

**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

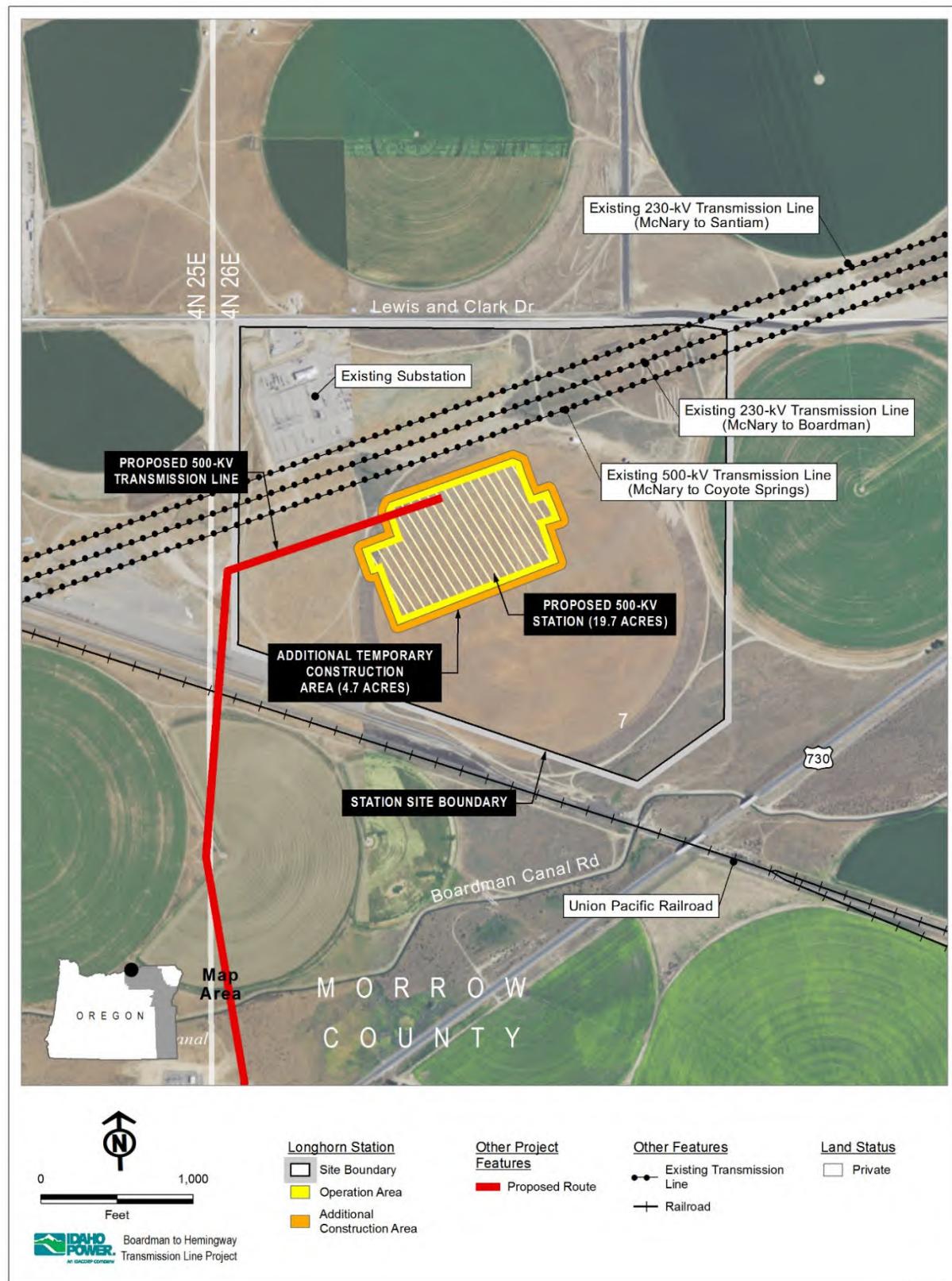
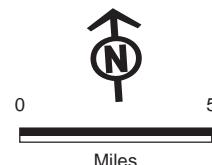
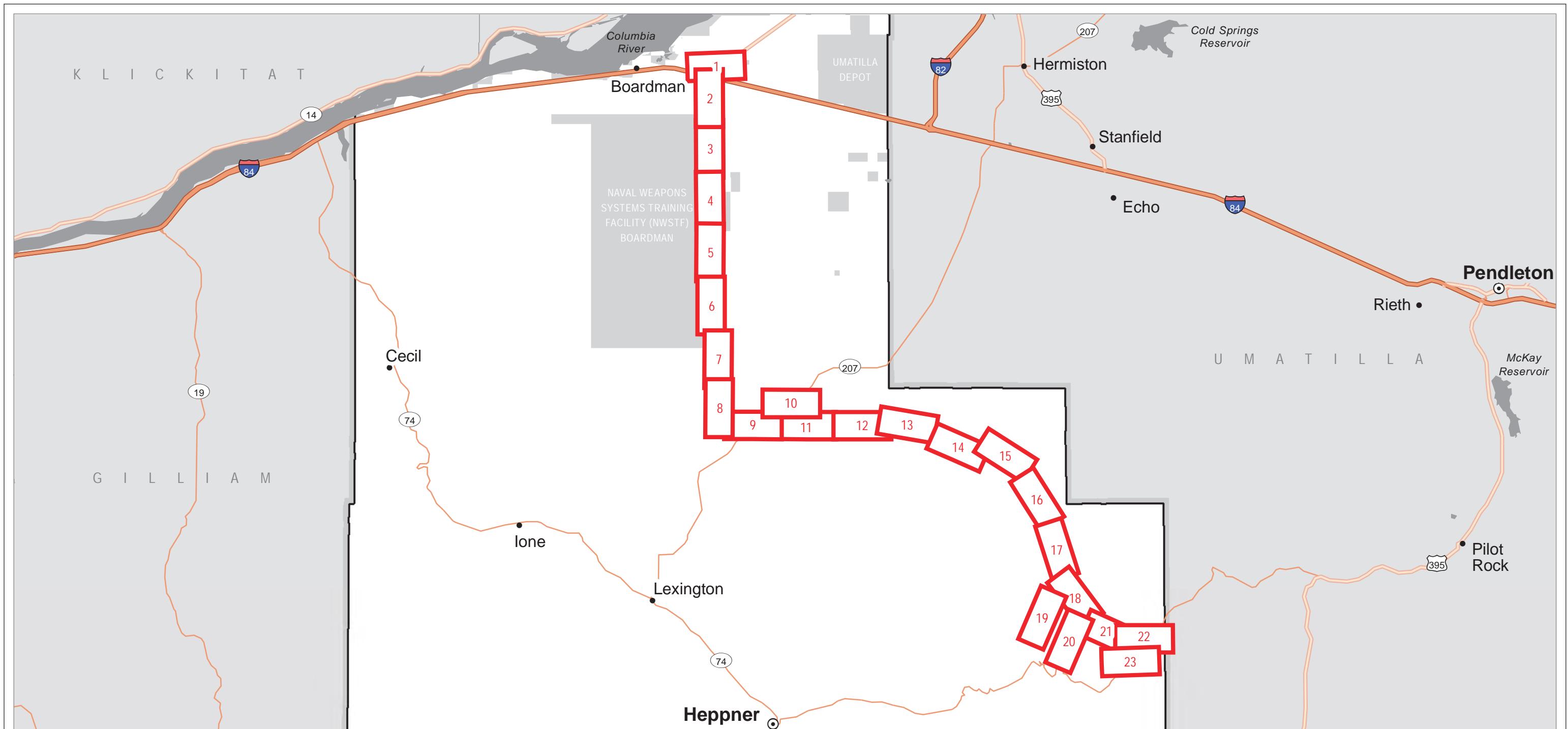


Figure C-1. Proposed Longhorn Station

ATTACHMENT C-2
PROPOSED ROUTE LOCATION



A black outline of the state of Oregon. A rectangular callout box is positioned in the upper right corner of the state's outline, containing a small, dark gray rectangular area.

Map Area

Source(s): BLM, IPC, Esri

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASC\Exhibits\C_Project Location\Maps\Attachment C-2\Index_Morrow.mxd

Map Index

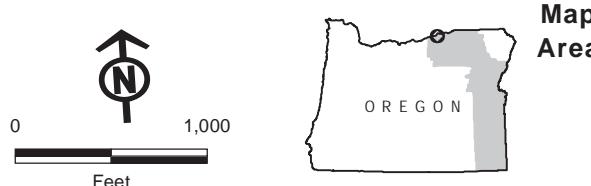
Location Map (Map #)

Boardman to Hemingway Transmission Line Project 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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASCI\Exhibits\C_Project Location Maps\Attachment C-2\Proposed Route_MORROW_rev 20180613.mxd

Project Features	
 	Site Boundary
—	Transmission Centerline
●	Milepost
○	Tenth-mile
—	Work Areas
 	Longhorn Station (Construction Area)
 	Longhorn Station (Operations Area)
 	Multi-Use Area
 	Pulling and Tensioning
 	Structure Work Area
—	Access
—	New Road, Primitive
—	Protected Area (EFSC)
—	Important Siting Constraints and Other Features
—	100-foot Contours
●	Existing Transmission Lines
—	Pipeline
—	Interstate
—	Highway
—	Other Road
+—	Railroad
—	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

Morrow County

Map 1



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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASCI\Exhibits\C_Project Location Maps\Attachment C-2\Proposed Route_MORROW_rev 20180613.mxd

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

Access
 Other Road
 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

Land Status
 Bureau of Reclamation
 Military Reservation or Corps of Engineers
 Private

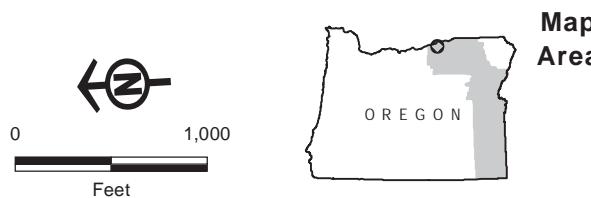
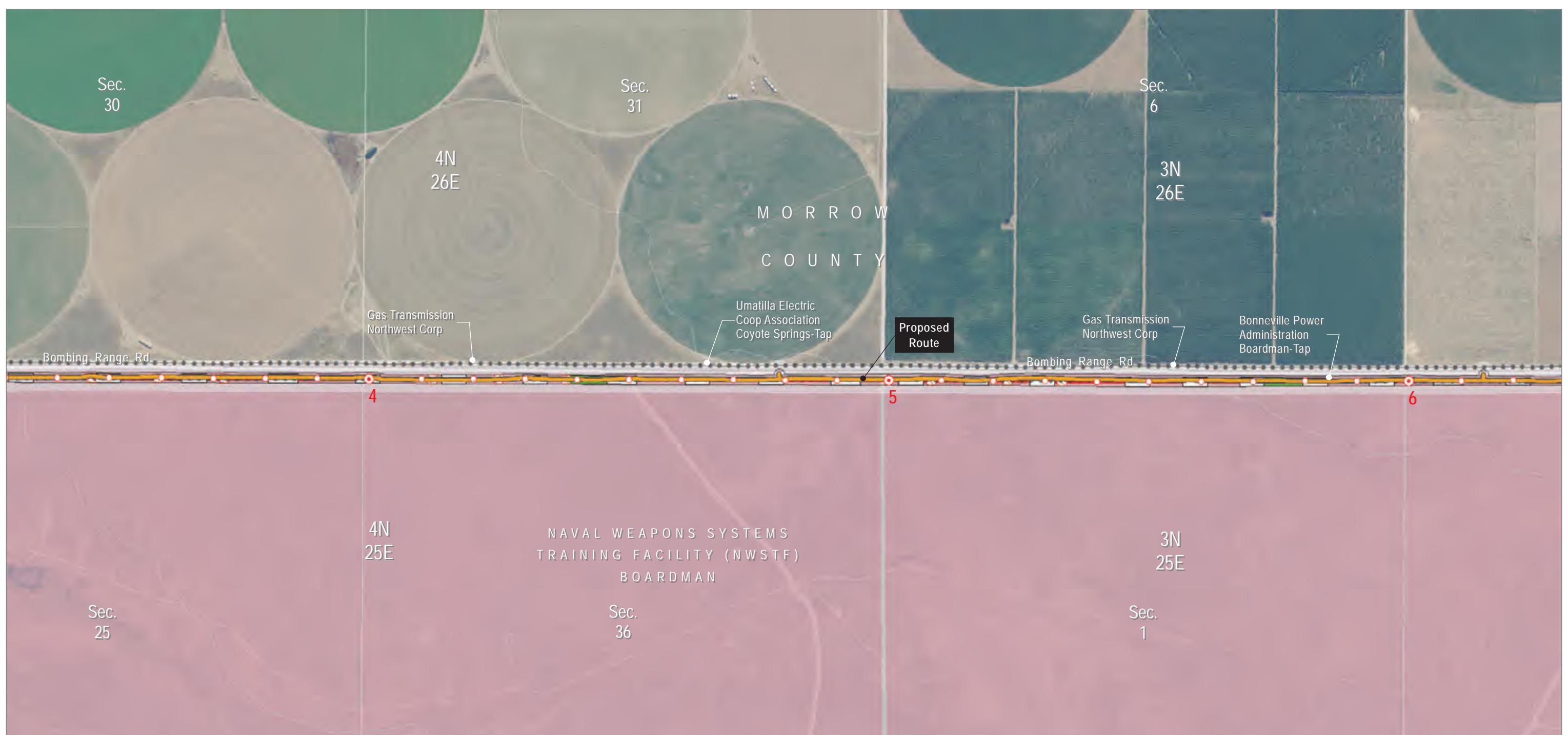
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-2 Proposed Route Location Maps

Morrow County

Map 2



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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASCI\Exhibits\C_Project Location Maps\Attachment C-2\Proposed Route_MORROW_rev 20180613.mxd

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

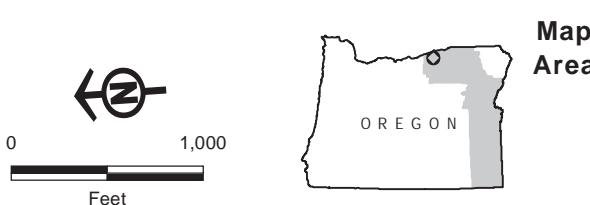
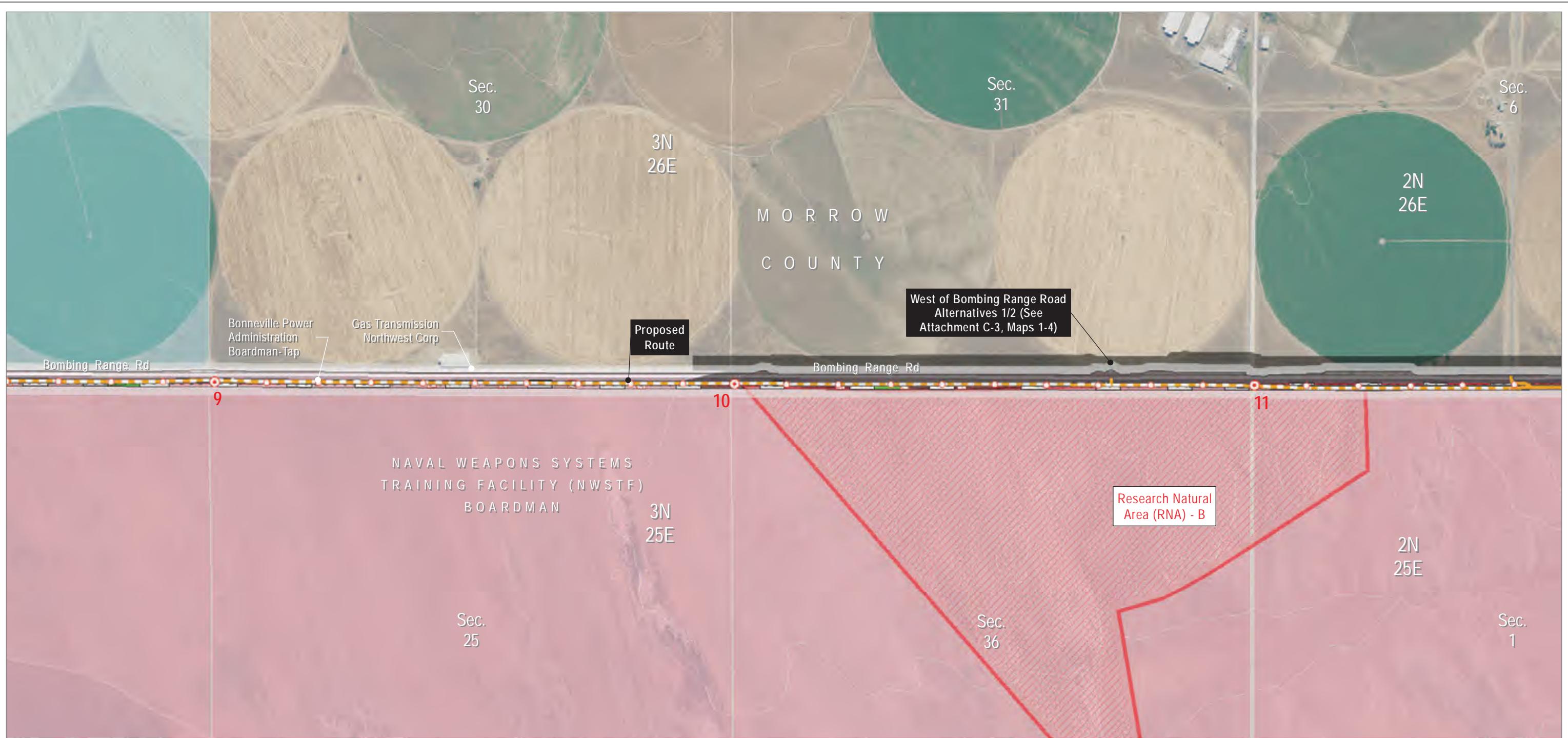
- Military Reservation or Corps of Engineers
- Private

Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-2
Proposed Route Location Maps
Morrow County
Map 3





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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASCI\Exhibits\C_Project Location Maps\Attachment C-2\Proposed Route_MORROW_rev 20180613.mxd

Project Features
□ Site Boundary
■ Alternative
— Transmission Centerline
Mileposts
● Mile
○ Tenth-mile
Work Areas
■ Pulling and Tensioning
□ Structure Work Area
■ Structure Work Area (Removal Only)

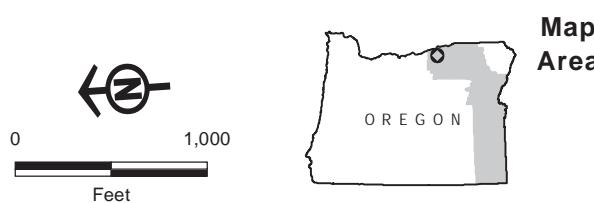
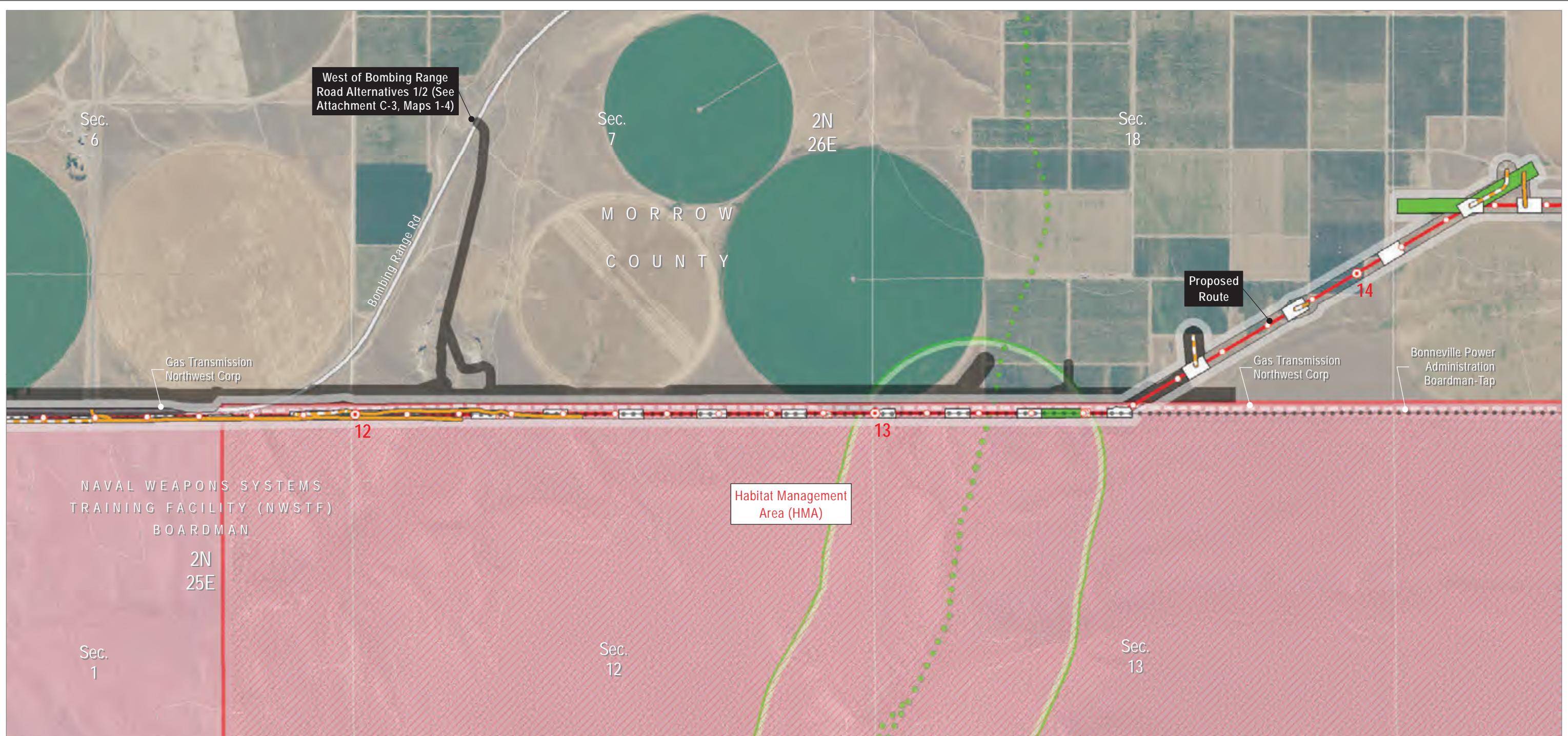
Access
— Existing Road, Substantial Modification, 21-70% Improvements
— New Road, Primitive
Important Siting Constraints and Other Features
~ 100-foot Contours
●—● Existing Transmission Lines
— Pipeline
— Other Road
■ Protected Area (EFSC)

Land Status
■ Military Reservation or Corps of Engineers
□ Private
■ State or Local

Boardman to Hemingway Transmission Line Project
Application for Site Certificate



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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASCI\Exhibits\C_Project Location Maps\Attachment C-2\Proposed Route_MORROW_rev 20180613.mxd

Project Features	
<input type="checkbox"/>	Site Boundary
<input type="checkbox"/>	Alternative
<input type="checkbox"/>	Transmission Centerline
	Mileposts
<input type="radio"/>	Mile
<input type="radio"/>	Tenth-mile
	Work Areas
<input type="checkbox"/>	Pulling and Tensioning
<input type="checkbox"/>	Structure Work Area
<input type="checkbox"/>	Structure Work Area (Removal Only)

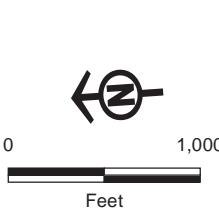
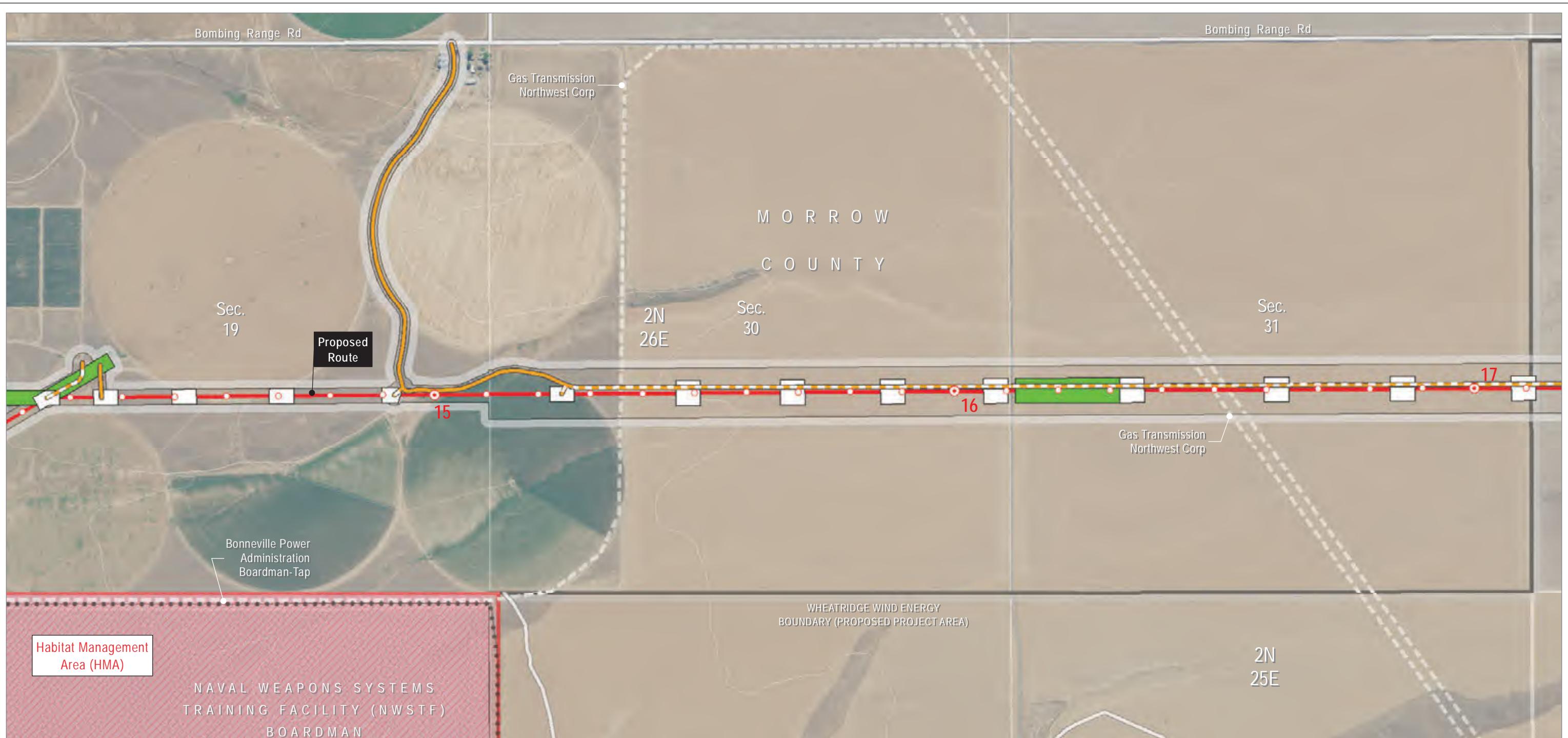
Access	
<input type="checkbox"/>	Existing Road, Substantial Modification, 21-70% Improvements
<input type="checkbox"/>	New Road, Primitive
	Important Siting Constraints and Other Features
<input type="checkbox"/>	100-foot Contours
<input type="checkbox"/>	Existing Transmission Lines
<input type="checkbox"/>	Oregon National Historic Trail (NHT)
<input type="checkbox"/>	Pipeline

<input type="checkbox"/>	Other Road
<input type="checkbox"/>	Oregon NHT Intact Segment (1/4-mile buffer)
<input type="checkbox"/>	Protected Area (EFSC)
	Land Status
<input type="checkbox"/>	Military Reservation or Corps of Engineers
<input type="checkbox"/>	Private

Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-2
Proposed Route Location Maps
Morrow County
Map 6



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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASCI\Exhibits\C_Project Location Maps\Attachment C-2\Proposed Route_MORROW_rev 20180613.mxd

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

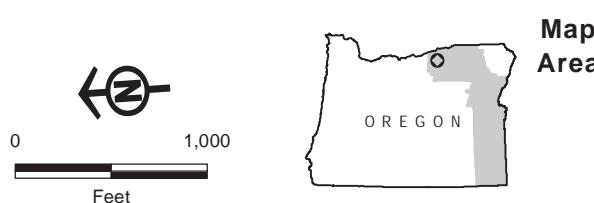
— New Road, Primitive
Important Siting Constraints and Other Features
— 100-foot Contours
●— Existing Transmission Lines
— Pipeline
— Other Road
■ Protected Area (EFSC)
□ Wheatridge Wind Energy (Project Area)

Land Status
■ Military Reservation or Corps of Engineers
□ Private

Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-2
Proposed Route Location Maps
Morrow County
Map 7



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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASCI\Exhibits\C_Project Location Maps\Attachment C-2\Proposed Route_MORROW_rev 20180613.mxd

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

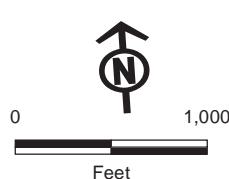
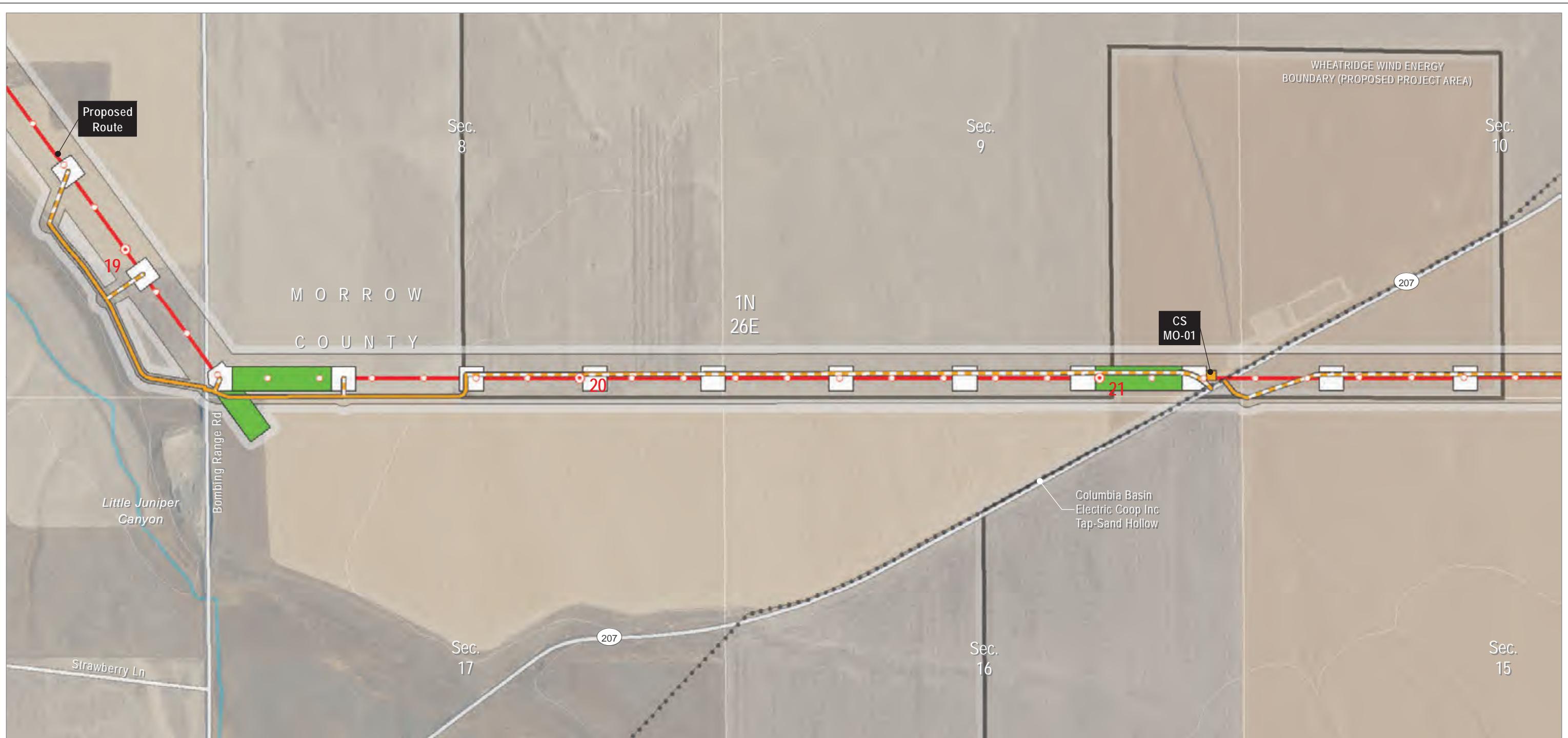
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-2 Proposed Route Location Maps

Morrow County

Map 8



Map Area

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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASCI\Exhibits\C_Project Location Maps\Attachment C-2\Proposed Route_MORROW_rev 20180613.mxd

Project Features
■ Site Boundary
— Transmission Centerline
Mileposts
● Mile
○ Tenth-mile
Work Areas
■ Communication Station
■ Pulling and Tensioning
□ Structure Work Area

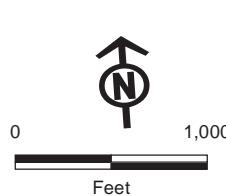
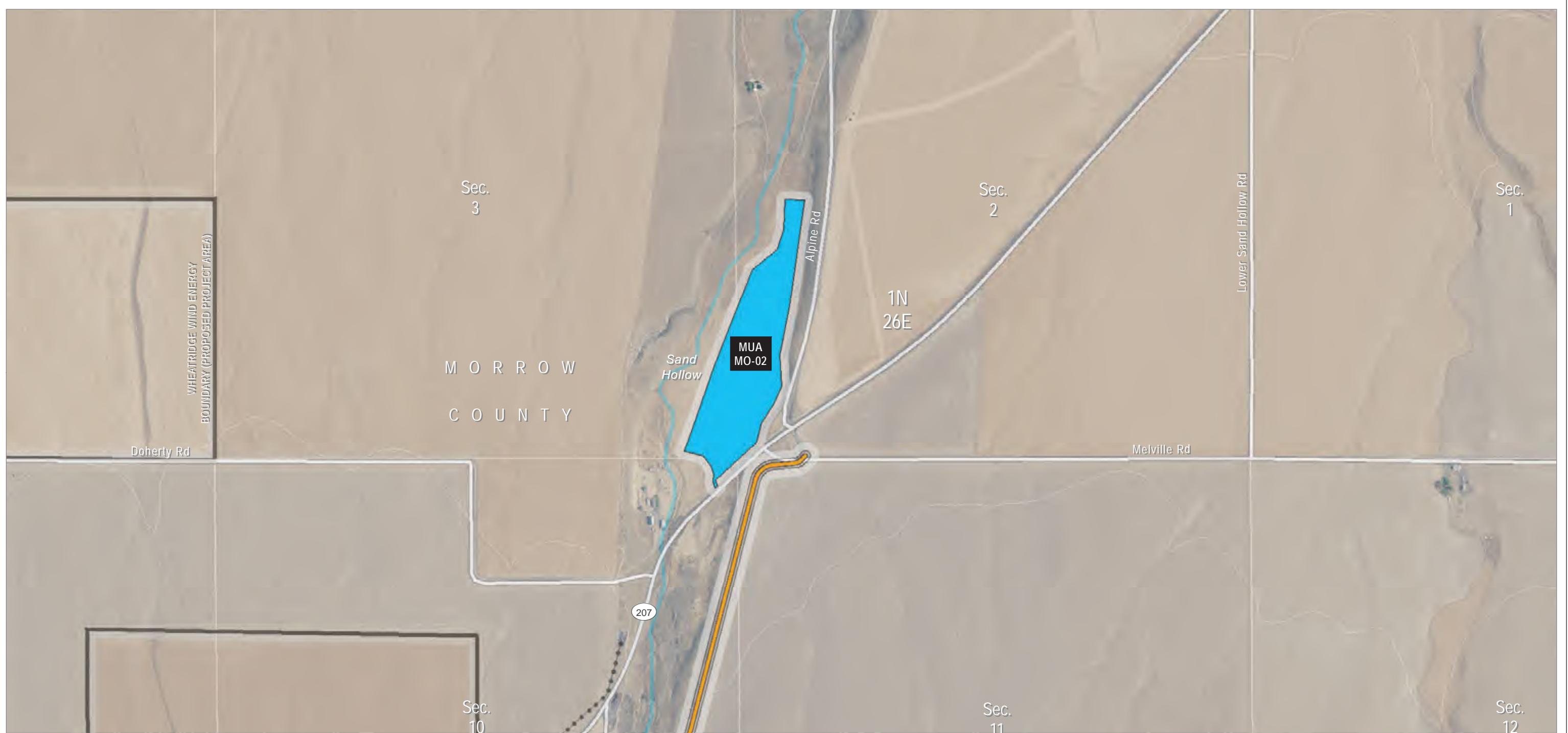
Access
■ Existing Road, Substantial Modification, 21-70% Improvements
— New Road, Primitive
Important Siting Constraints and Other Features
~ 100-foot Contours
●—● Existing Transmission Lines
— Other Road
~ Stream

Wheatridge Wind Energy (Project Area)
Land Status
■ Private

Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-2
Proposed Route Location Maps
Morrow 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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASCI\Exhibits\C_Project Location Maps\Attachment C-2\Proposed Route_MORROW_rev 20180613.mxd

Project Features

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

Important Siting Constraints and Other Features

- 100-foot Contours
- Existing Transmission Lines

Land Status

- Private

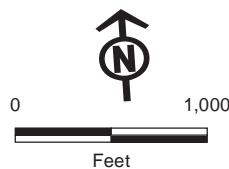
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-2 Proposed Route Location Maps

Morrow County

Map 10



A map of Oregon with a shaded rectangular area in the north-central part of the state, indicating the study area. The word "OREGON" is printed below the map.

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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASC\Exhibits\C_Project Location\Maps\Attachment C-2\Proposed Route_MORROW_rev 20180613.mxw

- Project Features**
 - Site Boundary
 - Transmission Centerline
 - Mileposts
 - Mile
 - Tenth-mile
 - Work Areas
 - 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

Application for Site Certificate

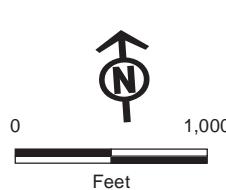
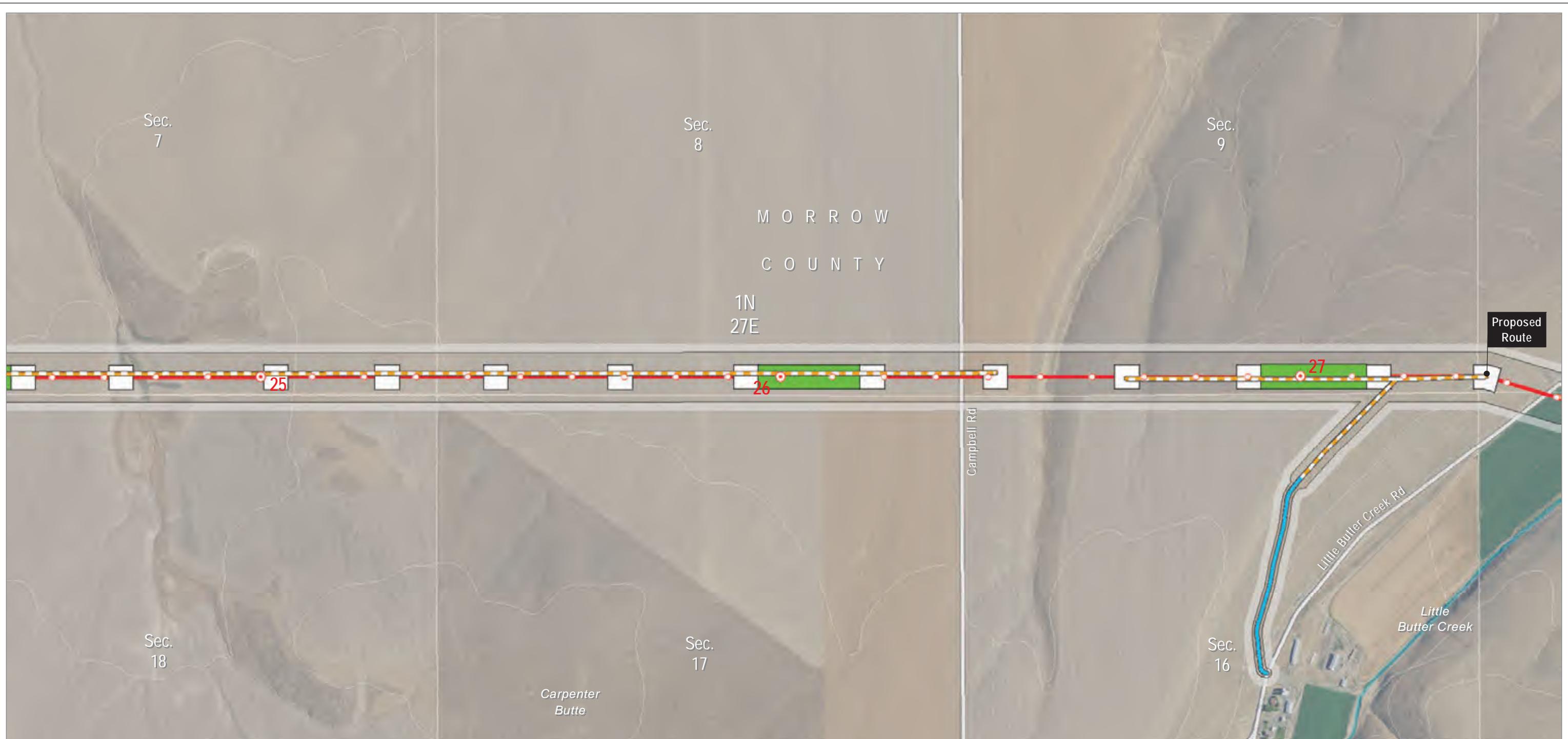


Attachment C-2

Proposed Route Location Maps

Morrow County

Map 11



Map Area

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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASCI\Exhibits\C_Project Location Maps\Attachment C-2\Proposed Route_MORROW_rev 20180613.mxd

Project Features		Important Siting Constraints and Other Features	
<input type="checkbox"/>	Site Boundary	<input type="checkbox"/>	New Road, Primitive
<input type="checkbox"/>	Transmission Centerline	<input type="checkbox"/>	100-foot Contours
Mileposts		<input type="checkbox"/>	Other Road
<input type="checkbox"/>	Mile	<input type="checkbox"/>	Stream
<input type="checkbox"/>	Tenth-mile	<input type="checkbox"/>	Land Status
Work Areas		<input type="checkbox"/>	<input type="checkbox"/> Private
<input type="checkbox"/>	Pulling and Tensioning		
<input type="checkbox"/>	Structure Work Area		
Access			
<input type="checkbox"/>	Existing Road,		
<input type="checkbox"/>	Substantial Modification,		
	71-100% Improvements		

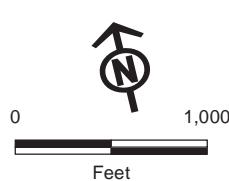
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



**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, GeoEyes, Earthstar Geographics, CNES/Airbus DS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASCI\Exhibits\C_Project Location Maps\Attachment C-2\Proposed Route_MORROW_rev 20180613.mxd

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

Land Status

Private

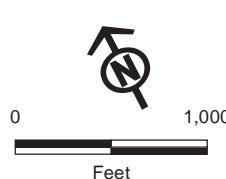
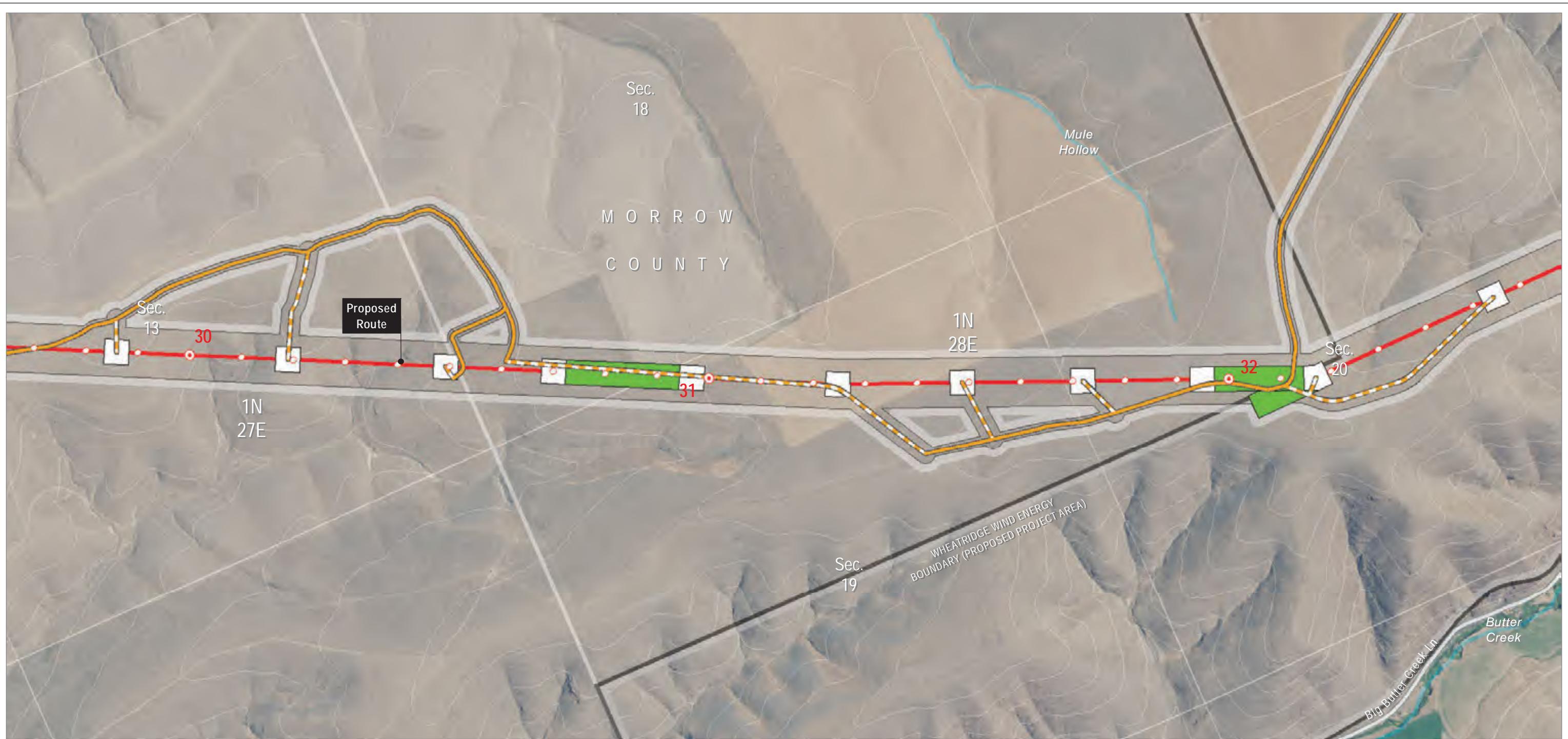
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



