

**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

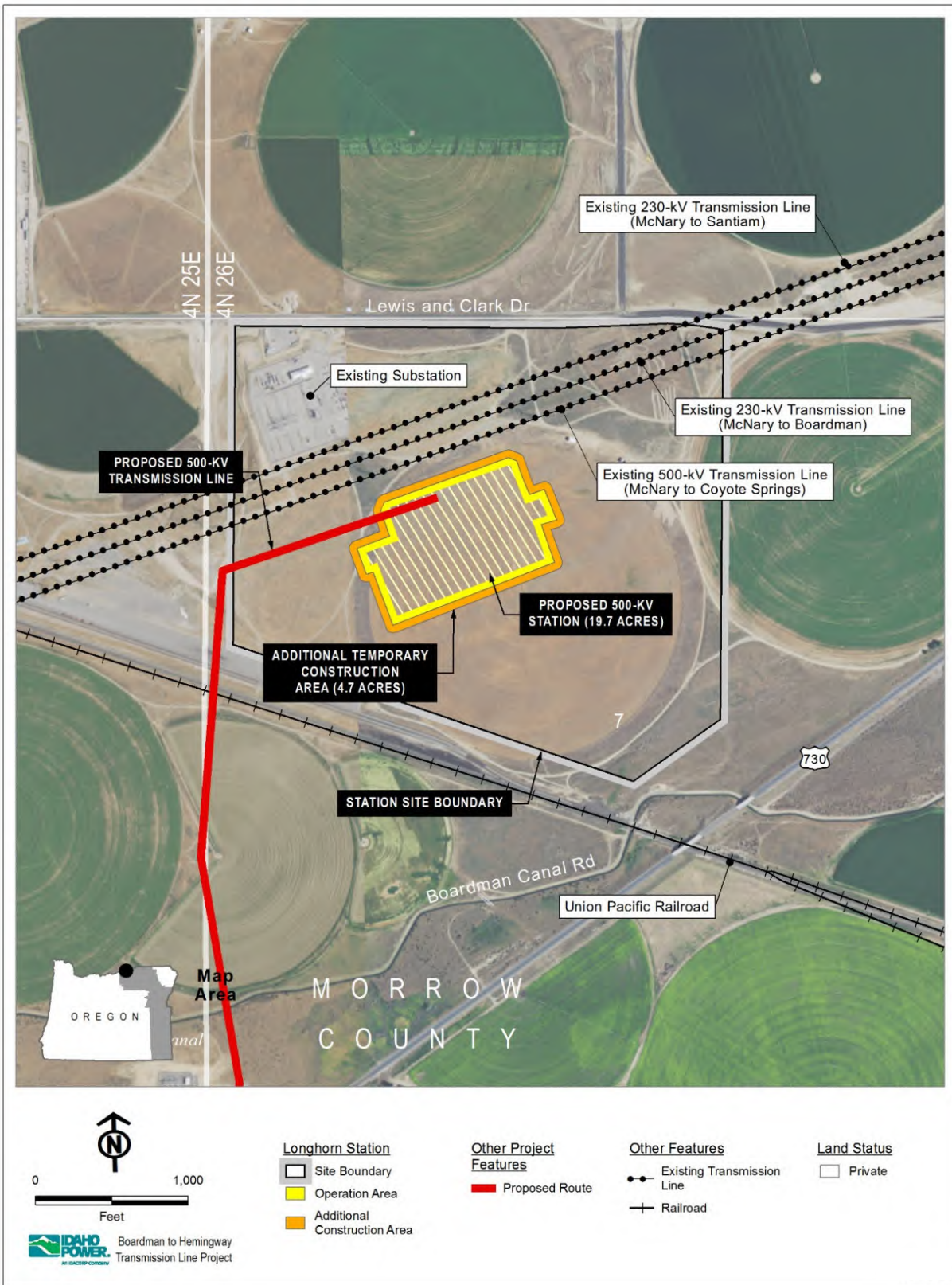
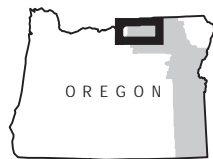
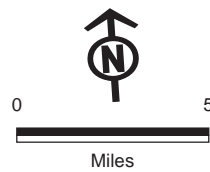
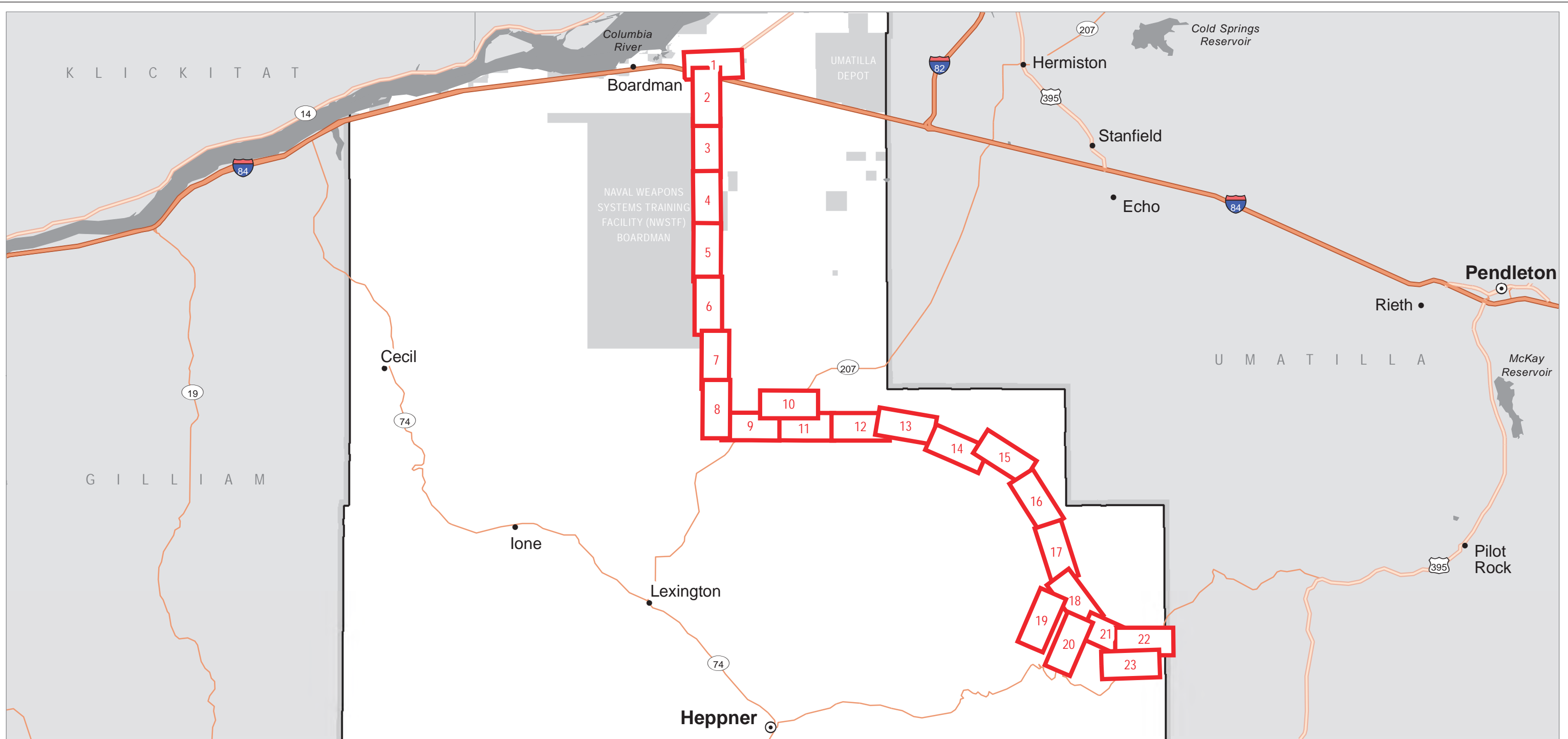


Figure C-1. Proposed Longhorn Station

ATTACHMENT C-2 PROPOSED ROUTE LOCATION



Map Area

Source(s): BLM, IPC, Esri

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Map Index

 Location Map (Map #)

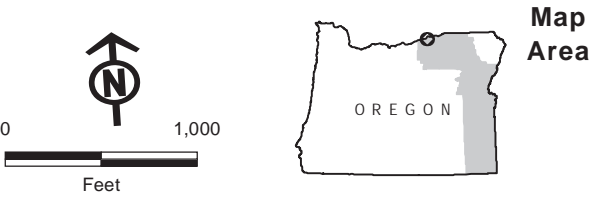
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Application for Site Certificate



Attachment C-2
Proposed Route Location Maps

Morrow County

Map Index



Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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
 - Longhorn Station (Construction Area)
 - Longhorn Station (Operations Area)
 - Multi-Use Area
 - Pulling and Tensioning
- Important Siting Constraints and Other Features**

 - Structure Work Area
 - Access
 - New Road, Primitive
 - 100-foot Contours
 - Existing Transmission Lines
 - Pipeline
 - Interstate
 - Highway
 - Other Road
- Land Status**

 - Bureau of Land Management
 - Bureau of Reclamation
 - Private
- Other Features**

 - Railroad
 - Stream
 - Protected Area (EFSC)

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

Morrow County

Map 1



Map Area

0 1,000 Feet

Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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
 - Structure Work Area (Removal Only)

Access

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

Important Siting Constraints and Other Features

- 100-foot Contours
- Existing Transmission Lines
- Pipeline
- Interstate
- Highway

Other Road

- Stream
- Protected Area (EFSC)

Land Status

- Bureau of Reclamation
- Military Reservation or Corps of Engineers
- Private

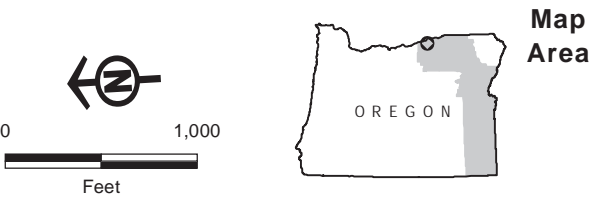
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**Attachment C-2
Proposed Route Location Maps**

Morrow County

Map 2



Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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
 - Structure Work Area (Removal Only)
- Access**
- Existing Road, Substantial Modification, 21-70% Improvements
- Important Siting Constraints and Other Features**
- 100-foot Contours
 - Existing Transmission Lines
 - Pipeline
 - Other Road
- Land Status**
- Military Reservation or Corps of Engineers
 - Private

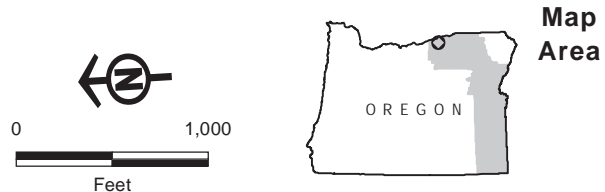
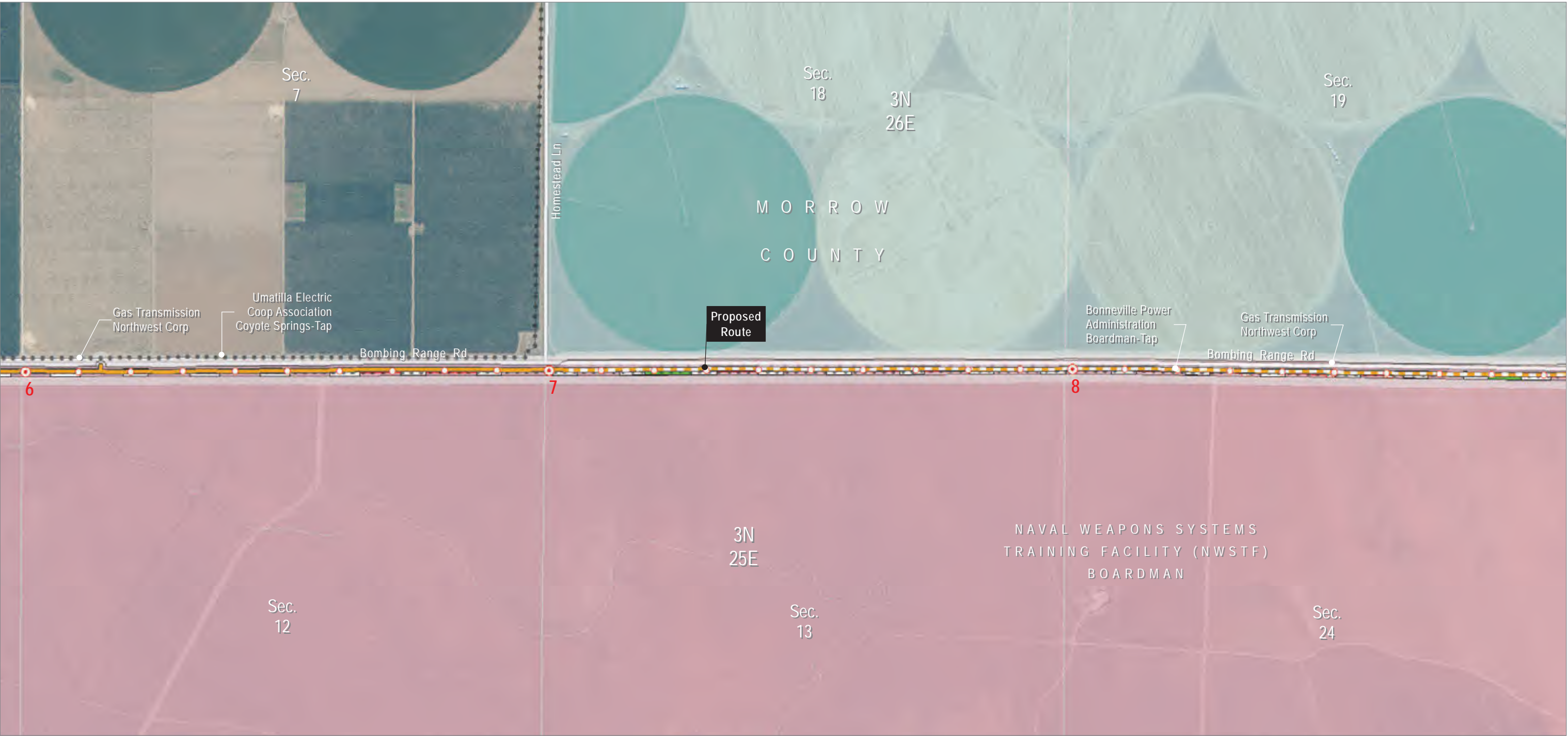
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**Attachment C-2
Proposed Route Location Maps**

Morrow County

Map 3



Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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
 - Structure Work Area (Removal Only)
- Access**

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

Important Siting Constraints and Other Features

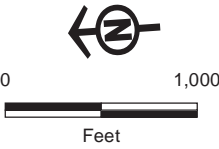
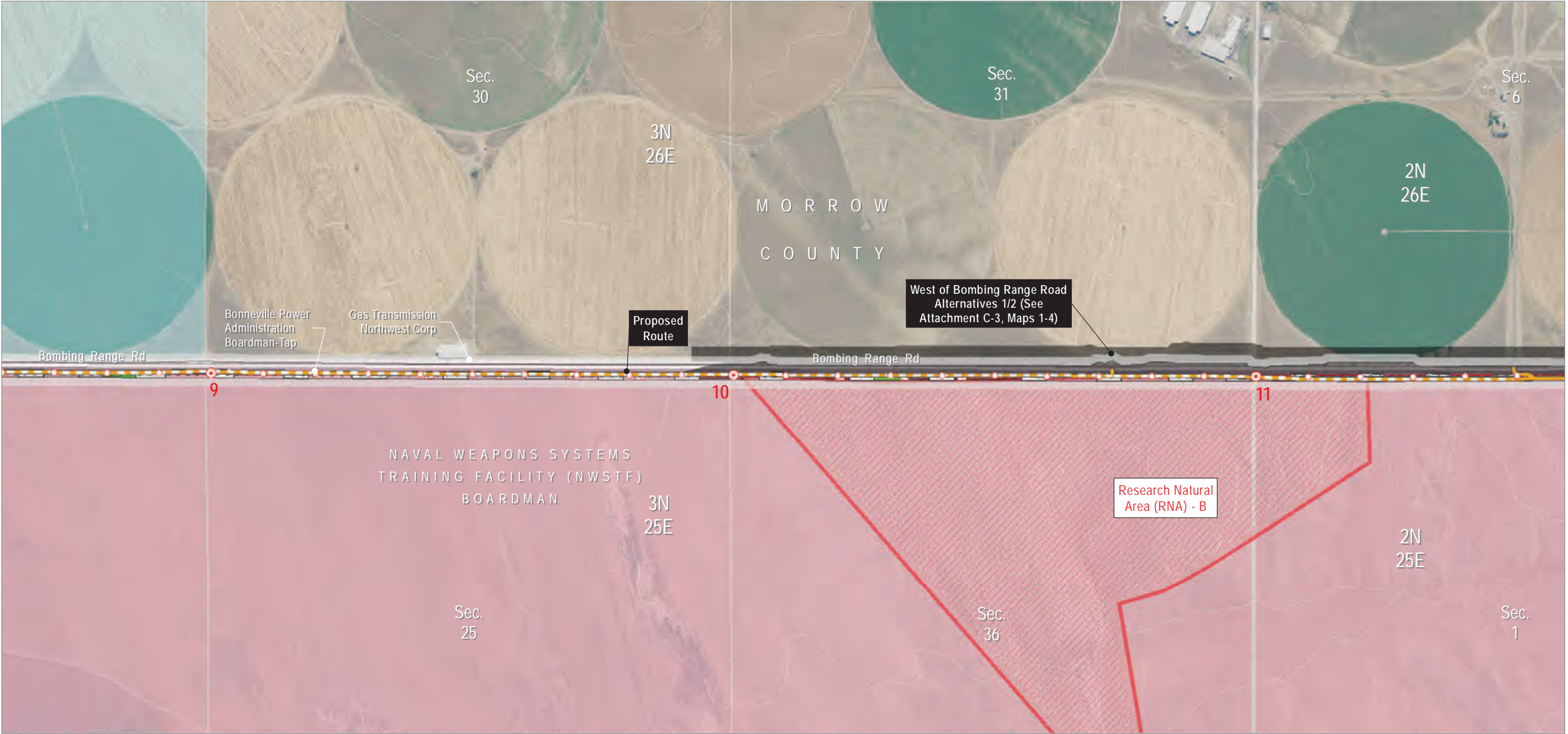
 - 100-foot Contours
 - Existing Transmission Lines
 - Pipeline
 - Other Road
- Land Status**

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

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Attachment C-2
Proposed Route Location Maps
Morrow County
Map 4



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

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Project Features

- Site Boundary
- Alternative
- 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
- New Road, Primitive
- Important Siting Constraints and Other Features
 - 100-foot Contours
 - Existing Transmission Lines
 - Pipeline
 - Other Road
 - Protected Area (EFSC)

Land Status

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

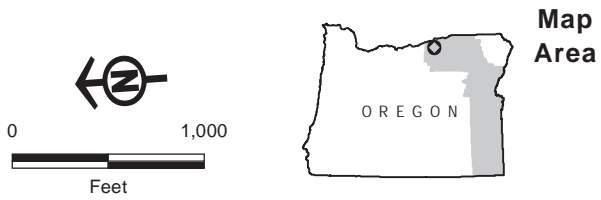
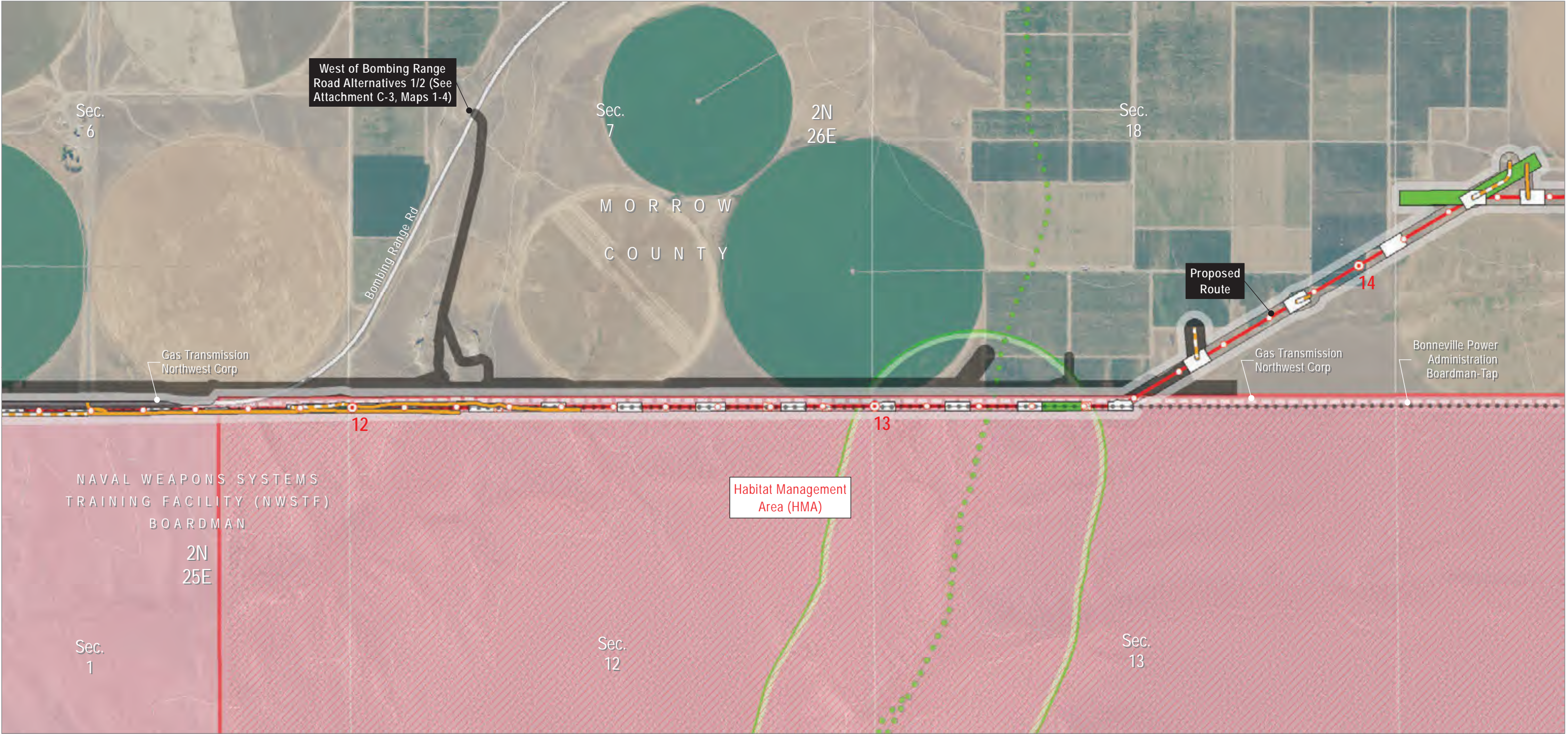
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**Attachment C-2
Proposed Route Location Maps**

Morrow County

Map 5



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

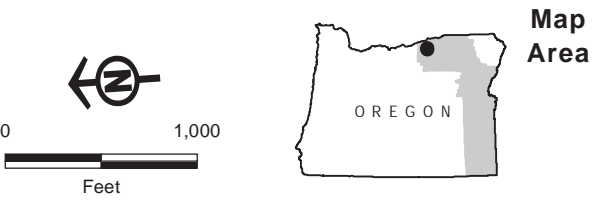
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- Project Features**
- Site Boundary
 - Alternative
 - Transmission Centerline
 - Mileposts
 - Mile
 - Tenth-mile
 - Work Areas
 - Pulling and Tensioning
 - Structure Work Area
 - Structure Work Area (Removal Only)
- Access**
- Existing Road, Substantial Modification, 21-70% Improvements
 - New Road, Primitive
- Important Siting Constraints and Other Features**
- 100-foot Contours
 - Existing Transmission Lines
 - Oregon National Historic Trail (NHT)
 - Pipeline
- Other Road**
- Oregon NHT Intact Segment (1/4-mile buffer)
- Protected Area (EFSC)**
- Military Reservation or Corps of Engineers
 - Private

Boardman to Hemingway Transmission Line Project
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Attachment C-2
Proposed Route Location Maps
Morrow County
Map 6



Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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, 21-70% Improvements

Important Siting Constraints and Other Features

- 100-foot Contours
- Existing Transmission Lines
- Pipeline
- Other Road
- Protected Area (EFSC)
- Wheatridge Wind Energy (Project Area)

Land Status

- Military Reservation or Corps of Engineers
- Private

Boardman to Hemingway Transmission Line Project
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**Attachment C-2
Proposed Route Location Maps**

Morrow County

Map 7



Map Area

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Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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, 21-70% Improvements
- Important Siting Constraints and Other Features**

 - 100-foot Contours
 - Pipeline
 - Other Road
 - Stream
 - Wheatridge Wind Energy (Project Area)

Land Status

 - Private
- New Road, Primitive**

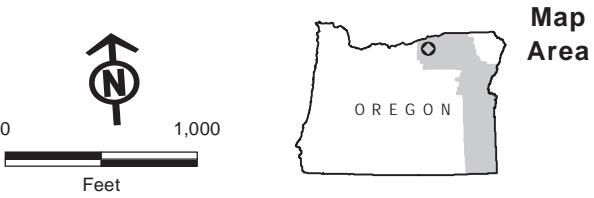
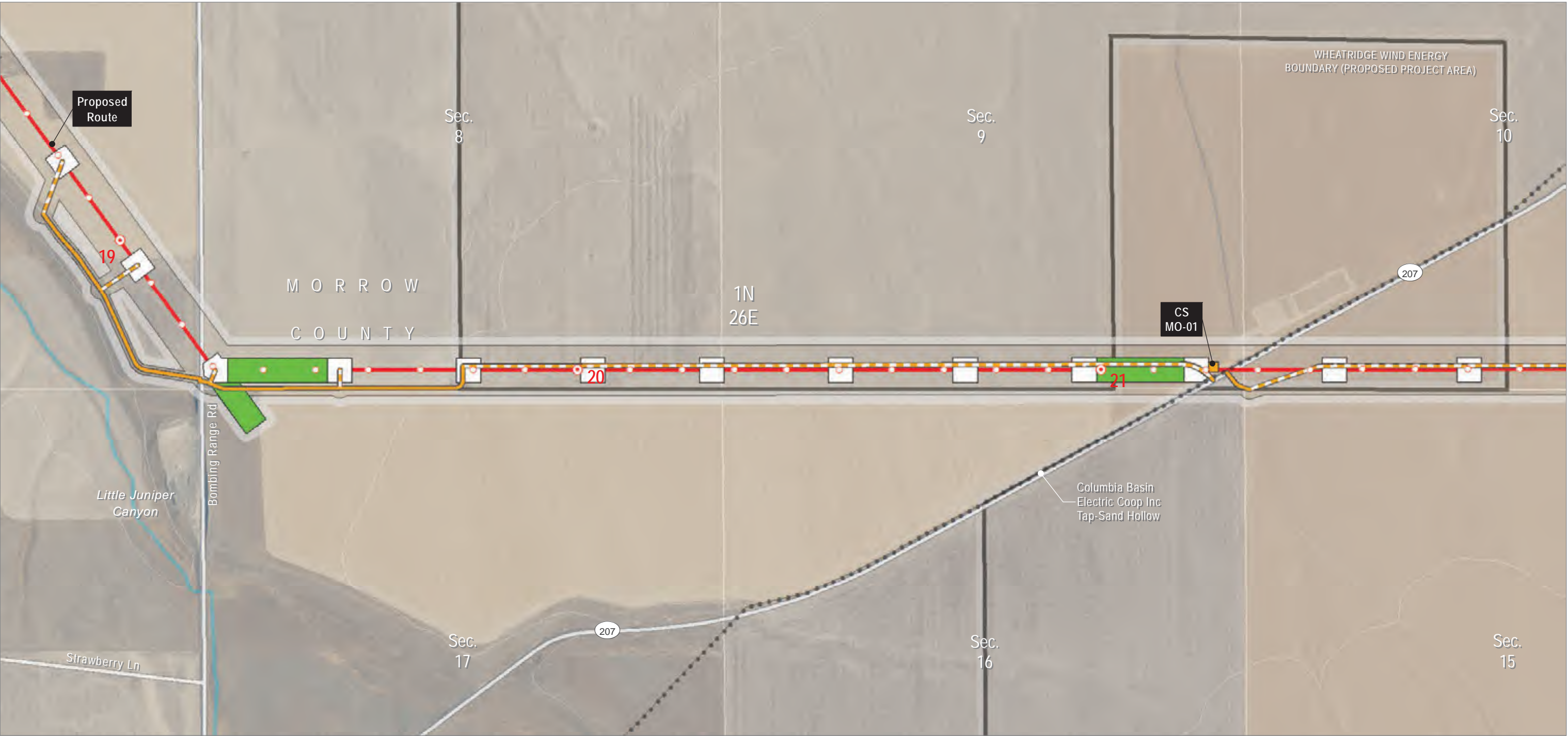
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**Attachment C-2
Proposed Route Location Maps**

Morrow County

Map 8



Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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
 - Communication Station
 - 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
 - Stream
- Wheatridge Wind Energy (Project Area)**
- Land Status**
- Private

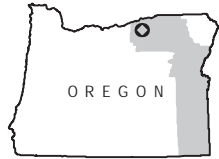
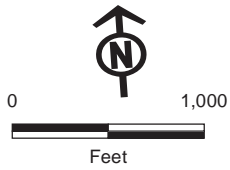
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**Attachment C-2
Proposed Route Location Maps**

Morrow County

Map 9



Map Area

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

Other Road

Stream

Wheatridge Wind Energy
(Project Area)

Land Status

Private

Boardman to Hemingway Transmission Line Project
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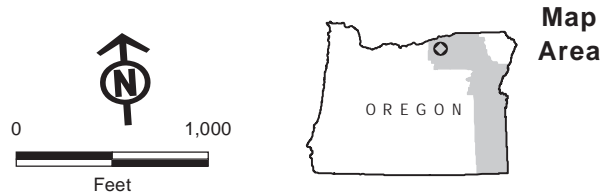
**Attachment C-2
Proposed Route Location Maps**

Morrow County

Map 10

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

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Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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, 21-70% Improvements
- Important Siting Constraints and Other Features**
- New Road, Primitive
 - 100-foot Contours
 - Existing Transmission Lines
 - Other Road
 - Stream
 - Wheatridge Wind Energy (Project Area)
- Land Status**
- Private

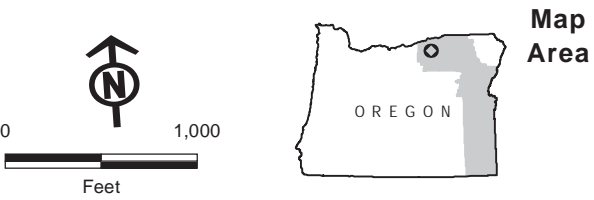
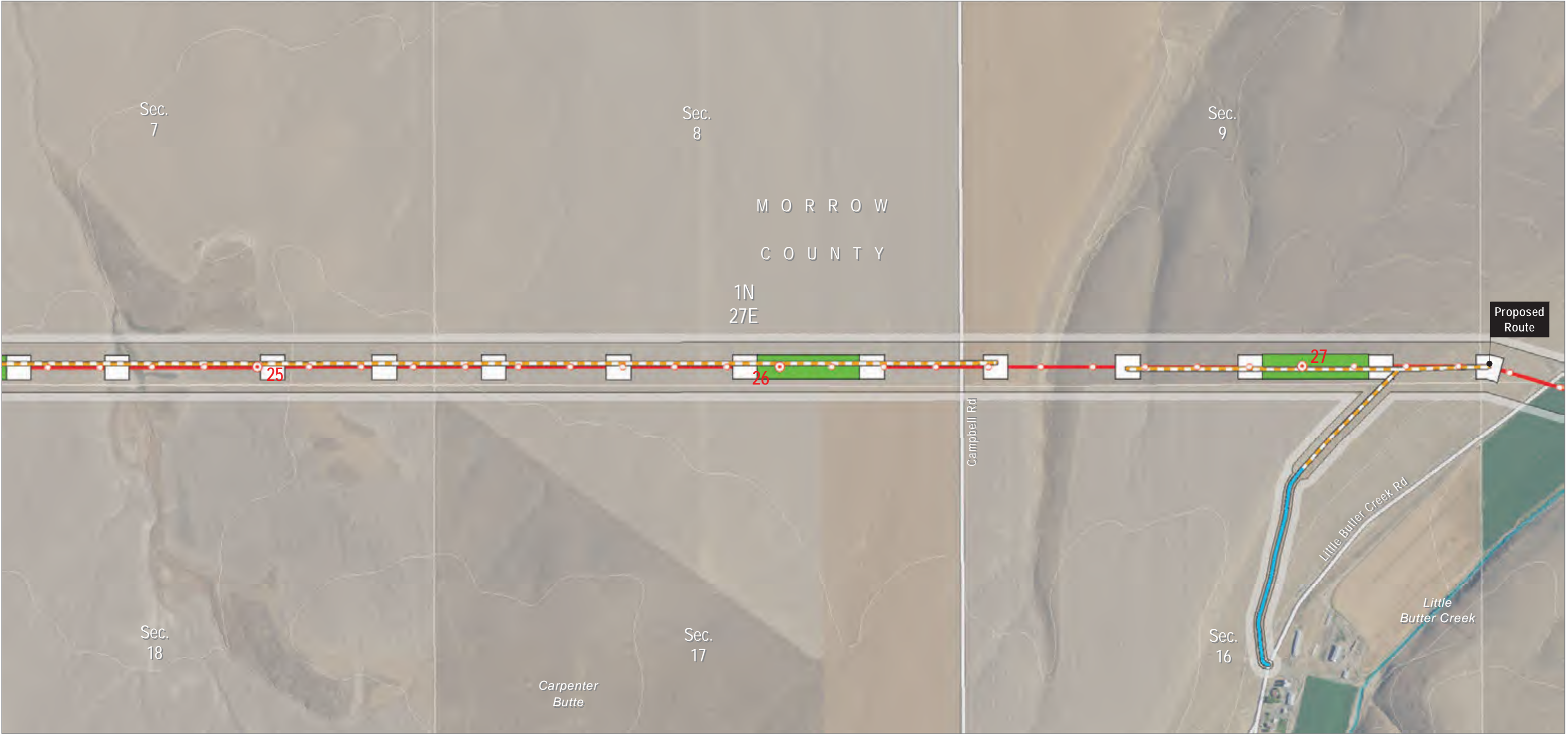
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Attachment C-2 Proposed Route Location Maps

Morrow County

Map 11



Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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
- Important Siting Constraints and Other Features**
- New Road, Primitive
 - 100-foot Contours
 - Other Road
 - Stream
 - Land Status
 - Private

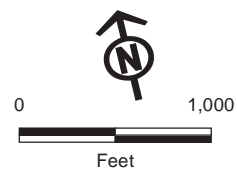
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**Attachment C-2
Proposed Route Location Maps**

Morrow County

Map 12



Map Area

Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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**
- 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

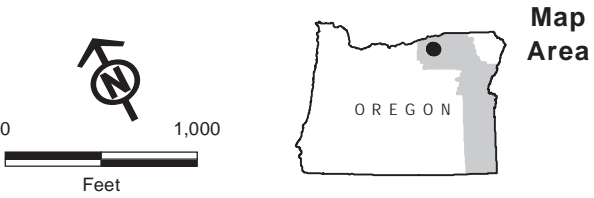
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Attachment C-2 Proposed Route Location Maps

Morrow County

Map 13



Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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, 21-70% Improvements

Important Siting Constraints and Other Features

- New Road, Primitive
- 100-foot Contours
- Other Road
- Stream
- Wheatridge Wind Energy (Project Area)
- Land Status
 - Private

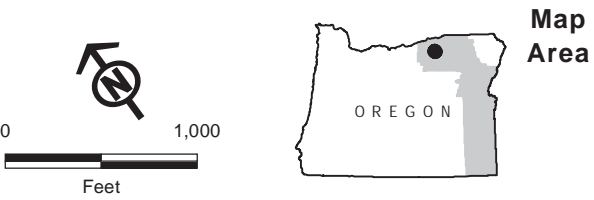
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**Attachment C-2
Proposed Route Location Maps**

Morrow County

Map 14



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

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- | | | |
|--|--|--------------------|
| Project Features | Existing Road, Substantial Modification, 71-100% Improvements | Land Status |
| Site Boundary | New Road, Bladed | Private |
| Transmission Centerline | New Road, Primitive | |
| Mileposts | Important Siting Constraints and Other Features | |
| Mile | 100-foot Contours | |
| Tenth-mile | Other Road | |
| Work Areas | Stream | |
| Multi-Use Area | Wheatridge Wind Energy (Project Area) | |
| Structure Work Area | | |
| Access | | |
| Existing Road, Substantial Modification, 21-70% Improvements | | |

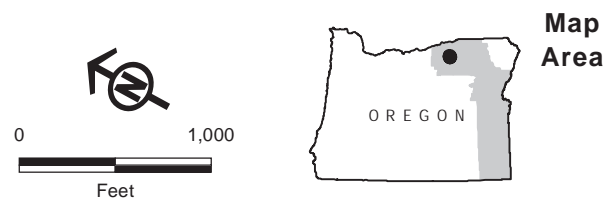
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**Attachment C-2
Proposed Route Location Maps**

Morrow County

Map 15



Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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

- New Road, Bladed
- New Road, Primitive
- Important Siting Constraints and Other Features**
 - 100-foot Contours
 - Stream
- Land Status**
 - Private

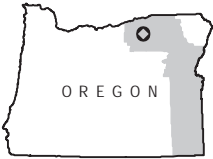
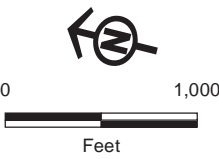
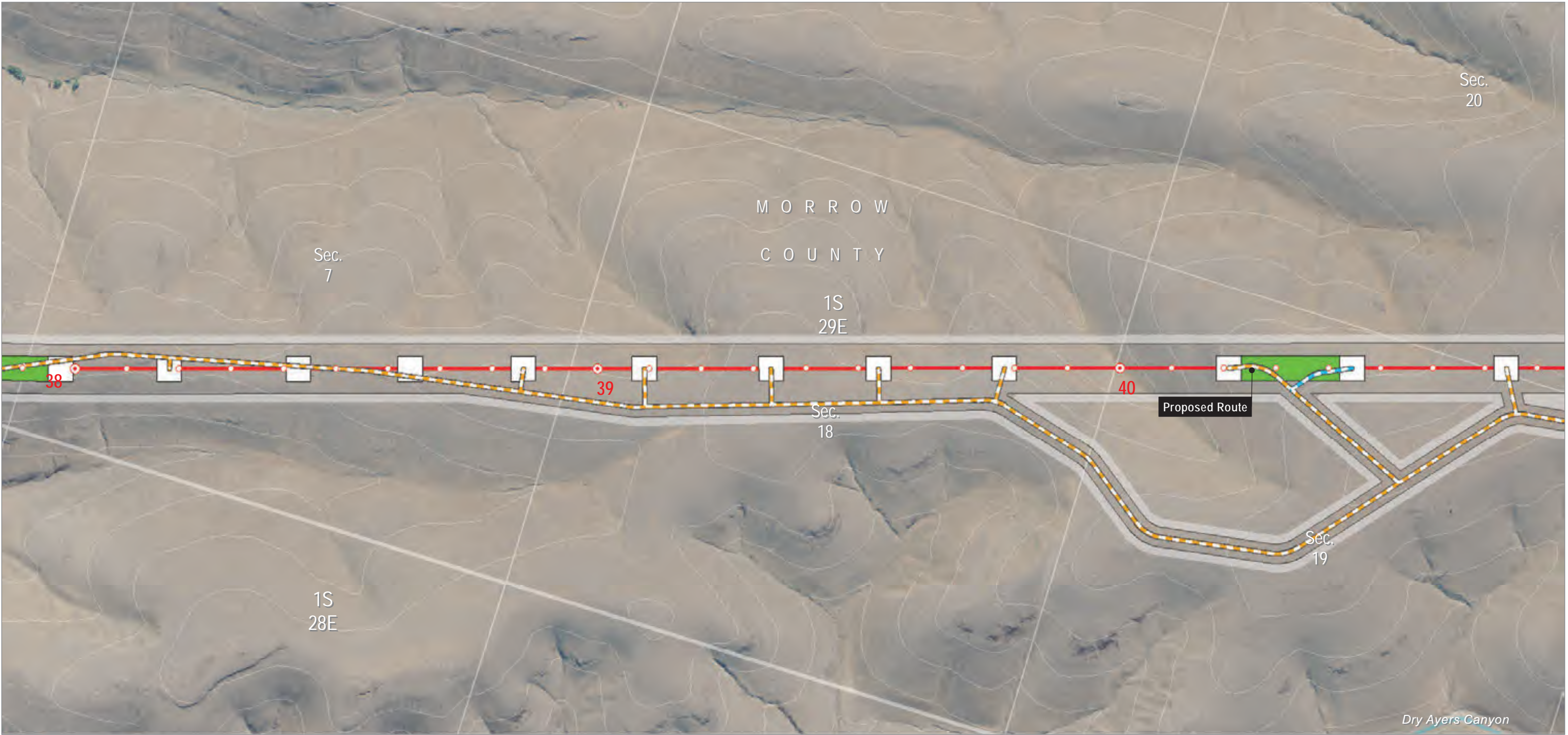
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Attachment C-2 Proposed Route Location Maps

Morrow County

Map 16



Map Area

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
- Stream
- Land Status
 - Private

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

Morrow County

Map 17

Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, Earthstar Geographics, CNES/Airbus DS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo
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0 1,000
Feet

OREGON

Map Area

Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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, 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
 - Other Road
 - Stream

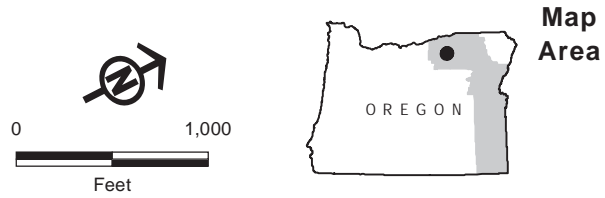
Land Status

 - Private

Boardman to Hemingway Transmission Line Project
Application for Site Certificate



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



Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, Earthstar Geographics, 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
- Land Status**

 - Private
- Important Siting Constraints and Other Features**

 - 100-foot Contours
 - Other Road
 - Stream

Boardman to Hemingway Transmission Line Project
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Attachment C-2
Proposed Route Location Maps
Morrow County
Map 19



- Project Features**
- Site Boundary
 - 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

Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-2 Proposed Route Location Maps

Morrow County

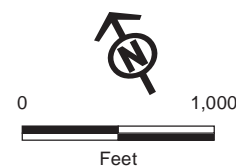
Map 20

Map Area

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

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Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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, 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
 - Other Road
 - Stream
- Land Status**
 - Private

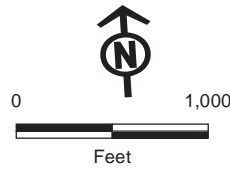
Boardman to Hemingway Transmission Line Project
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Attachment C-2 Proposed Route Location Maps

Morrow County

Map 21



Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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, 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**
- Bureau of Land Management
 - Private

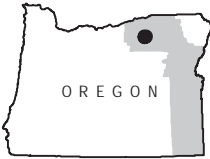
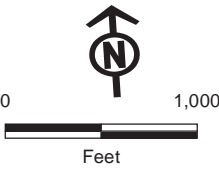
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Attachment C-2 Proposed Route Location Maps

Morrow County

Map 22



Map Area

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

Boardman to Hemingway Transmission Line Project
Application for Site Certificate



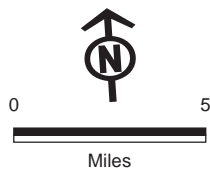
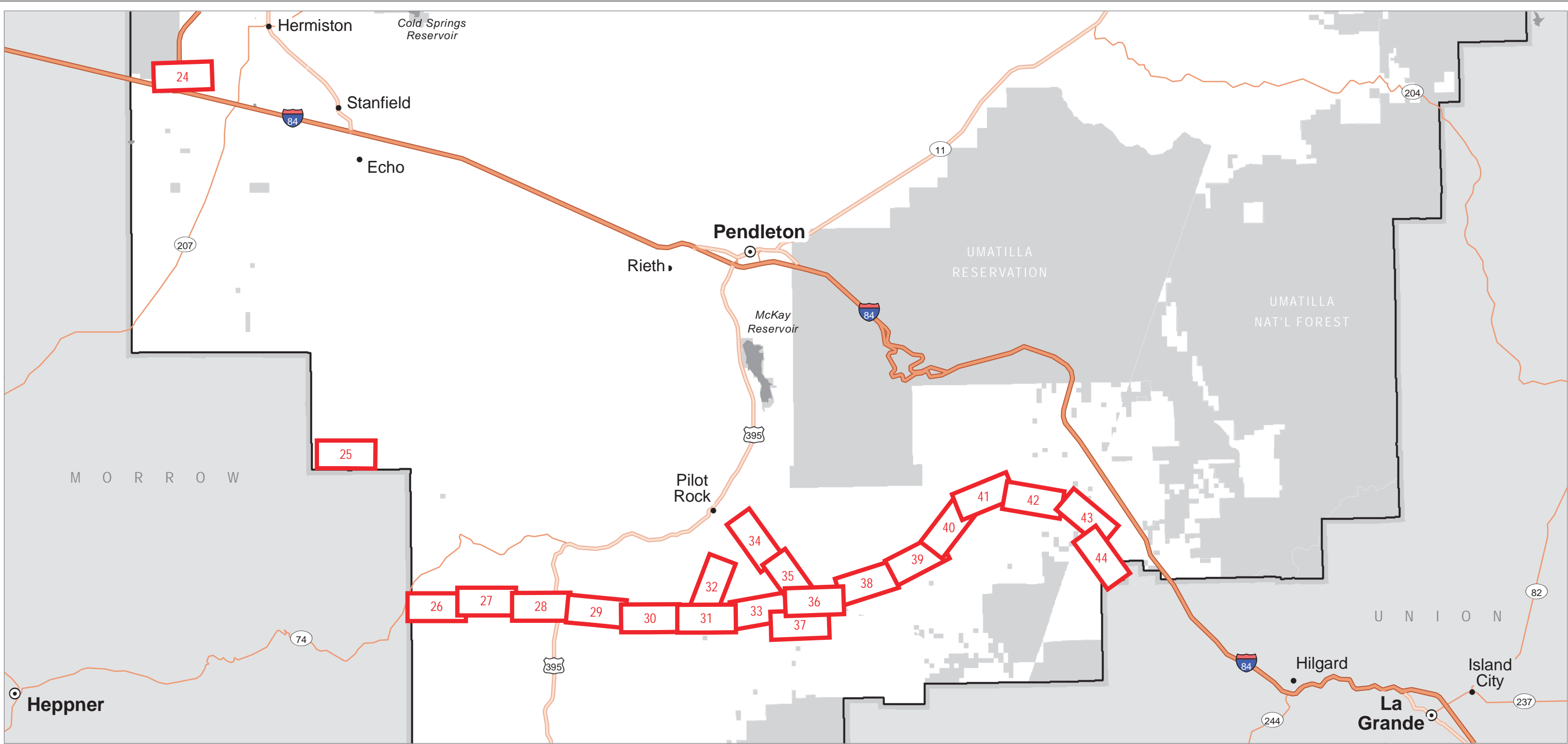
Attachment C-2
Proposed Route Location Maps

Morrow County

Map 23

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

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Source(s): BLM, IPC, Esri

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Map Index

 Location Map (Map #)

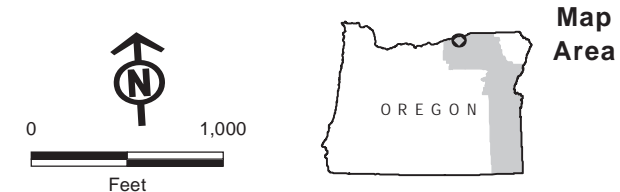
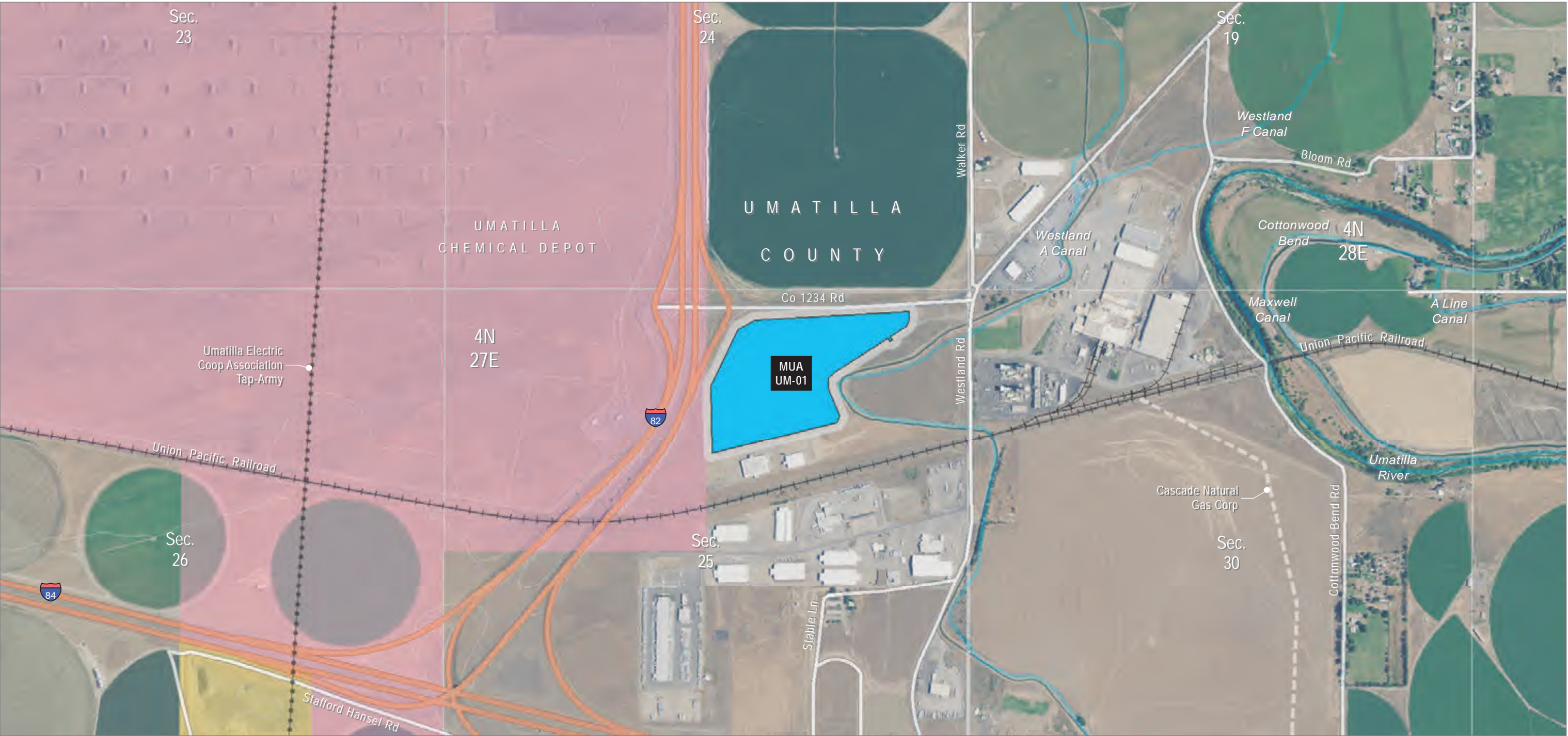
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



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

Umatilla County

Map Index



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

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- Project Features**
- Site Boundary
 - Work Areas
 - Multi-Use Area
- Important Siting Constraints and Other Features**
- 100-foot Contours
 - Existing Transmission Lines
 - Pipeline
 - Interstate
 - Other Road
- Land Status**
- Railroad
 - Stream
 - Bureau of Land Management
 - Military Reservation or Corps of Engineers
 - Private

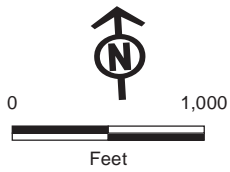
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



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

Umatilla County

Map 24



Map Area

Project Features

- Site Boundary
- Work Areas
- Multi-Use Area

Important Siting Constraints and Other Features

- 100-foot Contours
- Other Road
- Stream

Land Status

- Private

Boardman to Hemingway Transmission Line Project
Application for Site Certificate



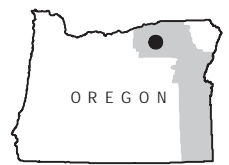
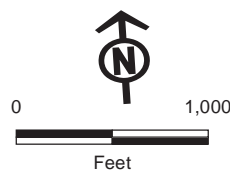
**Attachment C-2
Proposed Route Location Maps**

Umatilla County

Map 25

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

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Map Area

Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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

- New Road, Bladed
- New Road, Primitive
- Important Siting Constraints and Other Features**
 - 100-foot Contours
 - Other Road
 - Stream
- Land Status**
 - Private

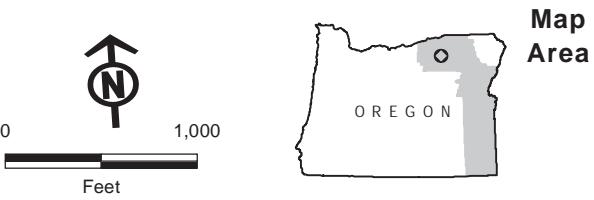
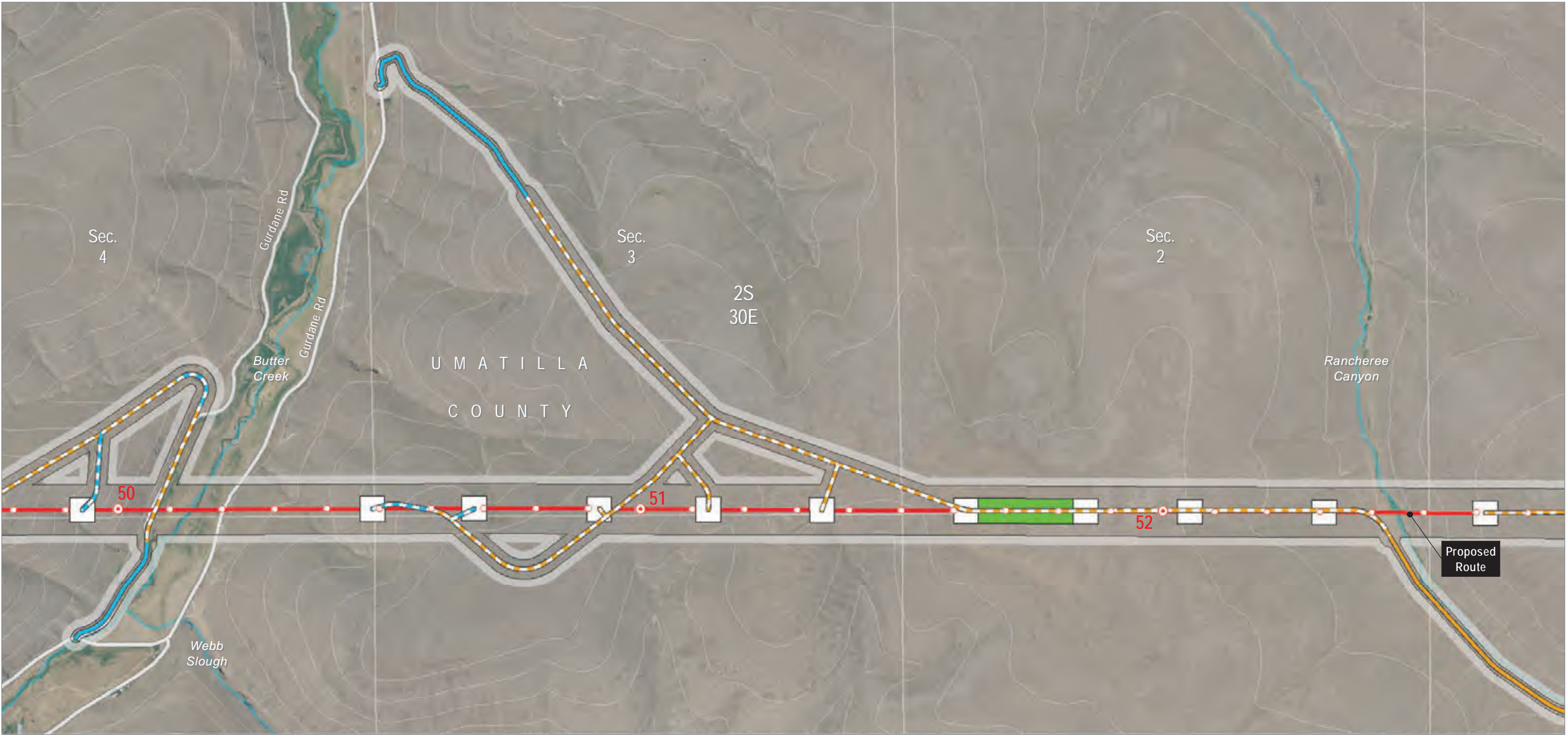
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



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

Umatilla County

Map 26



Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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, 21-70% Improvements
- Important Siting Constraints and Other Features**
- Existing Road, Substantial Modification, 71-100% Improvements
 - New Road, Bladed
 - New Road, Primitive
 - 100-foot Contours
 - Other Road
 - Stream
 - Land Status
 - Private

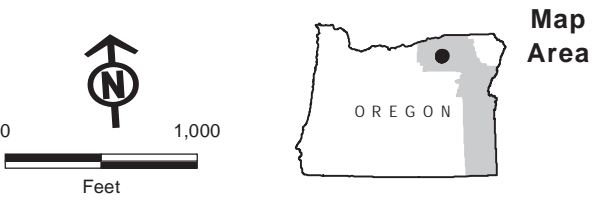
Boardman to Hemingway Transmission Line Project
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Attachment C-2
Proposed Route Location Maps

Umatilla County

Map 27



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

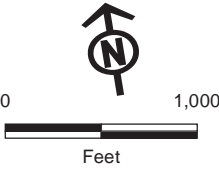
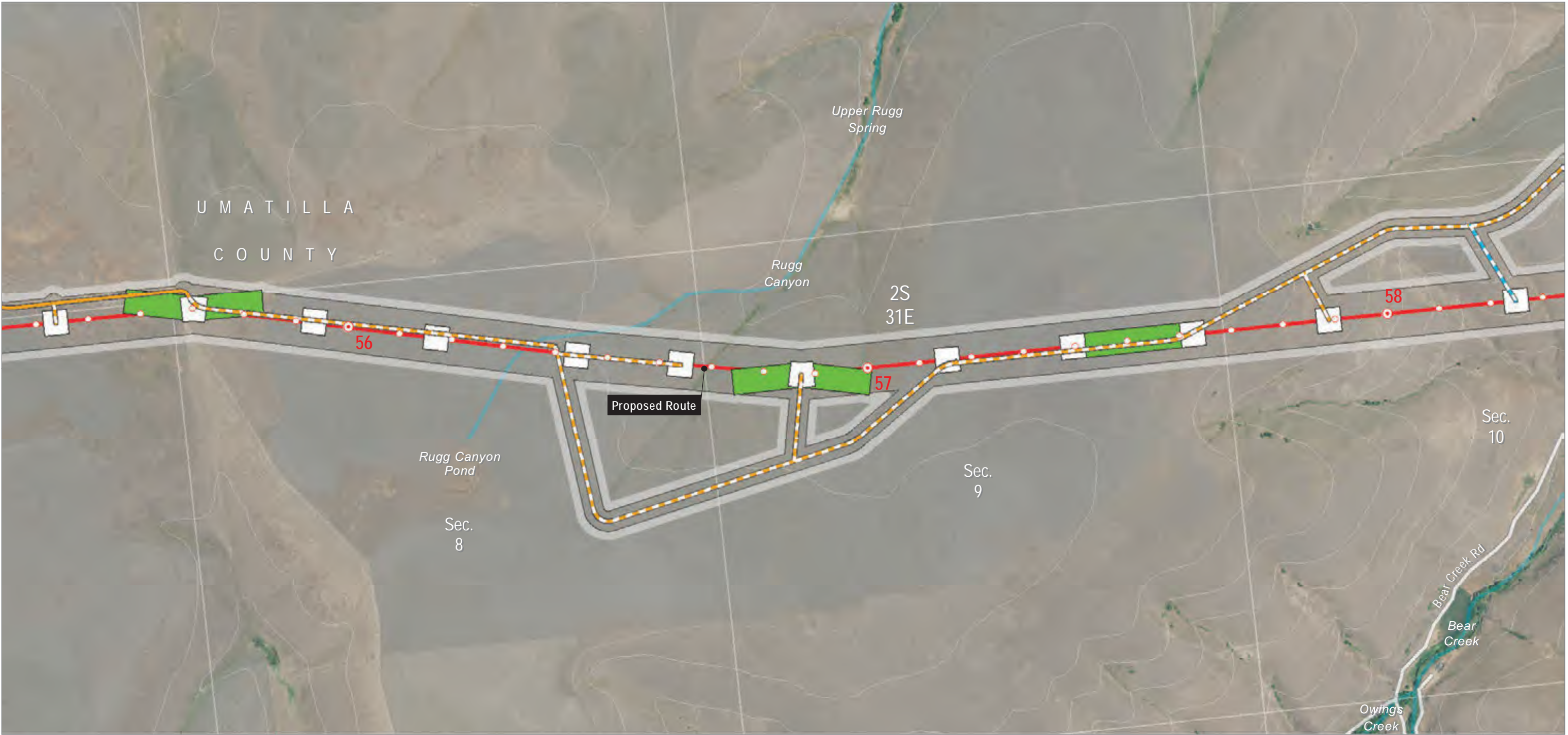
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- Project Features**
- Site Boundary
 - Transmission Centerline
- Mileposts**
- Mile
 - Tenth-mile
- Work Areas**
- Communication Station
 - Multi-Use Area
 - Pulling and Tensioning
 - Structure Work Area
- Access**
- Existing Road, Substantial Modification, 21-70% Improvements
 - New Road, Primitive
- Important Siting Constraints and Other Features**
- 100-foot Contours
 - Highway
 - Stream
- Land Status**
- Private

Boardman to Hemingway Transmission Line Project
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Attachment C-2
Proposed Route Location Maps
Umatilla County
Map 28



Map Area

- 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
- Important Siting Constraints and Other Features**

 - New Road, Bladed
 - New Road, Primitive
 - 100-foot Contours
 - Other Road
 - Stream

Land Status

 - Private

Boardman to Hemingway Transmission Line Project
Application for Site Certificate



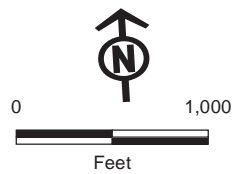
**Attachment C-2
Proposed Route Location Maps**

Umatilla County

Map 29

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

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Map Area

Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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

