladed
- New Road, Primitive

**Important Siting Constraints and Other Features**
- 20-ft Contours
- Existing Transmission Line
- Pipeline
- Stream
- Interstate
- Public Roads
- Railroad
- Sage-grouse Core Areas and Habitat (ODFW)

**Notes**
- Not intended for construction or any uses other than intended purpose.
- Project features current as of March 9, 2023.

**Data Sources**
- BLM, Esri, NPS, ODOT, USGS, Velocity Imagery

**Source:** Esri, Maxar, Earthstar Geographics, and the GIS User Community
Boardman to Hemingway Transmission Project
Request for Amendment 1

Figure 4-2
RFA1 Site Boundary Changes

Access Roads
Baker County

Map 21

Project Features
- New RFA1 Site Boundary
- Site Boundary Approved in Site Certificate

Access
- New Road, Bladed

Important Siting Constraints and Other Features
- 20-ft Contours
- Existing Transmission Line
- Pipeline
- Stream
- Oregon National Historic Trail (NHT)
- Interstate
- Public Roads
- Railroad
- Elk Winter Range
- Sage-grouse Core Areas and Habitat (ODFW)

Land Status
- Bureau of Land Management
- Private
- Designated Utility Corridor

Notes:
- Not intended for construction or any uses other than intended purpose
- Project features current as of March 9, 2023

Data Sources:
- BLM, Esri, NPS, ODOT, USGS, Velocity

Imagery:
- Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

Map Area

[Map of Boardman to Hemingway Transmission Project]
Figure 4-2
RFA1 Site Boundary Changes

Access Roads
Baker County

Map 22

Project Features
- New RFA1 Site Boundary
- Site Boundary Approved in Site Certificate

Access
- Existing Road, Substantial Modification, 71-100% Improvements
- New Road, Bladed

Important Siting Constraints and Other Features
- 20-ft Contours
- Stream
- Public Roads
- Elk Winter Range
- VRM Class 2

Land Status
- Bureau of Land Management
- Private

Notes:
- Not intended for construction or any uses other than intended purpose.
- Project features current as of March 9, 2023.

Data Source(s):
- BLM, Esri, NPS, ODOT, USGS, Velocity

Imagery:
- Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

Map Area

Boardman to Hemingway
Transmission Project
Request for Amendment 1

Access Roads
Baker County

Project Features
- New RFA1 Site Boundary
- Site Boundary Approved in Site Certificate

Access
- Existing Road, Substantial Modification, 71-100% Improvements
- New Road, Bladed

Important Siting Constraints and Other Features
- 20-ft Contours
- Stream
- Public Roads
- Elk Winter Range
- VRM Class 2

Land Status
- Bureau of Land Management
- Private

Notes:
- Not intended for construction or any uses other than intended purpose.
- Project features current as of March 9, 2023.

Data Source(s):
- BLM, Esri, NPS, ODOT, USGS, Velocity

Imagery:
- Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

Map Area
Figure 4-2
RFA1 Site Boundary Changes

Access Roads
Baker County

Map 23

Project Features
- New RFA1 Site Boundary
- Site Boundary Approved in Site Certificate

Access
- Existing Road, No Improvements Permitted
- Existing Road, Substantial Modification, 21-70% Improvements
- Existing Road, Substantial Modification, 71-100% Improvements

Important Siting Constraints and Other Features
- 20-ft Contours
- Stream
- Public Roads
- VRM Class 2

Land Status
- Bureau of Land Management
- Private

Note:
- Only needed for construction or any uses other than intended purpose.
- Project features current as of March 9, 2023.

Data Sources:
BLM, Esri, NPS, ODOT, USGS, Velocity

Imagery:
Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community
Figure 4-2
RFA1 Site Boundary Changes

Access Roads
Baker County

Map 24

Project Features
- New RFA1 Site Boundary
- Site Boundary Approved in Site Certificate

Access
- New Road, Bladed

Important Siting Constraints and Other Features
- 20-ft Contours
- Stream
- Public Roads
- Elk Winter Range

Land Status
- Bureau of Land Management
- Private

Notes:
- Not intended for construction or any uses other than intended purpose.
- Project features current as of March 9, 2023.