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

Morrow County

Map 13



Map Area

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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASCI\Exhibits\Project Location Maps\Attachment C-2\Proposed Route_MORROW_rev 20180613.mxd

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
— Other Road
— Stream
■ Wheatridge Wind Energy (Project Area)
Land Status
□ Private

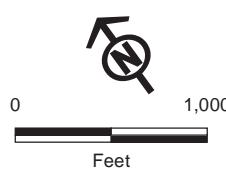
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-2 Proposed Route Location Maps

Morrow County

Map 14



Map Area

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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASCI\Exhibits\C_Project Location Maps\Attachment C-2\Proposed Route_MORROW_rev 20180613.mxd

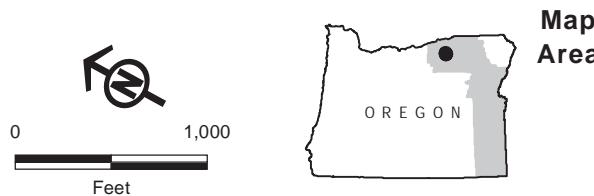
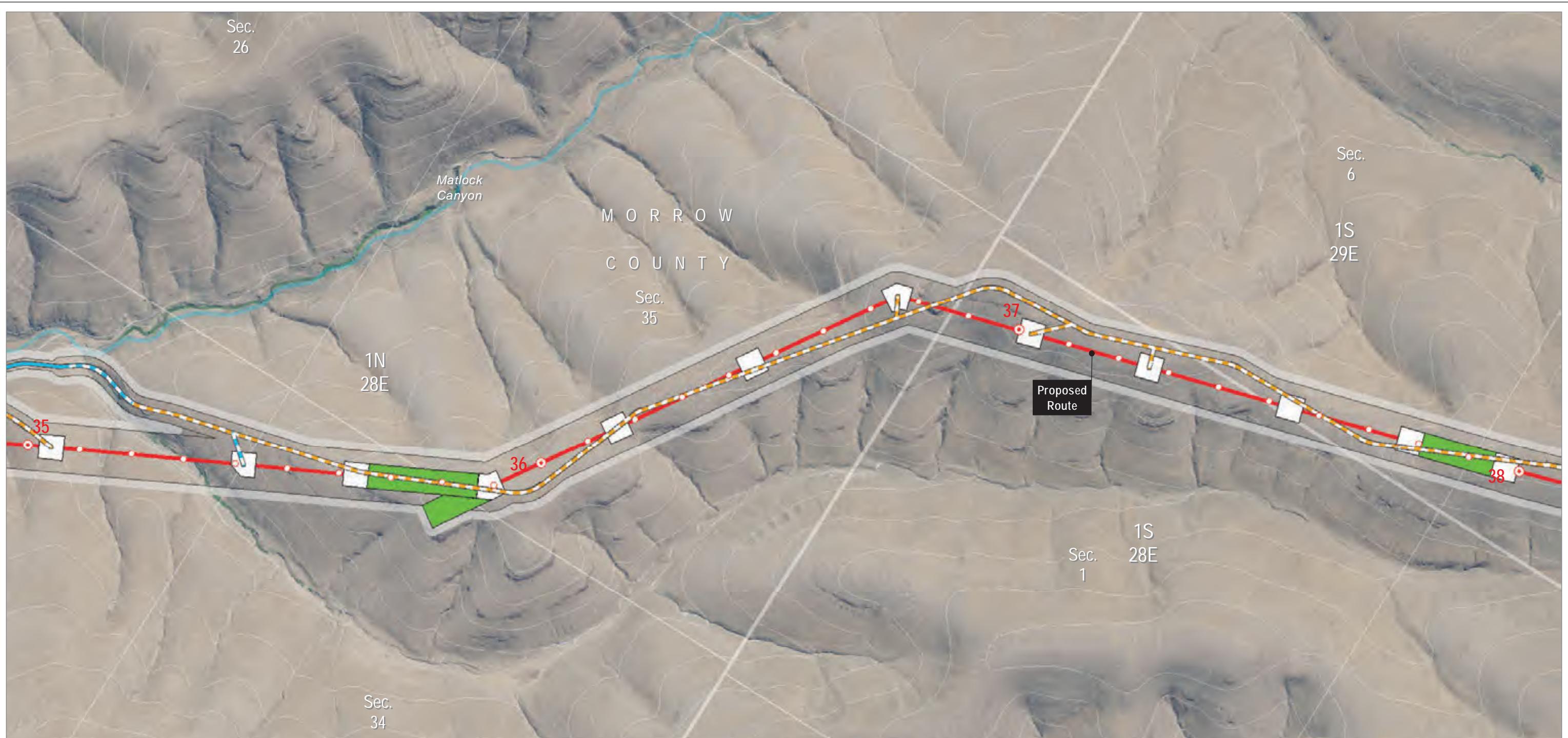
Project Features	
	Site Boundary
	Transmission Centerline
Mileposts	
	Mile
	Tenth-mile
Work Areas	
	Multi-Use Area
	Structure Work Area
Access	
	Existing Road, Substantial Modification, 21-70% Improvements

Land Status	
	Private
Important Siting Constraints and Other Features	
	100-foot Contours
	Other Road
	Stream
	Wheatridge Wind Energy (Project Area)

Boardman to Hemingway Transmission Line Project
Application for Site Certificate



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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASCI\Exhibits\C_Project Location Maps\Attachment C-2\Proposed Route_MORROW_rev 20180613.mxd

Project Features	
	Site Boundary
	Transmission Centerline
	Milepost
	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
	Stream
Land Status	
	Private

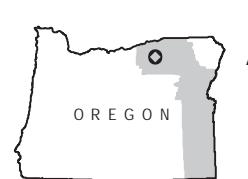
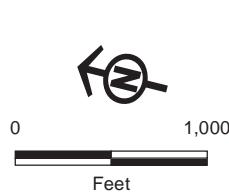
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-2 Proposed Route Location Maps

Morrow County

Map 16



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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASCI\Exhibits\C_Project Location\Maps\Attachment C-2\Proposed Route_MORROW_rev 20180613.mxd

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

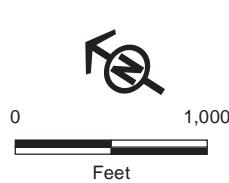
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-2 Proposed Route Location Maps

Morrow 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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASCI\Exhibits\C_Project Location Maps\Attachment C-2\Proposed Route_MORROW_rev 20180613.mxd

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

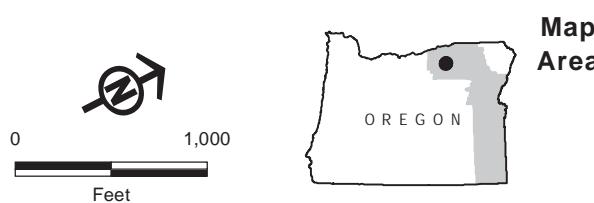
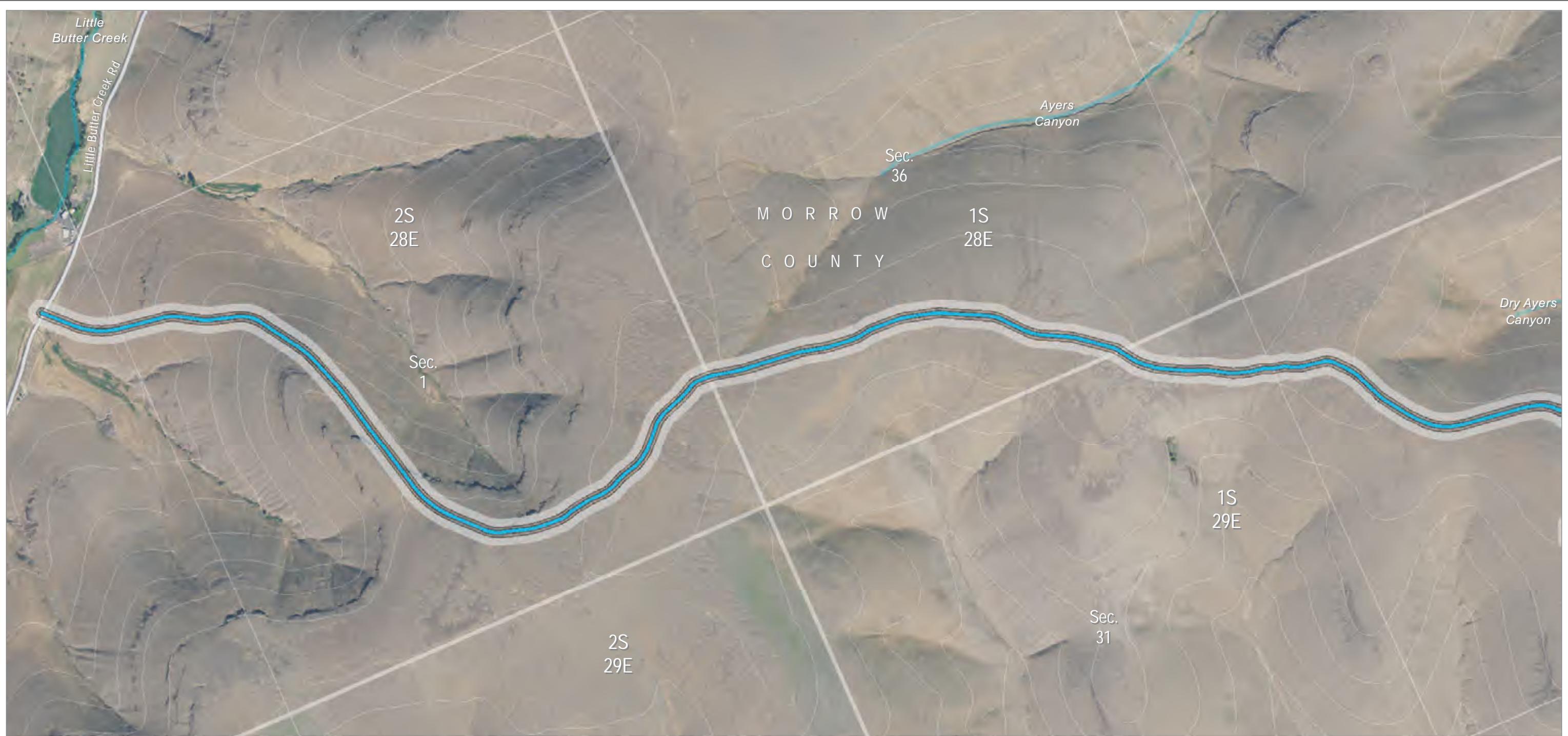
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-2 Proposed Route Location Maps

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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASCI\Exhibits\C_Project Location Maps\Attachment C-2\Proposed Route_MORROW_rev 20180613.mxd

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

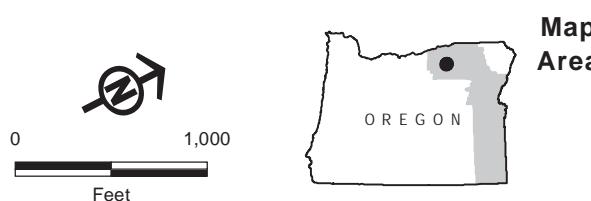
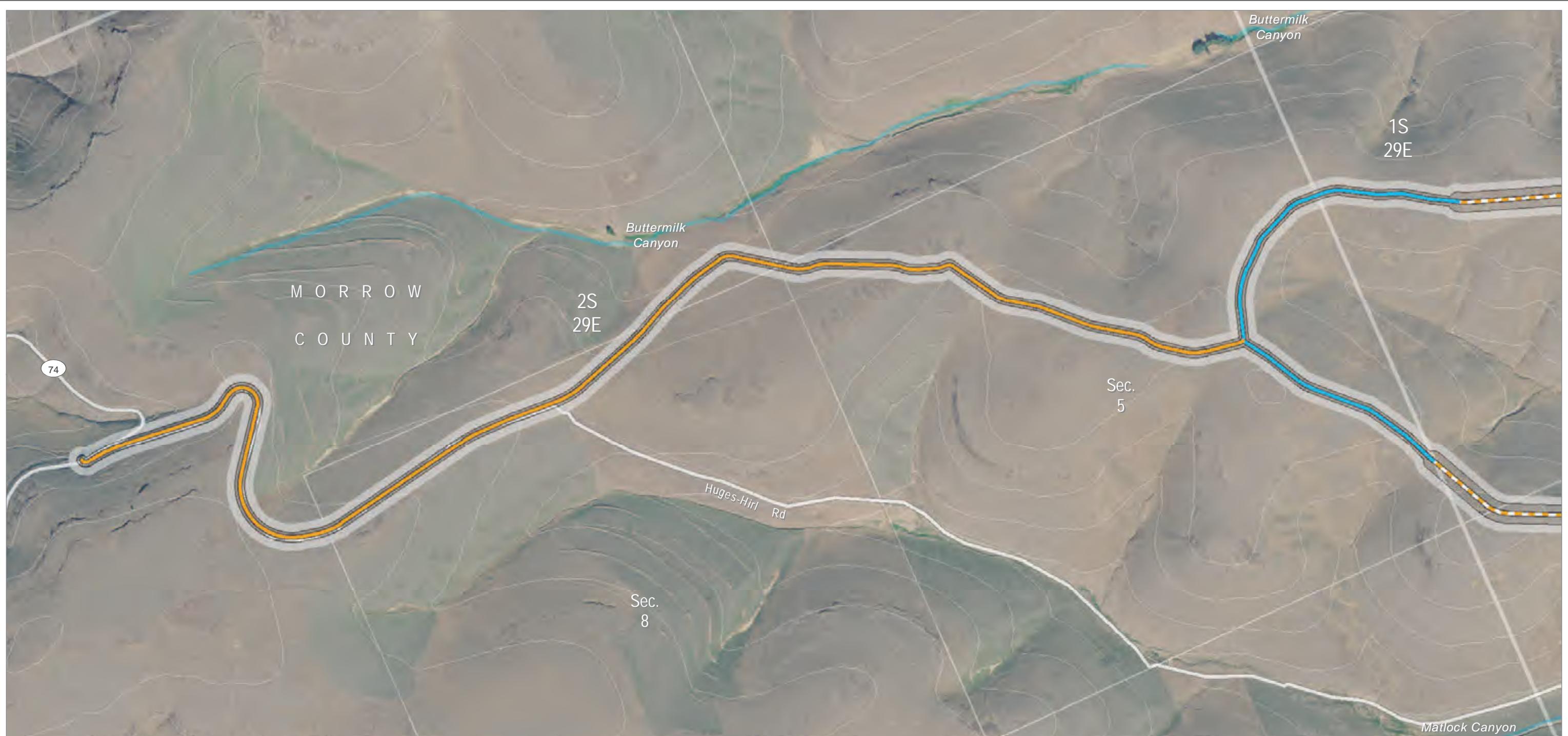
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



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

Morrow County

Map 19



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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASCI\Exhibits\C_Project Location Maps\Attachment C-2\Proposed Route_MORROW_rev 20180613.mxd

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

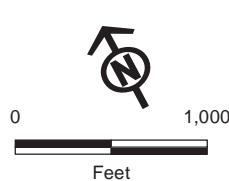
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-2 Proposed Route Location Maps

Morrow County

Map 20



Map Area

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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASCI\Exhibits\C_Project Location Maps\Attachment C-2\Proposed Route_MORROW_rev 20180613.mxd

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

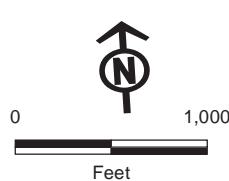
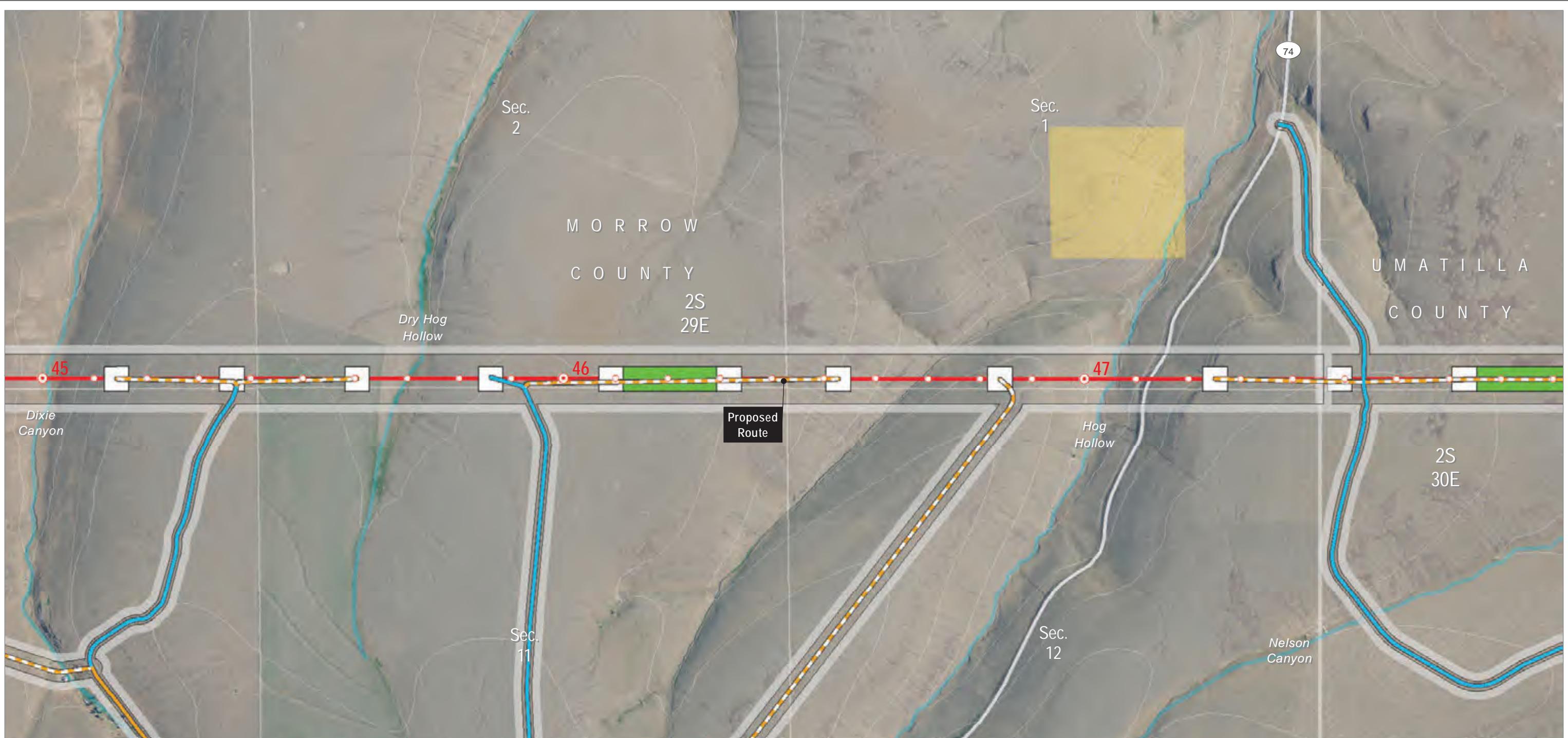
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



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

Morrow County

Map 21



Map Area

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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASCI\Exhibits\C_Project Location Maps\Attachment C-2\Proposed Route_MORROW_rev 20180613.mxd

Project Features	
<input type="checkbox"/>	Site Boundary
<input style="background-color: red; border: 1px solid black; width: 10px; height: 10px; vertical-align: middle;" type="checkbox"/>	Transmission Centerline
Mileposts	
<input style="width: 10px; height: 10px; vertical-align: middle;" type="radio"/>	Mile
<input style="width: 10px; height: 10px; vertical-align: middle;" type="radio"/>	Tenth-mile
Work Areas	
<input style="background-color: green; border: 1px solid black; width: 10px; height: 10px; vertical-align: middle;" type="checkbox"/>	Pulling and Tensioning
<input style="border: 1px solid black; width: 10px; height: 10px; vertical-align: middle;" type="checkbox"/>	Structure Work Area
Access	
<input style="background-color: orange; border: 1px solid black; width: 10px; height: 10px; vertical-align: middle;" type="checkbox"/>	Existing Road, Substantial Modification, 71-100% Improvements
<input style="background-color: orange; border: 1px solid black; width: 10px; height: 10px; vertical-align: middle;" type="checkbox"/>	New Road, Primitive
Important Siting Constraints and Other Features	
<input style="border: 1px solid black; width: 10px; height: 10px; vertical-align: middle;" type="checkbox"/>	100-foot Contours
<input style="border: 1px solid black; width: 10px; height: 10px; vertical-align: middle;" type="checkbox"/>	Other Road
<input style="border: 1px solid black; width: 10px; height: 10px; vertical-align: middle;" type="checkbox"/>	Stream
Land Status	
<input style="background-color: yellow; border: 1px solid black; width: 10px; height: 10px; vertical-align: middle;" type="checkbox"/>	Bureau of Land Management
<input style="border: 1px solid black; width: 10px; height: 10px; vertical-align: middle;" type="checkbox"/>	Private

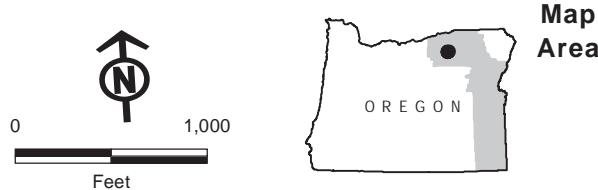
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-2 Proposed Route Location Maps

Morrow County

Map 22



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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASCI\Exhibits\C_Project Location Maps\Attachment C-2\Proposed Route_MORROW_rev 20180613.mxd

Project Features		Important Siting Constraints and Other Features	
Site Boundary		100-foot Contours	
Work Areas		Other Road	
Multi-Use Area		Stream	
Access		Land Status	
Existing Road,		Private	
Substantial Modification, 21-70% Improvements			
Existing Road,			
Substantial Modification, 71-100% Improvements			
New Road, Primitive			

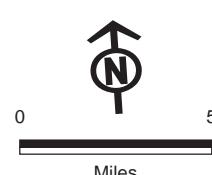
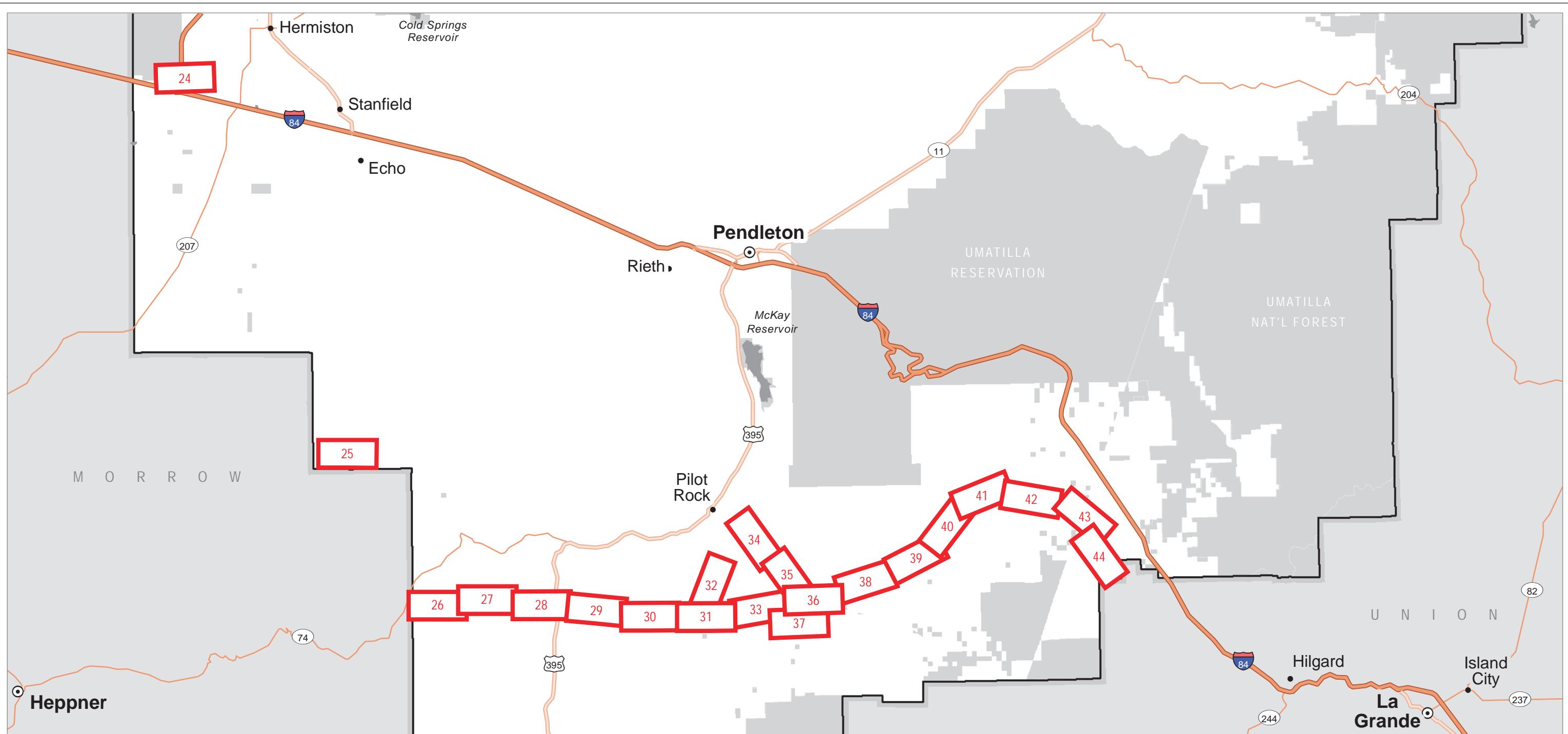
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-2 Proposed Route Location Maps

Morrow County

Map 23



Source(s): BLM, IPC, Esri

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASC\Exhibits\C_Project Location\Maps\Attachment C-2\Index_Umatilla.mxd

Map Index
■ Location Map (Map #)

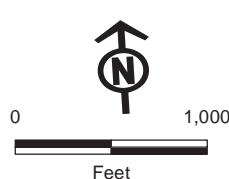
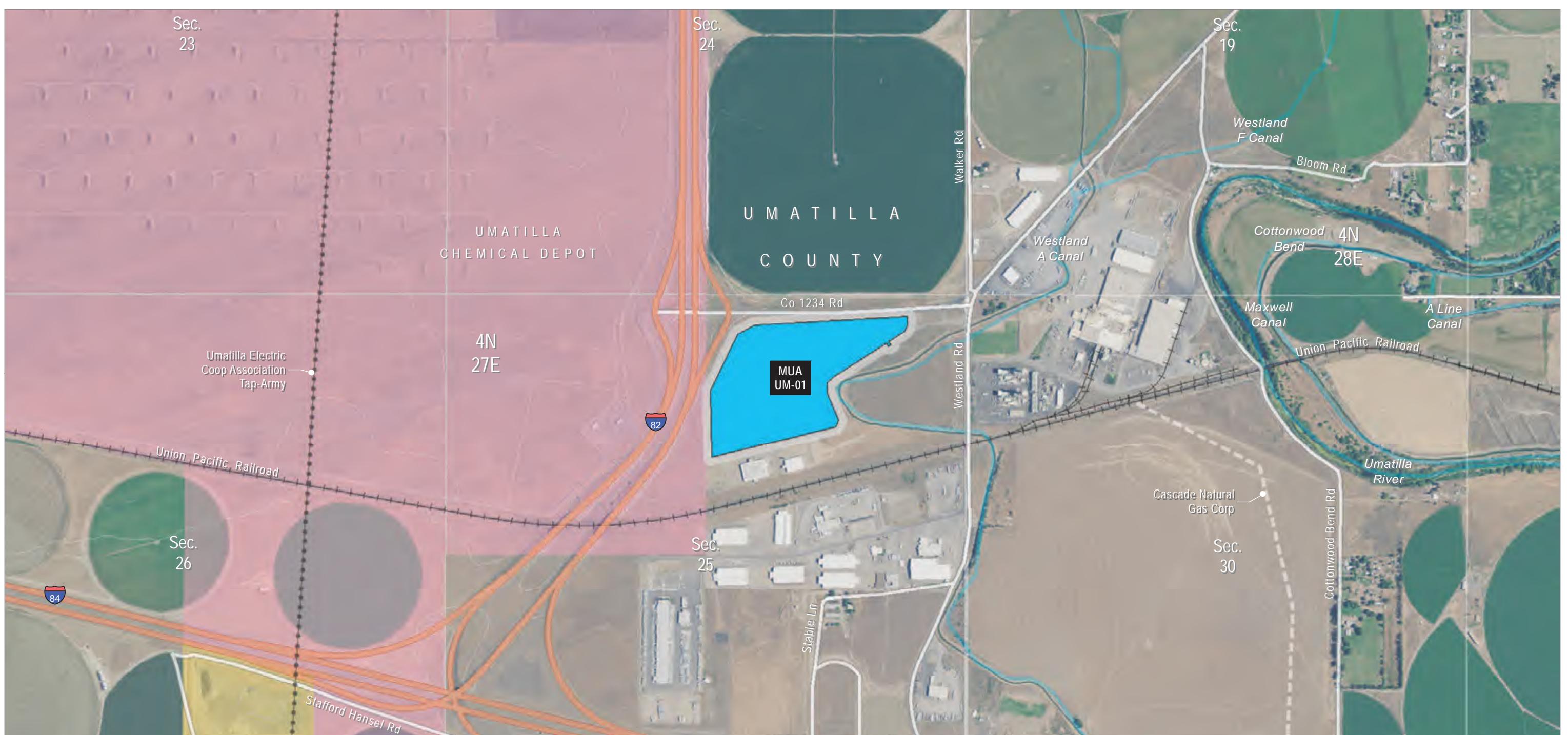
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-2 Proposed Route Location Maps

Umatilla County

Map Index



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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASCI\Exhibits\C_Project Location Maps\Attachment C-2\Proposed Route_UMATILLA_rev 20180612.mxd

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

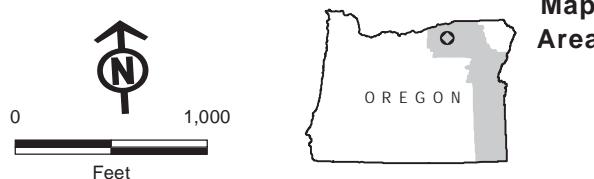
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



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

Umatilla County

Map 24



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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASCI\Exhibits\C_Project Location Maps\Attachment C-2\Proposed Route_UMATILLA_rev 20180612.mxd

Project Features

- Site Boundary
- Work Areas
- Multi-Use Area

Important Siting Constraints and Other Features

- 100-foot Contours
- Other Road
- Stream

Land Status

- Private

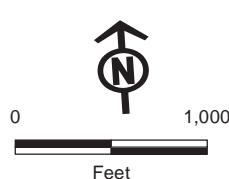
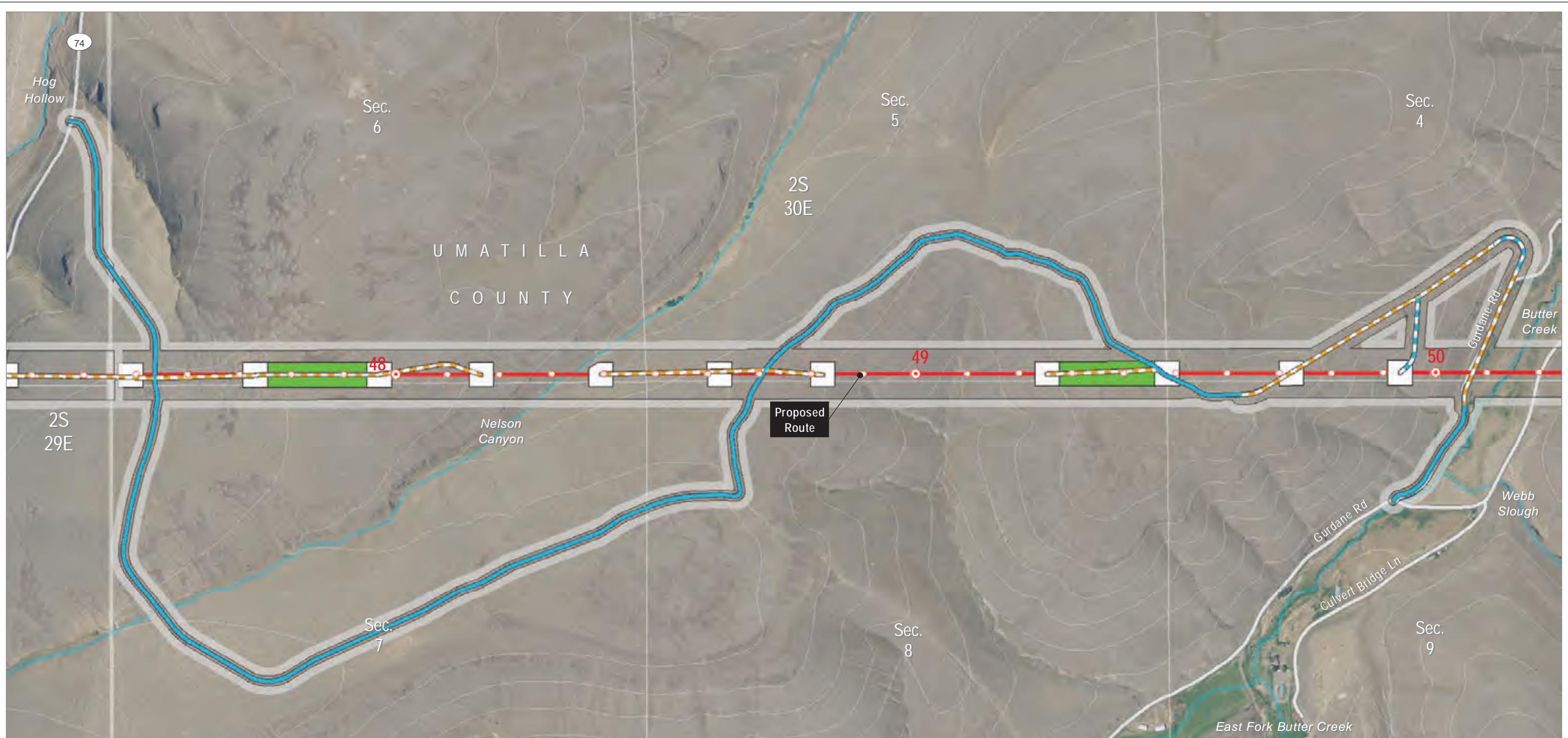
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-2 Proposed Route Location Maps

Umatilla County

Map 25



Map Area

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

Z:\Util\Serv\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASCI\Exhibits\C_Project Location Maps\Attachment C-2\Proposed Route_UMATILLA_rev 20180612.mxd

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, Bladed
	New Road, Primitive
	100-foot Contours
	Other Road
	Stream
Land Status	
	Private

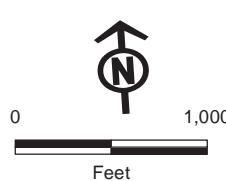
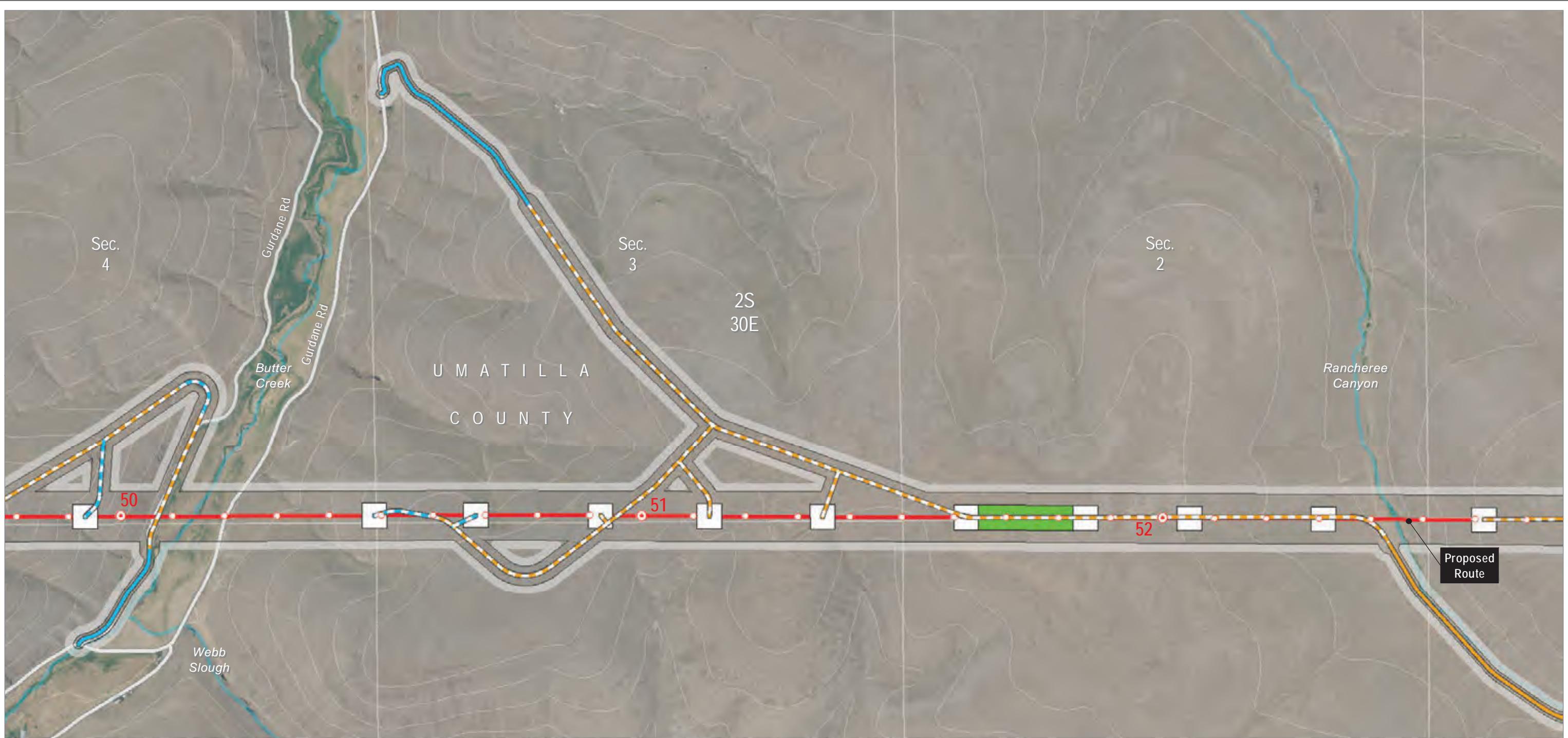
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-2 Proposed Route Location Maps

Umatilla County

Map 26



Map Area

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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASCI\Exhibits\C_Project Location Maps\Attachment C-2\Proposed Route_UMATILLA_rev 20180612.mxd

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

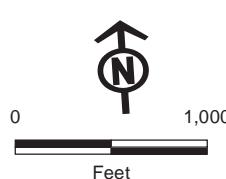
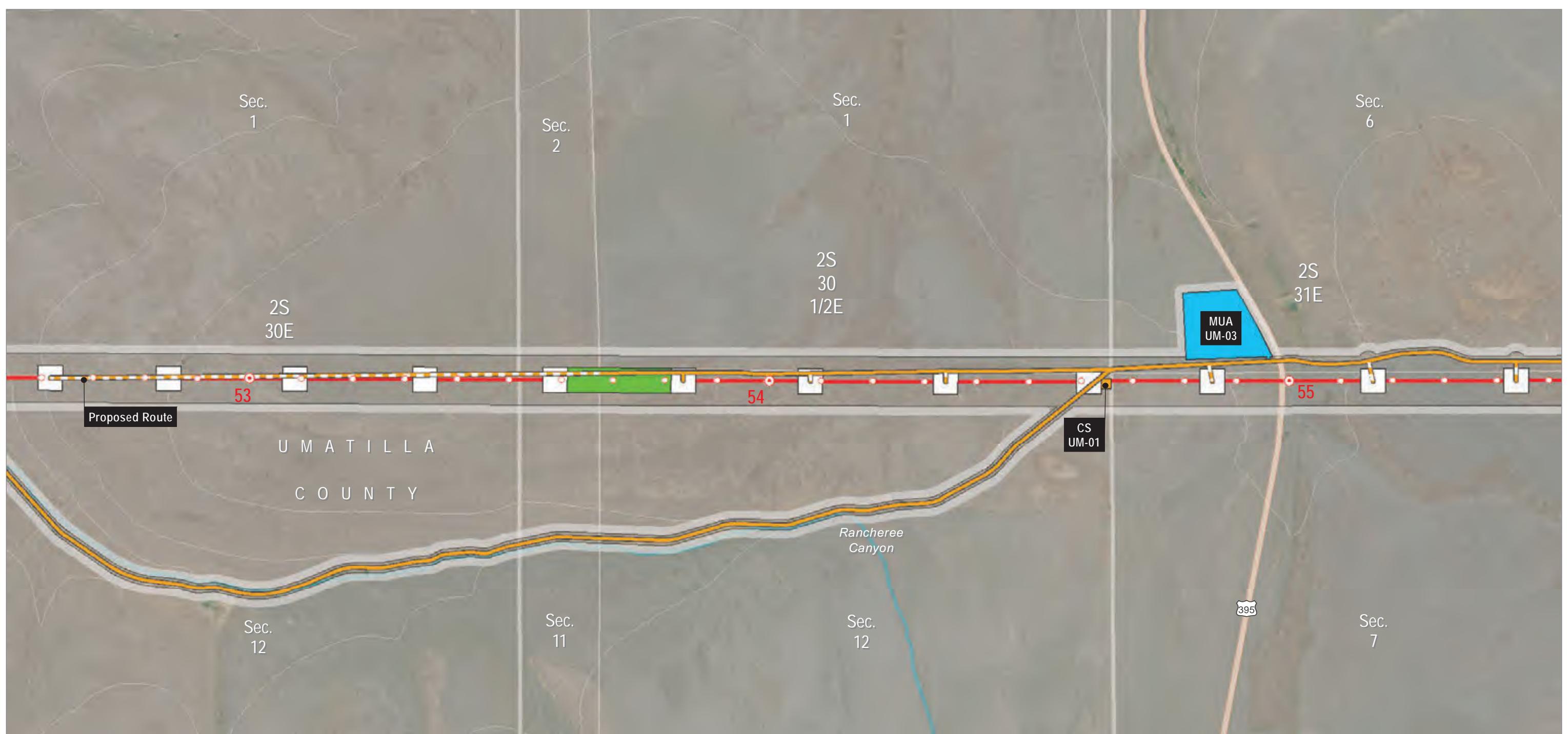
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-2 Proposed Route Location Maps

Umatilla County

Map 27



Map Area

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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASCI\Exhibits\C_Project Location Maps\Attachment C-2\Proposed Route_UMATILLA_rev 20180612.mxd

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

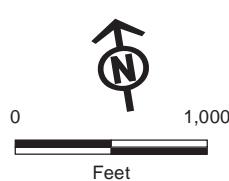
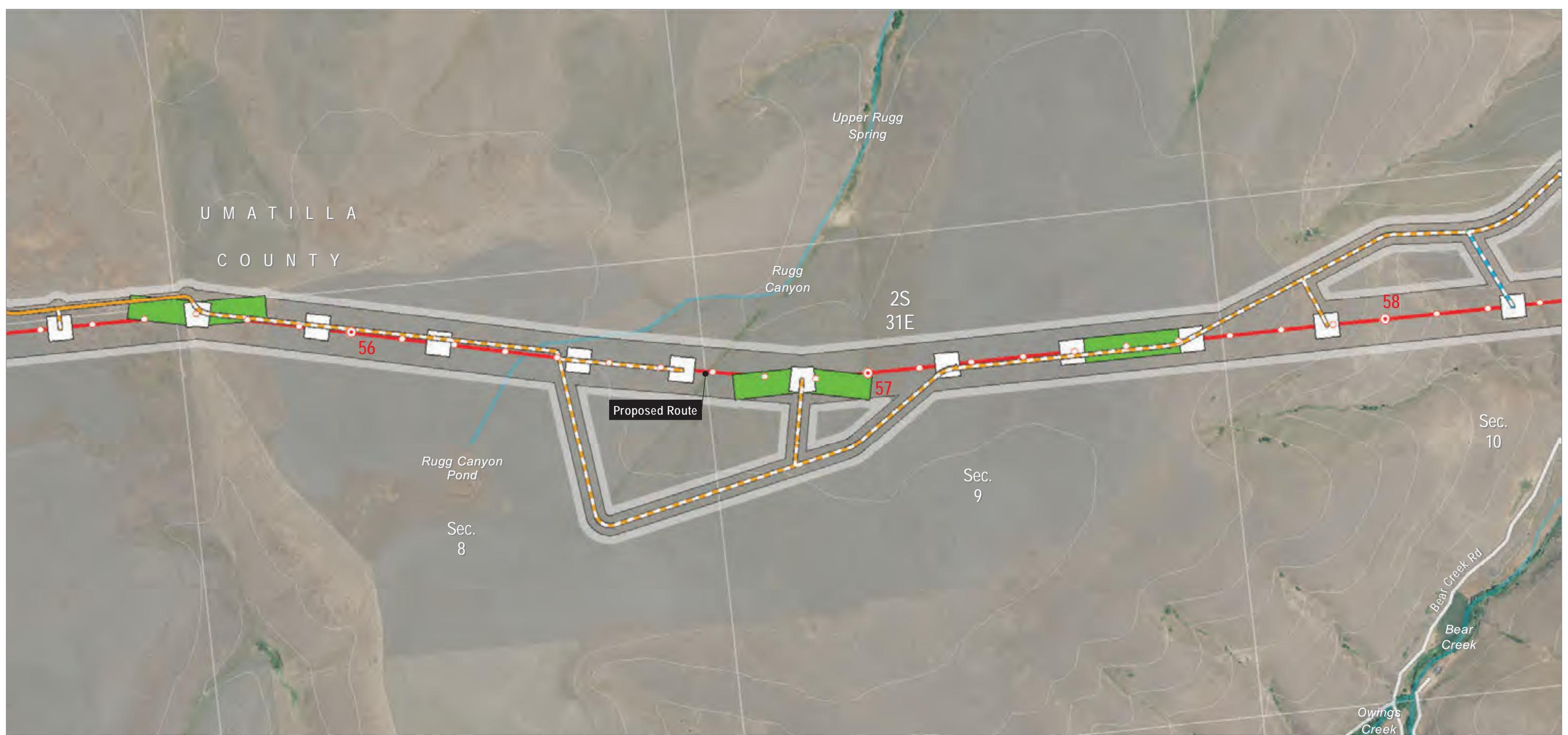
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