- 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

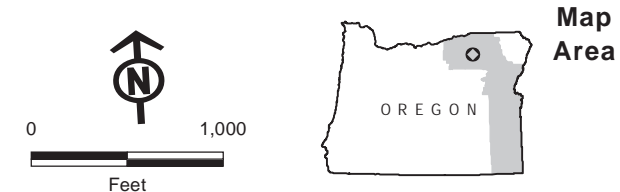
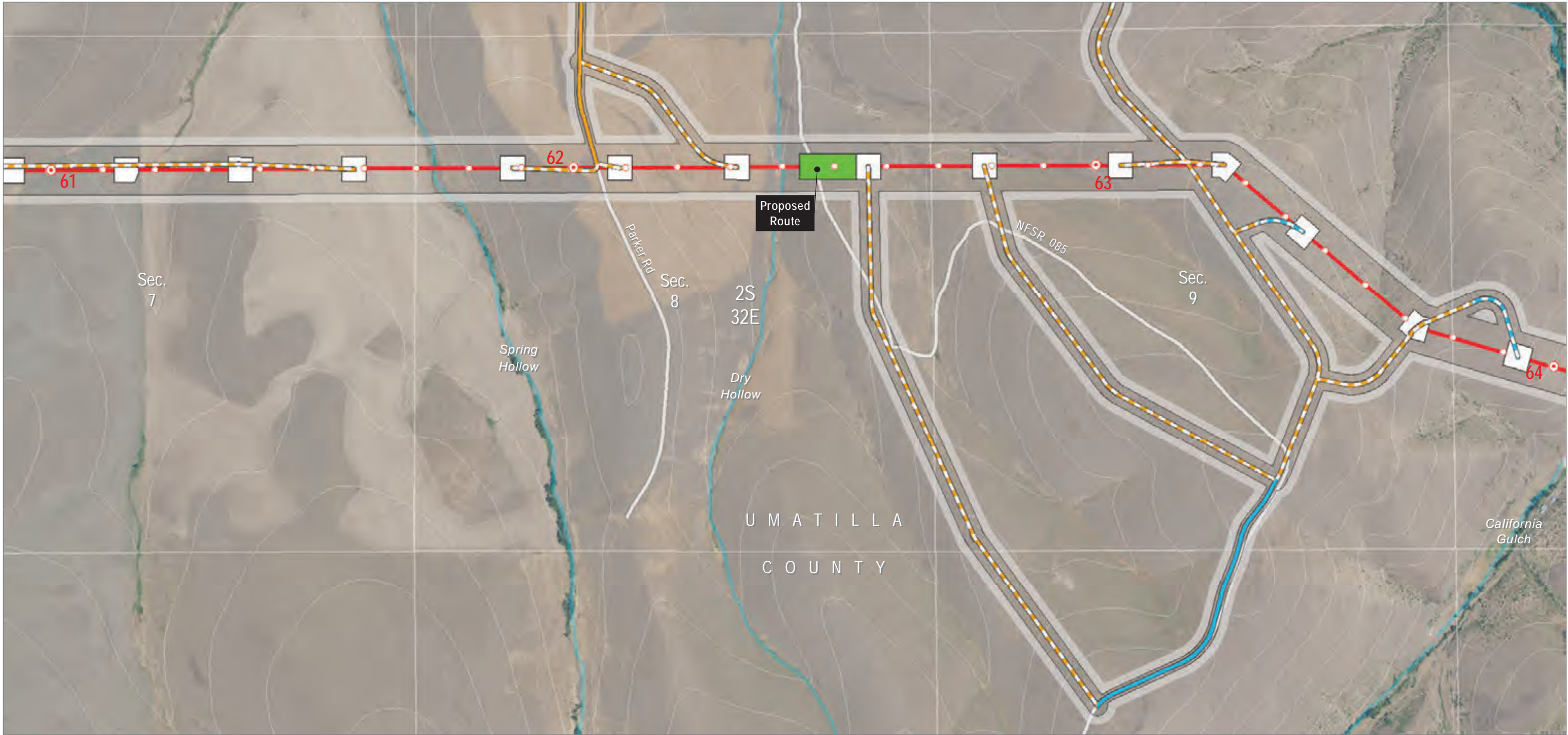
Boardman to Hemingway Transmission Line Project
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**Attachment C-2
Proposed Route Location Maps**

Umatilla County

Map 30



Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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, 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
 - Other Road
 - Stream
- Land Status**
- Private

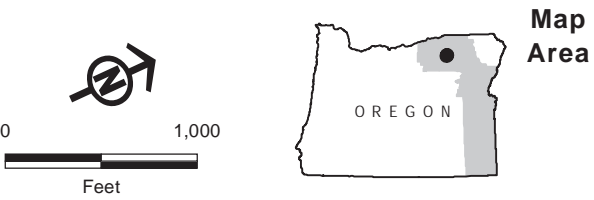
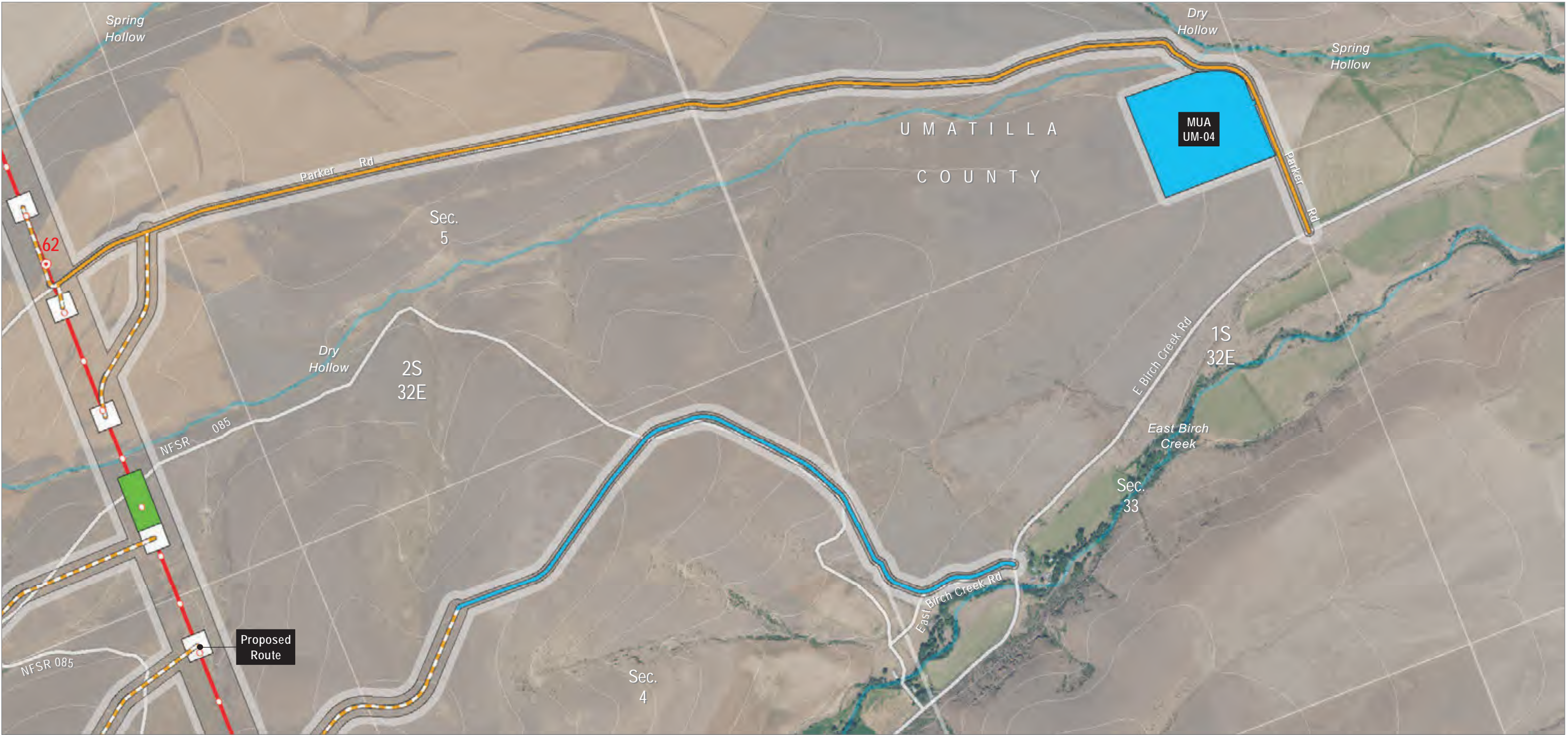
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Attachment C-2 Proposed Route Location Maps

Umatilla County

Map 31



Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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**
- 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

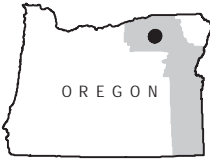
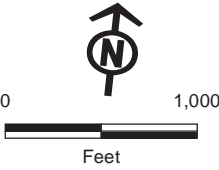
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**Attachment C-2
Proposed Route Location Maps**

Umatilla County

Map 32



Map Area

Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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, 21-70% Improvements
- Important Siting Constraints and Other Features**
- New Road, Bladed
 - New Road, Primitive
 - 100-foot Contours
 - Other Road
 - Stream
- Land Status**
- Private

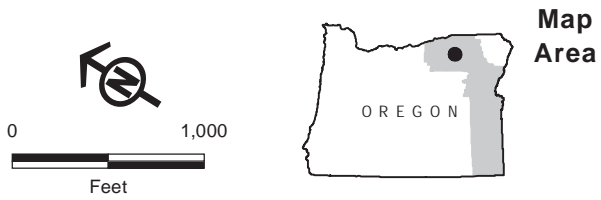
Boardman to Hemingway Transmission Line Project
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**Attachment C-2
Proposed Route Location Maps**

Umatilla County

Map 33



- 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

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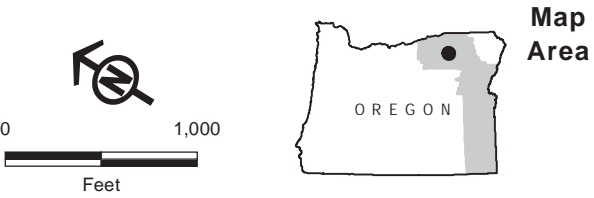
**Attachment C-2
Proposed Route Location Maps**

Umatilla County

Map 34

Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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
 - Structure Work Area
 - Access
 - 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

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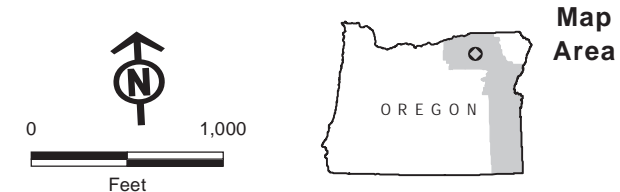
**Attachment C-2
Proposed Route Location Maps**

Umatilla County

Map 35

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

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Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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
- Important Siting Constraints and Other Features**
- 100-foot Contours
 - Other Road
 - Stream
- Land Status**
- Bureau of Land Management
 - Private
- Other Features**
- New Road, Bladed
 - New Road, Primitive

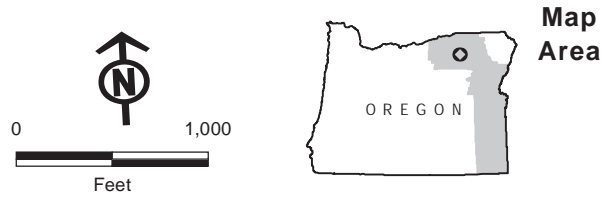
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-2 Proposed Route Location Maps

Umatilla County

Map 36




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

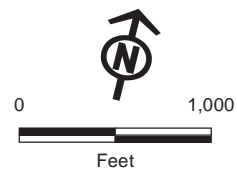
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- Project Features**
- Site Boundary
 - Work Areas
 - Multi-Use Area
- Important Siting Constraints and Other Features**
- 100-foot Contours
 - Other Road
 - Stream
- Land Status**
- Private

Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-2
Proposed Route Location Maps
Umatilla County
Map 37



Map Area

Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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

Important Siting Constraints and Other Features

- New Road, Primitive
- 100-foot Contours
- Other Road
- Stream
- Land Status**
 - Bureau of Land Management
 - Private

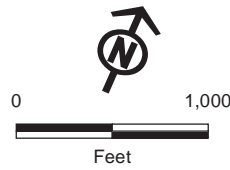
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



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

Umatilla County

Map 38



Map Area

Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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**
- 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

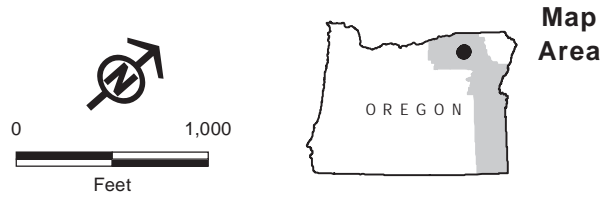
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



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

Umatilla County

Map 39



Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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**
 - Multi-Use Area
 - 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
- Other Road
- Stream

Land Status

- Private

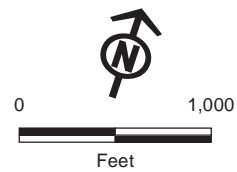
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-2 Proposed Route Location Maps

Umatilla County

Map 40



Map Area

Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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**
 - Communication Station
 - Multi-Use Area
 - 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
- Other Road
- Stream

Land Status

- Private

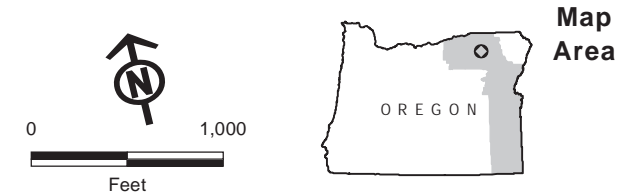
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



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

Umatilla County

Map 41



Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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, 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
 - Other Road
 - Stream
- Land Status**
- Private

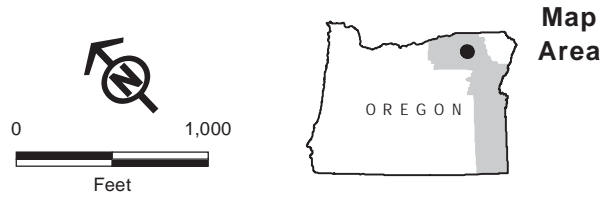
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



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

Umatilla County

Map 42



Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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, 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
 - Other Road
 - Railroad
 - Stream

Land Status

- Indian Reservation
- Private

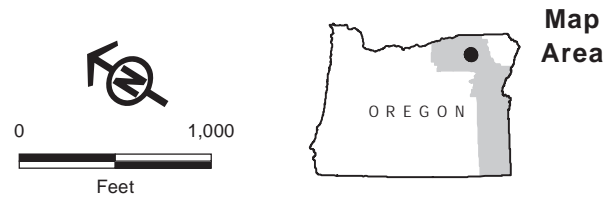
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-2 Proposed Route Location Maps

Umatilla County

Map 43



Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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**
 - Light-Duty Fly Yard
 - 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
- Other Road

Land Status

- Indian Reservation
- Private

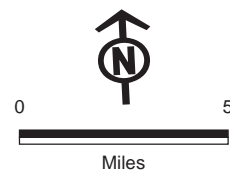
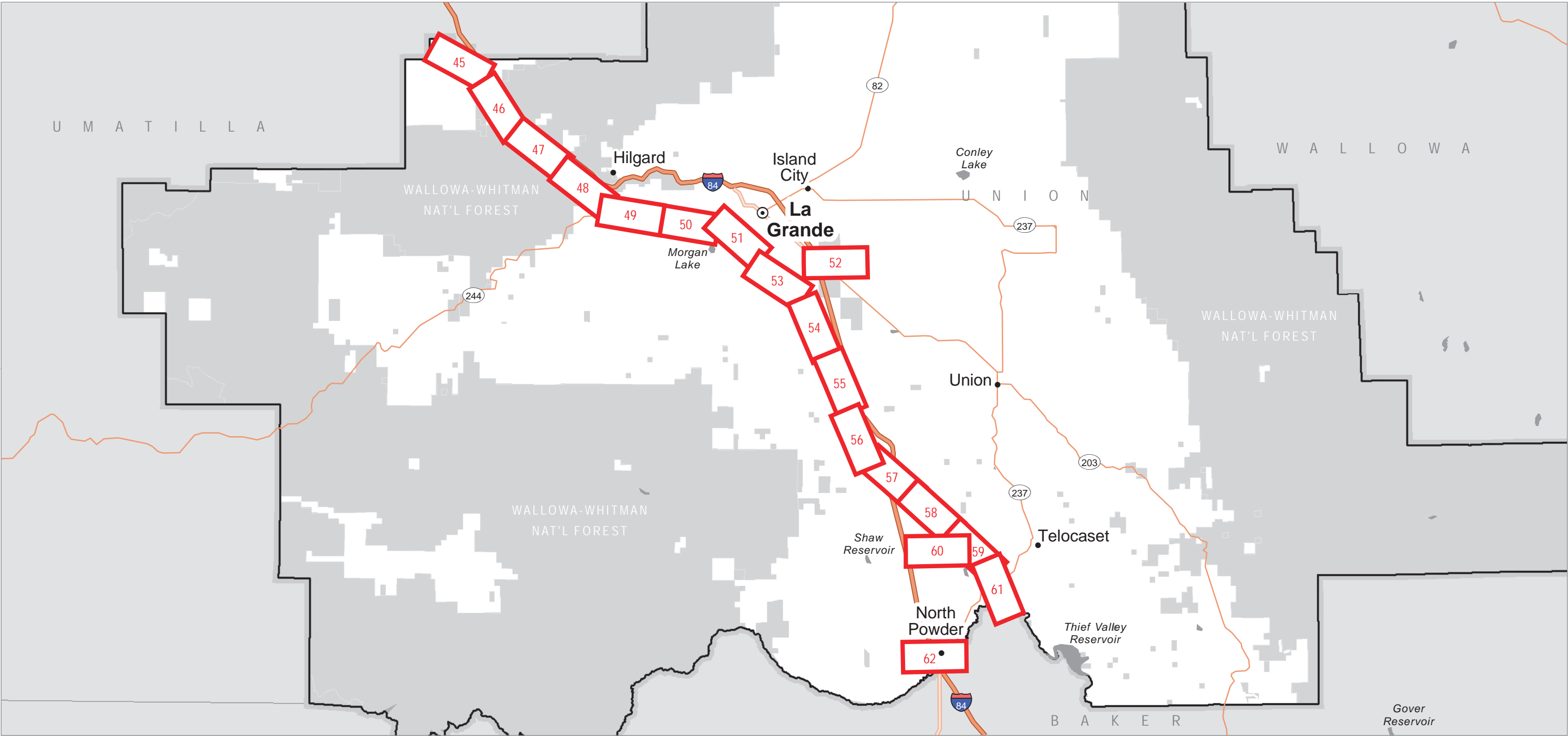
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-2 Proposed Route Location Maps

Umatilla County

Map 44



Source(s): BLM, IPC, Esri
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Map Index
[Red Rectangle] Location Map (Map #)

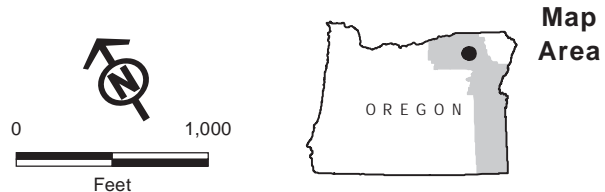
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



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

Union County

Map Index



Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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, 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
 - Existing Transmission Lines
 - Pipeline
 - Interstate
 - Road

- Railroad
- Stream
- Wallowa-Whitman NF Utility Corridor (MA-17)
- Oregon NHT Intact Segment (1/4-mile buffer)
- Protected Area (EFSC)
- Land Status**
 - Bureau of Land Management
 - Forest Service
 - Private

- State or Local
- State or Local Parks and Recreation or Wildlife

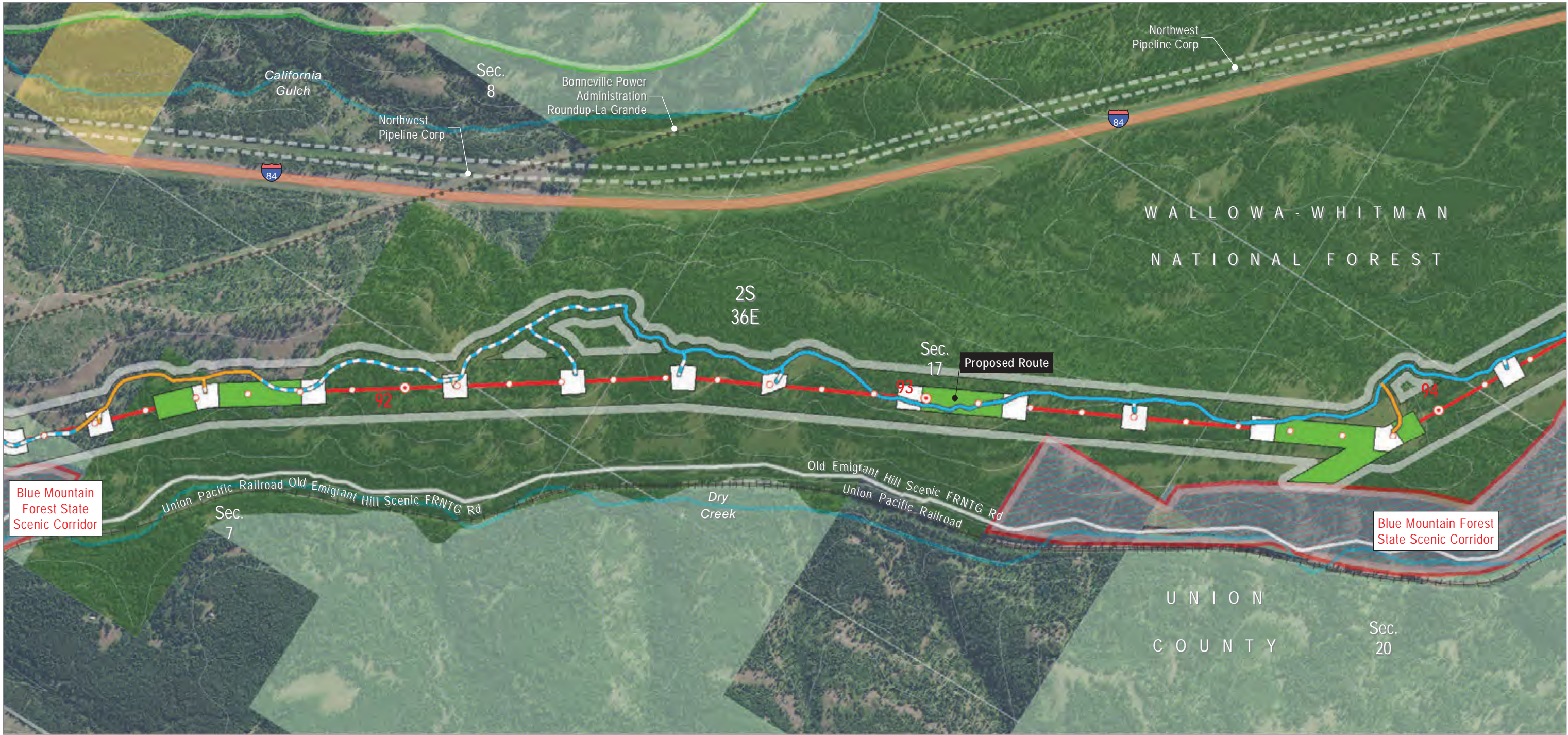
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



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

Union County

Map 45



Map Area

Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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, 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
- Existing Transmission Lines
- Pipeline
- Interstate
- Road

Railroad

- Stream
- Wallowa-Whitman NF Utility Corridor (MA-17)
- Oregon NHT Intact Segment (1/4-mile buffer)
- Protected Area (EFSC)

Land Status

- Bureau of Land Management
- Forest Service
- Private

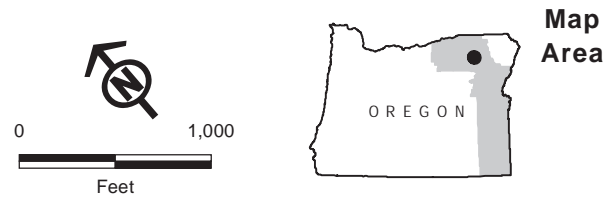
State or Local Parks and Recreation or Wildlife

Boardman to Hemingway Transmission Line Project
Application for Site Certificate

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

Union County

Map 46



Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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, 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
- Existing Transmission Lines
- Pipeline
- Interstate
- Road

- Railroad
- Stream
- Wallowa-Whitman NF Utility Corridor (MA-17)
- Protected Area (EFSC)
- Land Status**
 - Forest Service
 - Private
 - State or Local Parks and Recreation or Wildlife

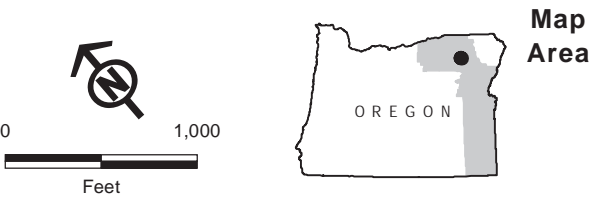
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-2 Proposed Route Location Maps

Union County

Map 47



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

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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, Bladed
- New Road, Primitive

Important Siting Constraints and Other Features

- 100-foot Contours
- Existing Transmission Lines
- Pipeline
- Interstate

Road

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

Land Status

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

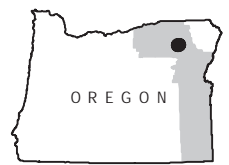
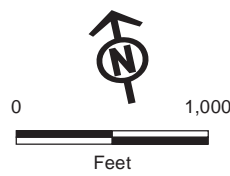
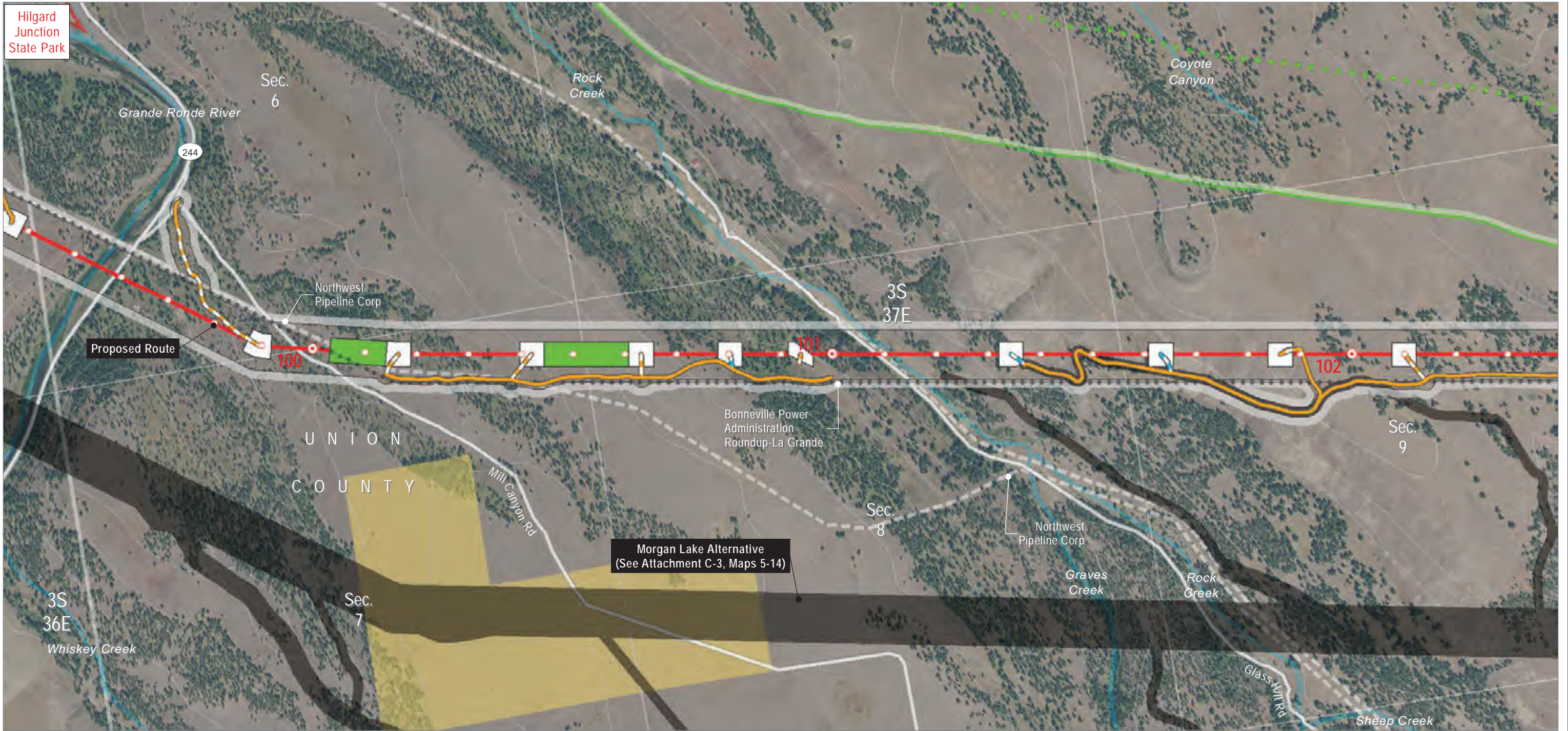
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



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

Union County

Map 48



Map Area

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

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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, Bladed
- New Road, Primitive

Important Siting Constraints and Other Features

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

Pipeline

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

Protected Area (EFSC)

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

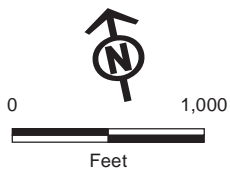
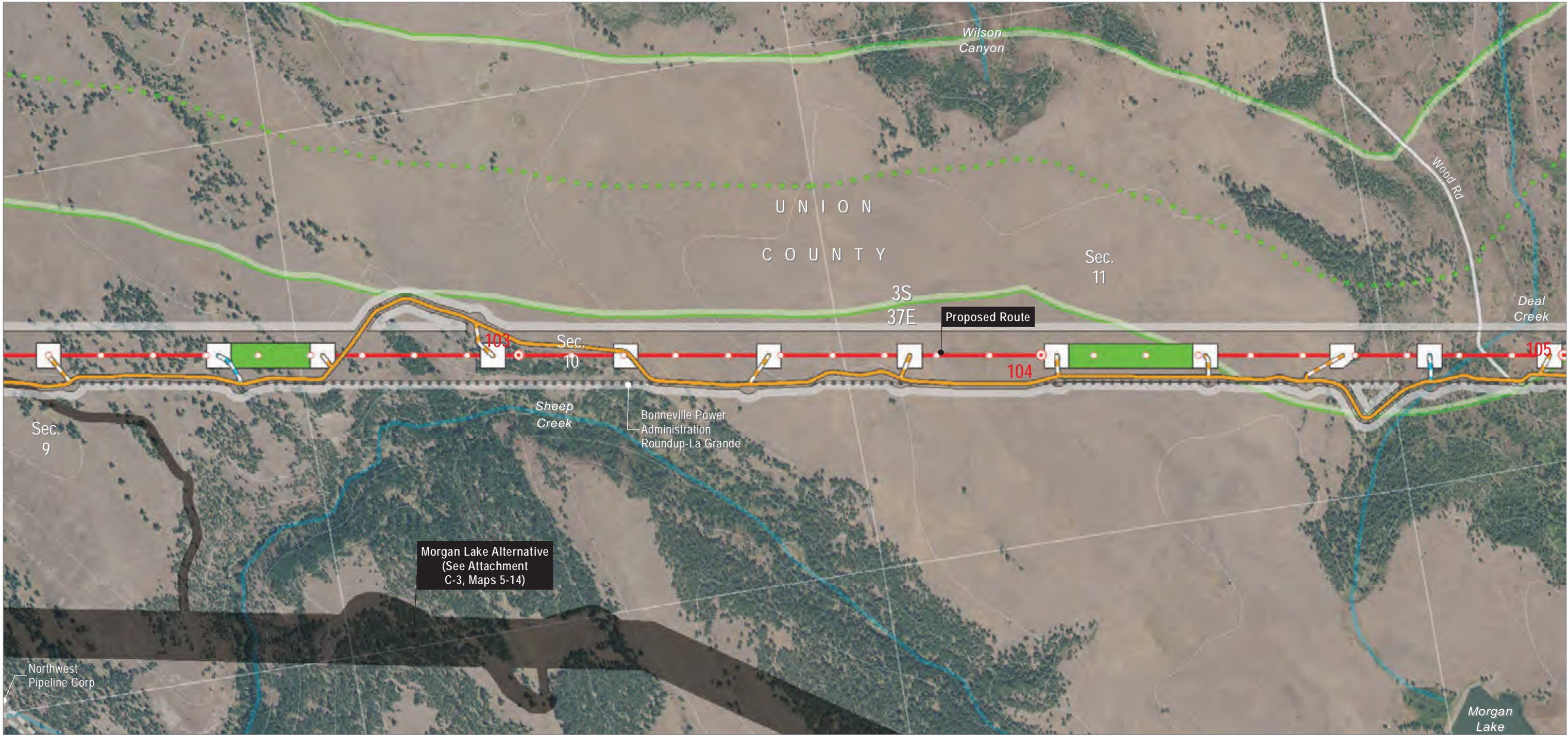
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



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

Union County

Map 49



Map Area

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

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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, Bladed
- New Road, Primitive

Important Siting Constraints and Other Features

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

Pipeline

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

Land Status

- Private

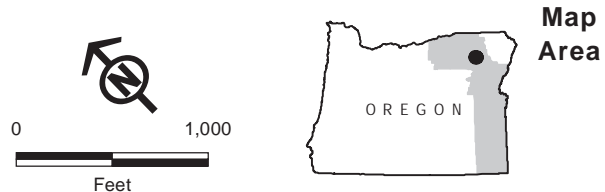
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



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

Union County

Map 50



Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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**
- 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)
 - Pipeline
 - Road
 - Stream
 - City Limits
 - Oregon NHT Intact Segment (1/4-mile buffer)
- Land Status**
- Private

Boardman to Hemingway Transmission Line Project
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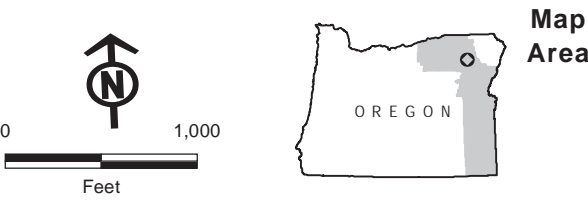


Attachment C-2 Proposed Route Location Maps

Union County

Map 51

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

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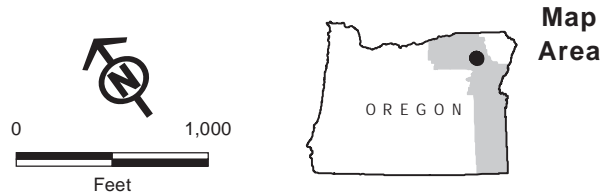
Boardman to Hemingway Transmission Line Project
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Attachment C-2
Proposed Route Location Maps

Union County

Map 52



Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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, 21-70% Improvements

- New Road, Bladed
- New Road, Primitive
- Important Siting Constraints and Other Features**
 - 100-foot Contours
 - Existing Transmission Lines
 - Pipeline
 - Road
 - Scenic Byway (Type)
 - Stream

- Airport Controlled Airspace (Height Restrictions Apply)
- Protected Area (EFSC)
- Land Status**
 - Private
 - State or Local Parks and Recreation or Wildlife

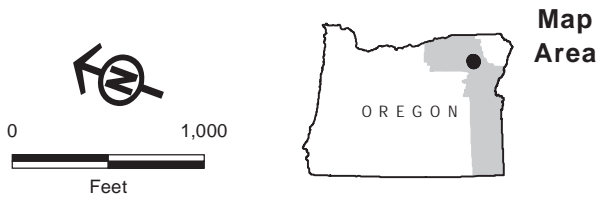
Boardman to Hemingway Transmission Line Project
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**Attachment C-2
Proposed Route Location Maps**

Union County

Map 53



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

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Project Features

- Site Boundary
- Alternative
- 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
- New Road, Bladed
- New Road, Primitive

Important Siting Constraints and Other Features

- 100-foot Contours
- Existing Transmission Lines
- Pipeline
- Road

Scenic Byway (Type)

- Airport Controlled Airspace (Height Restrictions Apply)
- Oregon NHT Intact Segment (1/4-mile buffer)

Protected Area (EFSC)

Land Status

- Private
- State or Local Parks and Recreation or Wildlife

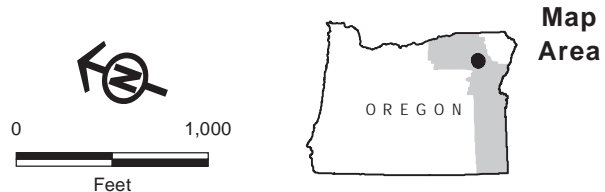
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



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

Union County

Map 54



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

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- | | | |
|---|---|--|
| Project Features <ul style="list-style-type: none">Site BoundaryAlternativeTransmission CenterlineMileposts<ul style="list-style-type: none">MileTenth-mileWork Areas<ul style="list-style-type: none">Pulling and TensioningStructure Work Area | Access <ul style="list-style-type: none">Existing Road, Substantial Modification, 21-70% ImprovementsNew Road, BladedNew Road, Primitive Important Siting Constraints and Other Features <ul style="list-style-type: none">100-foot ContoursExisting Transmission LinesOregon National Historic Trail (NHT) | Land Status <ul style="list-style-type: none">Private Other Features <ul style="list-style-type: none">PipelineInterstateRoadStreamOregon NHT Intact Segment (1/4-mile buffer) |
|---|---|--|

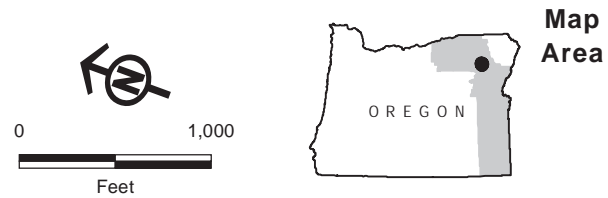
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-2 Proposed Route Location Maps

Union County

Map 55



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

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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
- Existing Road, Substantial Modification, 71-100% 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
- Interstate
- Stream
- Oregon NHT Intact Segment (1/4-mile buffer)

Land Status

- Private

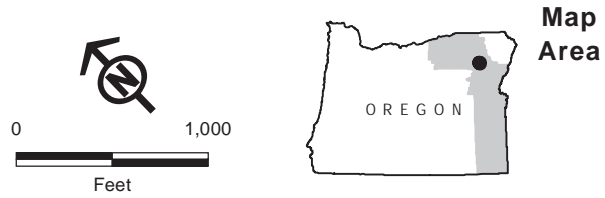
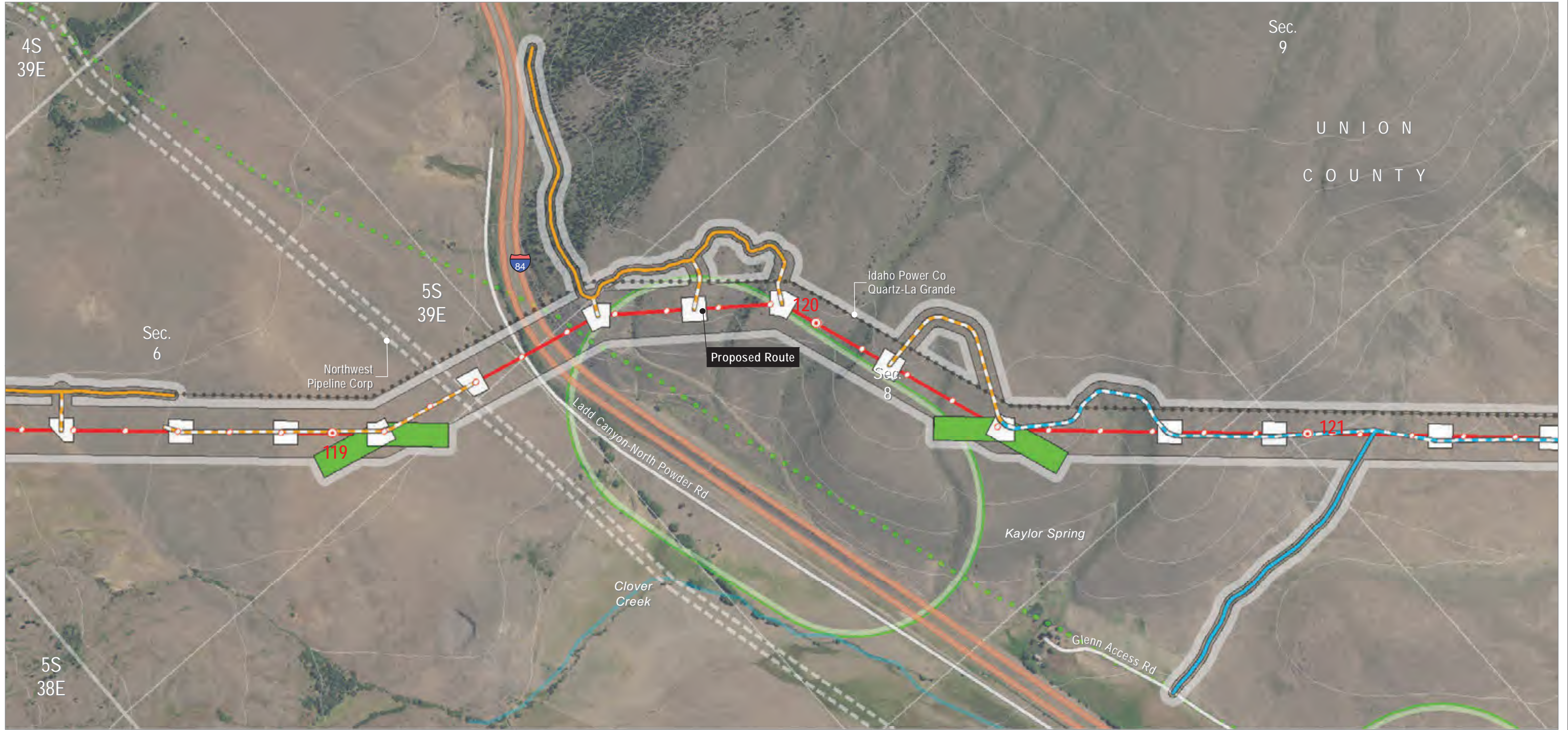
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-2 Proposed Route Location Maps

Union County

Map 56



Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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, 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
Existing Transmission Lines
Oregon National Historic Trail (NHT)
Pipeline | Interstate
Road
Stream
Oregon NHT Intact Segment (1/4-mile buffer)
Land Status
Private |
|--|--|--|

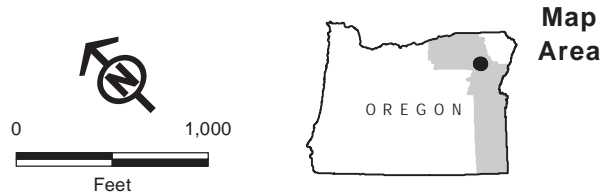
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-2 Proposed Route Location Maps

Union County

Map 57



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

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- | | | |
|--|---|--|
| Project Features | Existing Road,
Substantial Modification,
71-100% Improvements | Oregon NHT Intact
Segment (1/4-mile buffer) |
| Site Boundary | New Road, Bladed | Land Status |
| Transmission Centerline | New Road, Primitive | Private |
| Mileposts | Important Siting
Constraints and Other
Features | |
| Mile | 100-foot Contours | |
| Tenth-mile | Existing Transmission
Lines | |
| Work Areas | Road | |
| Pulling and Tensioning | Stream | |
| Structure Work Area | | |
| Access | | |
| Existing Road,
Substantial Modification,
21-70% Improvements | | |

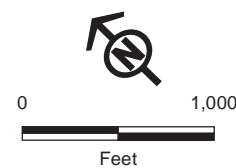
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-2 Proposed Route Location Maps

Union County

Map 58



Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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, 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
 - Existing Transmission Lines
 - Road
 - Stream

Land Status

- Private

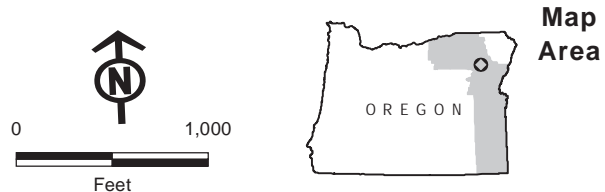
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-2 Proposed Route Location Maps

Union County

Map 59



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

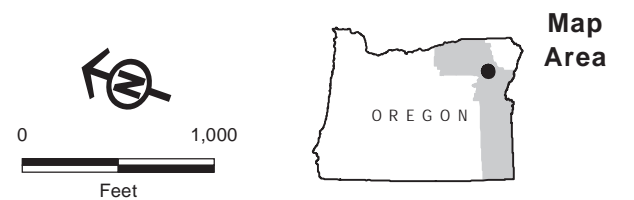
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- Project Features**
- Site Boundary
 - Transmission Centerline
 - Mileposts
 - Mile
 - Tenth-mile
 - Work Areas
 - Multi-Use Area
 - Pulling and Tensioning
 - Structure Work Area
- Access**
- Existing Road, Substantial Modification, 71-100% Improvements
 - New Road, Bladed
 - New Road, Primitive
- Important Siting Constraints and Other Features**
- 100-foot Contours
 - Existing Transmission Lines
 - Oregon National Historic Trail (NHT)
- Land Status**
- Interstate
 - Road
 - Stream
 - Private

Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-2
Proposed Route Location Maps
Union County
Map 60



Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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**
 - 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

- Road
- Railroad
- Stream

Land Status

- Private

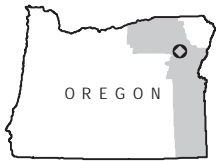
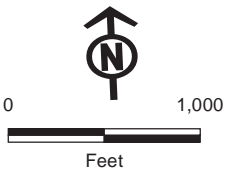
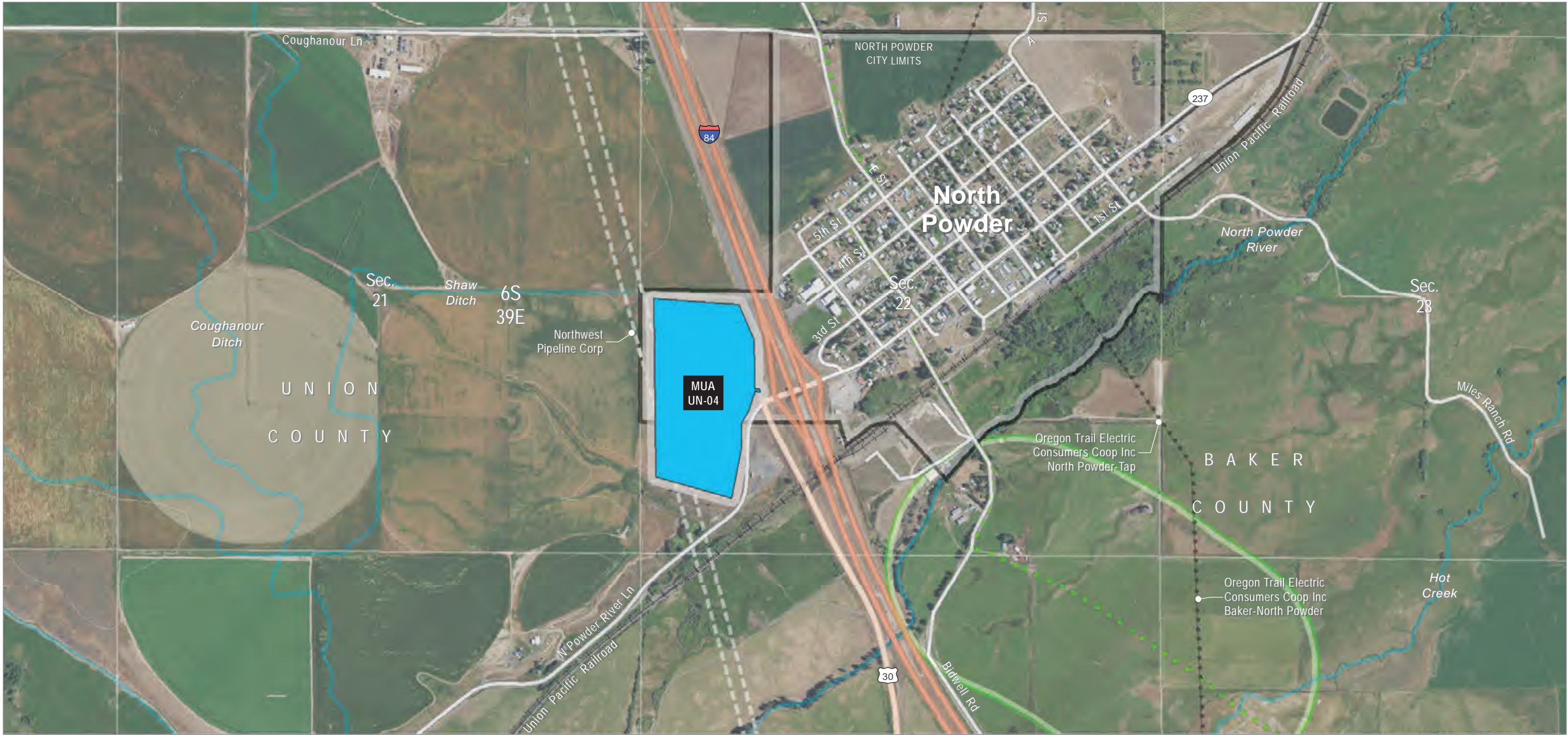
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-2 Proposed Route Location Maps

Union County

Map 61



Map Area

Project Features

Site Boundary

Work Areas

Multi-Use Area

Important Siting Constraints and Other Features

100-foot Contours

Existing Transmission Lines

Oregon National Historic Trail (NHT)

Pipeline

Interstate

Highway

Road

Railroad

Stream

City Limits

Oregon NHT Intact

Segment (1/4-mile buffer)

Land Status

Private

Boardman to Hemingway Transmission Line Project
Application for Site Certificate



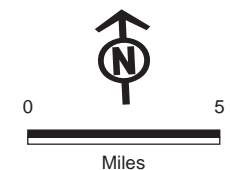
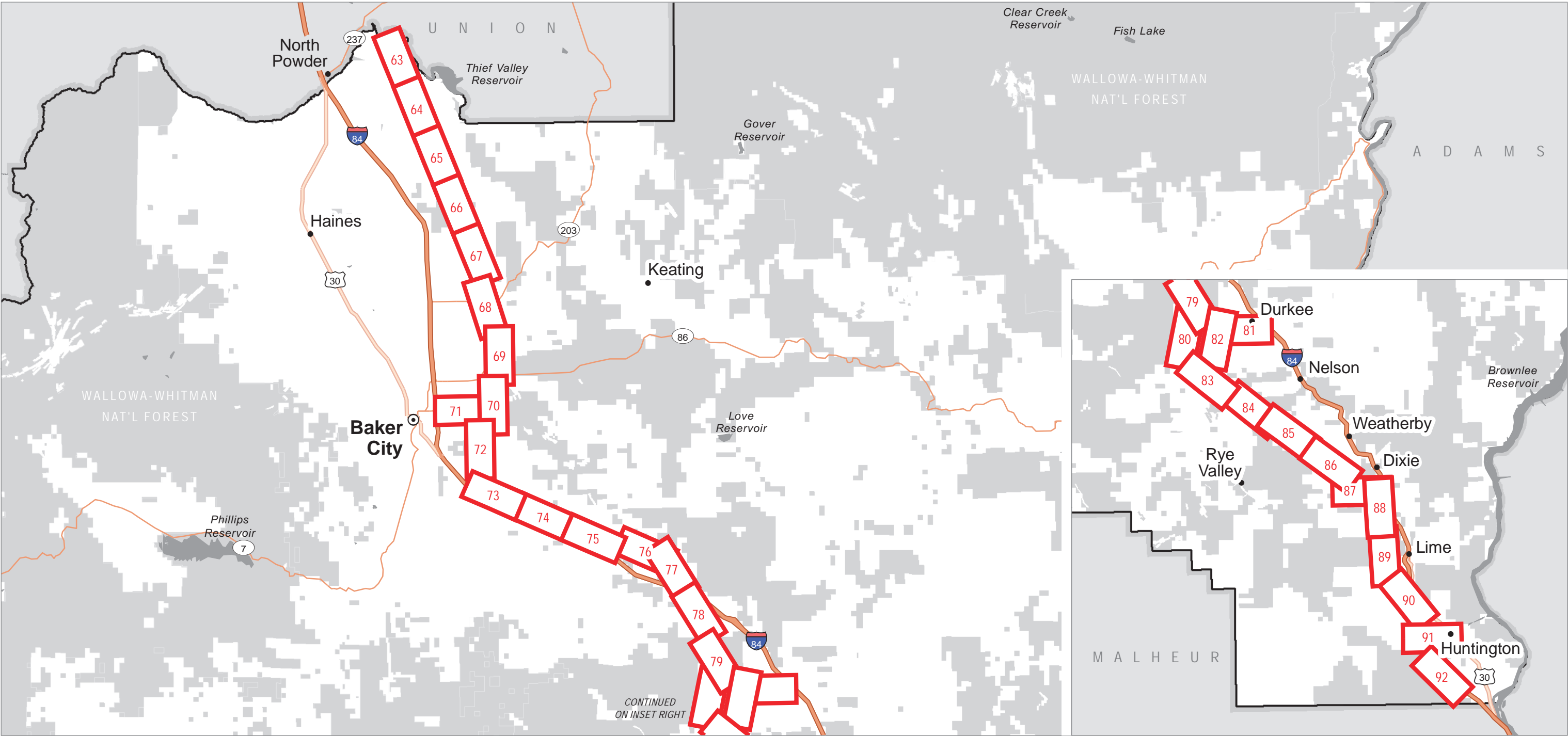
**Attachment C-2
Proposed Route Location Maps**

Union County

Map 62

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

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Map Index
[Red Box] Location Map (Map #)

Boardman to Hemingway Transmission Line Project
Application for Site Certificate

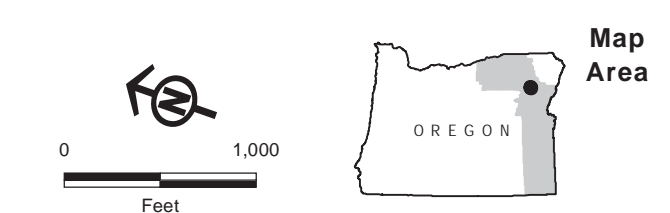


Attachment C-2
Proposed Route Location Maps

Baker County

Map Index

Source(s): BLM, IPC, Esri
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ASC\Exhibits\C_Project Location\Maps\Attachment C-2\Index_Baker.mxd



Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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, 21-70% Improvements
- Important Siting Constraints and Other Features**
- New Road, Bladed
 - New Road, Primitive
 - 100-foot Contours
 - Existing Transmission Lines
 - Railroad
 - Stream
 - Land Status
 - Bureau of Land Management
 - Private

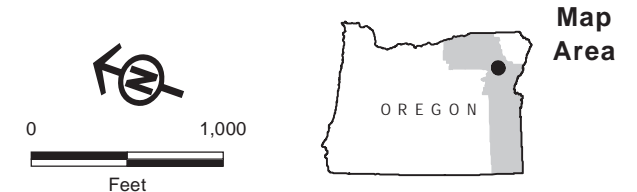
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-2 Proposed Route Location Maps

Baker County

Map 63



Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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, 21-70% Improvements
- Important Siting Constraints and Other Features**
- New Road, Primitive
 - 100-foot Contours
 - Existing Transmission Lines
 - Other Road
 - Stream
 - Sage-grouse Core Area
- Land Status**
- Private

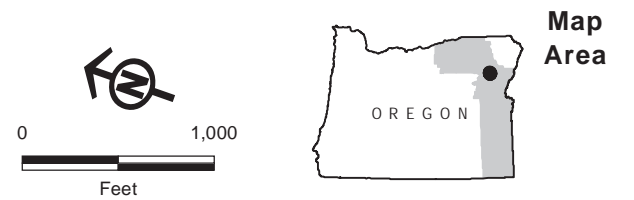
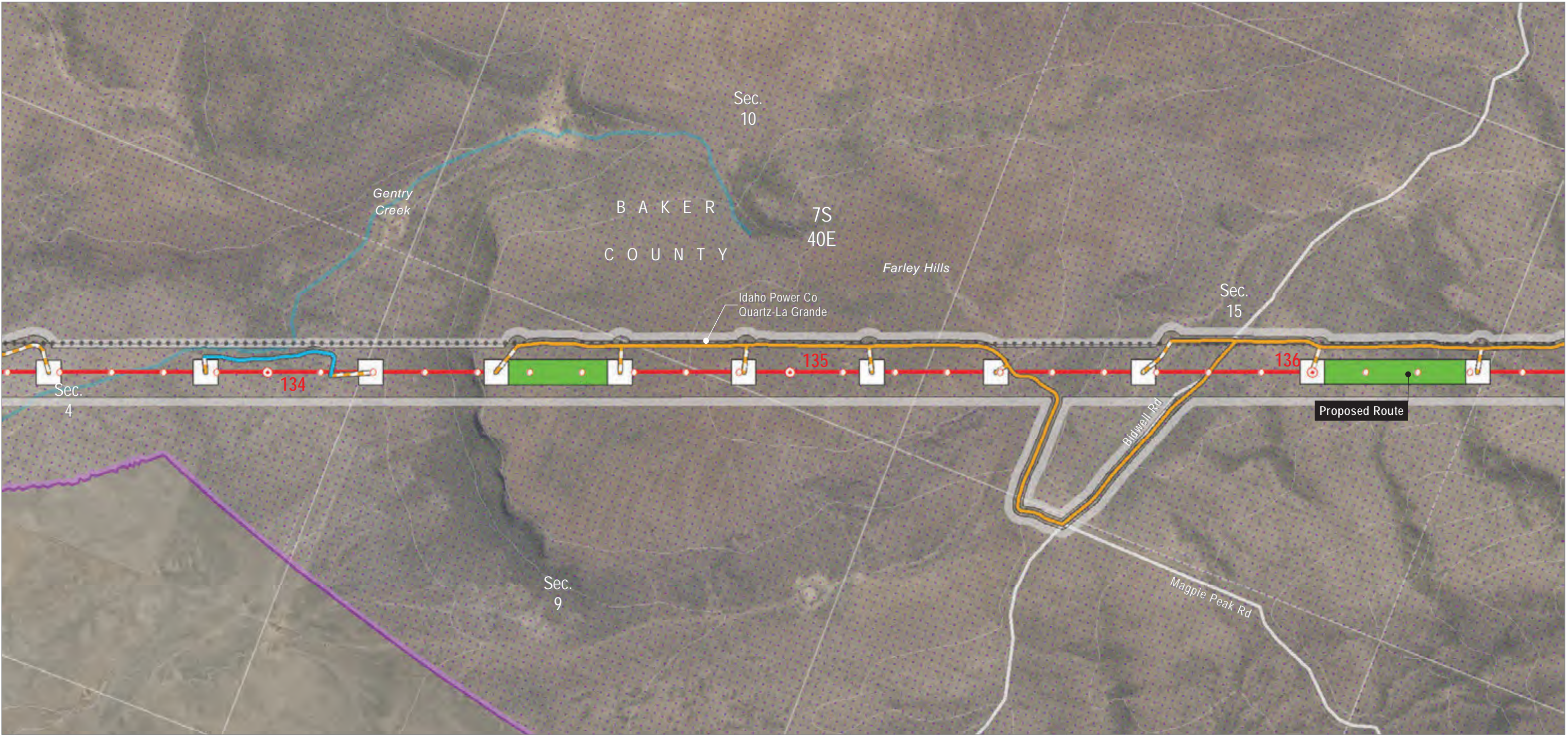
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



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

Baker County

Map 64



Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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, 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
 - Other Road
 - Stream
 - Sage-grouse Core Area

Land Status

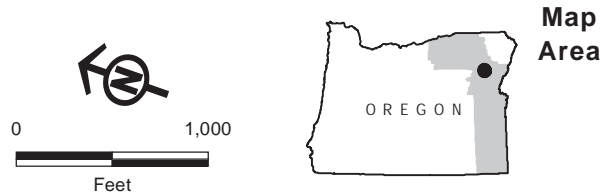
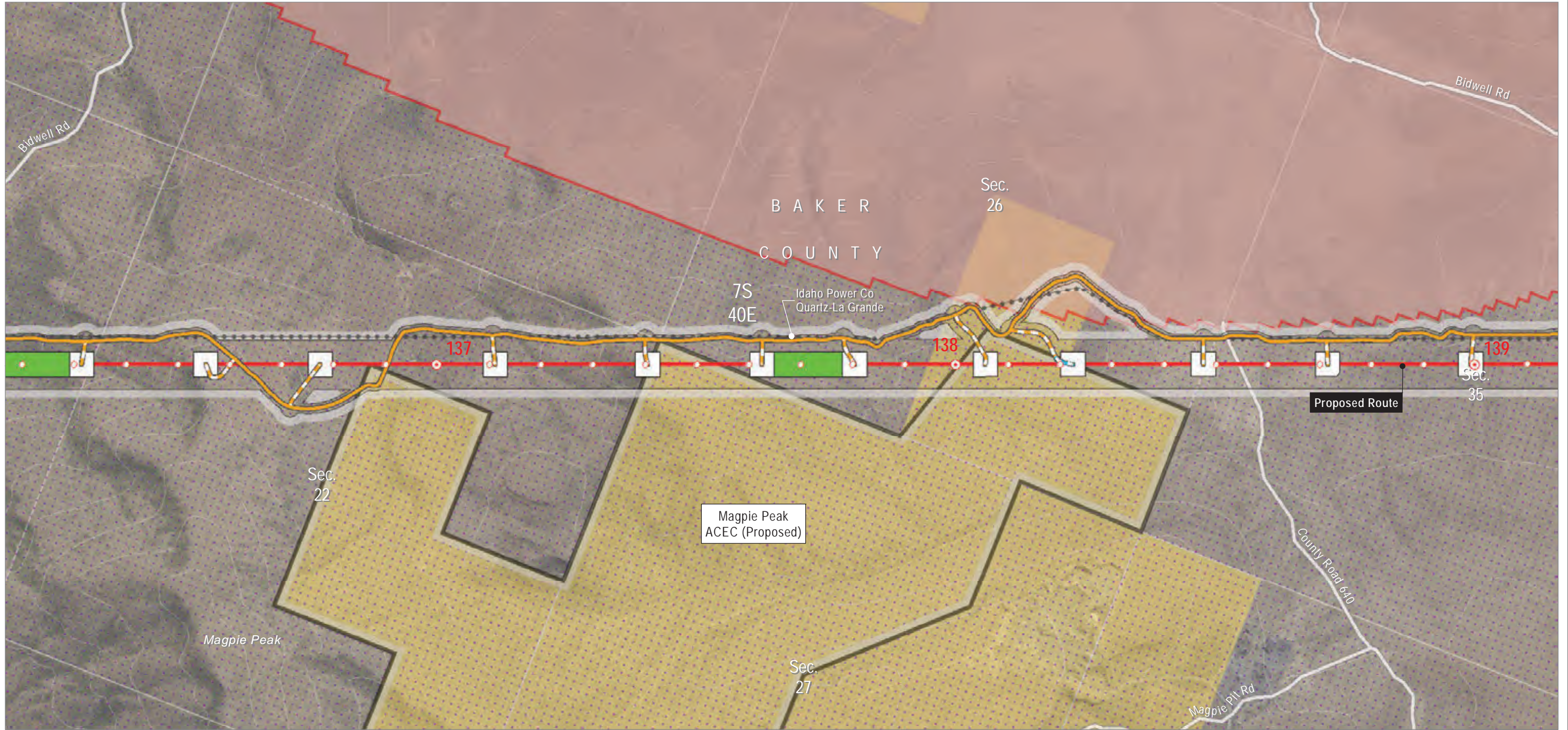
- Private

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

Baker County
Map 65



Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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,
21-70% Improvements | New Road, Bladed
New Road, Primitive
Important Siting Constraints and Other Features
100-foot Contours
Existing Transmission Lines
Other Road
Magpie Peak ACEC (Proposed)
Sage-grouse Core Area | Sage-grouse Areas of Population Richness
Land Status
Bureau of Land Management
Private |
|--|---|--|

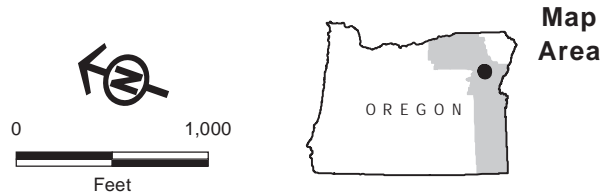
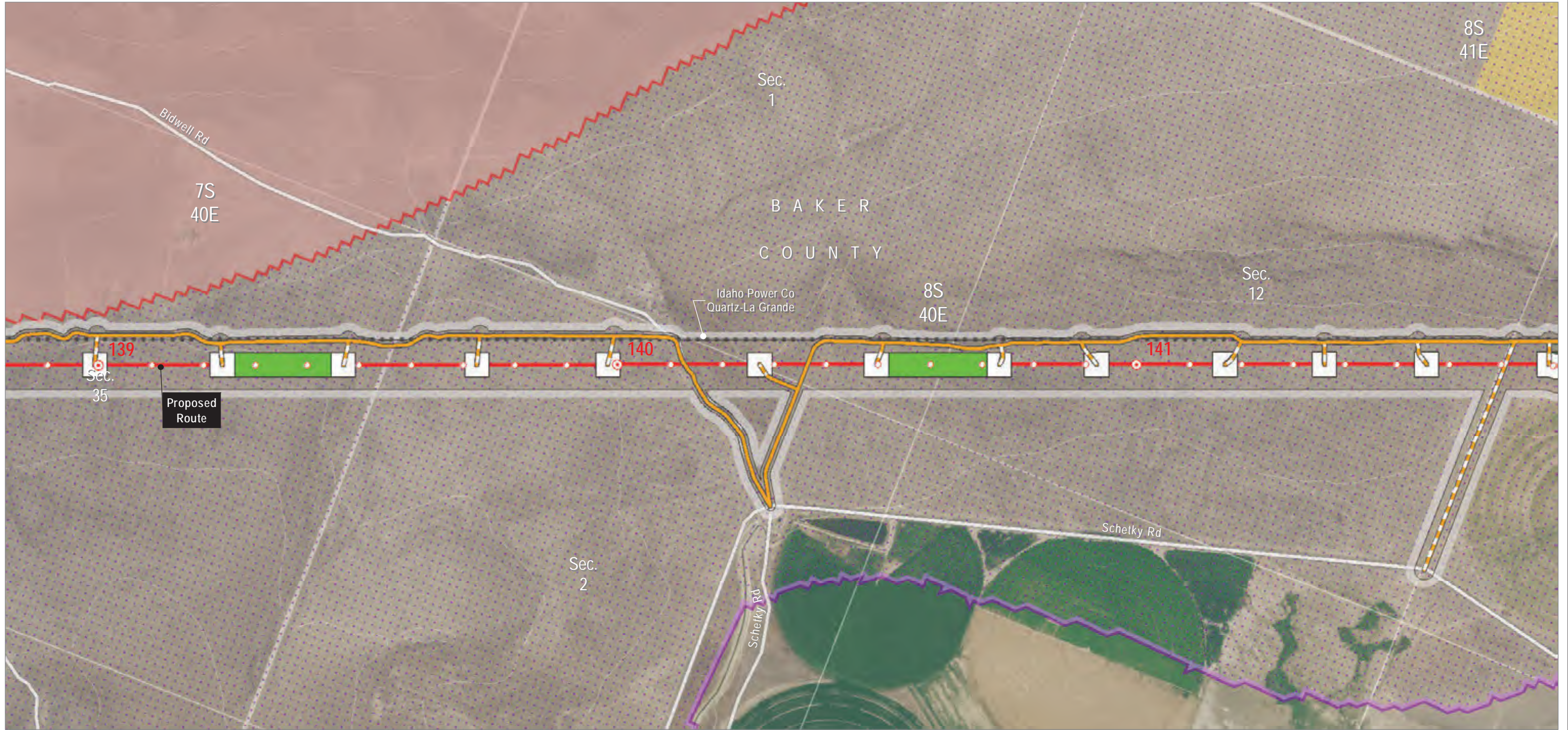
Boardman to Hemingway Transmission Line Project
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Attachment C-2 Proposed Route Location Maps