Data Sources:
- BLM, Esri, NPS, ODOT, USGS, Velocity

Imagery:
- Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

Boardman to Hemingway Transmission Project
Request for Amendment 1

Map Area

1,000 Feet
Figure 4-2
RFA1 Site Boundary Changes
Access Roads
Baker County
Map 25

Project Features
- New RFA1 Site Boundary
- Site Boundary Approved in Site Certificate

Access
- New Road, Bladed

Important Siting Constraints and Other Features
- 20-ft Contours
- Existing Transmission Line
- Stream
- Interstate
- Public Roads
- Railroad
- Elk Winter Range
- Sage-grouse Core Areas and Habitat (ODFW)
- Low Density
- Land Status
  - Bureau of Land Management
  - Private

Note:
- Designated Utility Corridor

Project features current as of March 9, 2023.

Data Sources:
- BLM, Esri, NPS, ODOT, USGS, Velocity Imagery

Legend:
- OREGON
- Boardman to Hemingway
- Transmission Project
- Request for Amendment 1
- Map 25

New RFA1 Site Boundary
Site Boundary Approved in Site Certificate

Map 25

Project Features

Access Roads
Baker County

Notes:
- Not intended for construction or any uses other than intended purpose.

1,000 Feet

Map Area

ORS 235.902 (2)(52)
Figure 4-2
RFA1 Site Boundary Changes
Access Roads
Baker County

Map 26

Project Features
- New RFA1 Site Boundary
- Site Boundary Approved in Site Certificate

Access
- Existing Road, Substantial Modification, 21-70% Improvements
- Existing Road, Substantial Modification, 71-100% Improvements
- New Road, Bladed

Important Siting Constraints and Other Features
- 20-ft Contours
- Existing Transmission Line
- Pipeline
- Stream
- Oregon National Historic Trail (NHT)
- Interstate
- Highways
- Public Roads
- Railroad

Map
- Elk Winter Range
- Sage-grouse Core Areas and Habitat (ODFW)
- Low Density
- Bureau of Land Management
- Private
- Designated Utility Corridor

Notes:
- Not intended for construction or any uses other than intended purpose.
- Project features current as of March 9, 2023.
- Data Source(s): BLM, Esri, NPS, ODOT, USGS, Velocity
- Imagery: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

Legend:
- 0.500 Feet
- Map Area

Map 26

Boardman to Hemingway
Transmission Project
Request for Amendment 1

Northwest Pipeline Corp
Goodman Creek
Blindet Gulch
Burnt River
Oregon National Historic Trail (NHT)
Interstate Highways
Public Roads
Railroad

Existing Ontario to Quartz 138 kV Pipeline
Existing Road
Existing Lime to Huntington 69 kV Transmission Line
20-ft Contours
Existing Road, Substantial Modification, 21-70% Improvements
Existing Road, Substantial Modification, 71-100% Improvements
New Road, Bladed

Note:
- Unplanned for construction on any uses other than intended purpose.

Project features current as of March 9, 2023.

Data Source(s):
- BLM, Esri, NPS, ODOT, USGS, Velocity
- Imagery:
  - Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

Map Area

Legend:
- Elk Winter Range
- Sage-grouse Core Areas and Habitat (ODFW)
- Low Density
- Bureau of Land Management
- Private
- Designated Utility Corridor
Figure 4-2
RFA1 Site Boundary Changes
Access Roads
Malheur County
Map 28

Project Features
- New RFA1 Site Boundary
- Site Boundary Approved in Site Certificate

Access
- Existing Road, Substantial Modification, 21-70% Improvements
- New Road, Bladed
- Important Siting Constraints and Other Features
  - 20-ft Contours
  - Existing Transmission Line
  - Pipeline
  - Stream
  - Oregon National Historic Trail (OHT)
  - Intersate
  - Highways
  - Public Roads
  - Protected Area (EFSC)
  - Elk Winter Range

VFM Class
- VFM Class 3
- Sage-grouse Core Areas and Habitat (ODFW)

Land Status
- Bureau of Land Management
- Private
- State or Local
- Designated Utility Corridor

Notes
- Not intended for construction or any uses other than intended purpose.
- Project features current as of March 9, 2023.
- Data Sources:
  - BLM, Esri, NPS, ODOT, USGS, Velocity Imagery

Map
- Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community
Figure 4-2  
RFA1 Site Boundary Changes

Access Roads
Malheur County

Map 29

Project Features
- New RFA1 Site Boundary
- Site Boundary Approved in Site Certificate

Access
- New Road, Bladed

Important Siting Constraints and Other Features
- 20-ft Contours
- Stream
- Public Roads
- Elk Winter Range

Land Status
- Bureau of Land Management

Notes:
- Not intended for construction or any uses other than intended purpose.
- Project features current as of March 9, 2023.