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

Umatilla County

Map 28



Map Area

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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASCI\Exhibits\C_Project Location Maps\Attachment C-2\Proposed Route_UMATILLA_rev 20180612.mxd

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	
Private	□

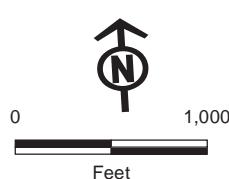
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-2 Proposed Route Location Maps

Umatilla County

Map 29



Map Area

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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASCI\Exhibits\C_Project Location Maps\Attachment C-2\Proposed Route_UMATILLA_rev 20180612.mxd

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

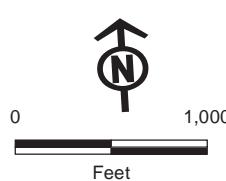
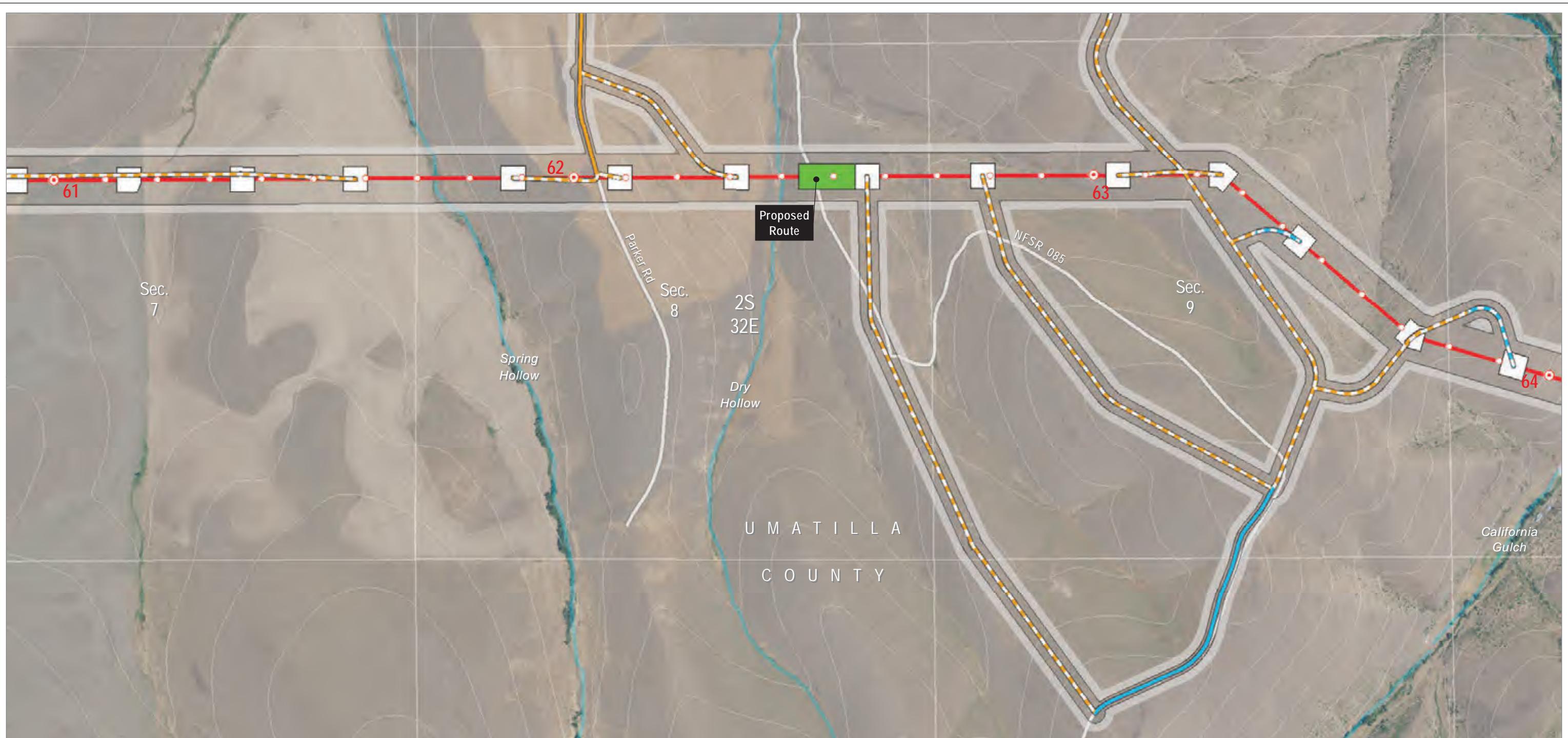
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-2 Proposed Route Location Maps

Umatilla County

Map 30



Map Area

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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASCI\Exhibits\C_Project Location Maps\Attachment C-2\Proposed Route_UMATILLA_rev 20180612.mxd

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

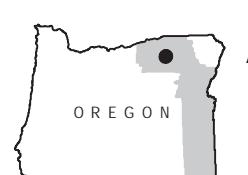
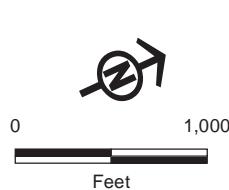
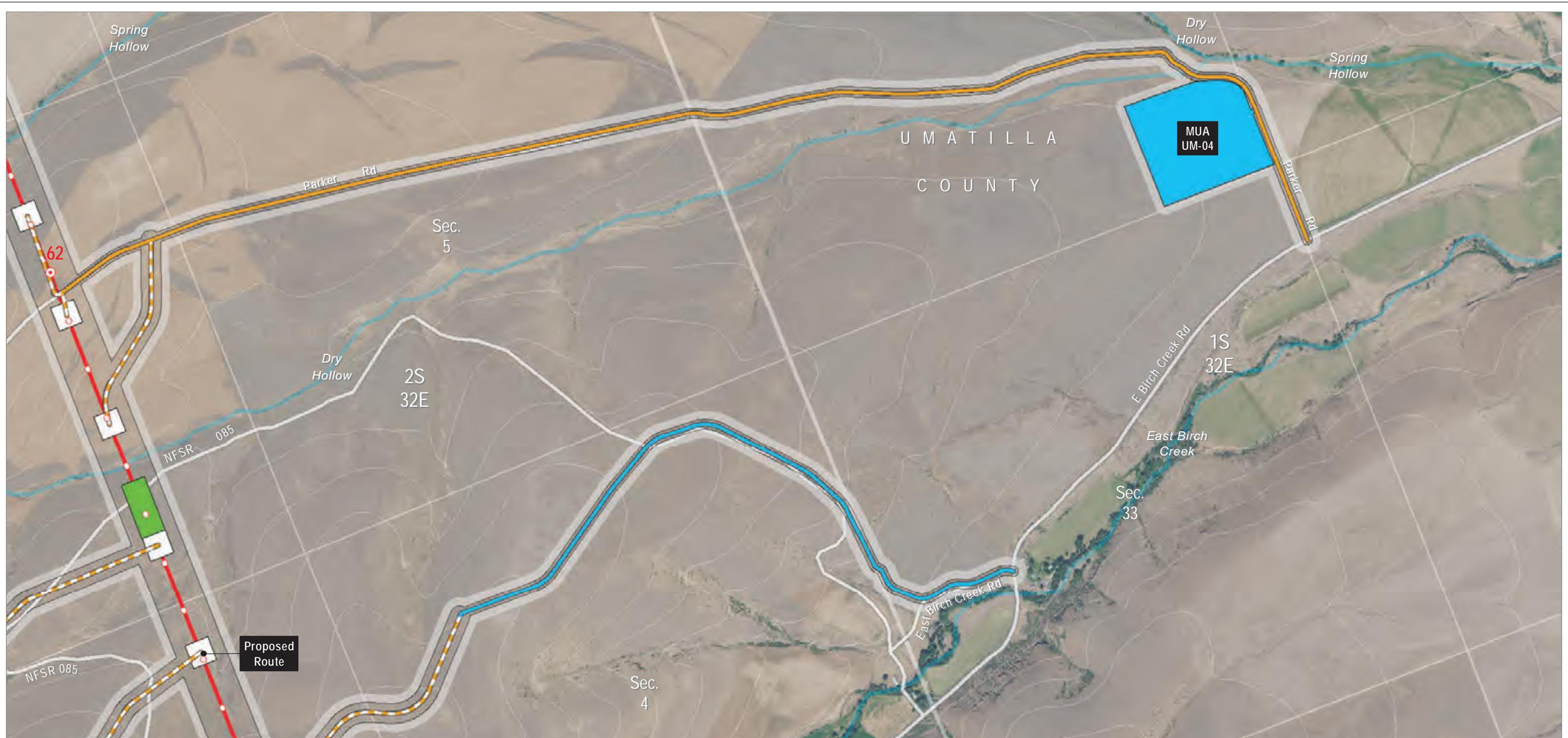
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-2 Proposed Route Location Maps

Umatilla County

Map 31



Map Area

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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASCI\Exhibits\C_Project Location Maps\Attachment C-2\Proposed Route_UMATILLA_rev 20180612.mxd

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

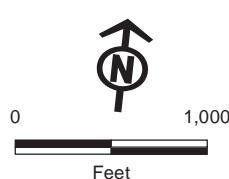
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



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

Umatilla County

Map 32



Map Area

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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASCI\Exhibits\C_Project Location Maps\Attachment C-2\Proposed Route_UMATILLA_rev 20180612.mxd

Project Features	
	Site Boundary
	Transmission Centerline
	Milepost
	Mile
	Tenth-mile
	Work Areas
	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

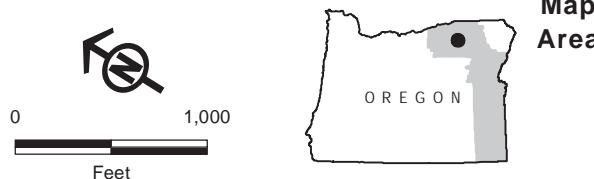
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-2 Proposed Route Location Maps

Umatilla County

Map 33



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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASCI\Exhibits\C_Project Location Maps\Attachment C-2\Proposed Route_UMATILLA_rev 20180612.mxd

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

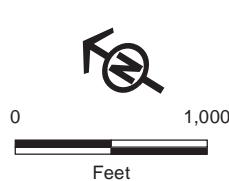
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



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

Umatilla County

Map 34



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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASCI\Exhibits\C_Project Location Maps\Attachment C-2\Proposed Route_UMATILLA_rev 20180612.mxd

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

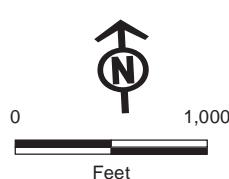
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-2 Proposed Route Location Maps

Umatilla County

Map 35



Map Area

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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASCI\Exhibits\C_Project Location Maps\Attachment C-2\Proposed Route_UMATILLA_rev 20180612.mxd

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

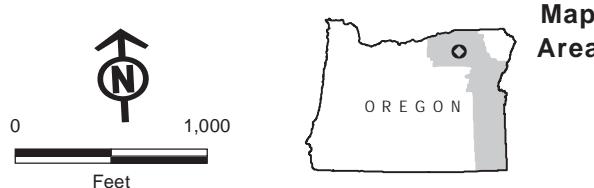
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-2 Proposed Route Location Maps

Umatilla County

Map 36



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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASCI\Exhibits\C_Project Location Maps\Attachment C-2\Proposed Route_UMATILLA_rev 20180612.mxd

Project Features

- Site Boundary
- Work Areas
- Multi-Use Area

Important Siting Constraints and Other Features

- ~~ 100-foot Contours
- Other Road
- ~~ Stream

Land Status

- Private

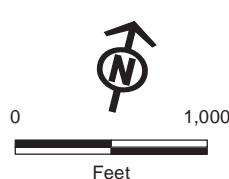
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



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, GeoEyes, Earthstar Geographics, CNES/Airbus DS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASCI\Exhibits\C_Project Location Maps\Attachment C-2\Proposed Route_UMATILLA_rev 20180612.mxd

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

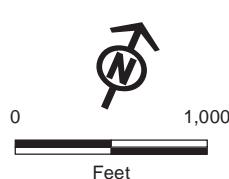
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASCI\Exhibits\C_Project Location Maps\Attachment C-2\Proposed Route_UMATILLA_rev 20180612.mxd

Project Features		Access	Land Status
	Site Boundary	Existing Road, Substantial Modification, 21-70% Improvements	
	Transmission Centerline	Existing Road, Substantial Modification, 71-100% Improvements	
	Milepost	New Road, Primitive	
●	Mile		
○	Tenth-mile		
Work Areas		Important Siting Constraints and Other Features	
	Multi-Use Area	100-foot Contours	
	Pulling and Tensioning	Other Road	
	Structure Work Area	Stream	

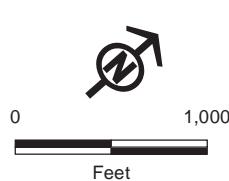
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-2 Proposed Route Location Maps

Umatilla County

Map 39



Map Area

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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASCI\Exhibits\C_Project Location Maps\Attachment C-2\Proposed Route_UMATILLA_rev 20180612.mxd

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

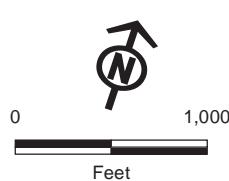
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



**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, GeoEyes, Earthstar Geographics, CNES/Airbus DS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASCI\Exhibits\C_Project Location Maps\Attachment C-2\Proposed Route_UMATILLA_rev 20180612.mxd

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

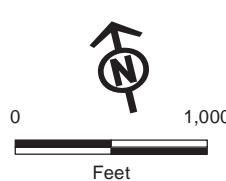
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



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

Umatilla County

Map 41



Map Area

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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASCI\Exhibits\C_Project Location Maps\Attachment C-2\Proposed Route_UMATILLA_rev 20180612.mxd

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

Existing Road,
Substantial Modification,
71-100% Improvements

New Road, Bladed

New Road, Primitive

100-foot Contours
Other Road

Stream

Land Status
Private

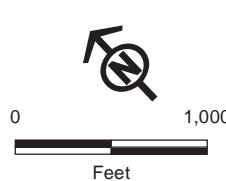
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-2 Proposed Route Location Maps

Umatilla County

Map 42



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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASCI\Exhibits\C_Project Location Maps\Attachment C-2\Proposed Route_UMATILLA_rev 20180612.mxd

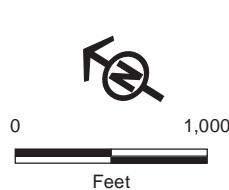
Project Features
■ Site Boundary
— Transmission Centerline
Mileposts
● Mile
○ Tenth-mile
Work Areas
 Pulling and Tensioning
□ Structure Work Area
Access
— Existing Road, Substantial Modification, 21-70% Improvements

Land Status
 Indian Reservation
□ Private
Important Siting Constraints and Other Features
— 100-foot Contours
— Other Road
— Railroad
— Stream

Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-2
Proposed Route Location Maps
Umatilla County
Map 43



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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASCI\Exhibits\C_Project Location Maps\Attachment C-2\Proposed Route_UMATILLA_rev 20180612.mxd

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

Stream
Land Status
■ Indian Reservation
■ Private

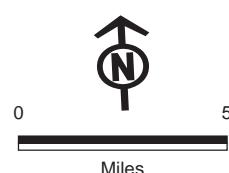
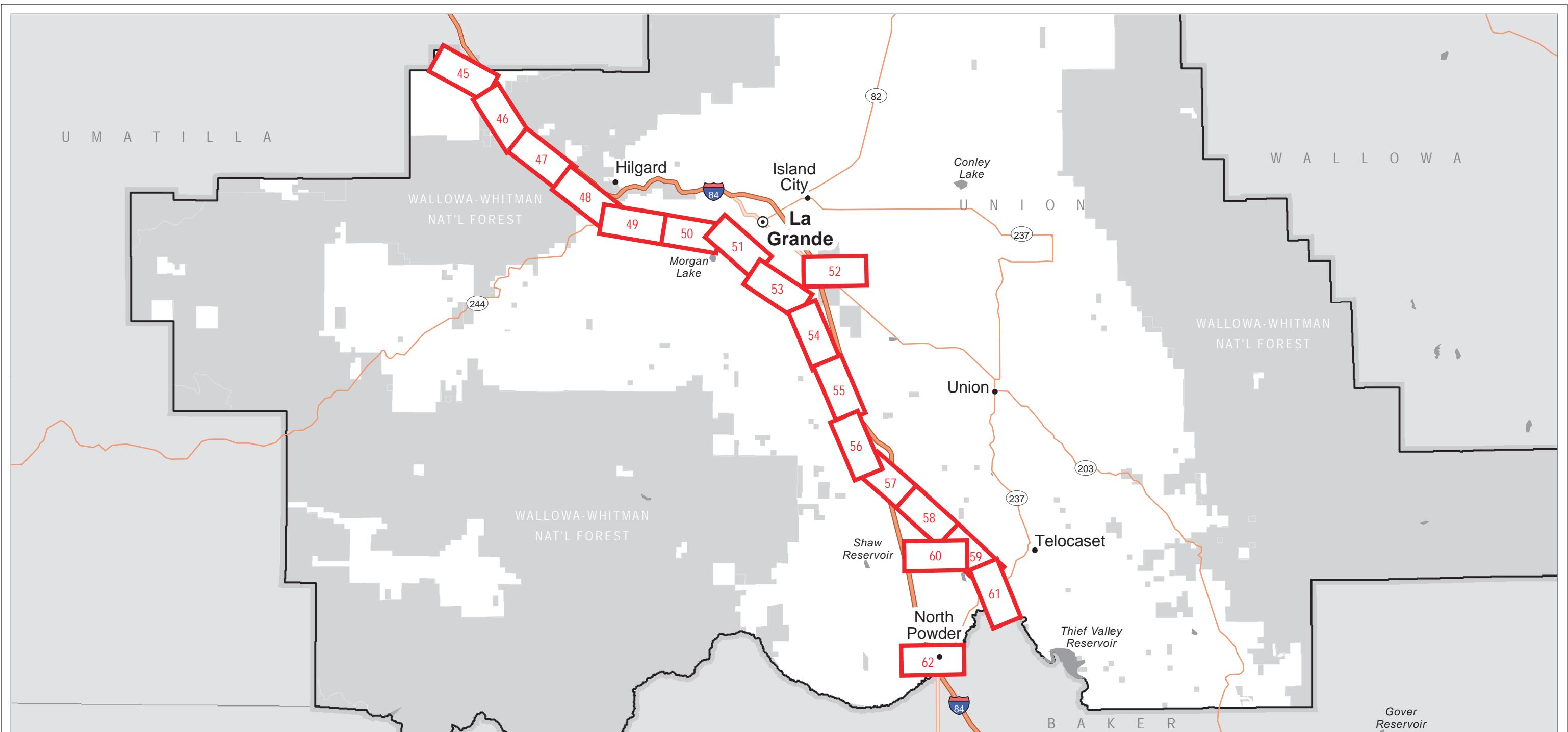
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



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

Umatilla County

Map 44



Map Area

Source(s): BLM, IPC, Esri

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASCI\Exhibits\C_Project Location\Maps\Attachment C-2\Index_Union.mxd

Map Index

■ Location Map (Map #)

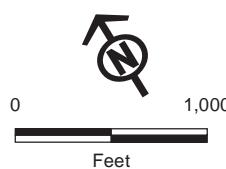
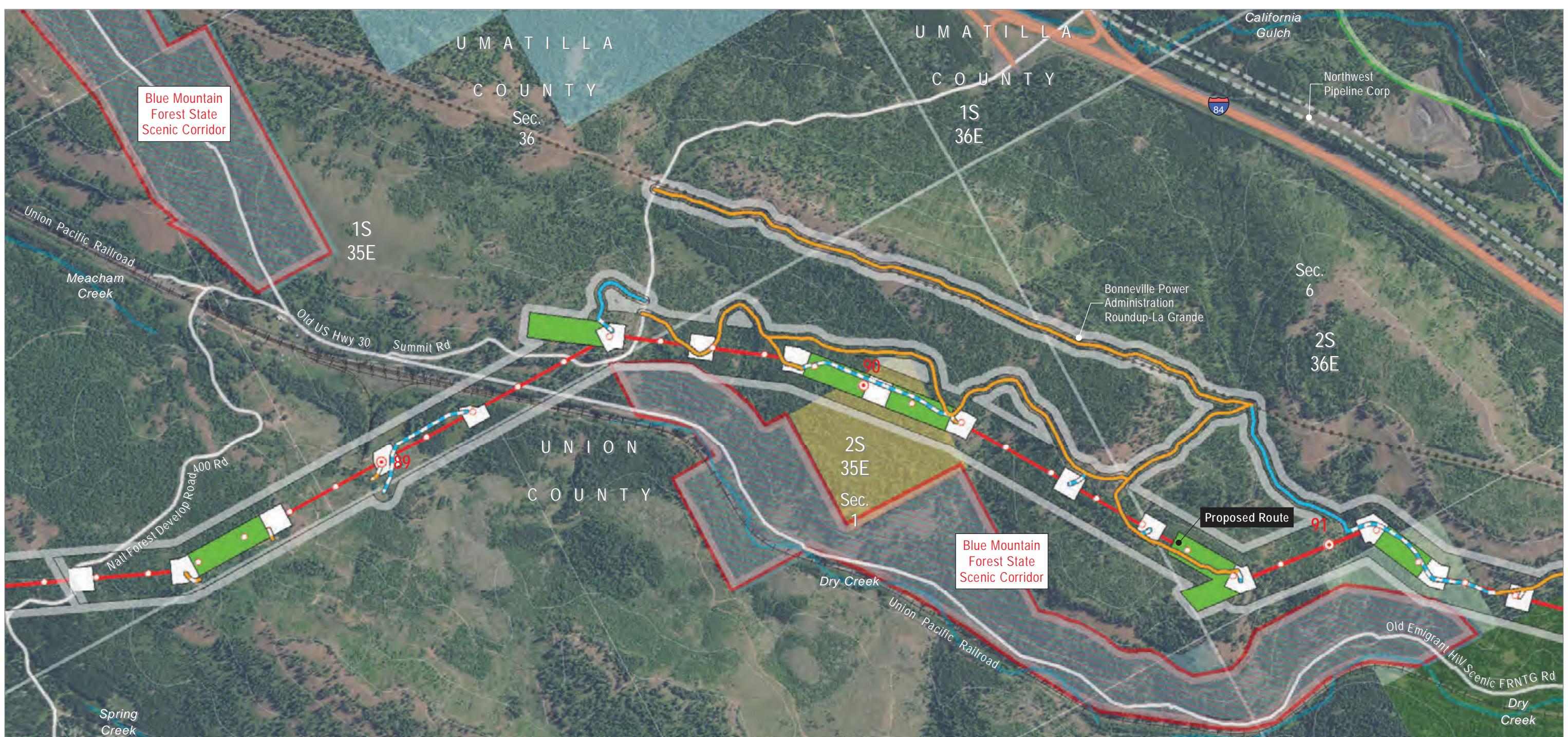
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-2
Proposed Route Location Maps

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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASCI\Exhibits\C_Project Location Maps\Attachment C-2\Proposed Route_UNION_rev 20180612.mxd

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

- Railroad
- Stream
- Wallowa-Whitman NF
- Utility Corridor (MA-17)
- Oregon NHT Intact
- Segment (1/4-mile buffer)
- Protected Area (EFSC)
- 100-foot Contours
- Existing Transmission Lines
- Pipeline
- Interstate
- Road

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

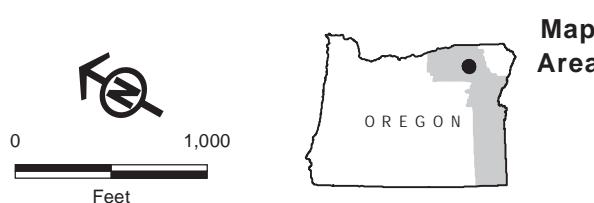
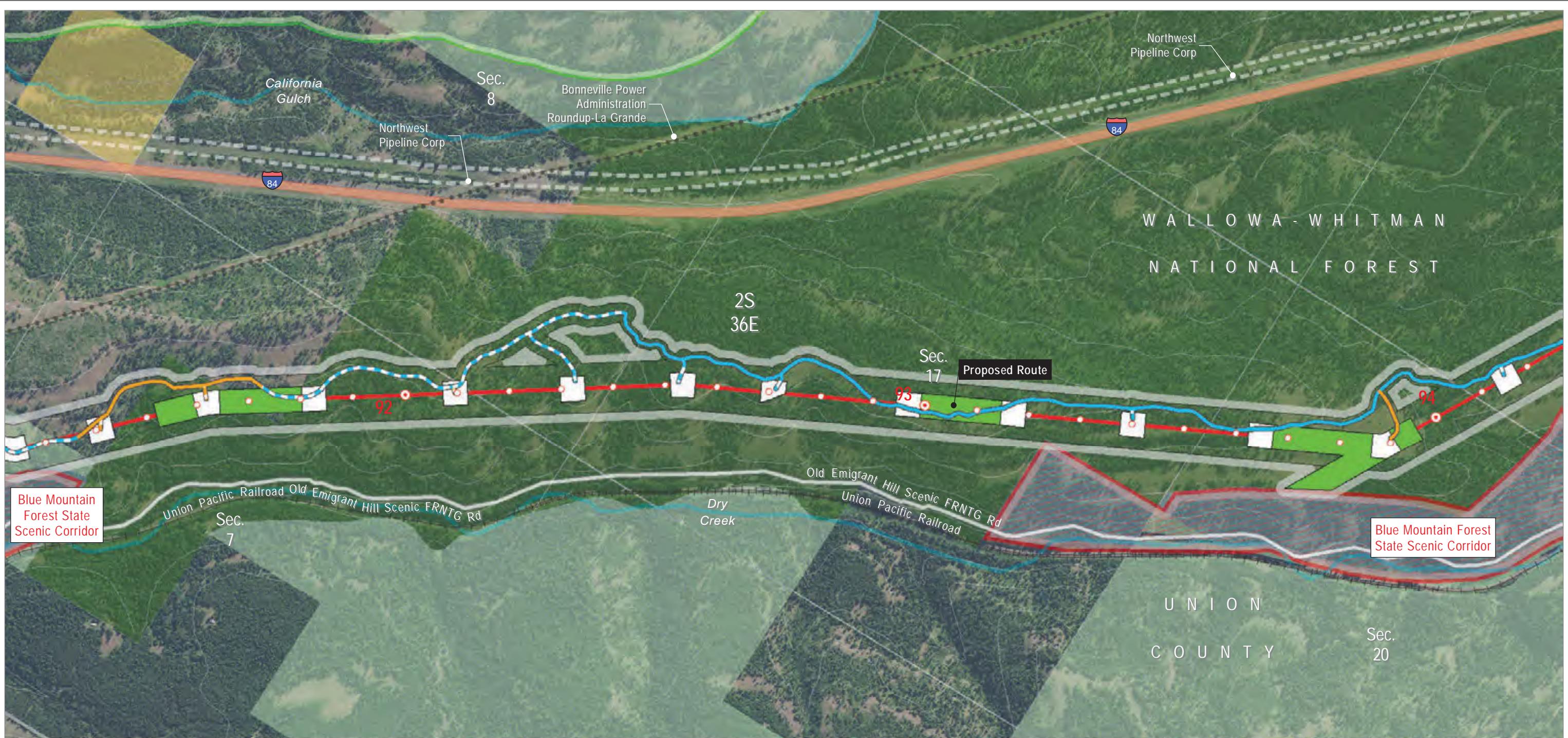
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



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

Union County

Map 45



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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASCI\Exhibits\C_Project Location\Maps\Attachment C-2\Proposed Route_UNION_rev 20180612.mxd

Project Features		Important Siting Constraints and Other Features		Land Status	
	Site Boundary		100-foot Contours		Bureau of Land Management
	Transmission Centerline		Existing Transmission Lines		Forest Service
	Milepost		Pipeline		Interstate
	Mile		Substantial Modification, 71-100% Improvements		Road
	Tenth-mile		New Road, Bladed		Private
	Work Areas		New Road, Primitive		Protected Area (EFSC)
	Access		Utility Corridor (MA-17)		State or Local Parks and Recreation or Wildlife
	Existing Road, Substantial Modification, 21-70% Improvements		Oregon NHT Intact Segment (1/4-mile buffer)		

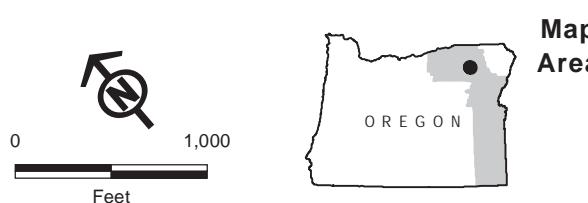
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-2 Proposed Route Location Maps

Union County

Map 46



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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASCI\Exhibits\C_Project Location Maps\Attachment C-2\Proposed Route_UNION_rev 20180612.mxd

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
	Protected Area (EFSC)
	Important Siting Constraints and Other Features
	100-foot Contours
	Existing Transmission Lines
	Pipeline
	Interstate
	Road

	Railroad
	Stream
	Wallowa-Whitman NF Utility Corridor (MA-17)
	Forest Service
	Private
	State or Local Parks and Recreation or Wildlife

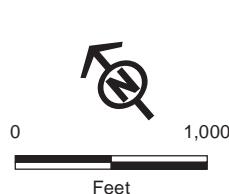
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-2 Proposed Route Location Maps

Union County

Map 47



Map Area

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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASCI\Exhibits\C_Project Location Maps\Attachment C-2\Proposed Route_UNION_rev 20180612.mxd

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

■ Protected Area (EFSC)

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

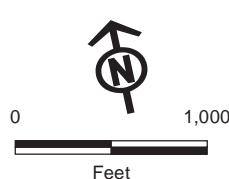
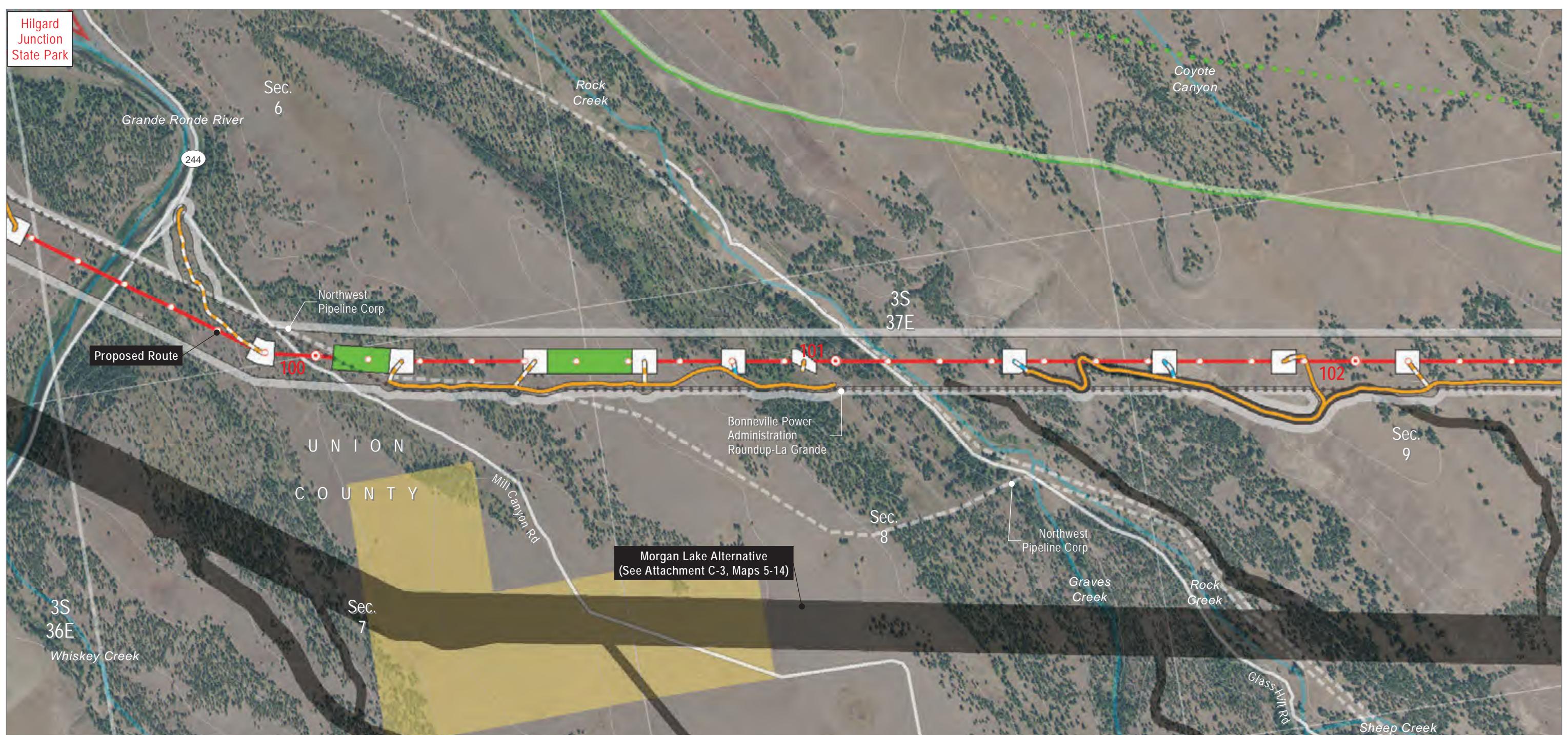
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



**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, GeoEyes, Earthstar Geographics, CNES/Airbus DS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASCI\Exhibits\C_Project Location\Maps\Attachment C-2\Proposed Route_UNION_rev 20180612.mxd

Project Features

- Site Boundary
- Alternative
- Transmission Centerline

Mileposts

- Mile
- Tenth-mile

Work Areas

- Pulling and Tensioning
- Structure Work Area

Important Siting Constraints and Other Features

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

Access

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

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

Protected Area (EFSC)

Land Status

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

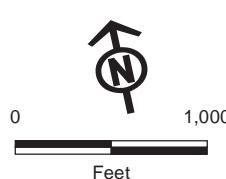
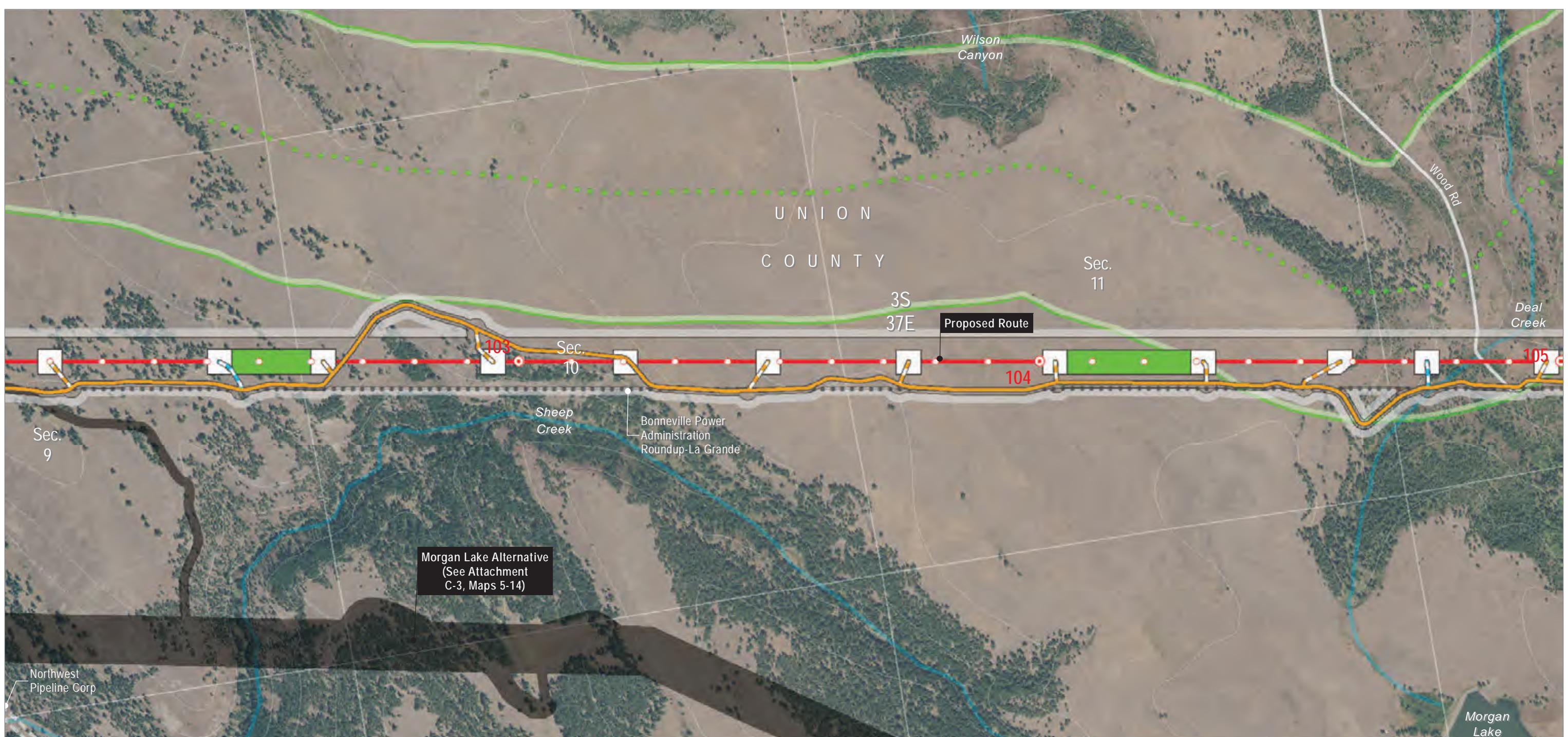
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASCI\Exhibits\C_Project Location Maps\Attachment C-2\Proposed Route_UNION_rev 20180612.mxd

Project Features
■ Site Boundary
■ Alternative
— Transmission Centerline
Mileposts
● Mile
○ Tenth-mile
Work Areas
■ Pulling and Tensioning
□ Structure Work Area

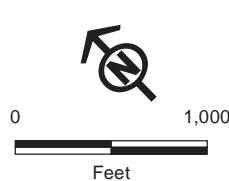
Access
— Existing Road, Substantial Modification, 21-70% Improvements
— New Road, Bladed
— New Road, Primitive
Important Siting Constraints and Other Features
~ 100-foot Contours
● Existing Transmission Lines
● Oregon National Historic Trail (NHT)

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



Map Area

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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASCI\Exhibits\C_Project Location Maps\Attachment C-2\Proposed Route_UNION_rev 20180612.mxd

Project Features
■ Site Boundary
— Transmission Centerline
Mileposts
● Mile
○ Tenth-mile
Work Areas
■ Communication Station
■ Pulling and Tensioning
□ Structure Work Area

Access
● Existing Transmission Lines
— 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

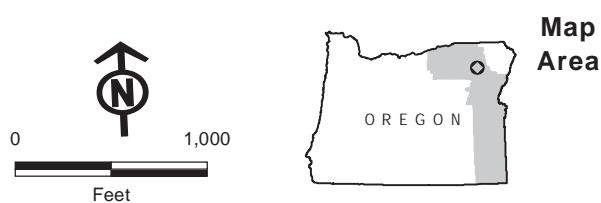
● Existing Transmission Lines
● Oregon National Historic Trail (NHT)
— Pipeline
— Road
— Stream
■ City Limits
— Oregon NHT Intact
■ Segment (1/4-mile buffer)
Land Status
□ Private

Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-2
Proposed Route Location Maps
Union County
Map 51

This page intentionally left blank.



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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASCI\Exhibits\03_Project Location\Maps\Attachment C-2\Proposed Route_UNION_rev 20180611.mxd

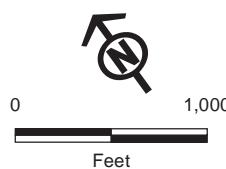
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



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

Union County

Map 52



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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASCI\Exhibits\C_Project Location Maps\Attachment C-2\Proposed Route_UNION_rev 20180612.mxd

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
- Airport Controlled Airspace (Height Restrictions Apply)
- Protected Area (EFSC)
- 100-foot Contours
- Existing Transmission Lines
- Pipeline
- Road
- Scenic Byway (Type)
- Stream

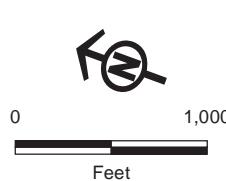
Land Status

- 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 53



Map Area

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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASCI\Exhibits\C_Project Location Maps\Attachment C-2\Proposed Route_UNION_rev 20180612.mxd

Project Features		Access		Scenic Byway (Type)
<input type="checkbox"/>	Site Boundary	<input type="checkbox"/>	Existing Road,	Airport Controlled
<input checked="" type="checkbox"/>	Alternative	<input type="checkbox"/>	Substantial Modification,	Airspace (Height
<input type="checkbox"/>	Transmission Centerline	<input type="checkbox"/>	21-70% Improvements	Restrictions Apply)
		<input type="checkbox"/>	New Road, Bladed	Oregon NHT Intact
		<input type="checkbox"/>	New Road, Primitive	Segment (1/4-mile buffer)
				<u>Important Siting Constraints and Other Features</u>
				<input type="checkbox"/> 100-foot Contours
				<input type="checkbox"/> Existing Transmission Lines
				<input type="checkbox"/> State or Local Parks and Recreation or Wildlife
				<input type="checkbox"/> Pipeline
				<input type="checkbox"/> Road

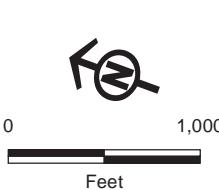
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-2 Proposed Route Location Maps

Union County

Map 54



Map Area

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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASCI\Exhibits\C_Project Location Maps\Attachment C-2\Proposed Route_UNION_rev 20180612.mxd

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

— Interstate

— Road

— Stream

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

Land Status

□ Private

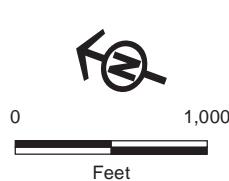
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



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

Union County

Map 55



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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASCI\Exhibits\C_Project Location Maps\Attachment C-2\Proposed Route_UNION_rev 20180612.mxd

Project Features
■ Site Boundary
■ Alternative
— Transmission Centerline
Mileposts
● Mile
○ Tenth-mile
Work Areas
■ Pulling and Tensioning
□ Structure Work Area

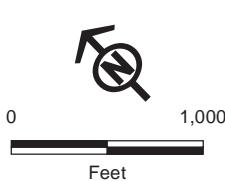
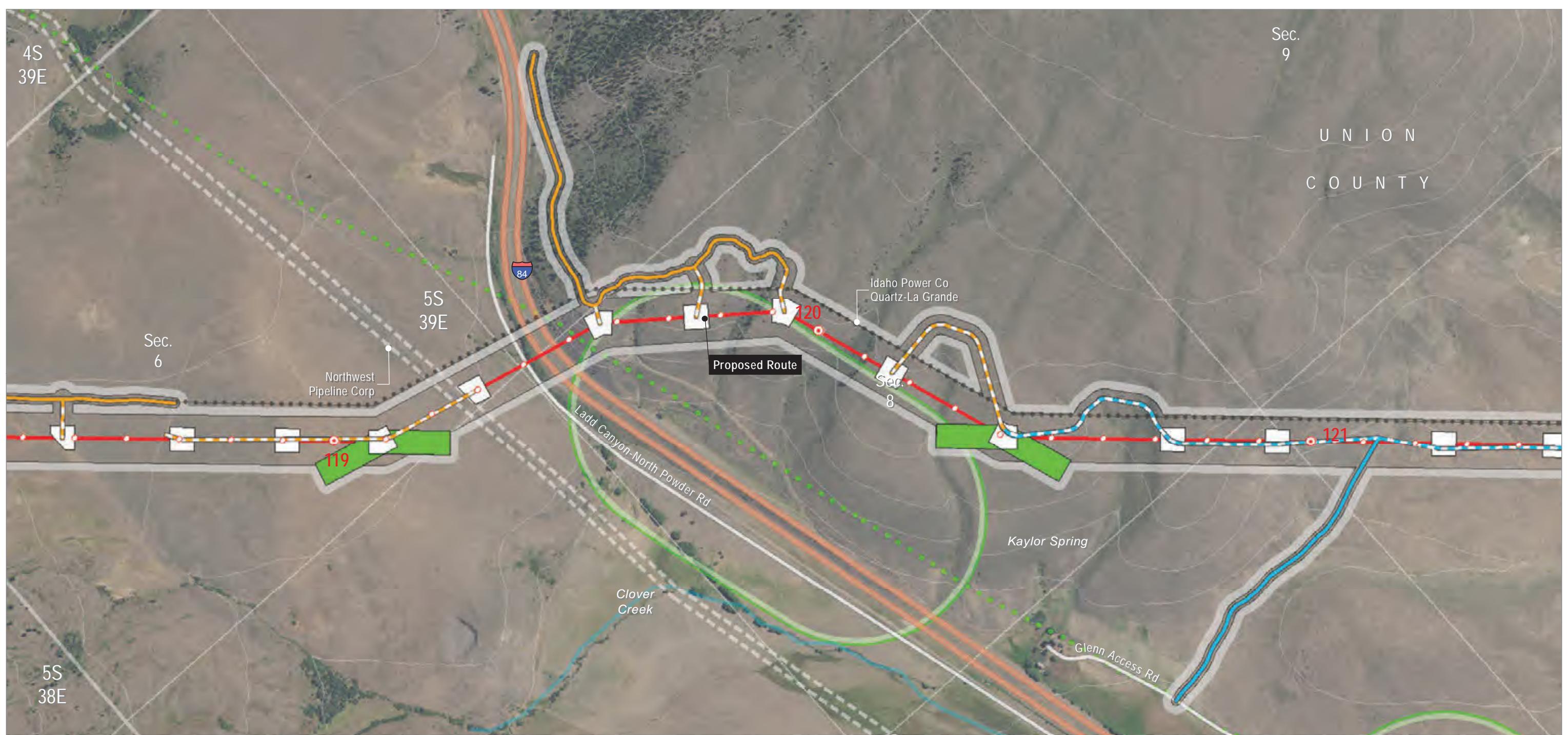
Access
— Existing Road, Substantial Modification, 21-70% Improvements
— Existing Road, Substantial Modification, 71-100% Improvements
— New Road, Bladed
— New Road, Primitive
Important Siting Constraints and Other Features
~ 100-foot Contours

● 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



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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASCI\Exhibits\C_Project Location Maps\Attachment C-2\Proposed Route_UNION_rev 20180612.mxd

Project Features		Important Siting Constraints and Other Features	
	Site Boundary		Existing Road, Substantial Modification, 71-100% Improvements
	Transmission Centerline		Substantial Modification, 71-100% Improvements
	Milepost		New Road, Bladed
	Mile		New Road, Primitive
	Tenth-mile		Oregon NHT Intact Segment (1/4-mile buffer)
	Work Areas		100-foot Contours
	Access		Existing Transmission Lines
			Oregon National Historic Trail (NHT)
			Pipeline