Baker County

Map 66



Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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,
21-70% Improvements | New Road, Primitive
Important Siting Constraints and Other Features
100-foot Contours
Existing Transmission Lines
Other Road
Sage-grouse Core Area
Sage-grouse Areas of Population Richness | Land Status
Bureau of Land Management
Private |
|--|--|--|

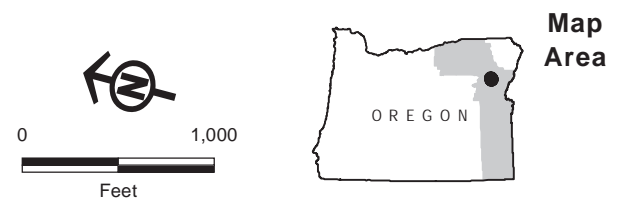
Boardman to Hemingway Transmission Line Project
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Attachment C-2 Proposed Route Location Maps

Baker County

Map 67



- 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, Bladed
 - New Road, Primitive
- Important Siting 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

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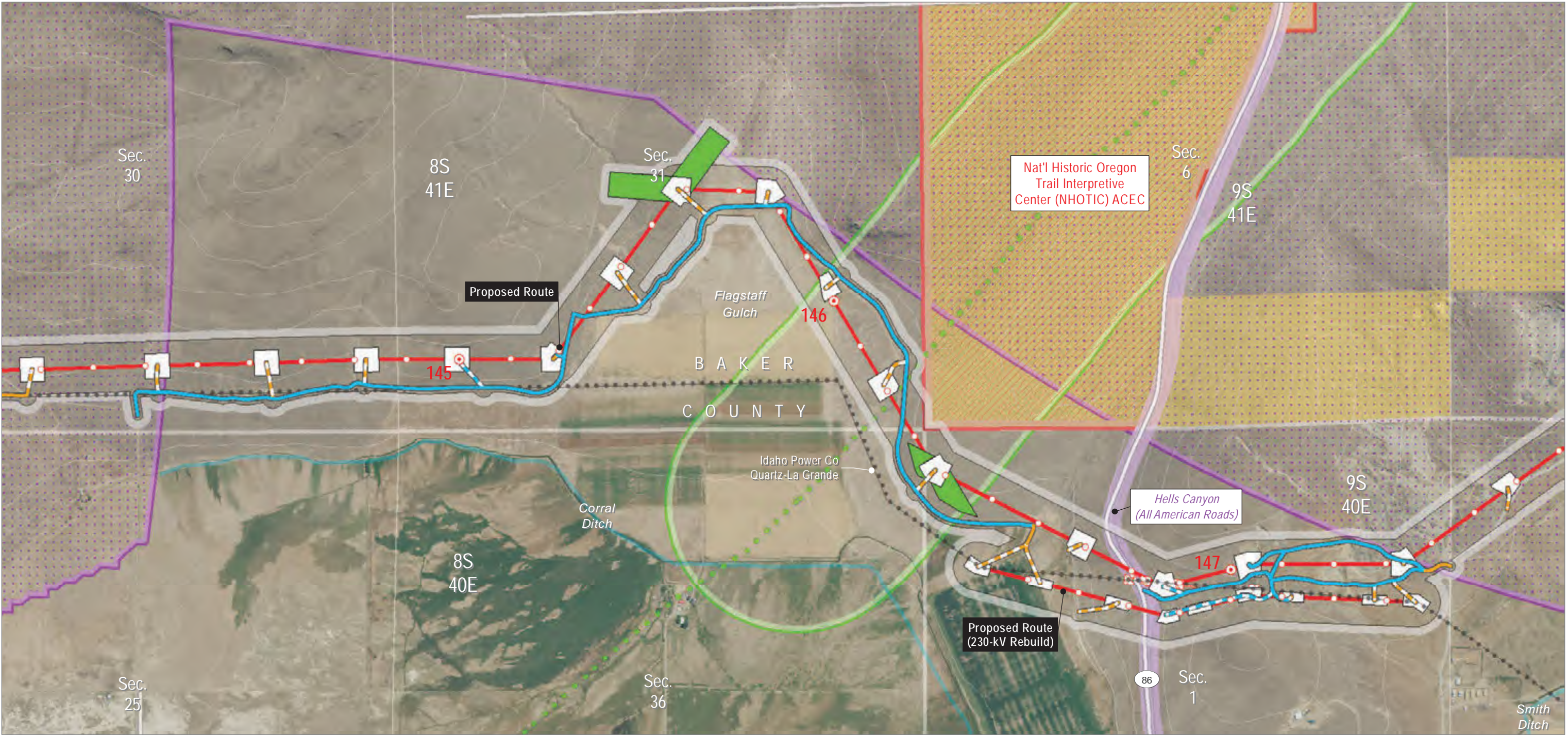
Attachment C-2 Proposed Route Location Maps

Baker County

Map 68

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

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Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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
 - Structure Work Area (Removal Only)

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

Existing Transmission Lines

- Oregon National Historic Trail (NHT)
- Other Road
- Scenic Byway (Type)
- Stream
- Oregon NHT Intact Segment (1/4-mile buffer)
- Protected Area (EFSC)
- Sage-grouse Core Area

Land Status

- Bureau of Land Management
- Private

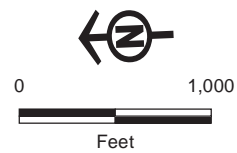
Boardman to Hemingway Transmission Line Project
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**Attachment C-2
Proposed Route Location Maps**

Baker County

Map 69



Map Area

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

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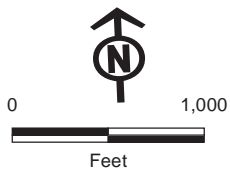
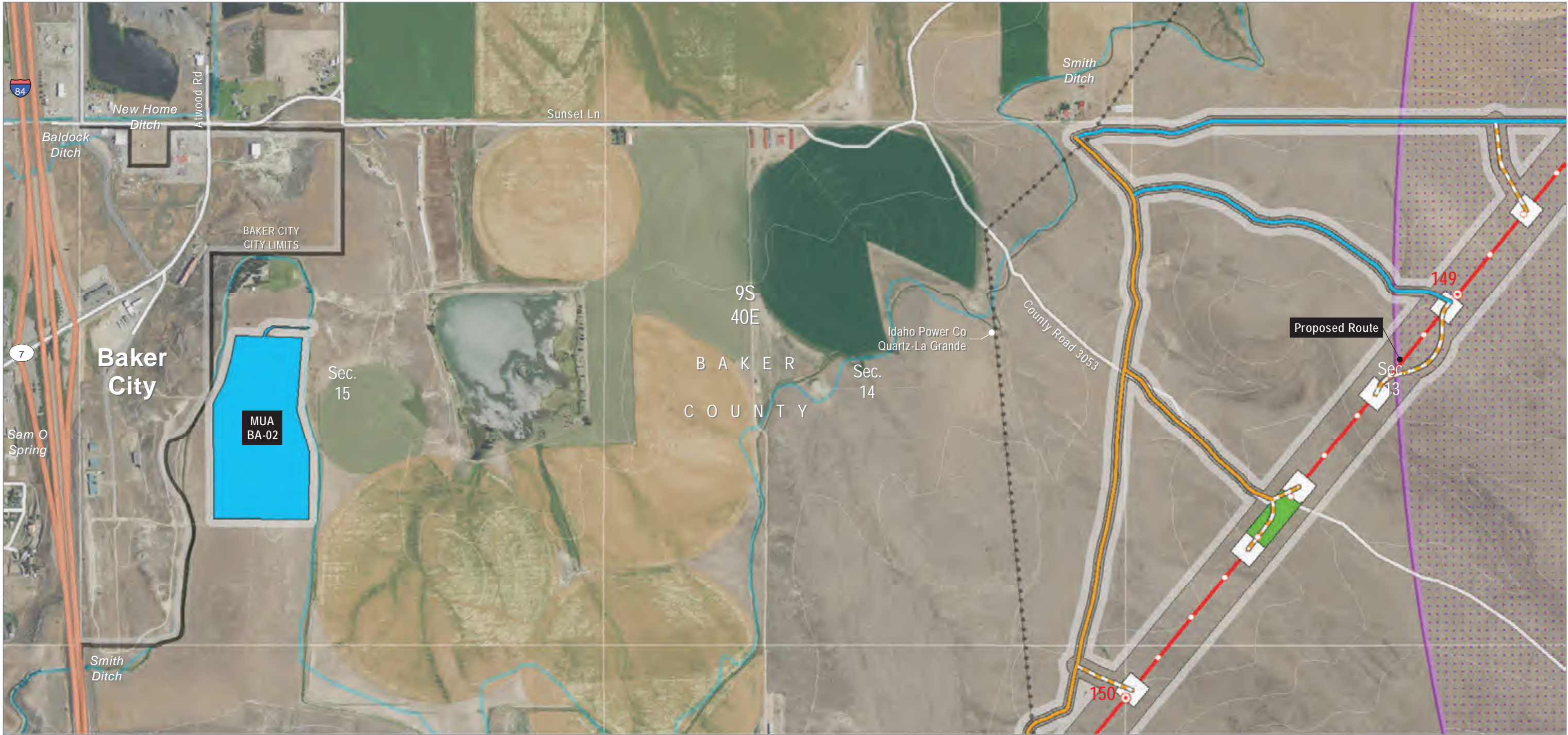
Boardman to Hemingway Transmission Line Project
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**Attachment C-2
Proposed Route Location Maps**

Baker County

Map 70



Map Area

Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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
 - 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

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

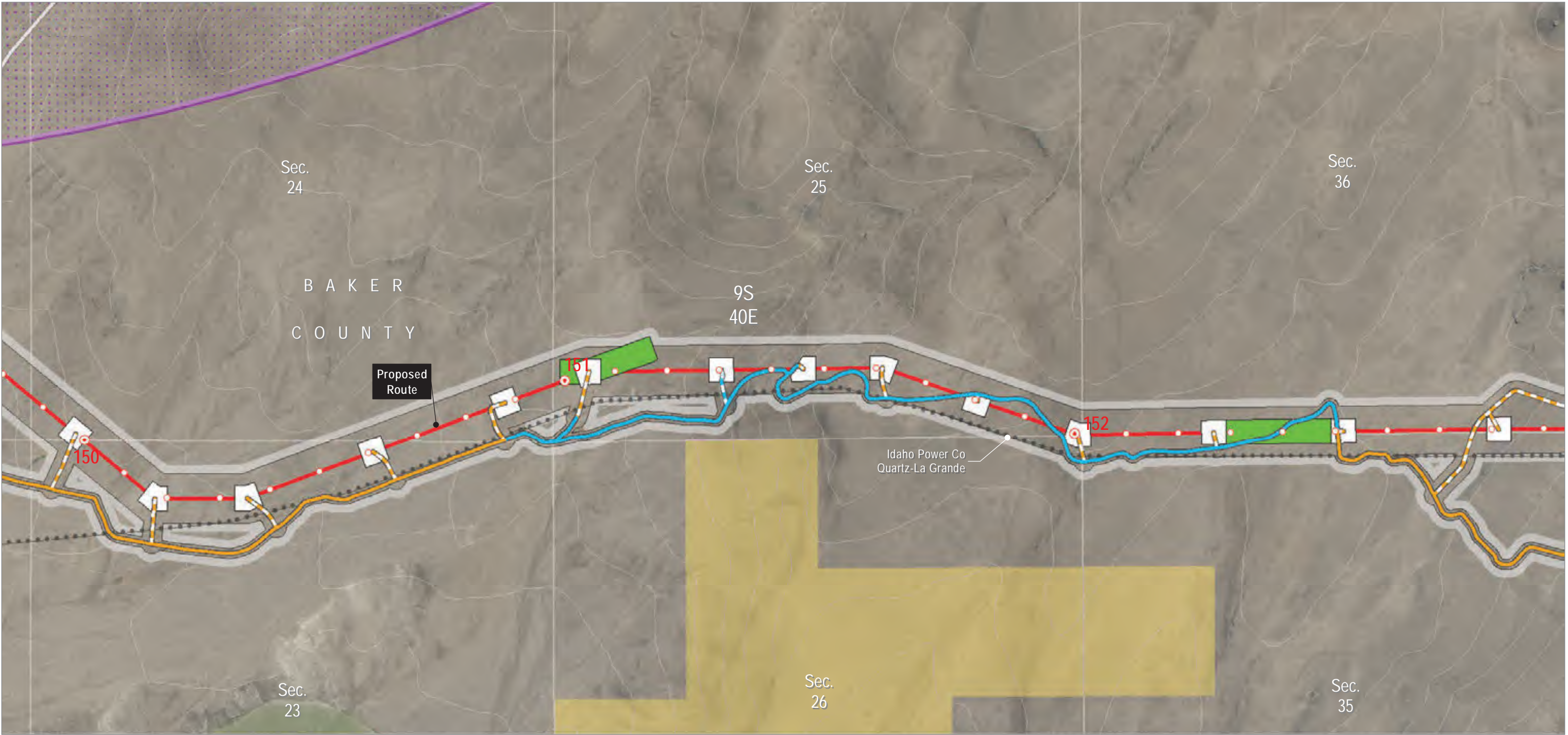
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-2
Proposed Route Location Maps

Baker County

Map 71



Map Area

OREGON

Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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, 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
- Existing Transmission Lines
- Other Road
- Sage-grouse Core Area

Land Status

- Bureau of Land Management
- Private

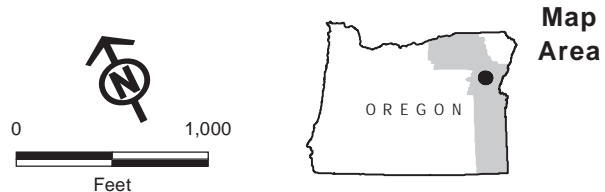
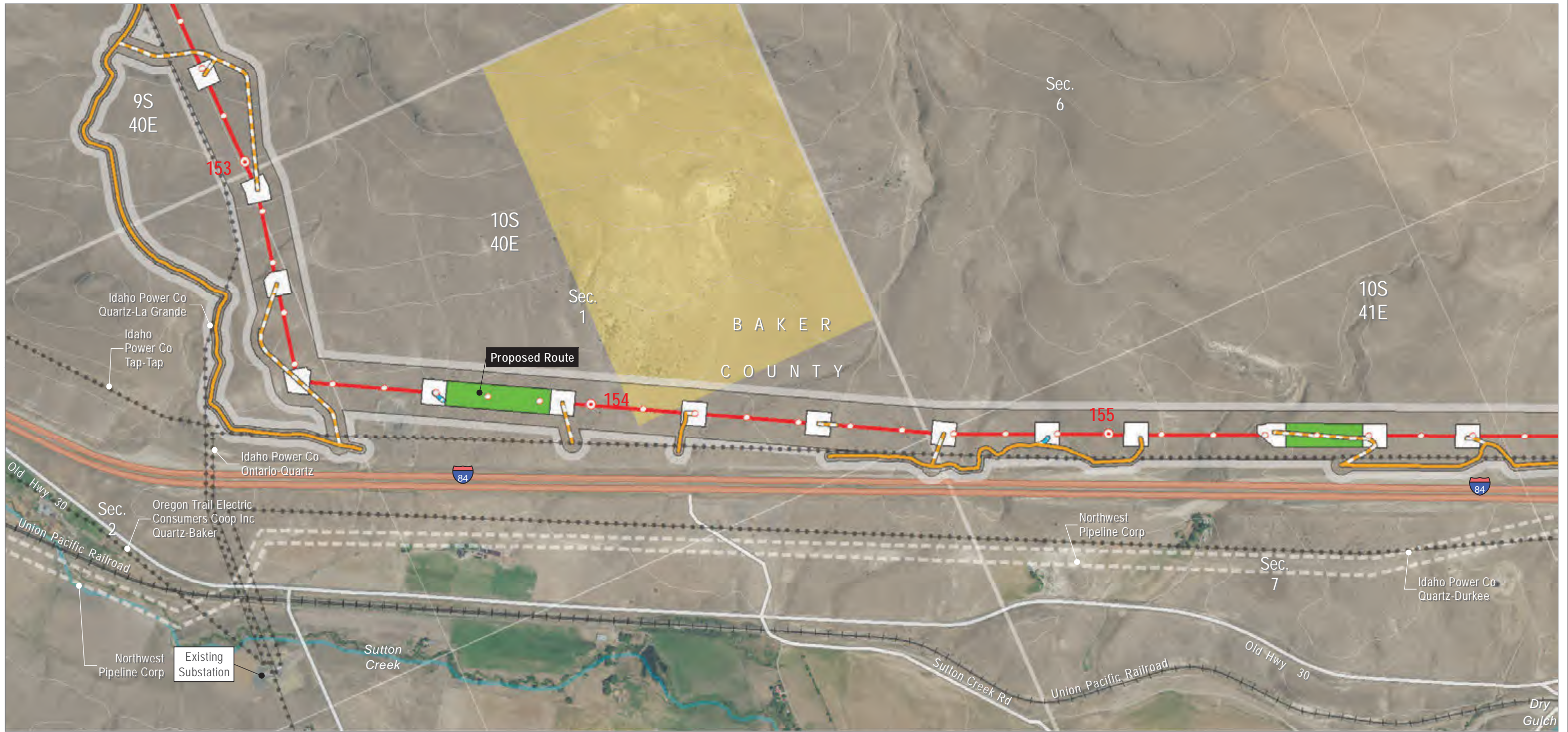
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



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

Baker County

Map 72



Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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, 21-70% Improvements

Land Status

- New Road, Bladed
- New Road, Primitive
- Bureau of Land Management
- Private

Important Siting Constraints and Other Features

- 100-foot Contours
- Existing Transmission Lines
- Pipeline
- Interstate
- Other Road
- Railroad
- Stream

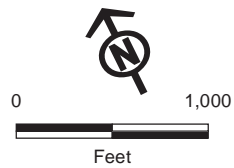
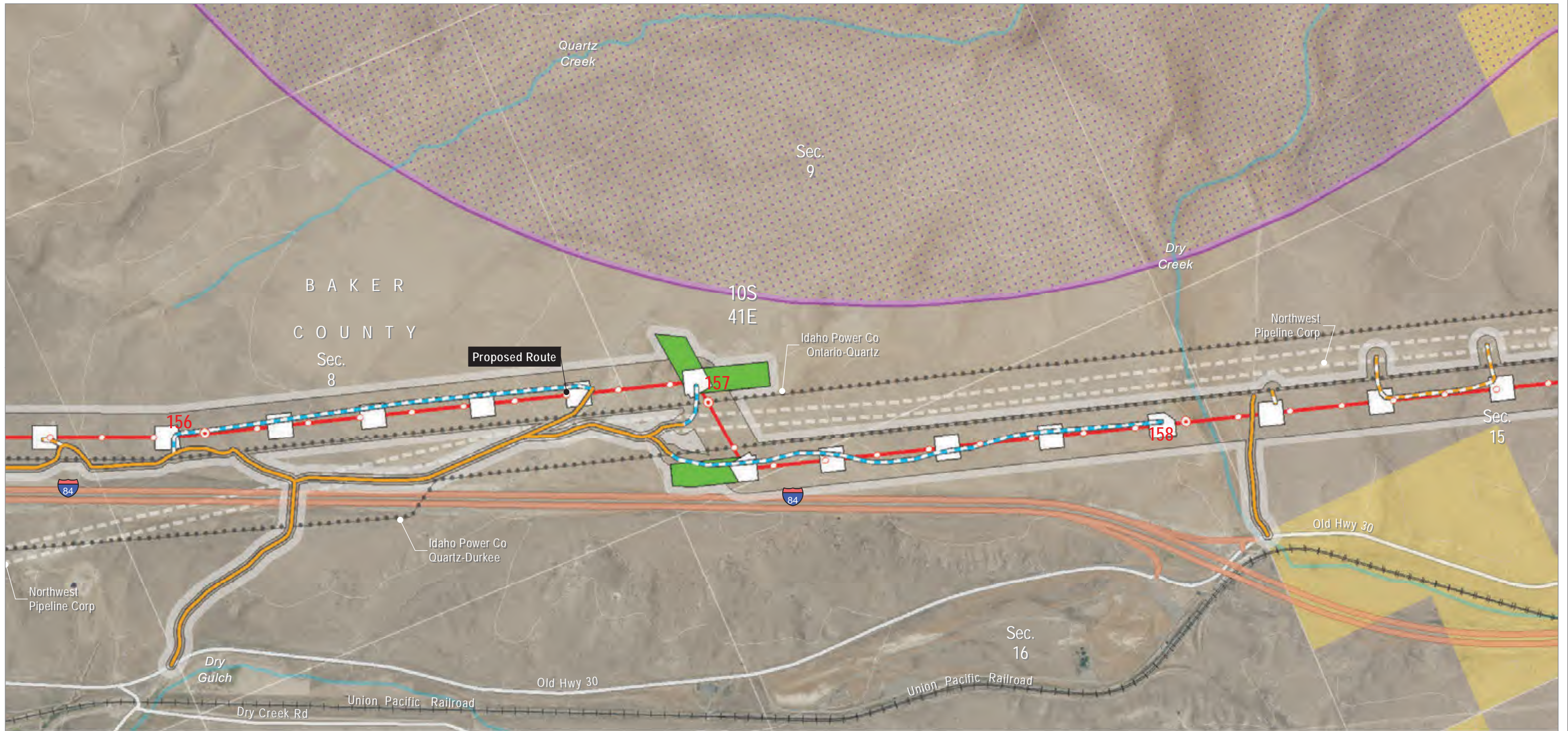
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



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

Baker County

Map 73



Map Area

Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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, 21-70% Improvements

Important Siting Constraints and Other Features

- New Road, Bladed
- New Road, Primitive
- 100-foot Contours
- Existing Transmission Lines
- Pipeline
- Interstate
- Other Road
- Railroad
- Stream

Land Status

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

Boardman to Hemingway Transmission Line Project
Application for Site Certificate



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

Baker County

Map 74



Map Area

Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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**
- Communication Station
 - 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
 - Distribution Line to Communication Station (IPC Service Territory Only)

- Important Siting Constraints and Other Features**
- 100-foot Contours
 - Existing Transmission Lines
 - Pipeline
 - Interstate
 - Other Road
 - Railroad
 - Stream
 - Sage-grouse Core Area

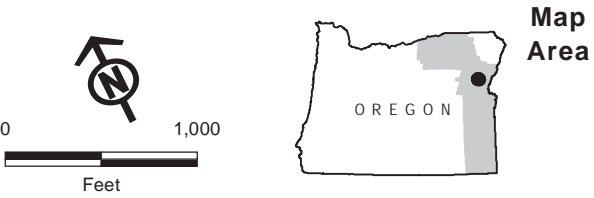
- Land Status**
- Bureau of Land Management
 - Private

Boardman to Hemingway Transmission Line Project
Application for Site Certificate



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

Baker County
Map 75



Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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
 - 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 Constraints and Other 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

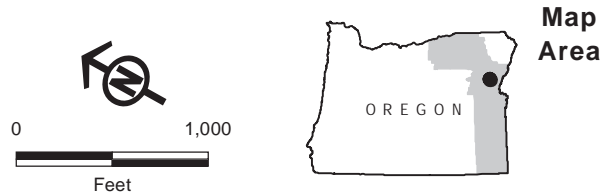
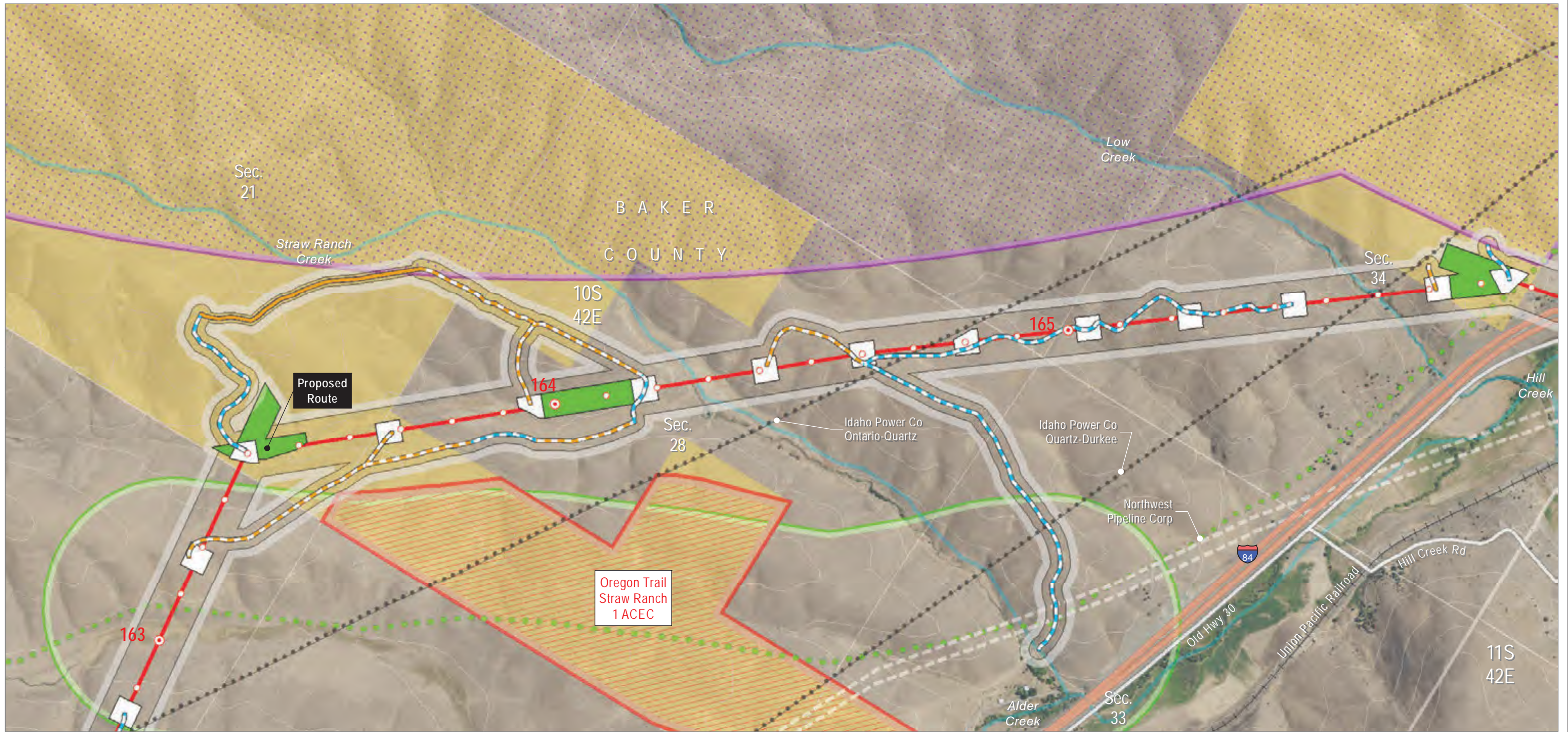
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



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

Baker County

Map 76



Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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,
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
Interstate
Other Road | Railroad
Stream
Oregon NHT Intact Segment (1/4-mile buffer)
Protected Area (EFSC)
Sage-grouse Core Area
Land Status
Bureau of Land Management
Private |
|--|---|---|

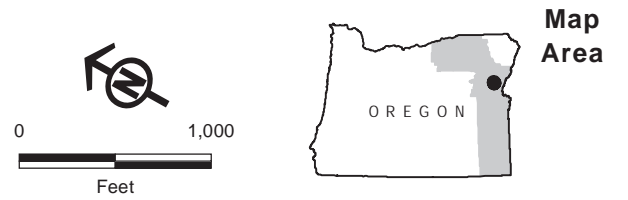
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-2 Proposed Route Location Maps

Baker County

Map 77



Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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
 - Multi-Use Area
 - 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)
- Land Status**
- Pipeline
 - Interstate
 - Other Road
 - Railroad
 - Stream
 - West-wide Energy Corridor (WVEC)
 - Sage-grouse Core Area
 - Bureau of Land Management
 - Private

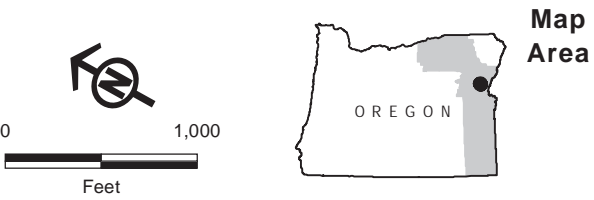
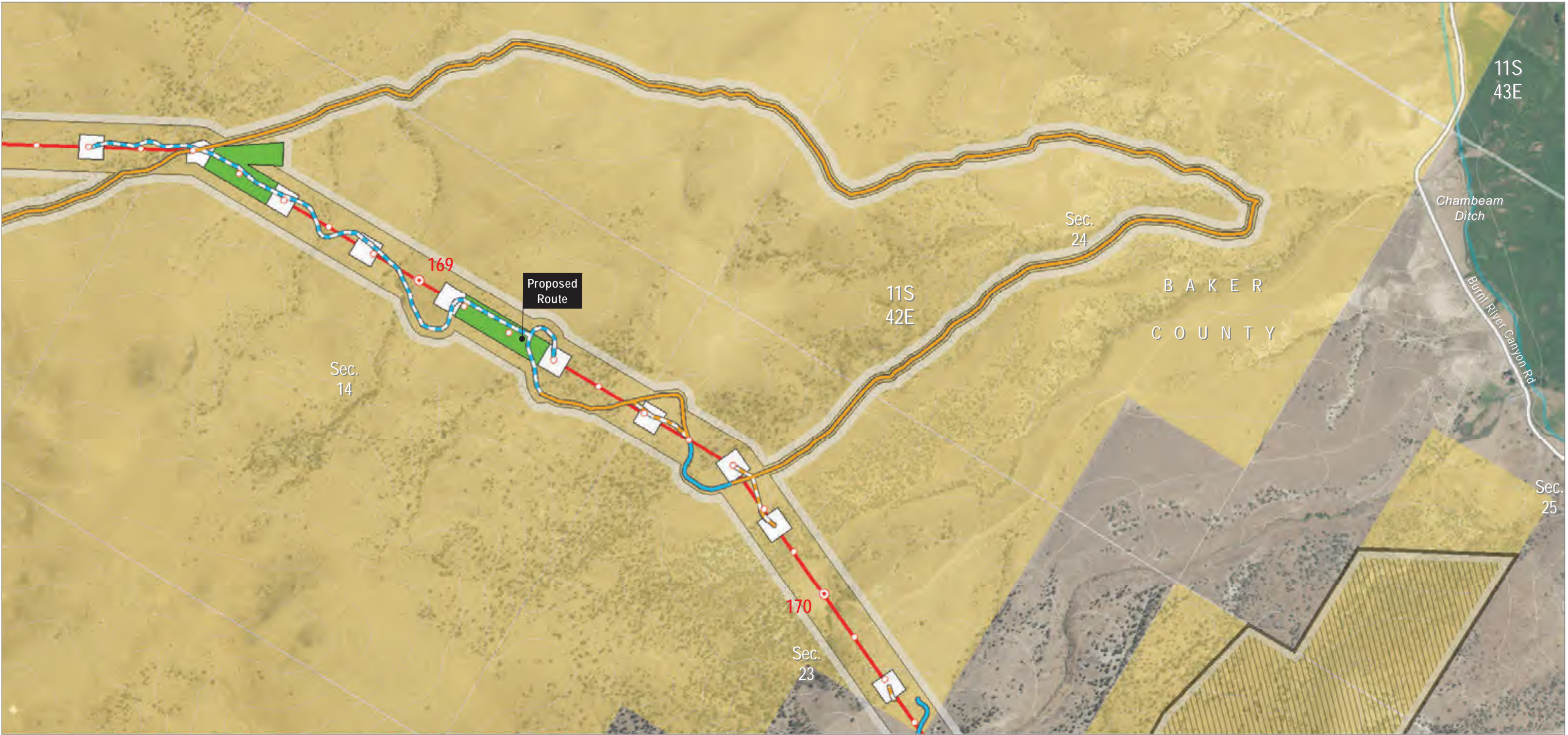
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



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

Baker County

Map 78



Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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, 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
- Other Road
- Stream
- VRM 2

Land Status

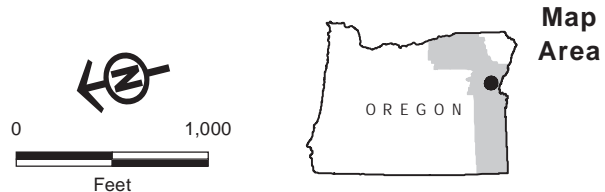
- Bureau of Land Management
- Private

Boardman to Hemingway Transmission Line Project
Application for Site Certificate



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

Baker County
Map 79



Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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
- Important Siting Constraints and Other Features**
- 100-foot Contours
 - Other Road
 - Stream
 - VRM 2
- Land Status**
- Bureau of Land Management
 - Private
- Other Features**
- New Road, Bladed
 - New Road, Primitive

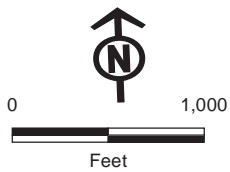
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-2 Proposed Route Location Maps

Baker County

Map 80



Map Area

Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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

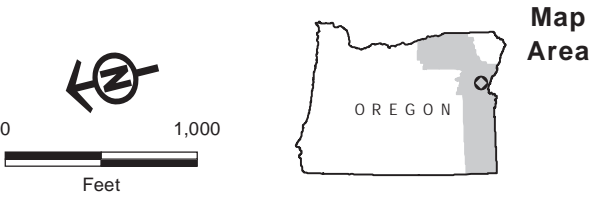
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



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

Baker County

Map 81



Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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
- Existing Road, Substantial Modification, 71-100% Improvements

Important Siting Constraints and Other Features

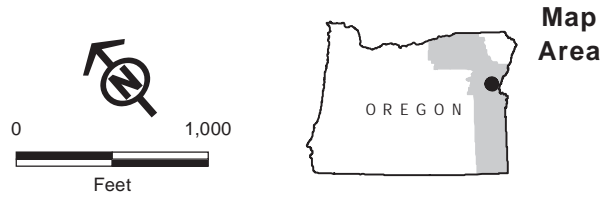
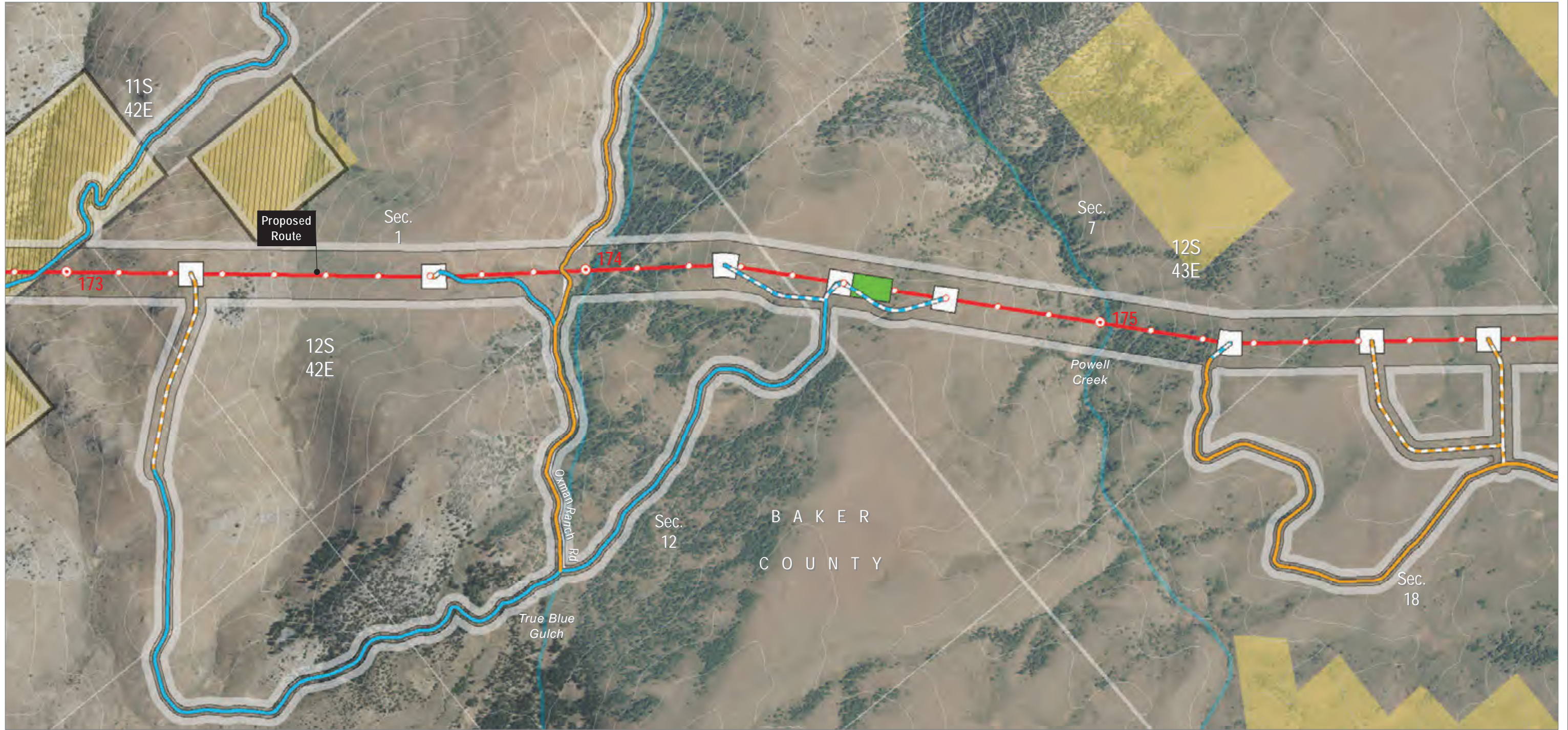
- 100-foot Contours
- Other Road
- Stream
- VRM 2
- Land Status
- Bureau of Land Management
- Private

Boardman to Hemingway Transmission Line Project
Application for Site Certificate



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

Baker County
Map 82



Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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, 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
 - Other Road
 - Stream
 - VRM 2

Land Status

- Bureau of Land Management
- Private

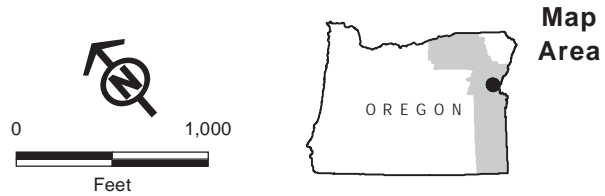
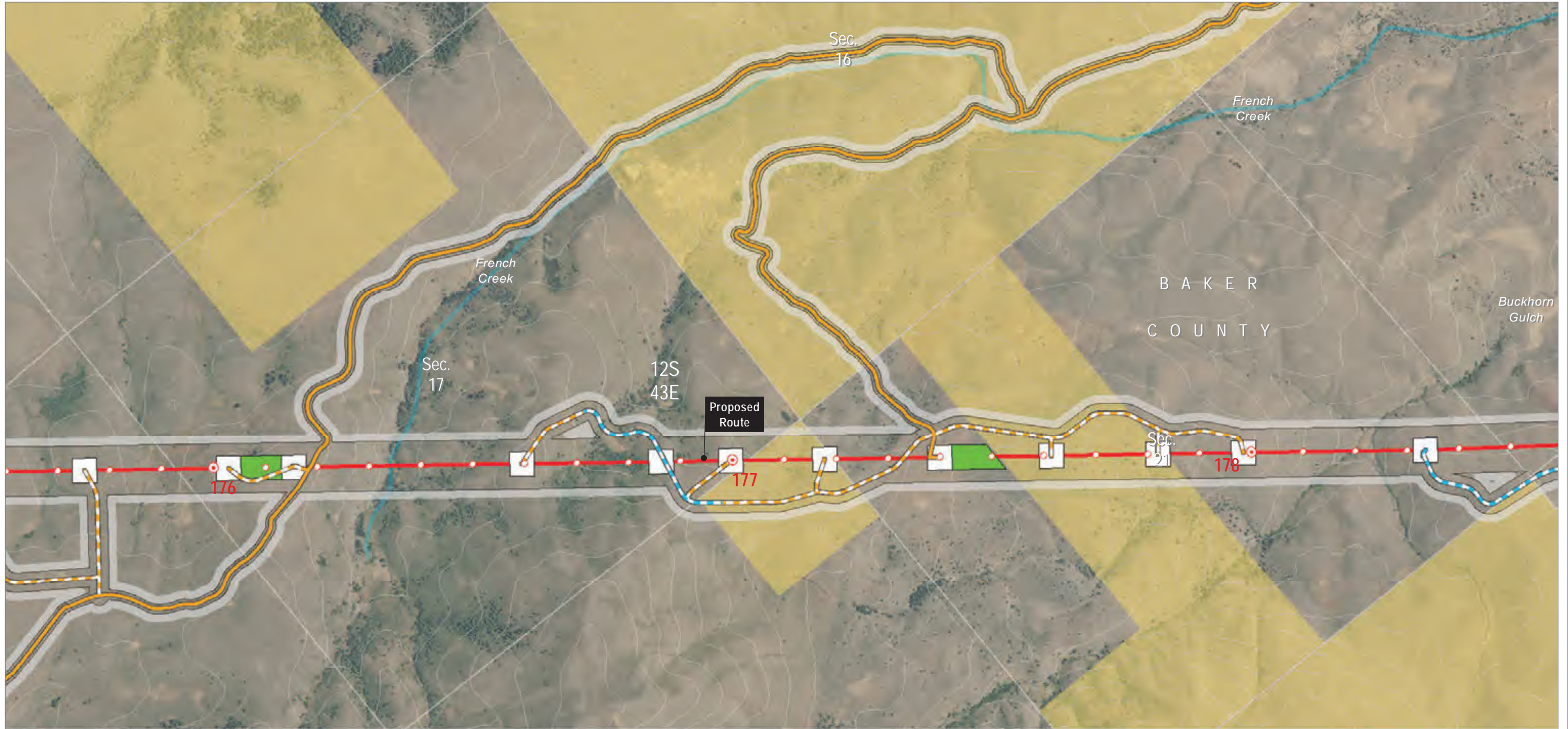
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-2 Proposed Route Location Maps

Baker County

Map 83



Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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, 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

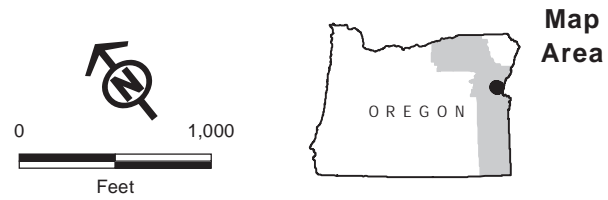
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-2 Proposed Route Location Maps

Baker County

Map 84



Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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
 - Communication Station
 - 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
 - Distribution Line to Communication Station (IPC Service Territory Only)
- Important Siting Constraints and Other Features**
- 100-foot Contours
 - Other Road
 - Stream
- Land Status**
- Bureau of Land Management
 - Private

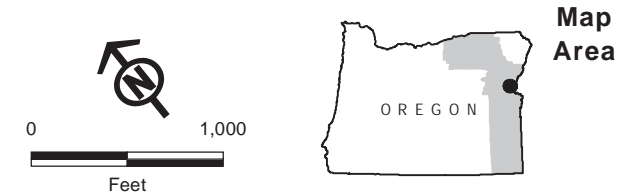
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



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

Baker County

Map 85



Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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, 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
 - Land Status
 - Bureau of Land Management
 - Private

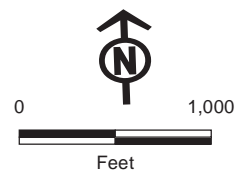
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



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

Baker County

Map 86



Map Area

Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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, 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
 - Existing Transmission Lines
 - Oregon National Historic Trail (NHT)
 - Pipeline

- Interstate
- Other Road
- Railroad
- Stream
- West-wide Energy Corridor (WWEC)
- Protected Area (EFSC)
- Land Status**
 - Bureau of Land Management
 - Private

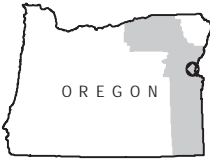
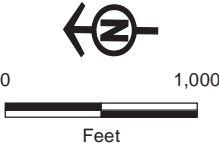
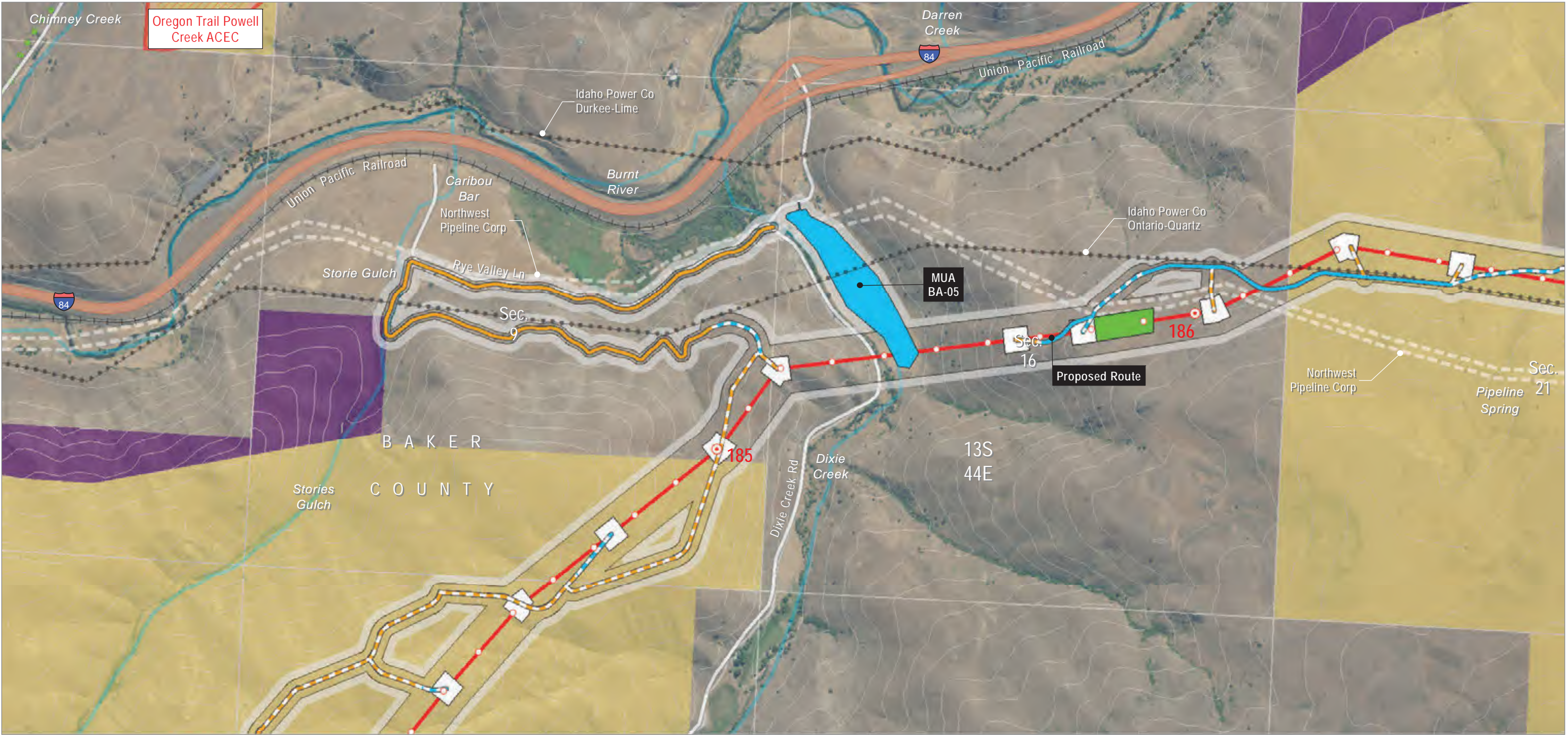
Boardman to Hemingway Transmission Line Project
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**Attachment C-2
Proposed Route Location Maps**

Baker County

Map 87



Map Area

Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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
 - 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 Constraints and Other Features
 - 100-foot Contours

- Existing Transmission Lines
- Oregon National Historic Trail (NHT)
- Pipeline
- Interstate
- Other Road
- Railroad
- Stream
- West-wide Energy Corridor (WVEC)
- Protected Area (EFSC)

Land Status

- Bureau of Land Management
- Private

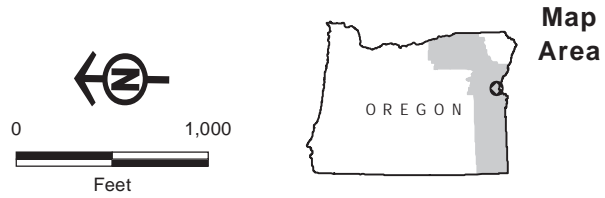
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



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

Baker County

Map 88



Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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, 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
 - Existing Transmission Lines
 - Pipeline
 - Stream

- West-wide Energy Corridor (WVEC)
- Land Status**
 - Bureau of Land Management
 - Private

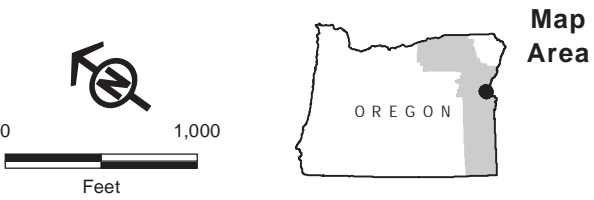
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-2 Proposed Route Location Maps

Baker County

Map 89



Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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

- New Road, Bladed
- New Road, Primitive

Important Siting Constraints and Other Features

- 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 (WVEC)
- West-wide Energy Corridor (WVEC)
- Oregon NHT Intact Segment (1/4-mile buffer)

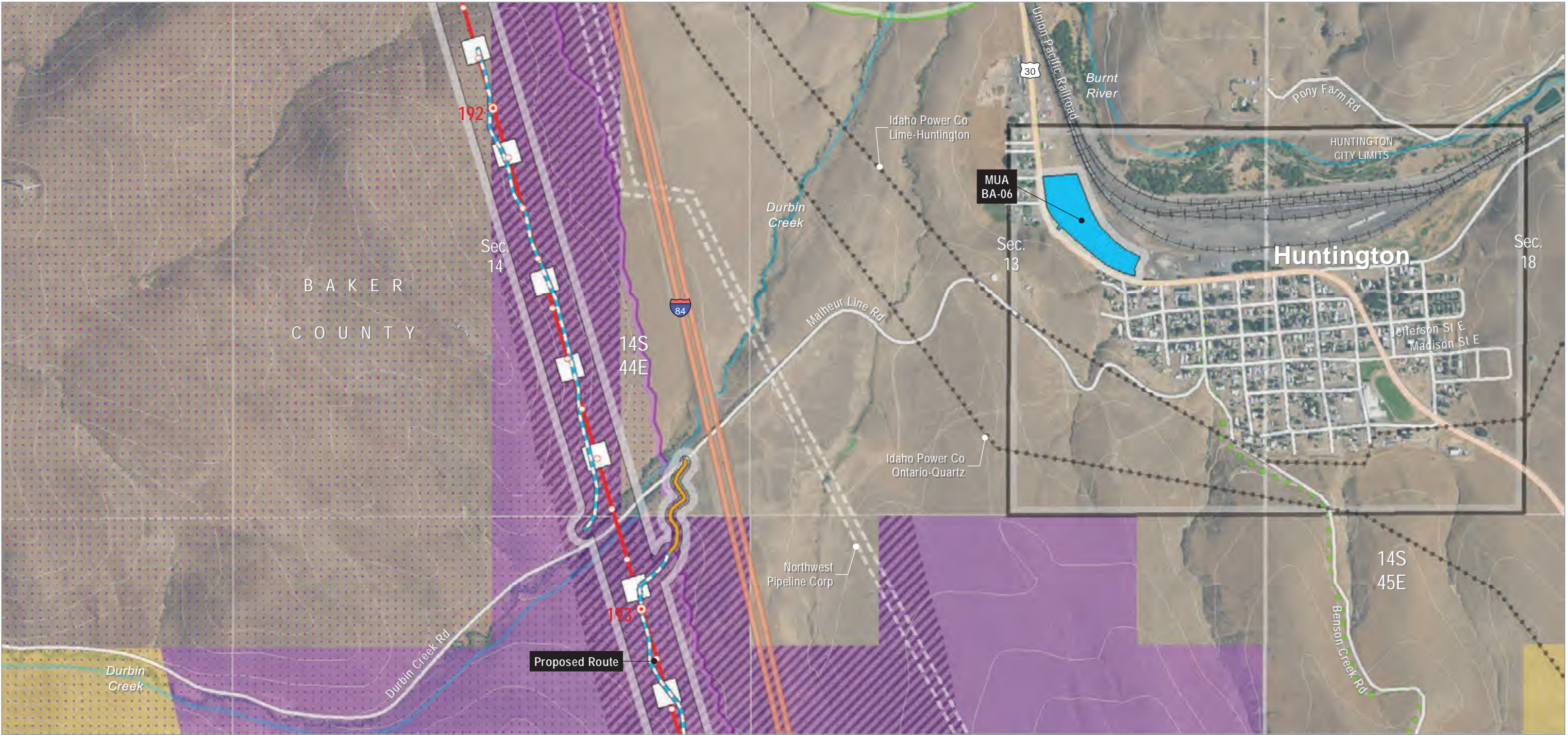
- Sage-grouse Core Area
- Land Status
 - Bureau of Land Management
 - Private

Boardman to Hemingway Transmission Line Project
Application for Site Certificate



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

Baker County
Map 90



Map Area

Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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
 - Multi-Use Area
 - Structure Work 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
- Highway
- Other Road

Railroad

- Stream
- City Limits
- Vale District (BLM) Utility Corridor
- Vale District (BLM) Utility Corridor and West-wide Energy Corridor (WVEC)
- West-wide Energy Corridor (WVEC)
- Oregon NHT Intact Segment (1/4-mile buffer)

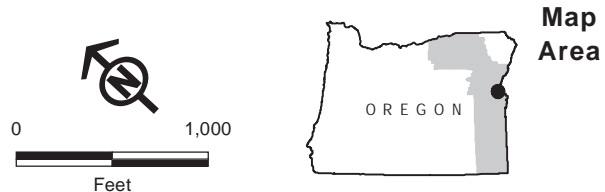
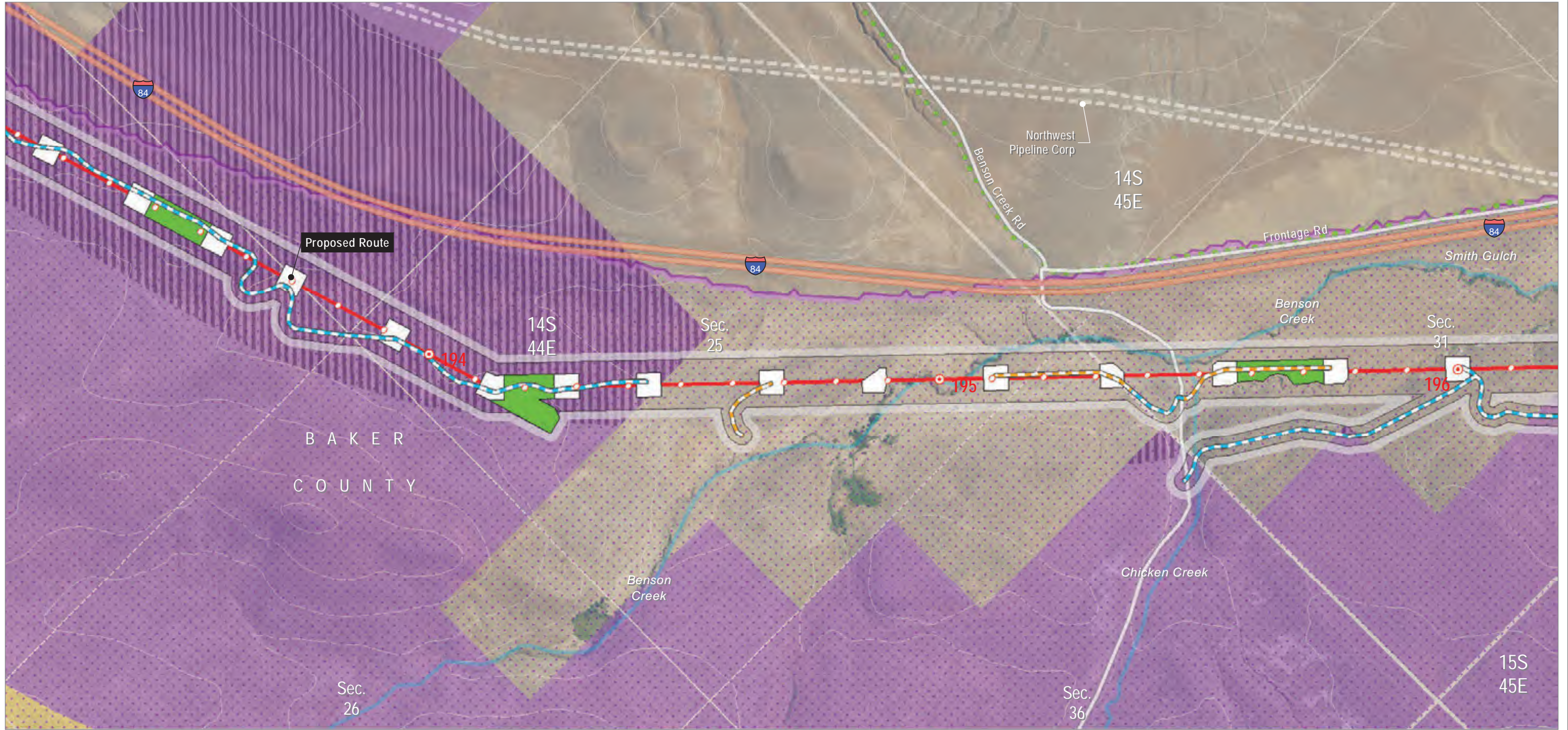
Sage-grouse Core Area

Land Status

- Bureau of Land Management
- Private

Boardman to Hemingway Transmission Line Project
Application for Site Certificate

Attachment C-2
Proposed Route Location Maps
Baker County
Map 91



Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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**
 - New Road, Bladed
 - New Road, Primitive

Important Siting Constraints and Other Features

- 100-foot Contours
- Oregon National Historic Trail (NHT)
- Pipeline
- Interstate
- Other Road
- Stream
- Vale District (BLM) Utility Corridor

Vale District (BLM) Utility Corridor and West-wide Energy Corridor (WVEC)

- West-wide Energy Corridor (WVEC)
- Sage-grouse Core Area

Land Status

- Bureau of Land Management
- Private

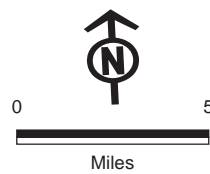
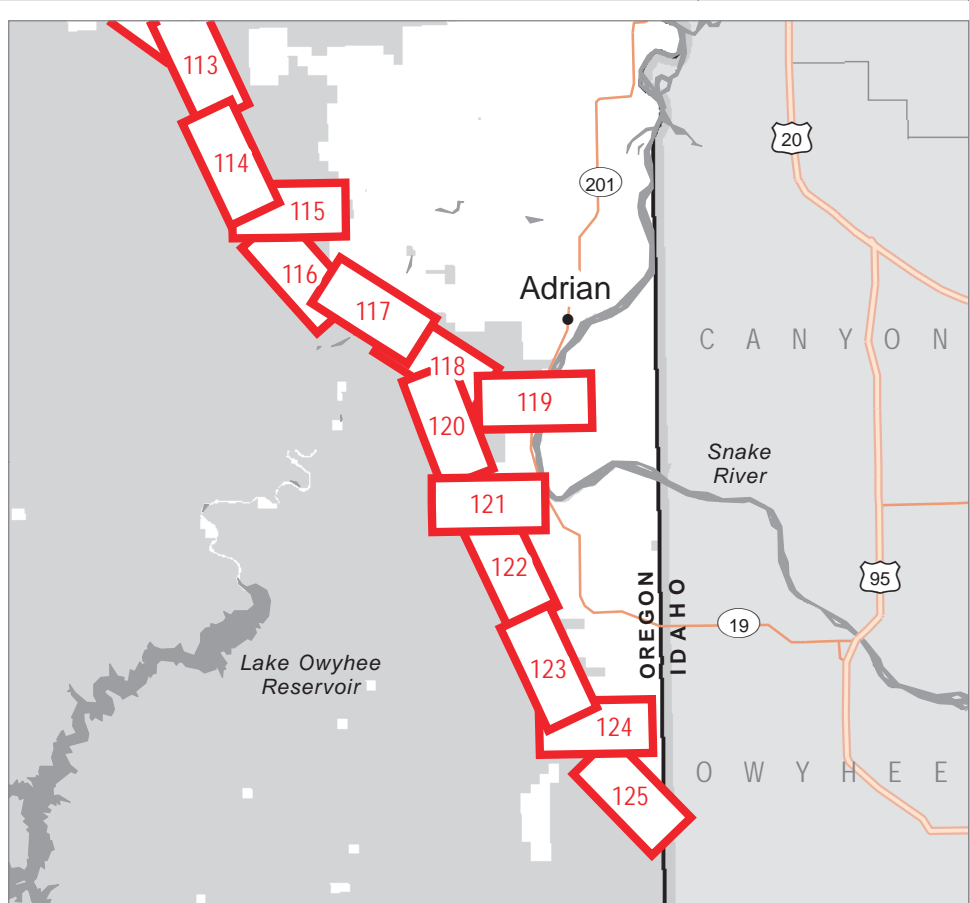
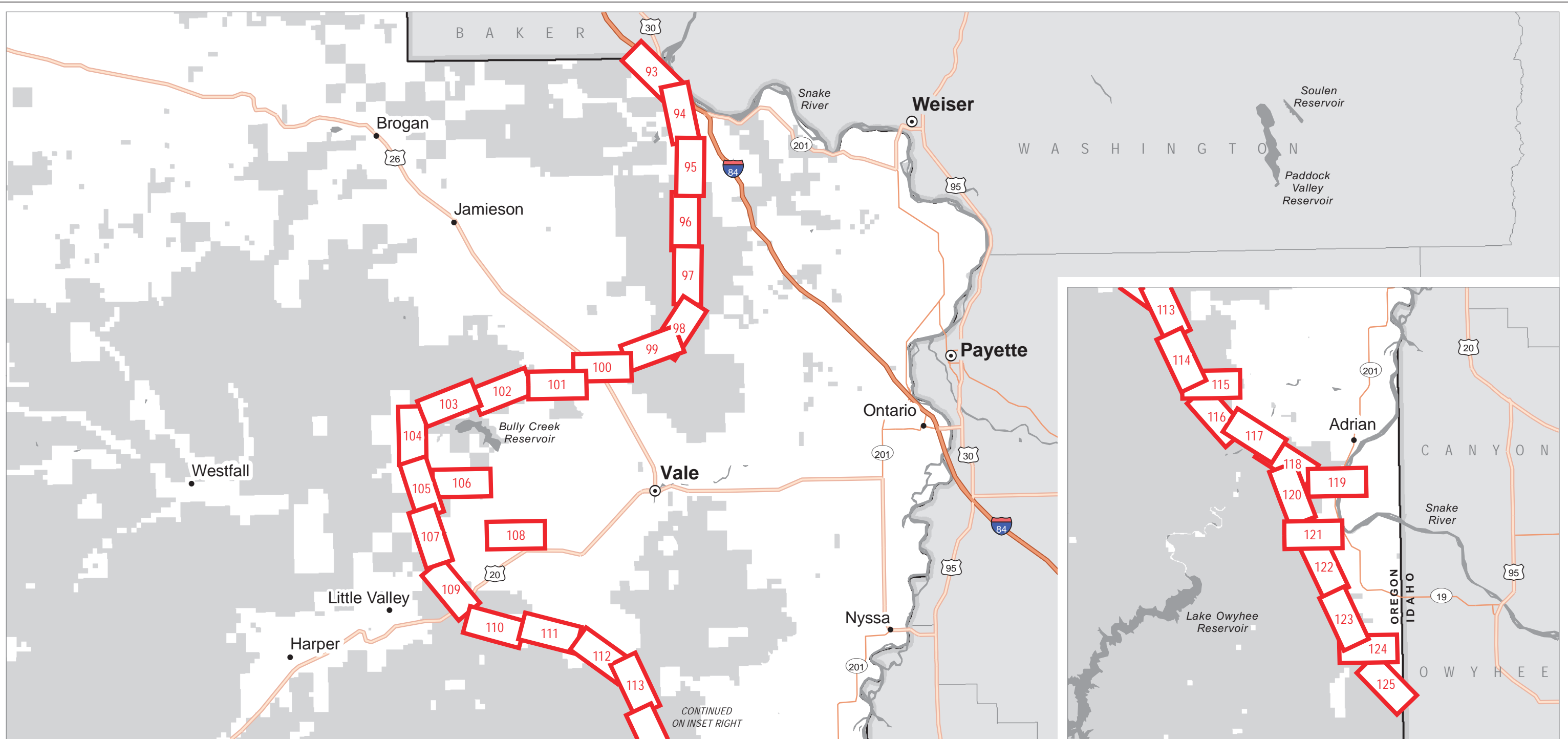
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-2 Proposed Route Location Maps