Data Sources:
- BLM, Esri, NPS, ODOT, USGS, Velocity Imagery
- Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community
Figure 4-2
RFA1 Site Boundary Changes

Access Roads
Malheur County

Map 30

Project Features
- New RFA1 Site Boundary
- Site Boundary Approved in Site Certificate

Access
- New Road, Primitive

Important Siting Constraints and Other Features
- 30-ft Contours
- Existing Transmission Line
- Stream
- Highways
- Public Roads
- VRM Class 3

Land Status
- Bureau of Land Management
- Bureau of Reclamation
- Private

Notes:
- Not intended for construction or any uses other than intended purpose.
- Project features current as of March 9, 2023.

Data Source(s):
- BLM, Esri, NPS, ODOT, USGS, Velocity Imagery

Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

See ASC Attachment C-2 Maps 100 and 101 for more detail.
Figure 4-2
RFA1 Site Boundary Changes

Access Roads
Malheur County

Map 31

Project Features
- New RFA1 Site Boundary
- Site Boundary Approved in Site Certificate

Access
- Existing Road, Substantial Modification, 21-70% Improvements

Important Siting Constraints and Other Features
- 10-ft Contours
- Streams
- Public Roads
- VRM Class 3

Land Status
- Bureau of Land Management
- Bureau of Reclamation
- Private

Notes:
- Not intended for construction or any uses other than intended purpose.
- Project features current as of March 9, 2023.

Data Source(s):
- BLM, Esri, NPS, ODOT, USGS, Velocity
- Imagery: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community
Figure 4-2
RFA1 Site Boundary Changes

Access Roads
Malheur County

Map 32

Project Features
- New RFA1 Site Boundary
- Site Boundary Approved in Site Certificate

Access
- New Road, Bladed

Important Siting Constraints and Other Features
- 20-ft Contours
- Stream
- Public Roads
- VRM Class 3

Land Status
- Bureau of Land Management
- Bureau of Reclamation
- Private

Notes:
- Not intended for construction or any uses other than intended purpose.
- Project features current as of March 9, 2023.
- Data Source(s): BLM, Esri, NPS, ODOT, USGS, Velocity

Map Source:
- Sektor Corp., Maxar, Earthstar Geographics, and the GIS User Community

Boardman to Hemingway Transmission Project
Request for Amendment 1

Project Features
- New RFA1 Site Boundary
- Site Boundary Approved in Site Certificate

Access
- New Road, Bladed

Important Siting Constraints and Other Features
- 20-ft Contours
- Stream
- Public Roads
- VRM Class 3

Land Status
- Bureau of Land Management
- Bureau of Reclamation
- Private

Notes:
- Not intended for construction or any uses other than intended purpose.
- Project features current as of March 9, 2023.
- Data Source(s): BLM, Esri, NPS, ODOT, USGS, Velocity

Map Source:
- Sektor Corp., Maxar, Earthstar Geographics, and the GIS User Community

MAP 32: RFA1 Site Boundary Changes

Map 32

Project Features
- New RFA1 Site Boundary
- Site Boundary Approved in Site Certificate

Access
- New Road, Bladed

Important Siting Constraints and Other Features
- 20-ft Contours
- Stream
- Public Roads
- VRM Class 3

Land Status
- Bureau of Land Management
- Bureau of Reclamation
- Private

Notes:
- Not intended for construction or any uses other than intended purpose.
- Project features current as of March 9, 2023.
- Data Source(s): BLM, Esri, NPS, ODOT, USGS, Velocity

Map Source:
- Sektor Corp., Maxar, Earthstar Geographics, and the GIS User Community
Figure 4-2
RFA1 Site Boundary Changes
Access Roads
Malheur County

Map 33

Project Features
- New RFA1 Site Boundary
- Site Boundary Approved in Site Certificate

Access
- Existing Road, Substantial Modification, 21-70% Improvements
- Existing Road, Substantial Modification, 71-100% Improvements

Important Siting Constraints and Other Features:
- 20-ft Contours
- Stream
- Public Roads
- VRM Class 3

Land Status
- Bureau of Land Management
- Bureau of Reclamation
- Private

Notes:
- Not intended for construction or any uses other than intended purpose.
- Project features current as of March 9, 2023.