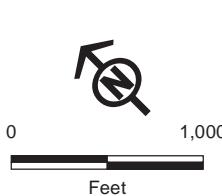
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-2 Proposed Route Location Maps

Union County

Map 57



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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASCI\Exhibits\C_Project Location\Maps\Attachment C-2\Proposed Route_UNION_rev 20180612.mxd

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

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

Land Status
□ Private

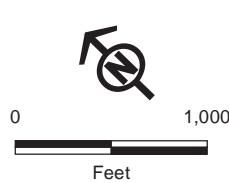
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-2 Proposed Route Location Maps

Union County

Map 58



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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASCI\Exhibits\C_Project Location Maps\Attachment C-2\Proposed Route_UNION_rev 20180612.mxd

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

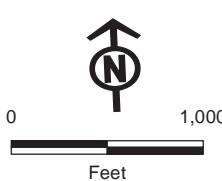
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



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

Union County

Map 59



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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASCI\Exhibits\C_Project Location Maps\Attachment C-2\Proposed Route_UNION_rev 20180612.mxd

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

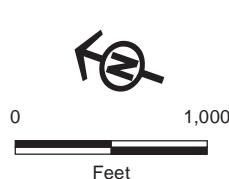
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-2 Proposed Route Location Maps

Union County

Map 60



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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASCI\Exhibits\C_Project Location Maps\Attachment C-2\Proposed Route_UNION_rev 20180612.mxd

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)

Land Status

- Private

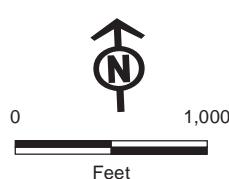
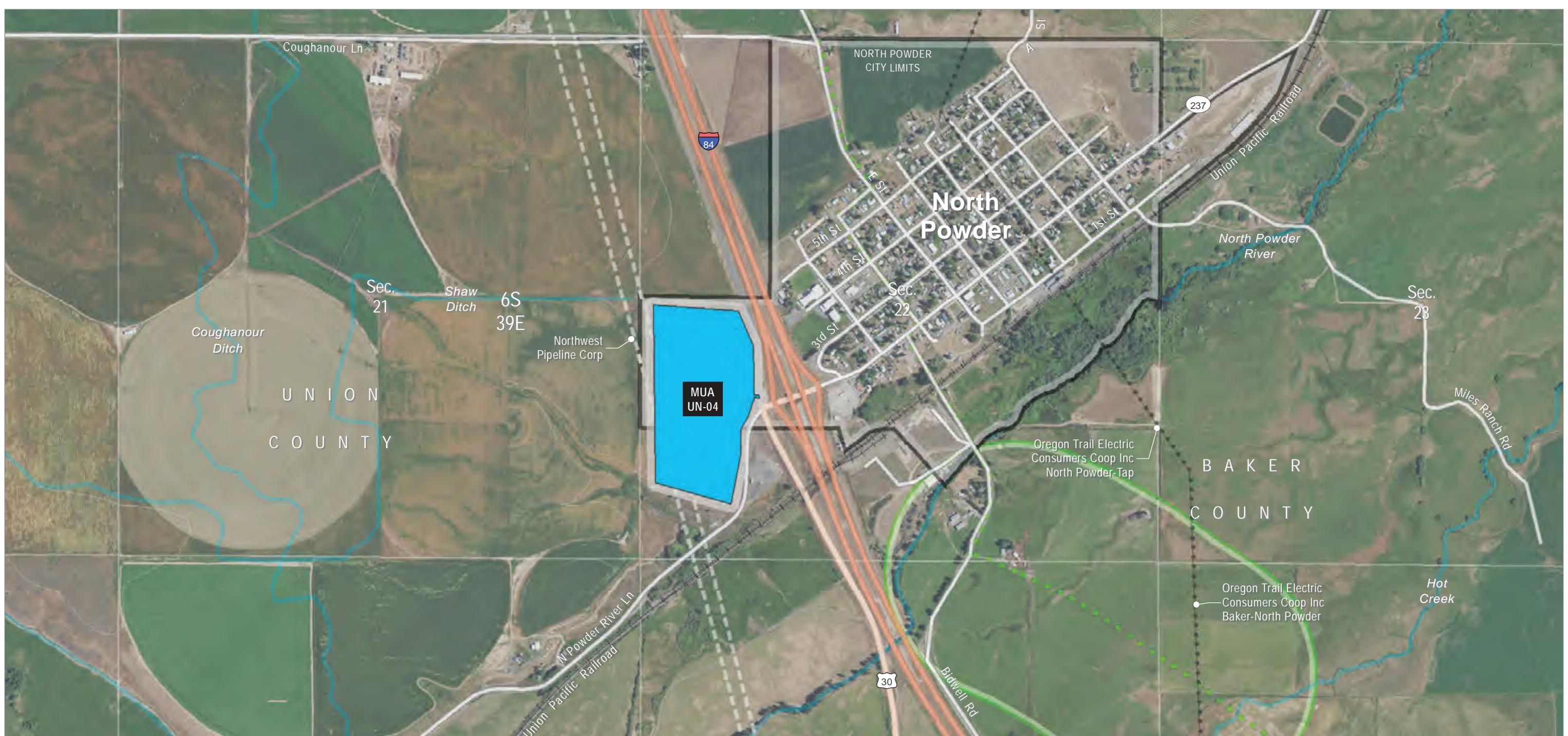
Important Siting Constraints and Other Features

- 100-foot Contours

Boardman to Hemingway Transmission Line Project
Application for Site Certificate



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



Map Area

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

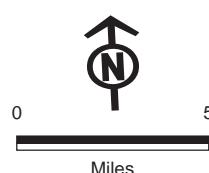
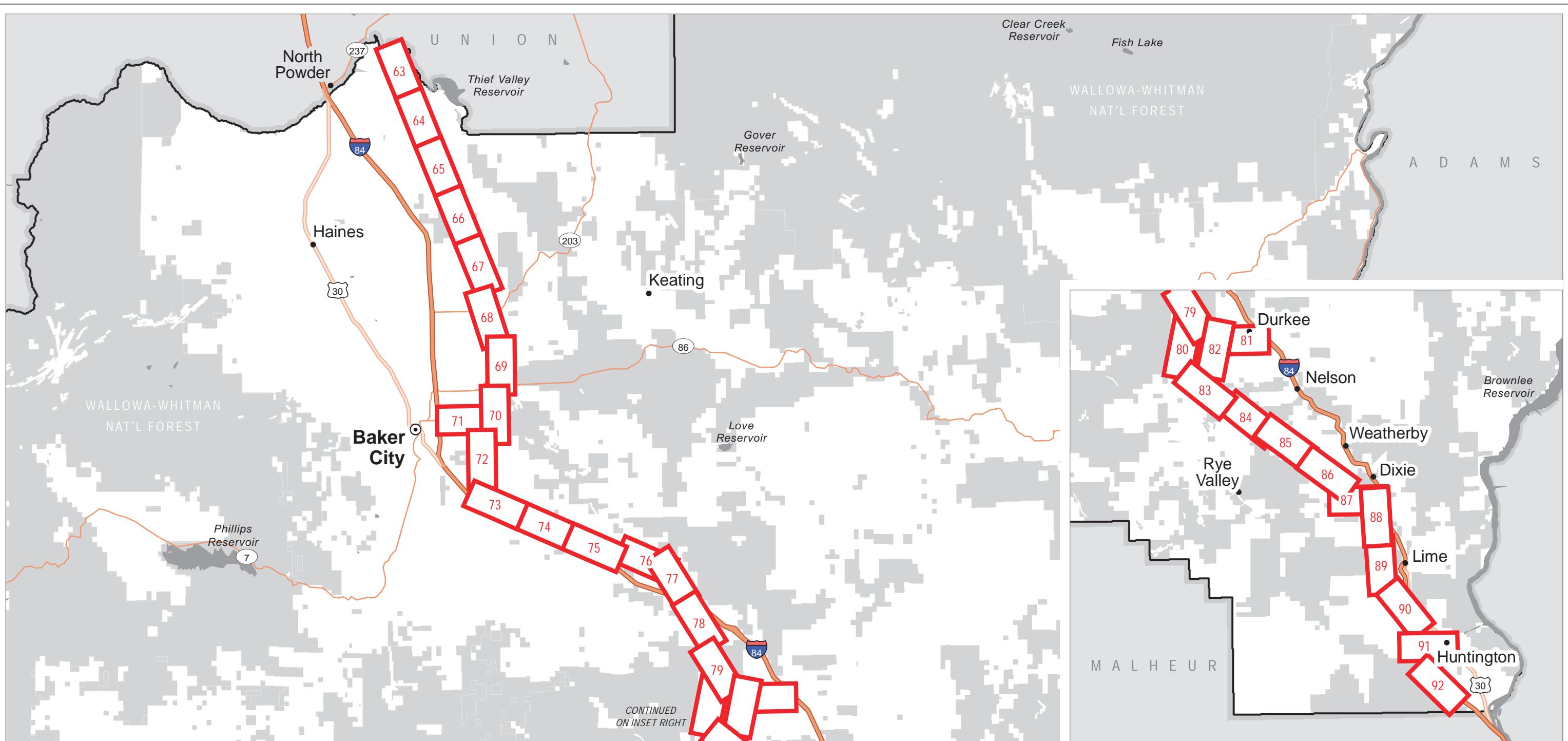
Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASCI\Exhibits\C_Project Location Maps\Attachment C-2\Proposed Route_UNION_rev 20180612.mxd

Project Features	
<input type="checkbox"/>	Site Boundary
<input type="checkbox"/>	Work Areas
<input style="background-color: #0072BD; border: 1px solid #0072BD; width: 15px; height: 15px; vertical-align: middle;" type="checkbox"/>	Multi-Use Area
<input type="checkbox"/>	Important Siting Constraints and Other Features
<input type="checkbox"/>	100-foot Contours
<input type="checkbox"/>	Existing Transmission Lines
<input style="background-color: #0072BD; border: 1px solid #0072BD; width: 15px; height: 15px; vertical-align: middle;" type="checkbox"/>	Oregon National Historic Trail (NHT)
<input type="checkbox"/>	Pipeline
<input type="checkbox"/>	Interstate
<input style="background-color: #FF8C00; border: 1px solid #FF8C00; width: 15px; height: 15px; vertical-align: middle;" type="checkbox"/>	Highway
<input type="checkbox"/>	Road
<input type="checkbox"/>	Railroad
<input type="checkbox"/>	Stream
<input type="checkbox"/>	City Limits
<input type="checkbox"/>	Oregon NHT Intact
<input style="background-color: #0072BD; border: 1px solid #0072BD; width: 15px; height: 15px; vertical-align: middle;" type="checkbox"/>	Segment (1/4-mile buffer)
<input type="checkbox"/>	Land Status
<input type="checkbox"/>	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, Esri

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council03_Final
SCI\Exhibits\C_Project Location\Maps\Attachment C-2\Index_Baker.mxd

Map Index

Location Map (Map #)

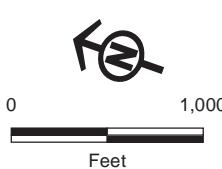
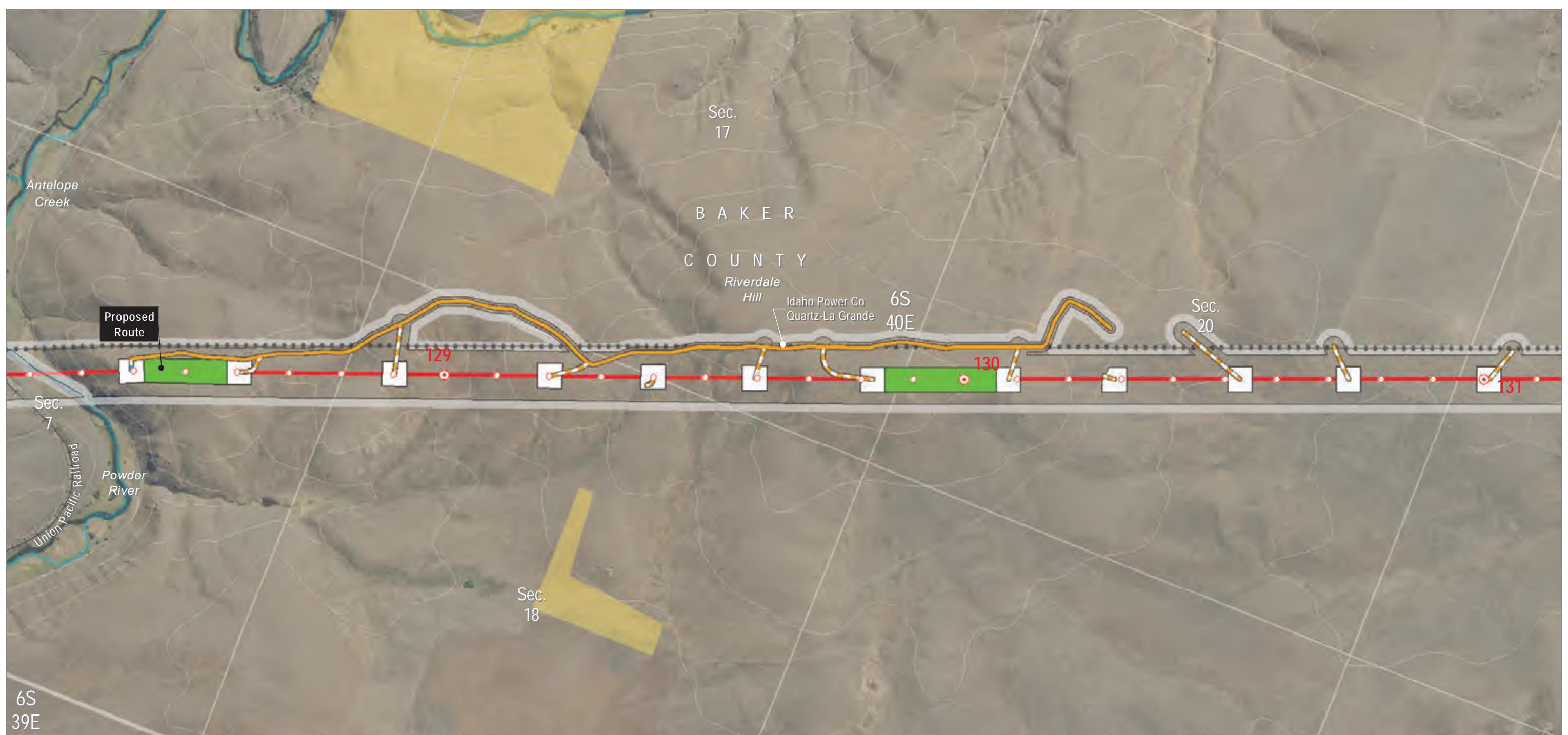
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-2 Proposed Route Location Maps

Baker County

Map Index



Map Area

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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASCI\Exhibits\C_Project Location Maps\Attachment C-2\Proposed Route_BAKER_rev 20180612.mxd

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
+—+ Railroad
— Stream
Land Status
■ Bureau of Land Management
□ Private

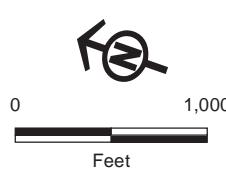
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-2 Proposed Route Location Maps

Baker County

Map 63



Map Area

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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASCI\Exhibits\C_Project Location Maps\Attachment C-2\Proposed Route_BAKER_rev 20180612.mxd

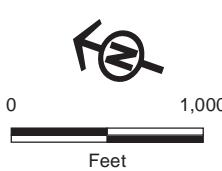
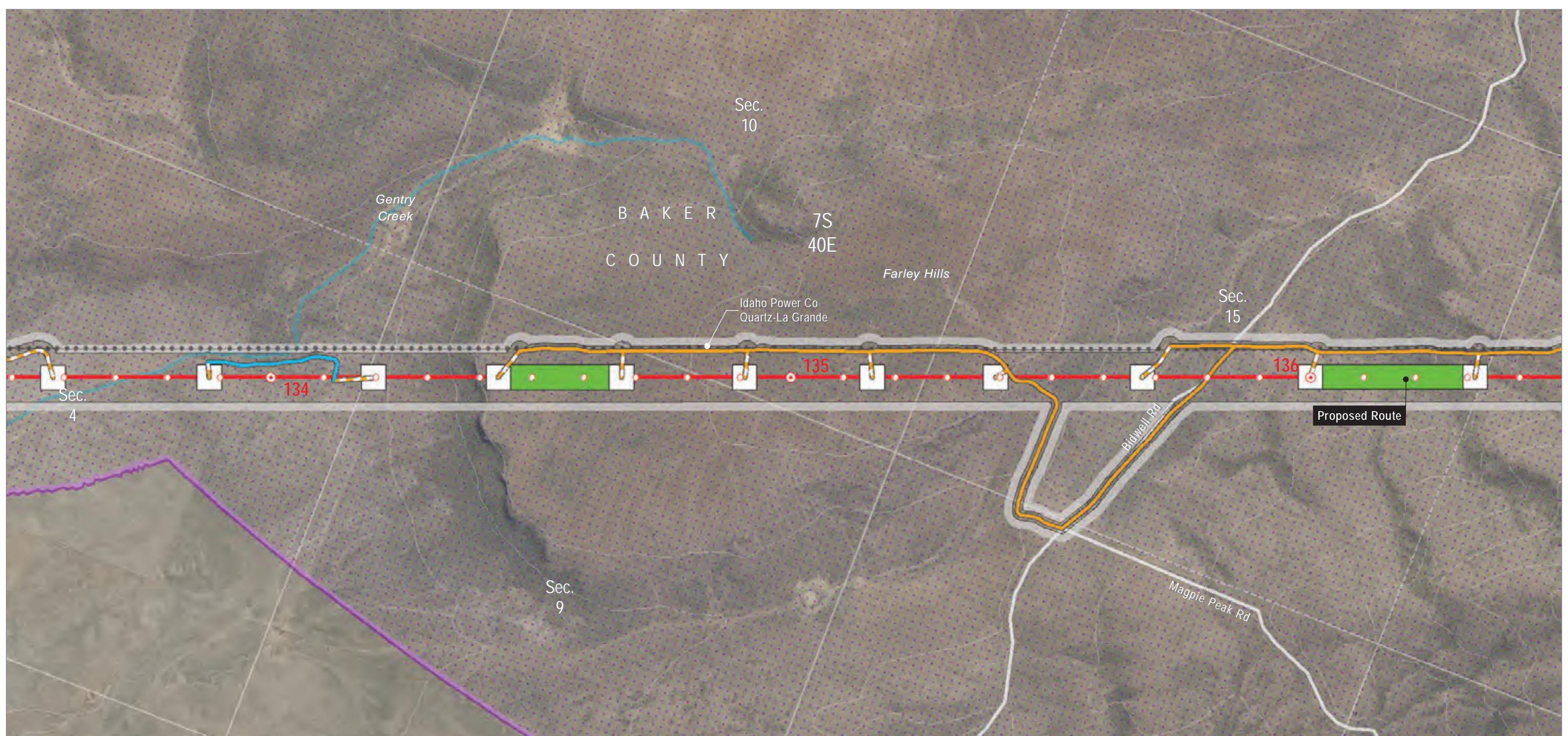
Project Features	
	Site Boundary
	Transmission Centerline
	Mileposts
	Mile
	Tenth-mile
	Work Areas
	Pulling and Tensioning
	Structure Work Area
	Access
	Existing Road,
	Substantial Modification,
	21-70% Improvements

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



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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASCI\Exhibits\C_Project Location\Maps\Attachment C-2\Proposed Route_BAKER_rev 20180612.mxd

Project Features		Land Status	
<input type="checkbox"/>	Site Boundary	<input type="checkbox"/>	Private
<input type="solid-line"/>	Transmission Centerline		
Mileposts		Important Siting Constraints and Other Features	
<input type="circle"/>	Mile	<input type="solid-line"/>	100-foot Contours
<input type="circle"/>	Tenth-mile	<input type="solid-line"/>	Existing Transmission Lines
Work Areas		<input type="solid-line"/>	Other Road
<input type="solid-line"/>	Pulling and Tensioning	<input type="solid-line"/>	Stream
<input type="checkbox"/>	Structure Work Area	<input type="solid-line"/>	Sage-grouse Core Area
Access			
<input type="solid-line"/>	Existing Road, Substantial Modification, 71-100% Improvements		
<input type="solid-line"/>	New Road, Primitive		
<input type="solid-line"/>	Substantial Modification, 21-70% Improvements		

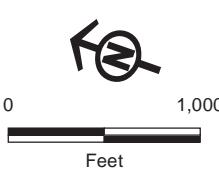
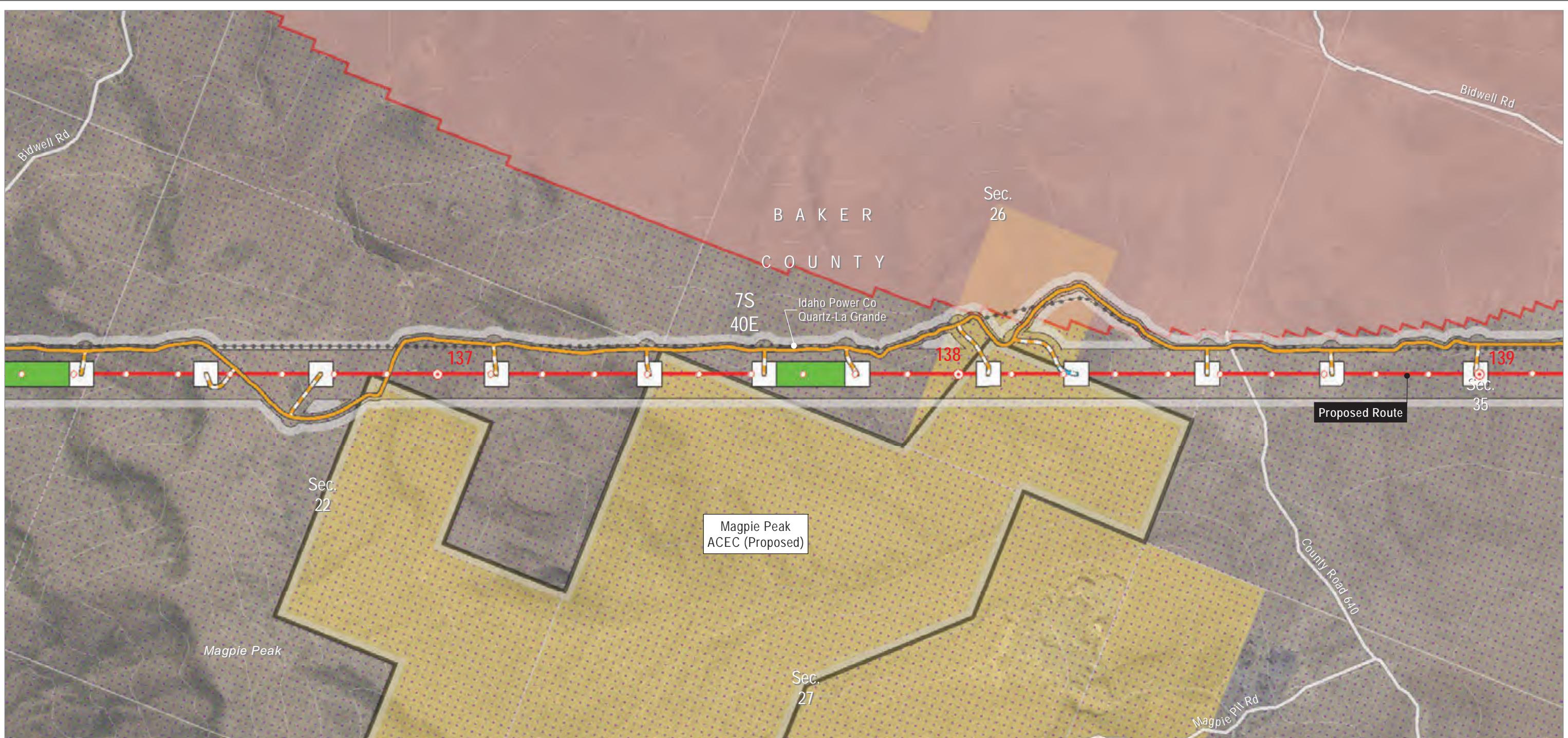
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-2 Proposed Route Location Maps

Baker County

Map 65



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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASCI\Exhibits\C_Project Location\Maps\Attachment C-2\Proposed Route_BAKER_rev 20180612.mxd

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
- Magpie Peak ACEC (Proposed)
- Sage-grouse Core Area

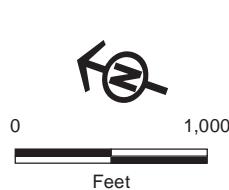
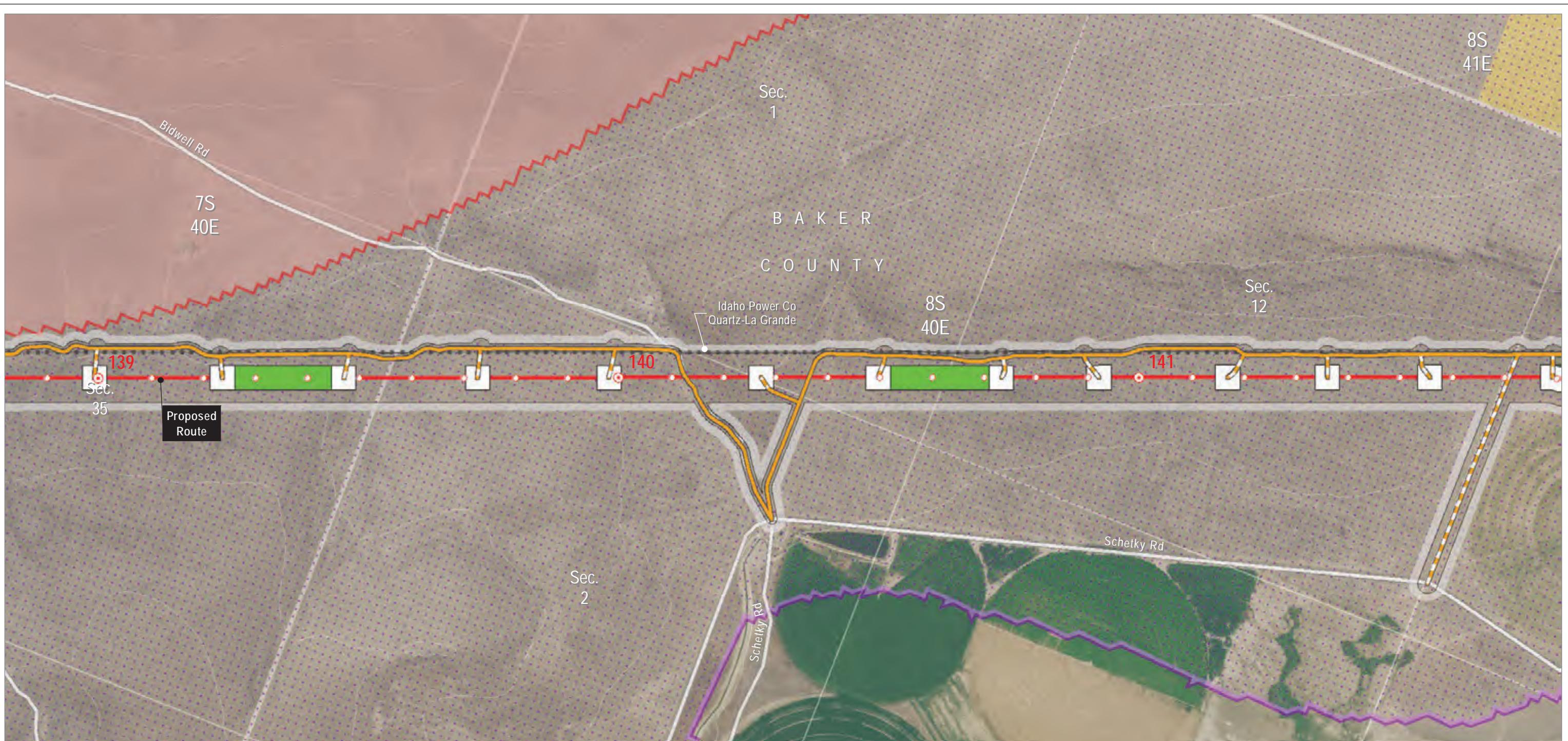
Land Status

- Sage-grouse Areas of Population Richness
- 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 66



Map Area

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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASCI\Exhibits\C_Project Location\Maps\Attachment C-2\Proposed Route_BAKER_rev 20180612.mxd

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

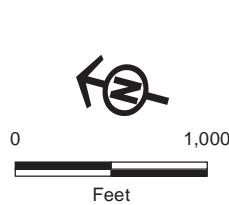
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-2 Proposed Route Location Maps

Baker County

Map 67



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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASCI\Exhibits\C_Project Location Maps\Attachment C-2\Proposed Route_BAKER_rev 20180612.mxd

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

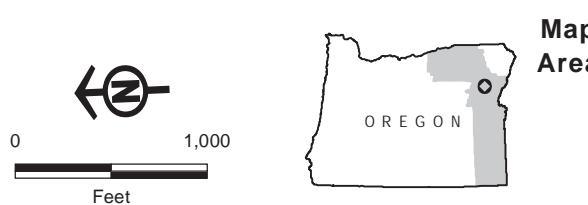
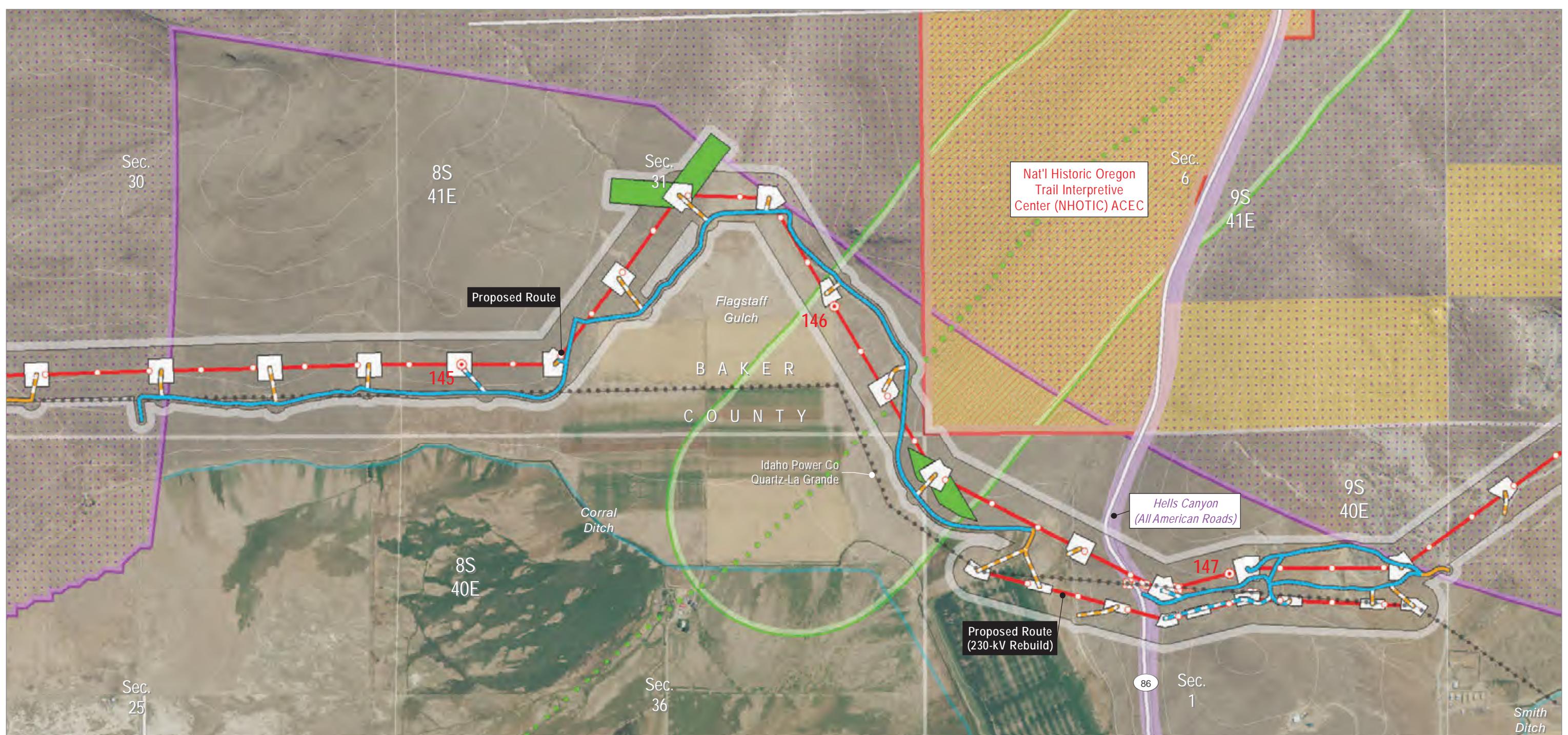
Access
● Existing Road, Substantial Modification, 21-70% Improvements
● Existing Road, Substantial Modification, 71-100% Improvements
● New Road, Bladed
● New Road, Primitive
Important Siting Constraints and Other Features
● 100-foot Contours

● 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

Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-2
Proposed Route Location Maps
Baker County
Map 68



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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASCI\Exhibits\C_Project Location Maps\Attachment C-2\Proposed Route_BAKER_rev 20180612.mxd

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

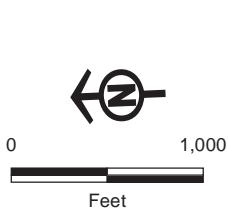
Access
— Existing Road, Substantial Modification, 21-70% Improvements
— Existing Road, Substantial Modification, 71-100% Improvements
— New Road, Bladed
— New Road, Primitive
Important Siting Constraints and Other Features
— 100-foot Contours

Land Status
● Existing Transmission Lines
● Oregon National Historic Trail (NHT)
— Other Road
— Scenic Byway (Type)
— Stream
■ Bureau of Land Management
■ Private
■ Oregon NHT Intact
■ Segment (1/4-mile buffer)
■ Protected Area (EFSC)
■ Sage-grouse Core Area

Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-2
Proposed Route Location Maps
Baker County
Map 69



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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASCI\Exhibits\C_Project Location\Maps\Attachment C-2\Proposed Route_BAKER_rev 20180612.mxd

Project Features

- Site Boundary
- Transmission Centerline
- Mileposts
- Work Areas
- Access

Land Status

- Bureau of Land Management
- Private

Important Siting Constraints and Other Features

- 100-foot Contours
- Existing Transmission Lines
- Other Road
- Scenic Byway (Type)
- Stream
- Sage-grouse Core Area

Project Features

- Site Boundary
- Transmission Centerline
- Mileposts
- Work Areas
- Access

Land Status

- Bureau of Land Management
- Private

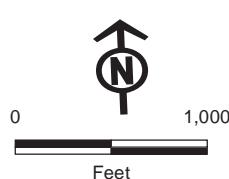
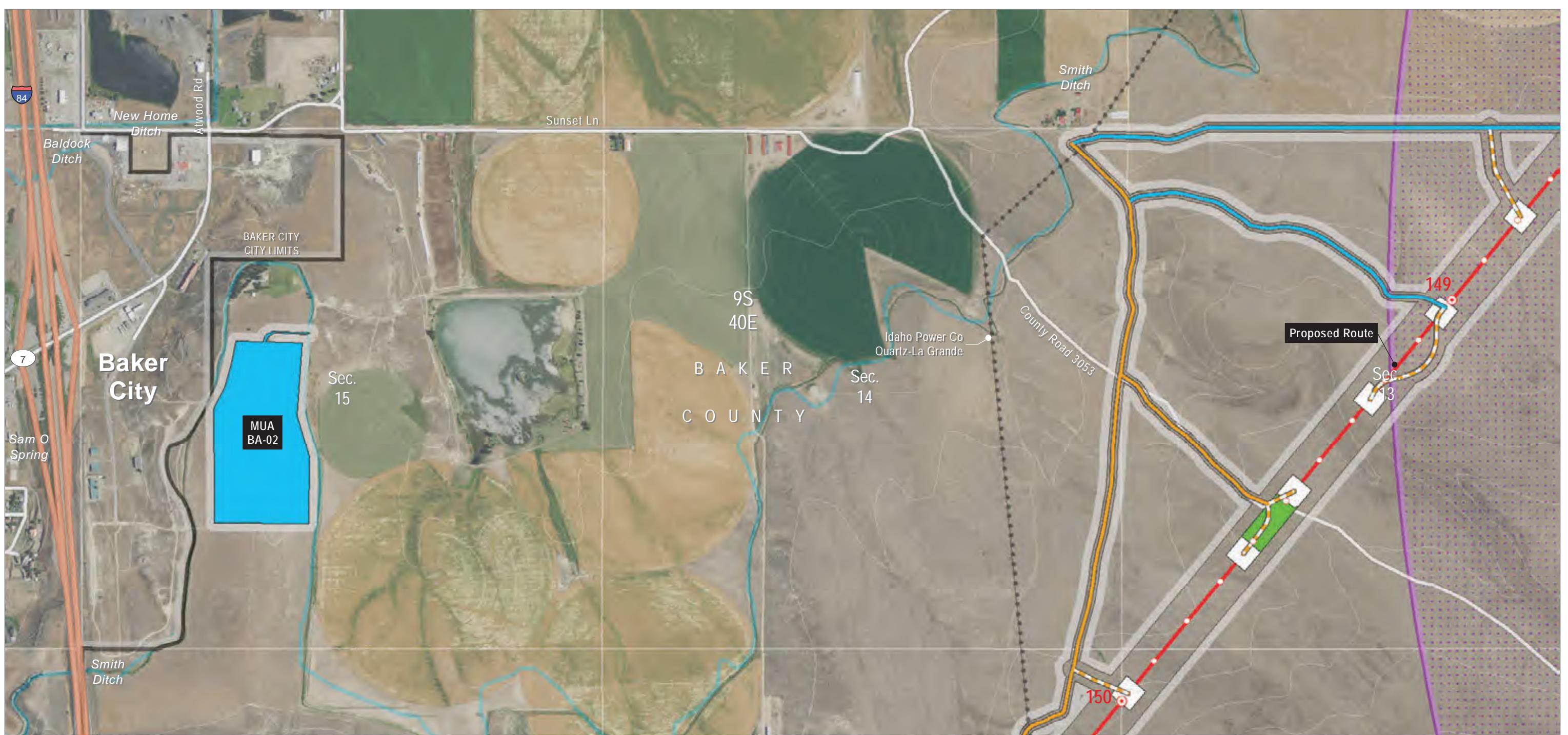
Important Siting Constraints and Other Features

- 100-foot Contours
- Existing Transmission Lines
- Other Road
- Scenic Byway (Type)
- Stream
- Sage-grouse Core Area

Boardman to Hemingway Transmission Line Project
Application for Site Certificate



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, GeoEyes, Earthstar Geographics, CNES/Airbus DS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASCI\Exhibits\C_Project Location Maps\Attachment C-2\Proposed Route_BAKER_rev 20180612.mxd

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

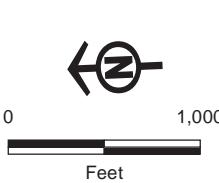
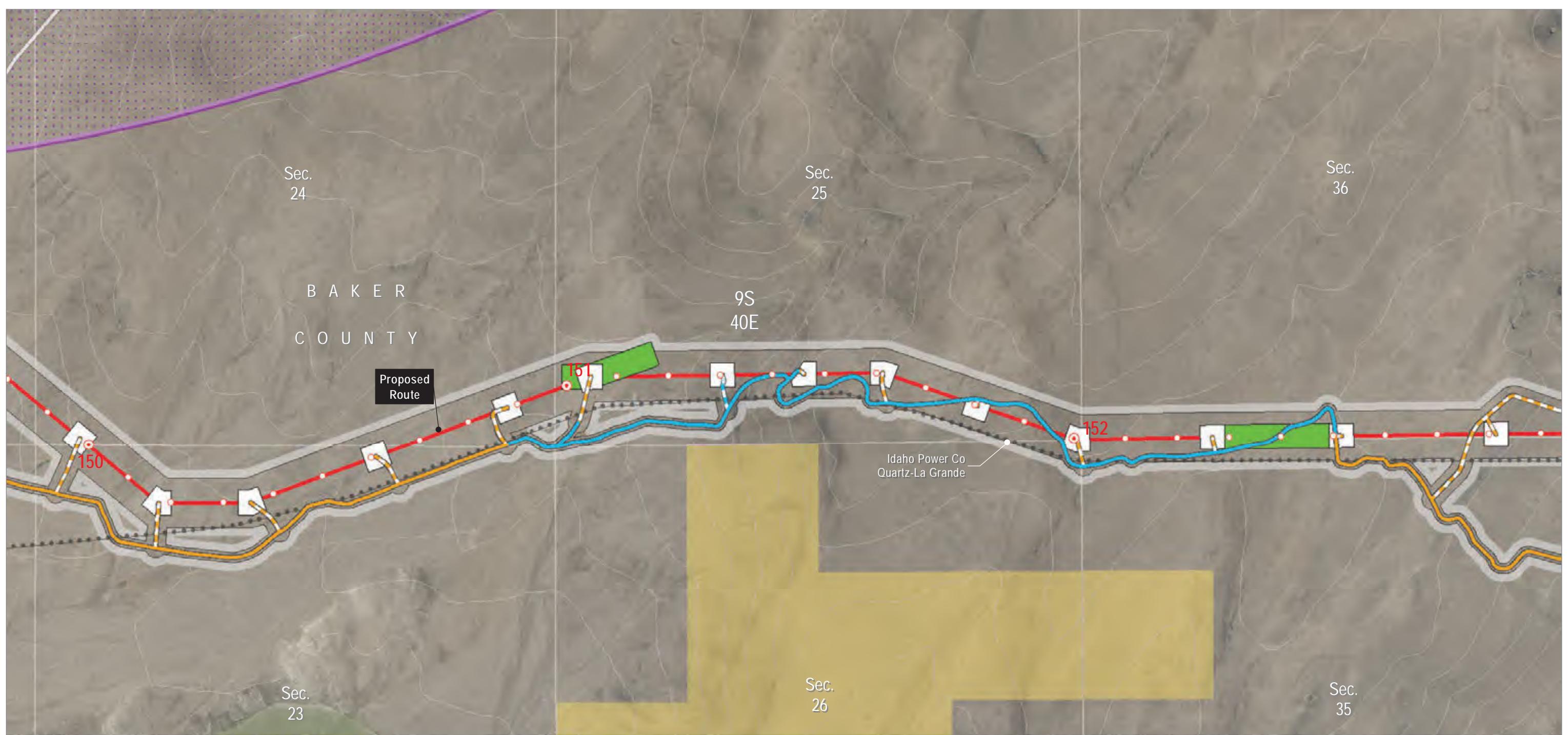
Access
— Existing Road, Substantial Modification, 21-70% Improvements
— Existing Road, Substantial Modification, 71-100% Improvements
— New Road, Primitive
Important Siting Constraints and Other Features
— 100-foot Contours
●—● Existing Transmission Lines

Land Status
■ Private
■ City Limits
■ Sage-grouse Core Area

Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-2
Proposed Route Location Maps
Baker County
Map 71



Map Area

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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASCI\Exhibits\C_Project Location\Maps\Attachment C-2\Proposed Route_BAKER_rev 20180612.mxd

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

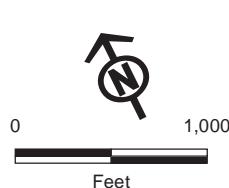
— Existing Road, Substantial Modification, 71-100% Improvements
— New Road, Bladed
— New Road, Primitive
Important Siting Constraints and Other Features
~ 100-foot Contours
●— Existing Transmission Lines
— Other Road
■ Sage-grouse Core Area

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



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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASCI\Exhibits\C_Project Location Maps\Attachment C-2\Proposed Route_BAKER_rev 20180612.mxd

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

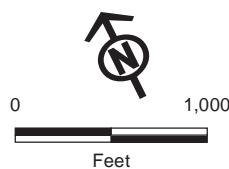
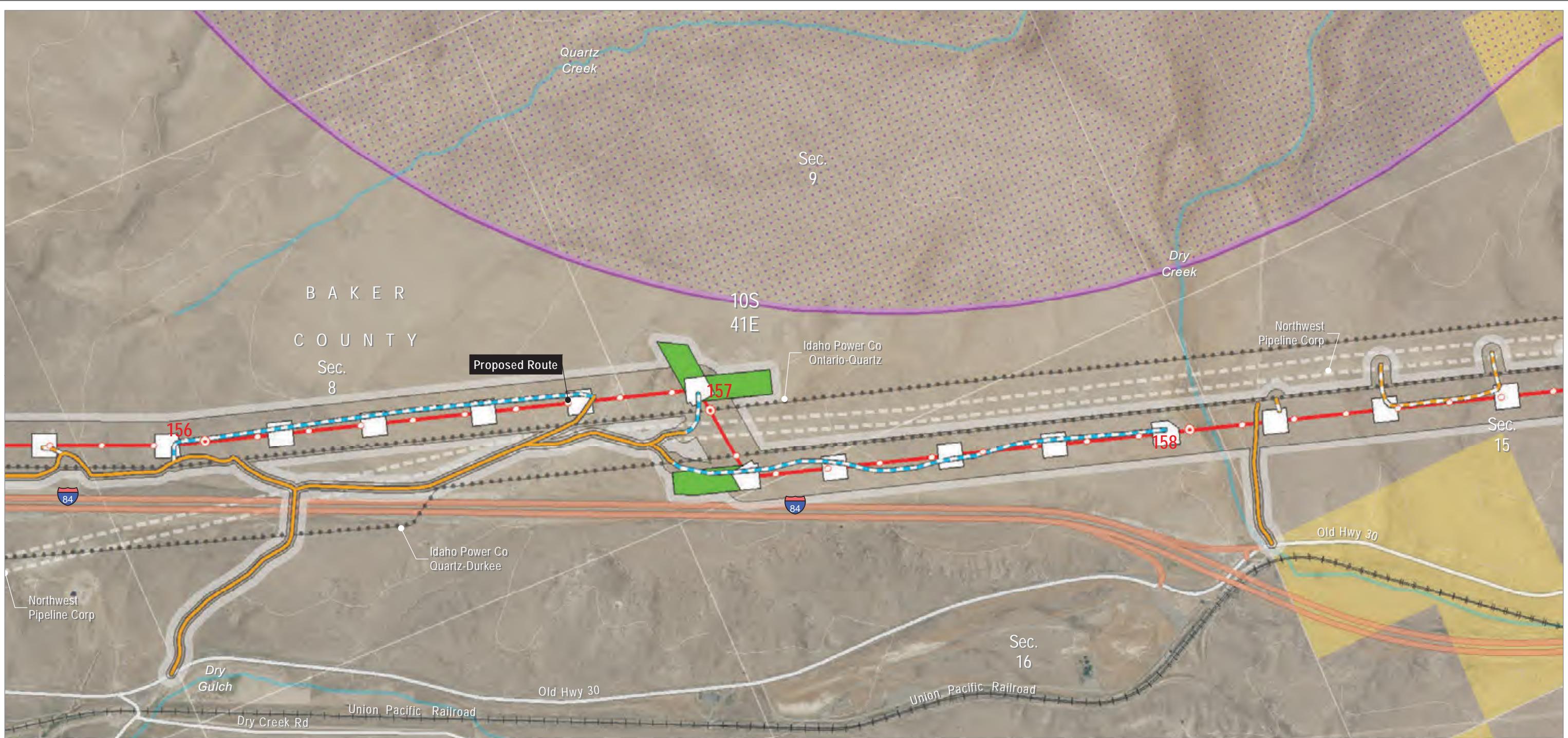
■ New Road, Bladed
— New Road, Primitive
Important Siting Constraints and Other Features
— 100-foot Contours
●—● Existing Transmission Lines
■ Pipeline
— Interstate
— Other Road
+—+ Railroad
— Stream