Baker County

Map 92



Source(s): BLM, IPC, Esri

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Map Index

 Location Map (Map #)

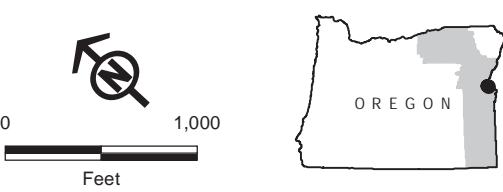
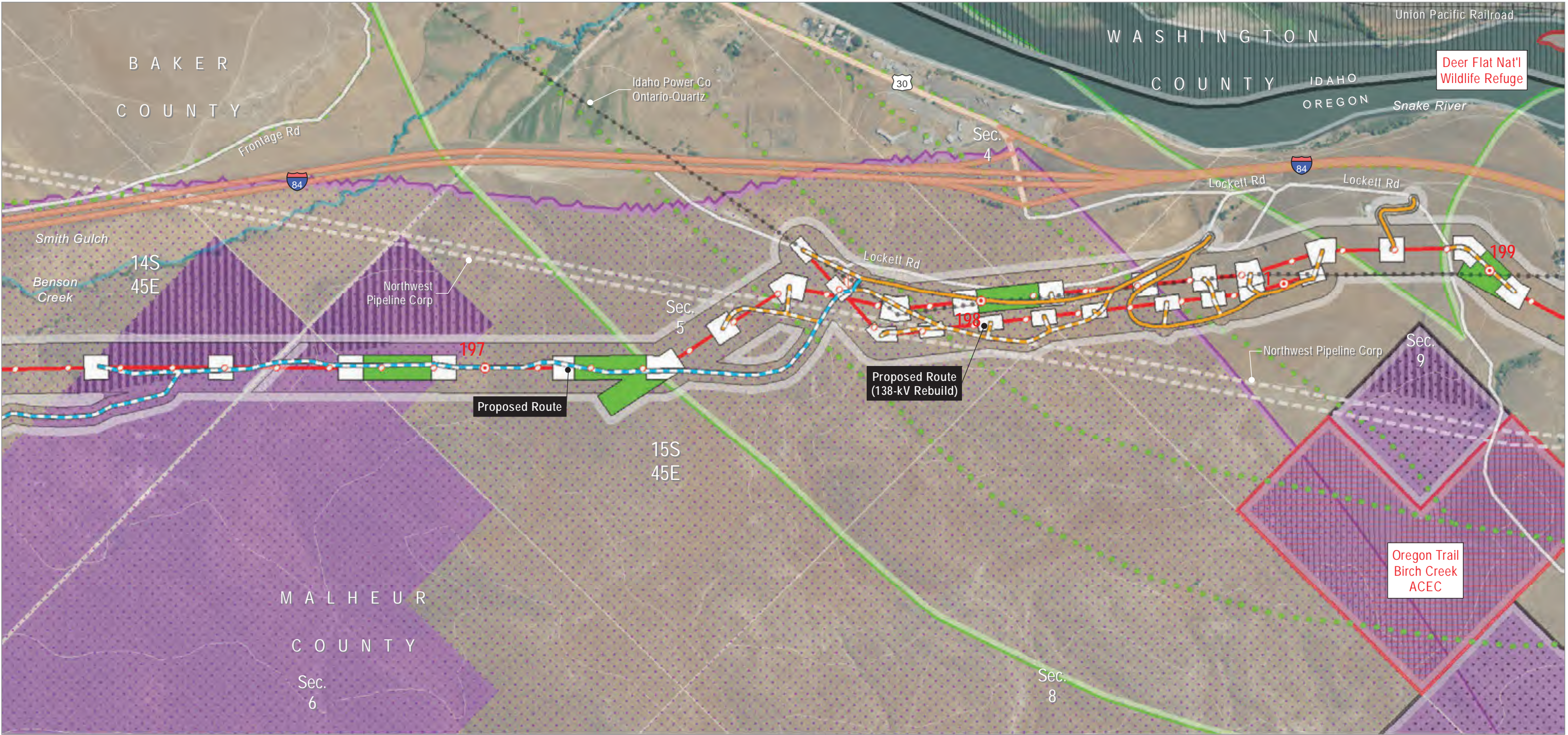
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-2
Proposed Route Location Maps

Malheur County

Map Index



Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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
 - Structure Work Area (Removal Only)

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

- 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 (WVEC)
- West-wide Energy Corridor (WVEC)
- Oregon NHT Intact Segment (1/4-mile buffer)
- Protected Area (EFSC)
- Sage-grouse Core Area
- VRM 2
- VRM 3

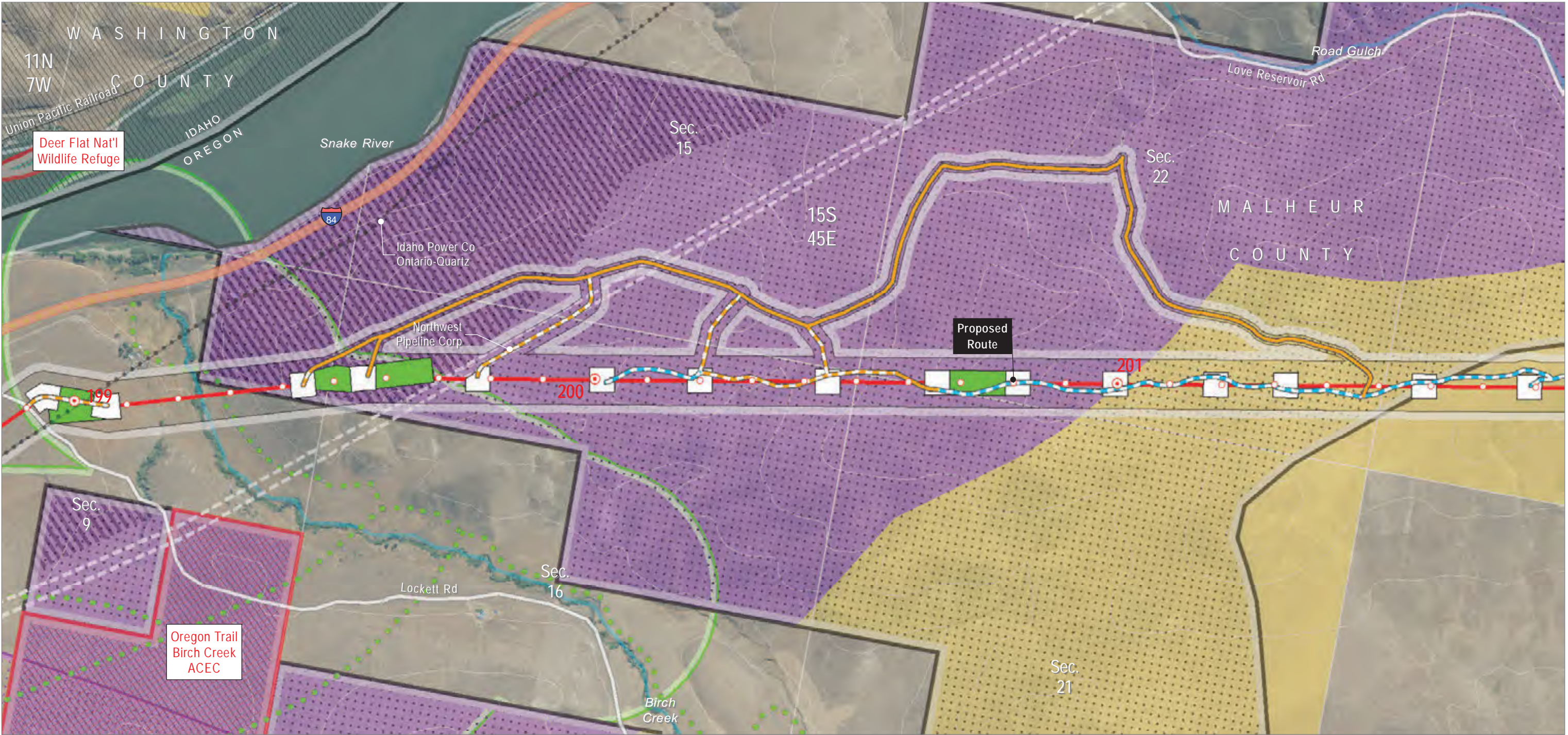
Land Status

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

Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-2
Proposed Route Location Maps
Malheur County
Map 93



Map Area

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

Important Siting Constraints and Other Features

- 100-foot Contours
- Existing Transmission Lines
- Oregon National Historic Trail (NHT)
- Pipeline
- Interstate
- Other Road

- New Road, Bladed
- New Road, Primitive
- Railroad
- Stream
- Vale District (BLM) Utility Corridor
- Vale District (BLM) Utility Corridor and West-wide Energy Corridor (WVEC)
- West-wide Energy Corridor (WVEC)
- Oregon NHT Intact Segment (1/4-mile buffer)
- Protected Area (EFSC)

- Sage-grouse Core Area
- VRM 2
- VRM 3

Land Status

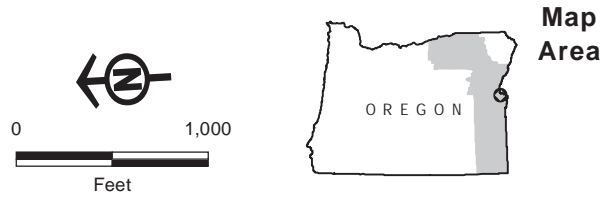
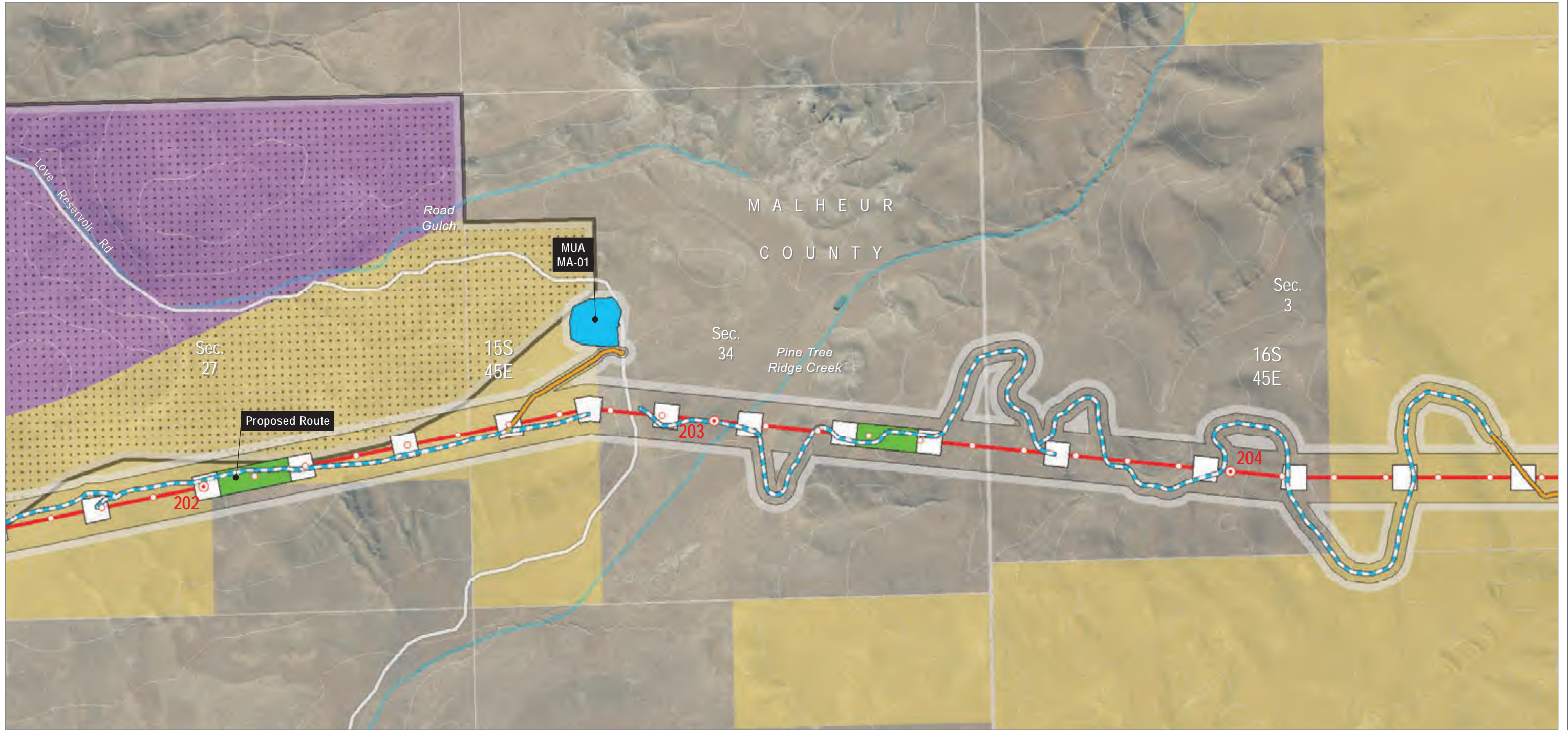
- Bureau of Land Management
- Fish and Wildlife Service
- Private

Boardman to Hemingway Transmission Line Project
Application for Site Certificate

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

Malheur County

Map 94



Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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**
 - 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

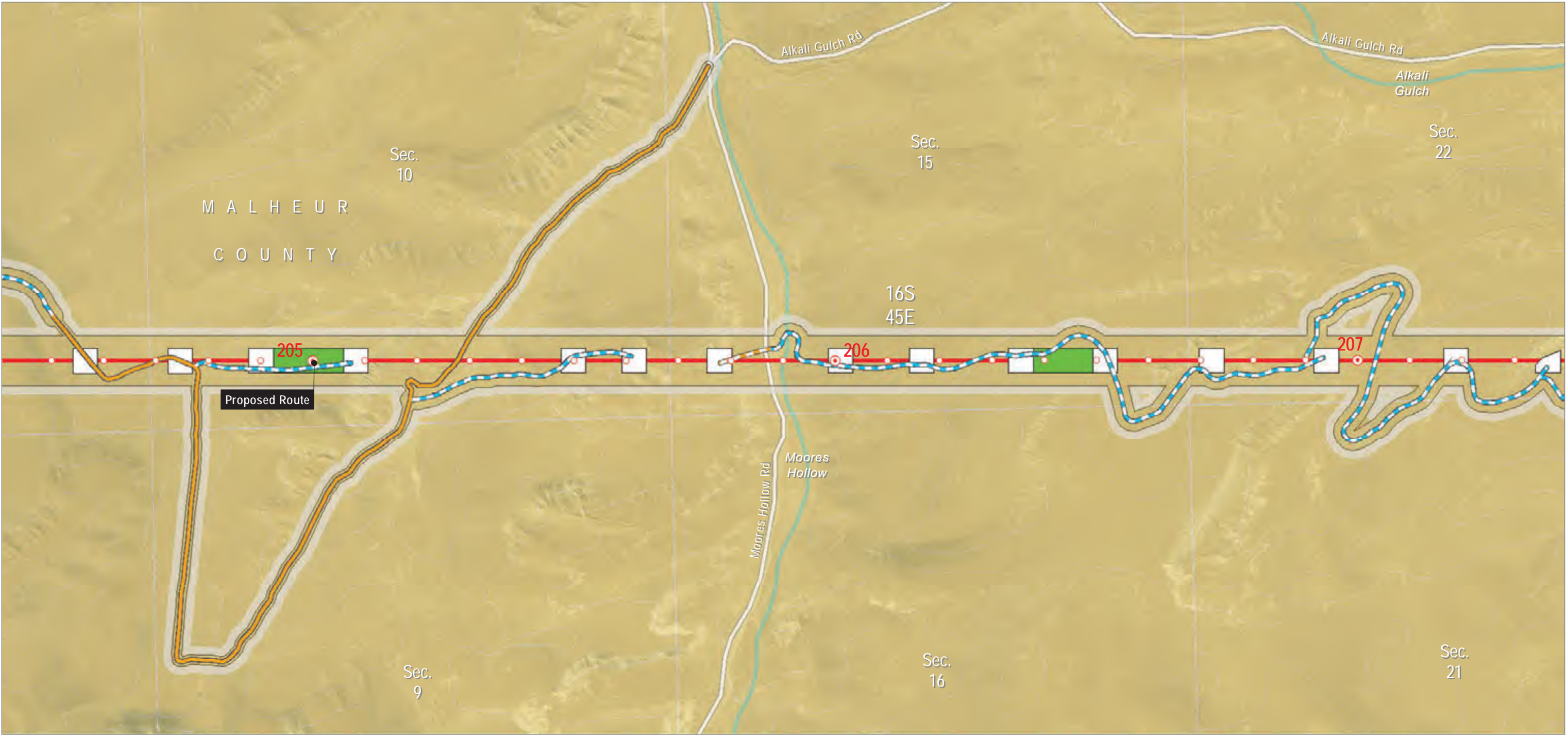
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-2 Proposed Route Location Maps

Malheur County

Map 95



0 1,000
Feet

OREGON

Map Area

Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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, 21-70% Improvements
- New Road, Bladed
 - New Road, Primitive


Important Siting Constraints and Other Features

 - 100-foot Contours
 - Other Road
 - Stream

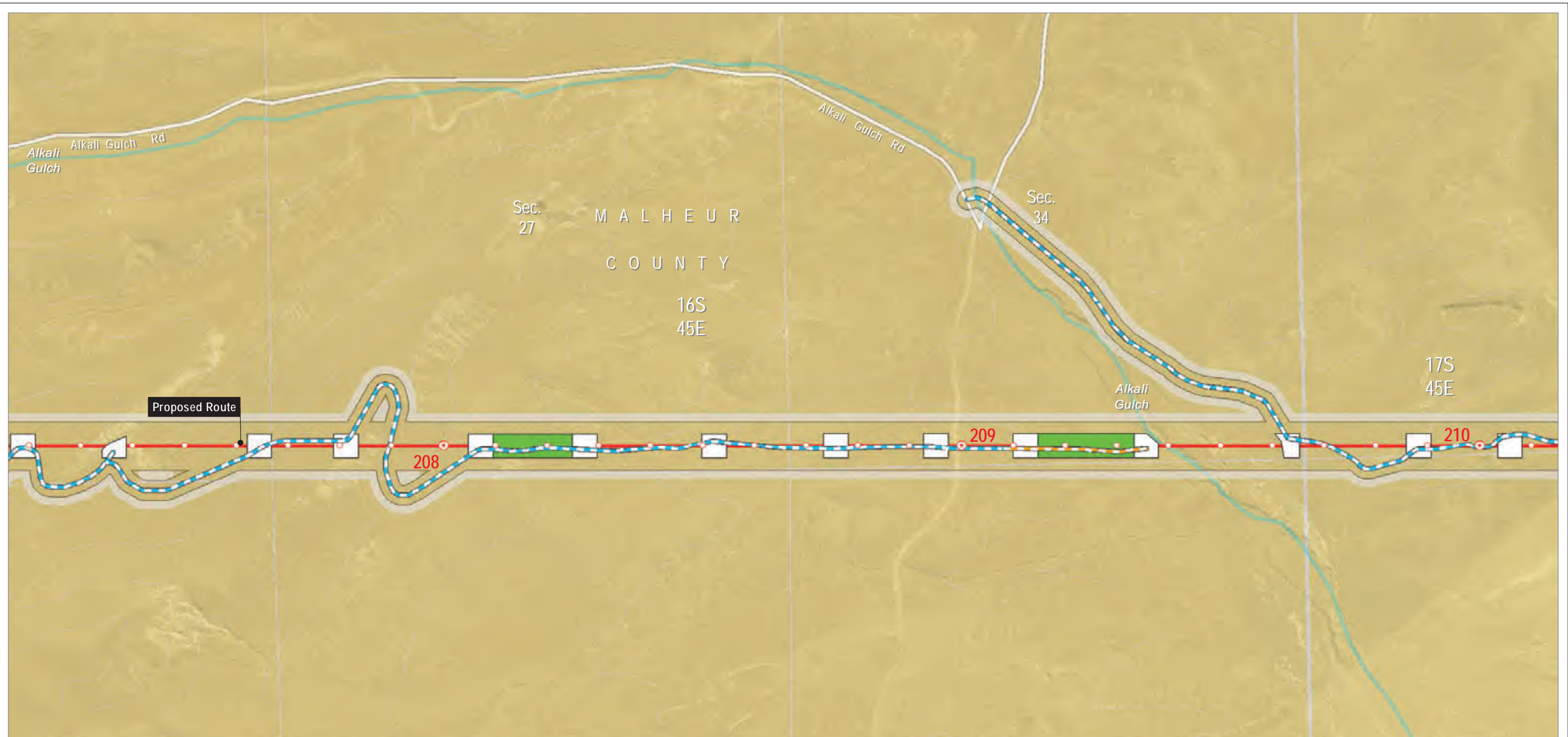
Land Status

 - Bureau of Land Management

Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-2
Proposed Route Location Maps
Malheur County
Map 96



Map Area

Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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

 - New Road, Bladed
 - New Road, Primitive
- Important Siting Constraints and Other Features**

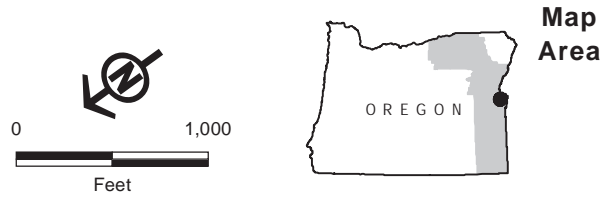
 - 100-foot Contours
 - Other Road
 - Stream

Land Status

 - Bureau of Land Management

Boardman to Hemingway Transmission Line Project
Application for Site Certificate

Attachment C-2
Proposed Route Location Maps
Malheur County
Map 97



Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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
 - 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

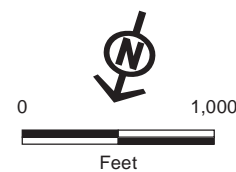
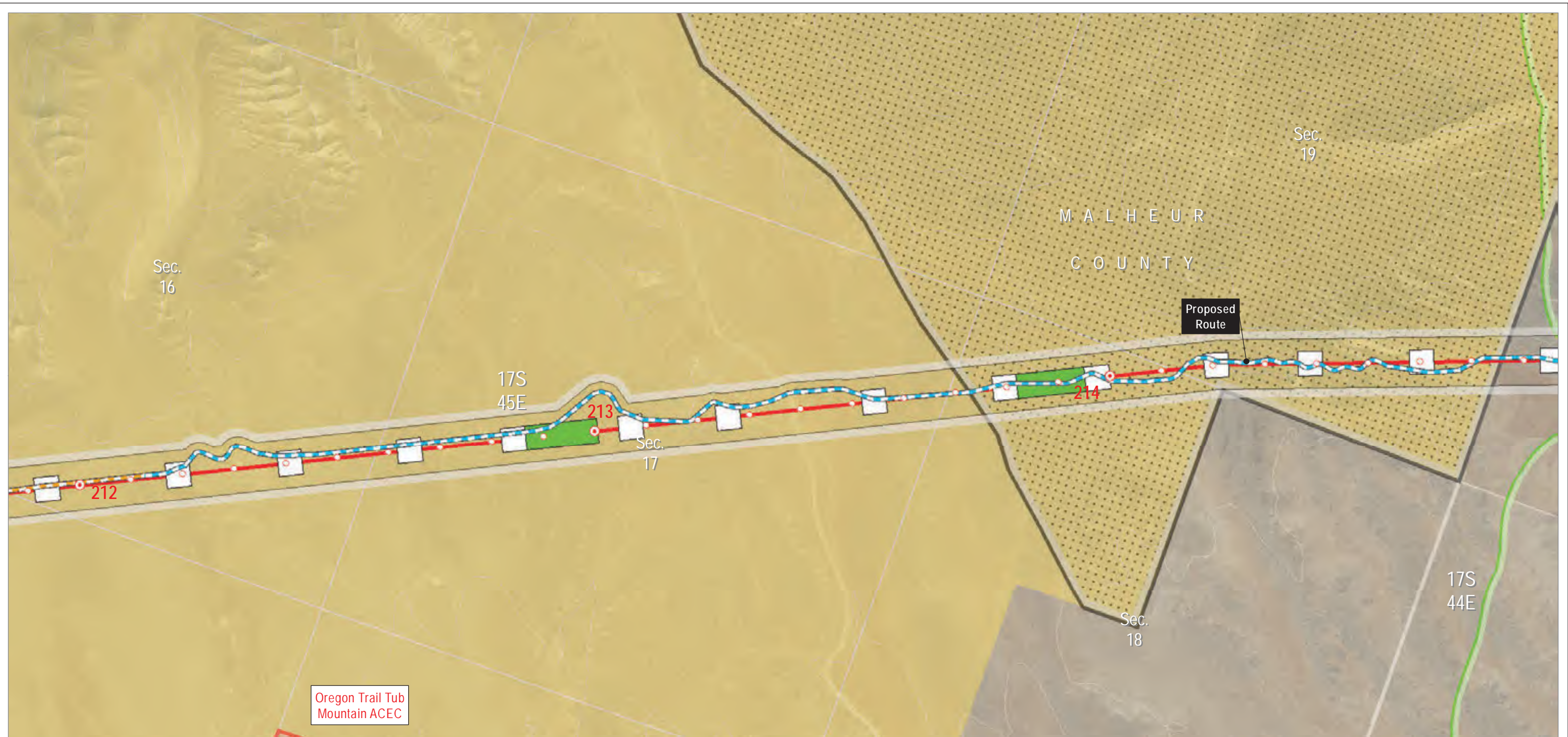
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-2 Proposed Route Location Maps

Malheur County

Map 98



Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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
 - New Road, Bladed
 - New Road, Primitive

Important Siting Constraints and Other Features

- 100-foot Contours
- Oregon NHT Intact Segment (1/4-mile buffer)
- Protected Area (EFSC)
- VRM 2
- VRM 3
- Land Status
 - Bureau of Land Management
 - Private

Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-2 Proposed Route Location Maps

Malheur County

Map 99



Map Area

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

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|--|---|---|--|
| <p>Project Features</p> <ul style="list-style-type: none"> Site Boundary Transmission Centerline <p>Mileposts</p> <ul style="list-style-type: none"> Mile Tenth-mile <p>Work Areas</p> <ul style="list-style-type: none"> Communication Station Multi-Use Area Pulling and Tensioning Structure Work Area | <p>Access</p> <ul style="list-style-type: none"> Existing Road, Substantial Modification, 21-70% Improvements New Road, Bladed New Road, Primitive Distribution Line to Communication Station (IPC Service Territory Only) <p>Important Siting Constraints and Other Features</p> <ul style="list-style-type: none"> 100-foot Contours | <p>Existing Transmission Lines</p> <ul style="list-style-type: none"> Oregon National Historic Trail (NHT) Highway Other Road Stream Oregon NHT Intact Segment (1/4-mile buffer) VRM 3 | <p>Land Status</p> <ul style="list-style-type: none"> Bureau of Land Management Private |
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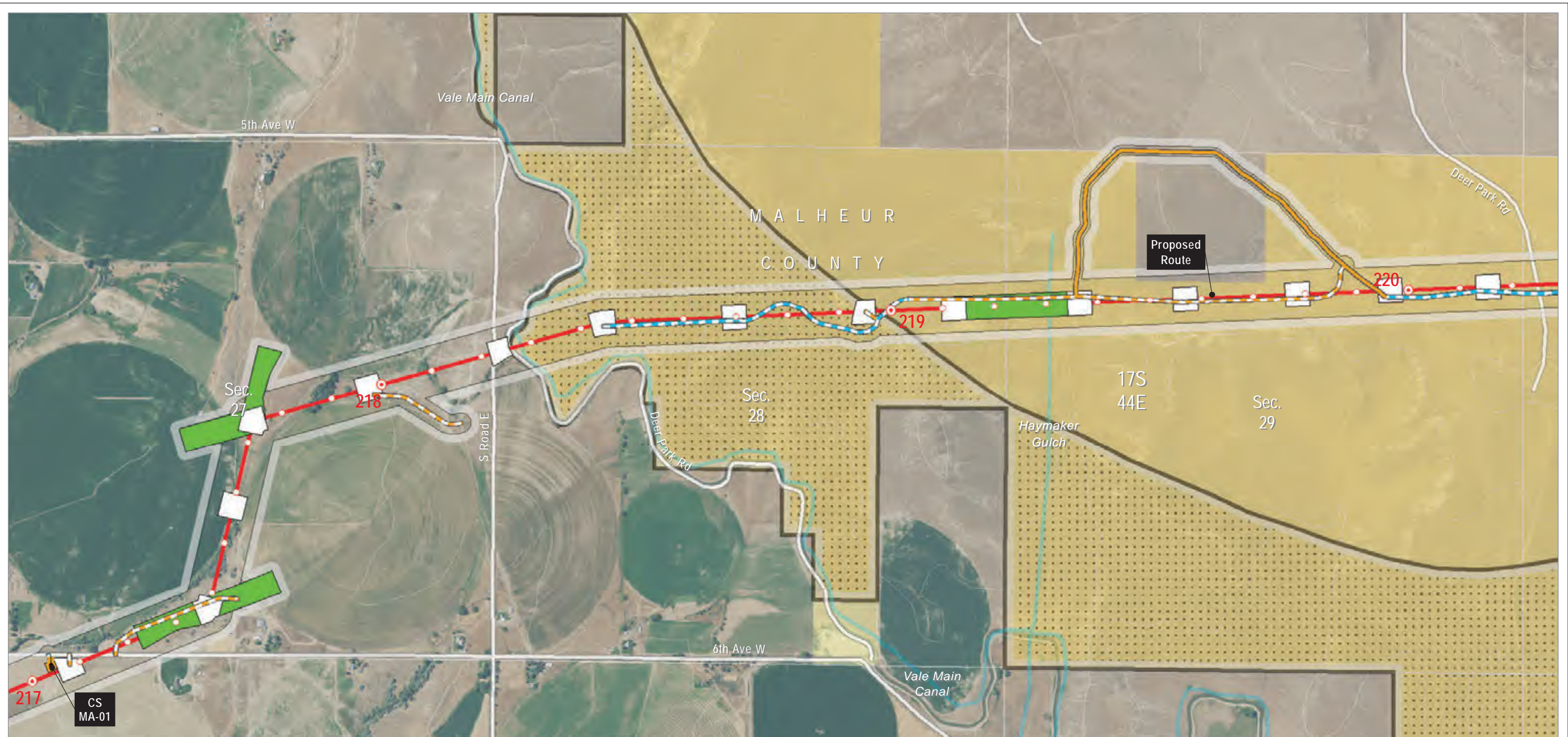
Boardman to Hemingway Transmission Line Project
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Attachment C-2 Proposed Route Location Maps

Malheur County

Map 100



Map Area

0 1,000 Feet

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Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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
 - 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

Other Road

- Stream
- VRM 3

Land Status

- Bureau of Land Management
- Bureau of Reclamation
- Private

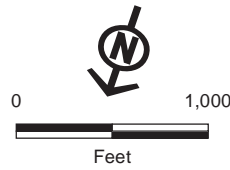
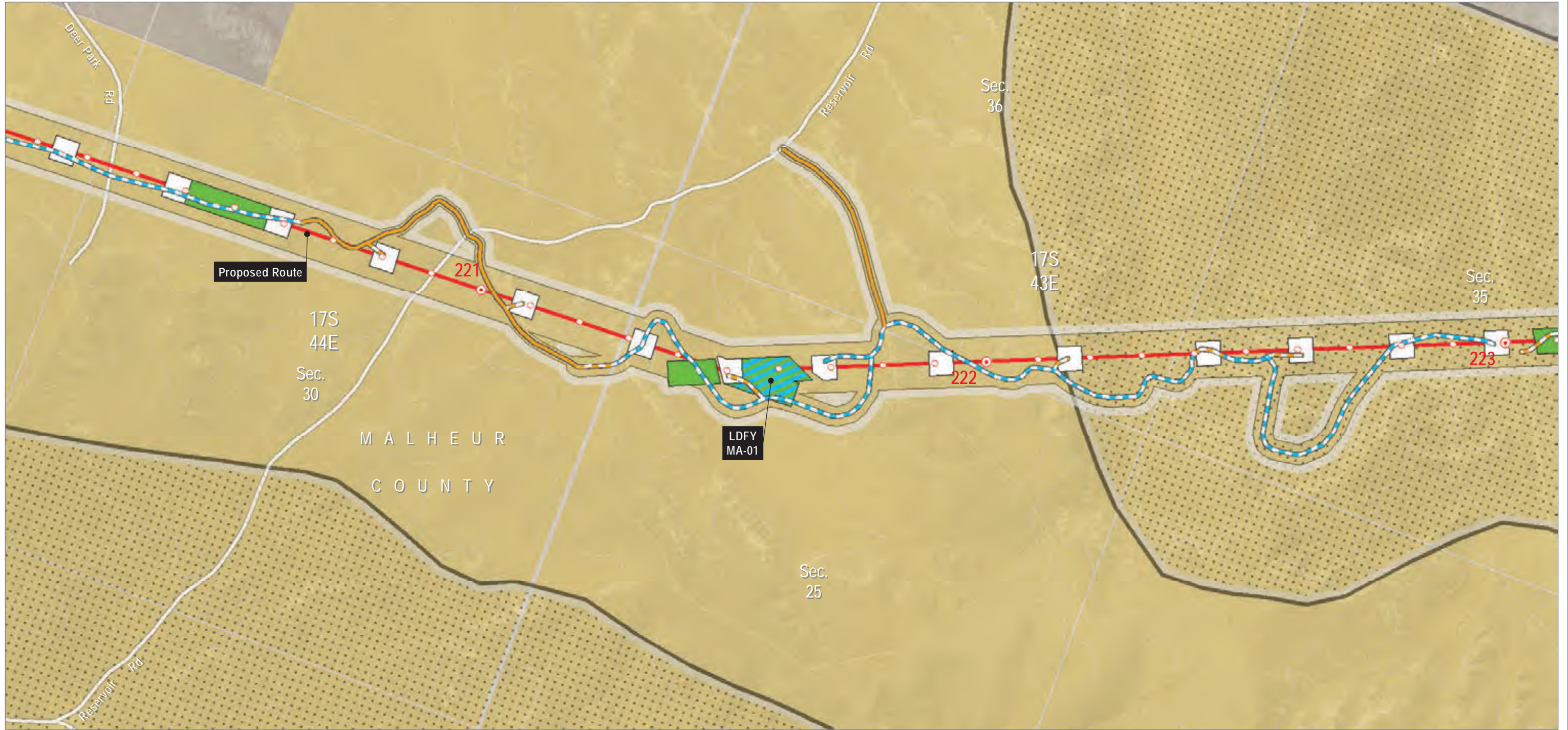
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**Attachment C-2
Proposed Route Location Maps**

Malheur County

Map 101



Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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
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
Constraints and Other
Features
100-foot Contours
Other Road
VRM 3 | Land Status
Bureau of Land
Management
Private |
|--|--|---|

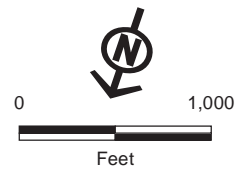
Boardman to Hemingway Transmission Line Project
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**Attachment C-2
Proposed Route Location Maps**

Malheur County

Map 102



Map Area

Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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, 21-70% Improvements

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

- New Road, Bladed
- New Road, Primitive

Important Siting Constraints and Other Features

- 100-foot Contours
- VRM 3

Land Status

- Bureau of Land Management
- Bureau of Reclamation

- Private

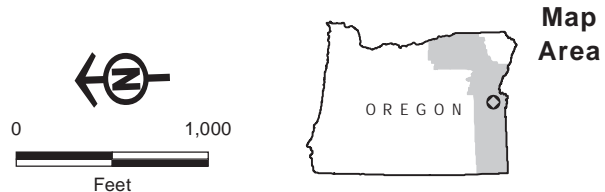
Boardman to Hemingway Transmission Line Project
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**Attachment C-2
Proposed Route Location Maps**

Malheur County

Map 103



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

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- 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
 - Existing Road, Substantial Modification, 71-100% Improvements
 - New Road, Bladed
 - New Road, Primitive
- Important Siting Constraints and Other Features**
- 100-foot Contours
 - Other Road

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

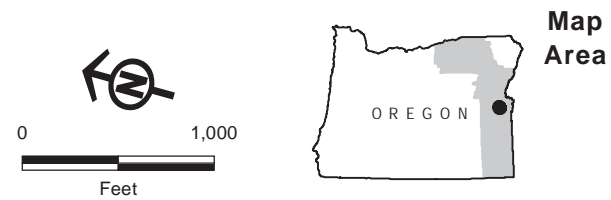
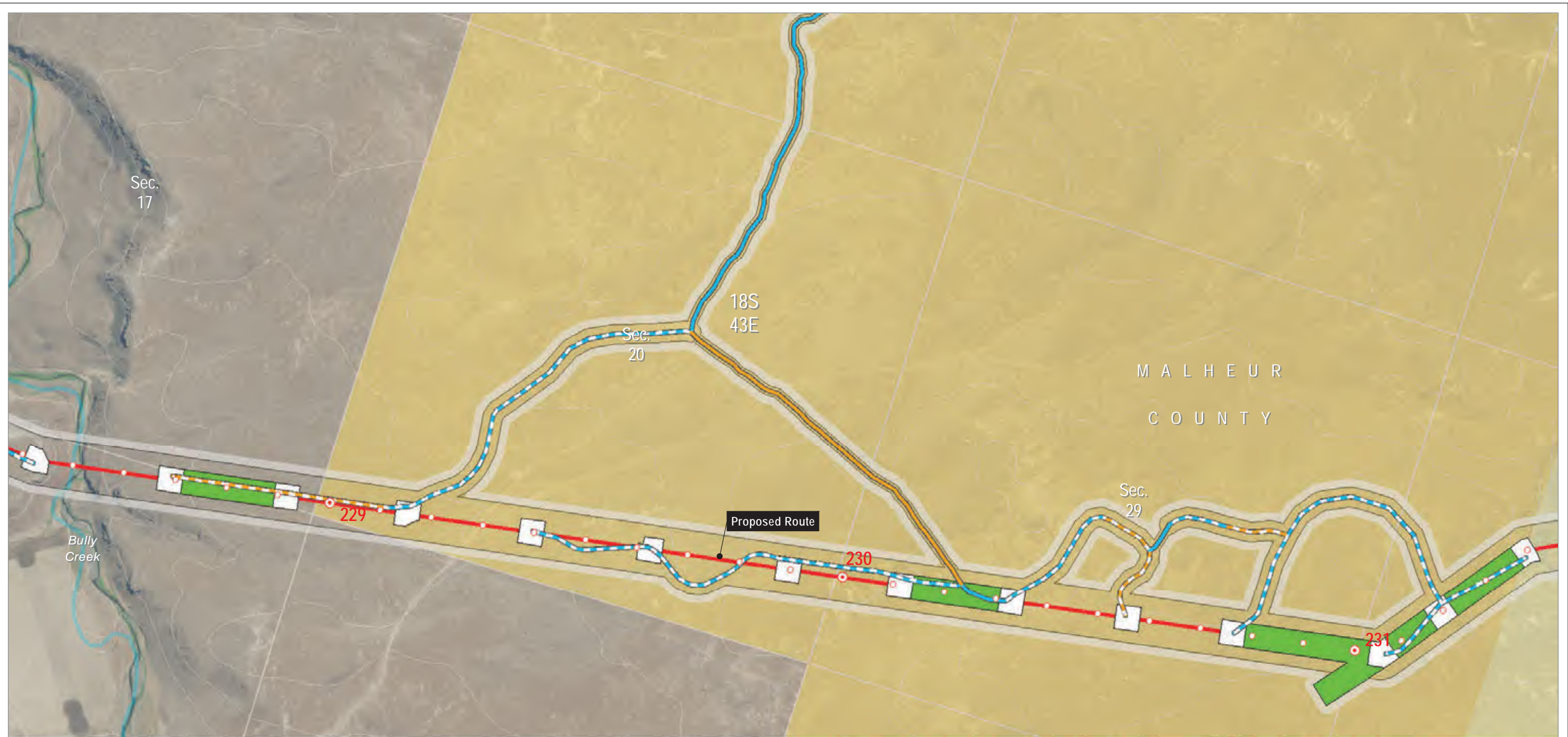
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-2 Proposed Route Location Maps

Malheur County

Map 104



Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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, 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
Land Status
Bureau of Land Management
Bureau of Reclamation | Private |
|--|---|---------|

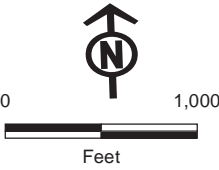
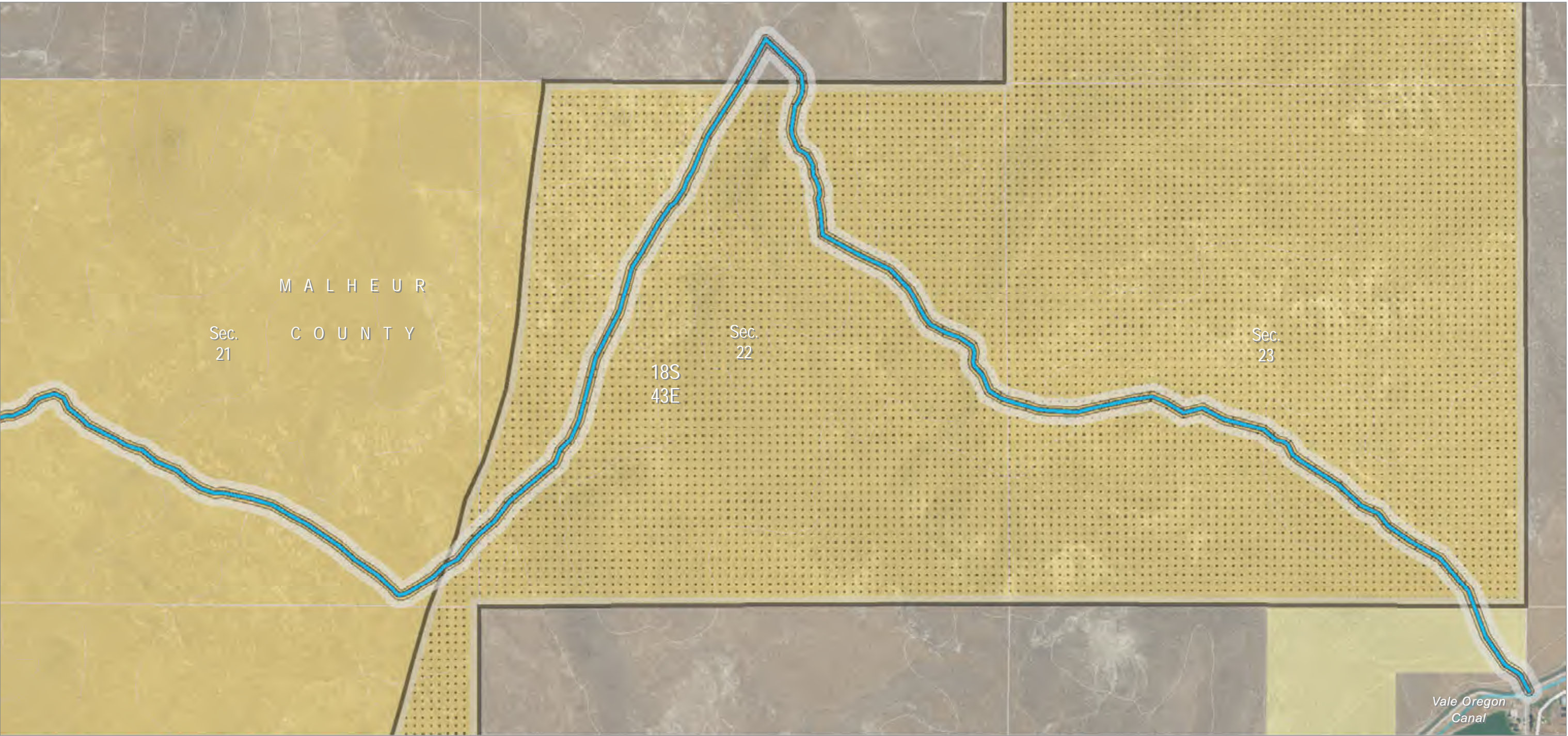
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-2 Proposed Route Location Maps

Malheur County

Map 105



Map Area

Project Features

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

Important Siting Constraints and Other Features

- 100-foot Contours
- Other Road
- Stream
- VRM 3

Land Status

- Bureau of Land Management
- Bureau of Reclamation
- Private

Boardman to Hemingway Transmission Line Project
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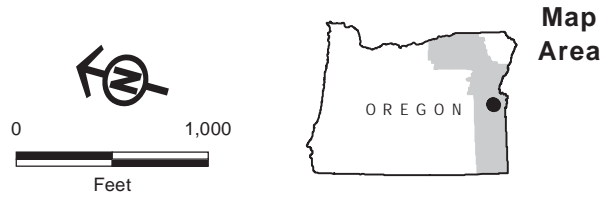
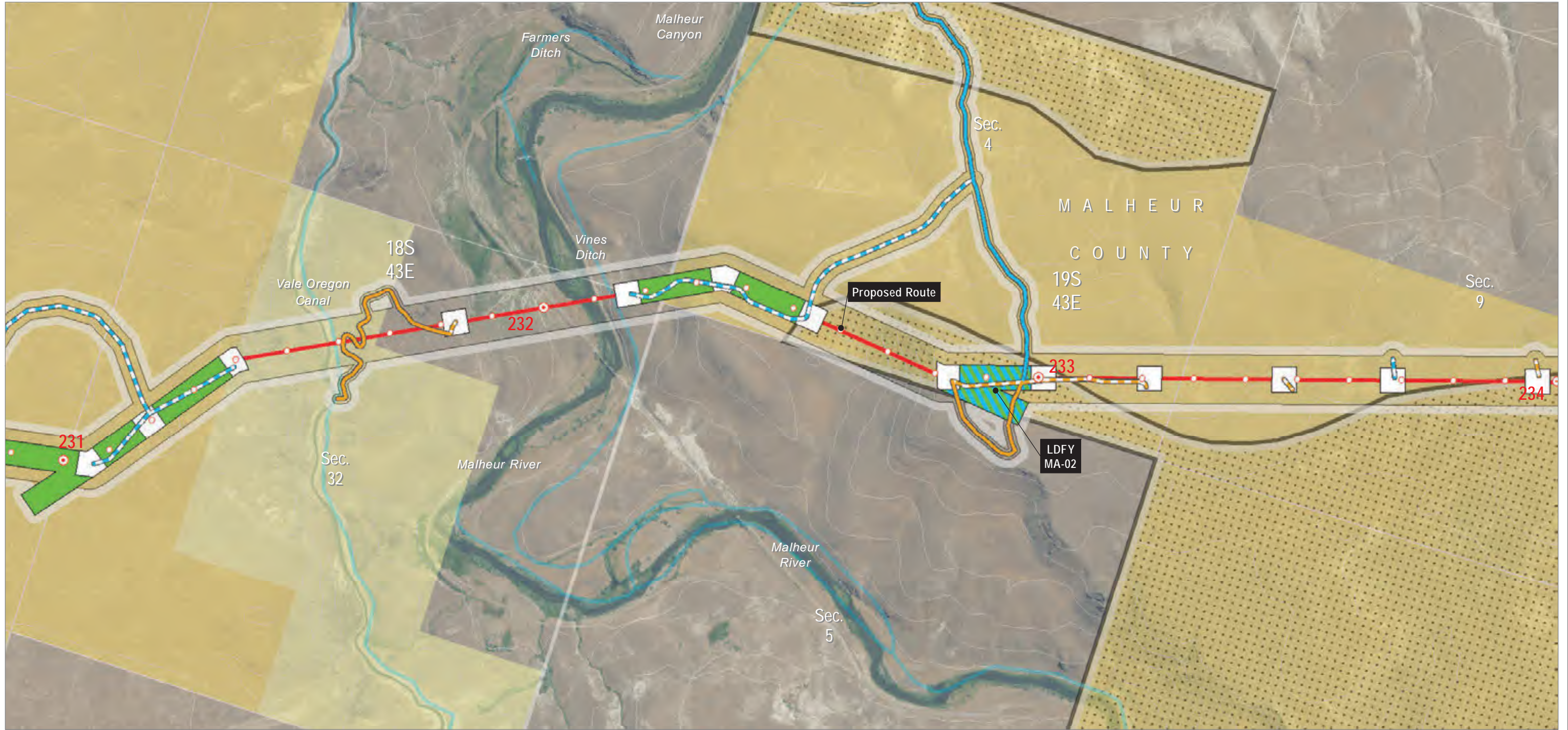
Attachment C-2
Proposed Route Location Maps

Malheur County

Map 106

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

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Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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**
 - Light-Duty Fly Yard
 - 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

VRM 3

Land Status

- Bureau of Land Management
- Bureau of Reclamation
- Private

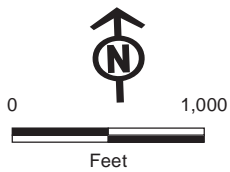
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Attachment C-2 Proposed Route Location Maps

Malheur County

Map 107



Map Area

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

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Project Features

Site Boundary

Work Areas

Multi-Use Area

Important Siting Constraints and Other Features

100-foot Contours

Existing Transmission Lines

Other Road

Railroad

Stream

Land Status

Private

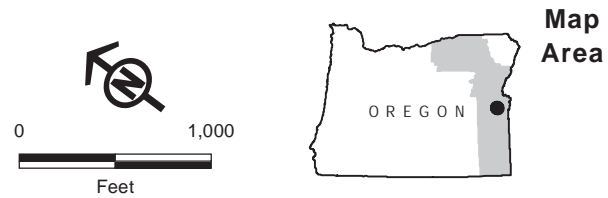
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Application for Site Certificate



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

Malheur County

Map 108



Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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**
 - 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 Constraints and Other Features**
 - 100-foot Contours

- Existing Transmission Lines
- Highway
- Vale District (BLM) Utility Corridor
- VRM 3
- Land Status**
 - Bureau of Land Management
 - Private

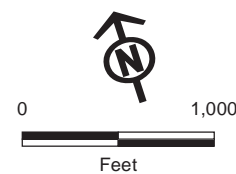
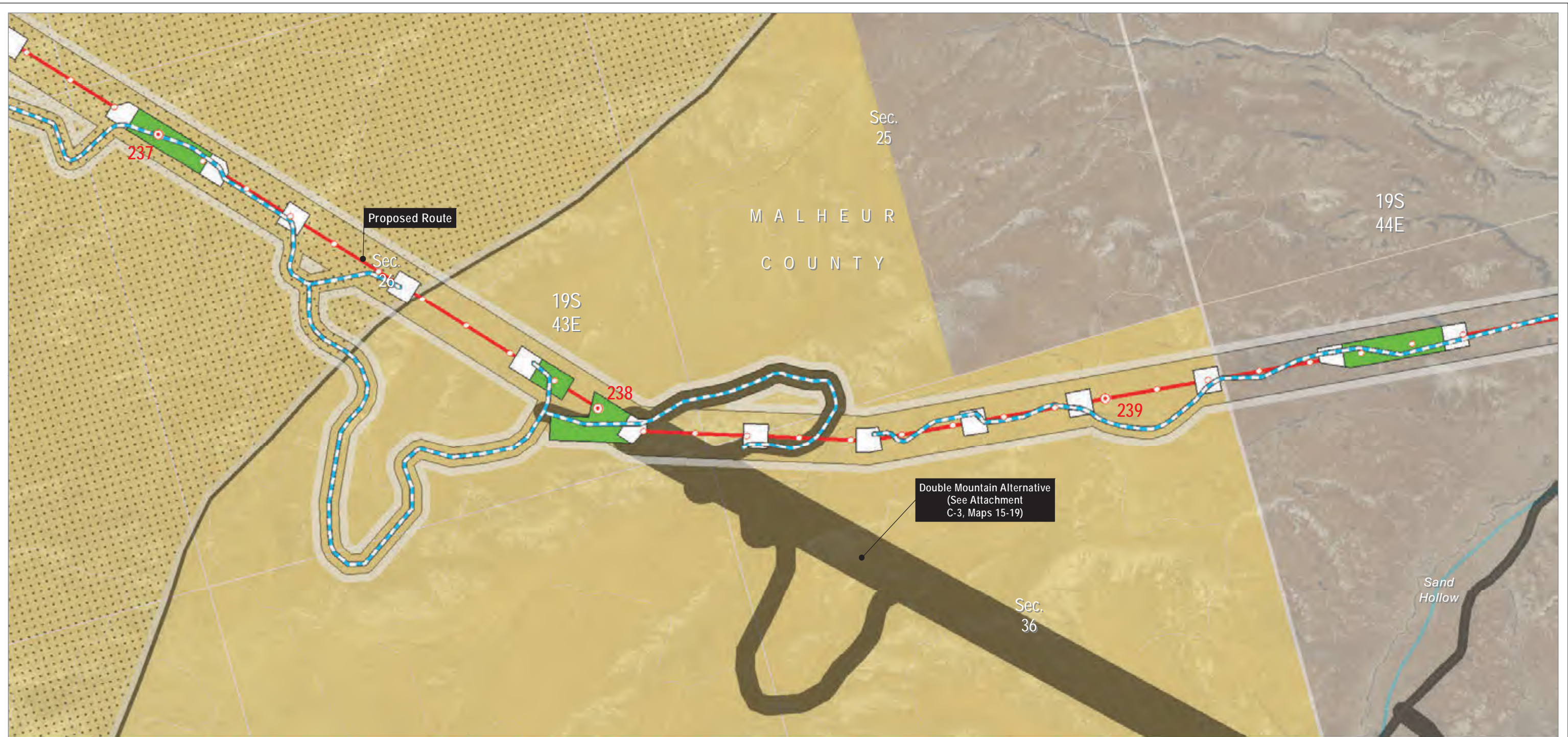
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Attachment C-2 Proposed Route Location Maps

Malheur County

Map 109



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

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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

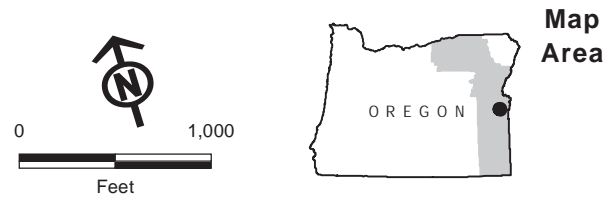
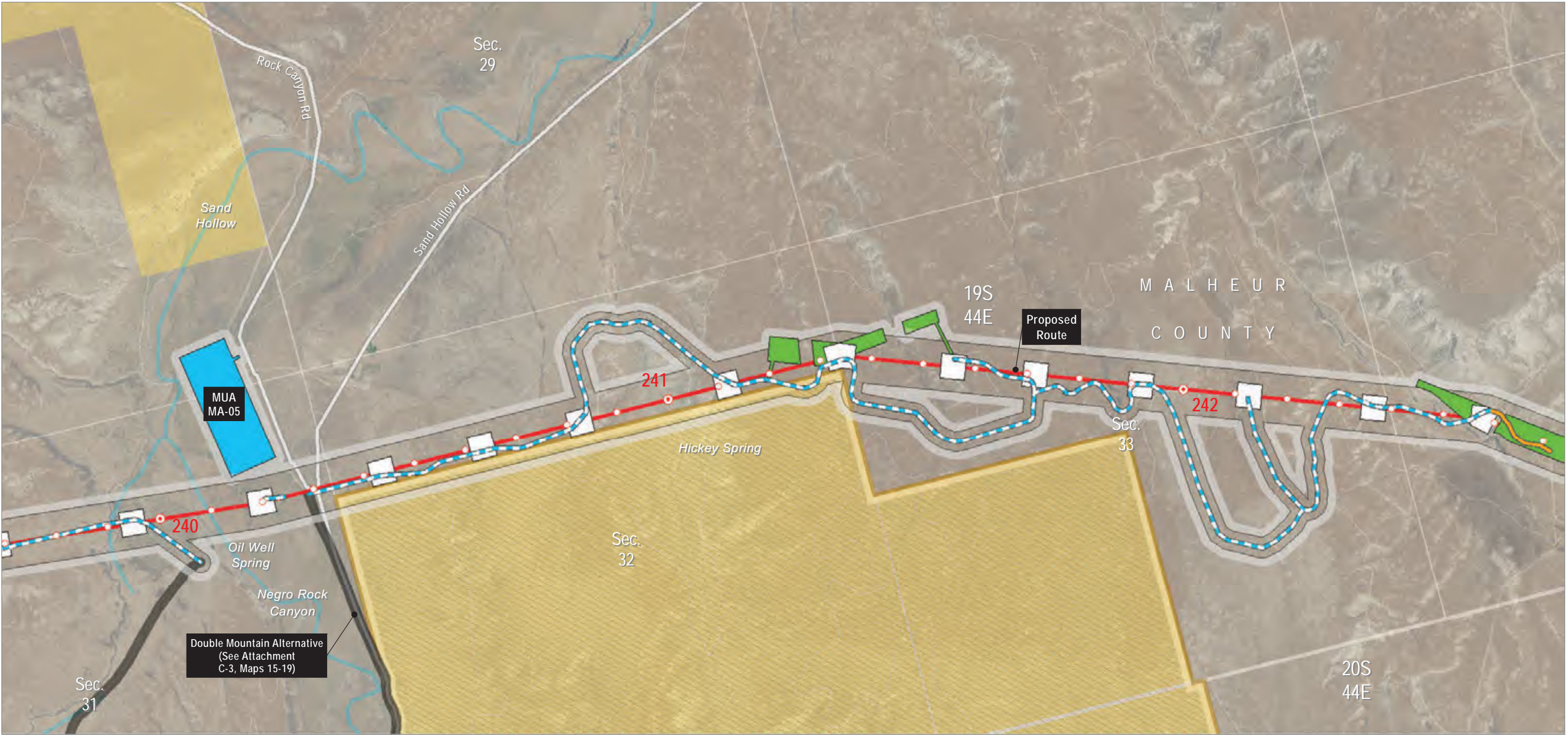
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Attachment C-2 Proposed Route Location Maps

Malheur County

Map 110



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

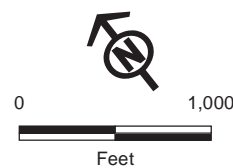
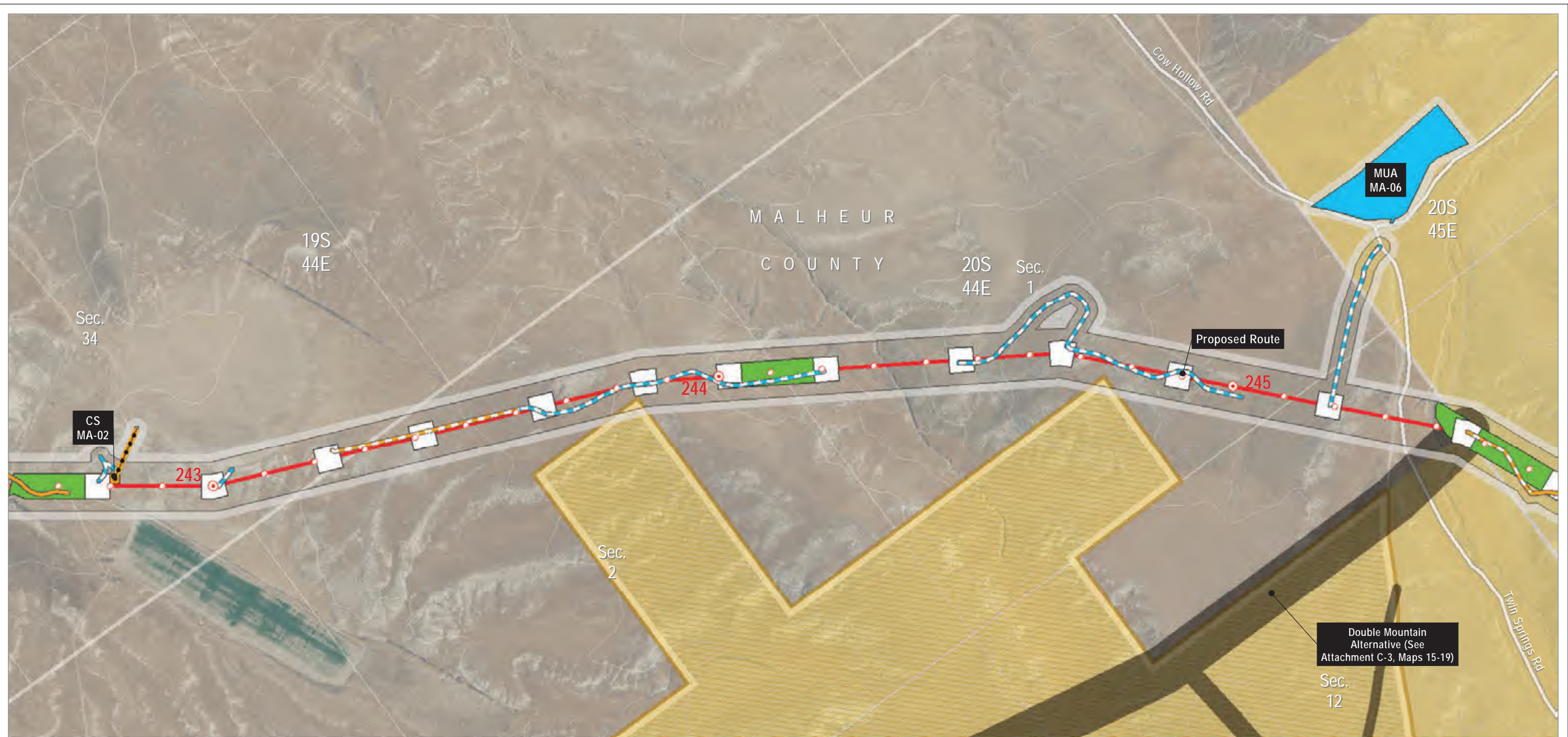
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- Project Features**
- Site Boundary
 - Alternative
 - Transmission Centerline
 - Mileposts
 - Mile
 - Tenth-mile
 - Work Areas
 - Multi-Use Area
 - Pulling and Tensioning
 - Structure Work Area
- Access**
- Existing Road, Substantial Modification,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

Boardman to Hemingway Transmission Line Project
Application for Site Certificate



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



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

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Project Features

- Site Boundary
- Alternative
- Transmission Centerline
- Mileposts**
 - Mile
 - Tenth-mile
- Work Areas**
 - Communication Station
 - Multi-Use Area
 - 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