Data Source(s):
- BLM, Esri, NPS, ODOT, USGS, Velocity Imagery

Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

Boardman to Hemingway Transmission Project
Request for Amendment 1
Figure 4-2
RFA1 Site Boundary Changes

Access Roads
Malheur County

Map 34

Project Features
- New RFA1 Site Boundary
- Site Boundary Approved in Site Certificate

Access
- Existing Road, Substantial Modification, 21-50% Improvements
- Existing Road, Substantial Modification, 51-100% Improvements
- New Road, Bladed

Important Siting Constraints and Other Features
- 20-ft Contours
- Stream
- Public Roads
- VRM Class 3

Land Status
- Bureau of Land Management
- Private

Notes:
- Not intended for construction or any uses other than intended purpose.
- Project features current as of March 9, 2023.

Data Source(s):
- BLM, Esri, NPS, ODOT, USGS, Velocity Imagery

Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community
Project Features
- New RFA1 Site Boundary
- Site Boundary Approved in Site Certificate

Access
- Existing Road, Substantial Modification, 21-75% Improvements

Important Siting Constraints and Other Features
- 20-ft Contours
- Existing Transmission Line
- Stream
- Highways
- Public Roads
- VRM Class 3

Land Status
- Bureau of Land Management
- Private
- Designated Utility Corridor

Notes:
- Not intended for construction or any uses other than intended purpose.
- Project features current as of March 9, 2023.

Data Sources:
- BLM, Esri, NPS, ODOT, USGS, Velocity

Imagery:
- GeoEye-2, World Imagery, and USGS Imagery

Map 35

Figure 4-2
RFA1 Site Boundary Changes
Access Roads
Malheur County

Map Area
Figure 4-2
RFA1 Site Boundary Changes

Access Roads
Malheur County

Map 36

Project Features
- New RFA1 Site Boundary
- Site Boundary Approved in Site Certificate

Access
- Existing Road, Substantial Modification, 71-100% Improvements

Important Siting Constraints and Other Features
- 20-ft Contours
- Stream
- Wilderness Characteristic
- Unit Meeting Wilderness Criteria

Land Status
- Bureau of Land Management
- Private

Notes:
- Not intended for construction or any use other than intended purpose.
- Project features current as of March 9, 2023.

Data Source(s):
- BLM, Esri, NPS, ODOT, USGS, Velocity Imagery
- Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

Map Area
- Boardman to Hemingway Transmission Project
- Request for Amendment 1
- Map 36

Project Features
- New RFA1 Site Boundary
- Site Boundary Approved in Site Certificate

Access
- Existing Road, Substantial Modification, 71-100% Improvements

Important Siting Constraints and Other Features
- 20-ft Contours
- Stream
- Wilderness Characteristic
- Unit Meeting Wilderness Criteria

Land Status
- Bureau of Land Management
- Private

Notes:
- Not intended for construction or any use other than intended purpose.
- Project features current as of March 9, 2023.

Data Source(s):
- BLM, Esri, NPS, ODOT, USGS, Velocity Imagery
- Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

Map Area
- Boardman to Hemingway Transmission Project
- Request for Amendment 1
- Map 36
Figure 4-2
RFA1 Site Boundary Changes

Access Roads
Malheur County

Map 37

Project Features
- New RFA1 Site Boundary
- Site Boundary Approved in Site Certificate

Access
- Existing Road, Substantial Modification, 71-100% Improvements

Important Siting Constraints and Other Features
- 20-ft Contours
- Streams
- Public Roads
- Wilderness Characteristic
- Unit Meeting Wilderness Criteria

Land Status
- Bureau of Land Management
- Private

Notes:
- Not intended for construction or any uses other than intended purpose
- Project features current as of March 9, 2023

Data Sources:
- BLM, Esri, NPS, ODOT, USGS, Velocity

Imagery:
- Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community
Figure 4-2
RFA1 Site Boundary Changes

Access Roads
Malheur County

Map 38

Project Features
- New RFA1 Site Boundary
- Site Boundary Approved in Site Certificate

Access
- New Road, Bladed

Important Siting Constraints and Other Features
- 20-ft Contours
- Stream
- Public Roads
- VRM Class 3

Land Status
- Bureau of Land Management
- Private

Notes:
- Data needed for construction or any use other than intended purpose.
- Project features current as of March 9, 2023.