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 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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASCI\Exhibits\C_Project Location\Maps\Attachment C-2\Proposed Route_BAKER_rev 20180612.mxd

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

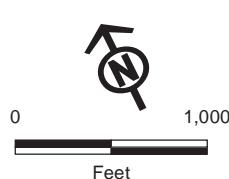
Land Status

- 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, GeoEyes, Earthstar Geographics, CNES/Airbus DS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASCI\Exhibits\Project Location Maps\Attachment C-2\Proposed Route_BAKER_rev 20180612.mxd

Project Features



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

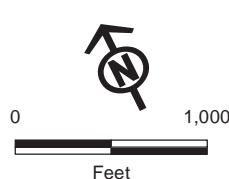
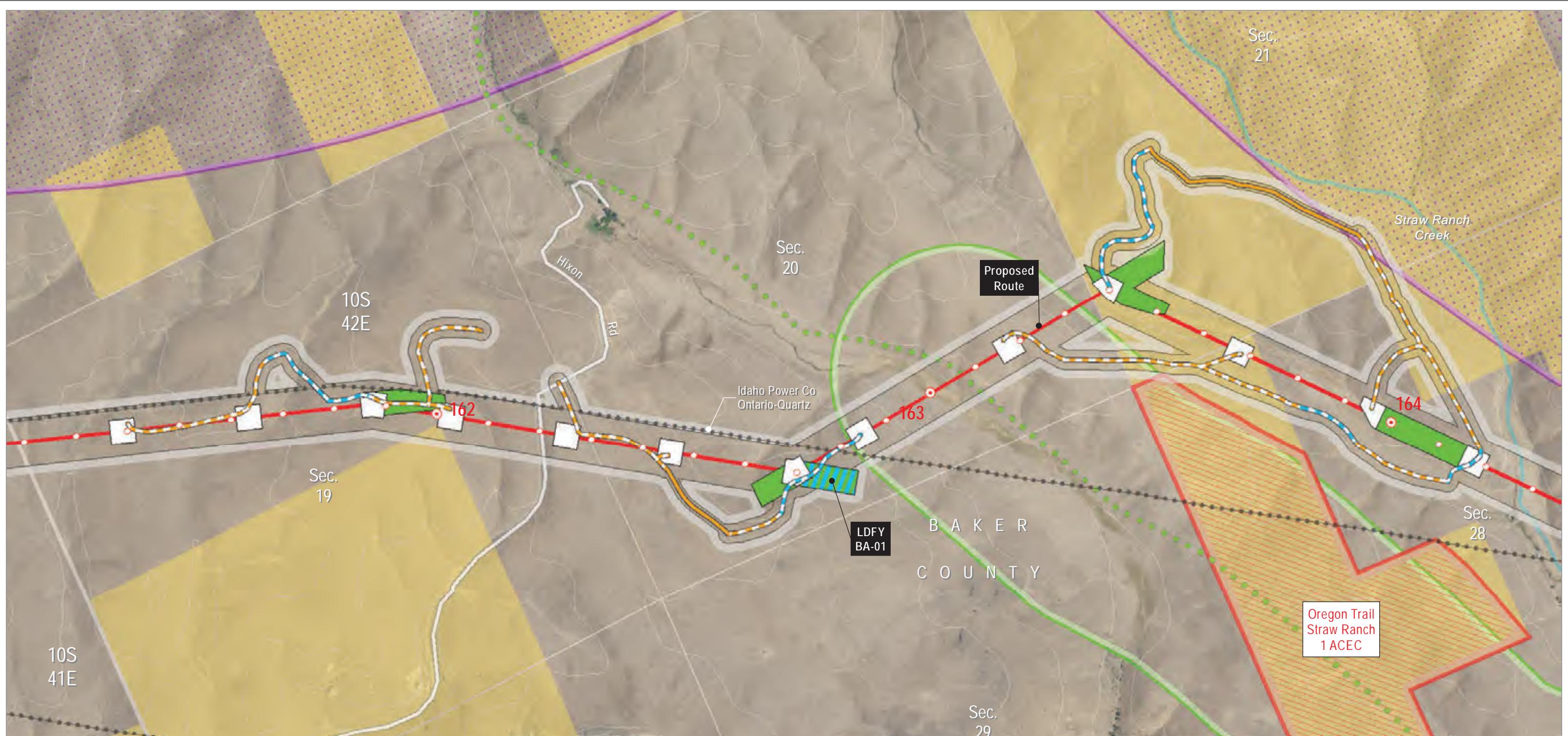
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-2 Proposed Route Location Maps

Baker County

Map 75



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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASCI\Exhibits\C_Project Location Maps\Attachment C-2\Proposed Route_BAKER_rev 20180612.mxd

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)

Land Status

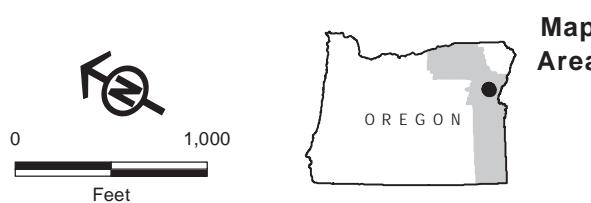
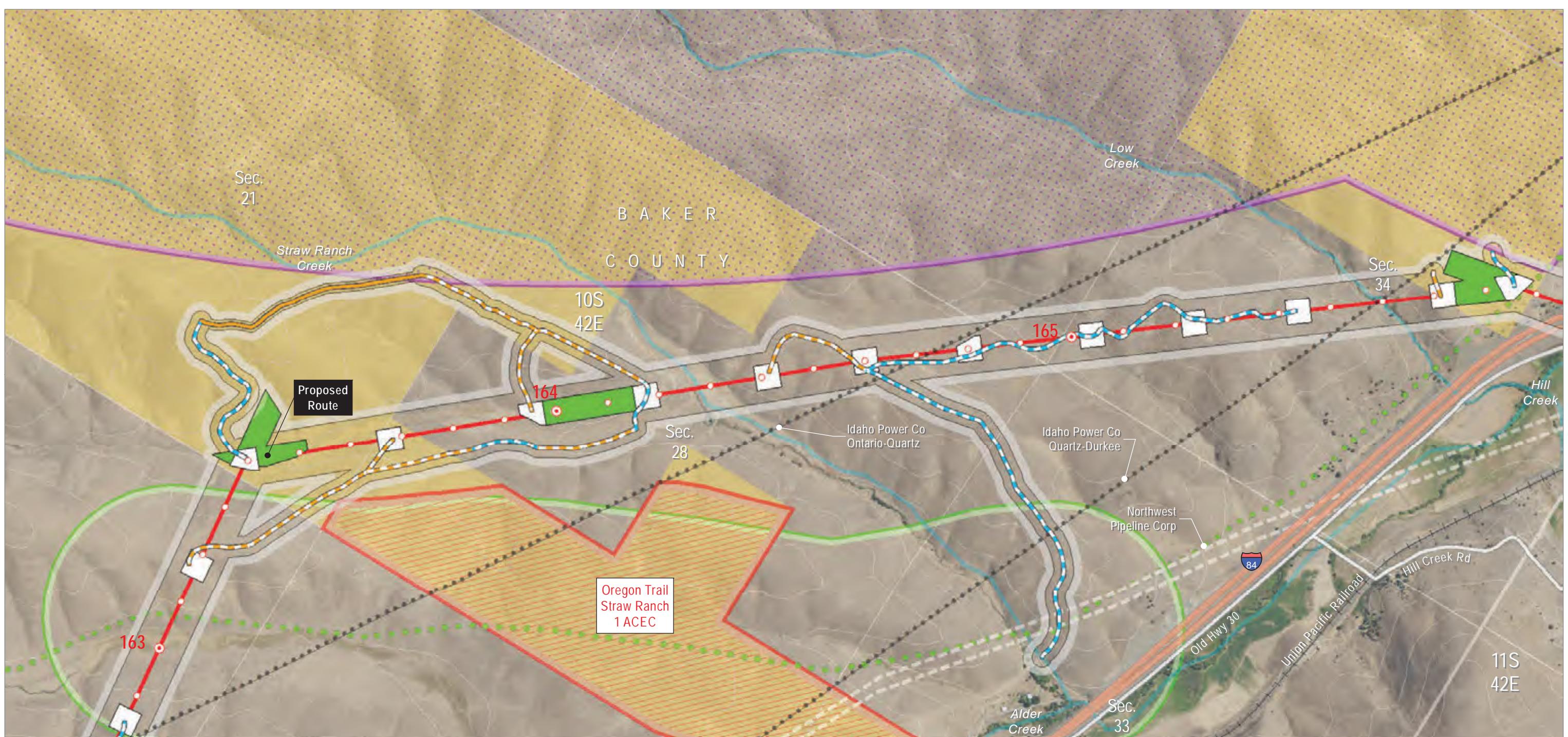
- Bureau of Land Management
- Private

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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASCI\Exhibits\C_Project Location Maps\Attachment C-2\Proposed Route_BAKER_rev 20180612.mxd

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
	Railroad
	Stream
	Oregon NHT Intact
	Segment (1/4-mile buffer)
	Protected Area (EFSC)
	Sage-grouse Core Area

Land Status	
	Bureau of Land Management
	Pipeline
	Interstate
	Other Road
	Private

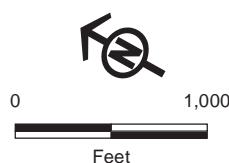
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-2 Proposed Route Location Maps

Baker County

Map 77



A map of the state of Oregon. A small black dot is placed in the north-central part of the state, representing the location of the 'Map Area' mentioned in the text. The word 'OREGON' is printed in capital letters below the state outline.

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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASC\Exhibits\C_Project Location\Maps\Attachment C-2\Proposed Route_BAKER_rev 20180612.mxd

Map Area

Project Features

Site Boundary

Mileposts

• Mile

Work Area

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

Access

Existing Road,
Substantial Modification,

— Non-Resilient

- New Road, Bladed
- New Road, Primitive
- Important Siting
Constraints and Other
- ~~~~ Stream
- West-wide Energy
Corridor (WWEC)

Features  Sage

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

Land Status
 Bureau of Land Management
 Private

Boardman to Hemingway Transmission Line Project

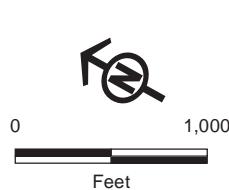
Application for Site Certificate



Attachment C-2
Proposed Route Location Maps

Baker County

Map 78



Map Area

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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASCI\Exhibits\C_Project Location Maps\Attachment C-2\Proposed Route_BAKER_rev 20180612.mxd

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

Land Status

- Bureau of Land Management
- Private

Important Siting Constraints and Other Features

- 100-foot Contours
- Other Road
- Stream
- VRM 2

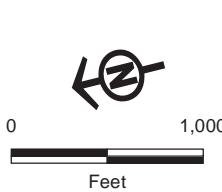
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



Attachment C-2 Proposed Route Location Maps

Baker County

Map 79



Map Area

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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASCI\Exhibits\C_Project Location Maps\Attachment C-2\Proposed Route_BAKER_rev 20180612.mxd

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

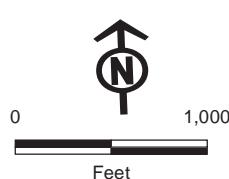
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



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, GeoEyes, Earthstar Geographics, CNES/Airbus DS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASCI\Exhibits\C_Project Location\Maps\Attachment C-2\Proposed Route_BAKER_rev 20180612.mxd

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

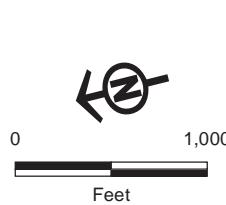
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



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

Baker County

Map 81



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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASCI\Exhibits\C_Project Location Maps\Attachment C-2\Proposed Route_BAKER_rev 20180612.mxd

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

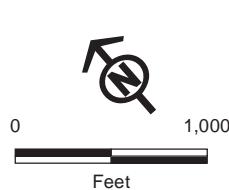
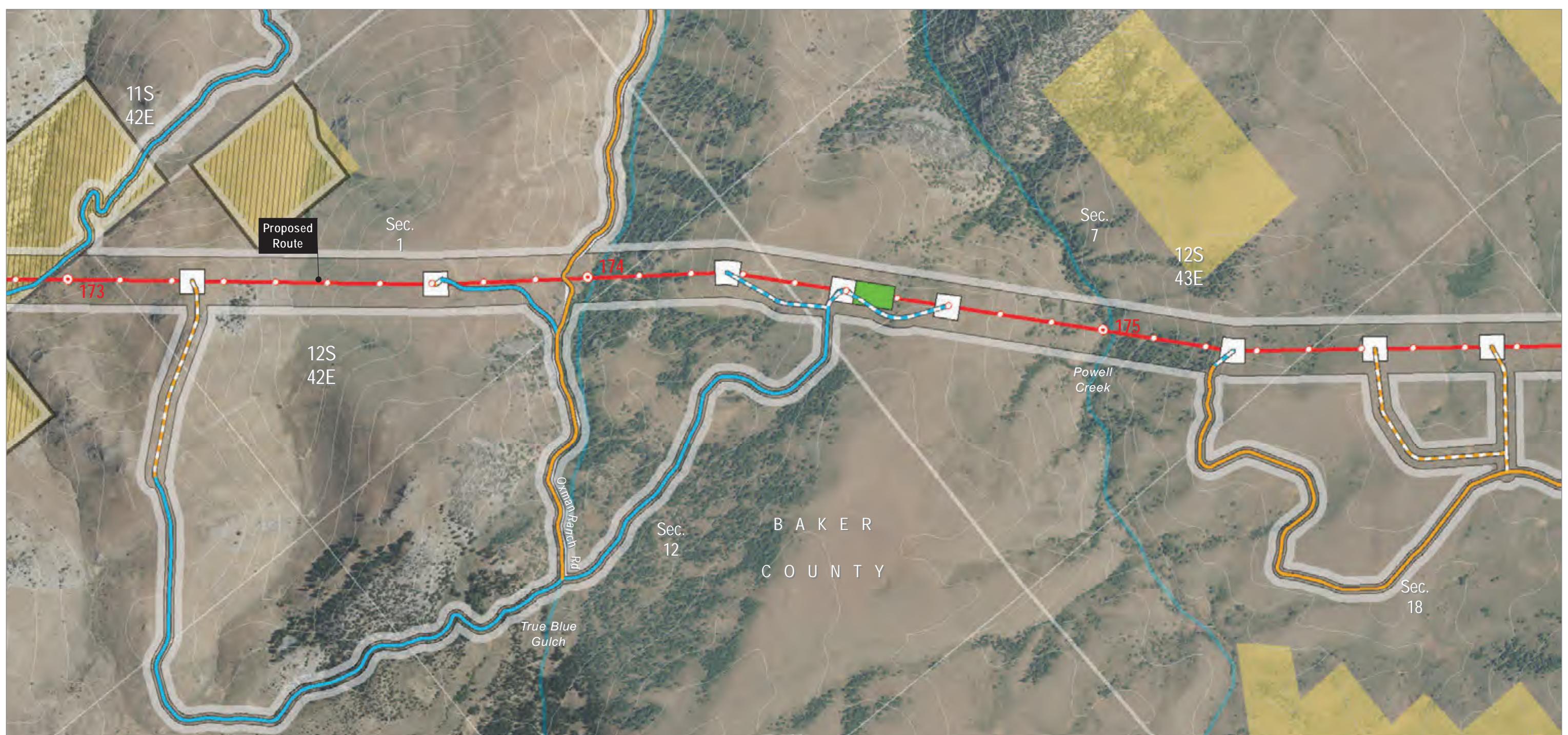
Boardman to Hemingway Transmission Line Project
Application for Site Certificate



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

Baker County

Map 82



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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASCI\Exhibits\C_Project Location Maps\Attachment C-2\Proposed Route_BAKER_rev 20180612.mxd

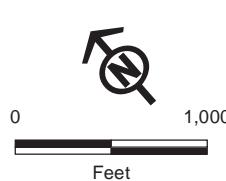
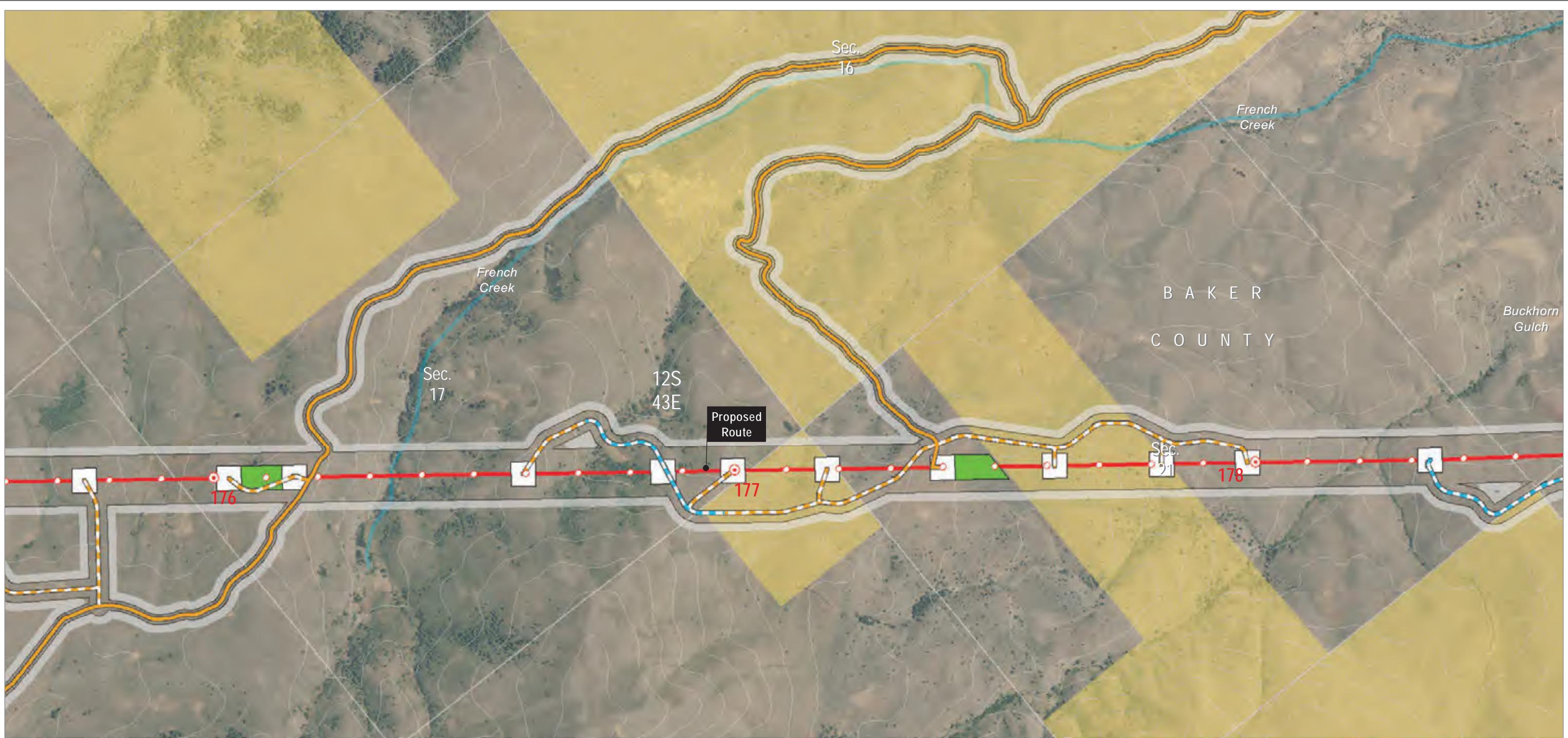
Project Features
□ Site Boundary
— Transmission Centerline
Mileposts
● Mile
○ Tenth-mile
Work Areas
■ Pulling and Tensioning
□ Structure Work Area
Access
— Existing Road, Substantial Modification, 21-70% Improvements

Land Status
■ Bureau of Land Management
□ Private
Important Siting Constraints and Other Features
— Existing Road, Substantial Modification, 71-100% Improvements
— New Road, Bladed
— New Road, Primitive
— Other Road
~~~ Stream  
■ VRM 2  
~ 100-foot Contours

Boardman to Hemingway Transmission Line Project  
Application for Site Certificate



**Attachment C-2**  
**Proposed Route Location Maps**  
**Baker County**  
**Map 83**



Map Area

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

Z:\UtilServ\Boardman\_Hemingway\Reports\002\_Oregon\_Energy\_Siting\_Council\03\_Final  
ASCI\Exhibits\C\_Project Location Maps\Attachment C-2\Proposed Route\_BAKER\_rev 20180612.mxd

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

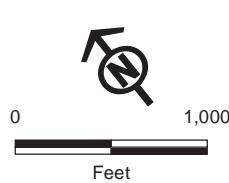
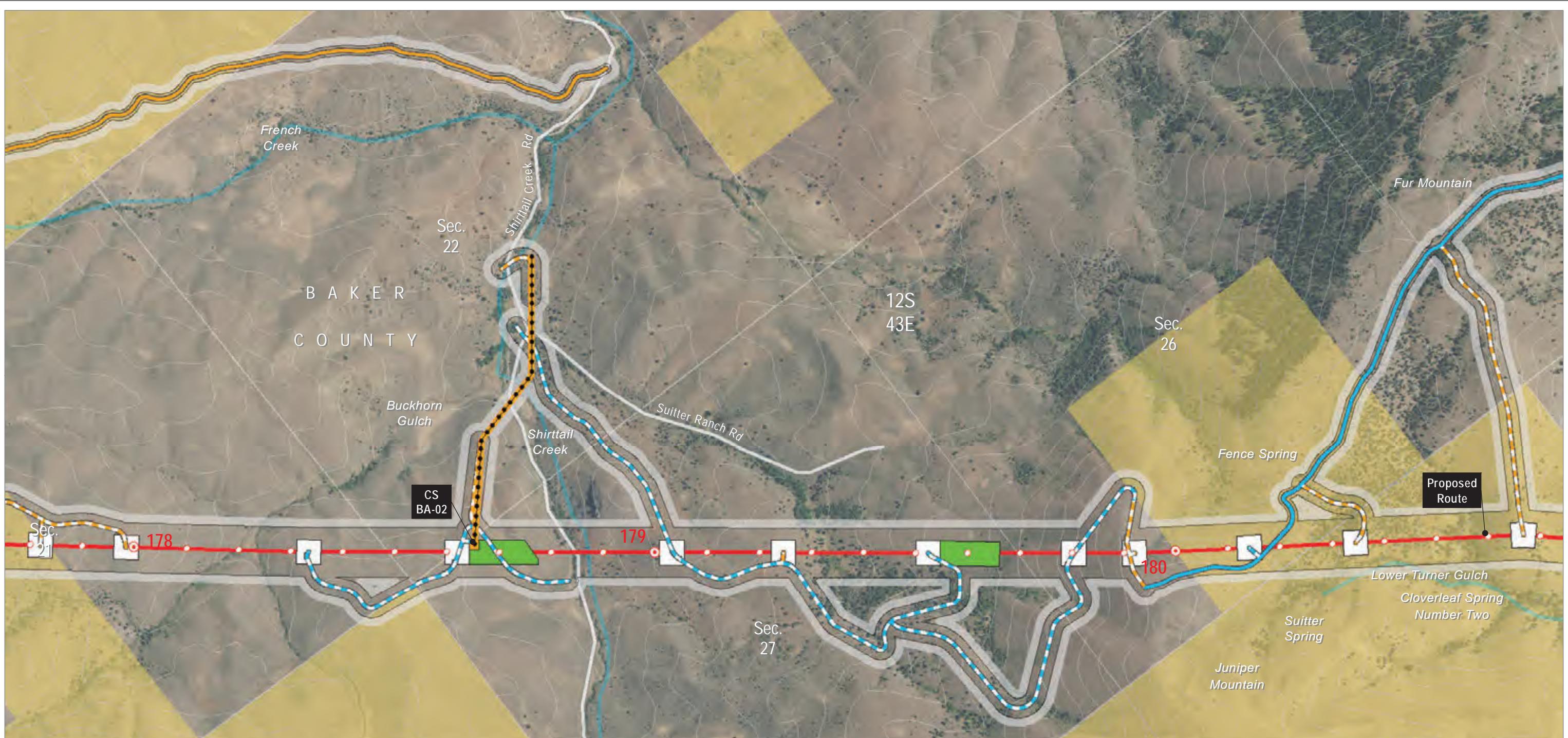
Boardman to Hemingway Transmission Line Project  
Application for Site Certificate



## Attachment C-2 Proposed Route Location Maps

Baker County

Map 84



**Map Area**

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

Z:\UtilServ\Boardman\_Hemingway\Reports\002\_Oregon\_Energy\_Siting\_Council\03\_Final  
ASCI\Exhibits\C\_Project Location Maps\Attachment C-2\Proposed Route\_BAKER\_rev 20180612.mxd

**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)

Structure Work Area

**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**

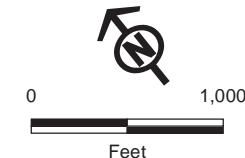
Baker County

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

Z:\UtilServ\Boardman\_Hemingway\Reports\002\_Oregon\_Energy\_Siting\_Council\03\_Final  
ASCI\Exhibits\Project Location Maps\Attachment C-2\Proposed Route\_BAKER\_rev 20180612.mxd



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

- 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

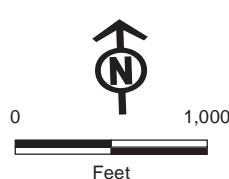
Boardman to Hemingway Transmission Line Project  
Application for Site Certificate



**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

Z:\UtilServ\Boardman\_Hemingway\Reports\002\_Oregon\_Energy\_Siting\_Council\03\_Final  
ASCI\Exhibits\C\_Project Location\Maps\Attachment C-2\Proposed Route\_BAKER\_rev 20180612.mxd

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

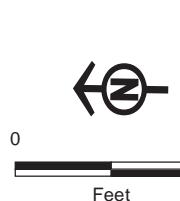
Boardman to Hemingway Transmission Line Project  
Application for Site Certificate



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

Z:\UtilServ\Boardman\_Hemingway\Reports\002\_Oregon\_Energy\_Siting\_Council\03\_Final  
ASCI\Exhibits\C\_Project Location Maps\Attachment C-2\Proposed Route\_BAKER\_rev 20180612.mxd

| Project Features                                                                       |                         |
|----------------------------------------------------------------------------------------|-------------------------|
| <span style="border: 1px solid black; padding: 2px;"> </span>                          | Site Boundary           |
| <span style="color: red;">—</span>                                                     | Transmission Centerline |
|                                                                                        | Mileposts               |
| <span style="color: red;">●</span>                                                     | Mile                    |
| <span style="color: orange;">●</span>                                                  | Tenth-mile              |
|                                                                                        | Work Areas              |
| <span style="background-color: blue; border: 1px solid black; padding: 2px;"> </span>  | Multi-Use Area          |
| <span style="background-color: green; border: 1px solid black; padding: 2px;"> </span> | Pulling and Tensioning  |
| <span style="border: 1px solid black; padding: 2px;"> </span>                          | Structure Work Area     |

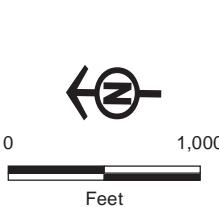
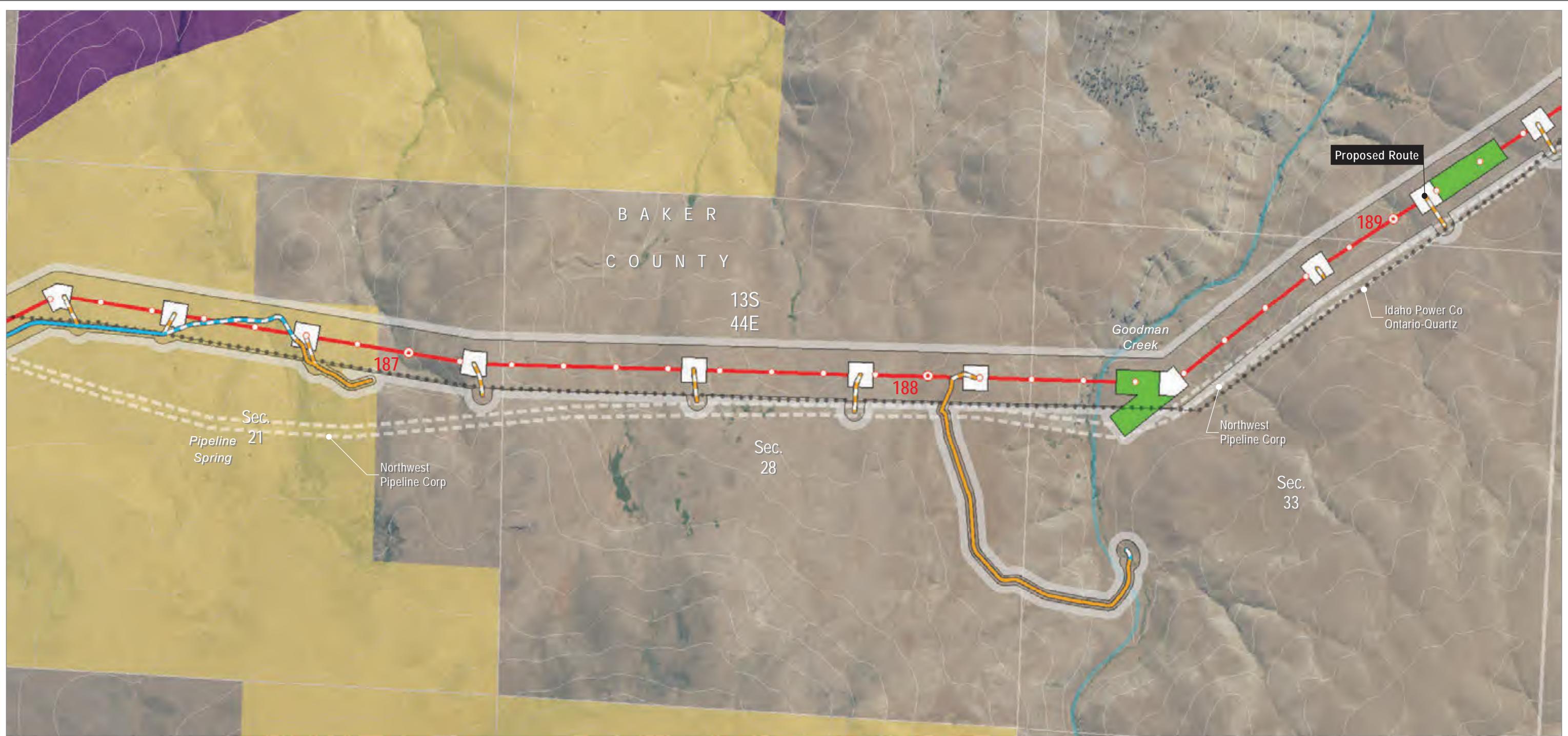
| Access                                |                                                               |
|---------------------------------------|---------------------------------------------------------------|
| <span style="color: orange;">—</span> | Existing Road, Substantial Modification, 21-70% Improvements  |
| <span style="color: blue;">—</span>   | Existing Road, Substantial Modification, 71-100% Improvements |
| <span style="color: cyan;">—</span>   | New Road, Bladed                                              |
| <span style="color: orange;">—</span> | New Road, Primitive                                           |
|                                       | <u>Important Siting Constraints and Other Features</u>        |
| <span style="color: black;">~</span>  | 100-foot Contours                                             |

| Land Status                                                   |                                  |
|---------------------------------------------------------------|----------------------------------|
| <span style="color: yellow;">■</span>                         | Bureau of Land Management        |
| <span style="border: 1px solid black; padding: 2px;"> </span> | Private                          |
| <span style="color: gray;">■</span>                           | Pipeline                         |
| <span style="color: brown;">—</span>                          | Interstate                       |
| <span style="color: gray;">—</span>                           | Other Road                       |
| <span style="color: black;">+</span>                          | Railroad                         |
| <span style="color: cyan;">—</span>                           | Stream                           |
| <span style="color: purple;">■</span>                         | West-wide Energy Corridor (WWEC) |
| <span style="color: red;">■</span>                            | Protected Area (EFSC)            |

Boardman to Hemingway Transmission Line Project  
Application for Site Certificate



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



Map Area

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

Z:\UtilServ\Boardman\_Hemingway\Reports\002\_Oregon\_Energy\_Siting\_Council\03\_Final  
ASCI\Exhibits\C\_Project Location Maps\Attachment C-2\Proposed Route\_BAKER\_rev 20180612.mxd

| Project Features |                                                               | Land Status                                     |                                  |
|------------------|---------------------------------------------------------------|-------------------------------------------------|----------------------------------|
|                  | Site Boundary                                                 |                                                 | West-wide Energy Corridor (WWEC) |
|                  | Transmission Centerline                                       |                                                 | Bureau of Land Management        |
|                  | Milepost                                                      |                                                 | Private                          |
|                  | Tenth-mile                                                    |                                                 |                                  |
|                  |                                                               |                                                 |                                  |
| Mileposts        |                                                               | Important Siting Constraints and Other Features |                                  |
|                  | Mile                                                          |                                                 | 100-foot Contours                |
|                  | Tenth-mile                                                    |                                                 | Existing Transmission Lines      |
|                  |                                                               |                                                 | Pipeline                         |
|                  |                                                               |                                                 | Stream                           |
| Work Areas       |                                                               |                                                 |                                  |
|                  | Pulling and Tensioning                                        |                                                 |                                  |
|                  | Structure Work Area                                           |                                                 |                                  |
|                  |                                                               |                                                 |                                  |
| Access           |                                                               |                                                 |                                  |
|                  | Existing Road, Substantial Modification, 71-100% Improvements |                                                 |                                  |
|                  | New Road, Bladed                                              |                                                 |                                  |
|                  | New Road, Primitive                                           |                                                 |                                  |

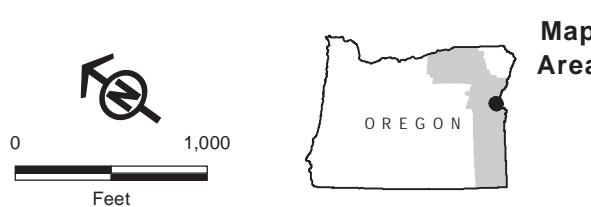
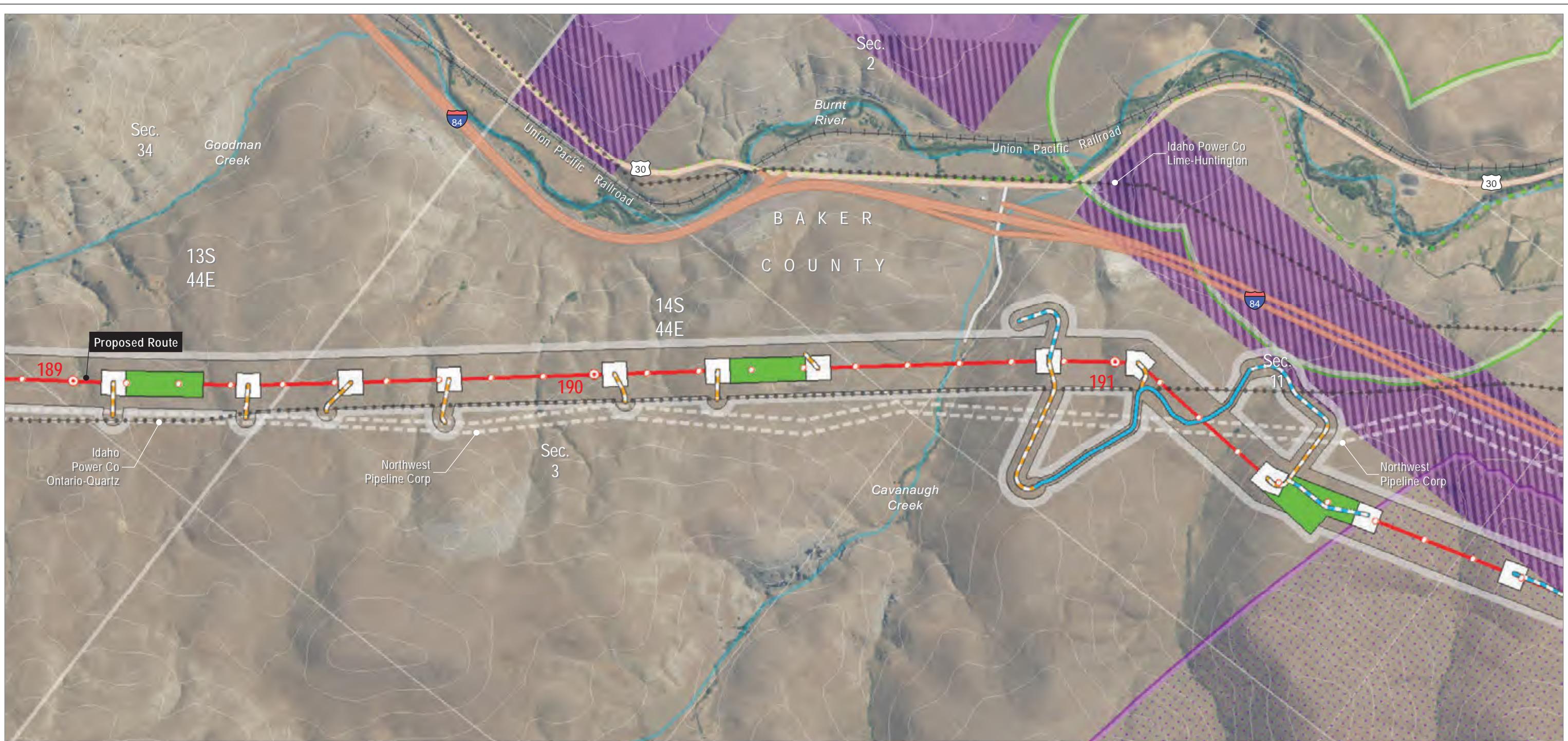
Boardman to Hemingway Transmission Line Project  
Application for Site Certificate



## Attachment C-2 Proposed Route Location Maps

Baker County

Map 89



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

Z:\UtilServ\Boardman\_Hemingway\Reports\002\_Oregon\_Energy\_Siting\_Council\03\_Final  
ASCI\Exhibits\C\_Project Location Maps\Attachment C-2\Proposed Route\_BAKER\_rev 20180612.mxd

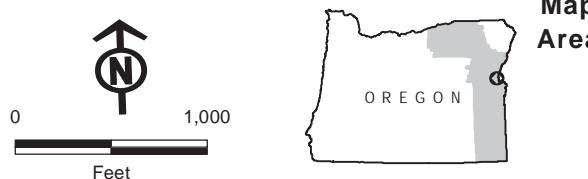
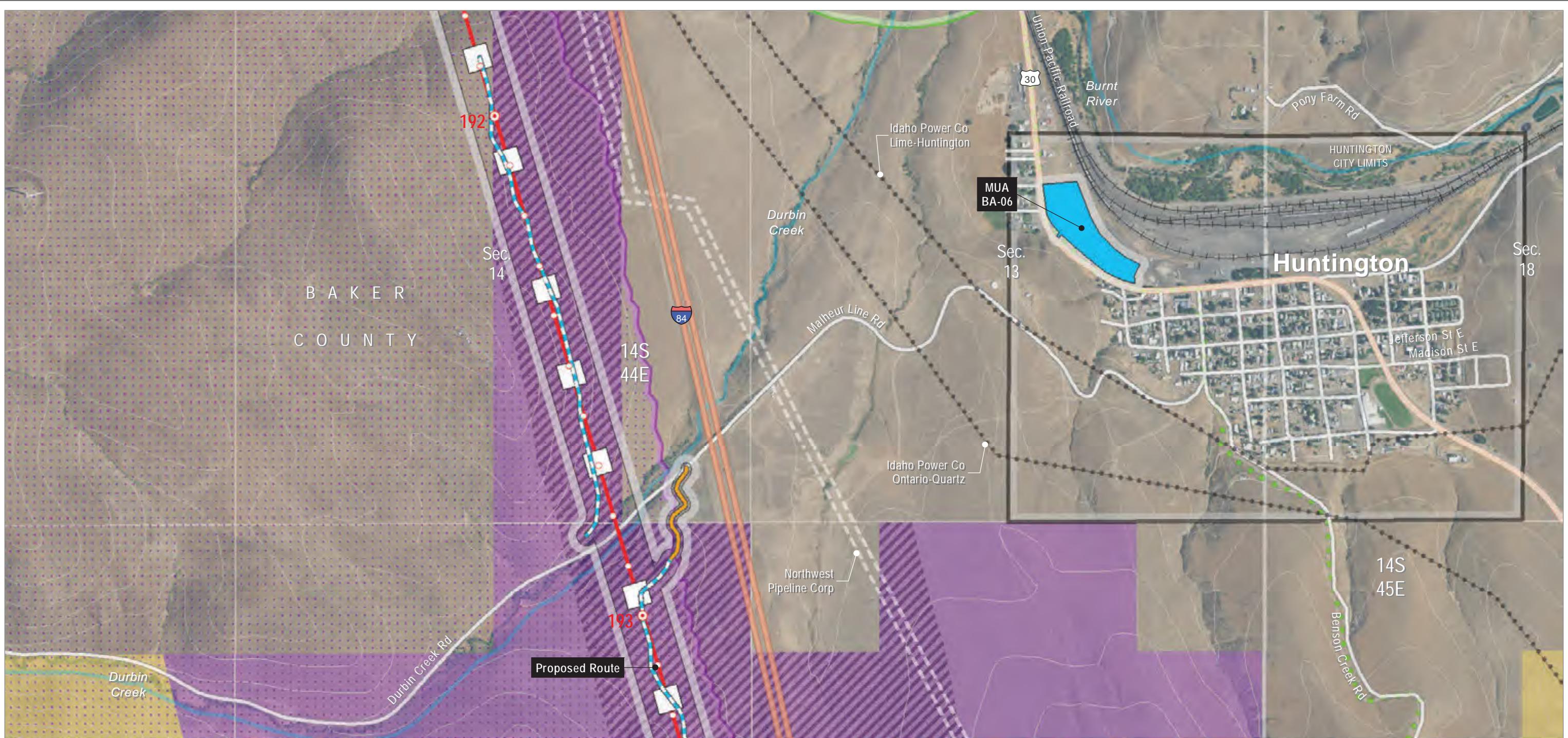
| Project Features                                |                                                                           |
|-------------------------------------------------|---------------------------------------------------------------------------|
|                                                 | Site Boundary                                                             |
|                                                 | Transmission Centerline                                                   |
|                                                 | Milepost                                                                  |
|                                                 | 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, Bladed                                                          |
|                                                 | New Road, Primitive                                                       |
|                                                 | 100-foot Contours                                                         |
|                                                 | Existing Transmission Lines                                               |
|                                                 | Oregon National Historic Trail (NHT)                                      |
|                                                 | Pipeline                                                                  |
|                                                 | Interstate                                                                |
|                                                 | Highway                                                                   |
|                                                 | Other Road                                                                |
|                                                 | Railroad                                                                  |
|                                                 | Stream                                                                    |
|                                                 | Vale District (BLM) Utility Corridor                                      |
|                                                 | Vale District (BLM) Utility Corridor and West-wide Energy Corridor (WWEC) |
|                                                 | West-wide Energy Corridor (WWEC)                                          |
|                                                 | Oregon NHT Intact Segment (1/4-mile buffer)                               |

| 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**



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

Z:\UtilServ\Boardman\_Hemingway\Reports\002\_Oregon\_Energy\_Siting\_Council\03\_Final  
ASCI\Exhibits\C\_Project Location\Maps\Attachment C-2\Proposed Route\_BAKER\_rev 20180612.mxd

| Project Features |                                                              | Important Siting Constraints and Other Features |                                      | Land Status |                                                                           |
|------------------|--------------------------------------------------------------|-------------------------------------------------|--------------------------------------|-------------|---------------------------------------------------------------------------|
|                  | Site Boundary                                                |                                                 | New Road, Bladed                     |             | Railroad                                                                  |
|                  | Transmission Centerline                                      |                                                 | Stream                               |             | City Limits                                                               |
|                  | Mileposts                                                    |                                                 | 100-foot Contours                    |             | Vale District (BLM) Utility Corridor                                      |
|                  | Mile                                                         |                                                 | Existing Transmission Lines          |             | Vale District (BLM) Utility Corridor and West-wide Energy Corridor (WWEC) |
|                  | Tenth-mile                                                   |                                                 | Oregon National Historic Trail (NHT) |             | West-wide Energy Corridor (WWEC)                                          |
|                  | Work Areas                                                   |                                                 | Pipeline                             |             | Oregon NHT Intact Segment (1/4-mile buffer)                               |
|                  | Multi-Use Area                                               |                                                 | Interstate                           |             | Private                                                                   |
|                  | Structure Work Area                                          |                                                 | Highway                              |             |                                                                           |
|                  | Access                                                       |                                                 | Other Road                           |             |                                                                           |
|                  | Existing Road, Substantial Modification, 21-70% Improvements |                                                 |                                      |             |                                                                           |