Other Road

- Wilderness Characteristic Unit Meeting Wilderness Criteria

Land Status

- Bureau of Land Management
- Private

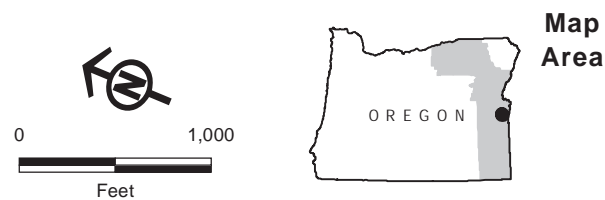
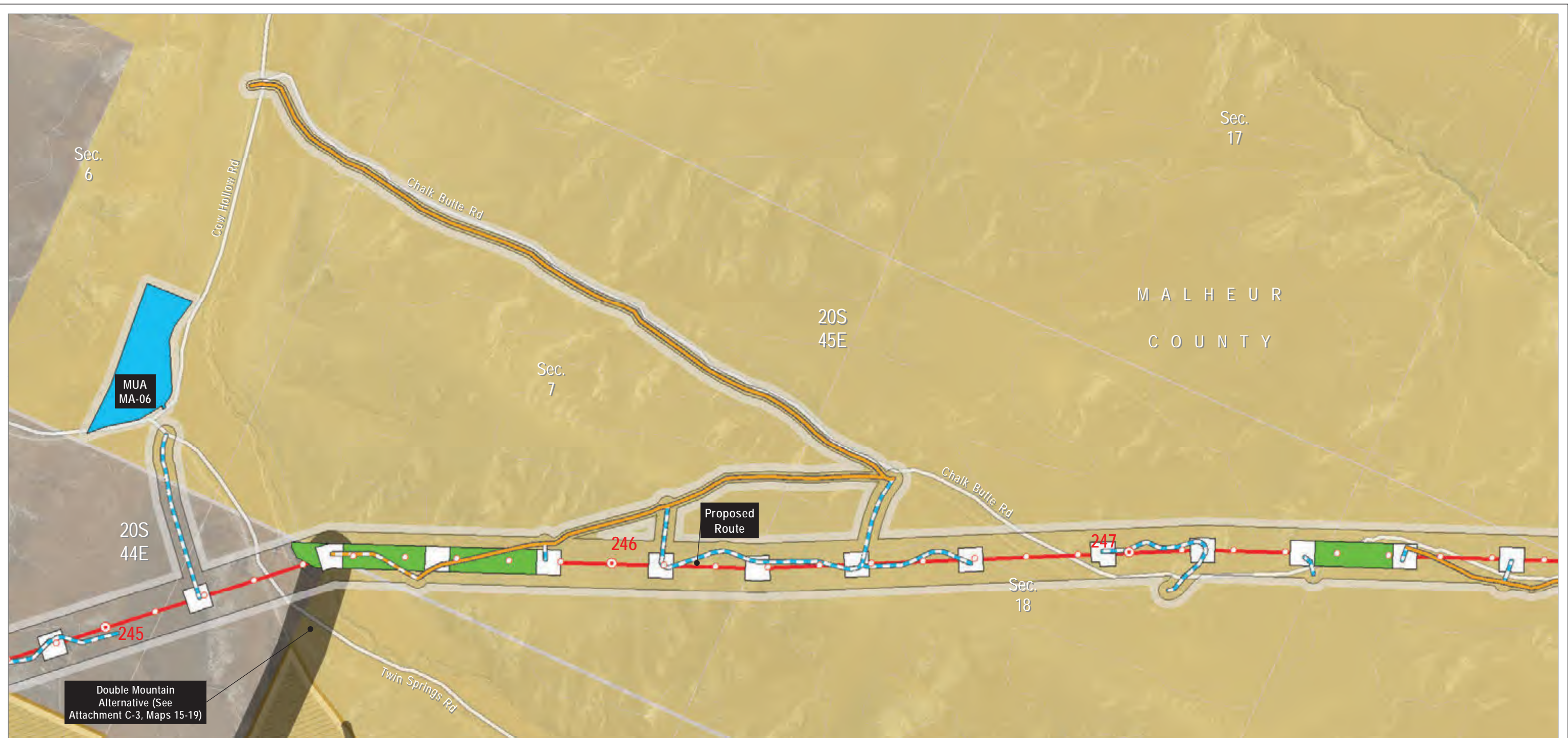
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Attachment C-2 Proposed Route Location Maps

Malheur County

Map 112



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

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Project Features

- Site Boundary
- Alternative
- 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
- New Road, Bladed
- New Road, Primitive
- Important Siting Constraints and Other Features**
 - 100-foot Contours
 - Other Road

- Wilderness Characteristic Unit Meeting Wilderness Criteria

Land Status

- Bureau of Land Management
- Private

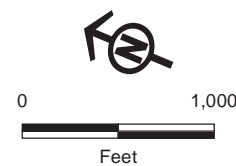
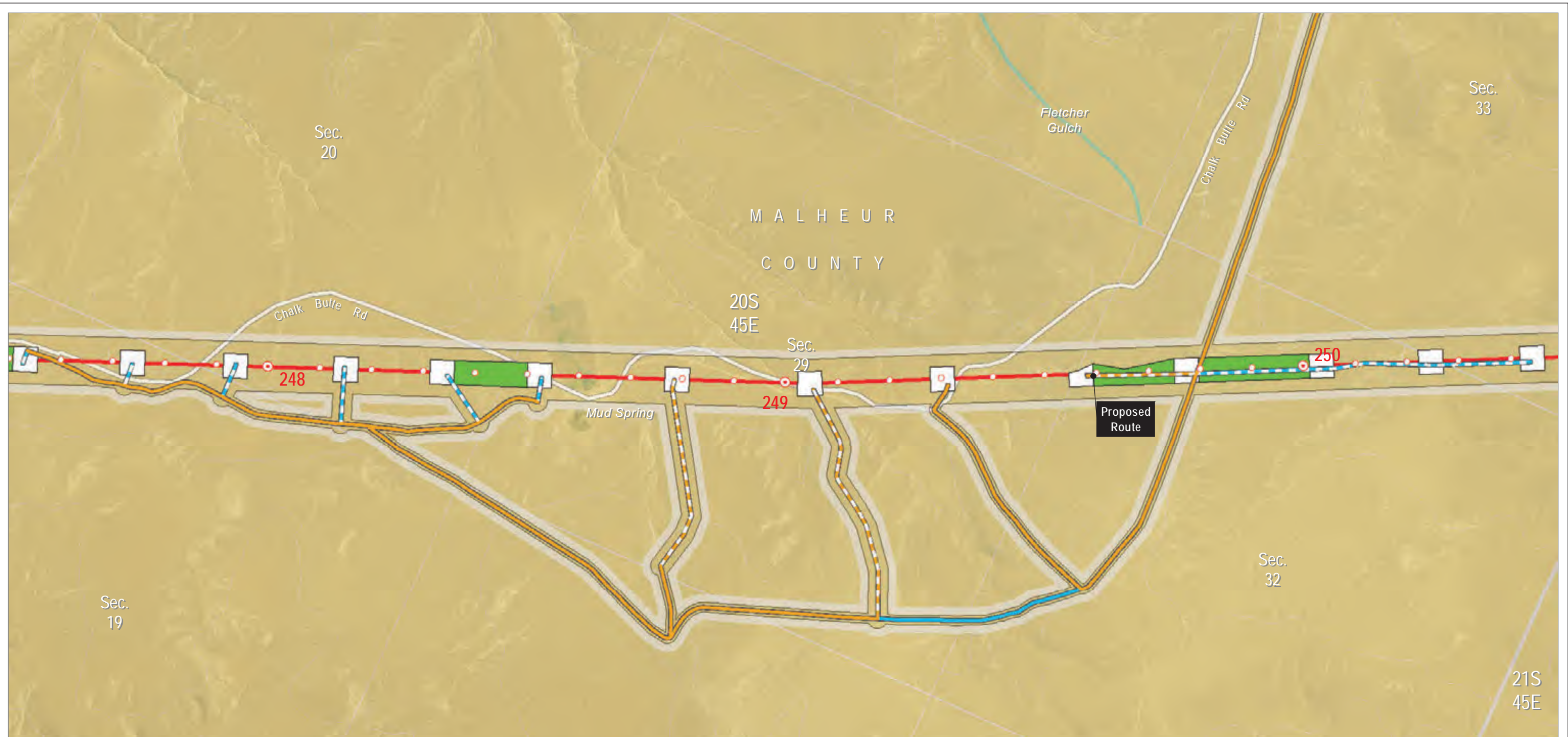
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Application for Site Certificate



Attachment C-2 Proposed Route Location Maps

Malheur County

Map 113



Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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, 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
 - Other Road
 - Stream
- Land Status**
 - Bureau of Land Management

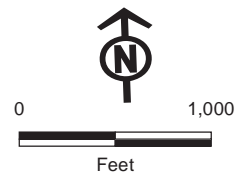
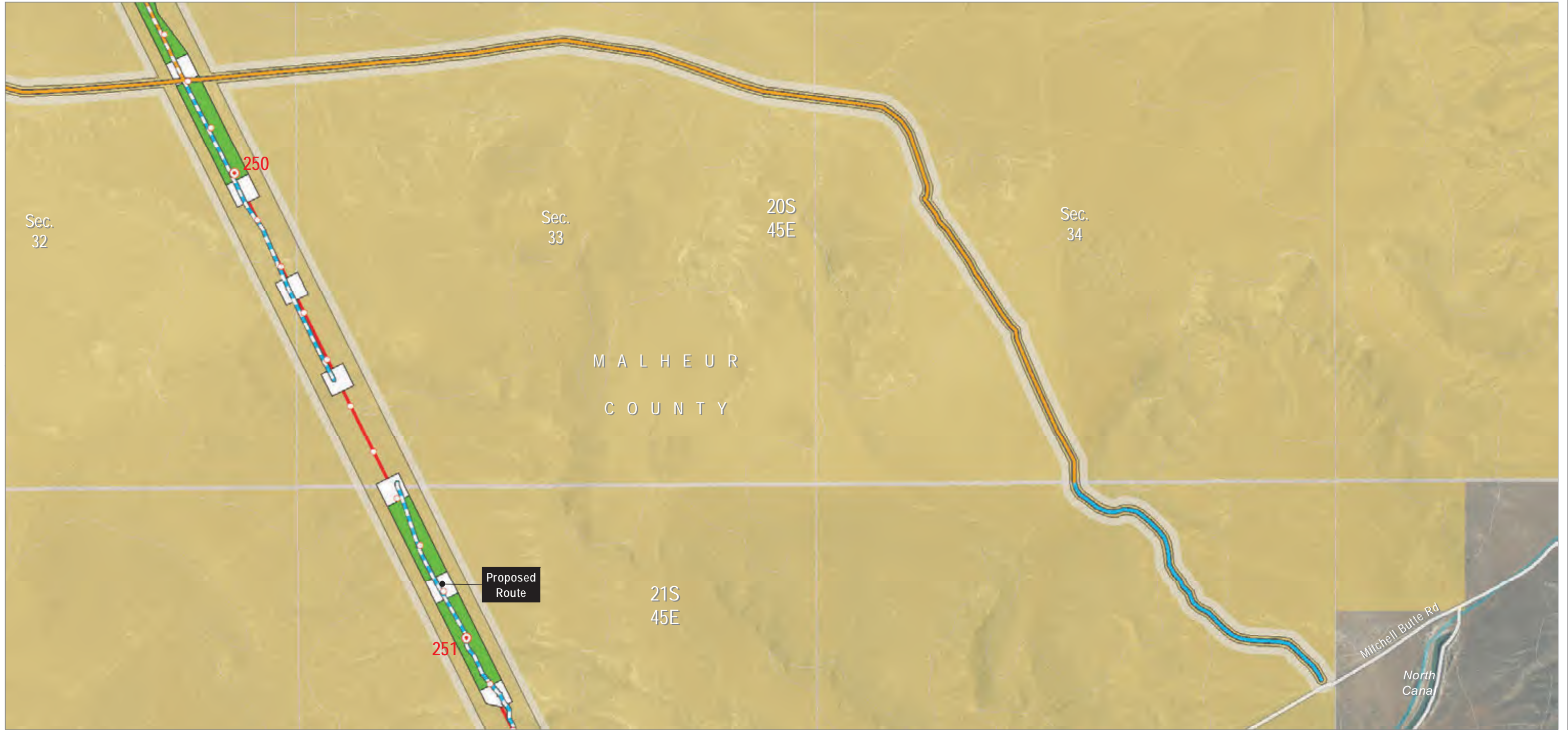
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Attachment C-2 Proposed Route Location Maps

Malheur County

Map 114



Map Area

Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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, 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
 - Other Road
 - Stream
- Land Status**
 - Bureau of Land Management

Private

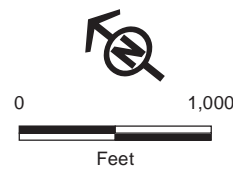
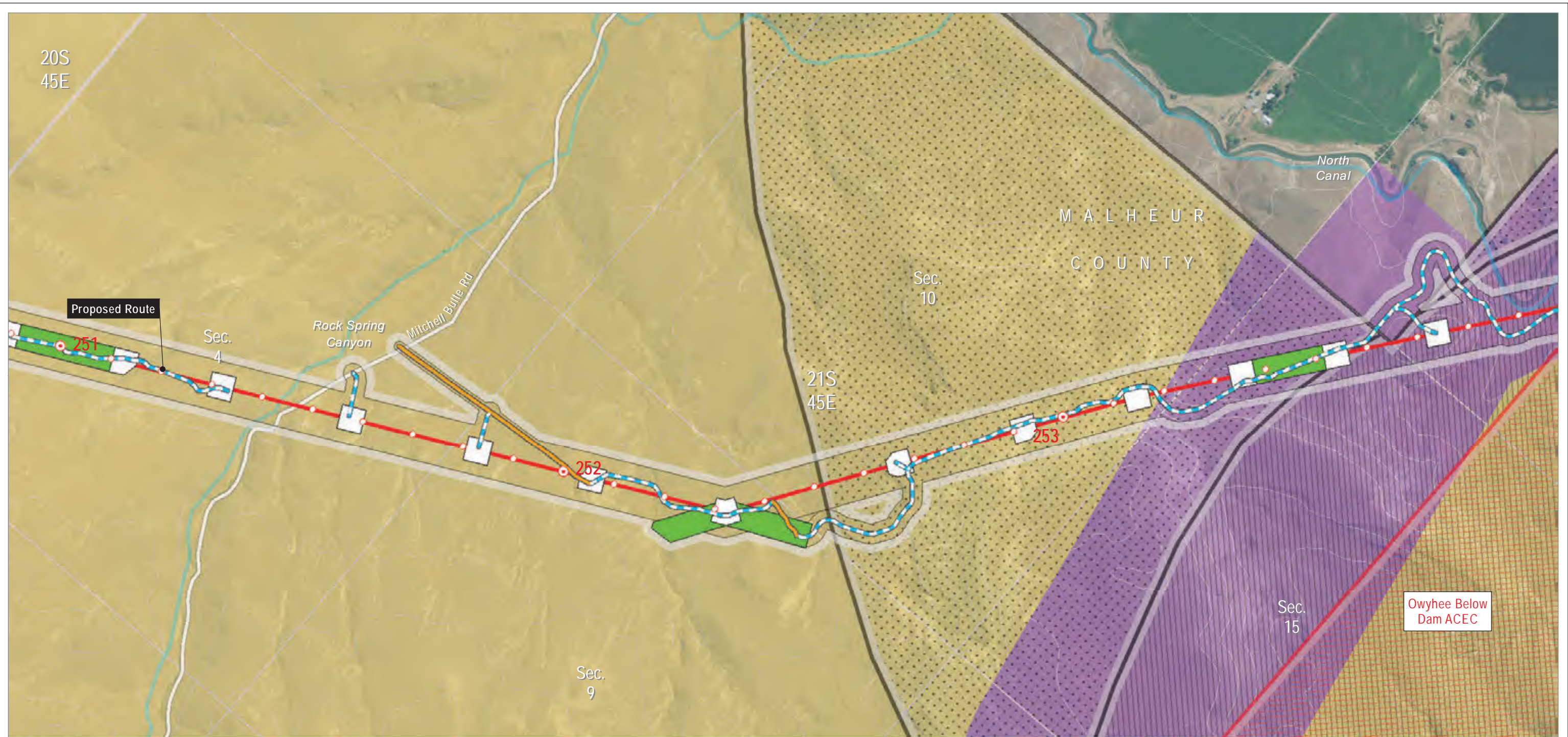
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Application for Site Certificate



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

Malheur County

Map 115



Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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, 21-70% Improvements

Important Siting Constraints and Other Features

- New Road, Bladed
- 100-foot Contours
- Other Road
- Stream
- Vale District (BLM) Utility Corridor
- Protected Area (EFSC)
- VRM 2
- VRM 3

Land Status

- Bureau of Land Management
- Private

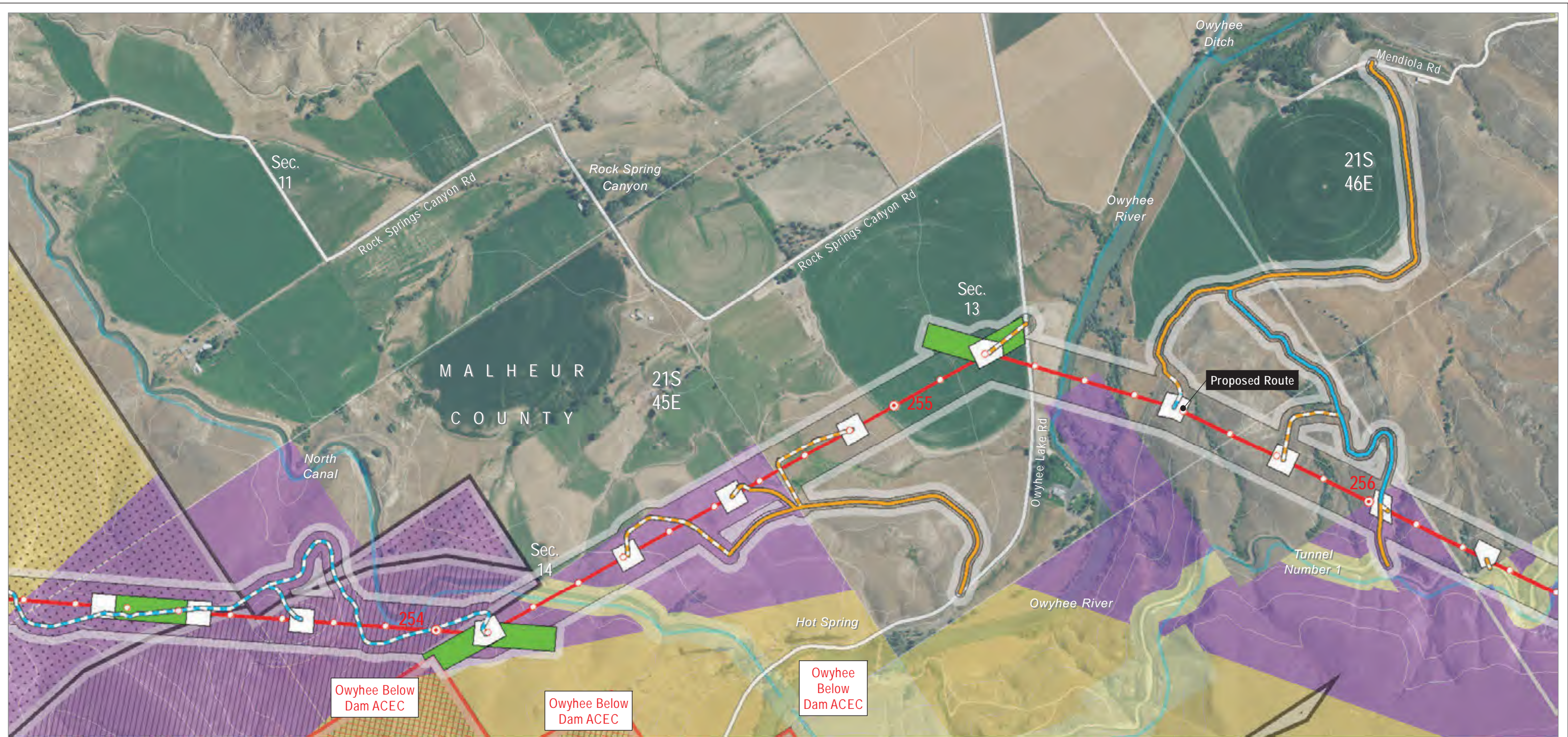
Boardman to Hemingway Transmission Line Project
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Attachment C-2 Proposed Route Location Maps

Malheur County

Map 116



Map Area

Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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, 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
 - Other Road
 - Stream
 - Vale District (BLM) Utility Corridor
 - Protected Area (EFSC)
 - Land Status
 - VRM 2
 - VRM 3
 - Bureau of Land Management
 - Bureau of Reclamation
 - Private

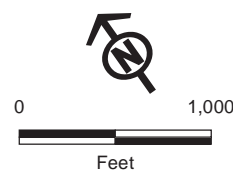
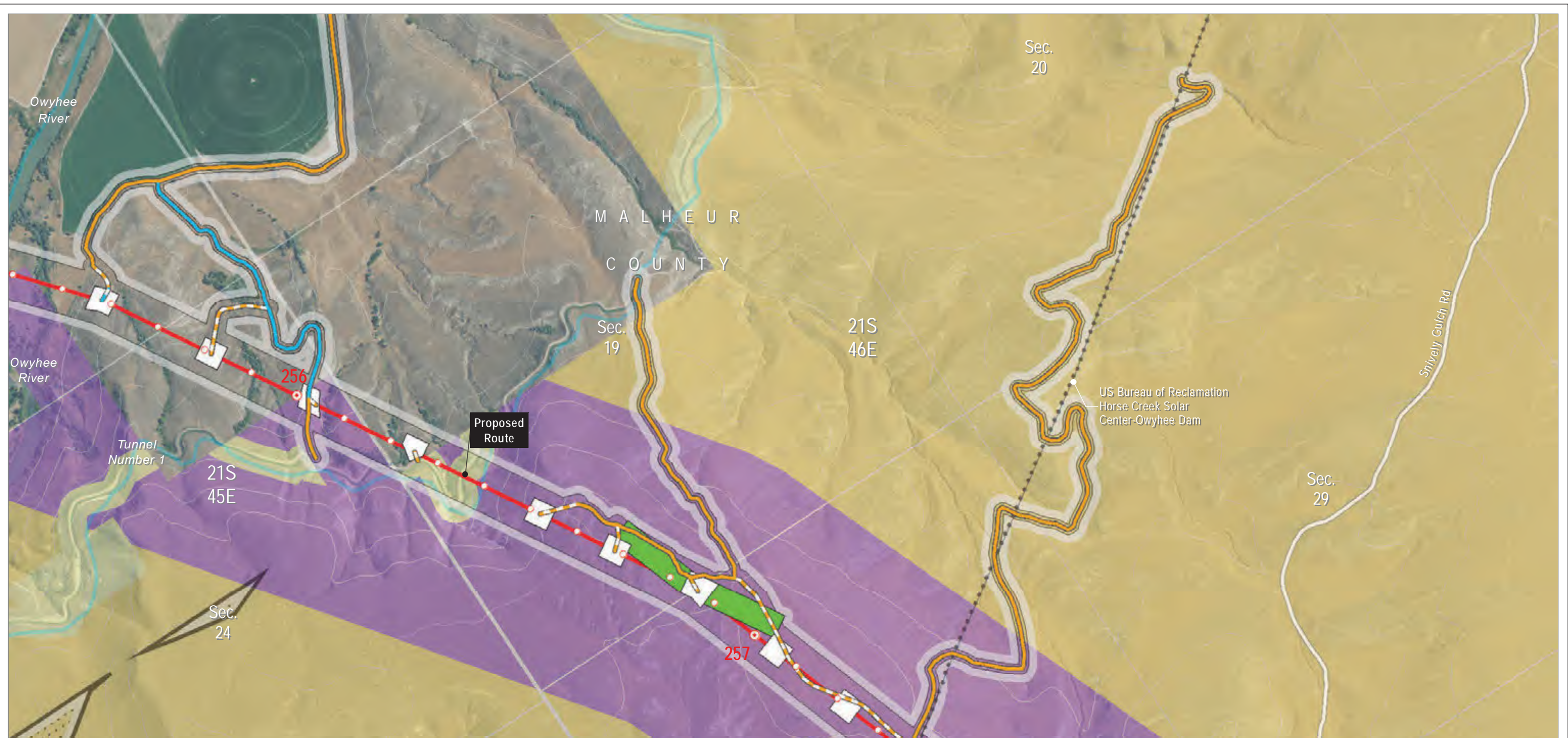
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Attachment C-2 Proposed Route Location Maps

Malheur County

Map 117



Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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, 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
 - Existing Transmission Lines
 - Other Road
 - Stream

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

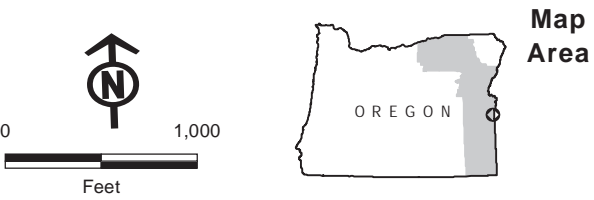
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Attachment C-2 Proposed Route Location Maps

Malheur County

Map 118



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

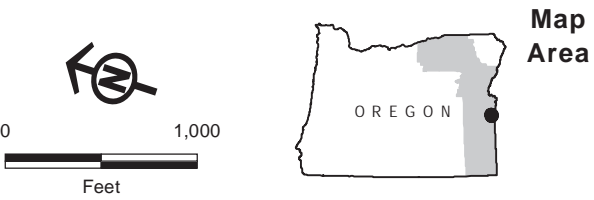
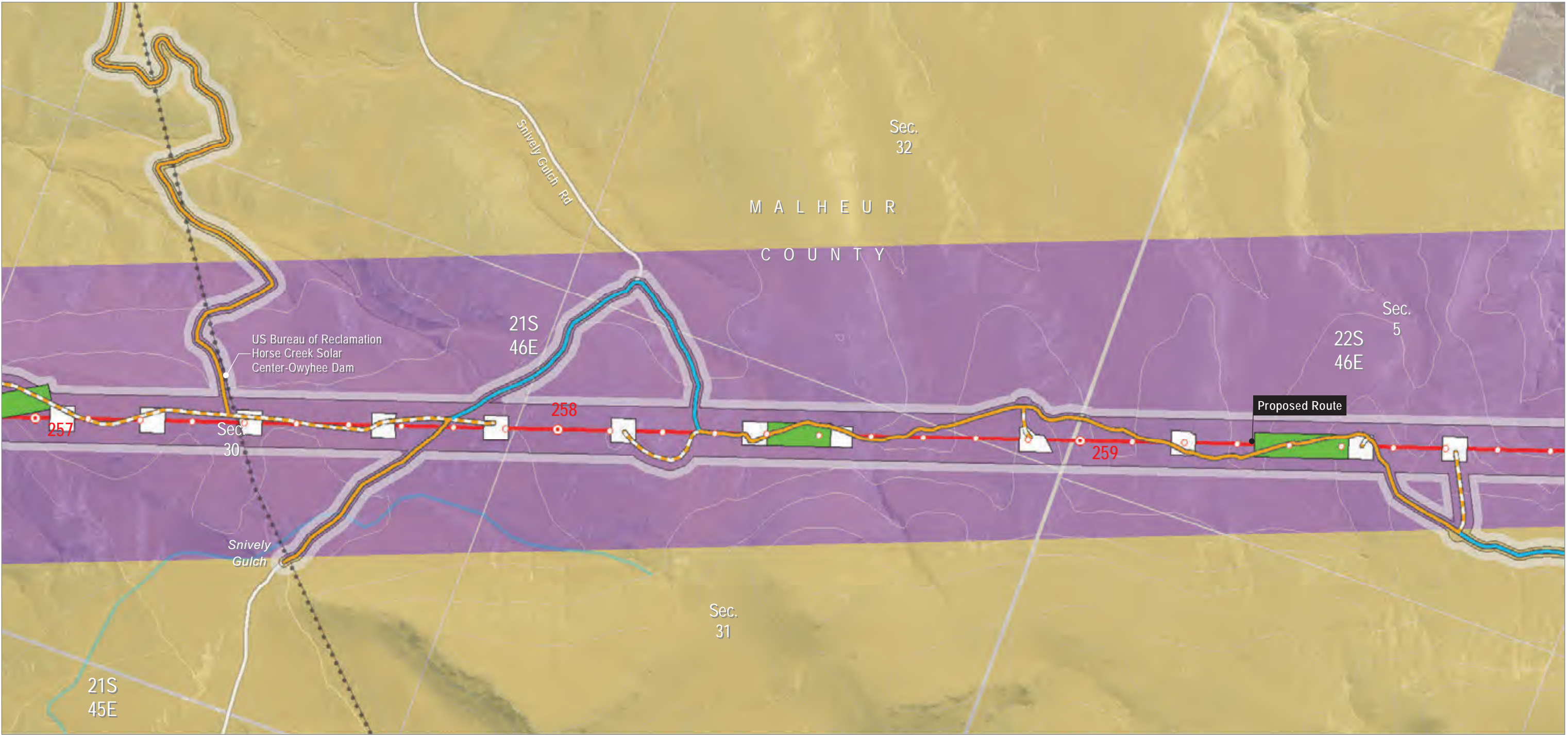
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- Project Features**
- Site Boundary
 - Work Areas
 - Multi-Use Area
 - Important Siting Constraints and Other Features
 - 100-foot Contours
 - Other Road
 - Stream
 - Protected Area (EFSC)
- Land Status**
- Bureau of Land Management
 - Fish and Wildlife Service
 - Private
 - State or Local

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



Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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, 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
 - Other Road
 - Stream
 - Vale District (BLM) Utility Corridor
- Land Status**
- Bureau of Land Management
 - Private

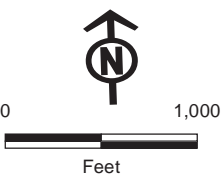
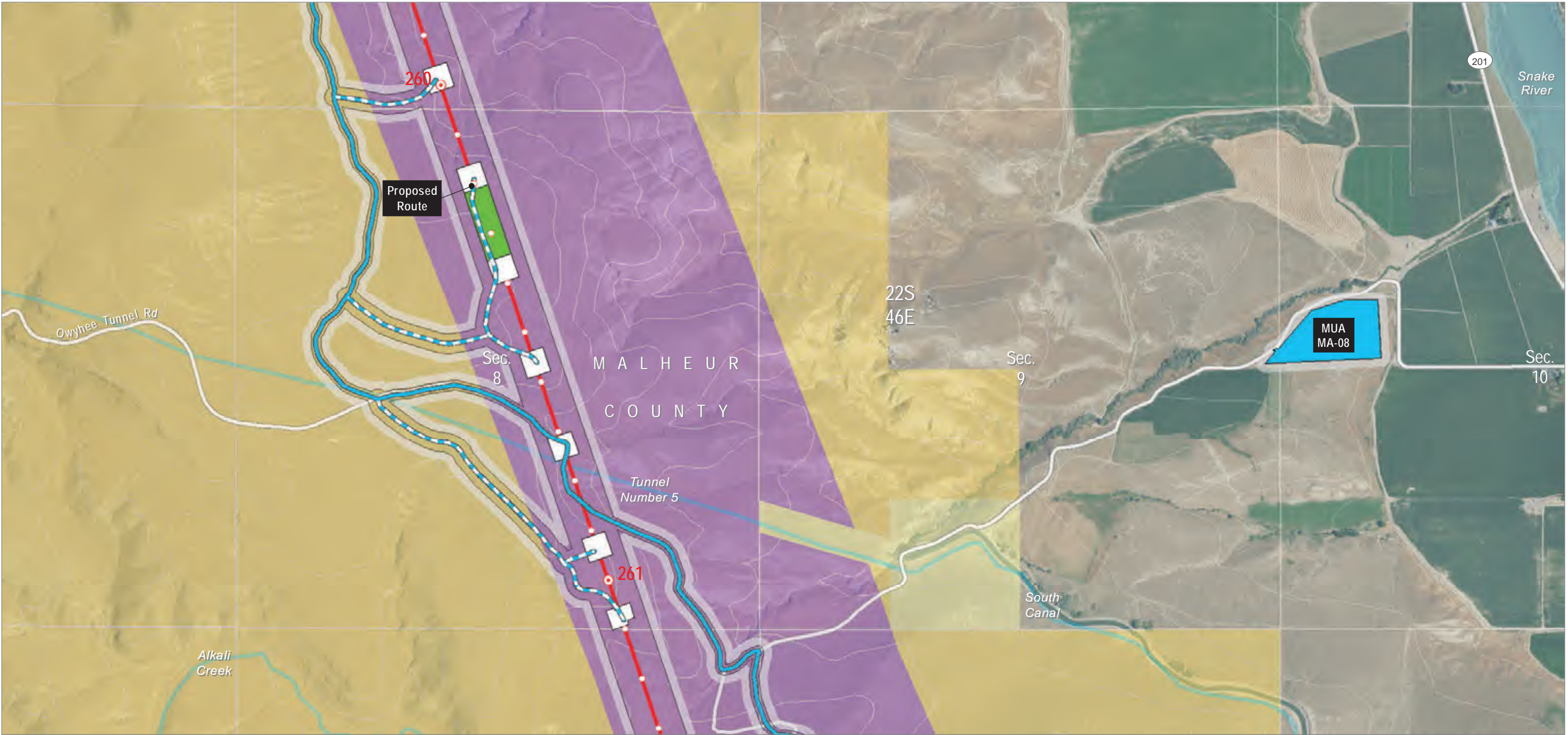
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



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

Malheur County

Map 120



Map Area

Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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
 - Multi-Use Area
 - Pulling and Tensioning
 - Structure Work Area

Access

- Existing Road, Substantial Modification, 71-100% Improvements
- New Road, Bladed
- Important Siting Constraints and Other Features
 - 100-foot Contours
 - Other Road
 - Stream
 - Vale District (BLM) Utility Corridor

Land Status

- Bureau of Land Management
- Bureau of Reclamation
- Private
- State or Local

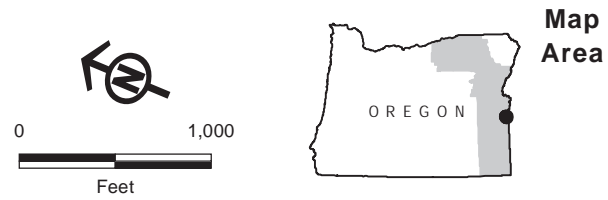
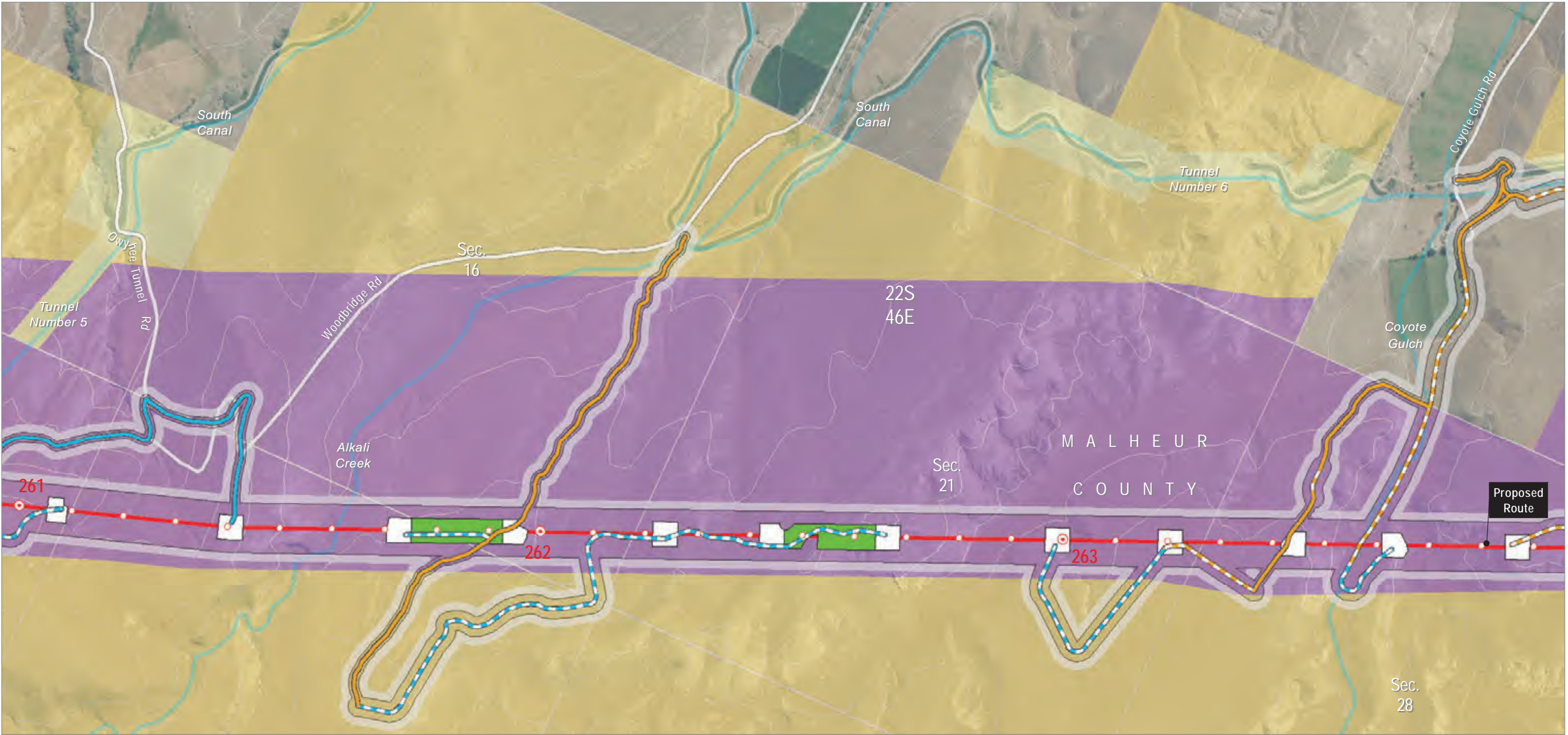
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



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

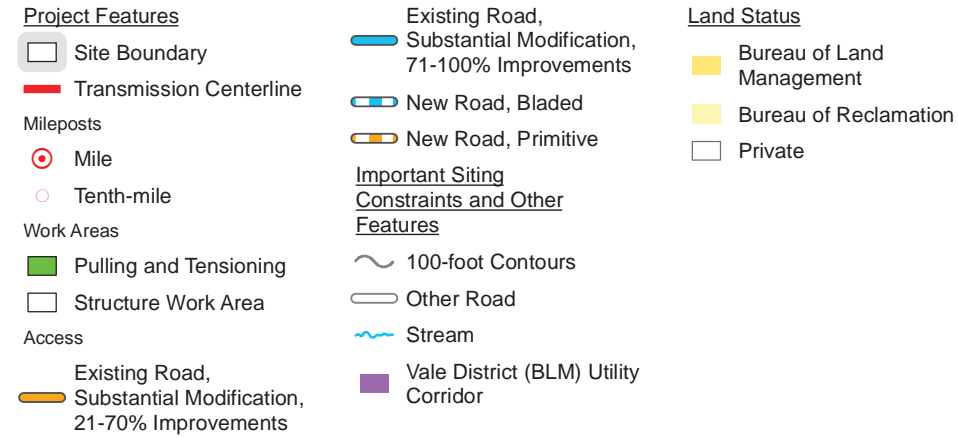
Malheur County

Map 121



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

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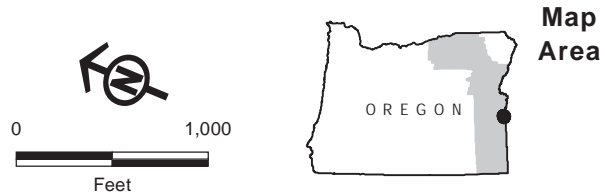
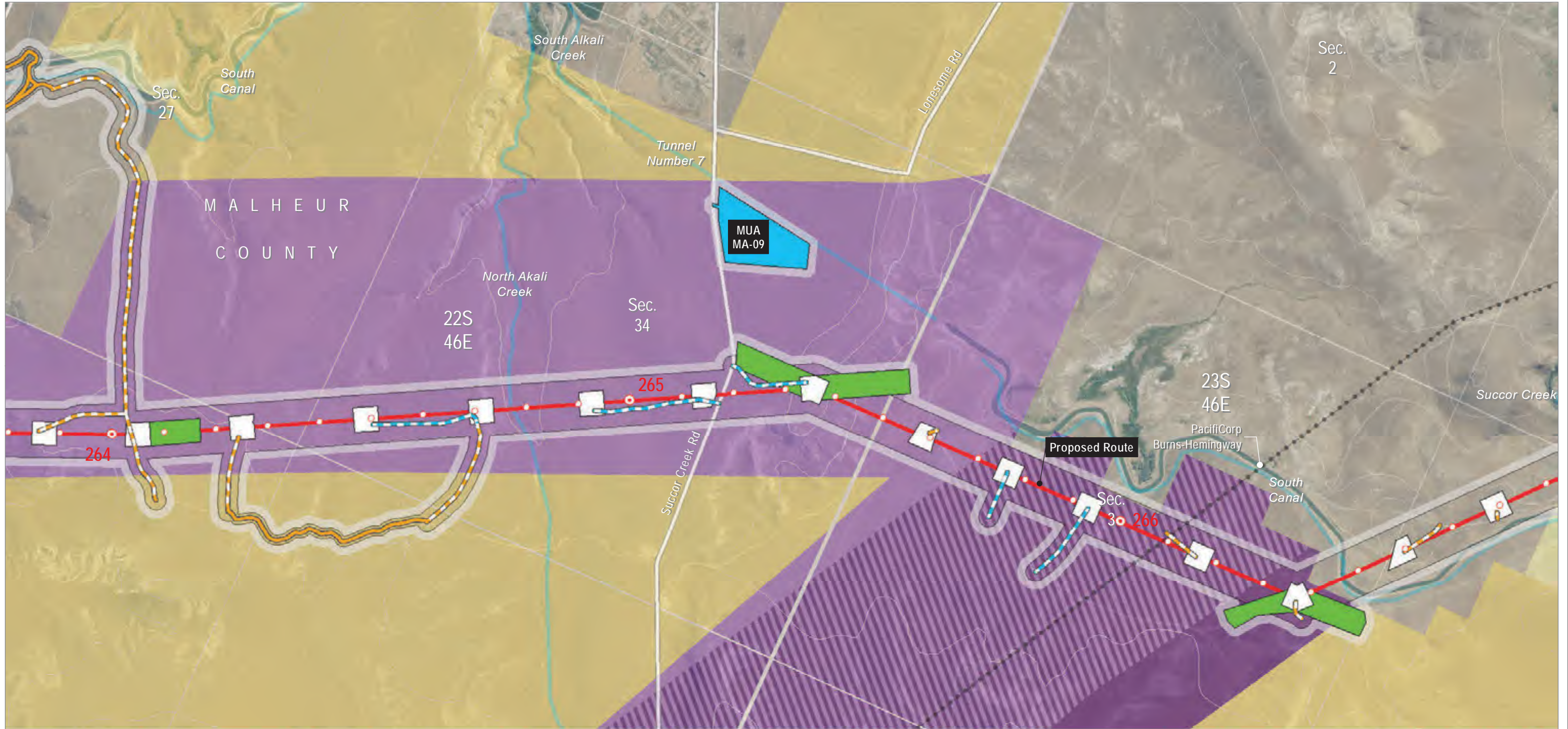
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-2 Proposed Route Location Maps

Malheur County

Map 122



Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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**
 - Multi-Use Area
 - 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

- Vale District (BLM) Utility Corridor
- Vale District (BLM) Utility Corridor and West-wide Energy Corridor (WWEC)

- West-wide Energy Corridor (WWEC)

Land Status

- Bureau of Land Management
- Bureau of Reclamation
- Private

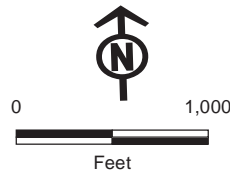
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-2 Proposed Route Location Maps

Malheur County

Map 123



Map Area

Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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, 21-70% Improvements

- Important Siting Constraints and Other Features**
- New Road, Bladed
 - New Road, Primitive
 - 100-foot Contours
 - Existing Transmission Lines
 - Other Road
 - Stream
 - Vale District (BLM) Utility Corridor

- Land Status**
- Vale District (BLM) Utility Corridor and West-wide Energy Corridor (WVEC)
 - West-wide Energy Corridor (WVEC)
 - VRM 3
 - Bureau of Land Management
 - Bureau of Reclamation
 - Private

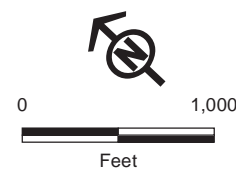
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



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

Malheur County

Map 124



Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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**
 - Communication Station
 - 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
- Distribution Line to Communication Station (IPC Service Territory Only)

Important Siting Constraints and Other Features

- 100-foot Contours
- Existing Transmission Lines
- Stream
- Vale District (BLM) Utility Corridor
- Vale District (BLM) Utility Corridor and West-wide Energy Corridor (WVEC)

- West-wide Energy Corridor (WVEC)
- VRM 3

Land Status

- Bureau of Land Management
- Bureau of Reclamation
- Private

Boardman to Hemingway Transmission Line Project
Application for Site Certificate

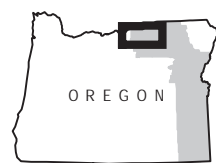
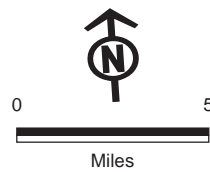
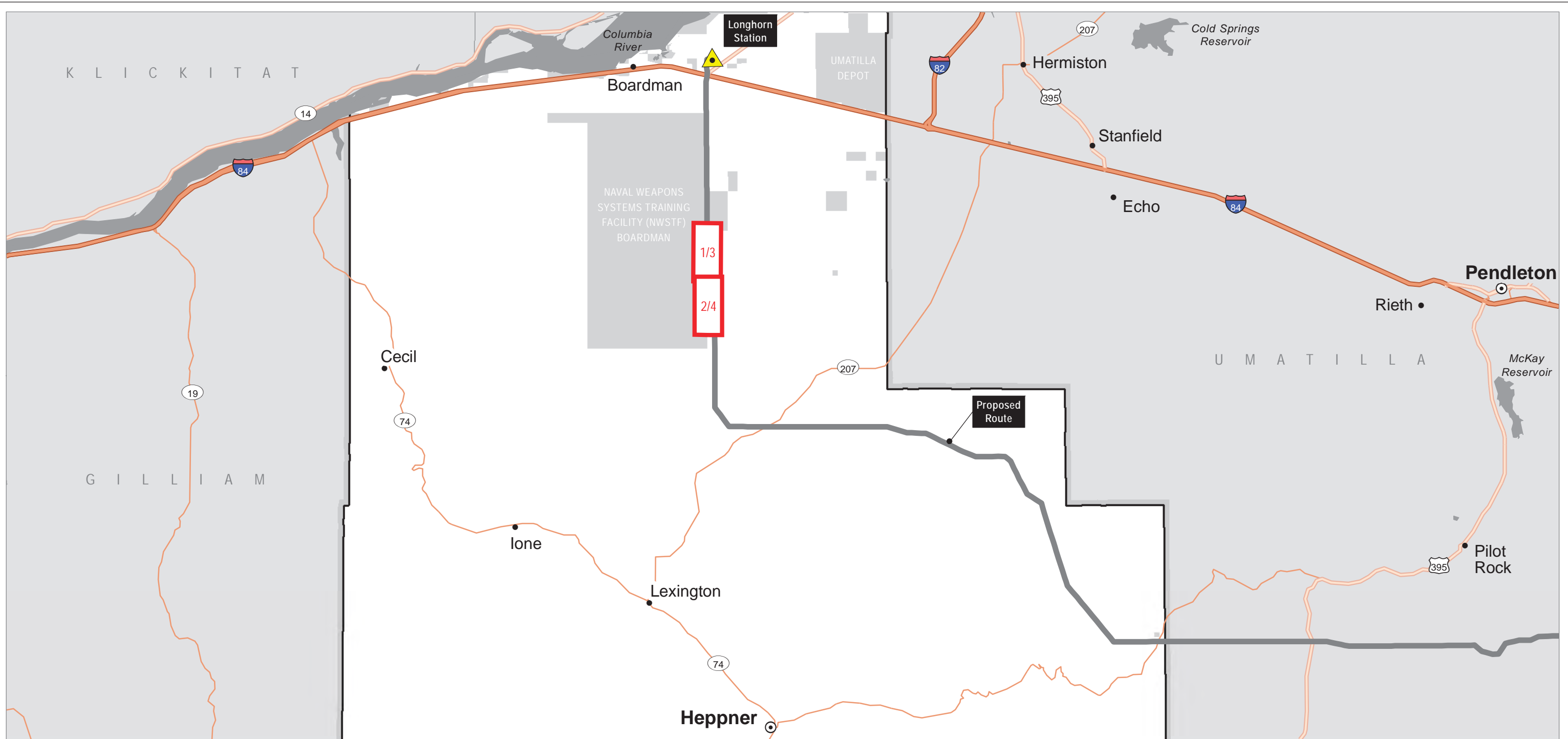


Attachment C-2 Proposed Route Location Maps

Malheur County

Map 125

ATTACHMENT C-3 ALTERNATIVE ROUTE LOCATIONS



Map Area

Source(s): BLM, IPC, Esri

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Map Index

 Location Map (Map #)

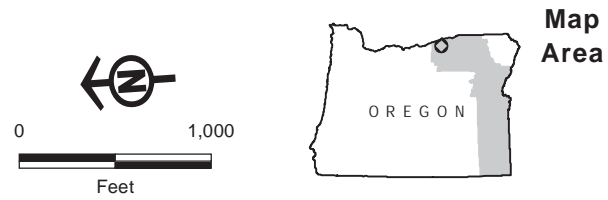
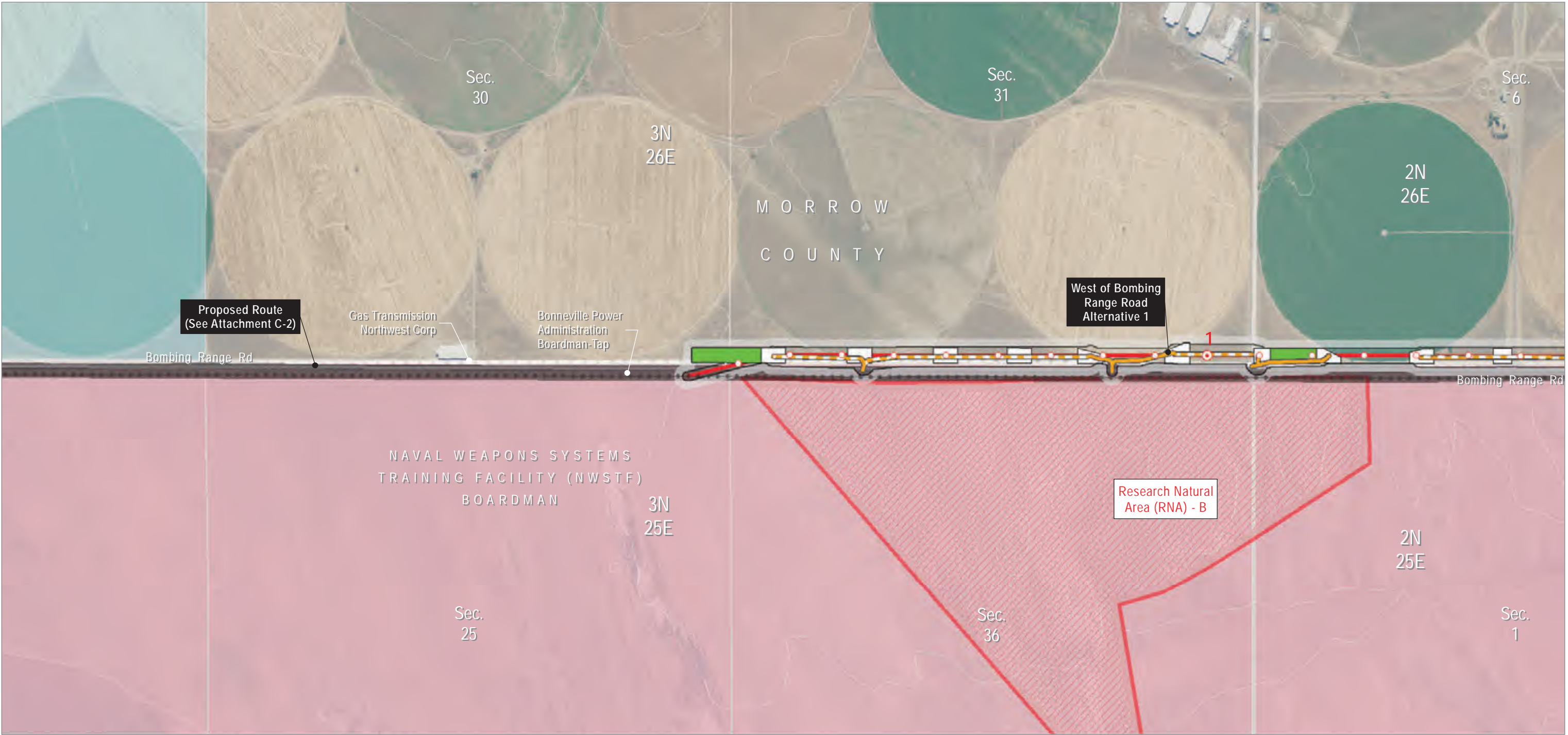
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



**Attachment C-3
Alternative Location Maps**

West of Bombing Range Road Alternatives 1/2
Morrow County

Map Index



Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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, Primitive

Important Siting Constraints and Other Features

- 100-foot Contours
- Existing Transmission Lines
- Pipeline
- Other Road
- Protected Area (EFSC)

Land Status

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

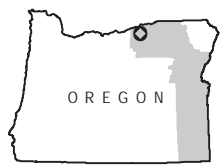
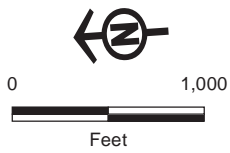
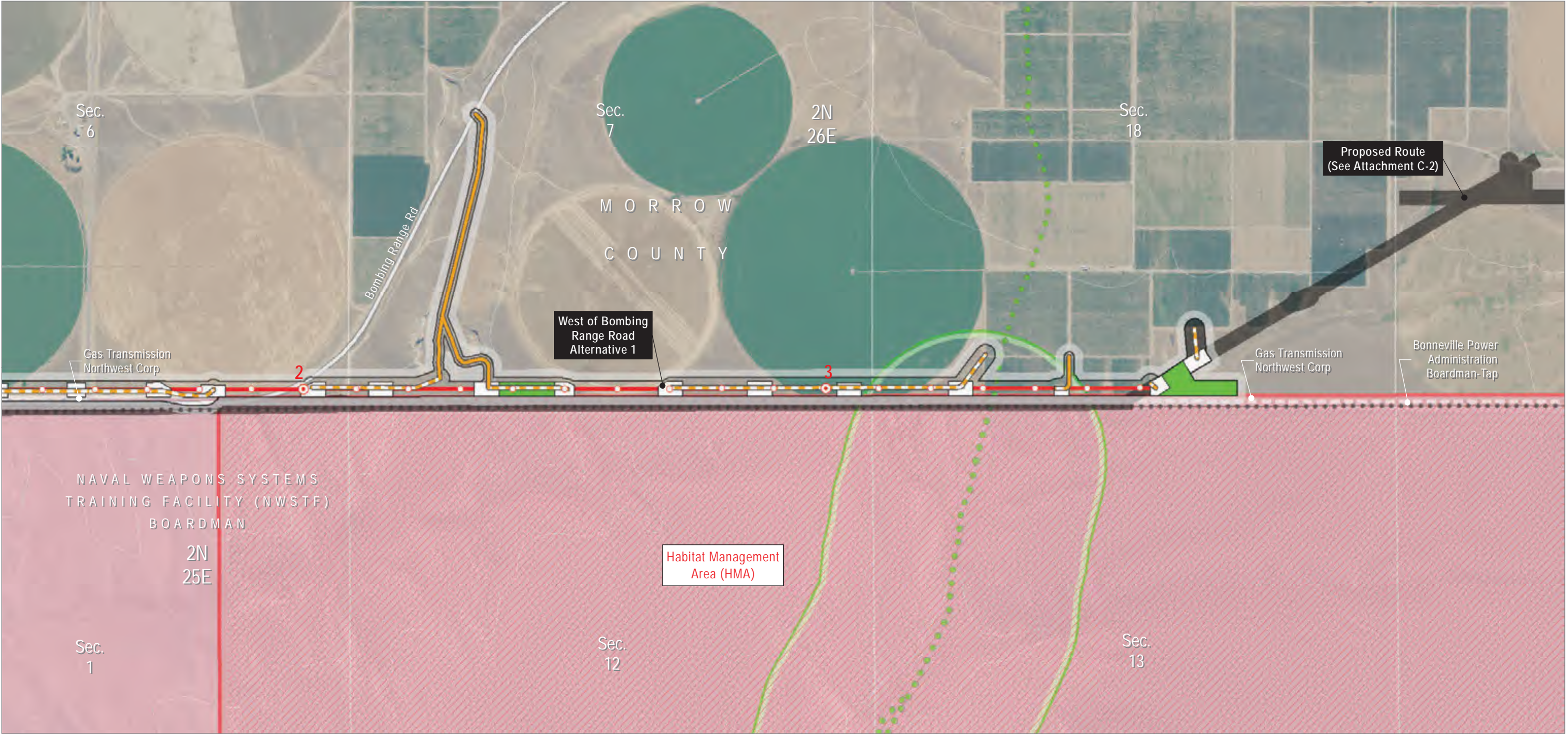
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



**Attachment C-3
Alternative Location Maps**

West of Bombing Range Road Alternative 1
Morrow County

Map 1



Map Area

Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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, Primitive
- Important Siting Constraints and Other Features
 - 100-foot Contours
 - Existing Transmission Lines
 - Oregon National Historic Trail (NHT)
 - Pipeline

Other Road

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

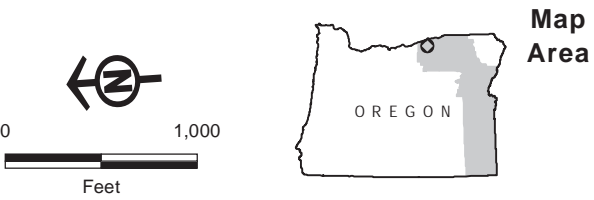
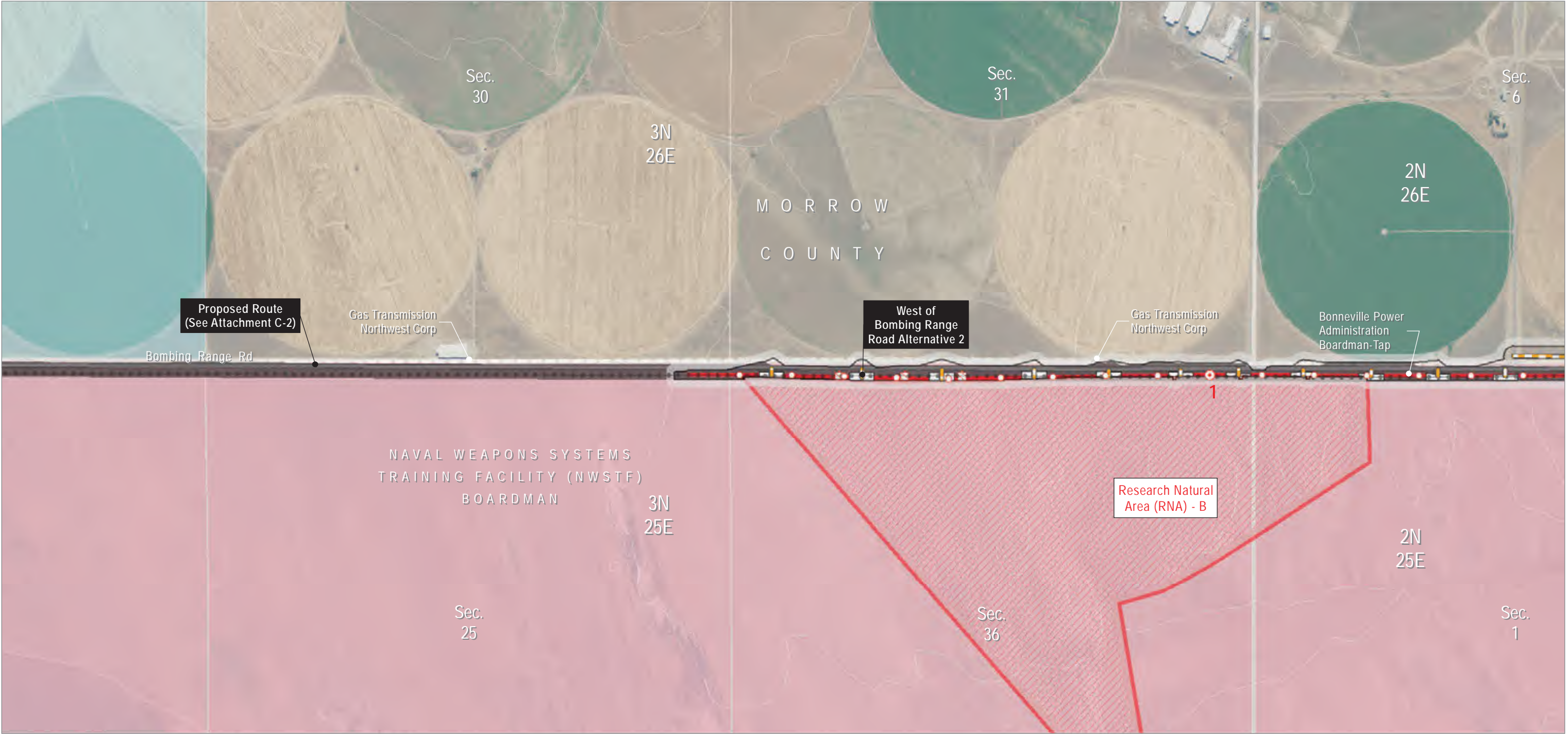
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



**Attachment C-3
Alternative Location Maps**

West of Bombing Range Road Alternative 1
Morrow County

Map 2



Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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**
- Structure Work Area
 - Structure Work Area (Removal Only)
- Access**
- New Road, Primitive
- Important Siting Constraints and Other Features**
- 100-foot Contours
 - Existing Transmission Lines
 - Pipeline
 - Other Road
 - Protected Area (EFSC)

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

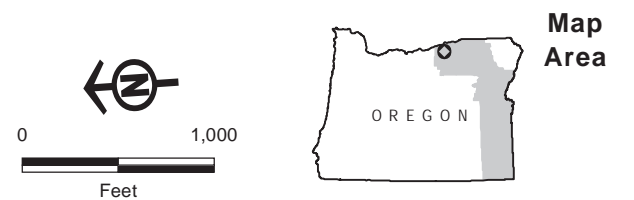
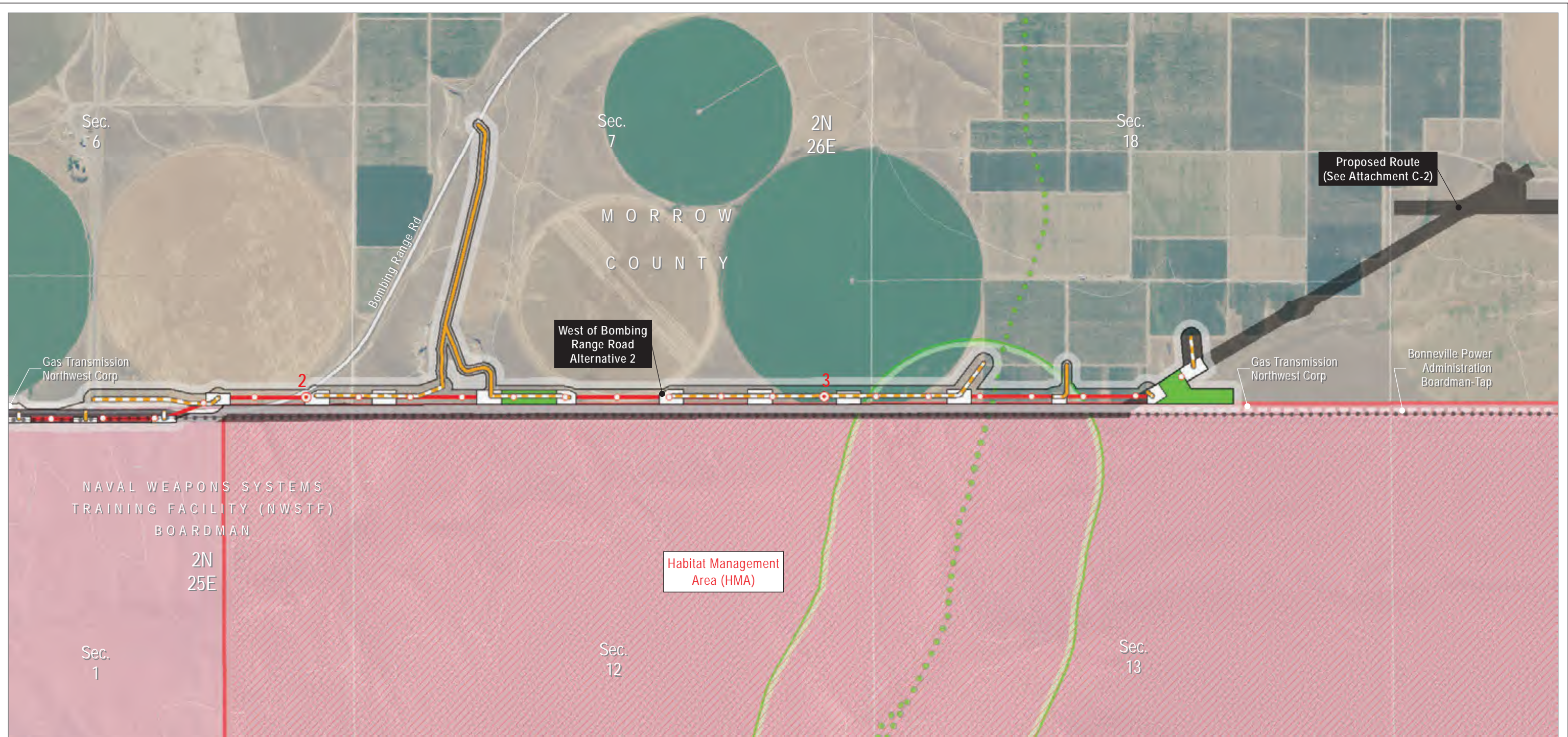
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