Data Sources:
- BLM, Esri, NPS, ODOT, USGS, Velocity Imagery
- Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

Map Area

1,000 Feet

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Board to Hemingway Transmission Project
Request for Amendment 1

Figure 4-2
RFA1 Site Boundary Changes

Access Roads
Malheur County

Map 39

Project Features
- New RFA1 Site Boundary
- Site Boundary Approved in Site Certificate

Access
- Existing Road, Substantial Modification, 21-70% Improvements

Important Siting Constraints and Other Features
- 20-ft Contours
- Existing Transmission Line
- Stream
- Public Roads
- VRM Class 3

Land Status
- Bureau of Land Management
- Bureau of Reclamation
- Private
- Designated Utility Corridor

Notes:
- Not intended for construction or any uses other than intended purpose.
- Project features current as of March 9, 2023.

Data Sources:
- BLM, Esri, NPS, ODOT, USGS, Velocity

Imagery:
- Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

Map Area

Legend:
- 0.5 mile

Owyhee River

Existing Horse Creek Solar Center to Owyhee Dam 69 kV

See ASC Attachment C-2 Maps 117 and 118 for more detail

Sec. 13
Sec. 18
Sec. 19
Sec. 20
Sec. 17
Sec. 16
Sec. 15
Sec. 14
Sec. 12
Sec. 24
Sec. 25
Sec. 30
Sec. 29
Sec. 21
Sec. 26
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Sec. 22
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Sec. 39
Sec. 40
Sec. 41
Sec. 42
Sec. 43
Sec. 44
Sec. 45
Sec. 46
Figure 4-2
RFA1 Site Boundary Changes

Access Roads
Malheur County

Map 40

Project Features:
- New RFA1 Site Boundary
- Site Boundary Approved in Site Certificate

Access:
- Existing Road, No Improvements Permitted
- Existing Road, Substantial Modification, 21-70% Improvements

Important Siting Constraints and Other Features:
- 20-ft Contours
- Existing Transmission Line
- VRM Class 3

Land Status:
- Bureau of Land Management
- Bureau of Reclamation
- Private
- Designated Utility Corridor

Notes:
- Not intended for construction or any use other than intended purpose.
- Project features current as of March 9, 2023.

Data Sources:
- BLM, Esri, NPS, ODOT, USGS, Velocity

Imagery:
- Esri, Maxar, Earthstar Geographics, and the GIS User Community

Map Area

Boardman to Hemingway Transmission Project
Request for Amendment 1

20-ft Contours
Existing Road, No Improvements Permitted
Existing Road, Substantial Modification, 21-70% Improvements

Note:
- See ASC Attachment C-2 Maps 123-125 for more detail
- See ASC Attachment for more detail

20-ft Contours
Existing Road, No Improvements Permitted
Existing Road, Substantial Modification, 21-70% Improvements

Note:
- See ASC Attachment C-2 Maps 123-125 for more detail
- See ASC Attachment for more detail

Map Area

20-ft Contours
Existing Road, No Improvements Permitted
Existing Road, Substantial Modification, 21-70% Improvements

Note:
- See ASC Attachment C-2 Maps 123-125 for more detail
- See ASC Attachment for more detail
Figure 4-2
RFA1 Site Boundary Changes

Access Roads
Malheur County

Map 41

Project Features
- New RFA1 Site Boundary
- Existing Site Boundary Approved in Site Certificate

Access
- New Road, Bladed

Important Siting Constraints and Other Features
- 20-ft Contours
- Existing Transmission Line
- Stream
- VRM Class 3

Land Status
- Bureau of Land Management
- Private
- Designated Utility Corridor

Note:
- Not intended for construction or any uses other than intended purpose.

Project features current as of March 9, 2023.

Data Sources:
- BLM, Esri, NPS, ODOT, USGS, Velocity

Imagery:
- Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

See ASC Attachment C-2 Map 125 for more detail.

See ASC Attachment C-2 for more detail.

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\05_RFA1\Exhibits\Project Location\FIG 4-2 RFA1 Site Boundary Changes_Access_MAPBOOK_20230502.mxd 5/2/2023