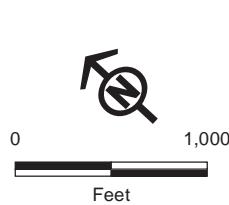
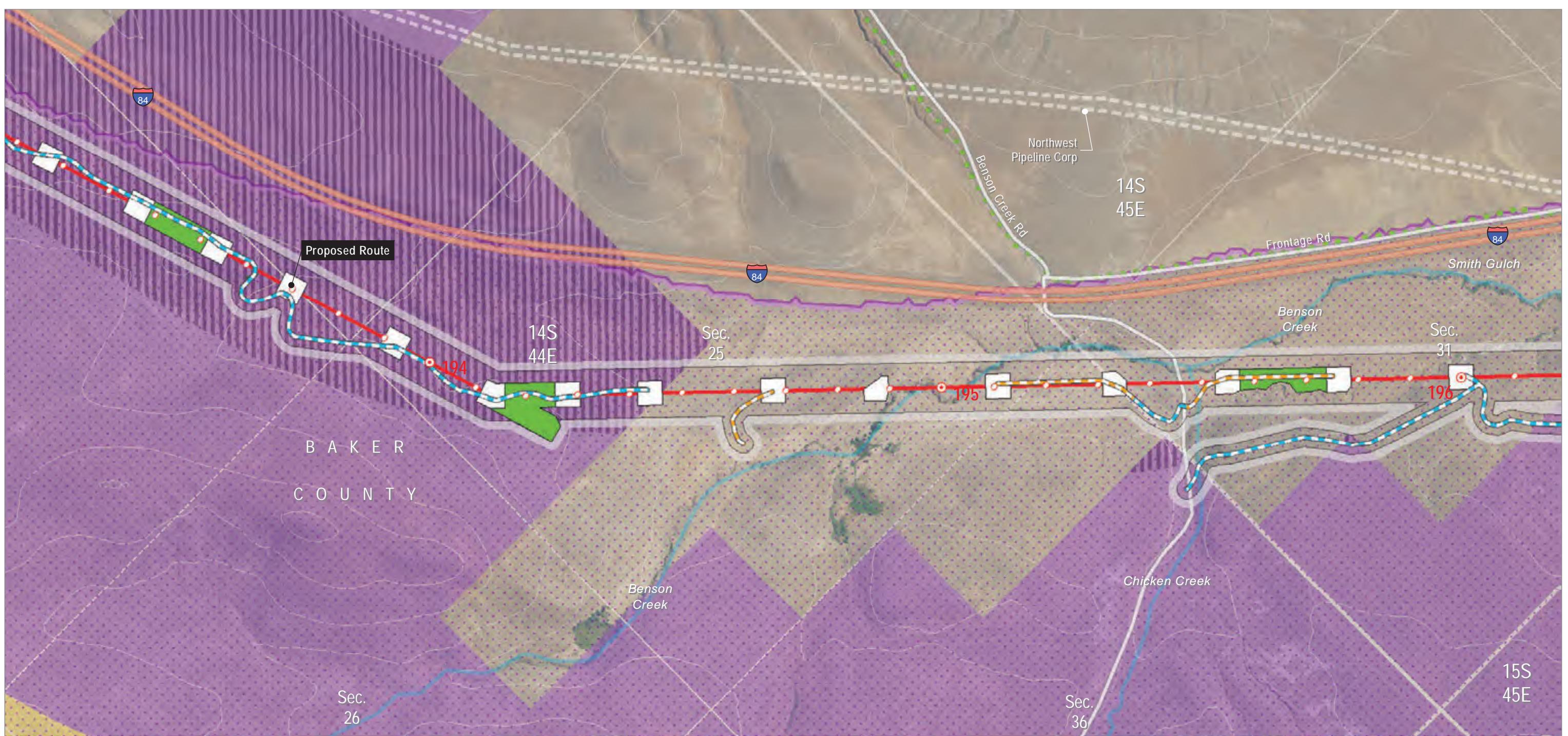
Boardman to Hemingway Transmission Line Project  
Application for Site Certificate



## Attachment C-2 Proposed Route Location Maps

Baker County

Map 91



**Map Area**

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

Z:\UtilServ\Boardman\_Hemingway\Reports\002\_Oregon\_Energy\_Siting\_Council\03\_Final  
ASCI\Exhibits\C\_Project Location Maps\Attachment C-2\Proposed Route\_BAKER\_rev 20180612.mxd

**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 and West-wide Energy Corridor (WWEC)**

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

**Land Status**

- Bureau of Land Management
- Vale District (BLM) Utility Corridor
- Private

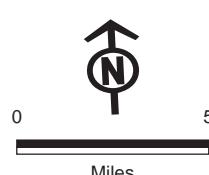
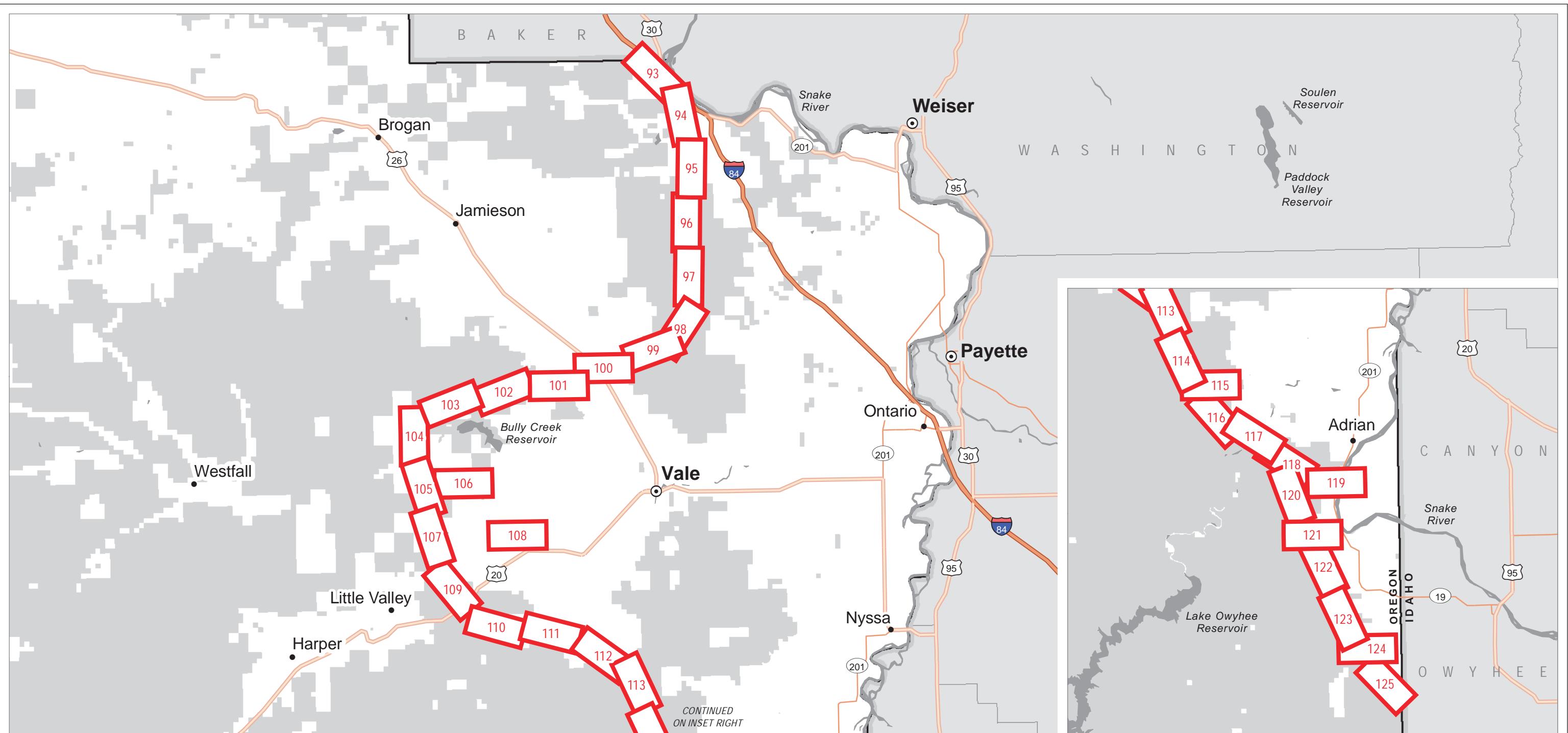
Boardman to Hemingway Transmission Line Project  
Application for Site Certificate



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

Baker County

Map 92



Map Area

Source(s): BLM, IPC, Esri

Z:\UtilServ\Boardman\_Hemingway\Reports\002\_Oregon\_Energy\_Siting\_Council03\_Final  
SCI\Exhibits\Project Location\Maps\Attachment C-2\Index\_Malheur.mxd

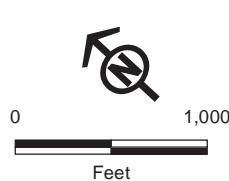
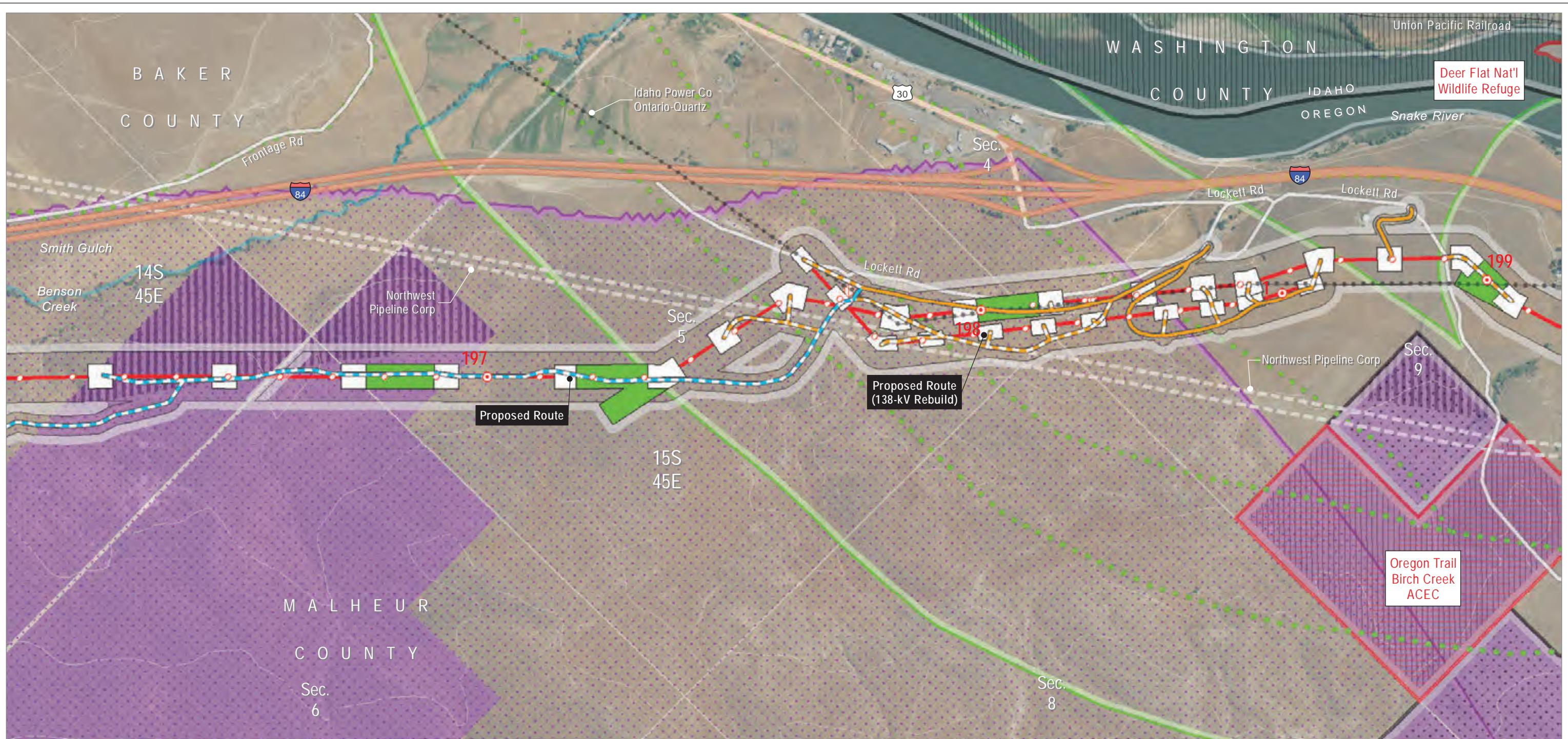
Map Index

■ Location Map (Map #)

Boardman to Hemingway Transmission Line Project  
Application for Site Certificate



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



### 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

Z:\UtilServ\Boardman\_Hemingway\Reports\002\_Oregon\_Energy\_Siting\_Council\03\_Final  
ASCI\Exhibits\C\_Project Location\Maps\Attachment C-2\Proposed Route\_MALHEUR\_rev 20180612.mxd

### 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
- 100-foot Contours

### Important Siting Constraints and Other Features

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

### Land Status

- Bureau of Land Management
- Fish and Wildlife Service
- Private
- Oregon NHT Intact
- Segment (1/4-mile buffer)
- Protected Area (EFSC)
- Sage-grouse Core Area
- VRM 2
- VRM 3

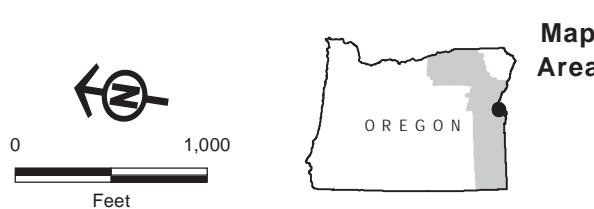
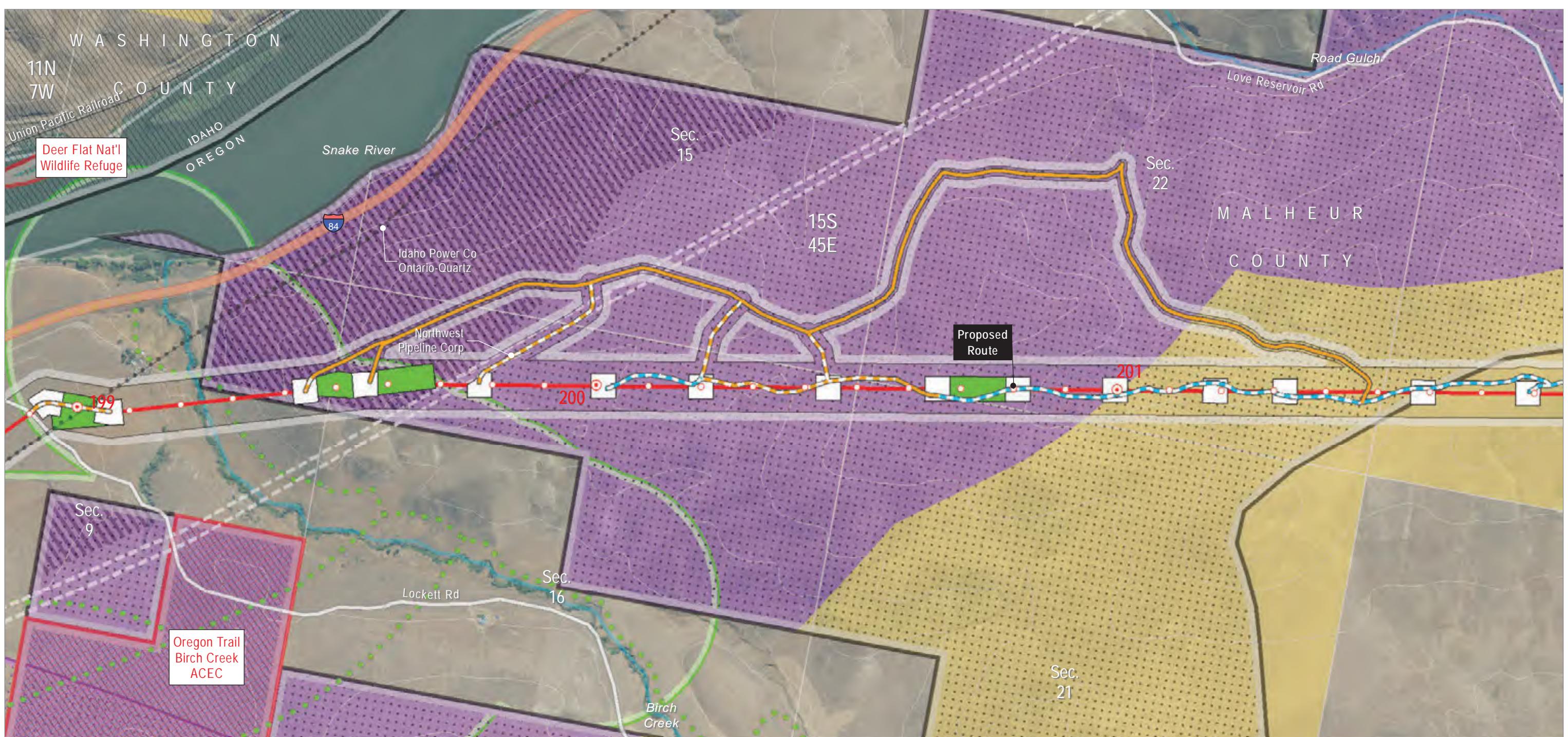
Boardman to Hemingway Transmission Line Project  
Application for Site Certificate



### Attachment C-2 Proposed Route Location Maps

Malheur County

Map 93



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

Z:\UtilServ\Boardman\_Hemingway\Reports\002\_Oregon\_Energy\_Siting\_Council\03\_Final  
ASCI\Exhibits\C\_Project Location\Maps\Attachment C-2\Proposed Route\_MALHEUR\_rev 20180612.mxd

| Project Features         |                                                              | Important Siting Constraints and Other Features |                                      | Land Status              |                                                                           |
|--------------------------|--------------------------------------------------------------|-------------------------------------------------|--------------------------------------|--------------------------|---------------------------------------------------------------------------|
| <input type="checkbox"/> | Site Boundary                                                | <input type="checkbox"/>                        | Railroad                             | <input type="checkbox"/> | Sage-grouse Core Area                                                     |
| <input type="checkbox"/> | Transmission Centerline                                      | <input type="checkbox"/>                        | Stream                               | <input type="checkbox"/> | VRM 2                                                                     |
| <input type="checkbox"/> | Mileposts                                                    | <input type="checkbox"/>                        | Vale District (BLM) Utility Corridor | <input type="checkbox"/> | VRM 3                                                                     |
| <input type="checkbox"/> | Mile                                                         | <input type="checkbox"/>                        | 100-foot Contours                    | <input type="checkbox"/> | Vale District (BLM) Utility Corridor and West-wide Energy Corridor (WWEC) |
| <input type="checkbox"/> | Tenth-mile                                                   | <input type="checkbox"/>                        | Existing Transmission Lines          | <input type="checkbox"/> | West-wide Energy Corridor (WWEC)                                          |
| <input type="checkbox"/> | Work Areas                                                   | <input type="checkbox"/>                        | Oregon National Historic Trail (NHT) | <input type="checkbox"/> | Oregon NHT Intact Segment (1/4-mile buffer)                               |
| <input type="checkbox"/> | Pulling and Tensioning                                       | <input type="checkbox"/>                        | Pipeline                             | <input type="checkbox"/> | Protected Area (EFSC)                                                     |
| <input type="checkbox"/> | Structure Work Area                                          | <input type="checkbox"/>                        | Interstate                           | <input type="checkbox"/> |                                                                           |
| <input type="checkbox"/> | Access                                                       | <input type="checkbox"/>                        | Other Road                           | <input type="checkbox"/> |                                                                           |
| <input type="checkbox"/> | Existing Road, Substantial Modification, 21-70% Improvements | <input type="checkbox"/>                        |                                      | <input type="checkbox"/> |                                                                           |

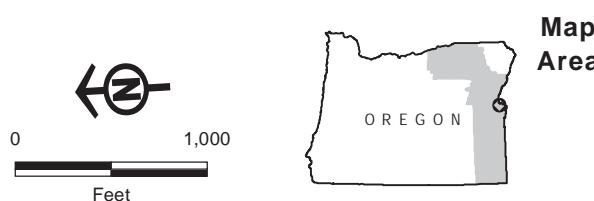
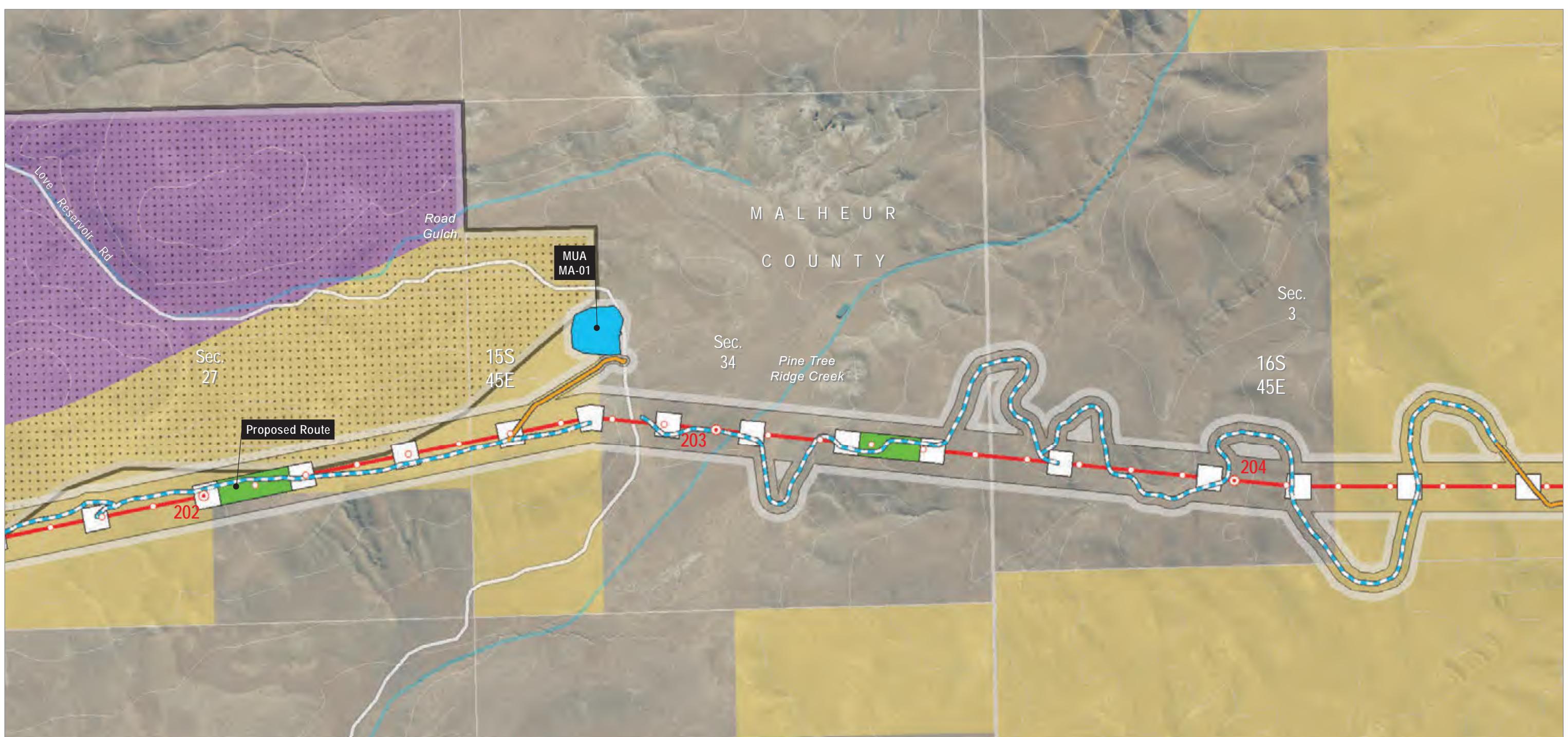
Boardman to Hemingway Transmission Line Project  
Application for Site Certificate



## 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

Z:\UtilServ\Boardman\_Hemingway\Reports\002\_Oregon\_Energy\_Siting\_Council\03\_Final  
ASCI\Exhibits\C\_Project Location Maps\Attachment C-2\Proposed Route\_MALHEUR\_rev 20180612.mxd

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

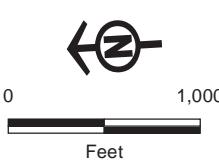
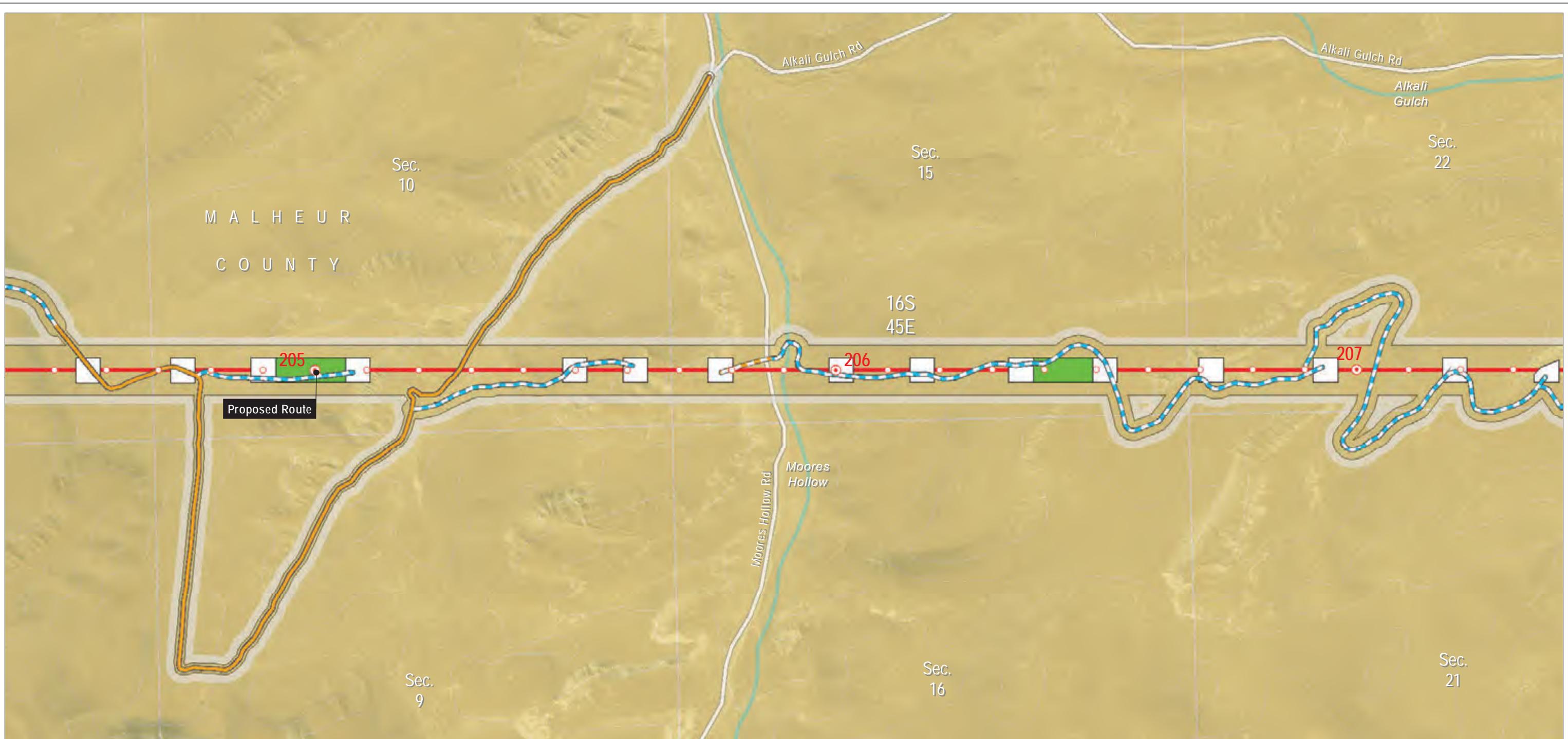
Boardman to Hemingway Transmission Line Project  
Application for Site Certificate



## Attachment C-2 Proposed Route Location Maps

Malheur County

Map 95



Map Area

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

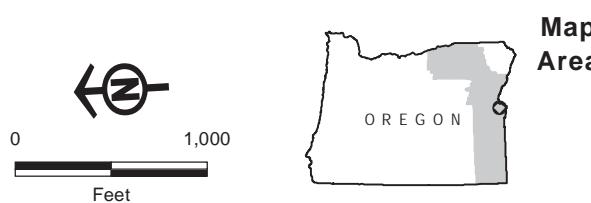
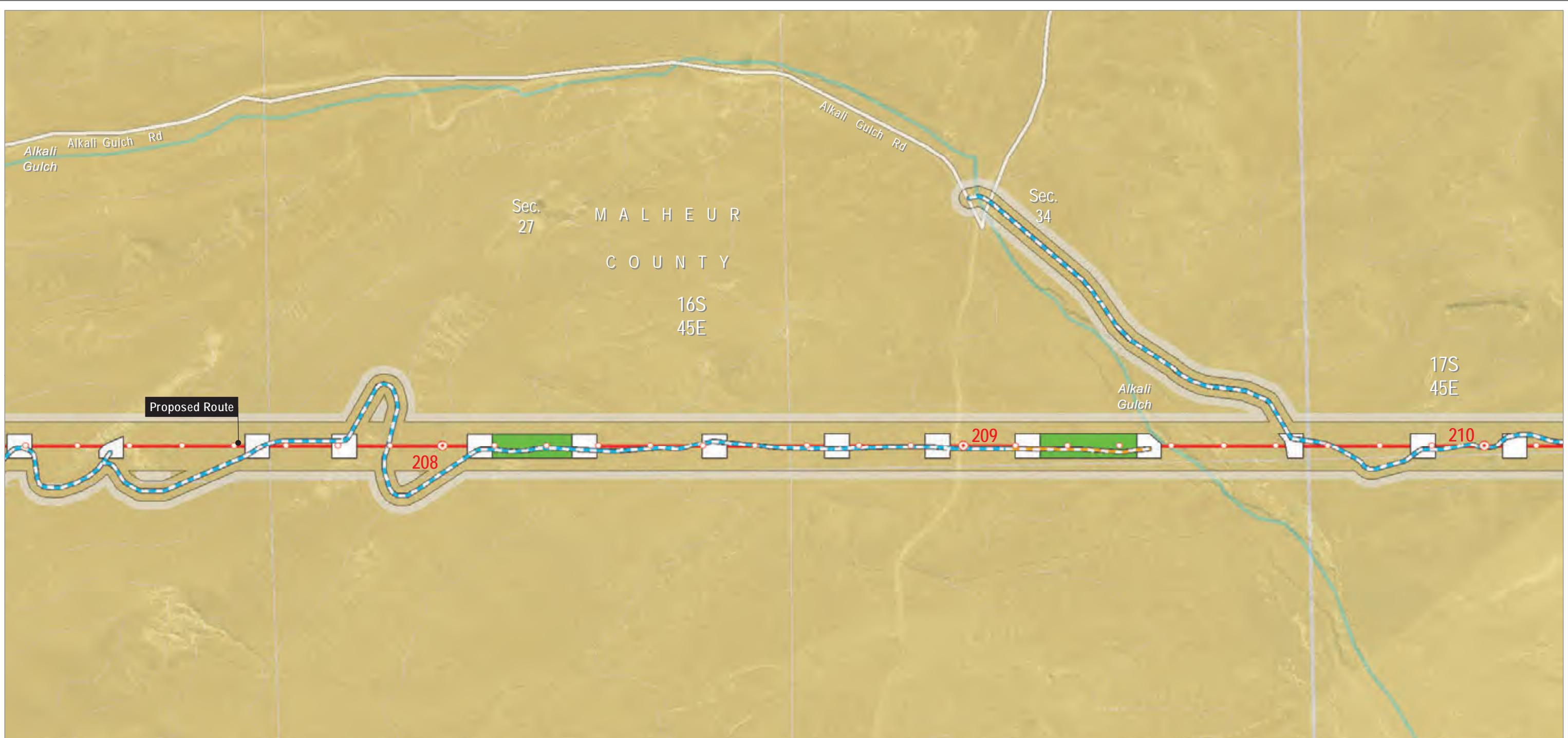
Z:\UtilServ\Boardman\_Hemingway\Reports\002\_Oregon\_Energy\_Siting\_Council\03\_Final  
ASCI\Exhibits\C\_Project Location Maps\Attachment C-2\Proposed Route\_MALHEUR\_rev 20180612.mxd

| Project Features                                |                                                  |
|-------------------------------------------------|--------------------------------------------------|
|                                                 | Site Boundary                                    |
|                                                 |                                                  |
| Mileposts                                       |                                                  |
|                                                 | Mile                                             |
|                                                 | Tenth-mile                                       |
| Work Areas                                      |                                                  |
|                                                 | Pulling and Tensioning                           |
|                                                 | Structure Work Area                              |
| Access                                          |                                                  |
|                                                 | Existing Road,                                   |
|                                                 | Substantial Modification,<br>21-70% Improvements |
| 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



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

Z:\UtilServ\Boardman\_Hemingway\Reports\002\_Oregon\_Energy\_Siting\_Council\03\_Final  
ASCI\Exhibits\C\_Project Location Maps\Attachment C-2\Proposed Route\_MALHEUR\_rev 20180612.mxd

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

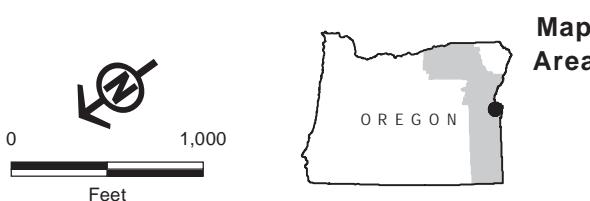
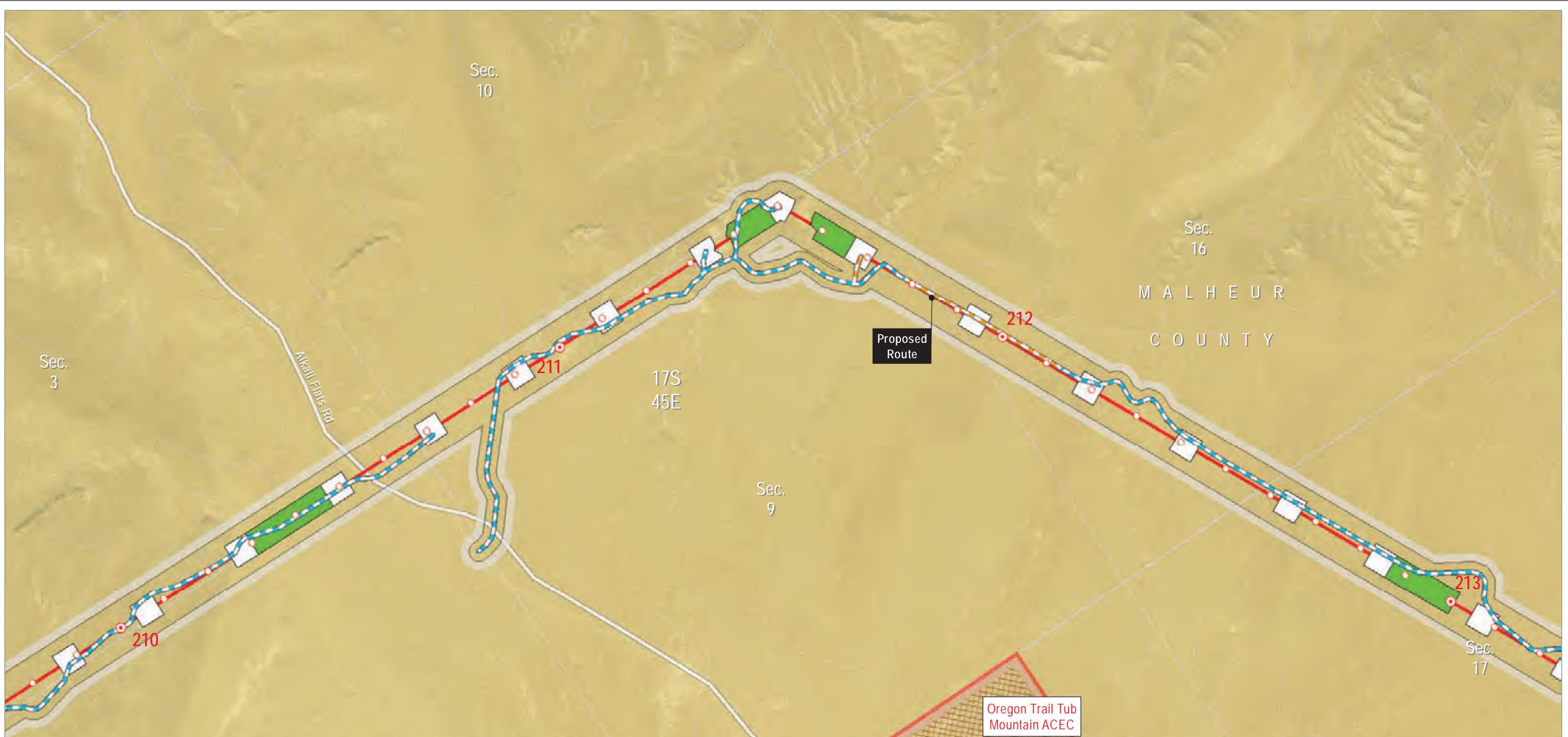
Boardman to Hemingway Transmission Line Project  
Application for Site Certificate



## Attachment C-2 Proposed Route Location Maps

Malheur County

Map 97



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

Z:\UtilServ\Boardman\_Hemingway\Reports\002\_Oregon\_Energy\_Siting\_Council\03\_Final  
ASCI\Exhibits\C\_Project Location Maps\Attachment C-2\Proposed Route\_MALHEUR\_rev 20180612.mxd

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

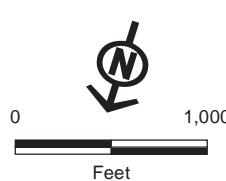
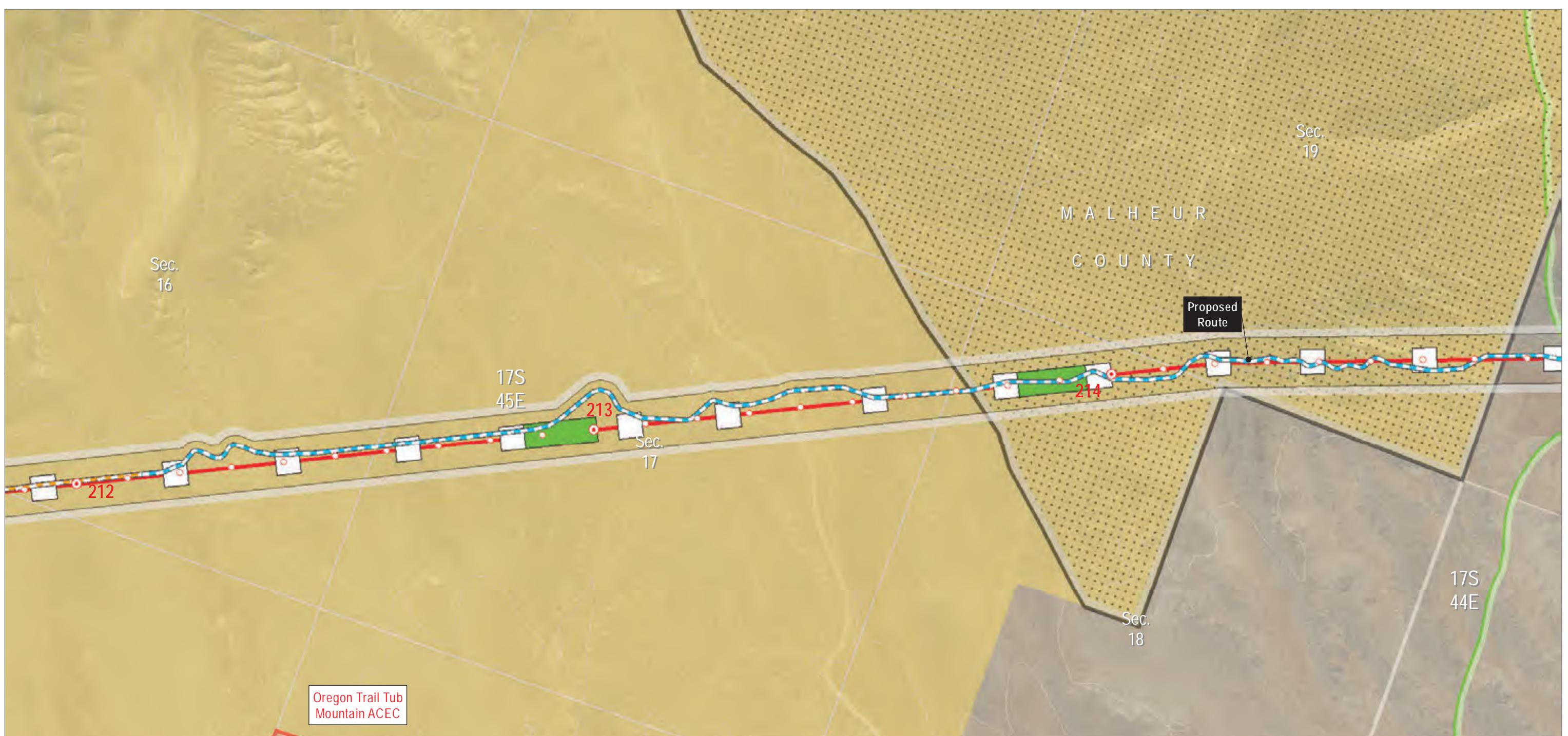
Boardman to Hemingway Transmission Line Project  
Application for Site Certificate



### Attachment C-2 Proposed Route Location Maps

Malheur County

Map 98



Map Area

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

Z:\UtilServ\Boardman\_Hemingway\Reports\002\_Oregon\_Energy\_Siting\_Council\03\_Final  
ASCI\Exhibits\C\_Project Location Maps\Attachment C-2\Proposed Route\_MALHEUR\_rev 20180612.mxd

**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

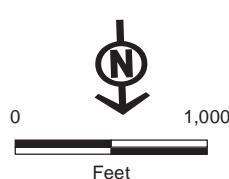
Boardman to Hemingway Transmission Line Project  
Application for Site Certificate



**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, GeoEyes, Earthstar Geographics, CNES/Airbus DS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo

Z:\UtilServ\Boardman\_Hemingway\Reports\002\_Oregon\_Energy\_Siting\_Council\03\_Final  
ASCI\Exhibits\C\_Project Location Maps\Attachment C-2\Proposed Route\_MALHEUR\_rev 20180612.mxd

**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
- Distribution Line to Communication Station (IPC Service Territory Only)
- Important Siting Constraints and Other Features
- 100-foot Contours

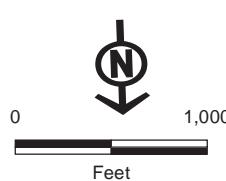
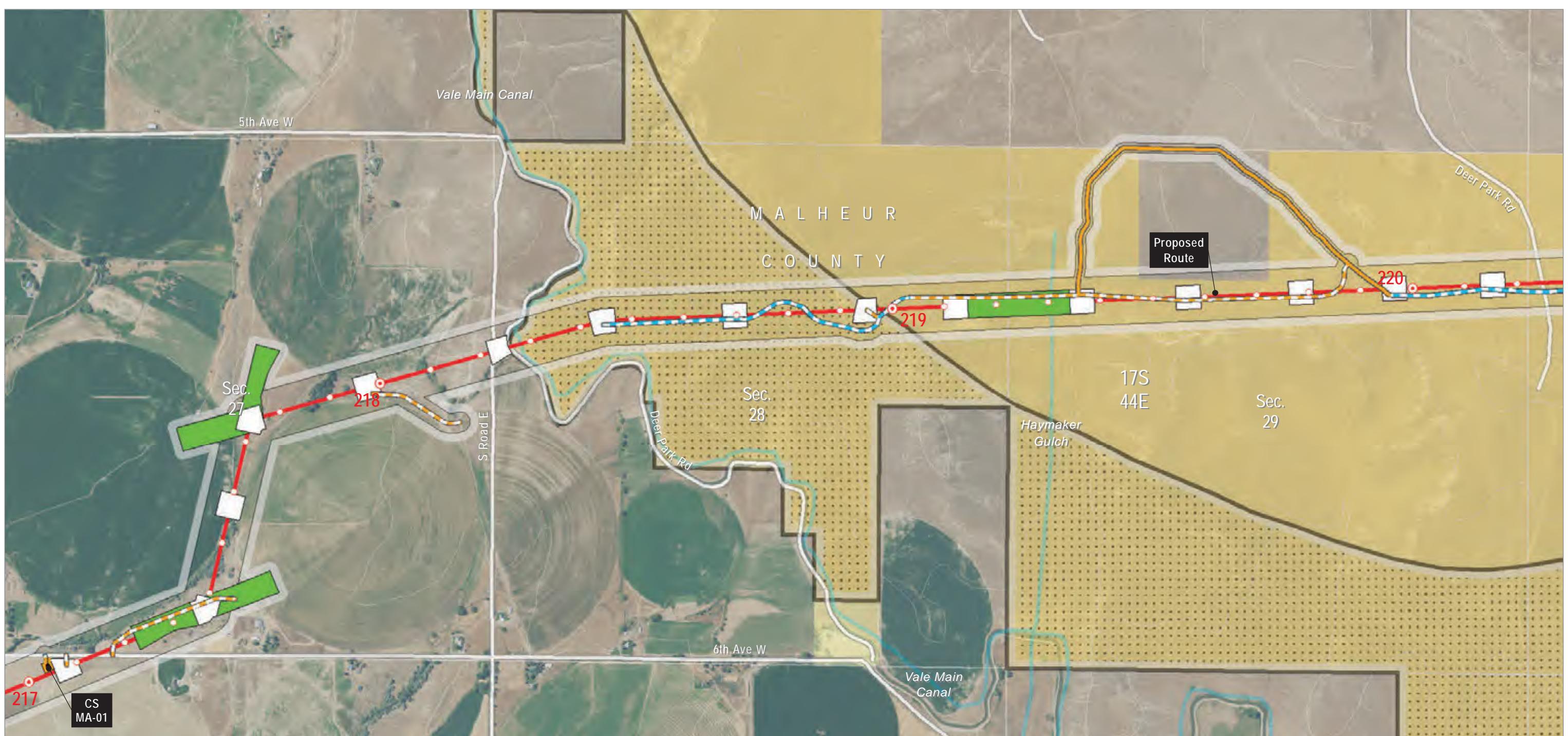
**Land Status**

- Existing Transmission Lines
- Oregon National Historic Trail (NHT)
- Highway
- Other Road
- Stream
- Oregon NHT Intact
- Segment (1/4-mile buffer)
- VRM 3

Boardman to Hemingway Transmission Line Project  
Application for Site Certificate



**Attachment C-2**  
**Proposed Route Location Maps**  
Malheur County  
Map 100



Map Area

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

Z:\UtilServ\Boardman\_Hemingway\Reports\002\_Oregon\_Energy\_Siting\_Council\03\_Final  
ASCI\Exhibits\C\_Project Location Maps\Attachment C-2\Proposed Route\_MALHEUR\_rev 20180612.mxd

Project Features  
□ Site Boundary  
— Transmission Centerline  
Mileposts  
● Mile  
● Tenth-mile  
Work Areas  
■ Communication Station  
■ Pulling and Tensioning  
□ Structure Work Area