**Attachment C-3
Alternative Location Maps**

West of Bombing Range Road Alternative 2
Morrow County

Map 3



Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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, Primitive
- Important Siting Constraints and Other Features**
 - 100-foot Contours
 - Existing Transmission Lines
 - Oregon National Historic Trail (NHT)
 - Pipeline

Other Road

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

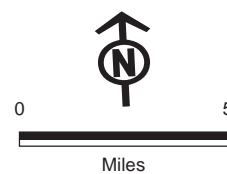
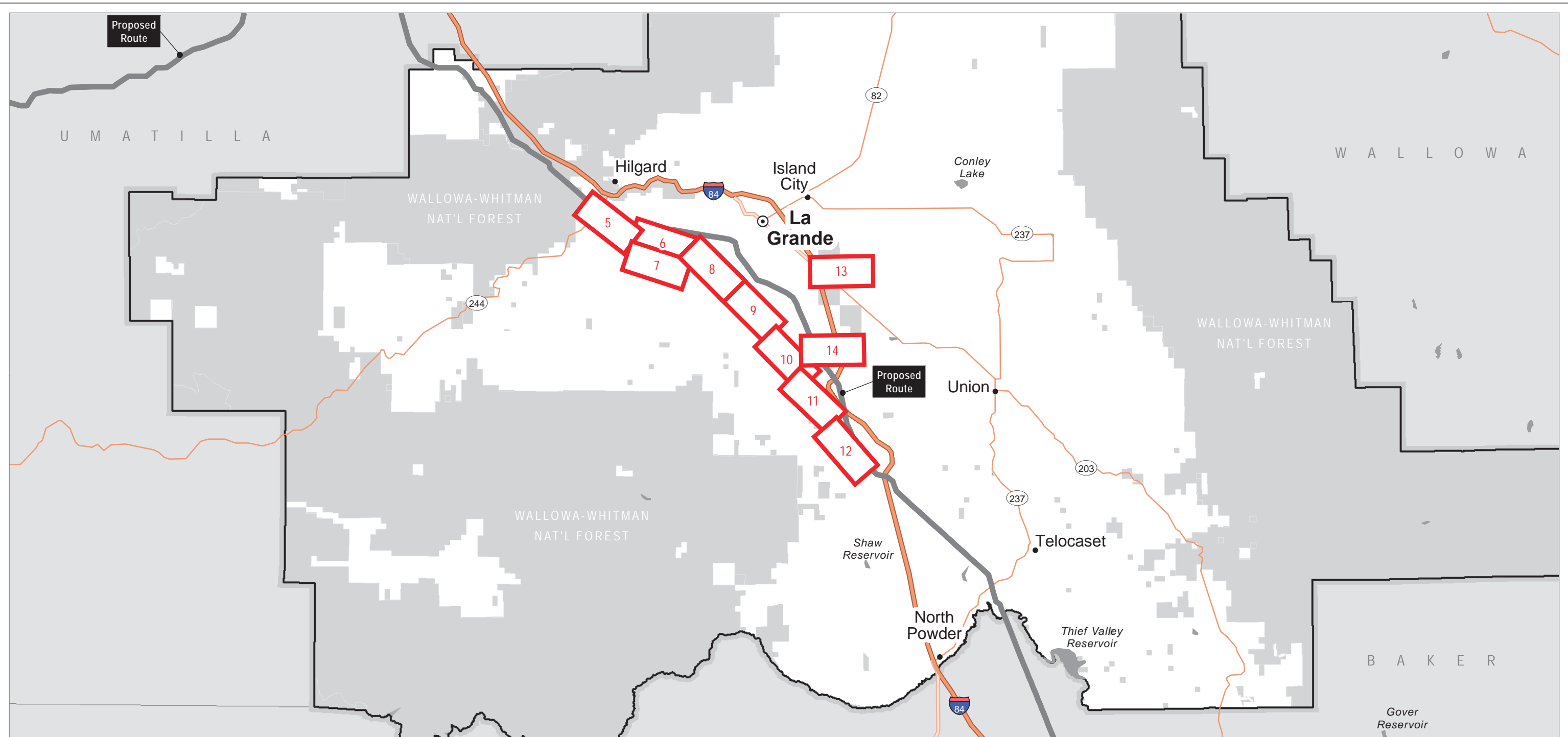
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-3 Alternative Location Maps

West of Bombing Range Road Alternative 2
Morrow County

Map 4



Source(s): BLM, IPC, Esri

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Map Index

 Location Map (Map #)

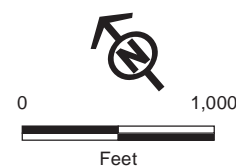
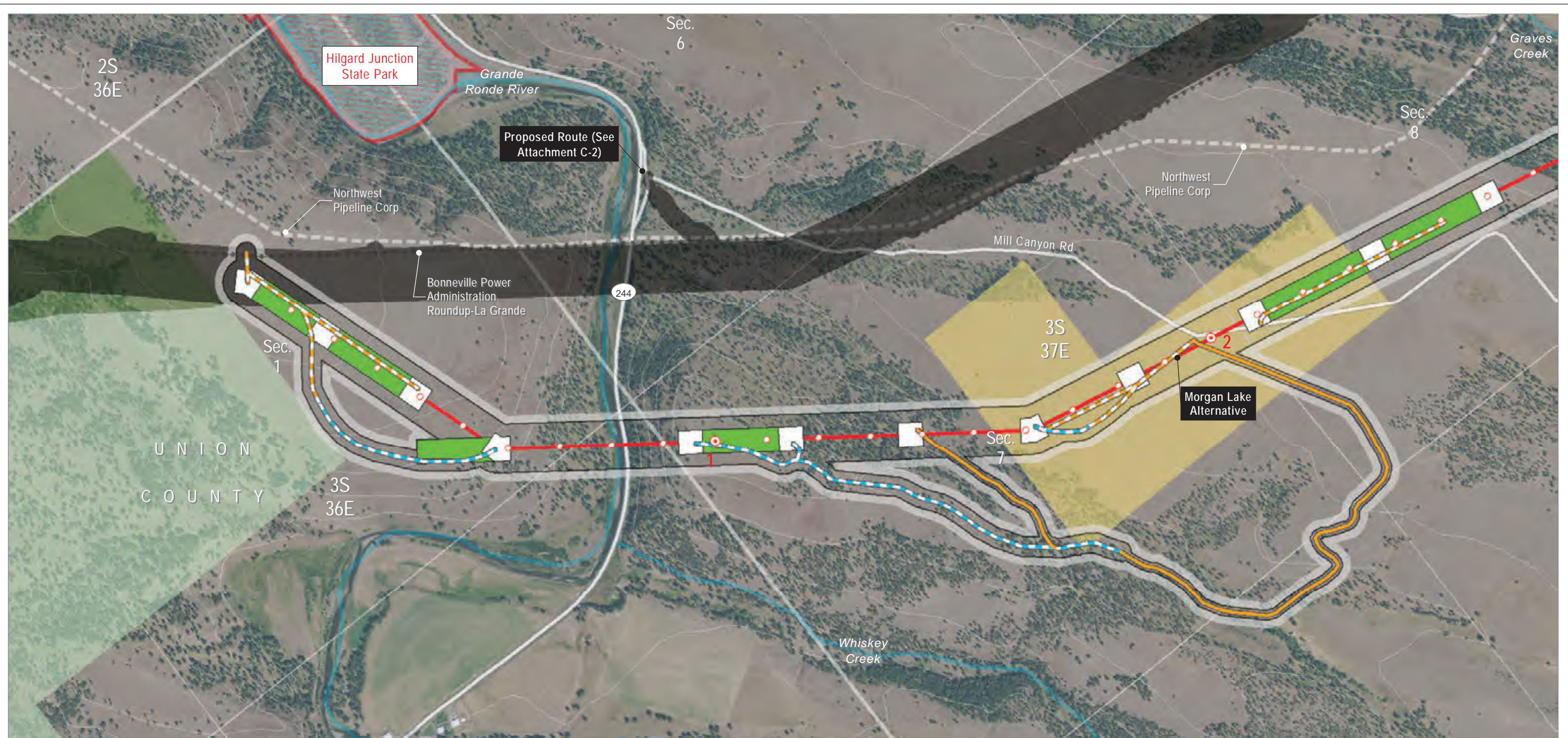
Boardman to Hemingway Transmission Line Project
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Attachment C-3 Alternative Location Maps

Morgan Lake Alternative
Union County

[Map Index](#)



Map Area

Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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 Constraints and Other Features

- 100-foot Contours
- Existing Transmission Lines
- Pipeline
- Other Road

Stream

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

Land Status

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

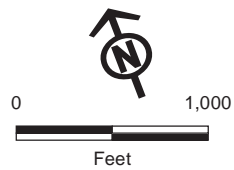
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



**Attachment C-3
Alternative Location Maps**

Morgan Lake Alternative
Union County

Map 5



Map Area

Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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
- Existing Road, Substantial Modification, 71-100% Improvements
- New Road, Bladed
- New Road, Primitive

Important Siting Constraints and Other Features

- 100-foot Contours

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

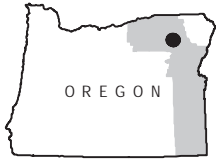
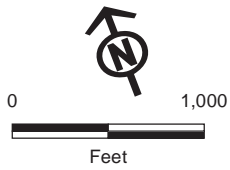
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



**Attachment C-3
Alternative Location Maps**

Morgan Lake Alternative
Union County

Map 6



Map Area

Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, Earthstar Geographics, 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

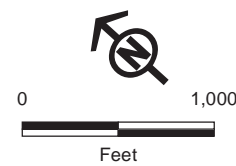
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-3
Alternative Location Maps

Morgan Lake Alternative
Union County

Map 7



Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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**
 - Communication Station
 - Pulling and Tensioning
 - Structure Work Area
- Access**
 - New Road, Bladed

- New Road, Primitive
- Distribution Line to Communication Station (IPC Service Territory Only)
- Important Siting Constraints and Other Features**
 - 100-foot Contours
 - Pipeline
 - Other Road
 - Stream
- Land Status**
 - Private

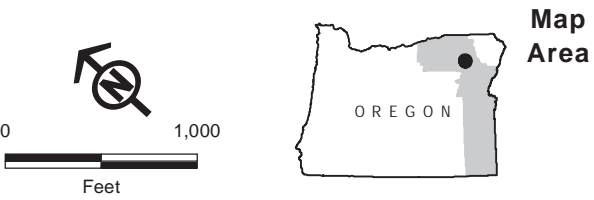
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-3 Alternative Location Maps

Morgan Lake Alternative
Union County

Map 8



Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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, 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
Other Road
Stream
Glass Hill Rebarrow Forest
Protected Area (EFSC) | Land Status
Private
State or Local Parks and Recreation or Wildlife |
|--|--|--|

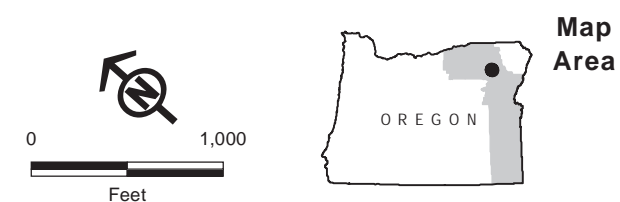
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-3 Alternative Location Maps

Morgan Lake Alternative
Union County

Map 9



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

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- | | | |
|--|--|---|
| Project Features | Existing Road, Substantial Modification, 71-100% Improvements | Land Status |
| Site Boundary | New Road, Bladed | Forest Service |
| Transmission Centerline | New Road, Primitive | Private |
| Mileposts | Important Siting Constraints and Other Features | State or Local Parks and Recreation or Wildlife |
| Mile | 100-foot Contours | |
| Tenth-mile | Other Road | |
| Work Areas | Stream | |
| Pulling and Tensioning | Glass Hill Rebarrow Forest | |
| Structure Work Area | Protected Area (EFSC) | |
| Access | | |
| Existing Road, Substantial Modification, 21-70% Improvements | | |

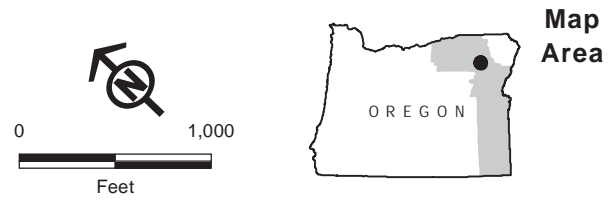
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-3 Alternative Location Maps

Morgan Lake Alternative
Union County

Map 10



Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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 Constraints and Other Features

- 100-foot Contours
- Existing Transmission Lines
- Interstate
- Other Road

Stream

- Stream
- Land Status**
 - Forest Service
 - Private

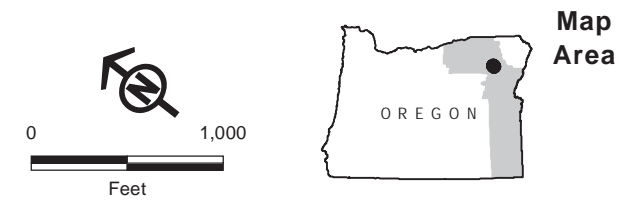
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-3 Alternative Location Maps

Morgan Lake Alternative
Union County

Map 11



Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, 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
 - New Road, Bladed

Important Siting Constraints and Other Features

- New Road, Primitive
- 100-foot Contours
- Existing Transmission Lines
- Other Road
- Land Status
 - Private

Boardman to Hemingway Transmission Line Project
Application for Site Certificate

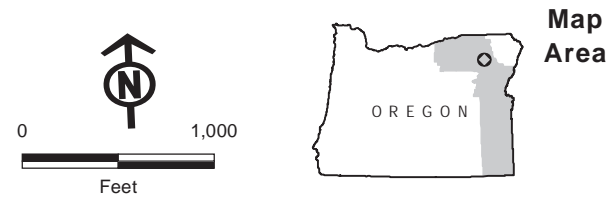


**Attachment C-3
Alternative Location Maps**

Morgan Lake Alternative
Union County

Map 12

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

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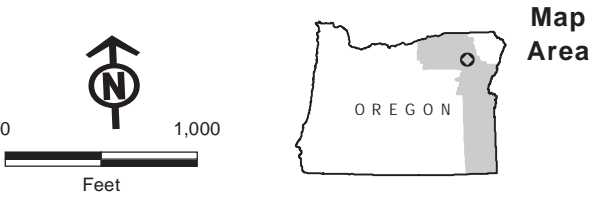
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



**Attachment C-3
Alternative Location Maps**

Morgan Lake Alternative
Union County

Map 13



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)

- 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

Boardman to Hemingway Transmission Line Project
Application for Site Certificate



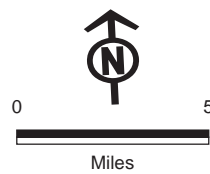
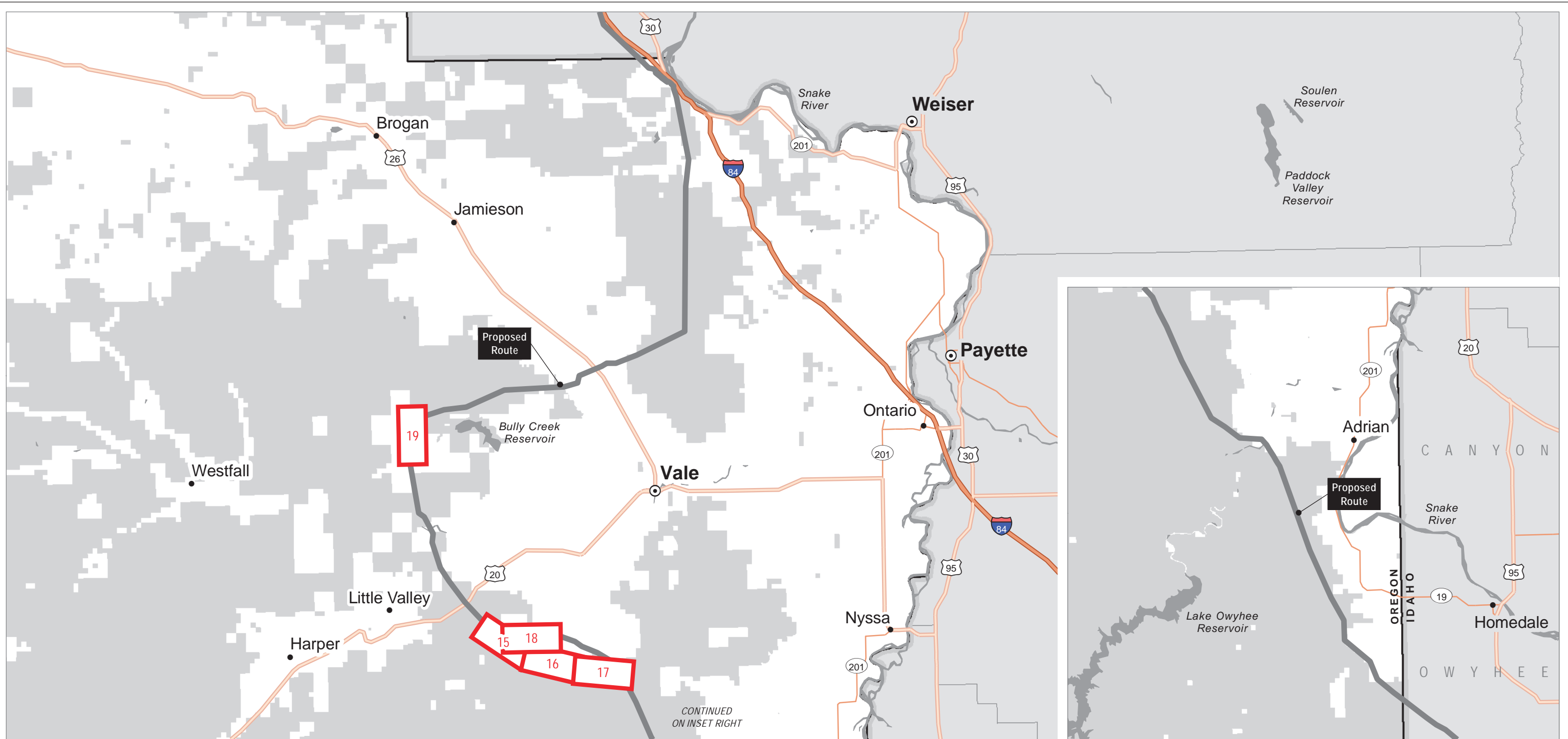
**Attachment C-3
Alternative Location Maps**

Morgan Lake Alternative
Union County

Map 14

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

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Source(s): BLM, IPC, Esri

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Map Index

Location Map (Map #)

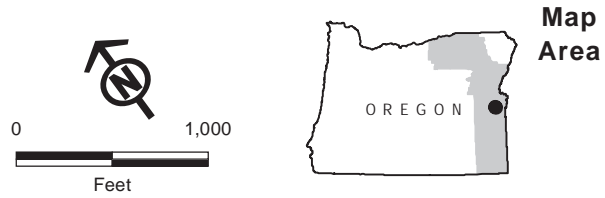
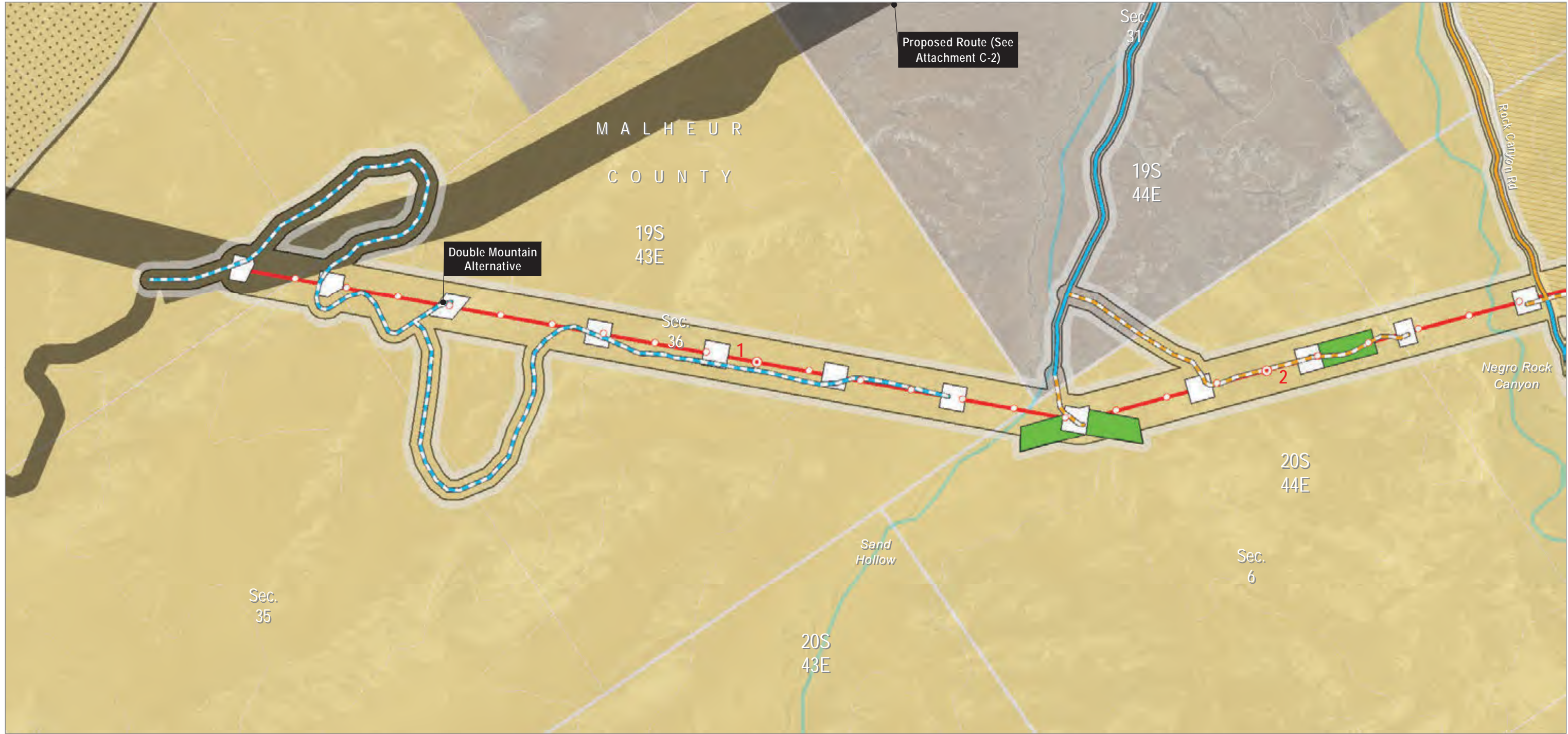
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-3
Alternative Location Maps

Double Mountain Alternative
Malheur County

Map Index



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

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- | | | |
|--|---|--|
| <p>Project Features</p> <ul style="list-style-type: none"> Site Boundary (Alternative Route) Site Boundary (Proposed Route) Transmission Centerline Mileposts <ul style="list-style-type: none"> Mile Tenth-mile Work Areas <ul style="list-style-type: none"> Pulling and Tensioning Structure Work Area | <p>Access</p> <ul style="list-style-type: none"> Existing Road, Substantial Modification, 21-70% Improvements Existing Road, Substantial Modification, 71-100% Improvements New Road, Bladed New Road, Primitive <p>Important Siting Constraints and Other Features</p> <ul style="list-style-type: none"> 100-foot Contours Other Road | <p>Stream</p> <ul style="list-style-type: none"> Stream VRM 3 Wilderness Characteristic Unit Meeting Wilderness Criteria <p>Land Status</p> <ul style="list-style-type: none"> Bureau of Land Management Private |
|--|---|--|

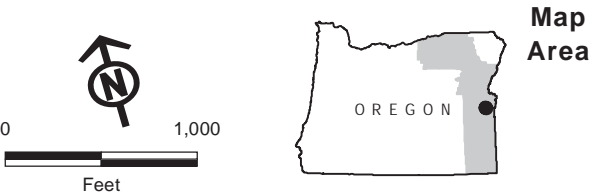
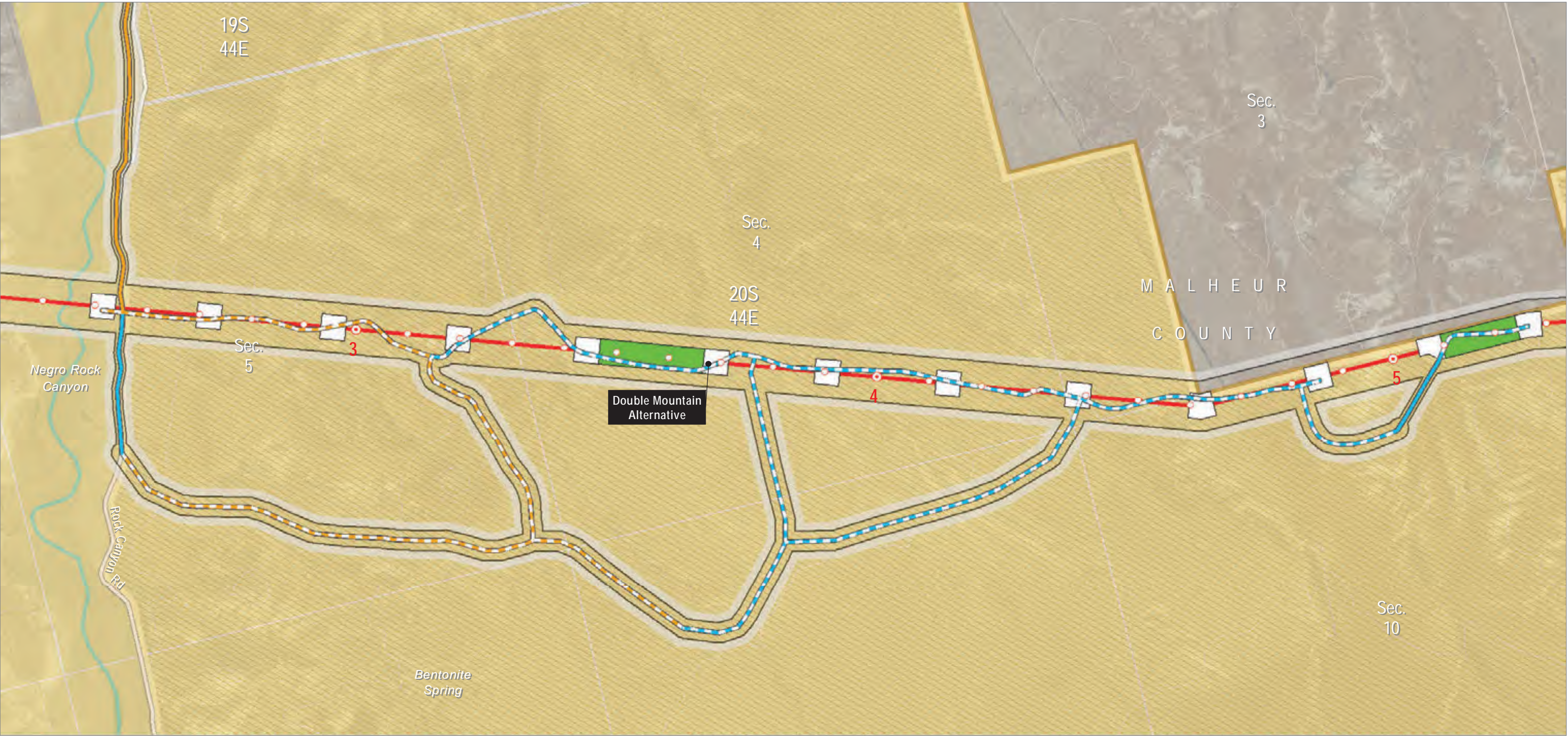
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-3 Alternative Location Maps

Double Mountain Alternative
Malheur County

Map 15



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

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- Project Features**
- Site Boundary (Alternative 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 Constraints and Other Features**
- 100-foot Contours
 - Other Road
- Stream**
- Wilderness Characteristic Unit Meeting Wilderness Criteria
- Land Status**
- Bureau of Land Management
 - Private

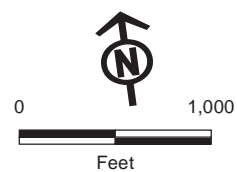
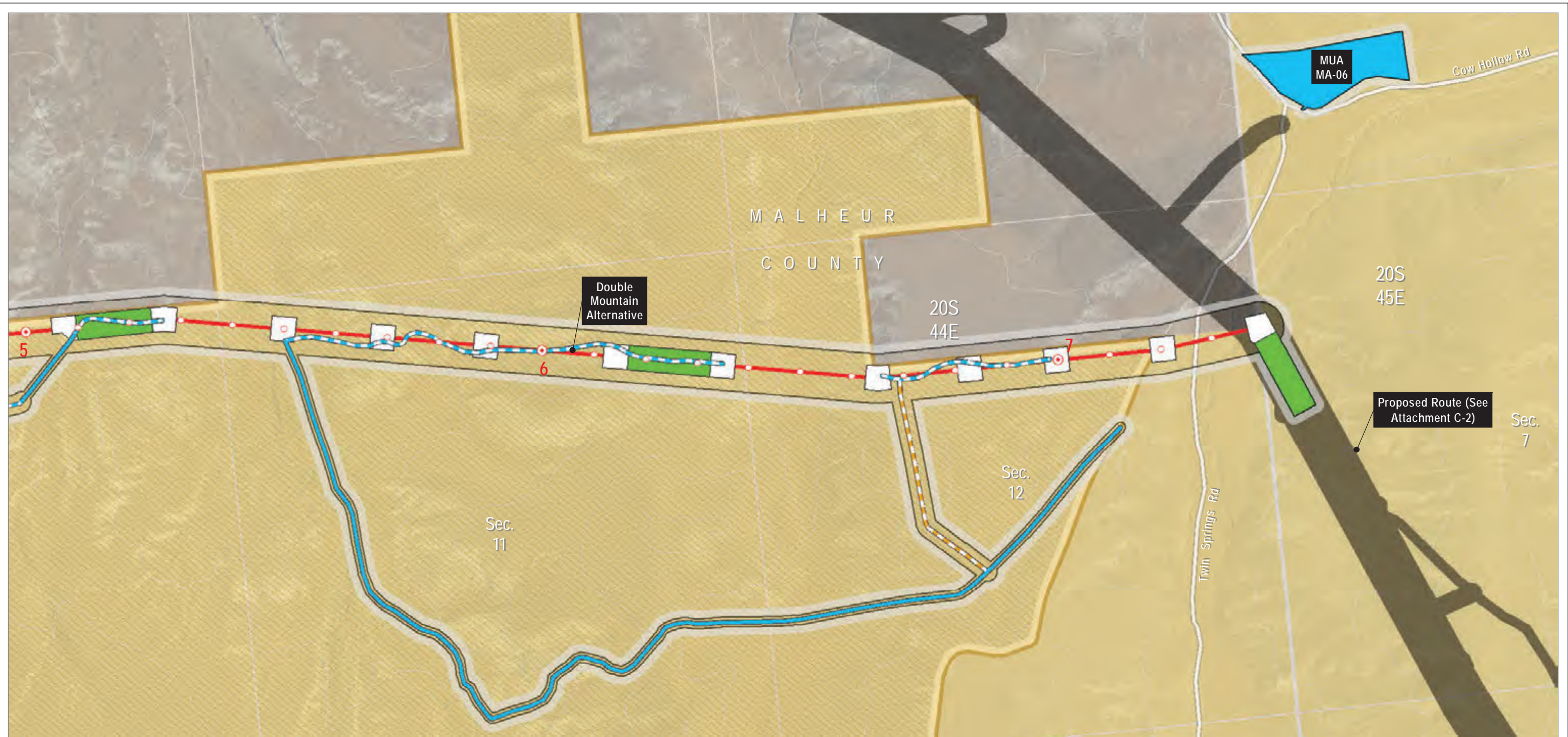
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



**Attachment C-3
Alternative Location Maps**

Double Mountain Alternative
Malheur County

Map 16



Project Features

- Site Boundary (Alternative Route)
- Site Boundary (Proposed Route)
- 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 Constraints and Other Features**
 - 100-foot Contours
 - Other Road

- Wilderness Characteristic Unit Meeting Wilderness Criteria

Land Status

- Bureau of Land Management
- Private

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

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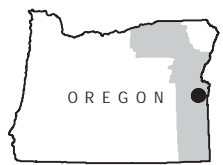
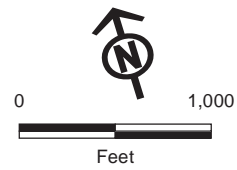
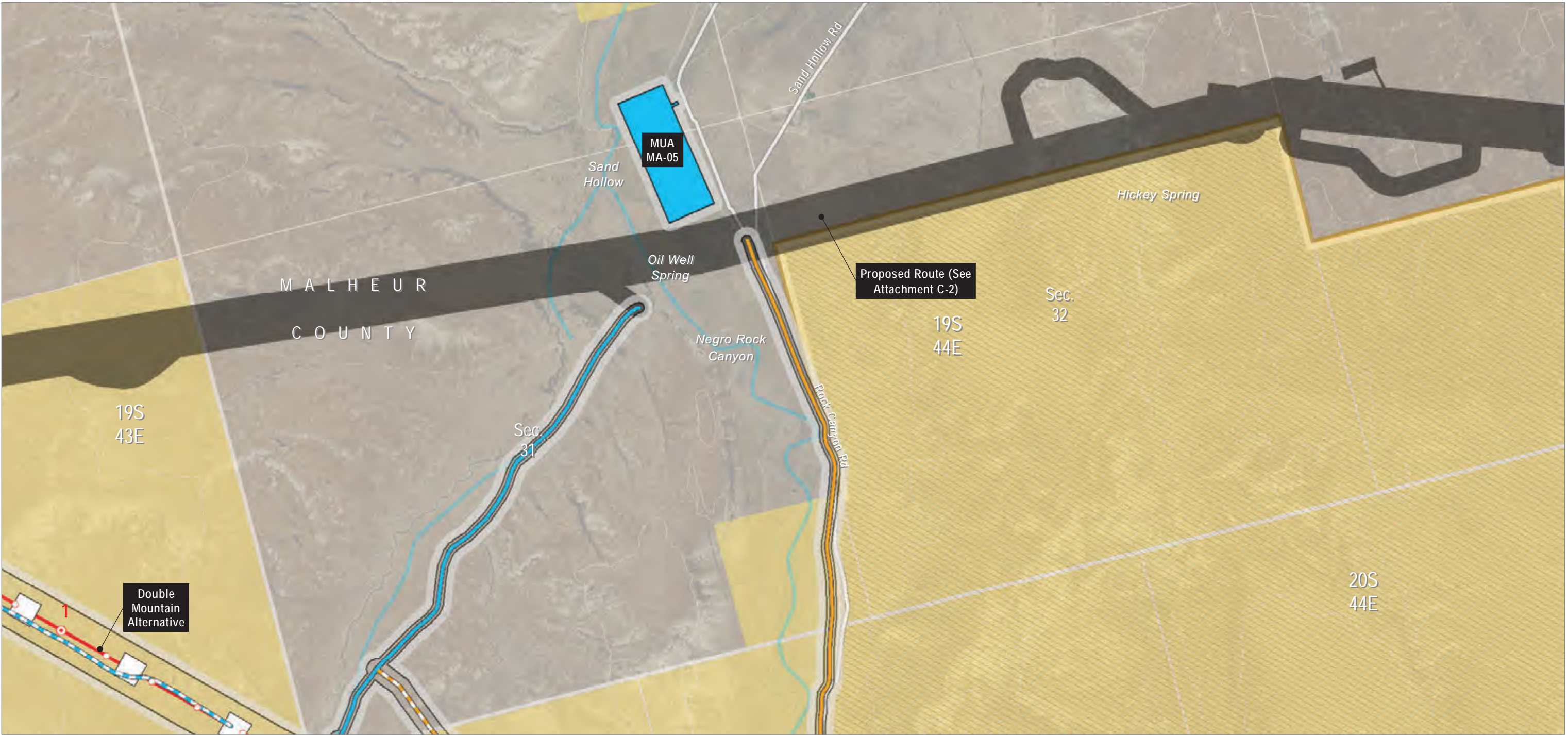
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-3 Alternative Location Maps

Double Mountain Alternative
Malheur County

Map 17



Map Area

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

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Project Features

- Site Boundary (Alternative Route)
- Site Boundary (Proposed Route)
- 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, Bladed
- New Road, Primitive

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

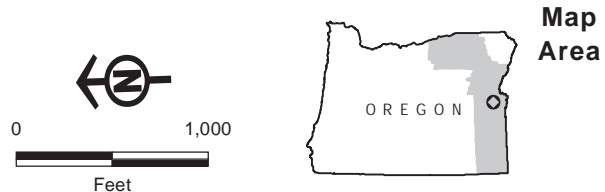
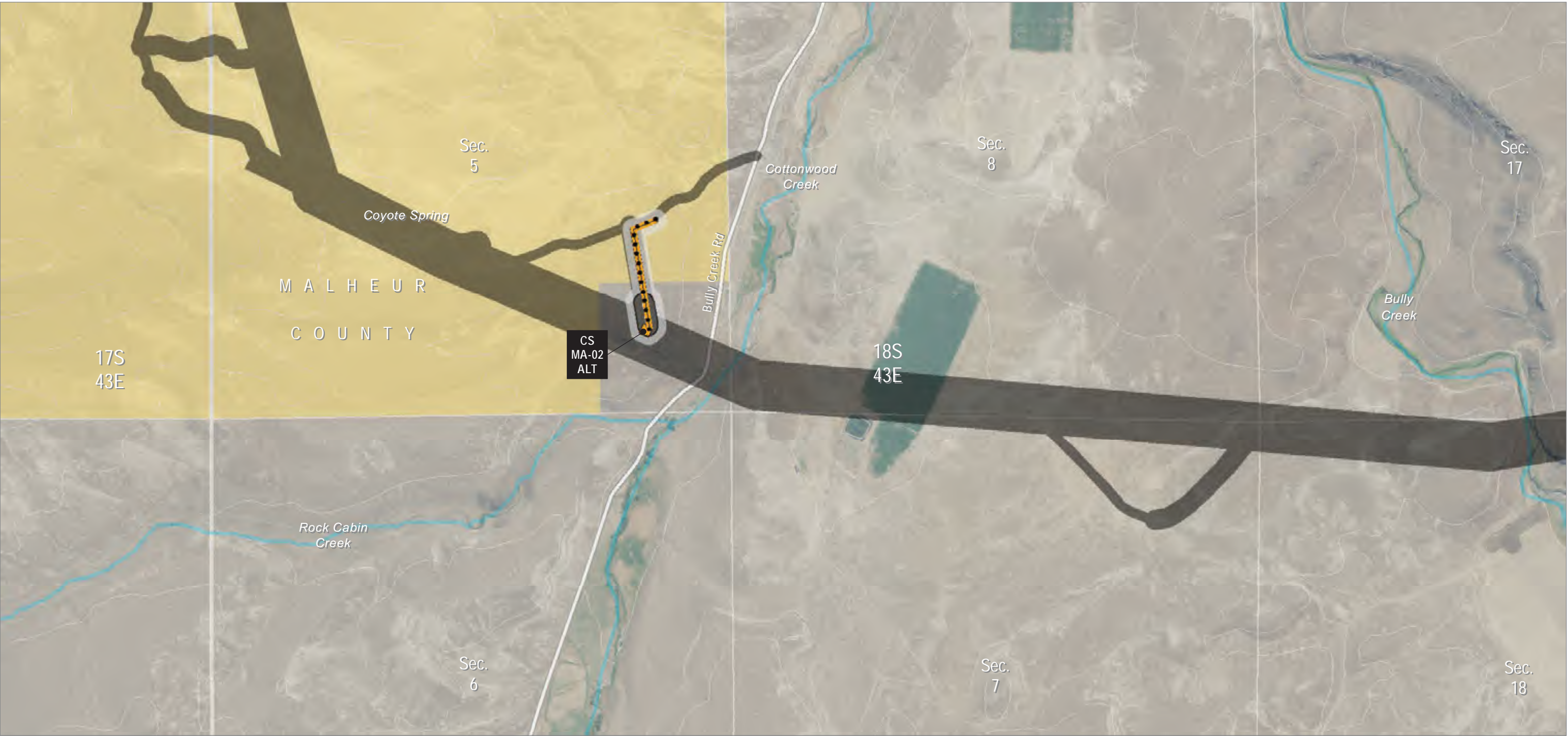
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



**Attachment C-3
Alternative Location Maps**

Double Mountain Alternative
Malheur County

Map 18



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

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- Project Features**
- Site Boundary (Alternative Route)
 - Site Boundary (Proposed Route)
 - Work Areas
 - Communication Station
 - Access
 - New Road, Bladed
 - Distribution Line to Communication Station (IPC Service Territory Only)
- Important Siting Constraints and Other Features**
- 100-foot Contours
 - Other Road
 - Stream
- Land Status**
- Bureau of Land Management
 - Private

Boardman to Hemingway Transmission Line Project
Application for Site Certificate



**Attachment C-3
Alternative Location Maps**

Double Mountain Alternative
Malheur County

Map 19

Boardman to Hemingway
Transmission Project
Request for Amendment 1

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
- Stream
- Public Roads

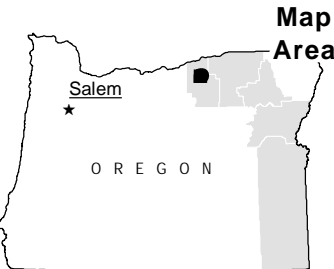
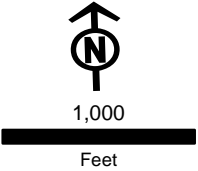
- Land Status
- Private

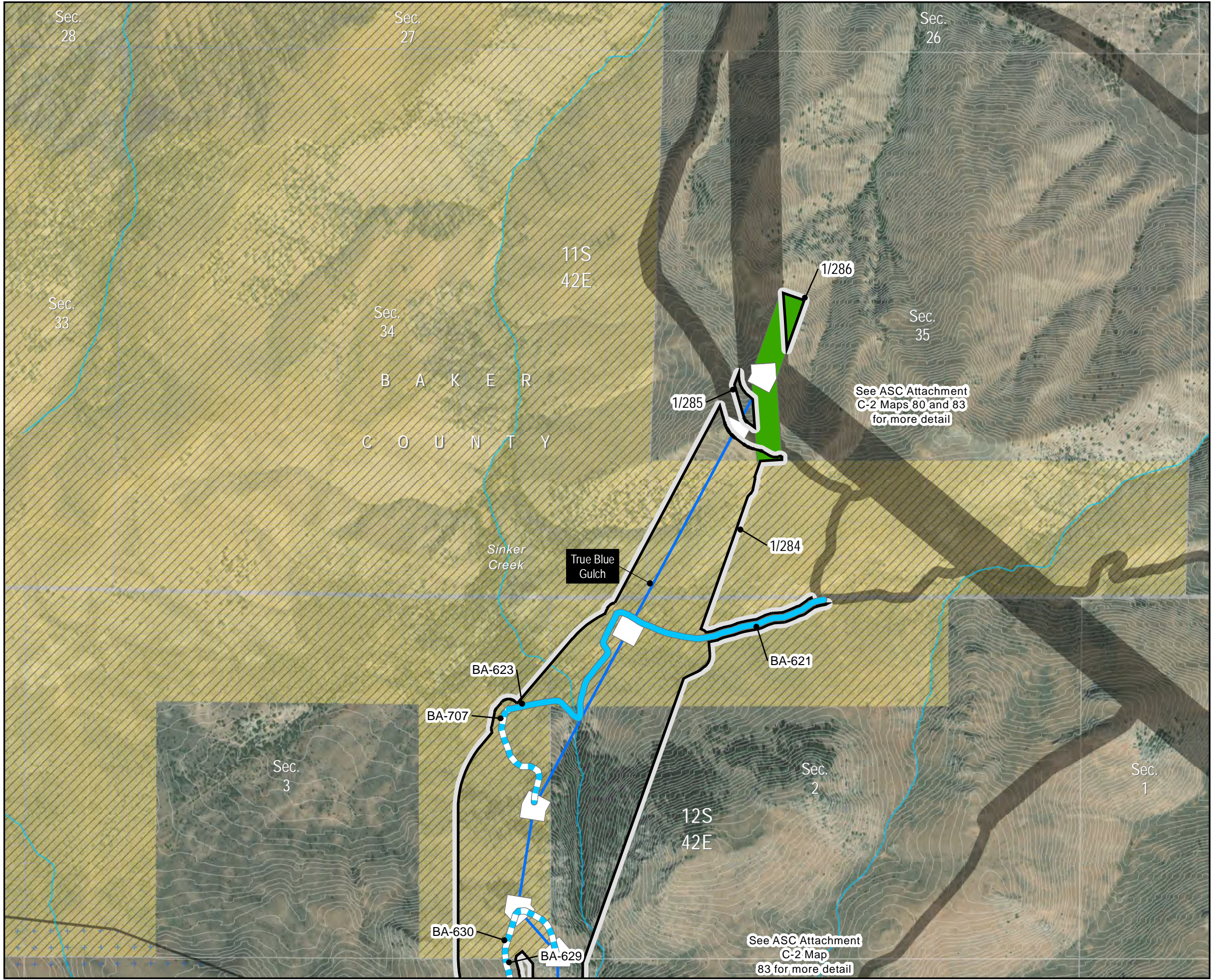
Notes:
Not intended for construction or any uses other than intended purpose.

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





Boardman to Hemingway
Transmission Project
Request for Amendment 1

Figure 4-1
RFA1 Site Boundary Changes

True Blue Gulch
Baker County

Map 2

New RFA1 Site Boundary

Site Boundary Approved in Site Certificate

Transmission Centerline (Revised Alignment)

Existing Road, Substantial Modification, 71-100% Improvements

New Road, Bladed

Pulling and Tensioning

Structure Work Area

20-ft Contours

Stream

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

1,000 Feet

Map Area

IDAHO POWER

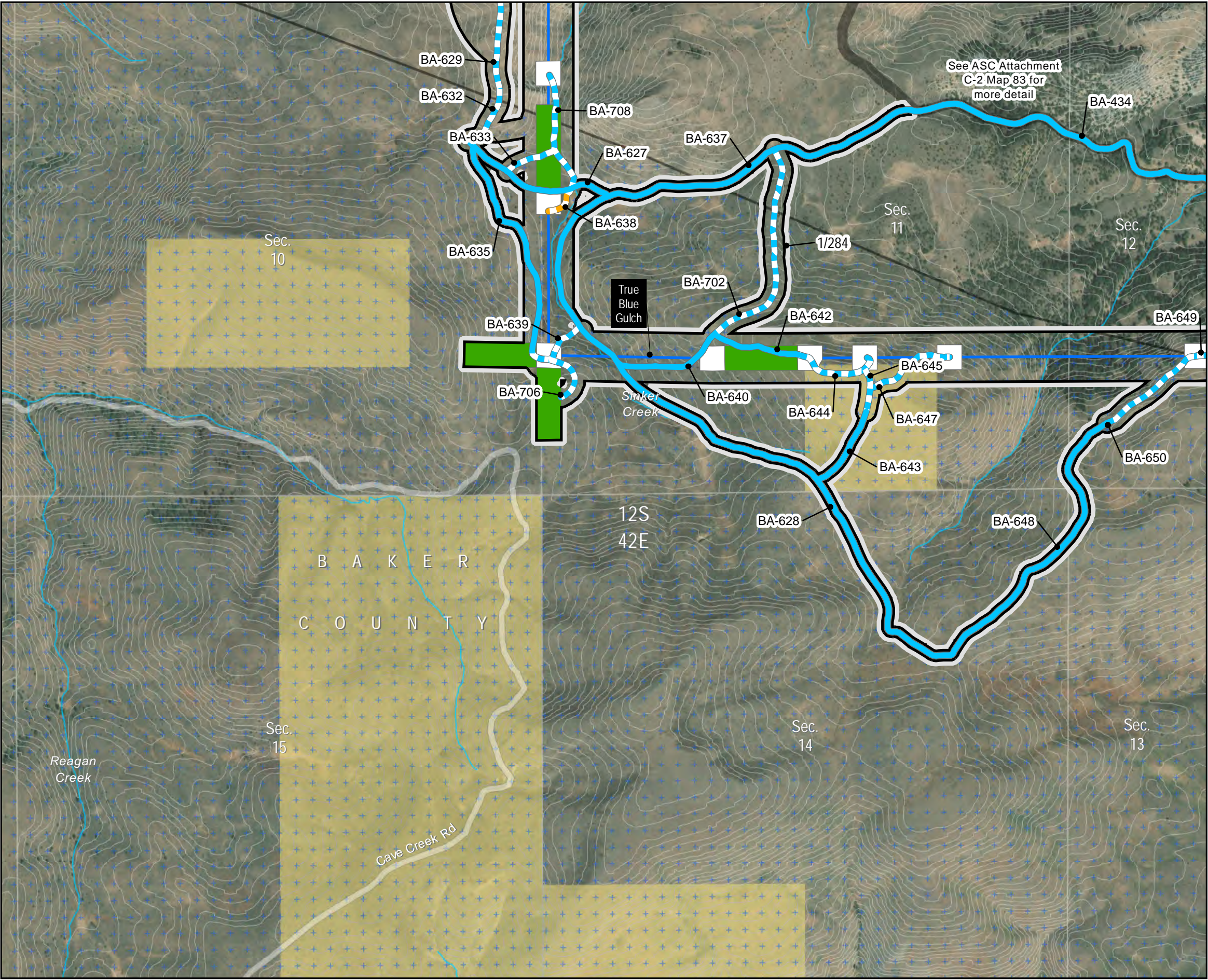
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Figure 4-1
RFA1 Site Boundary Changes

True Blue Gulch
Baker County

Map 3



Project Features

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

Land Status

- Bureau of Land Management
- Private

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

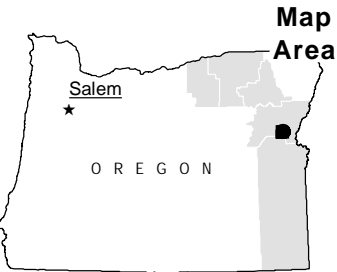
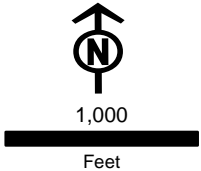
- 20-ft Contours
- Stream
- Public Roads
- Elk Winter Range

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

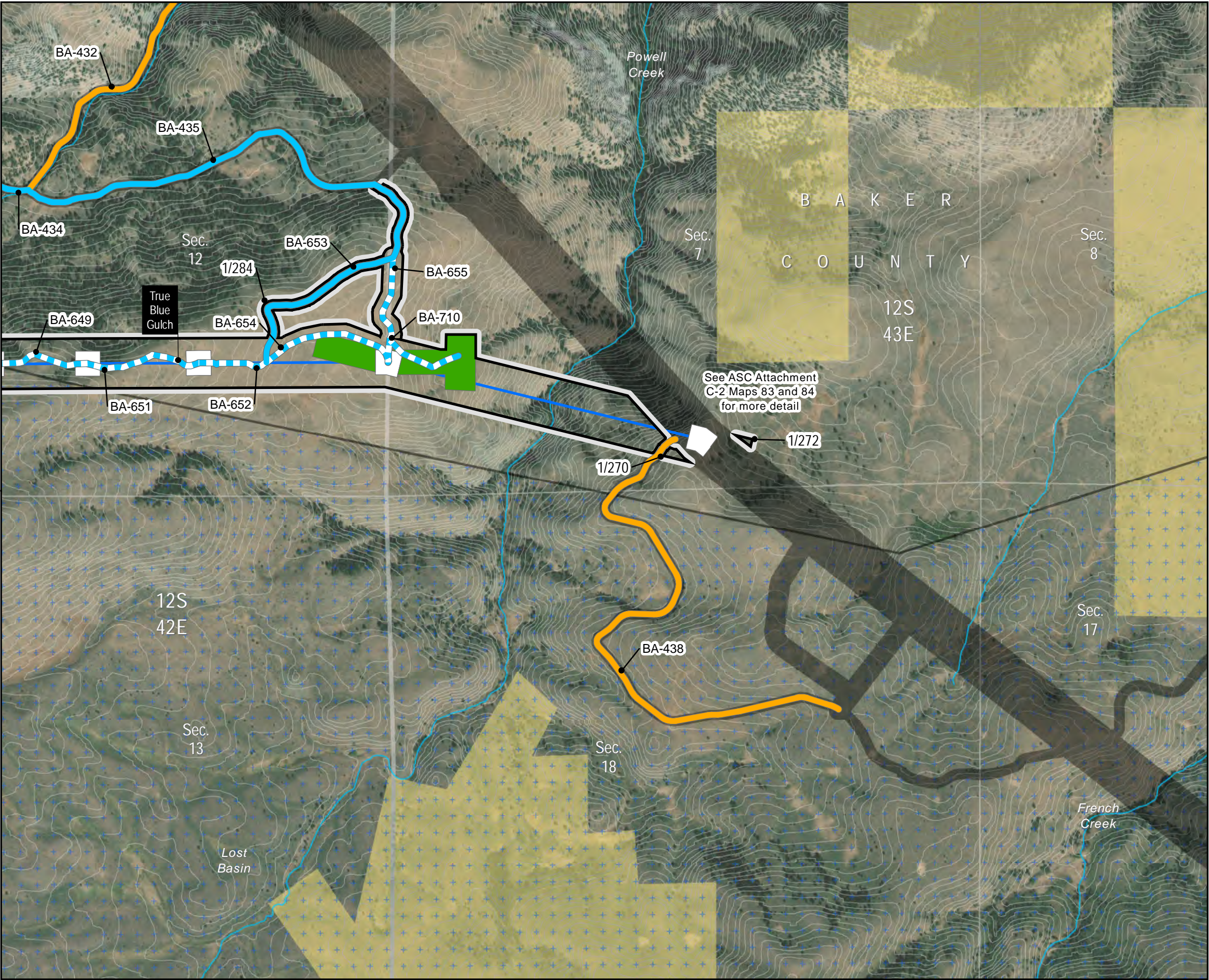


Boardman to Hemingway
Transmission Project
Request for Amendment 1

Figure 4-1
RFA1 Site Boundary Changes

True Blue Gulch
Baker County

Map 4



Project Features

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

Land Status

- Bureau of Land Management
- Private

Access

- Existing Road, Substantial Modification, 21-70% 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 Source(s):
BLM, Esri, NPS, ODOT, USGS, Velocity

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

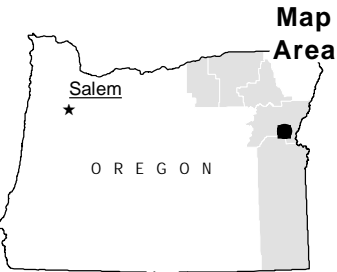
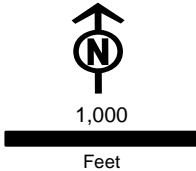
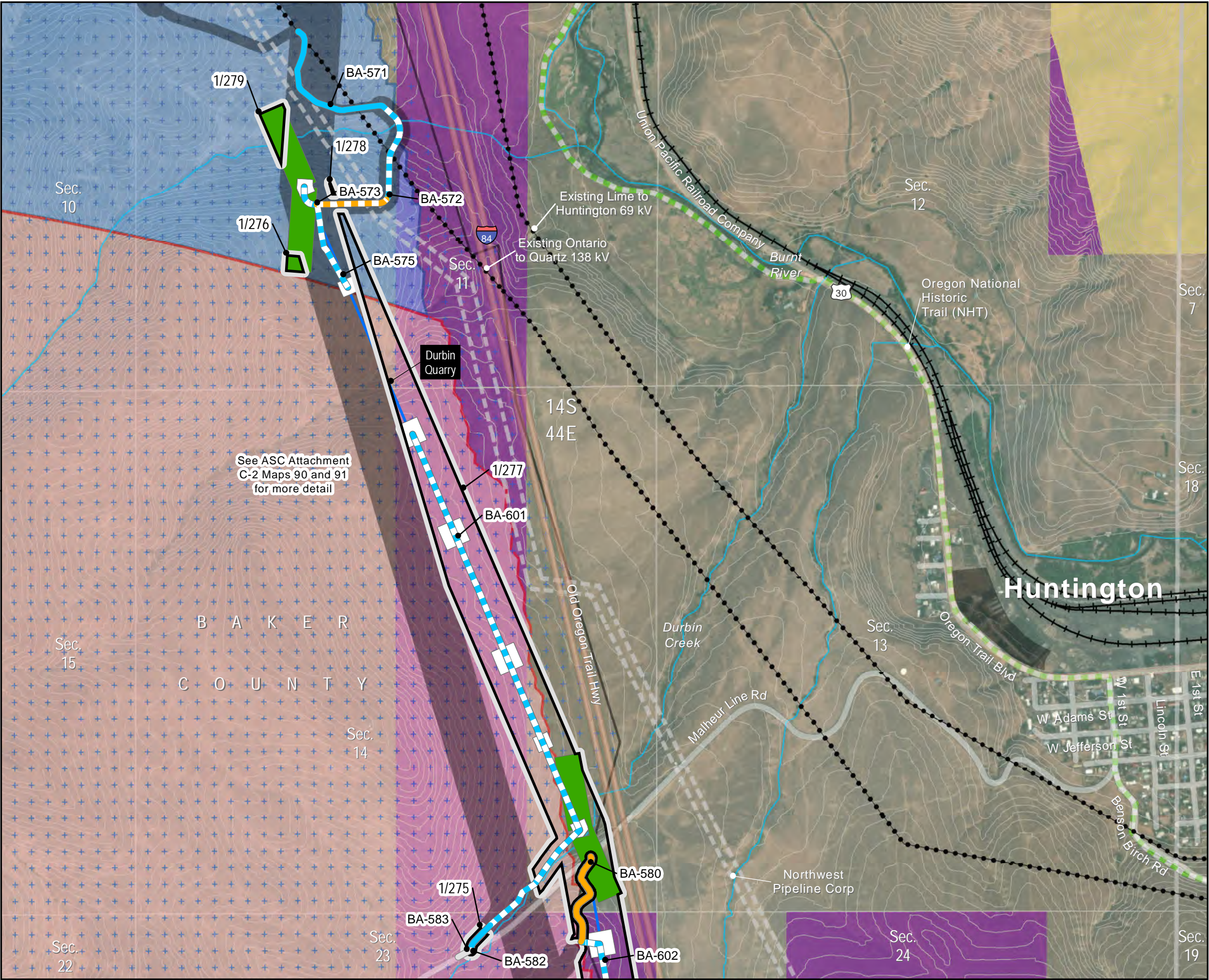


Figure 4-1
RFA1 Site Boundary Changes

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
- Pulling and Tensioning
- Structure Work Area

Work Areas

- Pulling and Tensioning
- Structure Work Area

Important Siting Constraints and Other Features

- 20-ft Contours
- Existing Transmission Line

- Pipeline
- Stream
- Oregon National Historic Trail (NHT)
- Interstate
- Highways
- 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

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

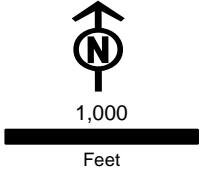
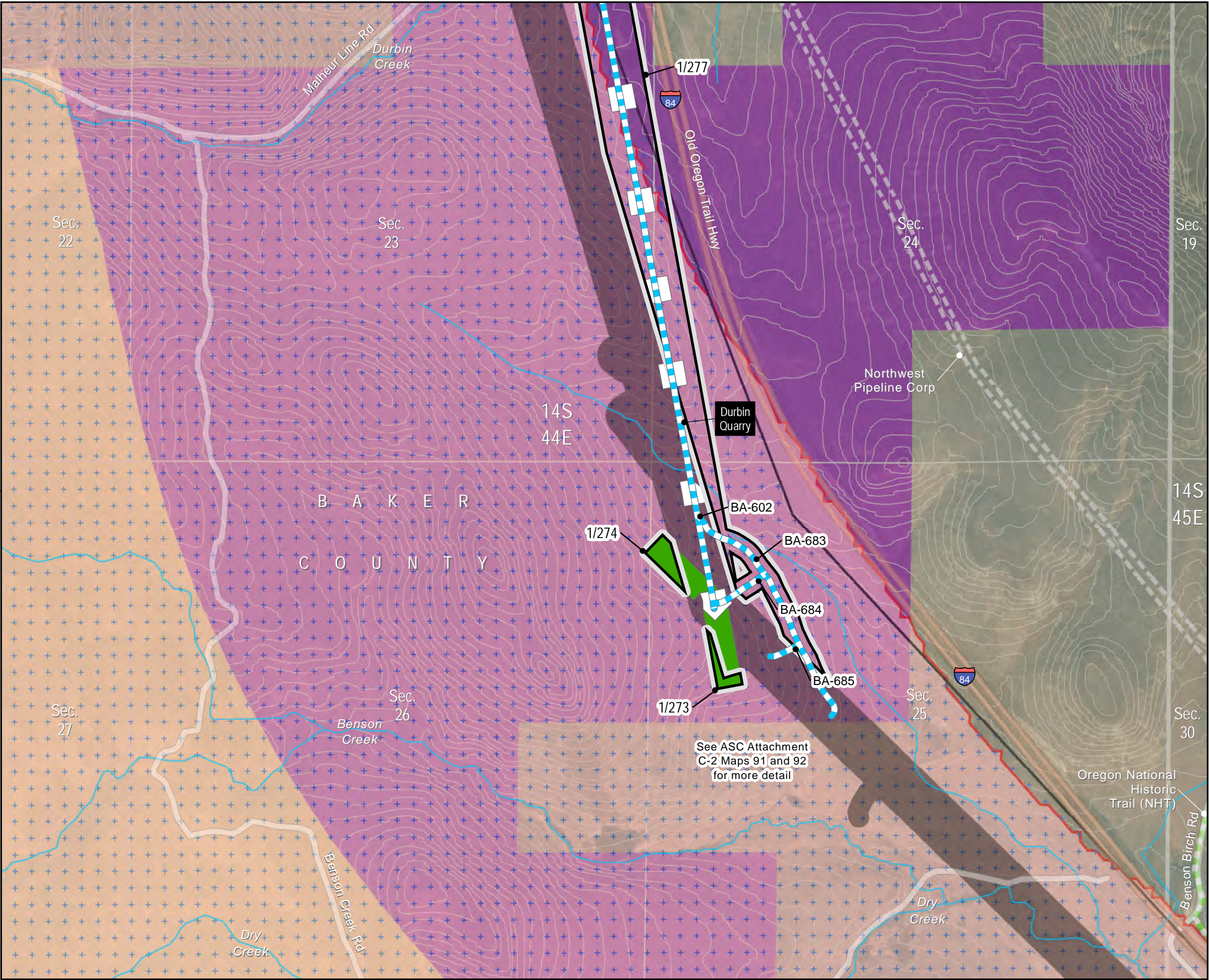


Figure 4-1
RFA1 Site Boundary Changes

Durbin Quarry
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
- Pipeline
- Stream
- Oregon National Historic Trail (NHT)
- Interstate
- Public Roads
- Elk Winter Range

Sage-grouse Core Areas and Habitat (ODFW)

- Core Area

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

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

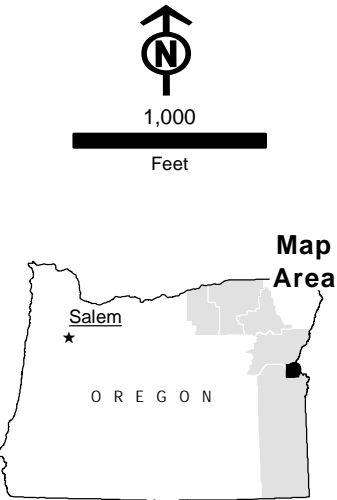
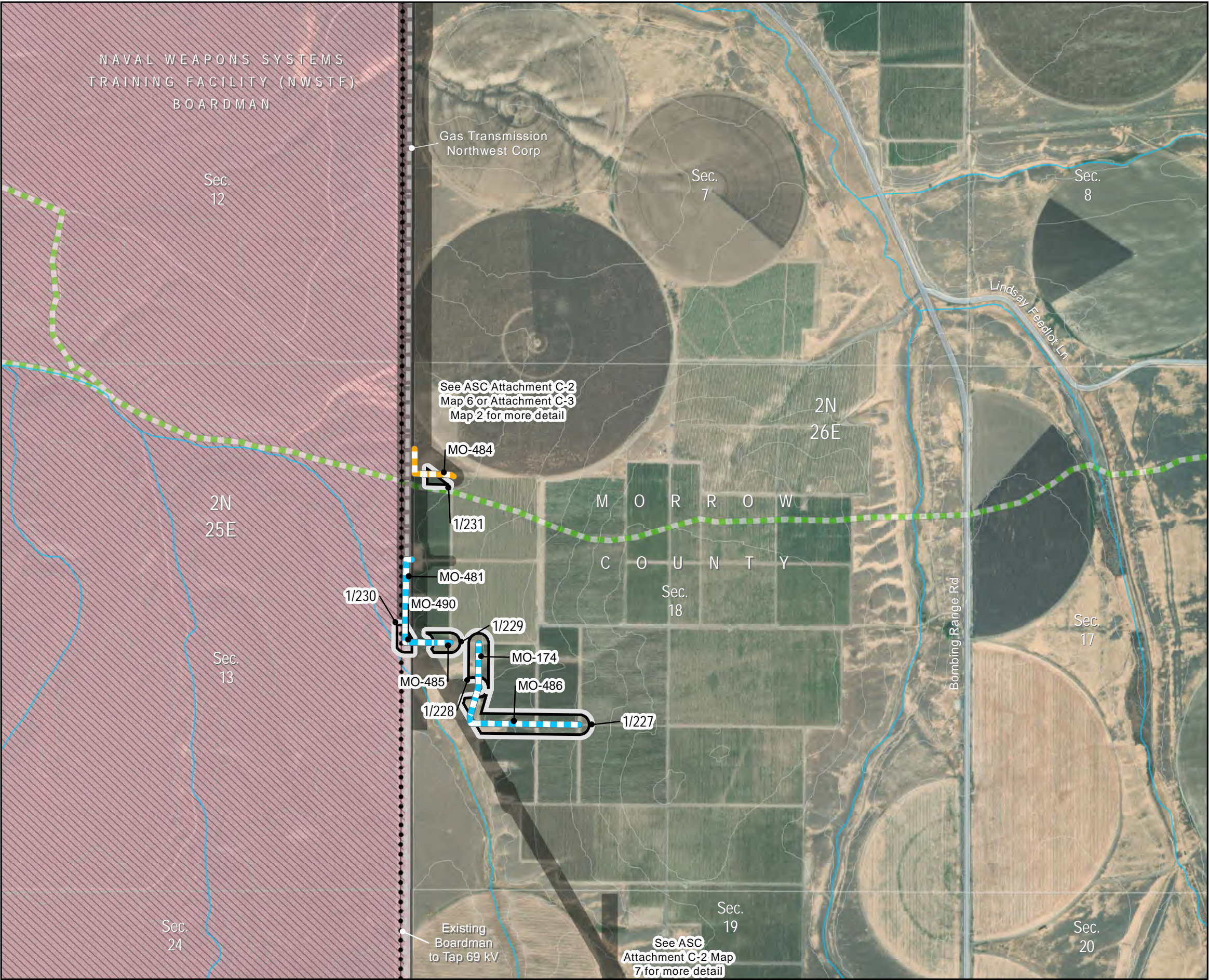


Figure 4-2
RFA1 Site Boundary Changes

Access Roads
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

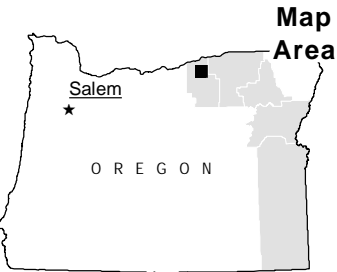
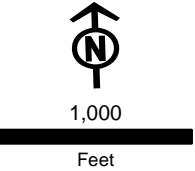
- Military Reservation or Corps of Engineers
- Private

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

Project features current as of March 9, 2023.

Data 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
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 Source(s):
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Imagery:
Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

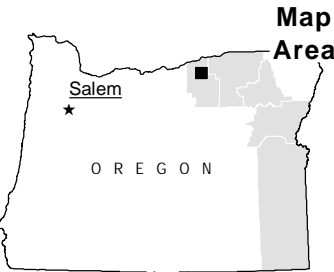
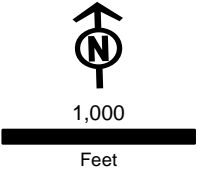
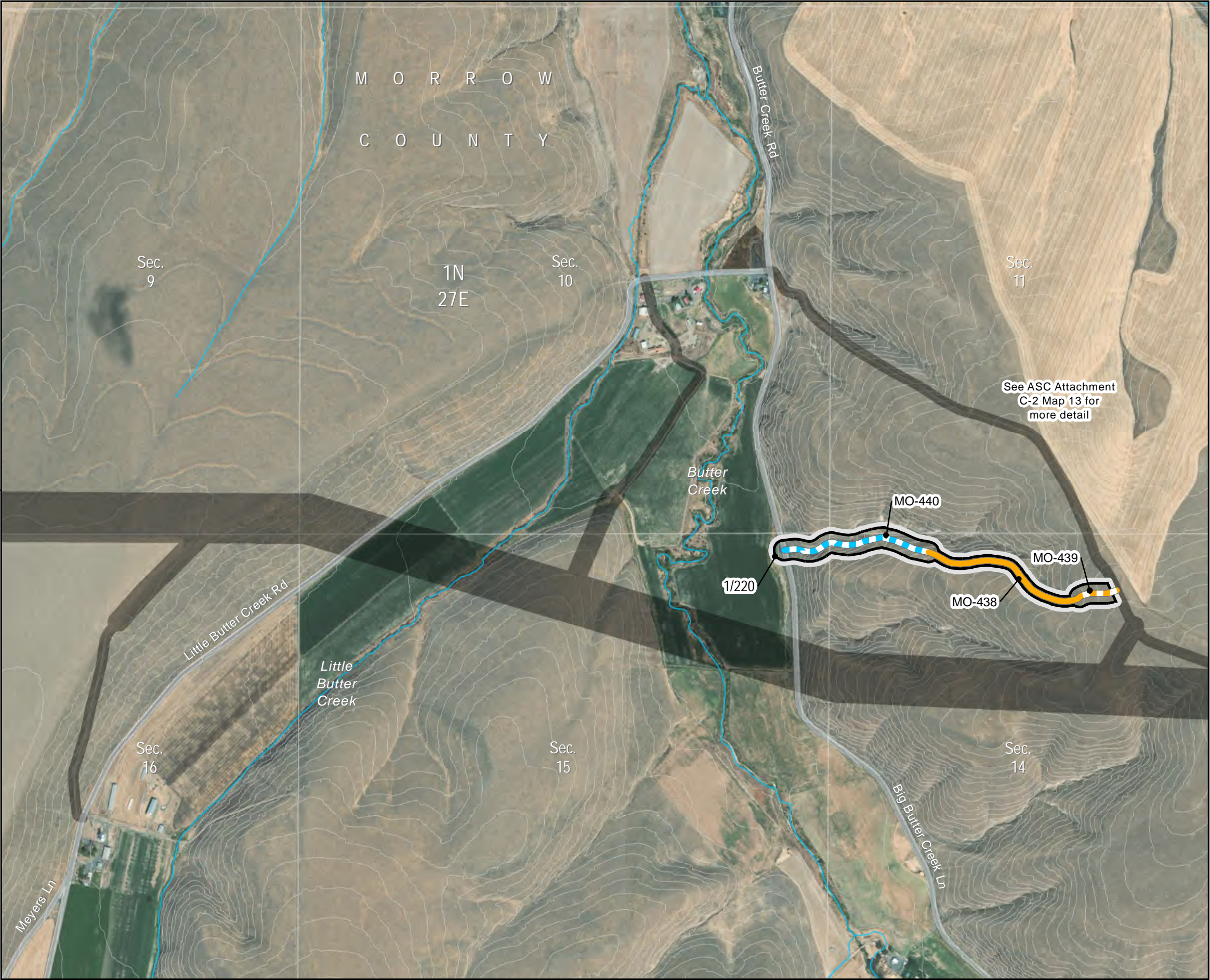


Figure 4-2
RFA1 Site Boundary Changes

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

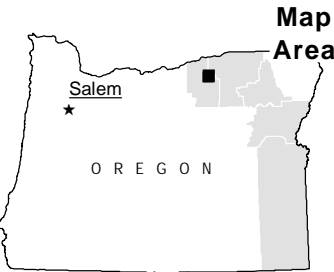
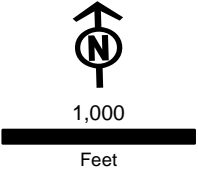
- Private

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

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
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
- 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

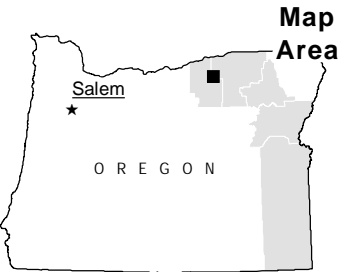
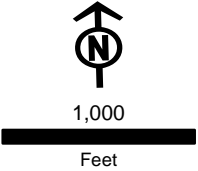


Figure 4-2
RFA1 Site Boundary Changes

Access Roads
Umatilla County

Map 5



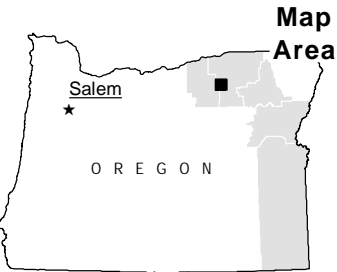
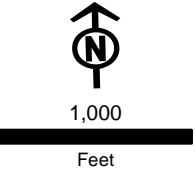
- Project Features**
- New RFA1 Site Boundary
 - Site Boundary Approved in Site Certificate
- Access**
- Existing Road, Substantial Modification, 21-70% Improvements
- Important Siting Constraints and Other Features**
- 20-ft Contours
 - Stream
 - Public Roads
- Land Status**
- Private

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

Project features current as of March 9, 2023.

Data 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
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

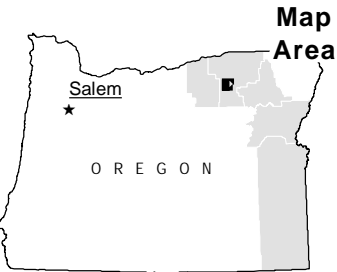
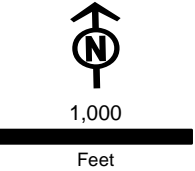


Figure 4-2
RFA1 Site Boundary Changes

Access Roads
Umatilla County

Map 7



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

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

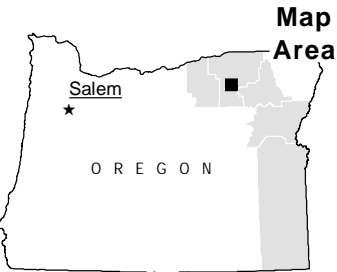
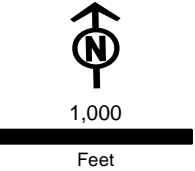


Figure 4-2
RFA1 Site Boundary Changes

Access Roads
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

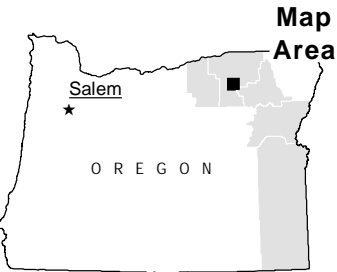
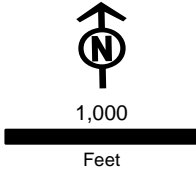
- Private

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

Project features current as of March 9, 2023.

Data 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
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 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

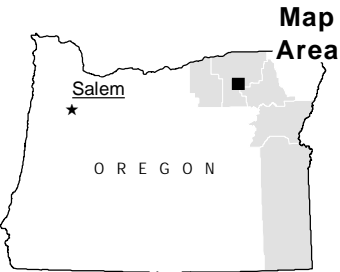
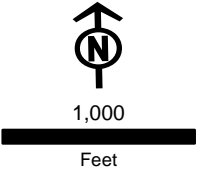


Figure 4-2
RFA1 Site Boundary Changes

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

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

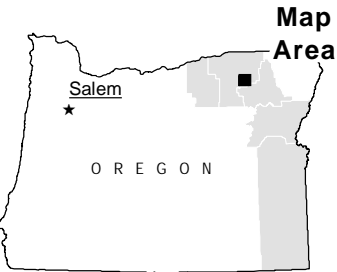
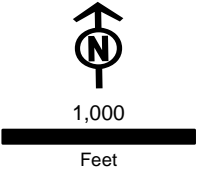
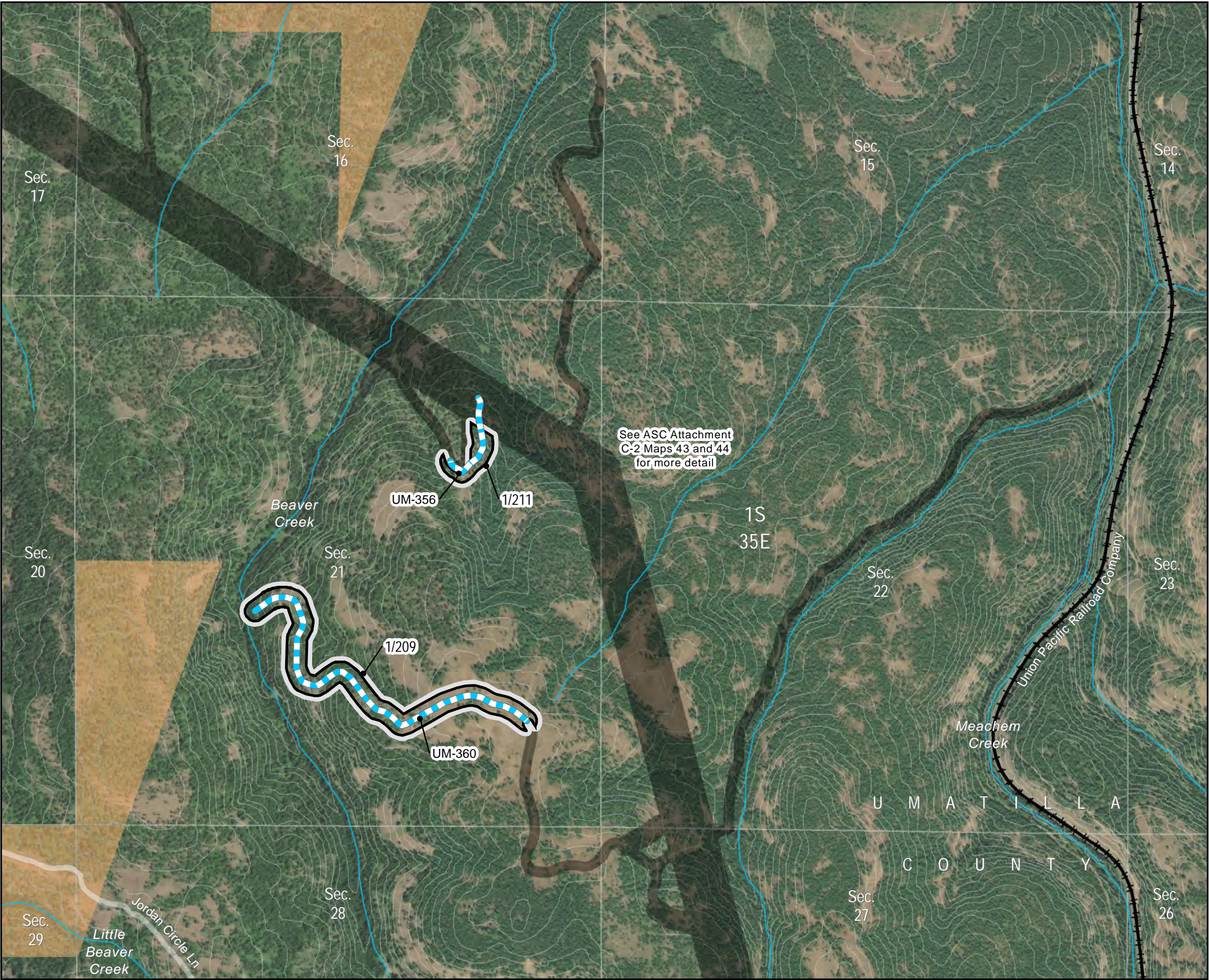


Figure 4-2
RFA1 Site Boundary Changes

Access Roads
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

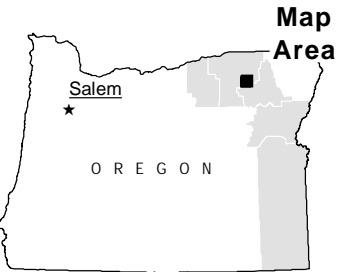
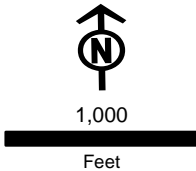
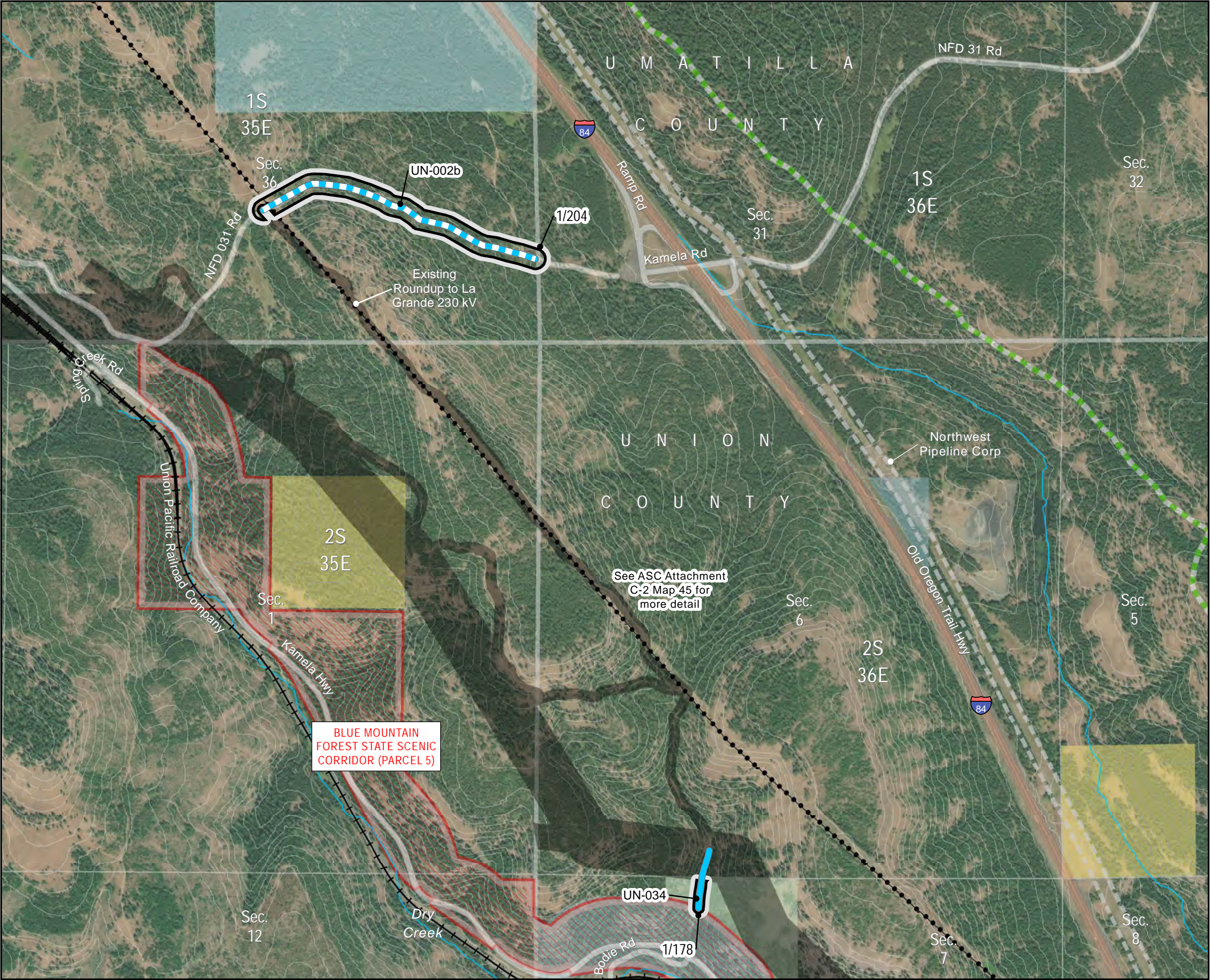


Figure 4-2
RFA1 Site Boundary Changes

Access Roads
Union County

Map 12



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
- Existing Transmission Line
- Pipeline
- Stream
- Oregon National Historic Trail (NHT)
- Interstate
- Public Roads
- Railroad
- Protected Area (EFSC)

Land Status

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

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

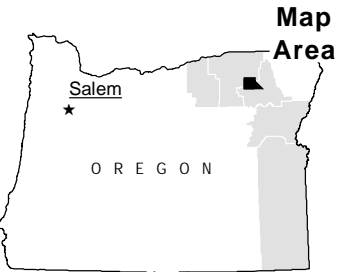
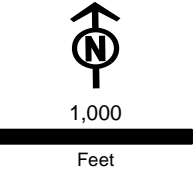
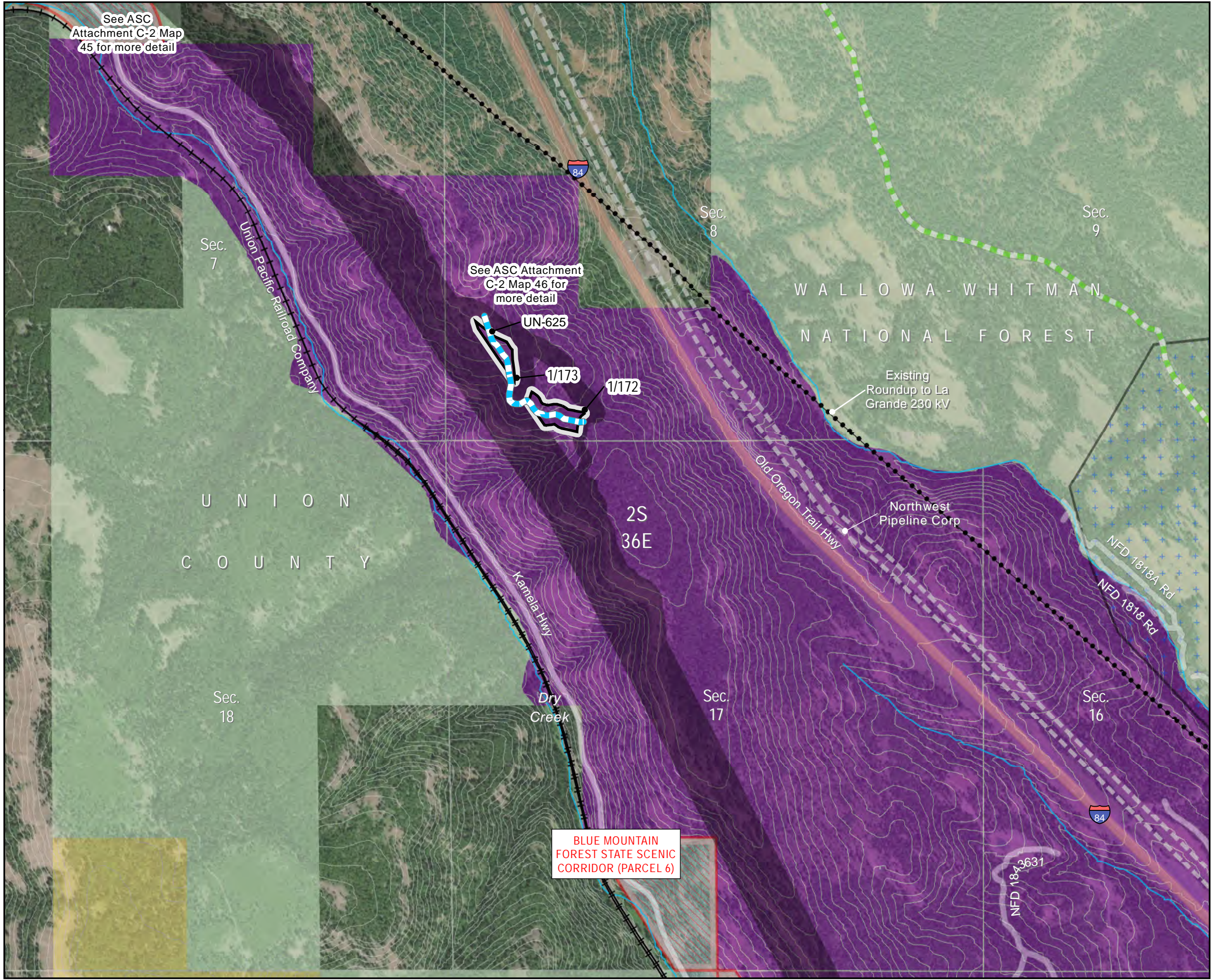


Figure 4-2
RFA1 Site Boundary Changes

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

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

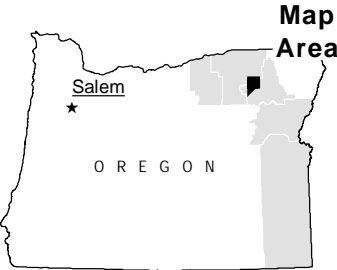
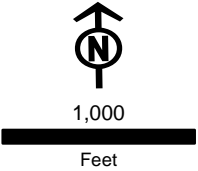
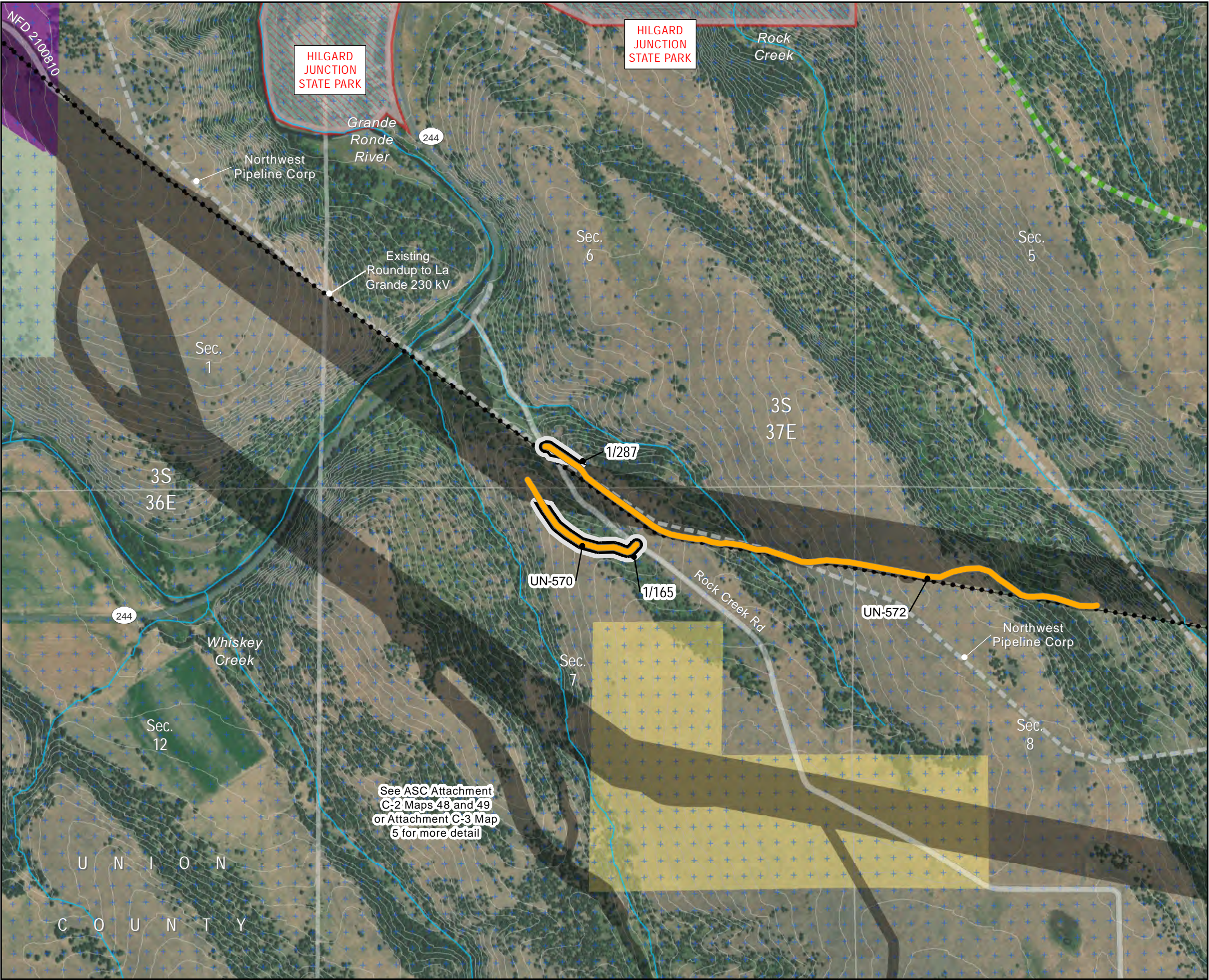


Figure 4-2
RFA1 Site Boundary Changes

Access Roads
Union County

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

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

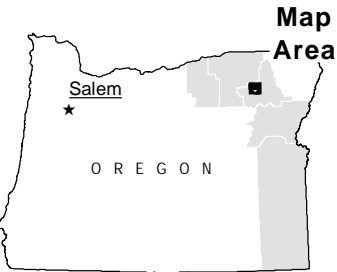
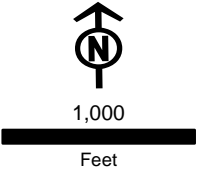
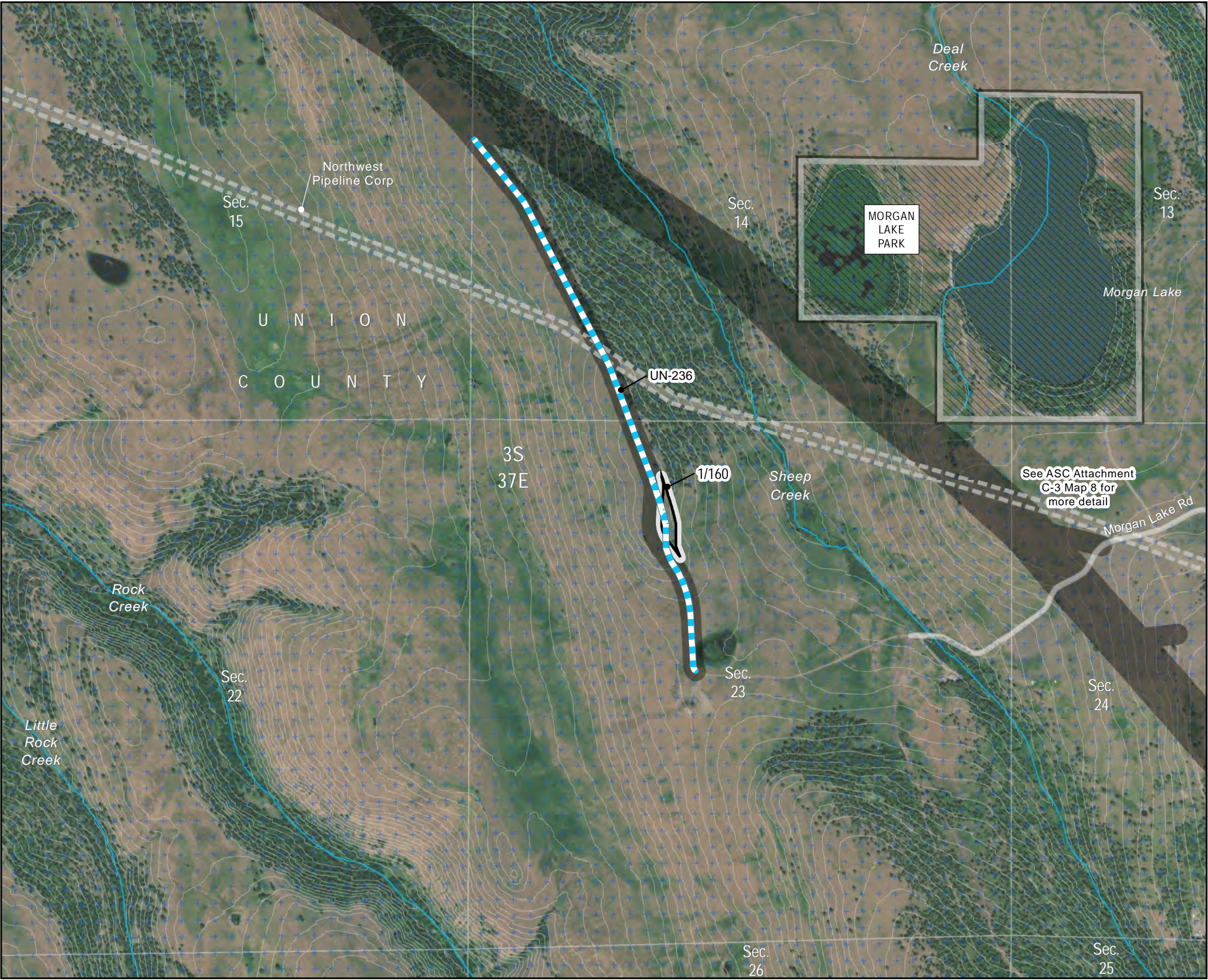


Figure 4-2
RFA1 Site Boundary Changes

Access Roads
Union County

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

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

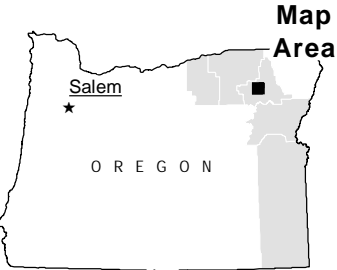
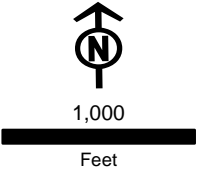
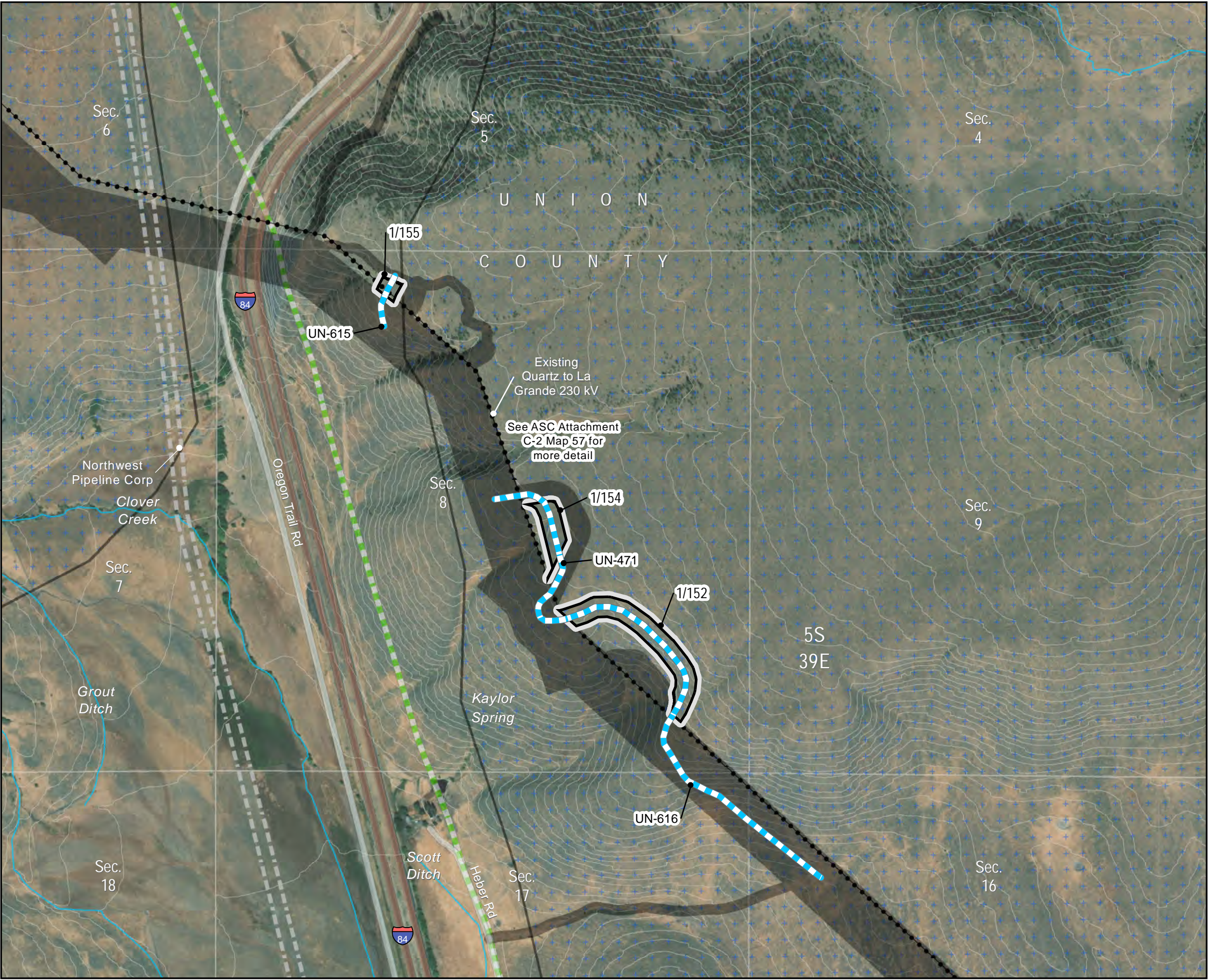


Figure 4-2
RFA1 Site Boundary Changes

Access Roads
Union County

Map 16



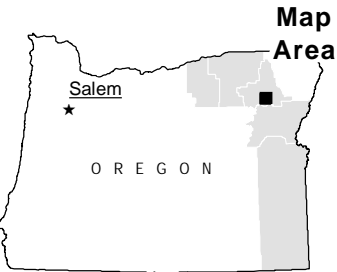
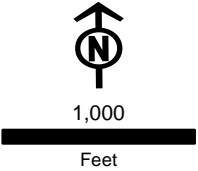
- Project Features**
- New RFA1 Site Boundary
 - Site Boundary Approved in Site Certificate
- Access**
- New Road, Bladed
- Important Siting Constraints and Other Features**
- 20-ft Contours
 - Existing Transmission Line
 - Pipeline
 - Stream
 - Oregon National Historic Trail (NHT)
 - Interstate
 - Public 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 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
Union County

Map 17

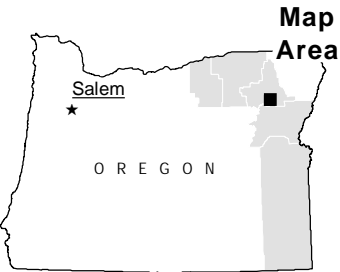
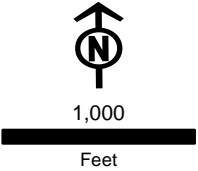
- Project Features
- New RFA1 Site Boundary
 - Site Boundary Approved in Site Certificate
- Access
- New Road, Bladed
- Important Siting Constraints and Other Features
- 20-ft Contours
 - Existing Transmission Line
 - Stream
 - Public Roads
 - Elk Winter Range
- Land Status
- Private

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
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 Contours
 - Existing Transmission Line
 - Stream
 - Interstate
 - 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

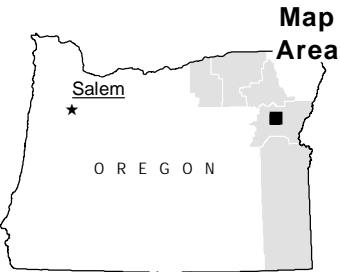
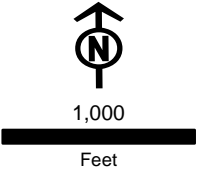
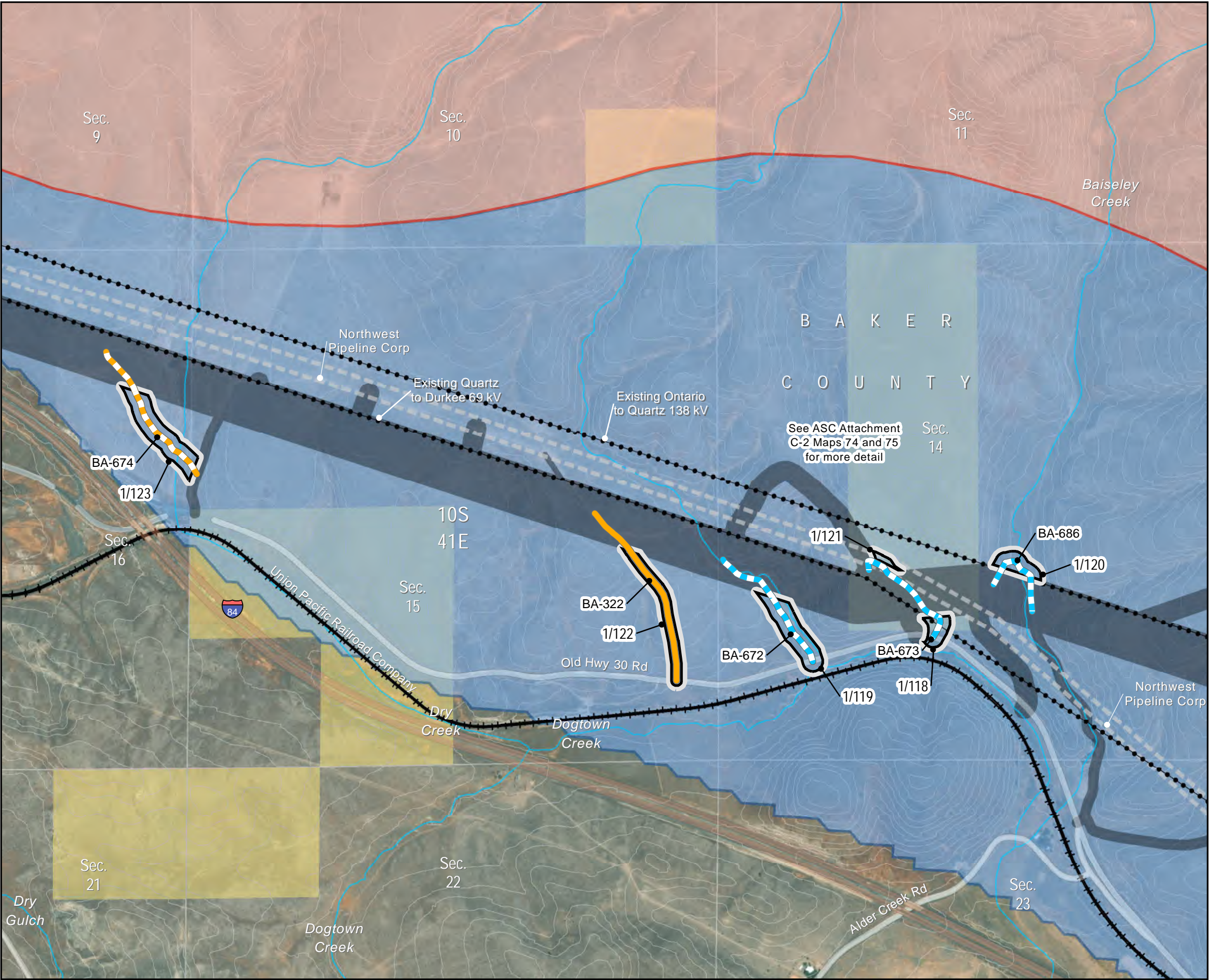


Figure 4-2
RFA1 Site Boundary Changes

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)
- Core Area

Land Status

- Low Density
- 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

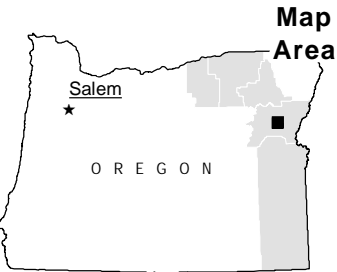
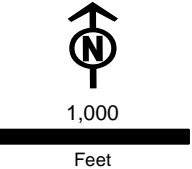
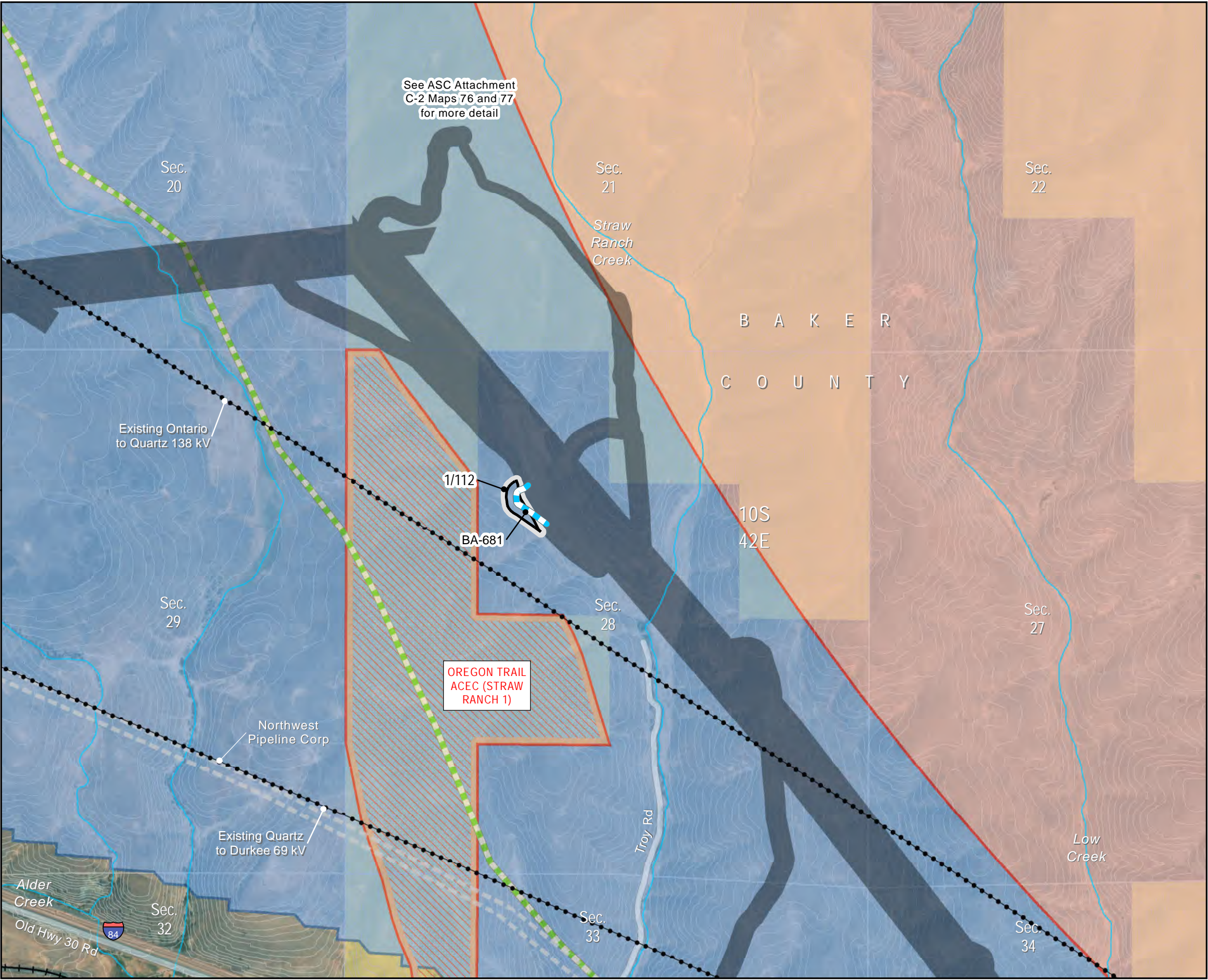


Figure 4-2
RFA1 Site Boundary Changes

Access Roads
Baker County

Map 20



Project Features

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

Land Status

- Bureau of Land Management
- Private

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 Area (EFSC)
- Sage-grouse Core Areas and Habitat (ODFW)
- Core Area
- Low Density

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

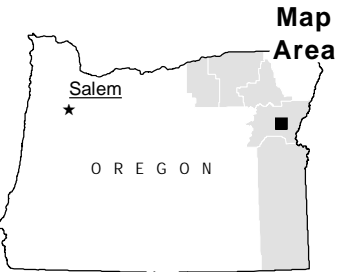
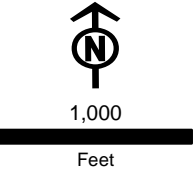
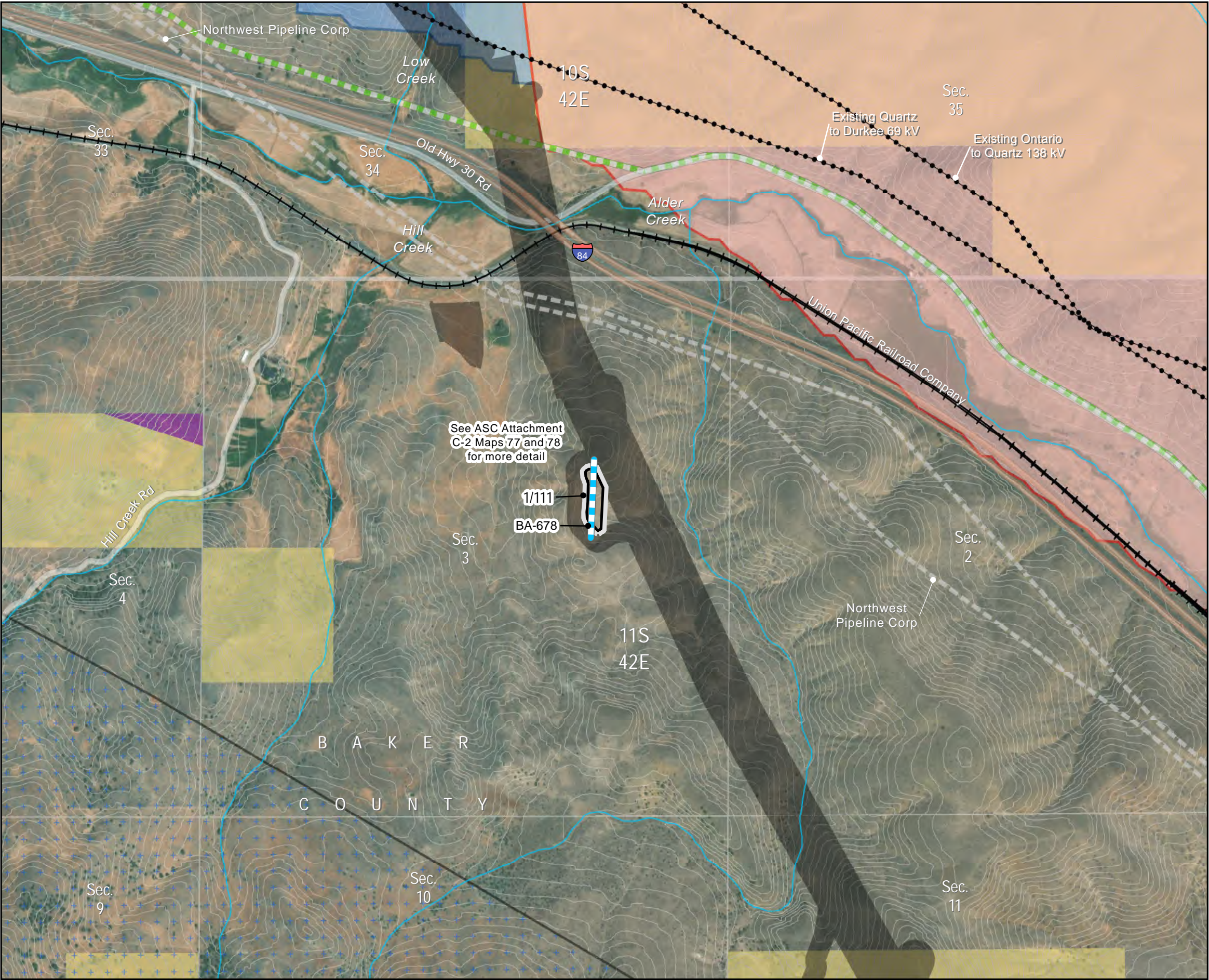


Figure 4-2
RFA1 Site Boundary Changes

Access Roads
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)
- Core Area
- Low Density

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

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

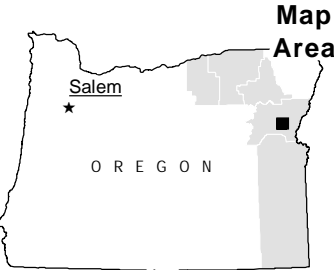
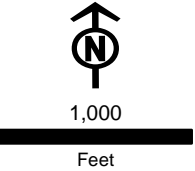
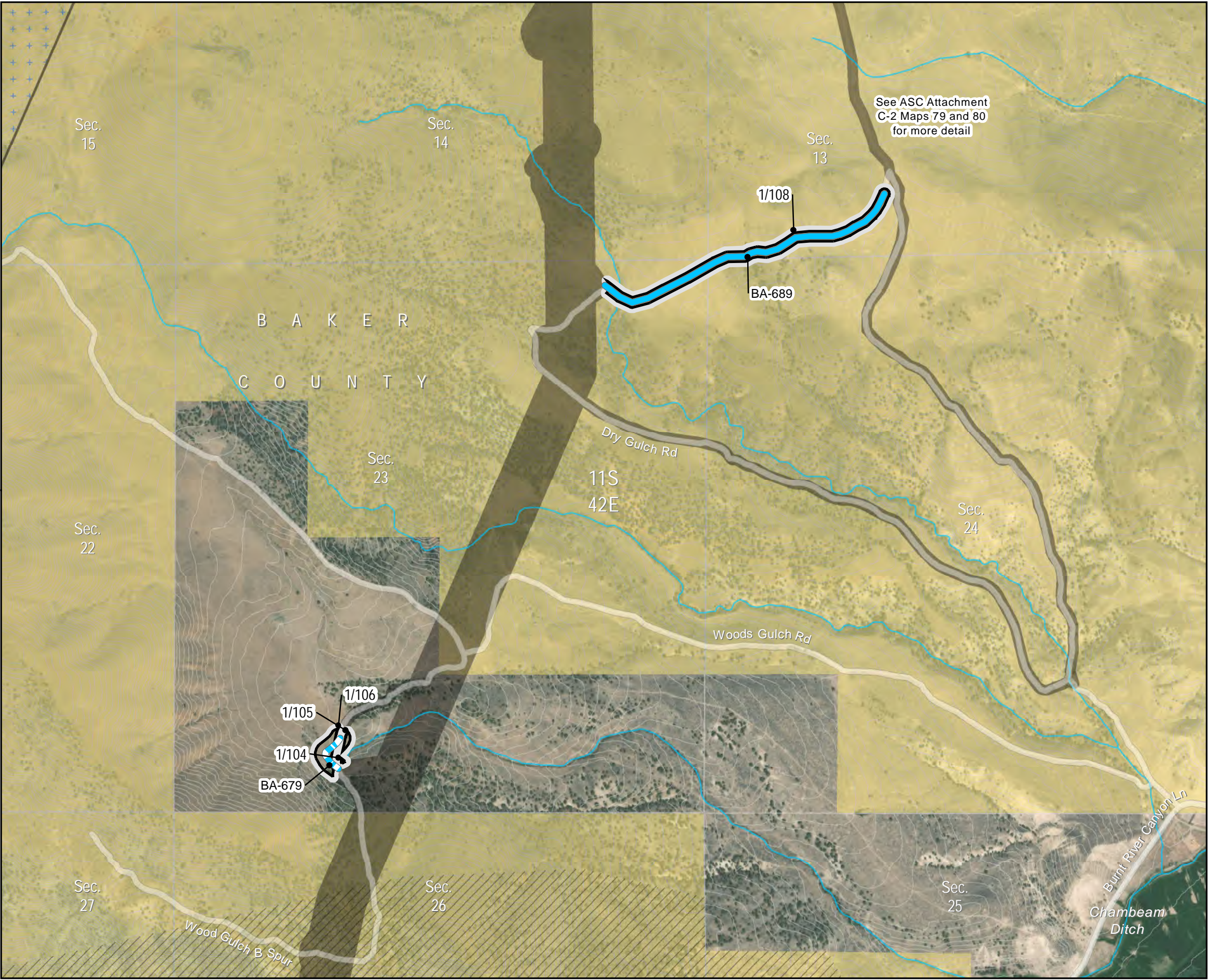


Figure 4-2
RFA1 Site Boundary Changes

Access Roads
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

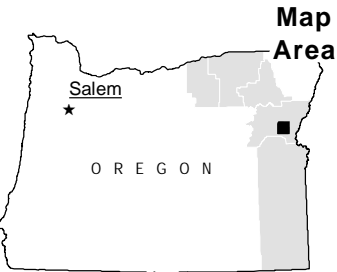
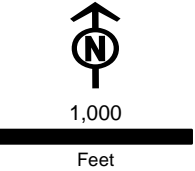


Figure 4-2
RFA1 Site Boundary Changes

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

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

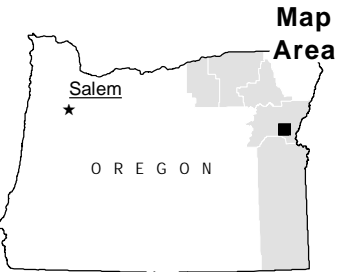
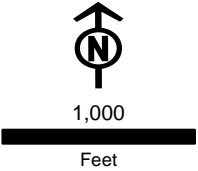
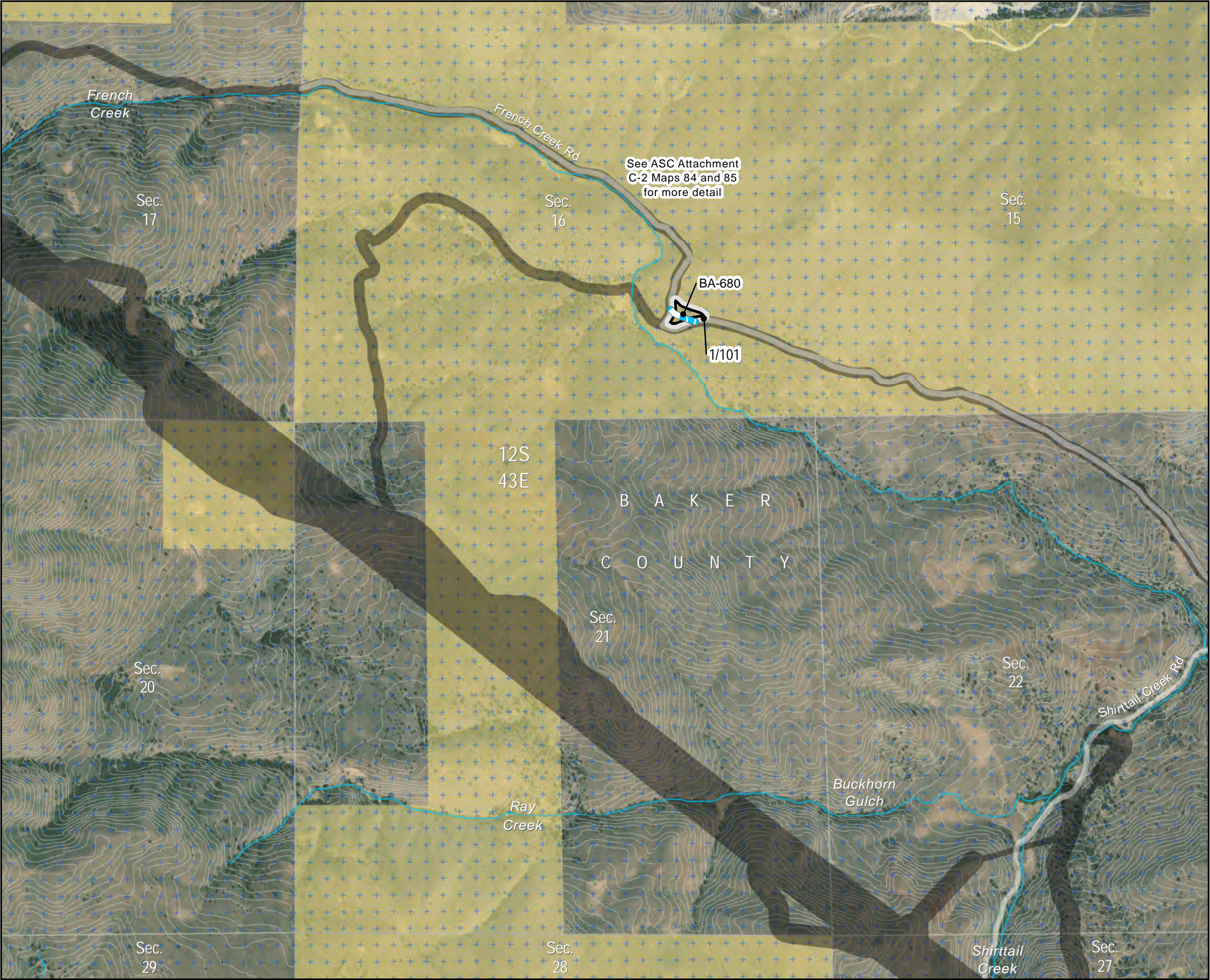


Figure 4-2
RFA1 Site Boundary Changes

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

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

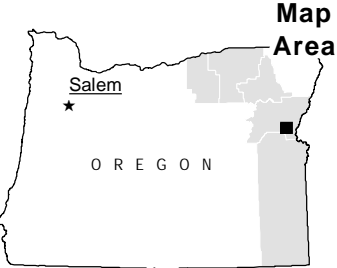
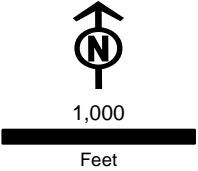
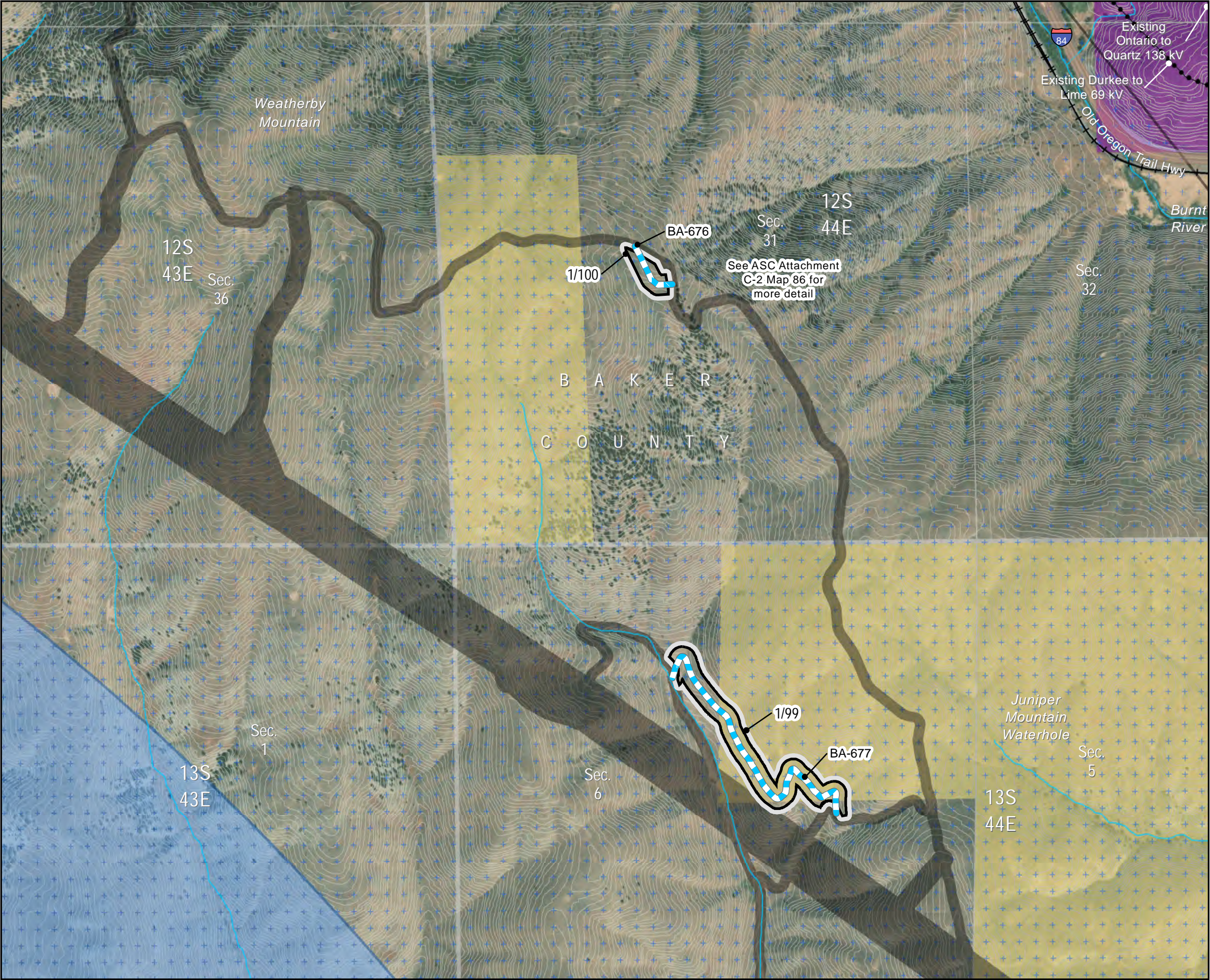