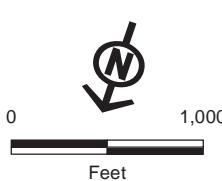
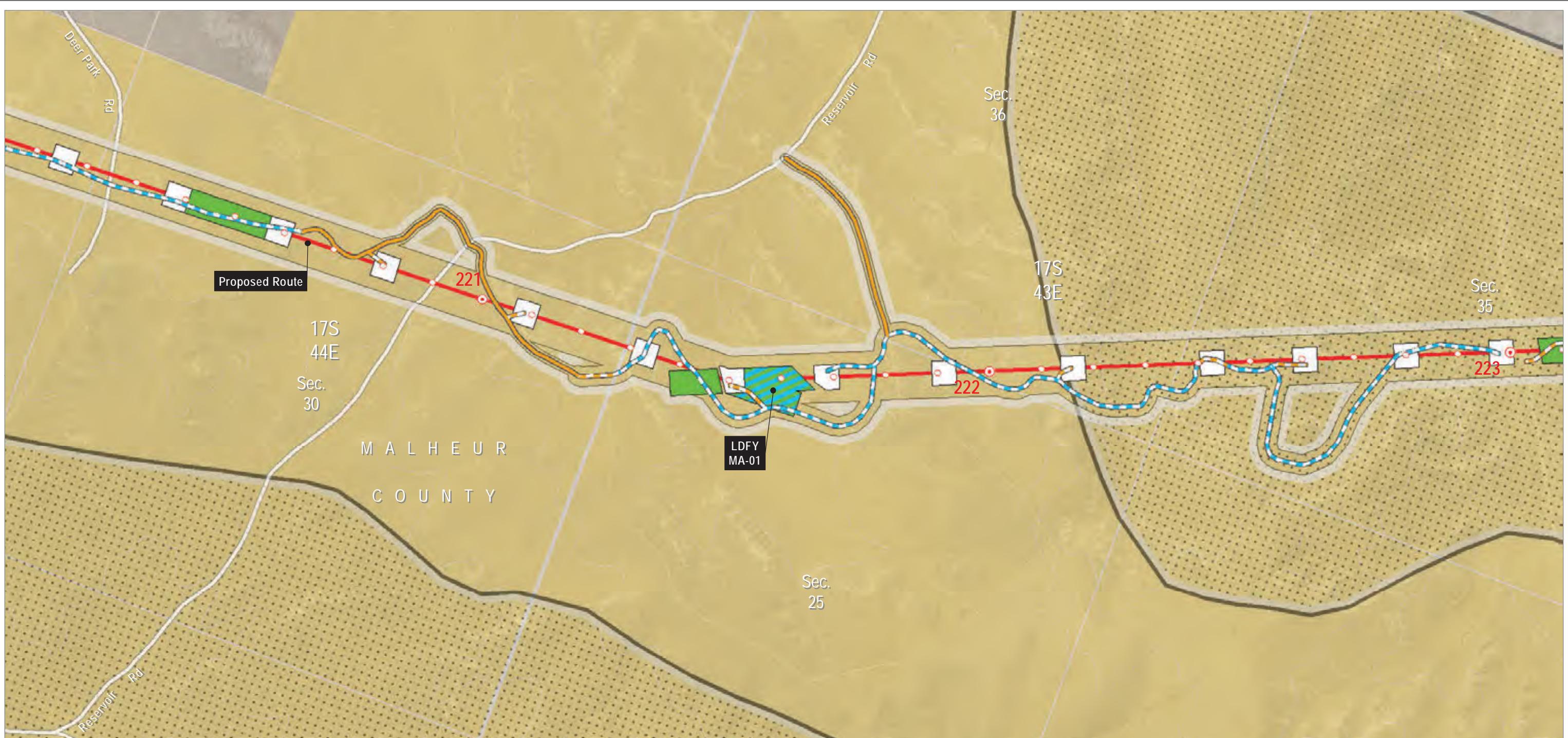
Access  
— Existing Road  
— Substantial Modification, 21-70% Improvements  
— New Road, Bladed  
— New Road, Primitive  
— Distribution Line to Communication Station (IPC Service Territory Only)  
Important Siting Constraints and Other Features  
~ 100-foot Contours

— Other Road  
— Stream  
■ VRM 3  
Land Status  
■ Bureau of Land Management  
■ Bureau of Reclamation  
□ Private

Boardman to Hemingway Transmission Line Project  
Application for Site Certificate



**Attachment C-2**  
**Proposed Route Location Maps**  
Malheur County  
Map 101



**Map Area**

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

Z:\Util\Serv\Boardman\_Hemingway\Reports\002\_Oregon\_Energy\_Siting\_Council\03\_Final  
ASCI\Exhibits\C\_Project Location\Maps\Attachment C-2\Proposed Route\_MALHEUR\_rev 20180612.mxd

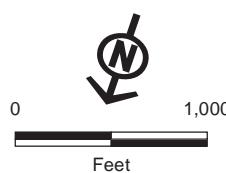
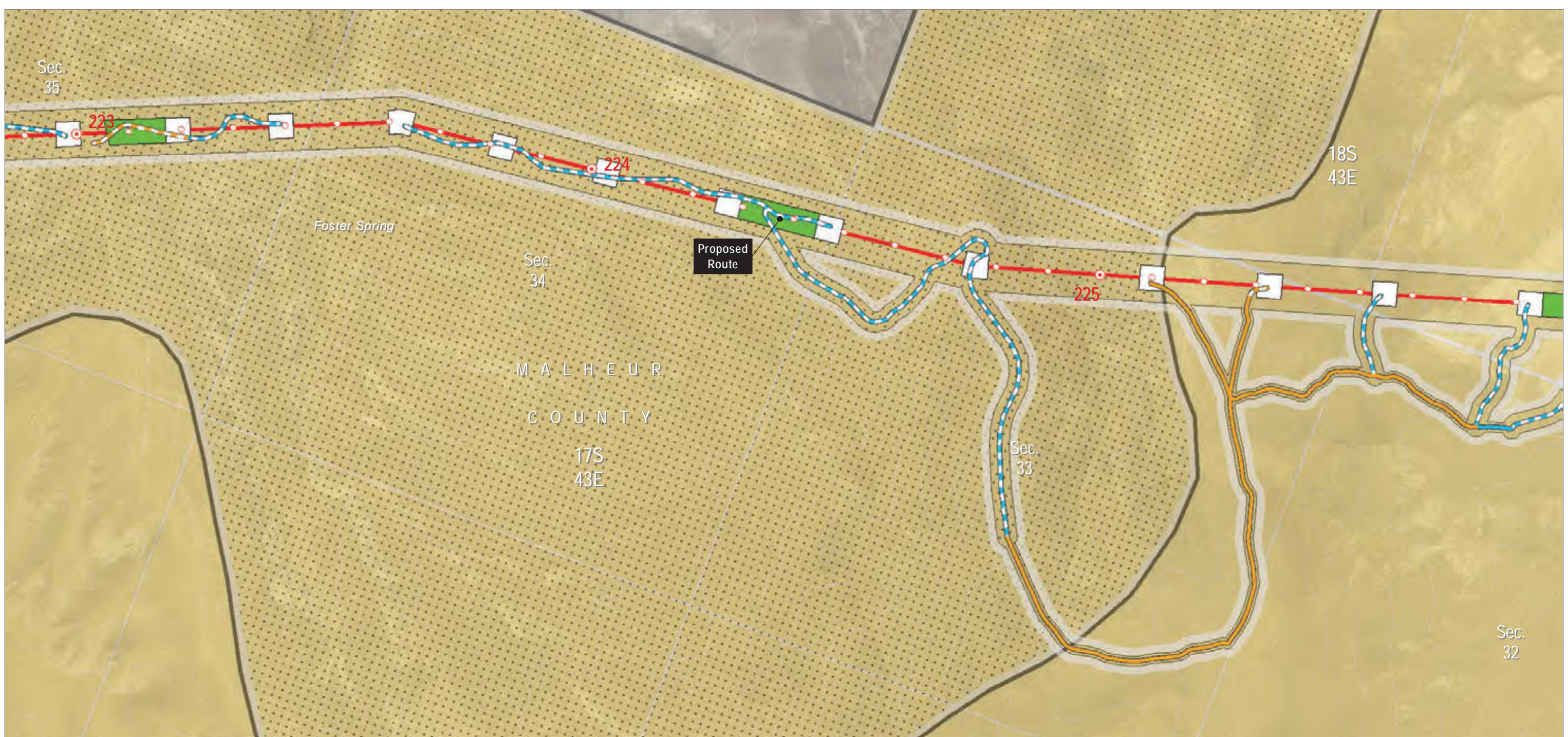
**Project Features**  
■ Site Boundary  
— Transmission Centerline  
**Mileposts**  
● Mile  
○ Tenth-mile  
**Work Areas**  
■ Light-Duty Fly Yard  
■ Pulling and Tensioning  
□ Structure Work Area

**Access**  
— Existing Road, Substantial Modification, 21-70% Improvements  
— New Road, Bladed  
— New Road, Primitive  
**Land Status**  
■ Bureau of Land Management  
□ Private  
**Important Siting Constraints and Other Features**  
~ 100-foot Contours  
— Other Road  
■ VRM 3

Boardman to Hemingway Transmission Line Project  
Application for Site Certificate



**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

Z:\UtilServ\Boardman\_Hemingway\Reports\002\_Oregon\_Energy\_Siting\_Council\03\_Final  
ASCI\Exhibits\C\_Project Location\Maps\Attachment C-2\Proposed Route\_MALHEUR\_rev 20180612.mxd

| Project Features                                        |                                                               |
|---------------------------------------------------------|---------------------------------------------------------------|
| <input type="checkbox"/>                                | Site Boundary                                                 |
| <input style="border: 2px solid red;" type="checkbox"/> | Transmission Centerline                                       |
| <input type="checkbox"/>                                | Existing Road, Substantial Modification, 71-100% Improvements |
| <input type="checkbox"/>                                | New Road, Bladed                                              |
| <input type="checkbox"/>                                | New Road, Primitive                                           |
| <input type="checkbox"/>                                | Private                                                       |
| Mileposts                                               |                                                               |
| <input type="radio"/>                                   | Mile                                                          |
| <input type="radio"/>                                   | Tenth-mile                                                    |
| Important Siting Constraints and Other Features         |                                                               |
| <input type="checkbox"/>                                | 100-foot Contours                                             |
| <input type="checkbox"/>                                | VRM 3                                                         |
| Land Status                                             |                                                               |
| <input type="checkbox"/>                                | Bureau of Land Management                                     |
| <input type="checkbox"/>                                | Bureau of Reclamation                                         |

| Project Features                                        |                                                               |
|---------------------------------------------------------|---------------------------------------------------------------|
| <input type="checkbox"/>                                | Site Boundary                                                 |
| <input style="border: 2px solid red;" type="checkbox"/> | Transmission Centerline                                       |
| <input type="checkbox"/>                                | Existing Road, Substantial Modification, 71-100% Improvements |
| <input type="checkbox"/>                                | New Road, Bladed                                              |
| <input type="checkbox"/>                                | New Road, Primitive                                           |
| <input type="checkbox"/>                                | Private                                                       |
| Mileposts                                               |                                                               |
| <input type="radio"/>                                   | Mile                                                          |
| <input type="radio"/>                                   | Tenth-mile                                                    |
| Important Siting Constraints and Other Features         |                                                               |
| <input type="checkbox"/>                                | 100-foot Contours                                             |
| <input type="checkbox"/>                                | VRM 3                                                         |
| Land Status                                             |                                                               |
| <input type="checkbox"/>                                | Bureau of Land Management                                     |
| <input type="checkbox"/>                                | Bureau of Reclamation                                         |

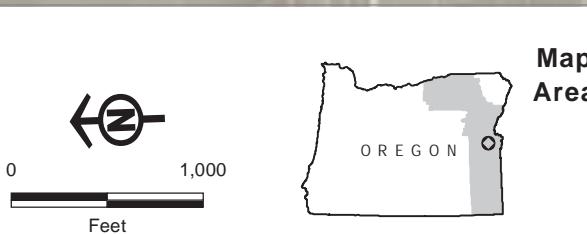
Boardman to Hemingway Transmission Line Project  
Application for Site Certificate



## Attachment C-2 Proposed Route Location Maps

Malheur County

Map 103



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

Z:\UtilServ\Boardman\_Hemingway\Reports\002\_Oregon\_Energy\_Siting\_Council\03\_Final  
ASCI\Exhibits\C\_Project Location Maps\Attachment C-2\Proposed Route\_MALHEUR\_rev 20180612.mxd

**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

**Stream**

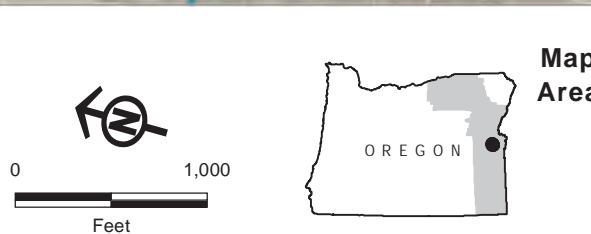
**Land Status**

- Bureau of Land Management
- Private

Boardman to Hemingway Transmission Line Project  
Application for Site Certificate



**Attachment C-2**  
**Proposed Route Location Maps**  
Malheur County  
Map 104



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

Z:\UtilServ\Boardman\_Hemingway\Reports\002\_Oregon\_Energy\_Siting\_Council\03\_Final  
ASCI\ExhibitsC\Project Location Maps\Attachment C-2\Proposed Route\_MALHEUR\_rev 20180612.mxd

|                                                                                       |                                                               |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------|
| <b>Project Features</b>                                                               |                                                               |
| <input type="checkbox"/> Site Boundary                                                | Existing Road, Substantial Modification, 71-100% Improvements |
| <input type="checkbox"/> Transmission Centerline                                      | <input type="checkbox"/> New Road, Bladed                     |
|                                                                                       | <input type="checkbox"/> New Road, Primitive                  |
| <b>Mileposts</b>                                                                      |                                                               |
| ● Mile                                                                                |                                                               |
| ○ Tenth-mile                                                                          |                                                               |
| <b>Work Areas</b>                                                                     |                                                               |
| <input type="checkbox"/> Pulling and Tensioning                                       | <b>Important Siting Constraints and Other Features</b>        |
| <input type="checkbox"/> Structure Work Area                                          | <input type="checkbox"/> 100-foot Contours                    |
| <b>Access</b>                                                                         | <input type="checkbox"/> Stream                               |
| <input type="checkbox"/> Existing Road, Substantial Modification, 21-70% Improvements | <b>Land Status</b>                                            |
|                                                                                       | <input type="checkbox"/> Bureau of Land Management            |
|                                                                                       | <input type="checkbox"/> Bureau of Reclamation                |

Private

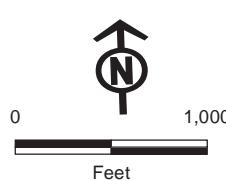
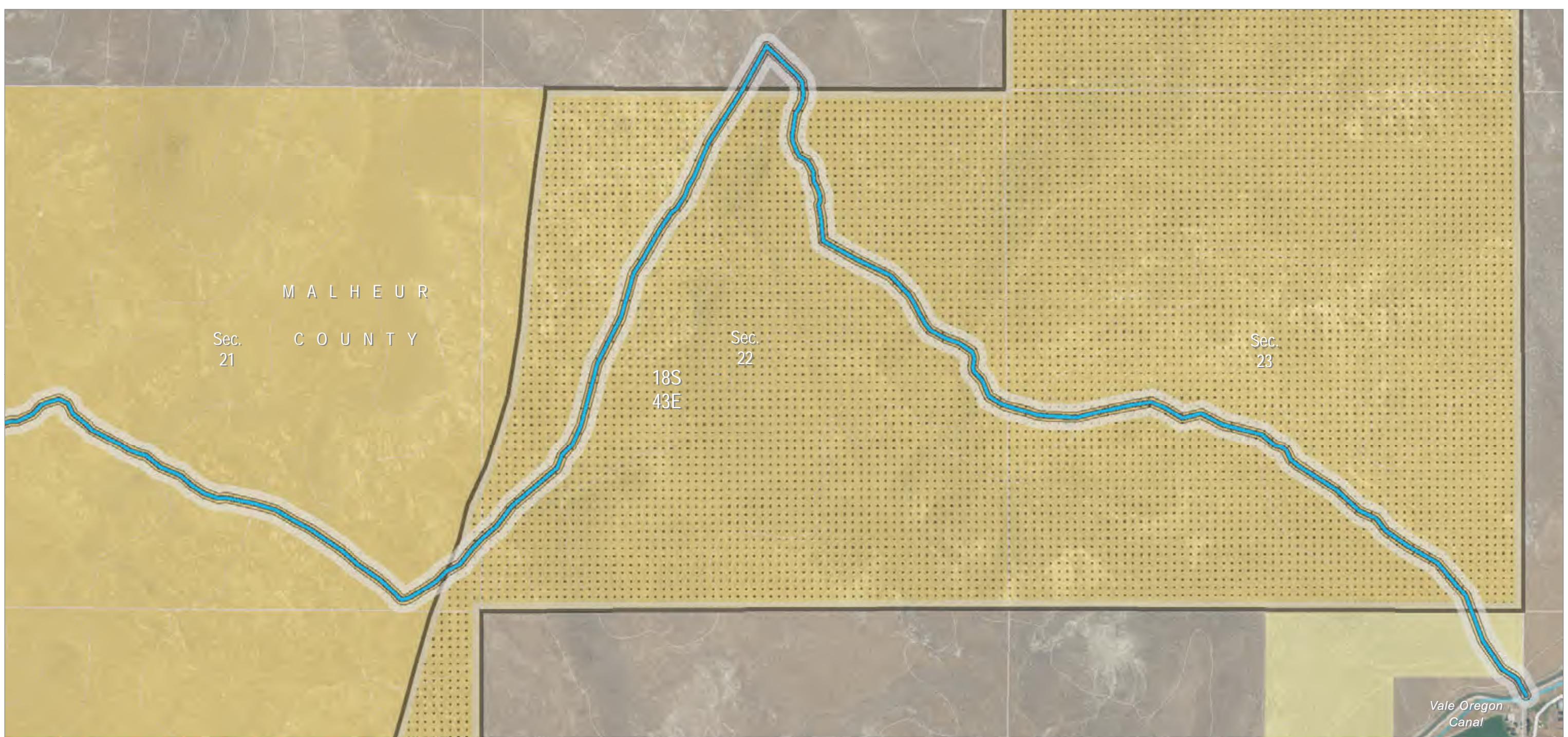
Boardman to Hemingway Transmission Line Project  
Application for Site Certificate



## Attachment C-2 Proposed Route Location Maps

Malheur County

Map 105



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

Z:\UtilServ\Boardman\_Hemingway\Reports\002\_Oregon\_Energy\_Siting\_Council\03\_Final  
ASCI\Exhibits\C\_Project Location Maps\Attachment C-2\Proposed Route\_MALHEUR\_rev 20180612.mxd

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

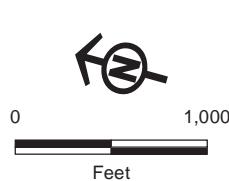
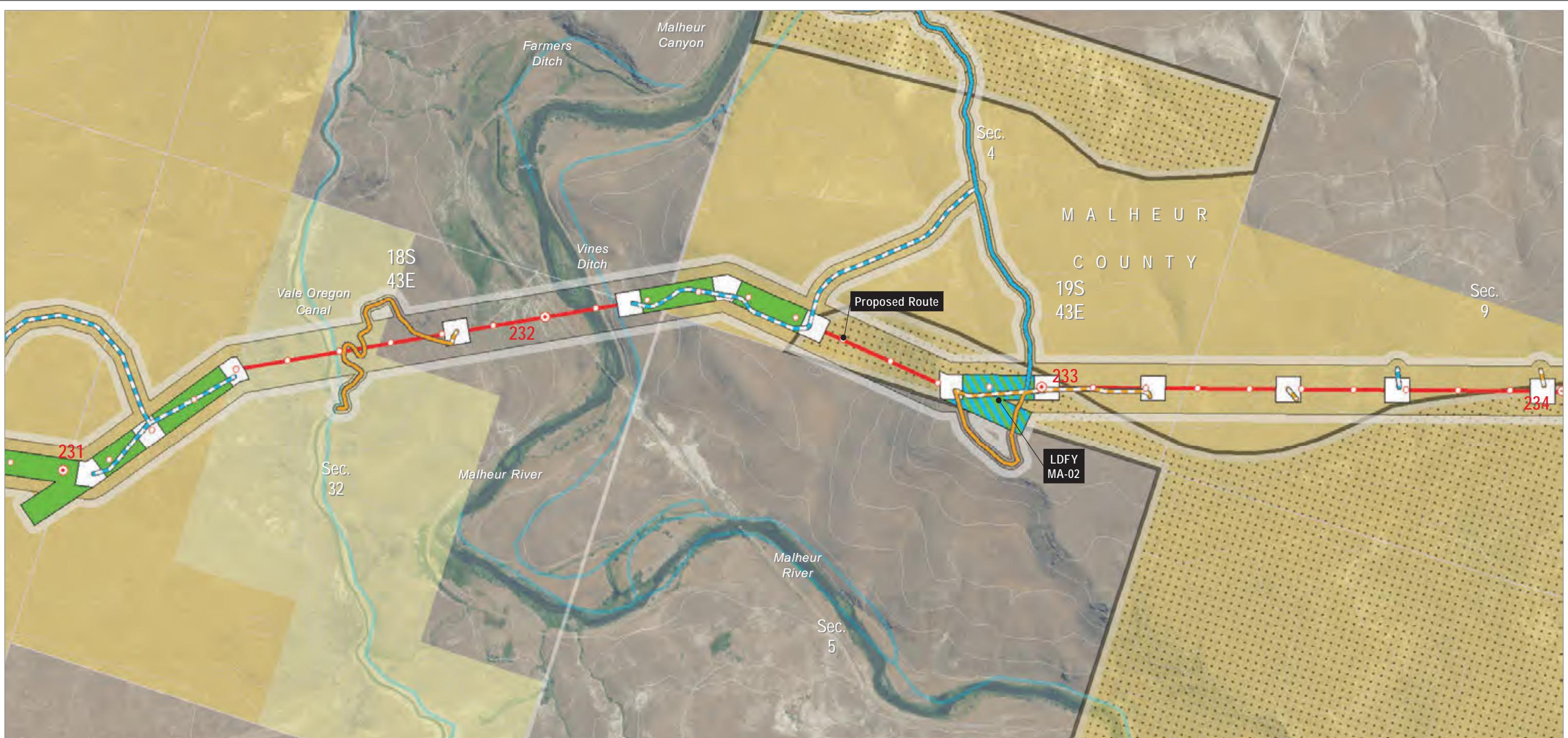
Boardman to Hemingway Transmission Line Project  
Application for Site Certificate



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

Malheur County

Map 106



Map Area

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

Z:\UtilServ\Boardman\_Hemingway\Reports\002\_Oregon\_Energy\_Siting\_Council\03\_Final  
ASCI\Exhibits\C\_Project Location Maps\Attachment C-2\Proposed Route\_MALHEUR\_rev 20180612.mxd

**Project Features**  
■ Site Boundary  
— Transmission Centerline  
**Mileposts**  
● Mile  
○ Tenth-mile  
**Work Areas**  
■ Light-Duty Fly Yard  
■ Pulling and Tensioning  
□ Structure Work Area

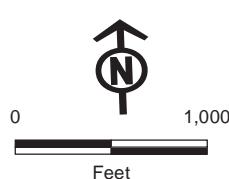
**Access**  
■ Existing Road, Substantial Modification, 21-70% Improvements  
■ Existing Road, Substantial Modification, 71-100% Improvements  
■ New Road, Bladed  
■ New Road, Primitive  
**Important Siting Constraints and Other Features**  
~ 100-foot Contours  
~ Stream

**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 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

Z:\UtilServ\Boardman\_Hemingway\Reports\002\_Oregon\_Energy\_Siting\_Council\03\_Final  
ASCI\Exhibits\C\_Project Location Maps\Attachment C-2\Proposed Route\_MALHEUR\_rev 20180612.mxd

| Project Features                                | Land Status |
|-------------------------------------------------|-------------|
| ■ Site Boundary                                 | ■ Private   |
| Work Areas                                      |             |
| ■ Multi-Use Area                                |             |
| Important Siting Constraints and Other Features |             |
| ~ 100-foot Contours                             |             |
| • Existing Transmission Lines                   |             |
| — Other Road                                    |             |
| — Railroad                                      |             |
| — Stream                                        |             |

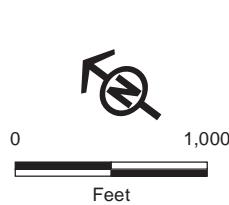
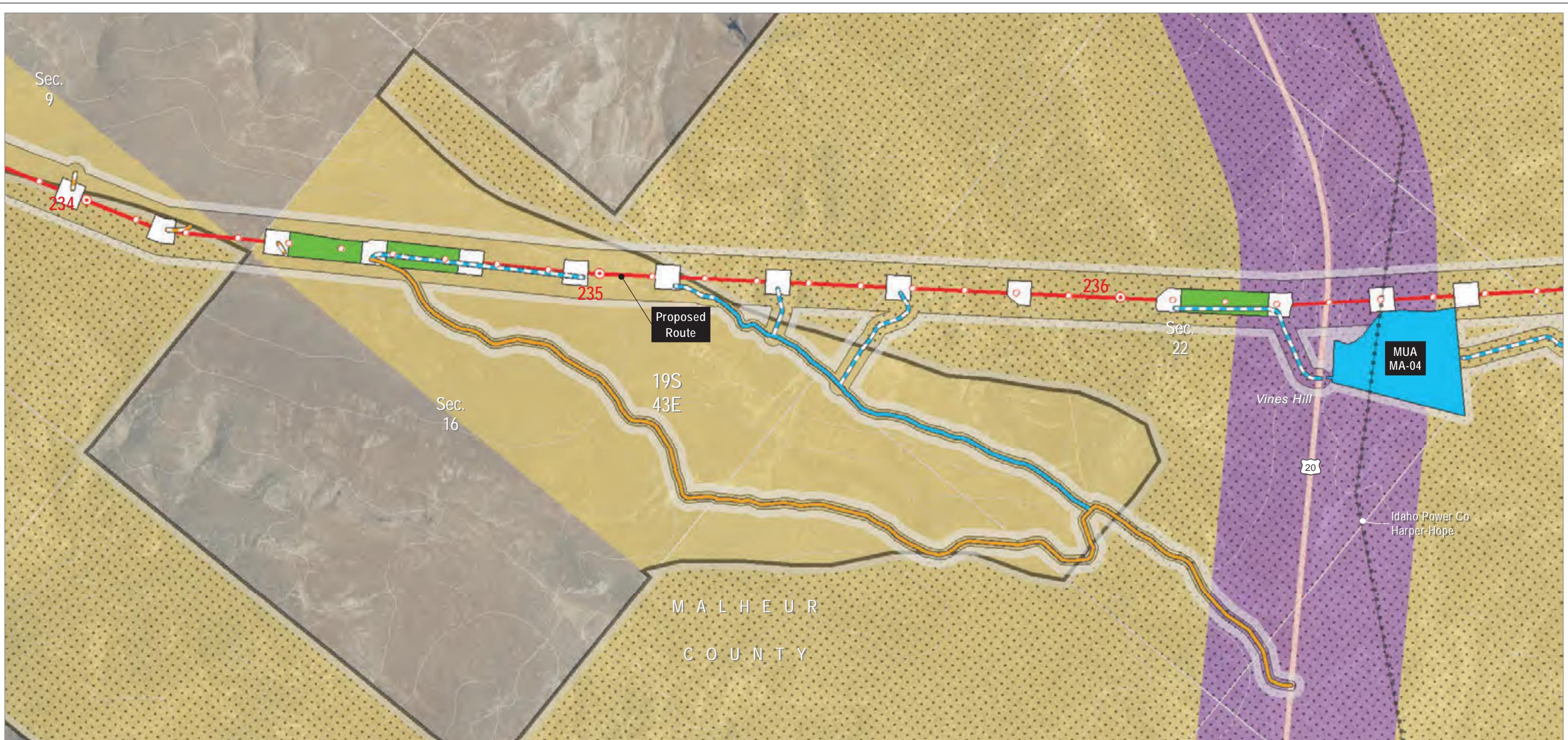
Boardman to Hemingway Transmission Line Project  
Application for Site Certificate



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

Malheur County

Map 108



**Map Area**

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

Z:\UtilServ\Boardman\_Hemingway\Reports\002\_Oregon\_Energy\_Siting\_Council\03\_Final  
ASCI\Exhibits\C\_Project Location Maps\Attachment C-2\Proposed Route\_MALHEUR\_rev 20180612.mxd

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

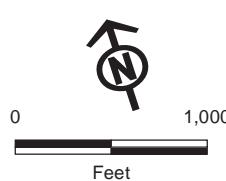
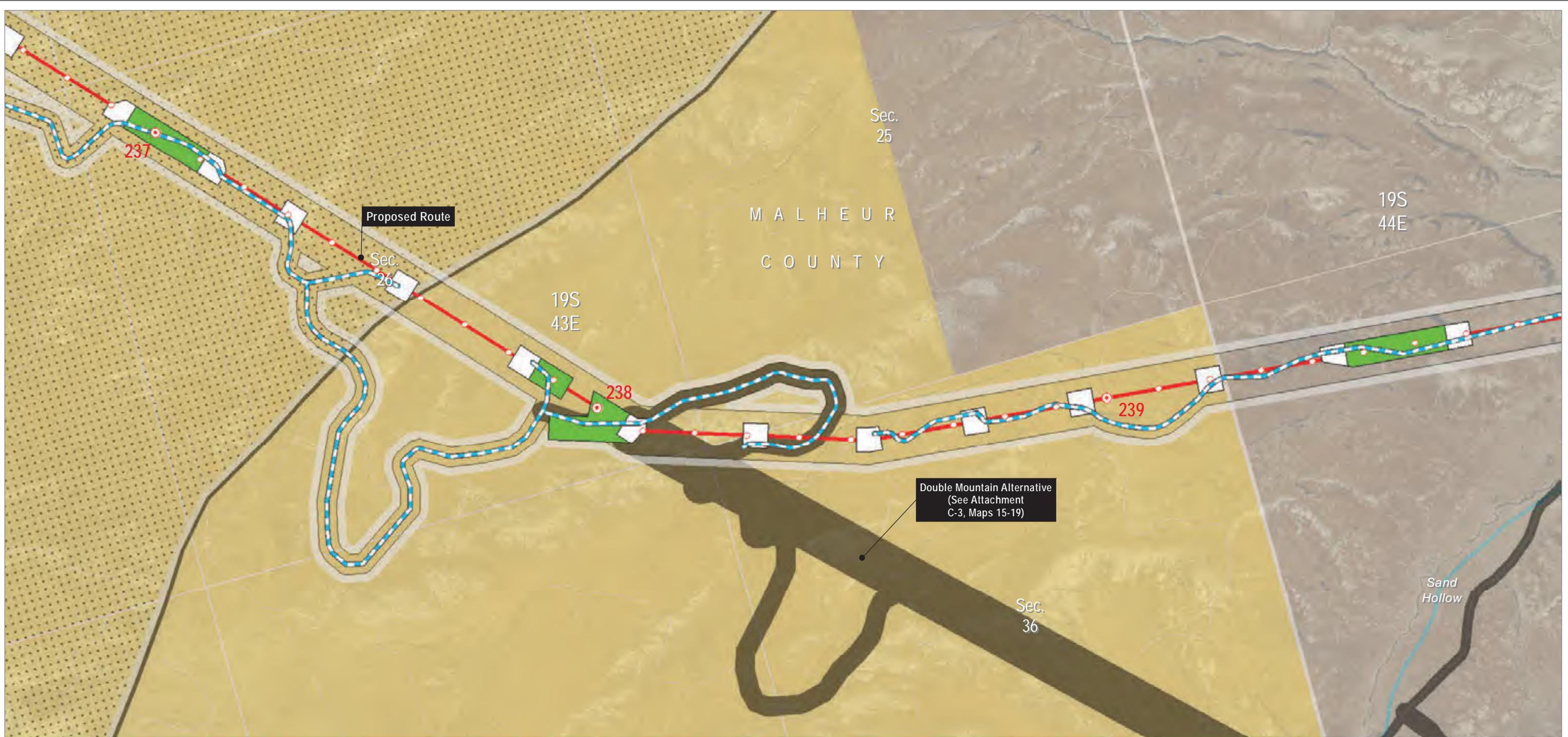
**Access**  
●— Existing Transmission Lines  
— Existing Road, Substantial Modification, 21-70% Improvements  
— Existing Road, Substantial Modification, 71-100% Improvements  
— New Road, Bladed  
— New Road, Primitive  
**Important Siting Constraints and Other Features**  
— 100-foot Contours

●— Existing Transmission Lines  
— Highway  
— Vale District (BLM) Utility Corridor  
::: VRM 3  
**Land Status**  
■ Bureau of Land Management  
□ Private

Boardman to Hemingway Transmission Line Project  
Application for Site Certificate



**Attachment C-2**  
**Proposed Route Location Maps**  
**Malheur County**  
**Map 109**



Map Area

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

Z:\UtilServ\Boardman\_Hemingway\Reports\002\_Oregon\_Energy\_Siting\_Council\03\_Final  
ASCI\Exhibits\C\_Project Location\Maps\Attachment C-2\Proposed Route\_MALHEUR\_rev 20180612.mxd

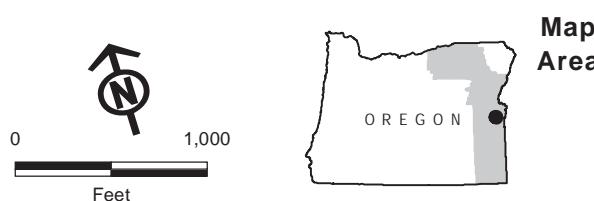
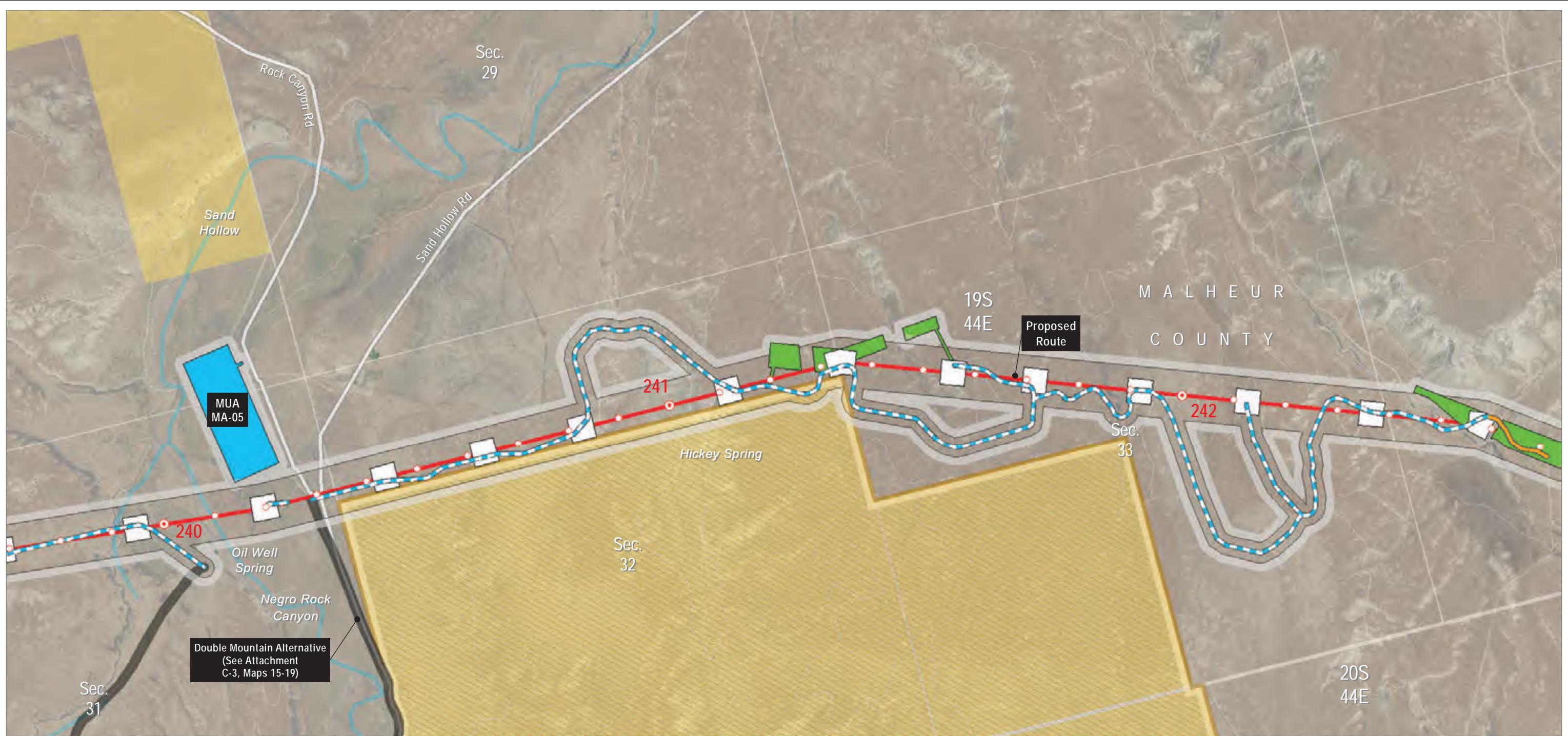
Project Features  
 Site Boundary  
 Alternative  
— Transmission Centerline  
Mileposts  
● Mile  
○ Tenth-mile  
Work Areas  
 Pulling and Tensioning  
 Structure Work Area  
Access  
— New Road, Bladed

Important Siting Constraints and Other Features  
— 100-foot Contours  
— Stream  
 VRM 3  
Land Status  
 Bureau of Land Management  
 Private

Boardman to Hemingway Transmission Line Project  
Application for Site Certificate



**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

Z:\UtilServ\Boardman\_Hemingway\Reports\002\_Oregon\_Energy\_Siting\_Council\03\_Final  
ASCI\Exhibits\C\_Project Location\Maps\Attachment C-2\Proposed Route\_MALHEUR\_rev 20180612.mxd

**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**

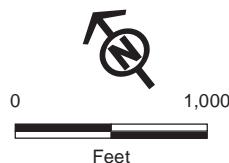
**Land Status**

- 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



A black outline of the state of Oregon. Inside the outline, the word "OREGON" is printed in capital letters. A small black dot is located in the lower right quadrant of the state's interior.

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

Z:\UtilServ\Boardman\_Hemingway\Reports\002\_Oregon\_Energy\_Siting\_Council\03\_Final  
ASC\Exhibits\C\_Project Location\Maps\Attachment C-2\Proposed Route\_MALHEUR\_rev 20180612.mxd

## Map Area

**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)

**100-foot Contours**

- Other Road
- Wilderness
- Characteristic Unit
- Meeting Wilderness Criteria
- Land Status
  - Bureau of Land Management
  - Private

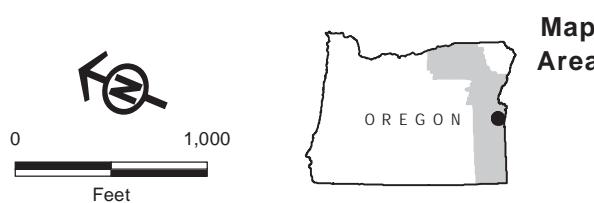
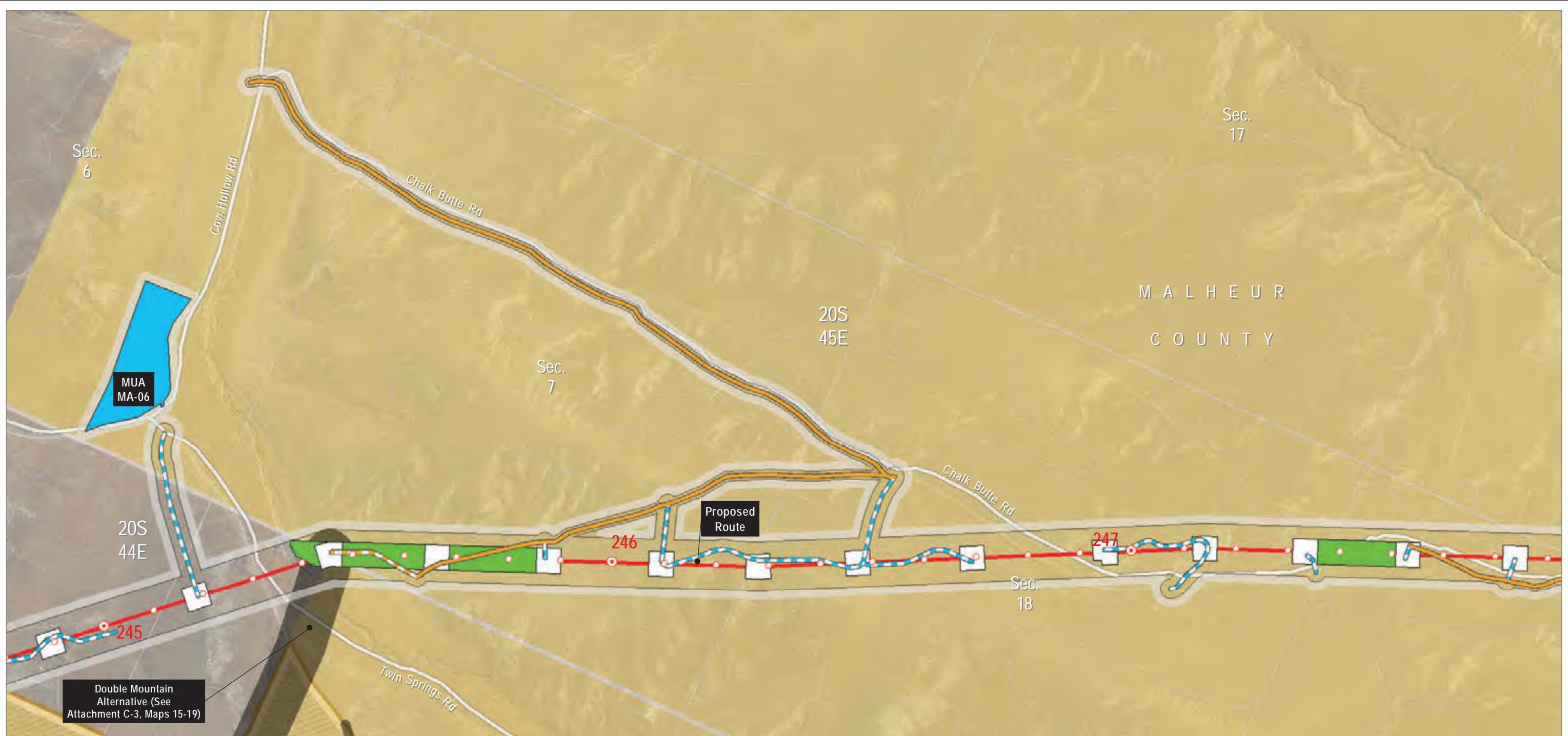
## Boardman to Hemingway Transmission Line Project Application for Site Certificate



## **Attachment C-2**

## Malheur County

## Map 112



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

Z:\UtilServ\Boardman\_Hemingway\Reports\002\_Oregon\_Energy\_Siting\_Council\03\_Final  
ASCI\Exhibits\C\_Project Location\Maps\Attachment C-2\Proposed Route\_MALHEUR\_rev 20180612.mxd

**Project Features**  
□ Site Boundary  
■ Alternative  
— Transmission Centerline  
**Mileposts**  
● Mile  
○ Tenth-mile  
**Work Areas**  
■ Multi-Use Area  
■ Pulling and Tensioning  
□ Structure Work Area

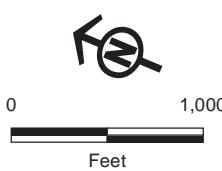
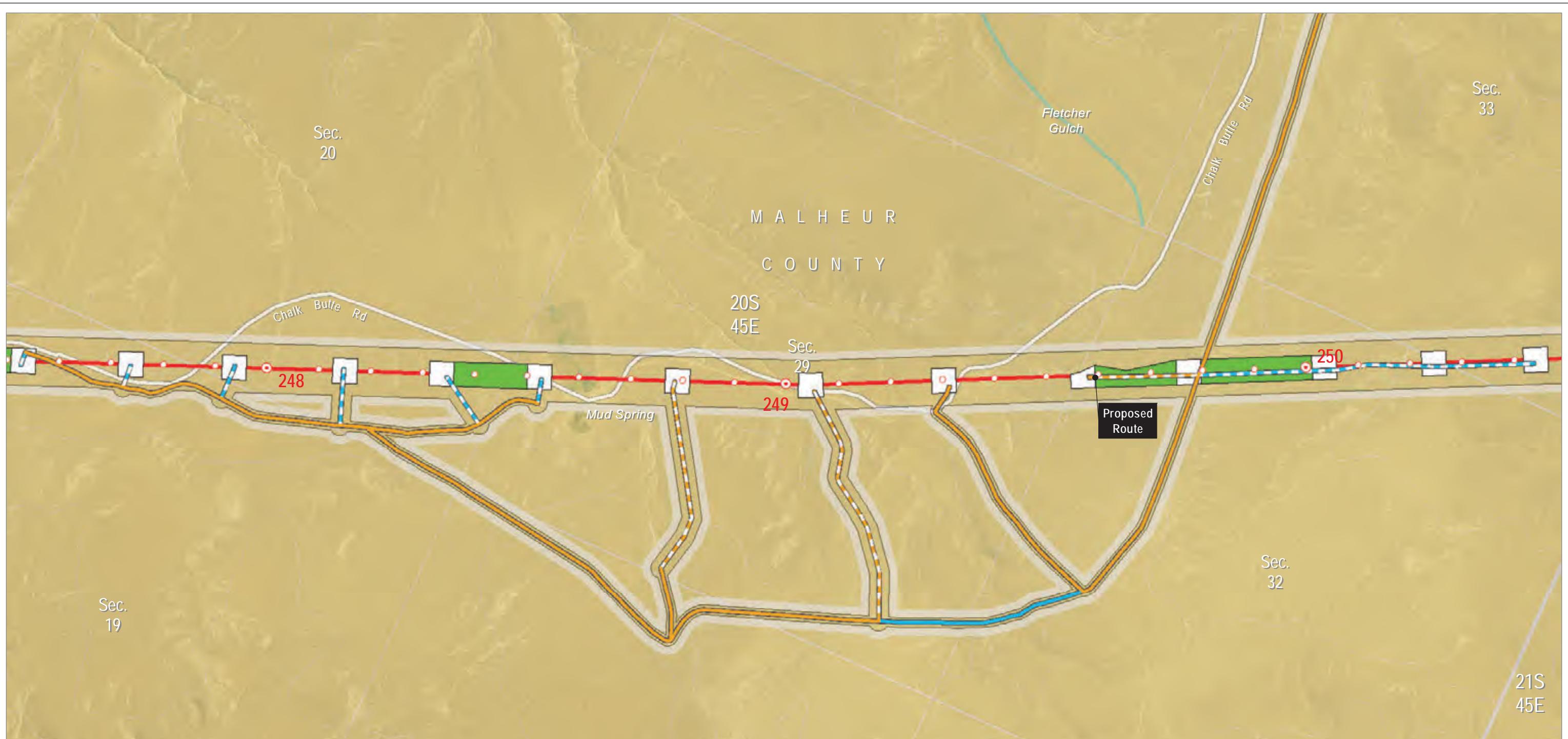
**Access**  
— Existing Road,  
— Substantial Modification,  
— 21-70% Improvements  
— New Road, Bladed  
— New Road, Primitive  
**Important Siting Constraints and Other Features**  
~ 100-foot Contours  
— Other Road