Figure 4-2
RFA1 Site Boundary Changes

Access Roads
Baker County

Map 25



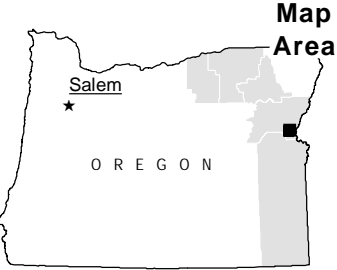
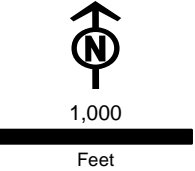
- Project Features**
- New RFA1 Site Boundary
 - Site Boundary Approved in Site Certificate
- Access**
- New Road, Bladed
- Important Siting Constraints and Other Features**
- 20-ft Contours
 - Existing Transmission Line
 - Stream
 - Interstate
 - Public Roads
 - Railroad
 - Elk Winter Range
- Sage-grouse Core Areas and Habitat (ODFW)**
- Low Density
- Land Status**
- Bureau of Land Management
 - Private

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

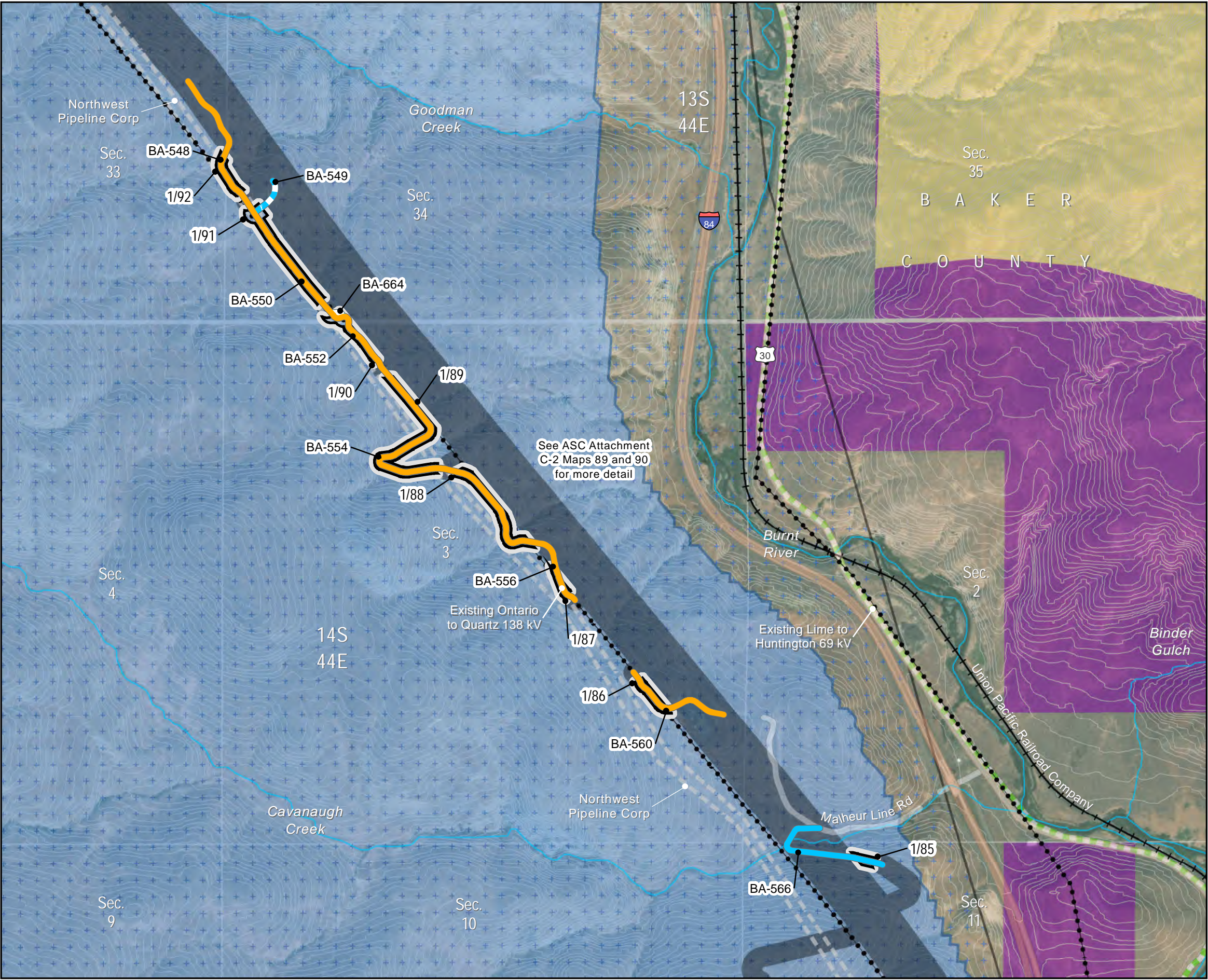


Boardman to Hemingway
Transmission Project
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Figure 4-2
RFA1 Site Boundary Changes

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
- Land Status**
- 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

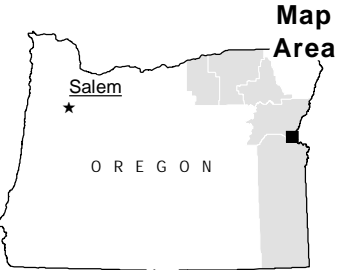
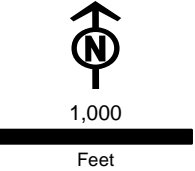
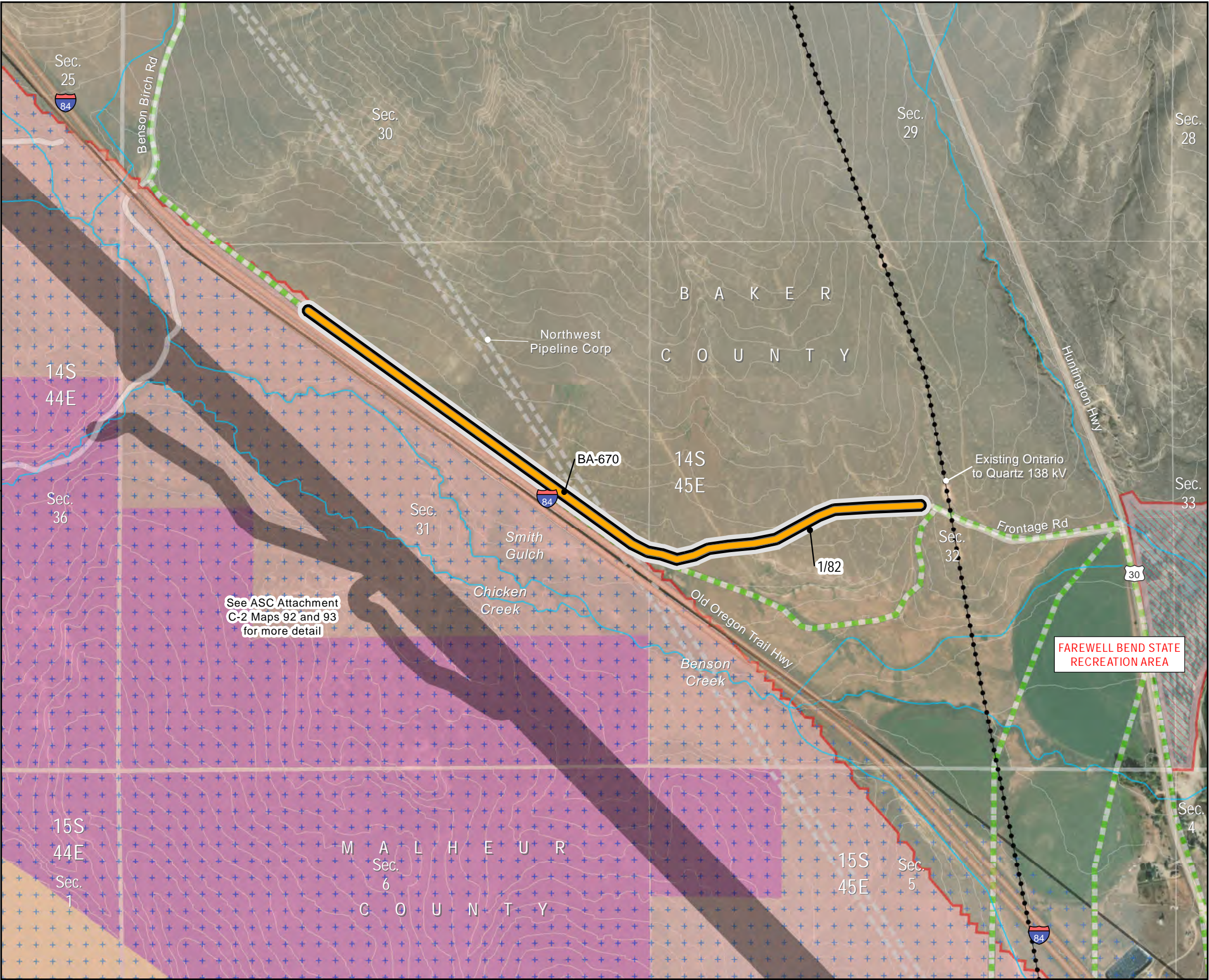


Figure 4-2
RFA1 Site Boundary Changes

Access Roads
Baker County

Map 27



- 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)
 - Interstate
 - Highways
 - Public Roads
 - Protected Area (EFSC)
 - Elk Winter Range
- Sage-grouse Core Areas and Habitat (ODFW)**

 - Core Area

Land Status

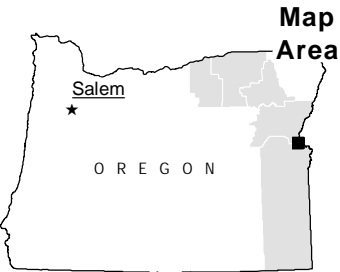
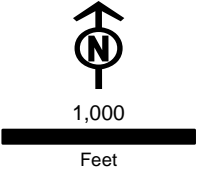
 - Bureau of Land Management
 - Private
 - State or Local Parks and Recreation or Wildlife
 - Designated Utility Corridor

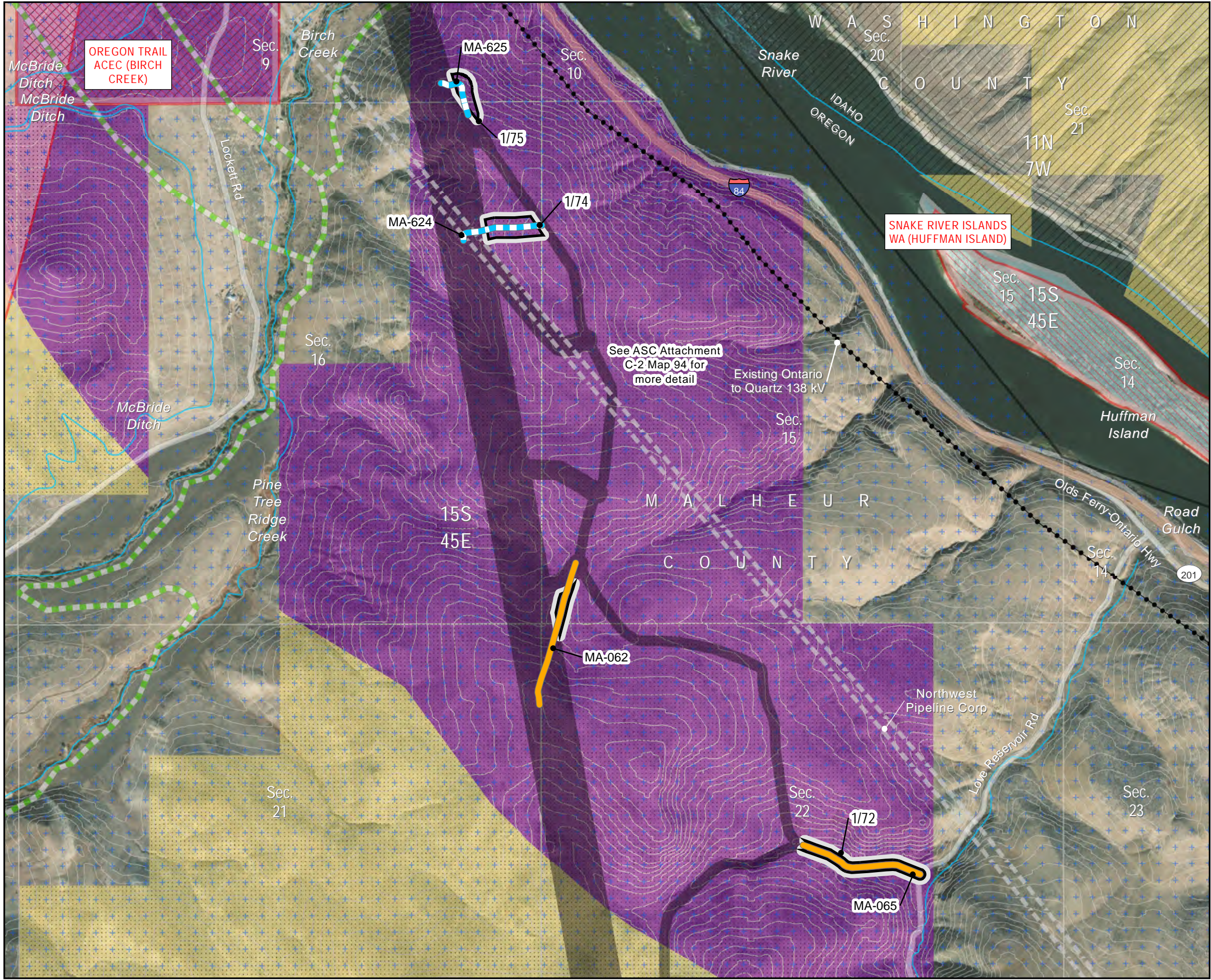
Notes:
Not intended for construction or any uses other than intended purpose.

Project features current as of March 9, 2023.

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

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





Boardman to Hemingway
Transmission Project
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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 (NHT)
 - Interstate
 - Highways
 - Public Roads
 - Protected Area (EFSC)
 - Elk Winter Range
 - VRM Class 2
- VRM Class 3

Sage-grouse Core Areas and Habitat (ODFW)

 - Core Area

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

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

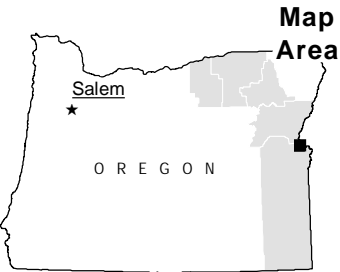
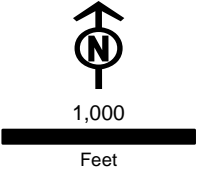




Figure 4-2
RFA1 Site Boundary Changes

Access Roads
Malheur County

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

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

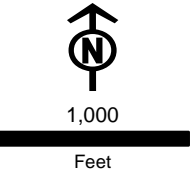


Figure 4-2
RFA1 Site Boundary Changes

Access Roads
Malheur County

Map 30

- Project Features
- New RFA1 Site Boundary
 - Site Boundary Approved in Site Certificate
- Access
- New Road, Primitive
- 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
 - 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

1,000 Feet

Map Area

IDAHO POWER
An IDACORP Company

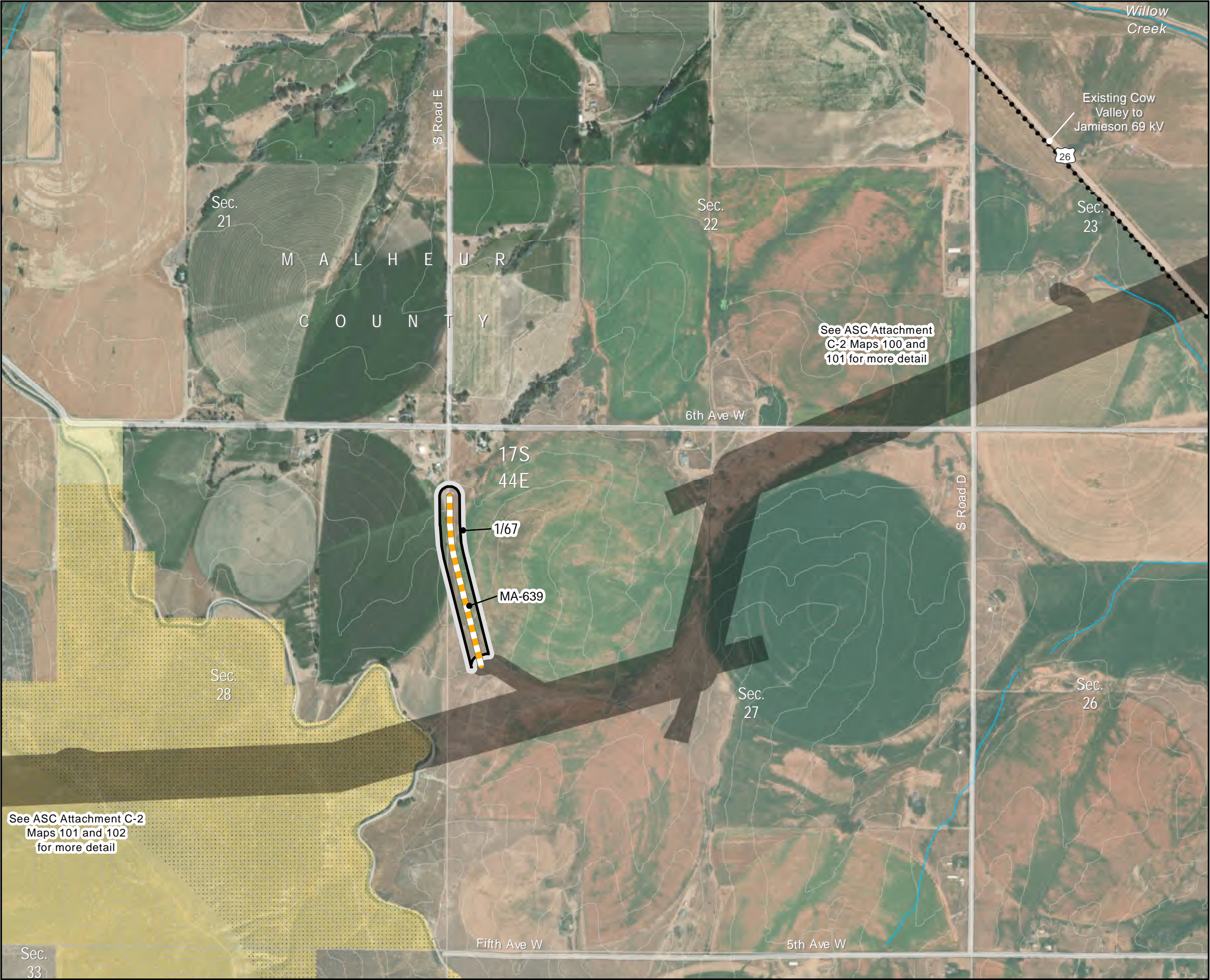
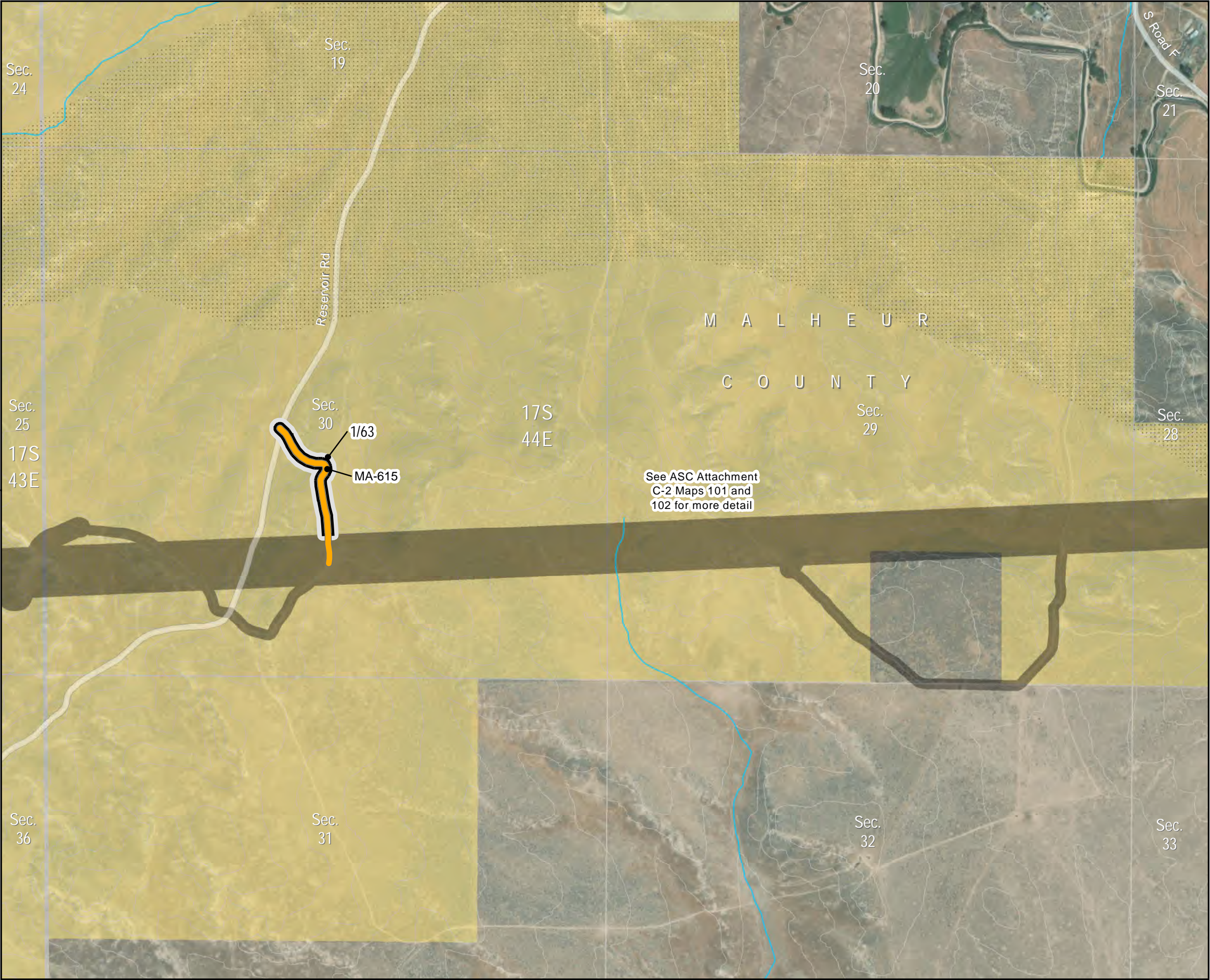


Figure 4-2
RFA1 Site Boundary Changes

Access Roads
Malheur County

Map 31



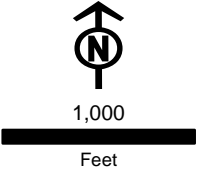
- Project Features**
- New RFA1 Site Boundary
 - Site Boundary Approved in Site Certificate
- Access**
- Existing Road, Substantial Modification, 21-70% Improvements
- Important Siting Constraints and Other Features**
- 20-ft Contours
 - Stream
 - Public Roads
 - VRM Class 3
- Land Status**
- Bureau 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

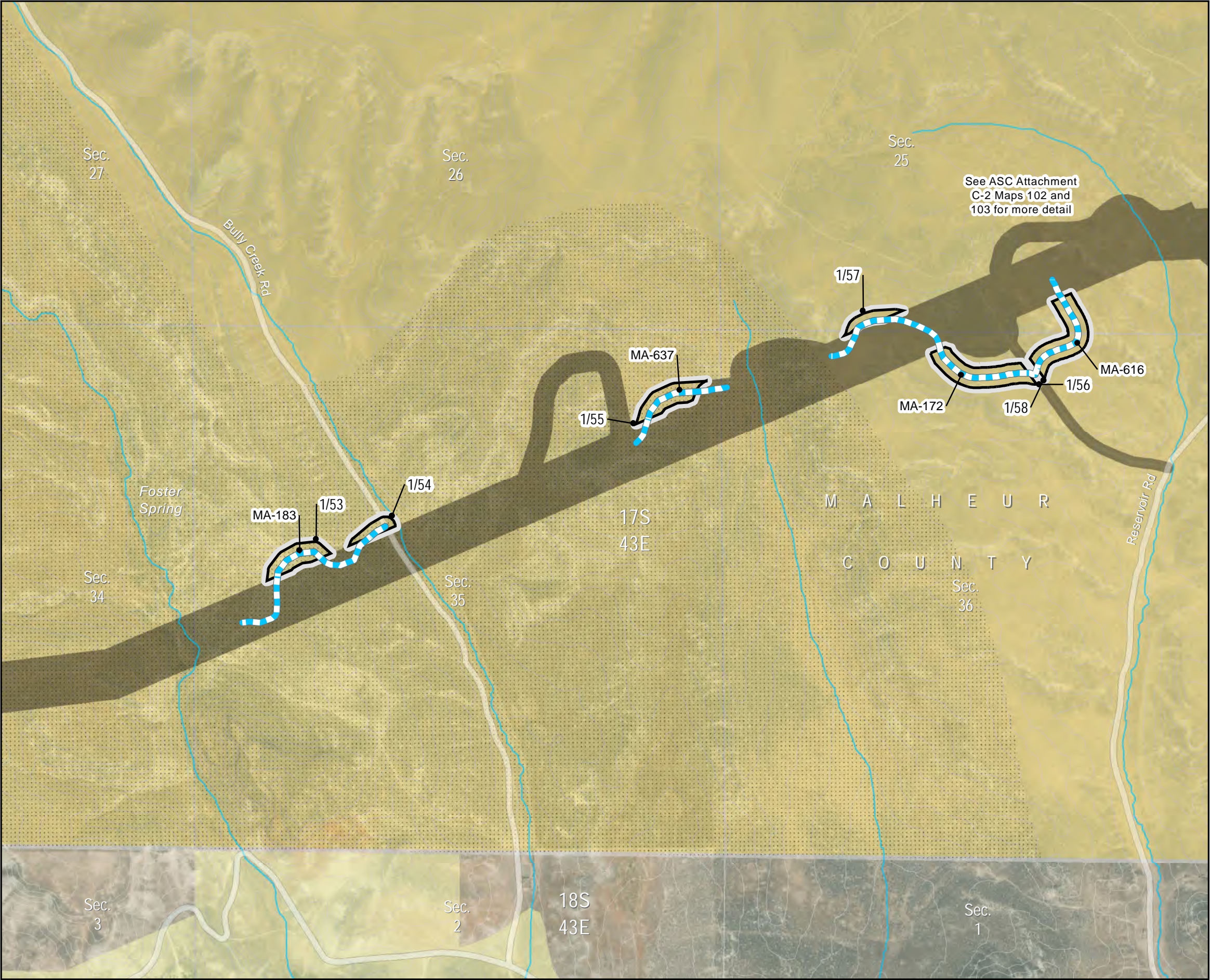


Boardman to Hemingway
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Figure 4-2
RFA1 Site Boundary Changes

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

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

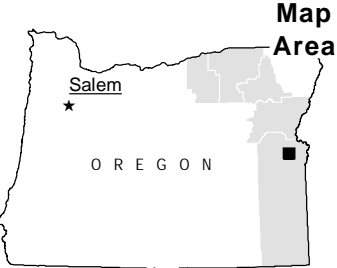
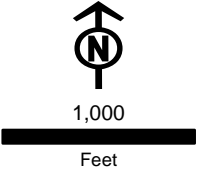
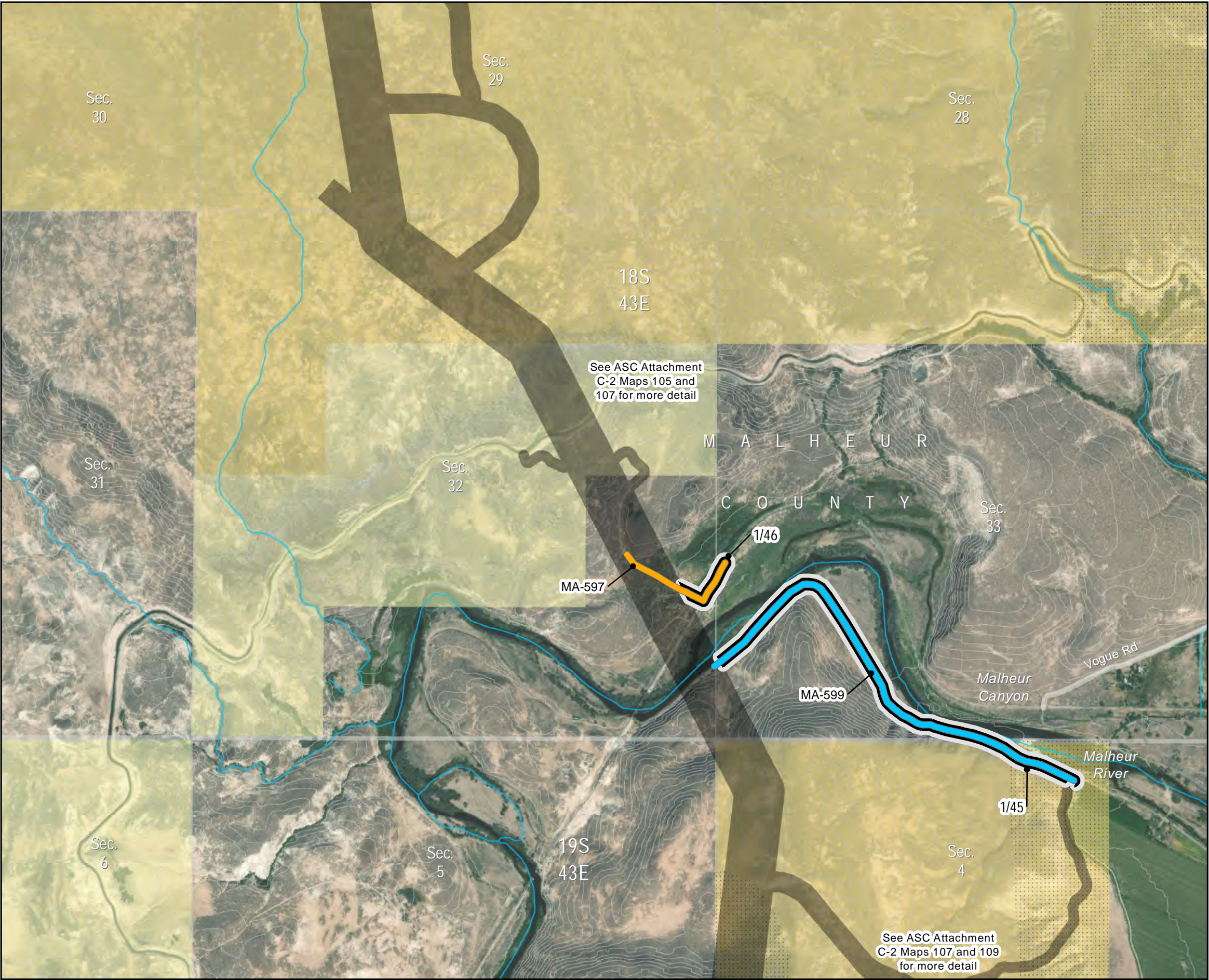


Figure 4-2
RFA1 Site Boundary Changes

Access Roads
Malheur County

Map 33



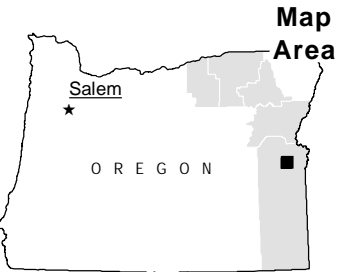
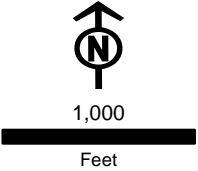
- Project Features**
- New RFA1 Site Boundary
 - Site Boundary Approved in Site Certificate
- Access**
- Existing Road, Substantial Modification, 21-70% Improvements
 - Existing Road, Substantial Modification, 71-100% Improvements
- Important Siting Constraints and Other Features**
- 20-ft Contours
 - 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

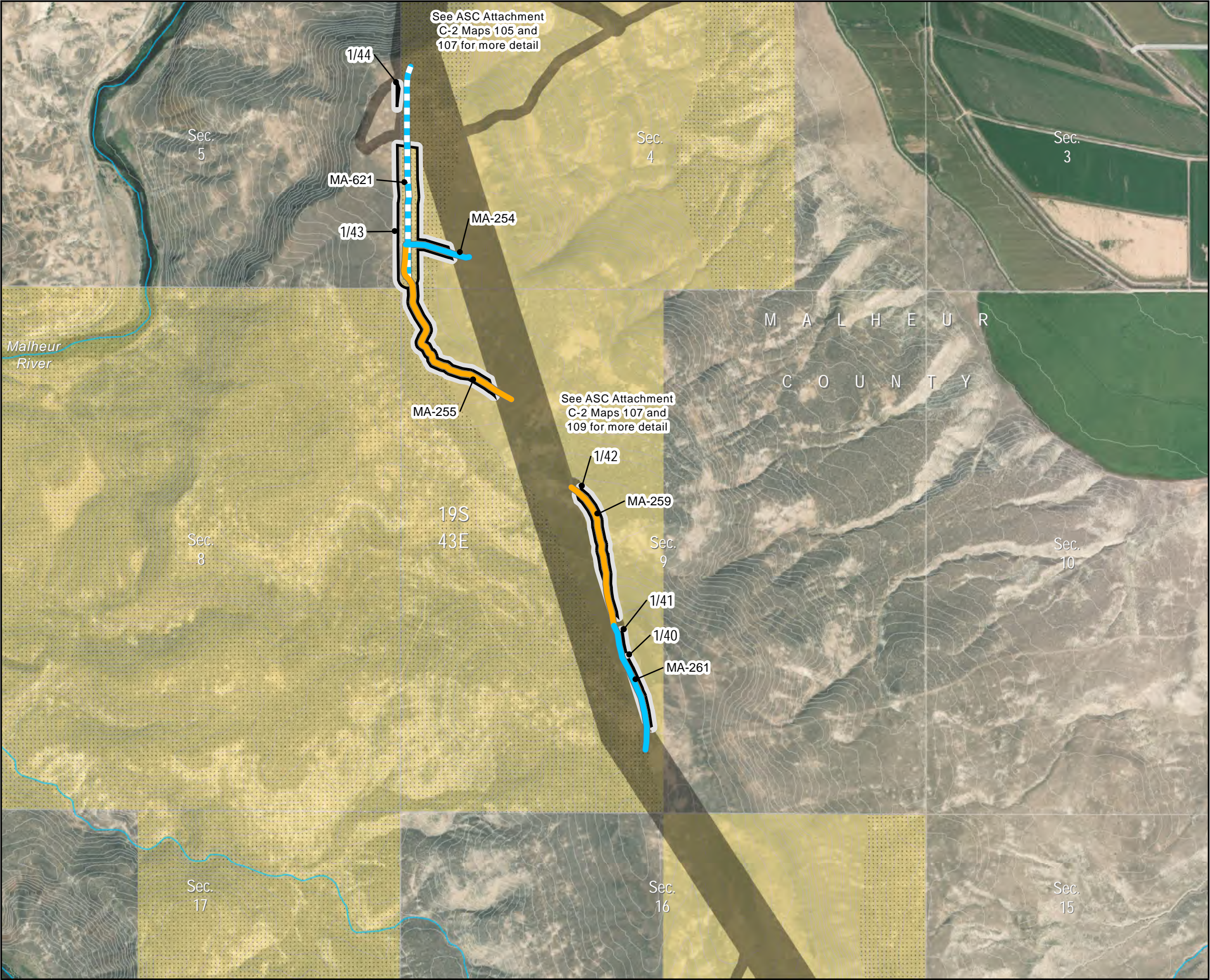


Boardman to Hemingway
Transmission Project
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Figure 4-2
RFA1 Site Boundary Changes

Access Roads
Malheur County

Map 34



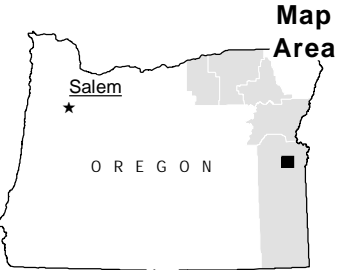
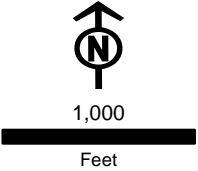
- Project Features**
- New RFA1 Site Boundary
 - Site Boundary Approved in Site Certificate
- Access**
- Existing Road, Substantial Modification, 21-70% Improvements
 - Existing Road, Substantial Modification, 71-100% Improvements
 - New Road, Bladed
- Important Siting Constraints and Other Features**
- 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

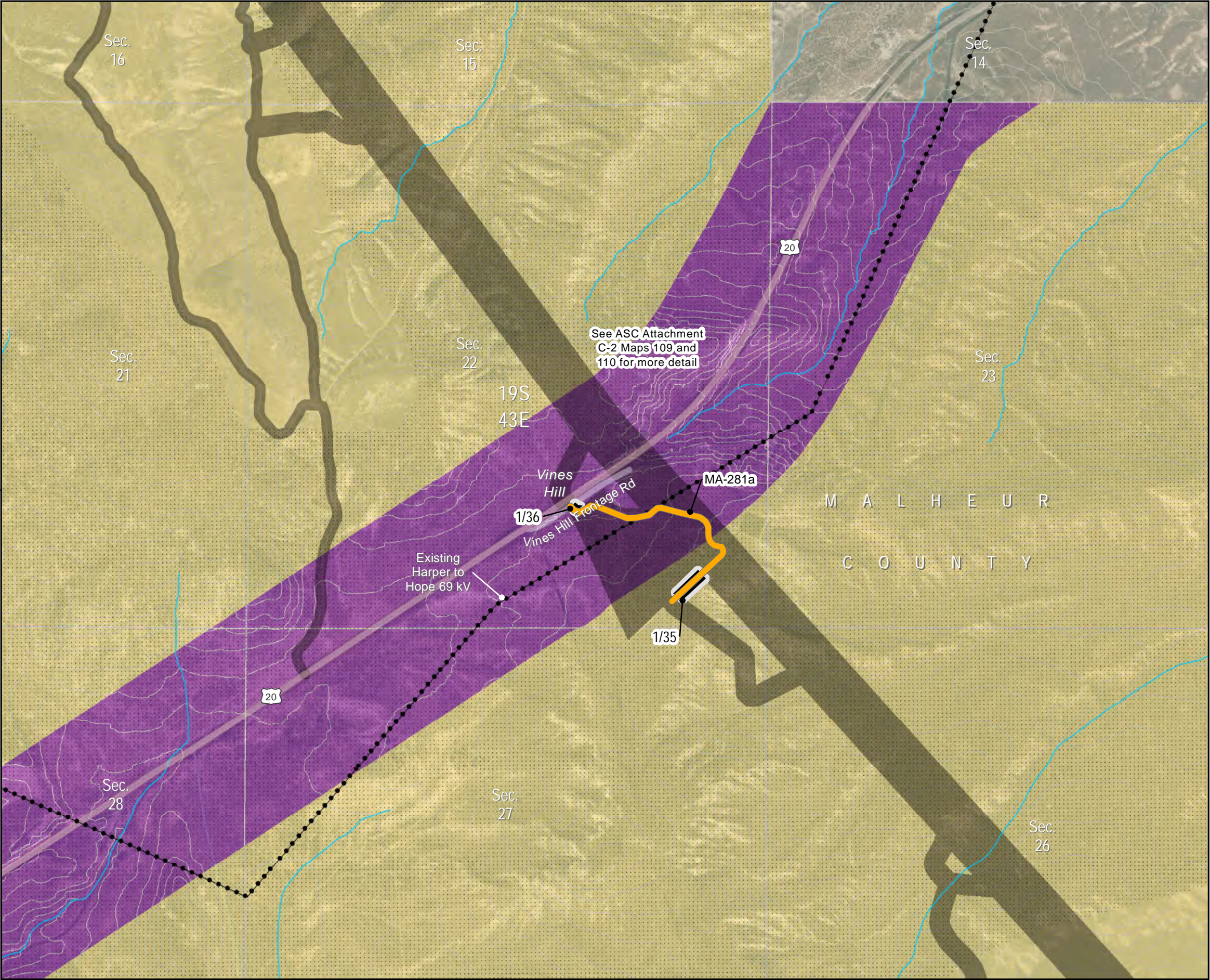


Boardman to Hemingway
Transmission Project
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Figure 4-2
RFA1 Site Boundary Changes

Access Roads
Malheur County

Map 35



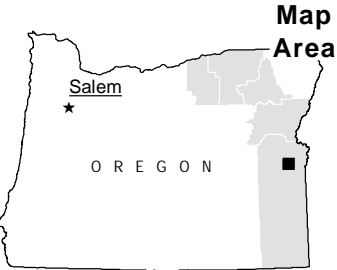
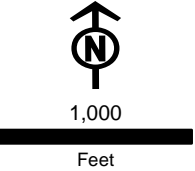
- Project Features**
- New RFA1 Site Boundary
 - Site Boundary Approved in Site Certificate
- Access**
- Existing Road, Substantial Modification, 21-70% Improvements
- Important Siting Constraints and Other Features**
- 20-ft Contours
 - Existing Transmission Line
 - Stream
 - Highways
 - Public Roads
 - 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 Source(s):
BLM, Esri, NPS, ODOT, USGS, Velocity

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

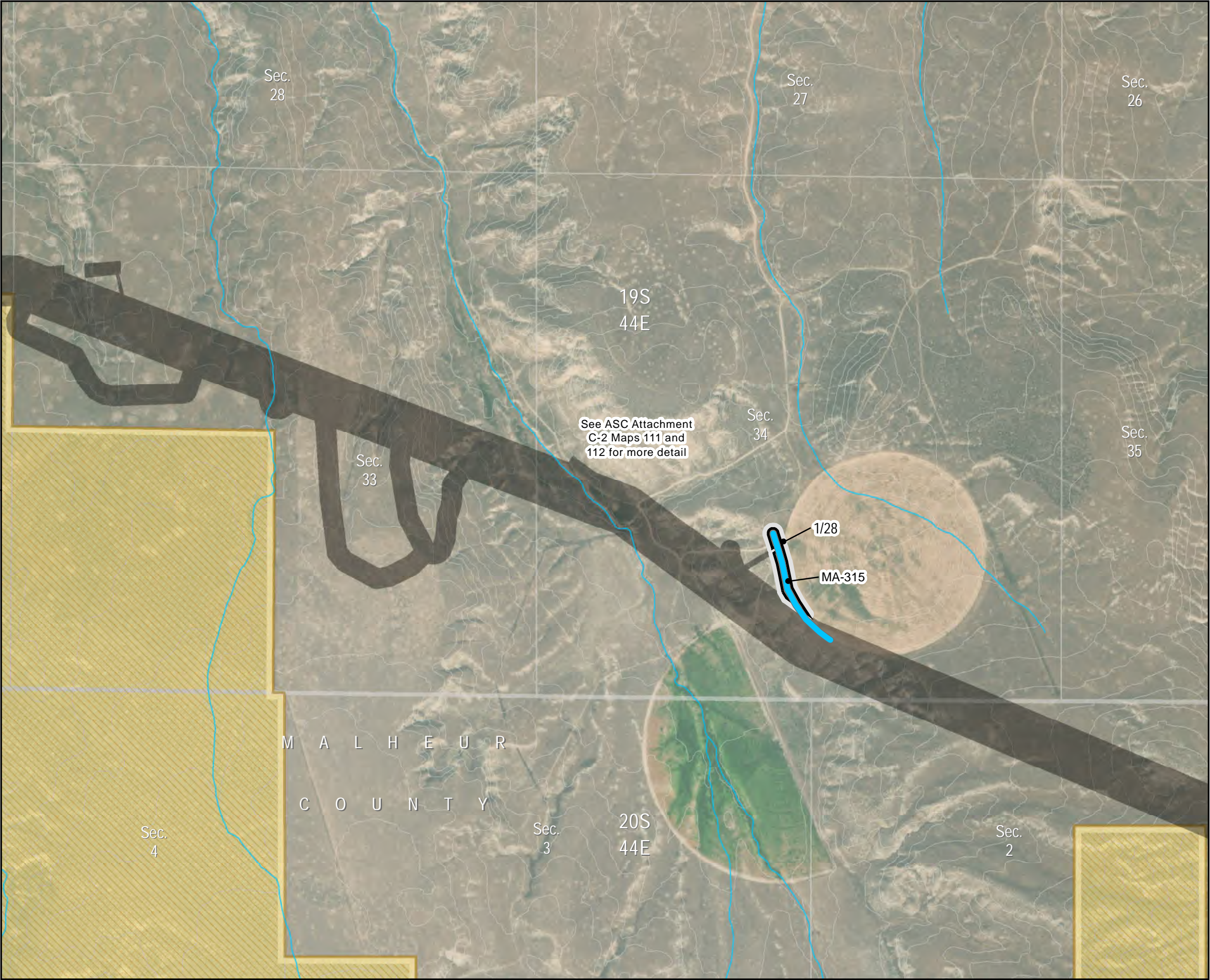


Boardman to Hemingway
Transmission Project
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Figure 4-2
RFA1 Site Boundary Changes

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 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

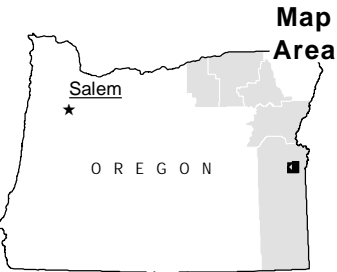
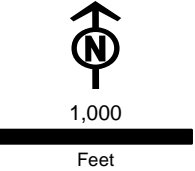
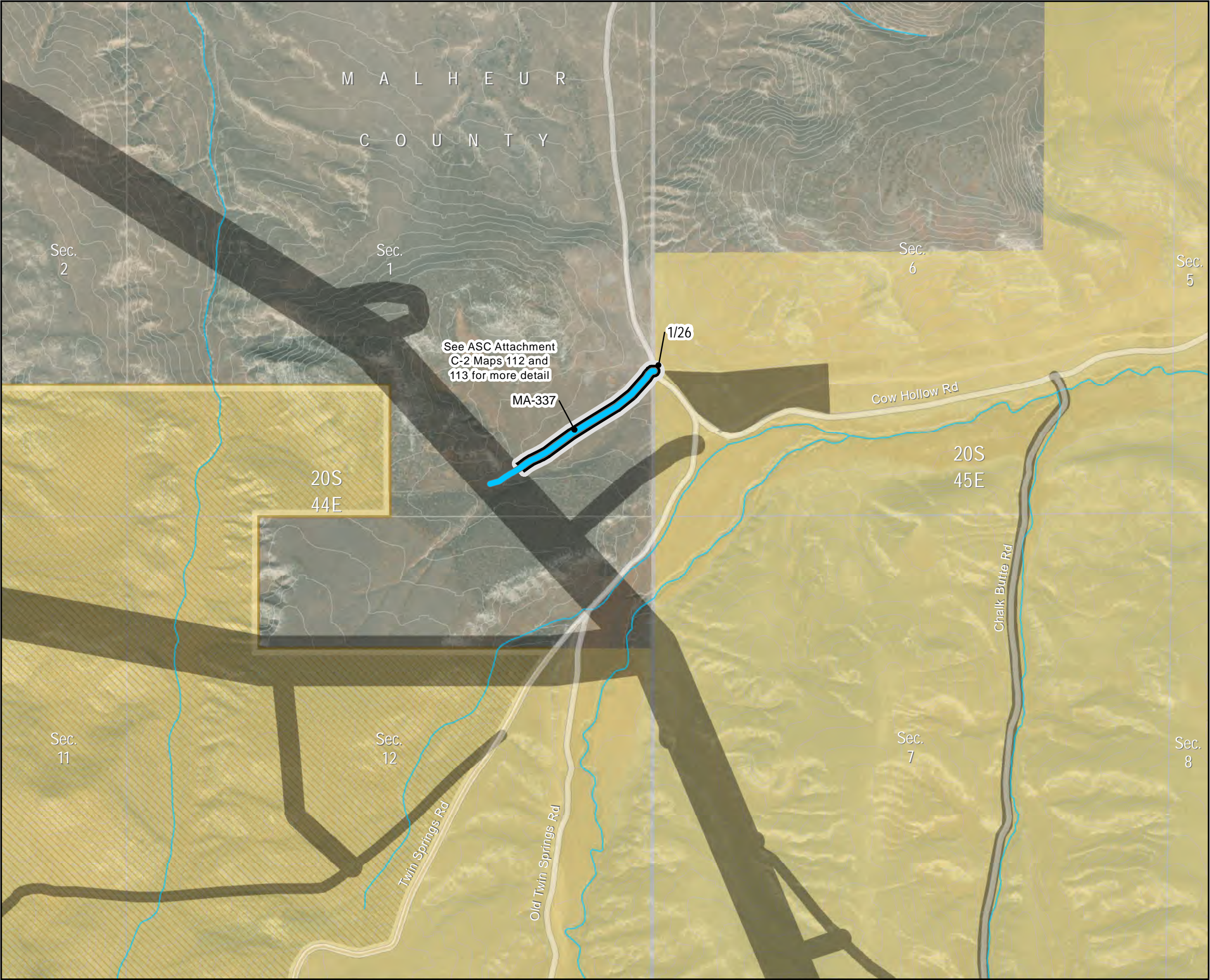


Figure 4-2
RFA1 Site Boundary Changes

Access Roads
Malheur County

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

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

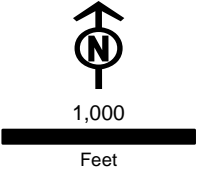


Figure 4-2
RFA1 Site Boundary Changes

Access Roads
Malheur County

Map 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:
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

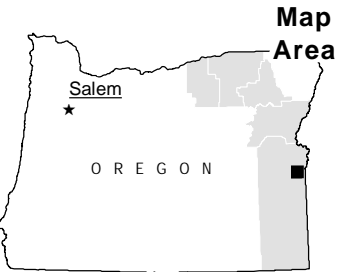
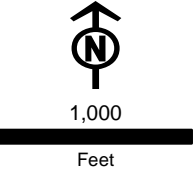
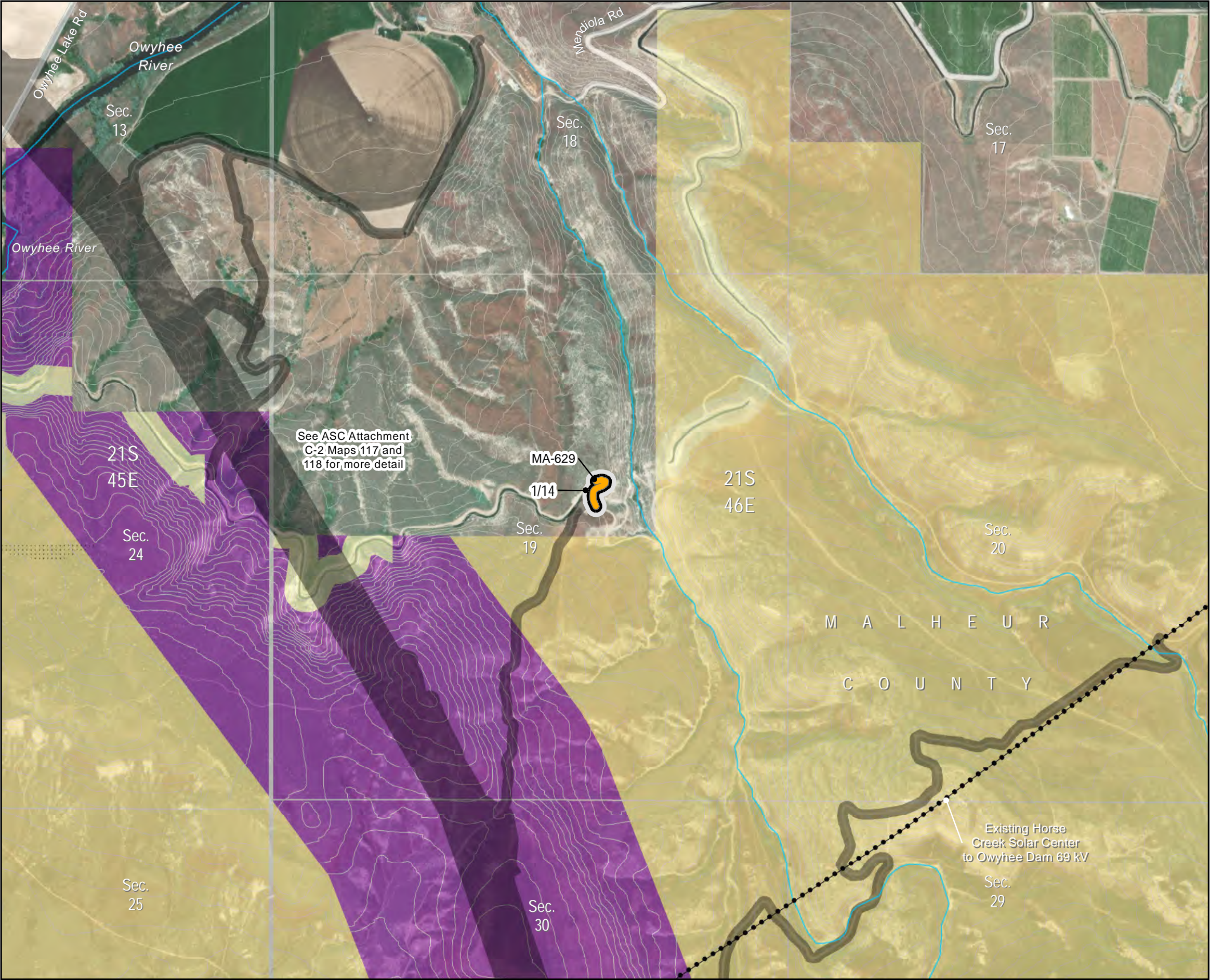


Figure 4-2
RFA1 Site Boundary Changes

Access Roads
Malheur County

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

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

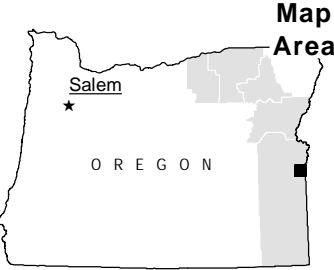
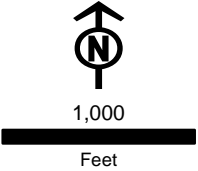
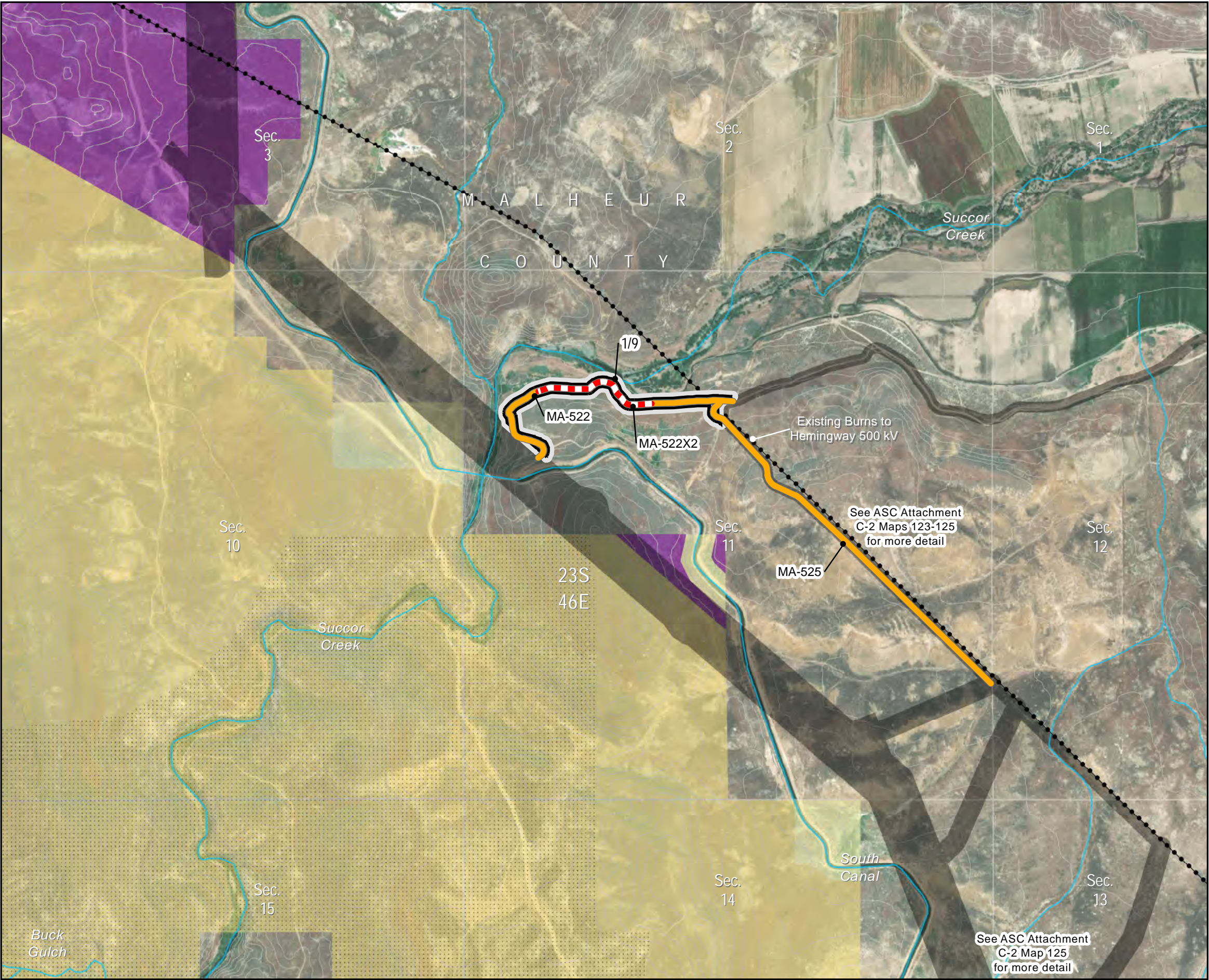


Figure 4-2
RFA1 Site Boundary Changes

Access Roads
Malheur County

Map 40



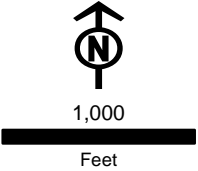
- Project Features**
- New RFA1 Site Boundary
 - Site Boundary Approved in Site Certificate
- Access**
- Existing Road, No Improvements Permitted
 - Existing Road, Substantial Modification, 21-70% Improvements
- Important Siting Constraints and Other Features**
- 20-ft Contours
 - Existing Transmission Line
 - Stream
 - 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 Source(s):
BLM, Esri, NPS, ODOT, USGS, Velocity

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

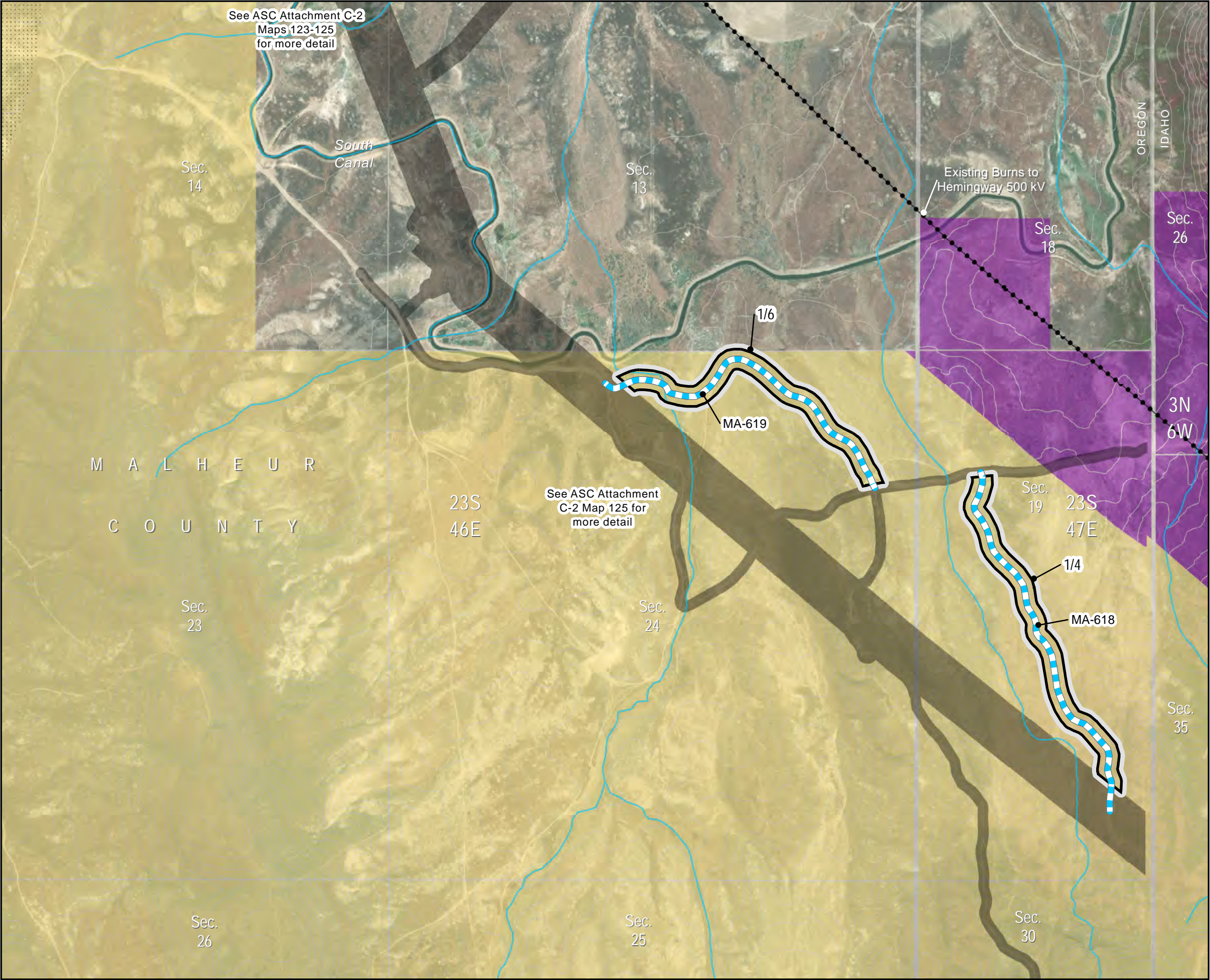


Boardman to Hemingway
Transmission Project
Request for Amendment 1

Figure 4-2
RFA1 Site Boundary Changes

Access Roads
Malheur County

Map 41



- 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
 - VRM Class 3
- Land Status**
- Bureau of Land Management
 - Private
 - Designated Utility Corridor

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