**Wilderness Characteristic Unit Meeting Wilderness Criteria**  
■  
**Land Status**  
■ Bureau of Land Management  
□ Private

Boardman to Hemingway Transmission Line Project  
Application for Site Certificate



**Attachment C-2**  
**Proposed Route Location Maps**  
**Malheur County**  
**Map 113**



Map Area

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

Z:\UtilServ\Boardman\_Hemingway\Reports\002\_Oregon\_Energy\_Siting\_Council\03\_Final  
ASCI\Exhibits\C\_Project Location\Maps\Attachment C-2\Proposed Route\_MALHEUR\_rev 20180612.mxd

**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

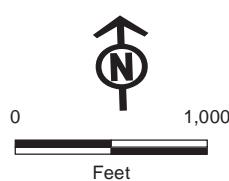
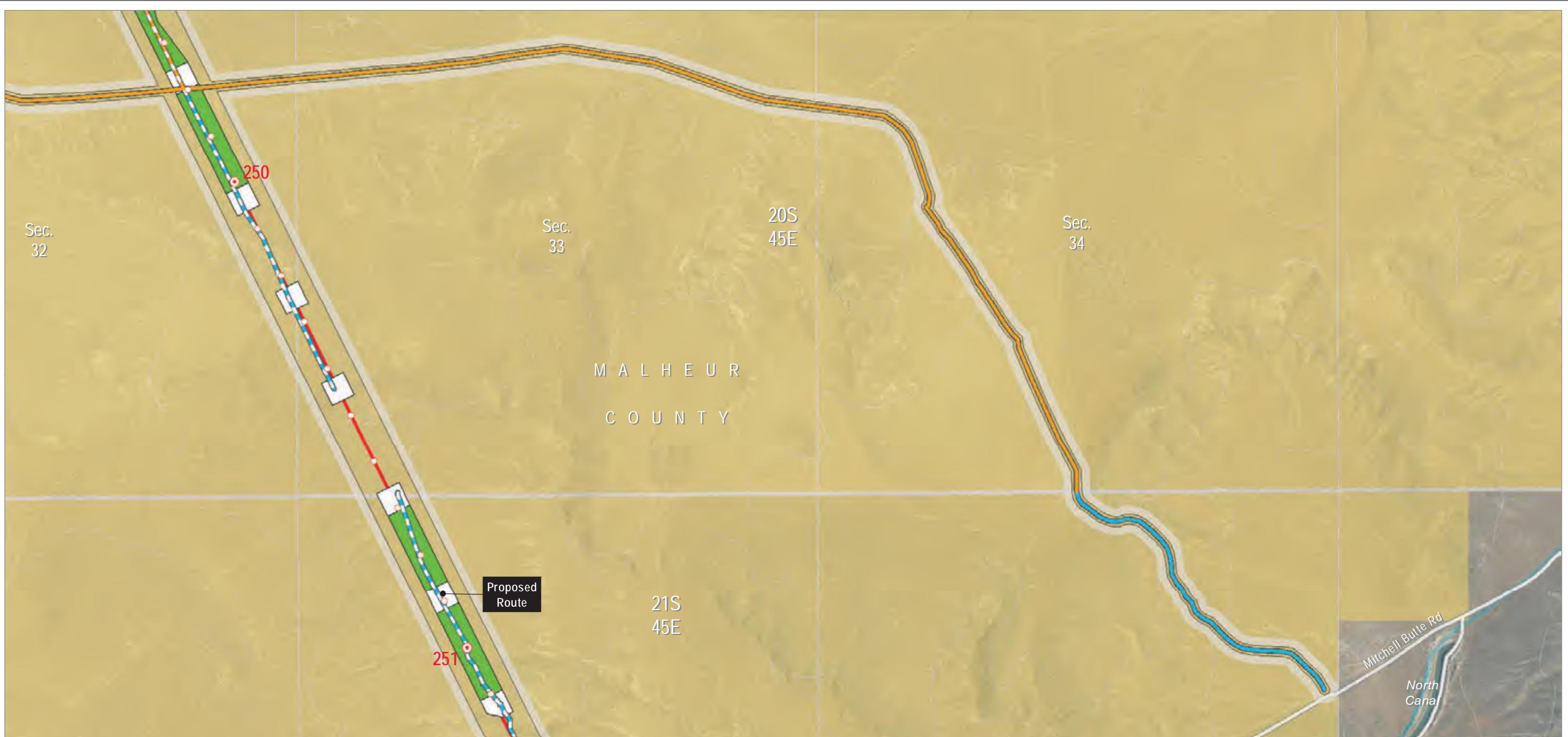
**Land Status**

- Bureau of Land Management

Boardman to Hemingway Transmission Line Project  
Application for Site Certificate



**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, GeoEyes, Earthstar Geographics, CNES/Airbus DS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo

Z:\UtilServ\Boardman\_Hemingway\Reports\002\_Oregon\_Energy\_Siting\_Council\03\_Final  
ASCI\Exhibits\C\_Project Location\Maps\Attachment C-2\Proposed Route\_MALHEUR\_rev 20180612.mxd

|                                                        |                                                              |
|--------------------------------------------------------|--------------------------------------------------------------|
| <b>Project Features</b>                                |                                                              |
| <input type="checkbox"/>                               | Site Boundary                                                |
| <input type="checkbox"/>                               | Transmission Centerline                                      |
| <b>Mileposts</b>                                       |                                                              |
| ● Mile                                                 |                                                              |
| ○ Tenth-mile                                           |                                                              |
| <b>Work Areas</b>                                      |                                                              |
| <input type="checkbox"/>                               | Pulling and Tensioning                                       |
| <input type="checkbox"/>                               | Structure Work Area                                          |
| <b>Access</b>                                          |                                                              |
| <input type="checkbox"/>                               | Existing Road, Substantial Modification, 21-70% Improvements |
| <b>Important Siting Constraints and Other Features</b> |                                                              |
| <input type="checkbox"/>                               | 100-foot Contours                                            |
| <input type="checkbox"/>                               | Other Road                                                   |
| <input type="checkbox"/>                               | Stream                                                       |
| <b>Land Status</b>                                     |                                                              |
| <input type="checkbox"/>                               | Bureau of Land Management                                    |
| <b>Private</b>                                         |                                                              |

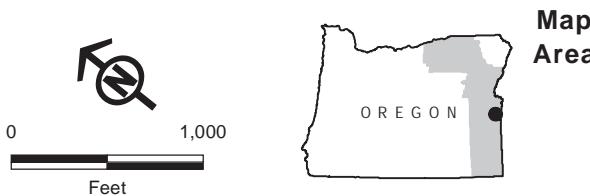
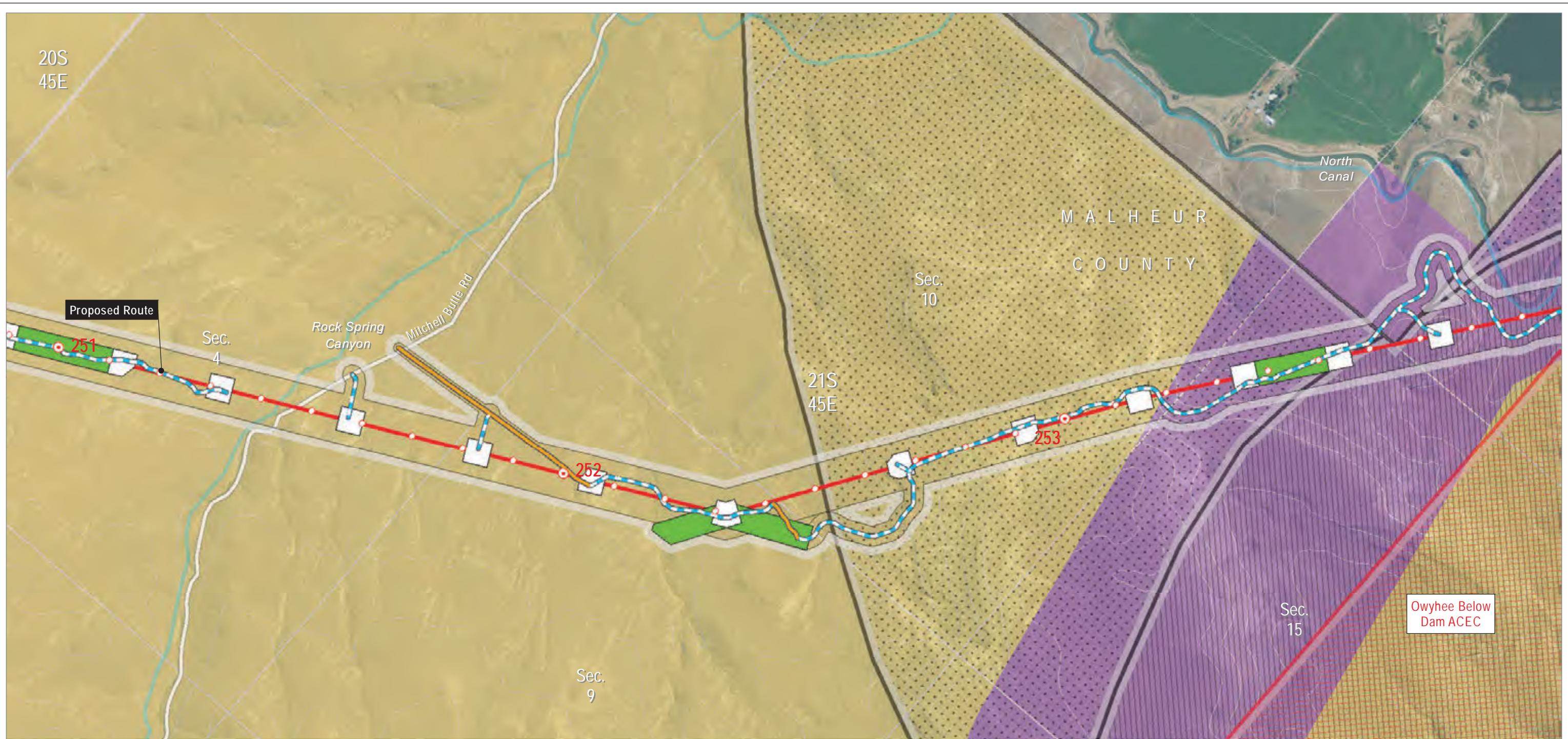
Boardman to Hemingway Transmission Line Project  
Application for Site Certificate



**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

Z:\UtilServ\Boardman\_Hemingway\Reports\002\_Oregon\_Energy\_Siting\_Council\03\_Final  
ASCI\Exhibits\C\_Project Location\Maps\Attachment C-2\Proposed Route\_MALHEUR\_rev 20180612.mxd

| Project Features |                                                              | Important Siting Constraints and Other Features |                                      |
|------------------|--------------------------------------------------------------|-------------------------------------------------|--------------------------------------|
|                  | Site Boundary                                                |                                                 | New Road, Bladed                     |
|                  | Transmission Centerline                                      |                                                 | 100-foot Contours                    |
|                  | Milepost                                                     |                                                 | Other Road                           |
|                  | Mile                                                         |                                                 | Stream                               |
|                  | Tenth-mile                                                   |                                                 | Vale District (BLM) Utility Corridor |
|                  | Work Areas                                                   |                                                 | Protected Area (EFSC)                |
|                  | Structure Work Area                                          |                                                 | VRM 2                                |
|                  | Access                                                       |                                                 | VRM 3                                |
|                  | Existing Road, Substantial Modification, 21-70% Improvements |                                                 |                                      |

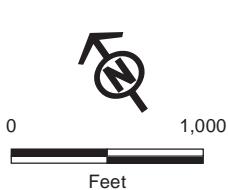
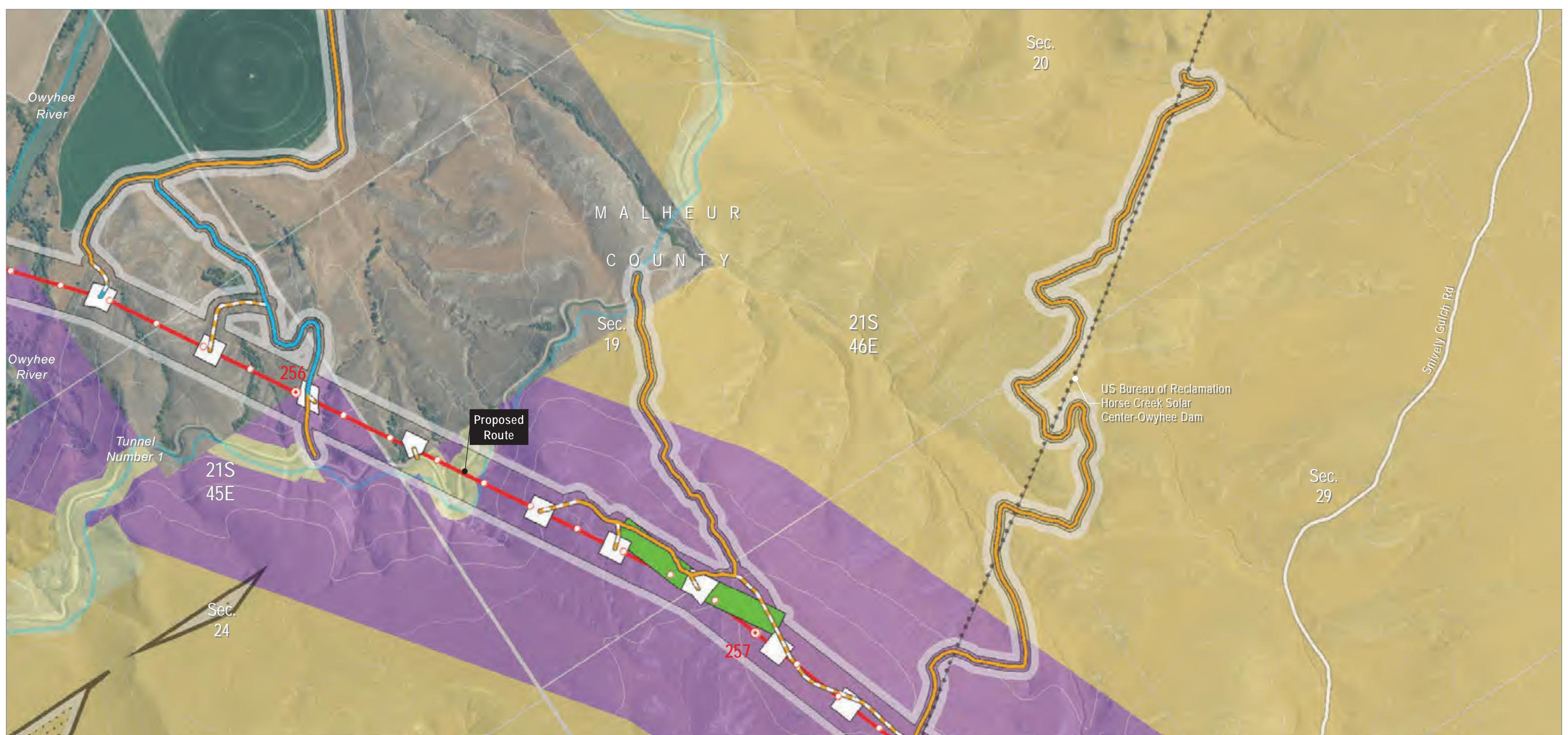
| Land Status |                           |
|-------------|---------------------------|
|             | Bureau of Land Management |
|             | Private                   |

Boardman to Hemingway Transmission Line Project  
Application for Site Certificate



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

Z:\UtilServ\Boardman\_Hemingway\Reports\002\_Oregon\_Energy\_Siting\_Council\03\_Final  
ASCI\Exhibits\C\_Project Location Maps\Attachment C-2\Proposed Route\_MALHEUR\_rev 20180612.mxd

**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

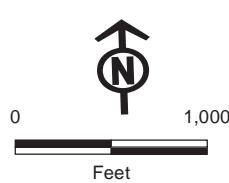
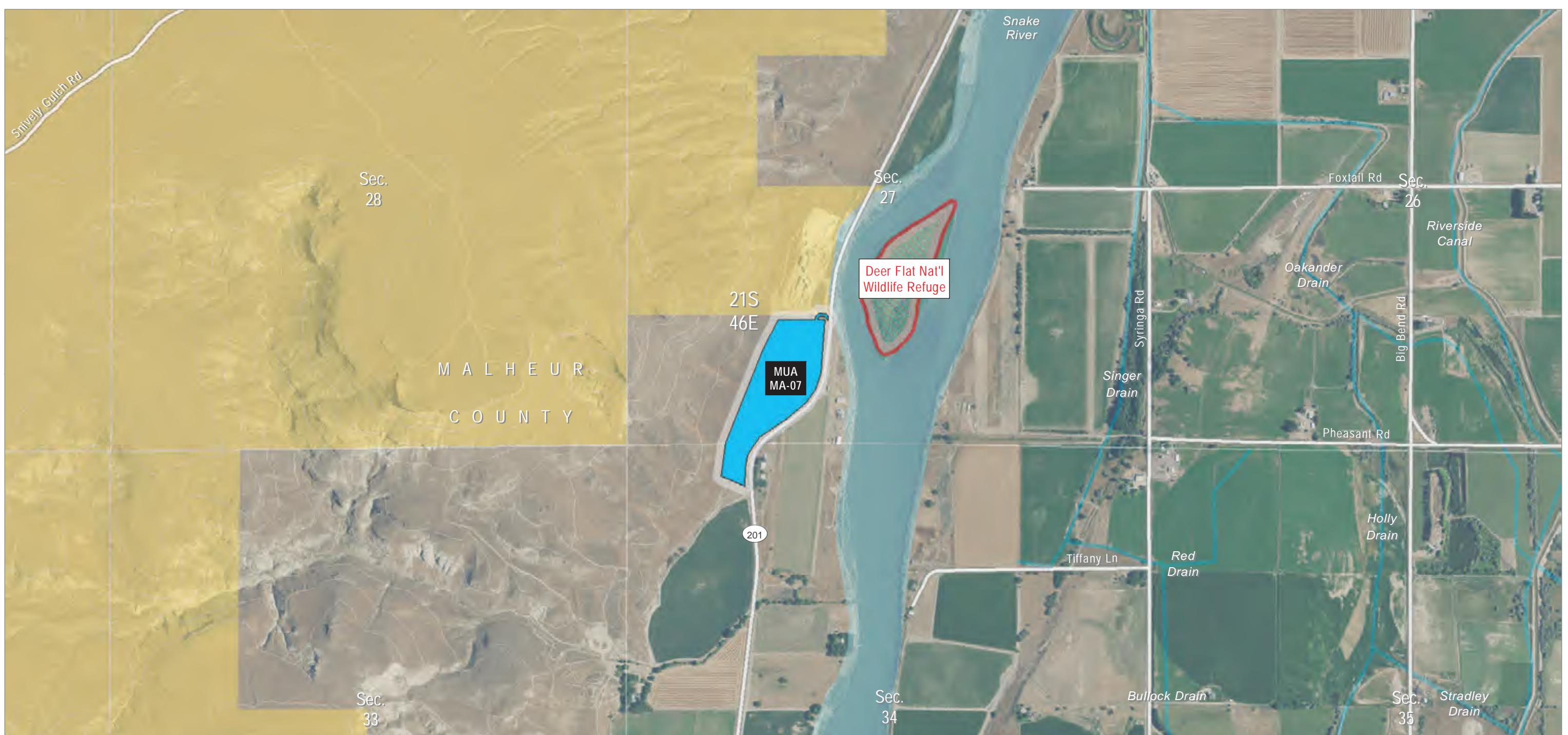
Boardman to Hemingway Transmission Line Project  
Application for Site Certificate



## Attachment C-2 Proposed Route Location Maps

Malheur County

Map 118



Map Area

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

Z:\UtilServ\Boardman\_Hemingway\Reports\002\_Oregon\_Energy\_Siting\_Council\03\_Final  
ASCI\Exhibits\C\_Project Location\Maps\Attachment C-2\Proposed Route\_MALHEUR\_rev 20180612.mxd

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

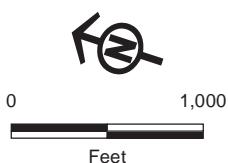
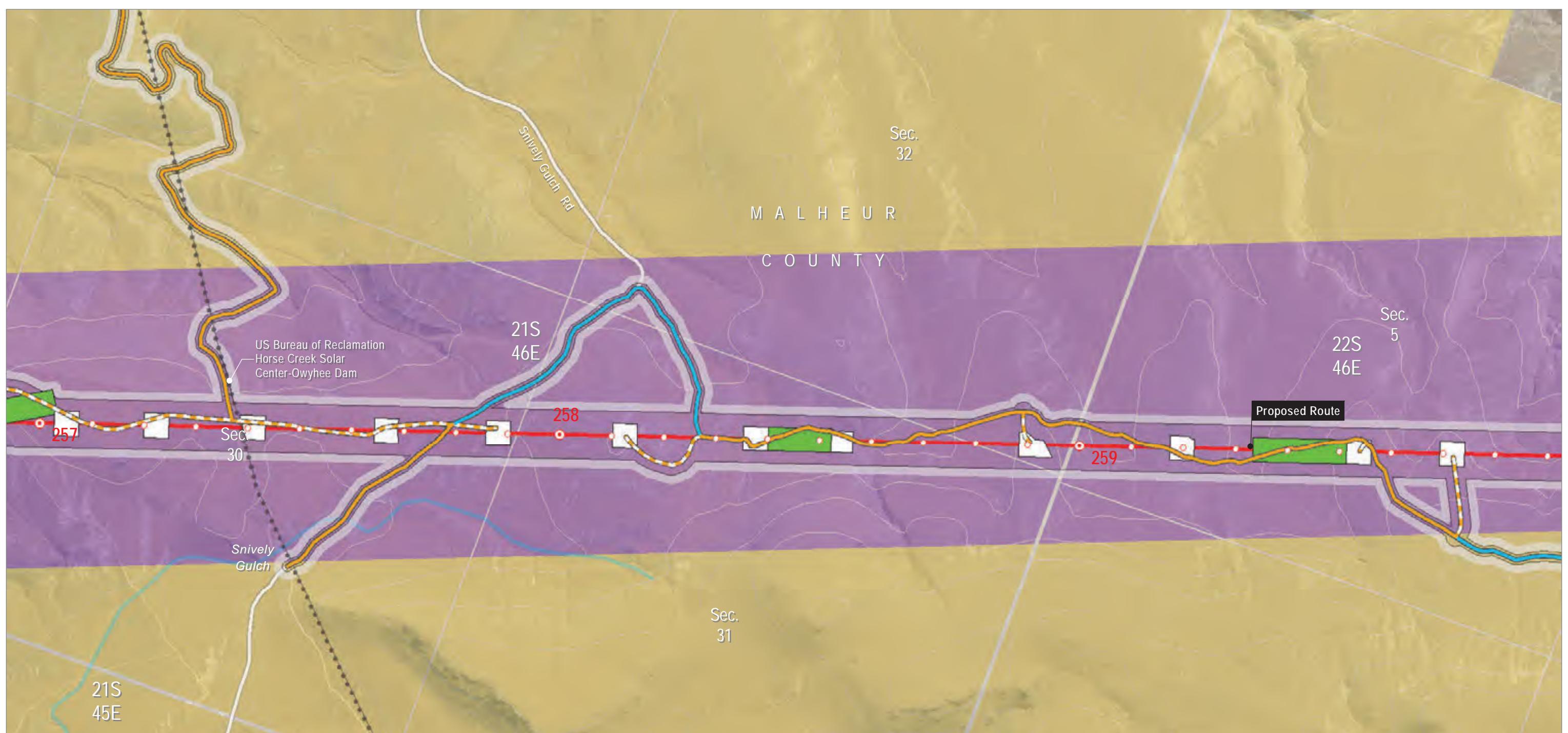
Boardman to Hemingway Transmission Line Project  
Application for Site Certificate



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

Malheur County

Map 119



A black outline of the state of Oregon is shown on a white background. The word "OREGON" is printed in a bold, black, sans-serif font, centered within the outline of the state.

## 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

Z:\UtilServ\Boardman\_Hemingway\Reports\002\_Oregon\_Energy\_Siting\_Council\03\_Final  
ASC\Exhibits\C\_Project Location\Maps\Attachment C-2\Proposed Route\_MALHEUR\_rev 20180612.mxd

- 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

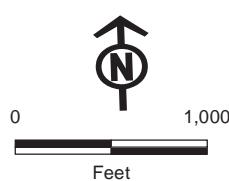
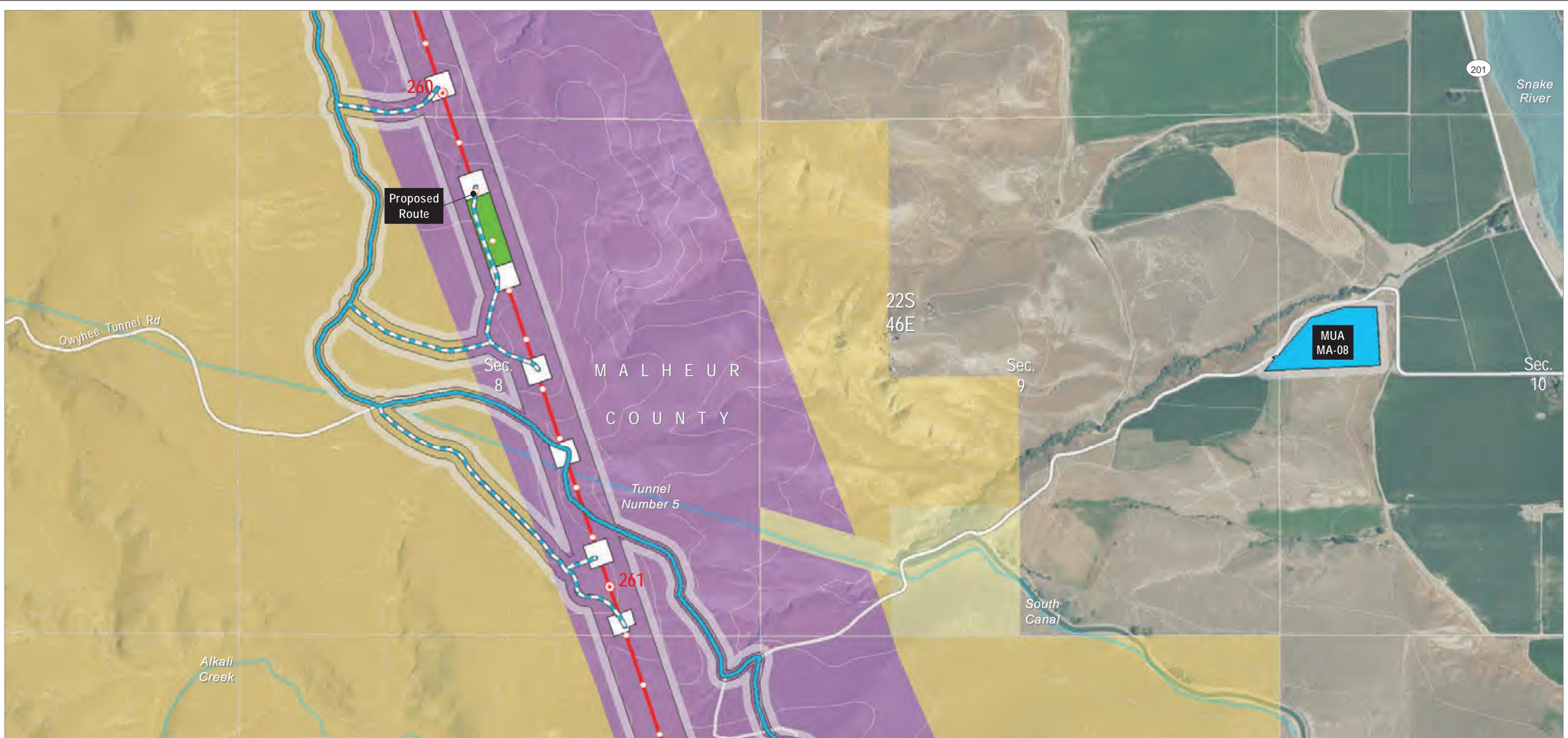
- Land Status
- Bureau of Land Management
- Private

# 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, GeoEyes, Earthstar Geographics, CNES/Airbus DS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo

Z:\UtilServ\Boardman\_Hemingway\Reports\002\_Oregon\_Energy\_Siting\_Council\03\_Final  
ASCI\Exhibits\C\_Project Location Maps\Attachment C-2\Proposed Route\_MALHEUR\_rev 20180612.mxd

**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

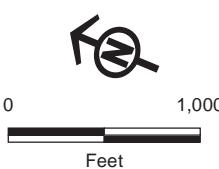
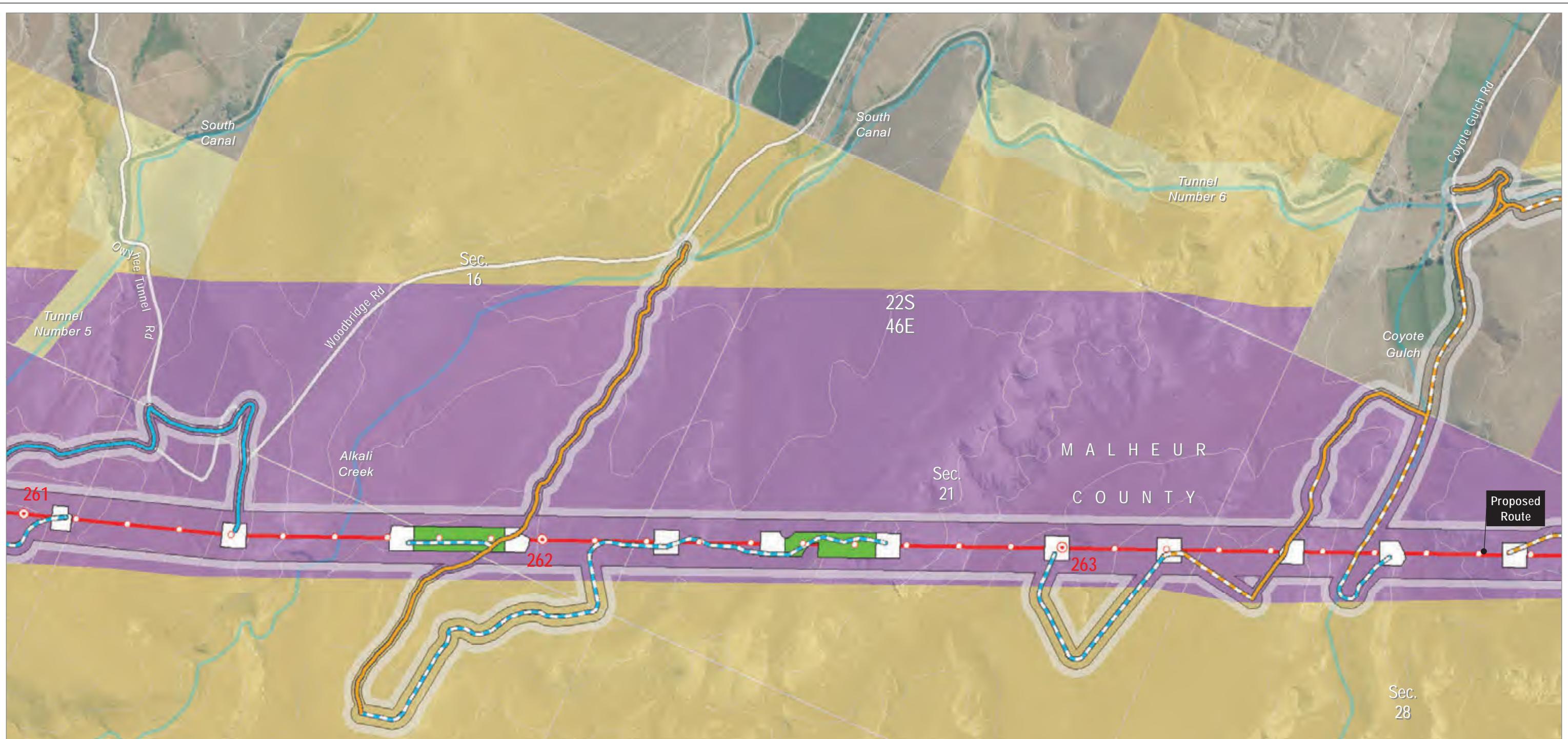
Boardman to Hemingway Transmission Line Project  
Application for Site Certificate



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

Malheur County

**Map 121**



Map Area

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

Z:\UtilServ\Boardman\_Hemingway\Reports\002\_Oregon\_Energy\_Siting\_Council\03\_Final  
ASCI\Exhibits\C\_Project Location\Maps\Attachment C-2\Proposed Route\_MALHEUR\_rev 20180612.mxd

| 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                                           |
| Land Status                                     |                                                               |
|                                                 | Bureau of Land Management                                     |
|                                                 | Bureau of Reclamation                                         |
|                                                 | Private                                                       |
| Important Siting Constraints and Other Features |                                                               |
|                                                 | 100-foot Contours                                             |
|                                                 | Other Road                                                    |
|                                                 | Stream                                                        |
|                                                 | Vale District (BLM) Utility Corridor                          |

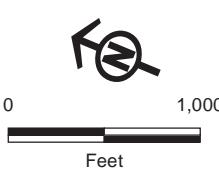
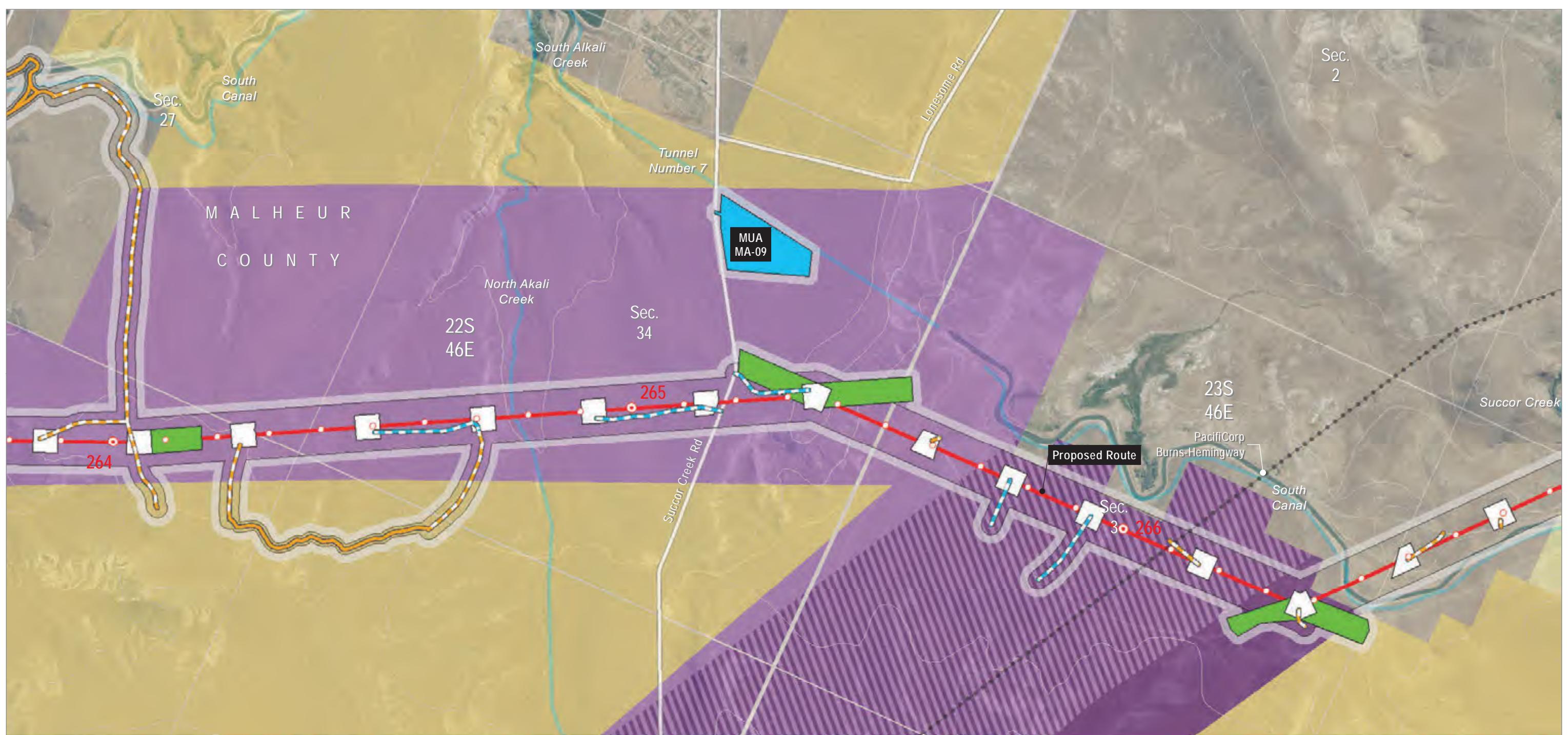
Boardman to Hemingway Transmission Line Project  
Application for Site Certificate



## Attachment C-2 Proposed Route Location Maps

Malheur County

Map 122



Map Area

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

Z:\UtilServ\Boardman\_Hemingway\Reports\002\_Oregon\_Energy\_Siting\_Council\03\_Final  
ASCI\Exhibits\C\_Project Location Maps\Attachment C-2\Proposed Route\_MALHEUR\_rev 20180612.mxd

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

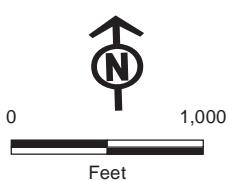
Boardman to Hemingway Transmission Line Project  
Application for Site Certificate



## 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, GeoEyes, Earthstar Geographics, CNES/Airbus DS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo

Z:\UtilServ\Boardman\_Hemingway\Reports\002\_Oregon\_Energy\_Siting\_Council\03\_Final  
ASCI\Exhibits\C\_Project Location\Maps\Attachment C-2\Proposed Route\_MALHEUR\_rev 20180612.mxd

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

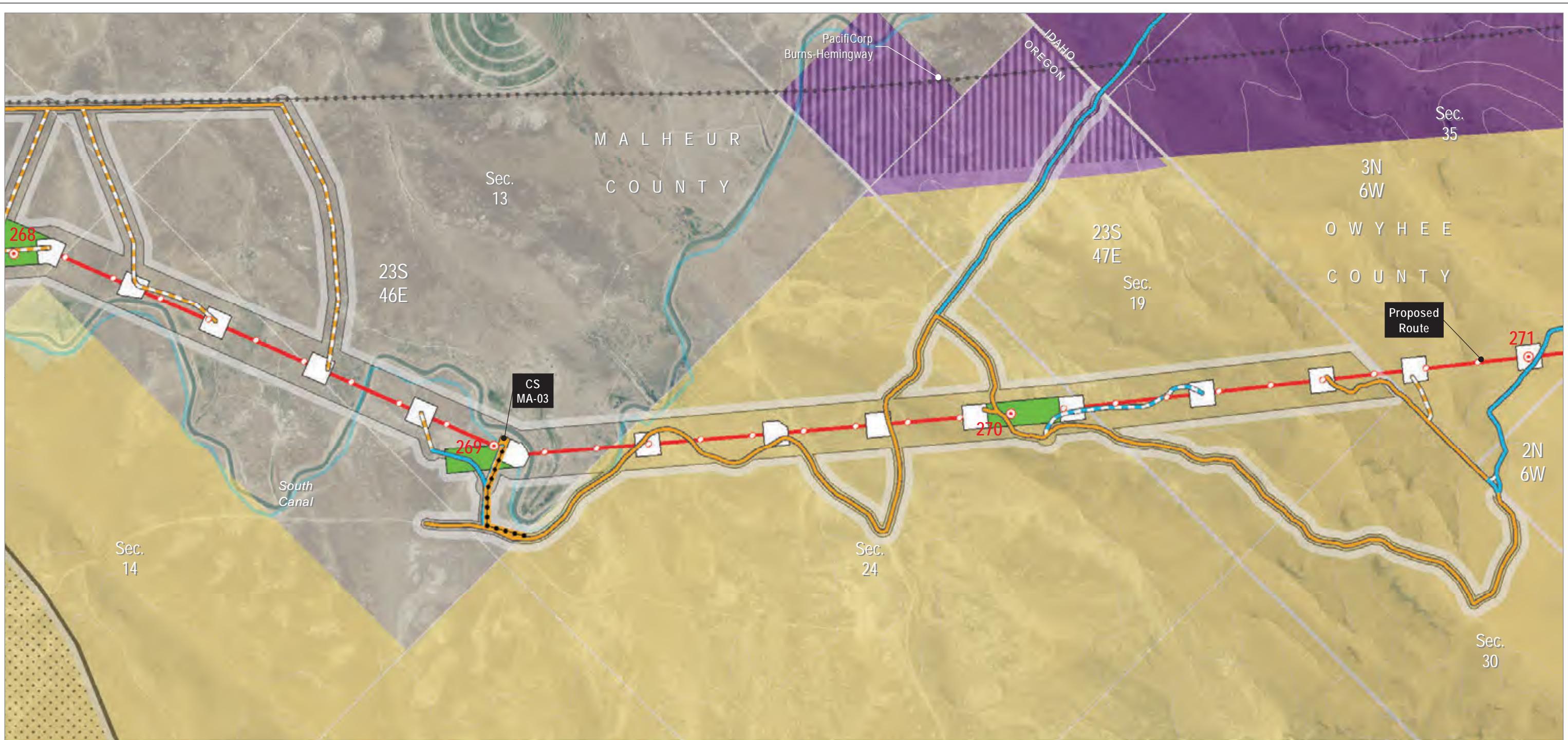
Boardman to Hemingway Transmission Line Project  
Application for Site Certificate



## Attachment C-2 Proposed Route Location Maps

Malheur County

Map 124



Map Area

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

Z:\UtilServ\Boardman\_Hemingway\Reports\002\_Oregon\_Energy\_Siting\_Council\03\_Final  
ASCI\Exhibits\C\_Project Location Maps\Attachment C-2\Proposed Route\_MALHEUR\_rev 20180612.mxd

**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 (WWEC)

**Land Status**

- West-wide Energy Corridor (WWEC)
- VRM 3
- Bureau of Land Management
- Bureau of Reclamation
- Private

Boardman to Hemingway Transmission Line Project  
Application for Site Certificate

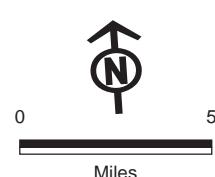
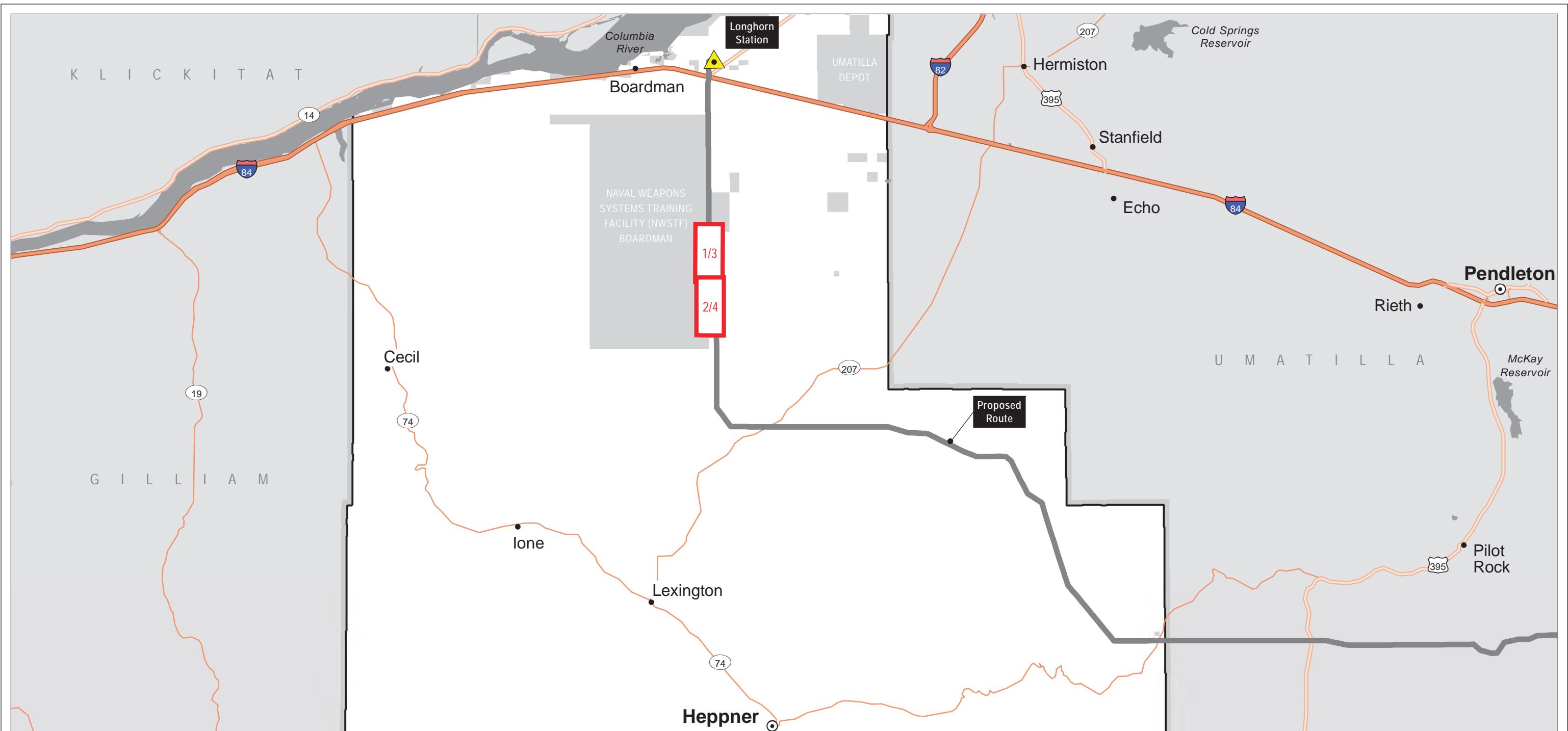


**Attachment C-2**  
**Proposed Route Location Maps**  
Malheur County  
Map 125

---

**ATTACHMENT C-3**  
**ALTERNATIVE ROUTE LOCATIONS**

---



Map Area

Source(s): BLM, IPC, Esri

Z:\UtilServ\Boardman\_Hemingway\Reports\002\_Oregon\_Energy\_Siting\_Council\03\_Final  
ASC\Exhibits\Project Location\Maps\Attachment C-3\Index\_Morrow.mxd

Map Index

■ Location Map (Map #)

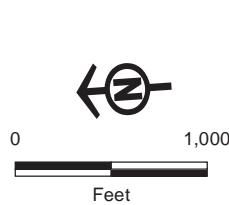
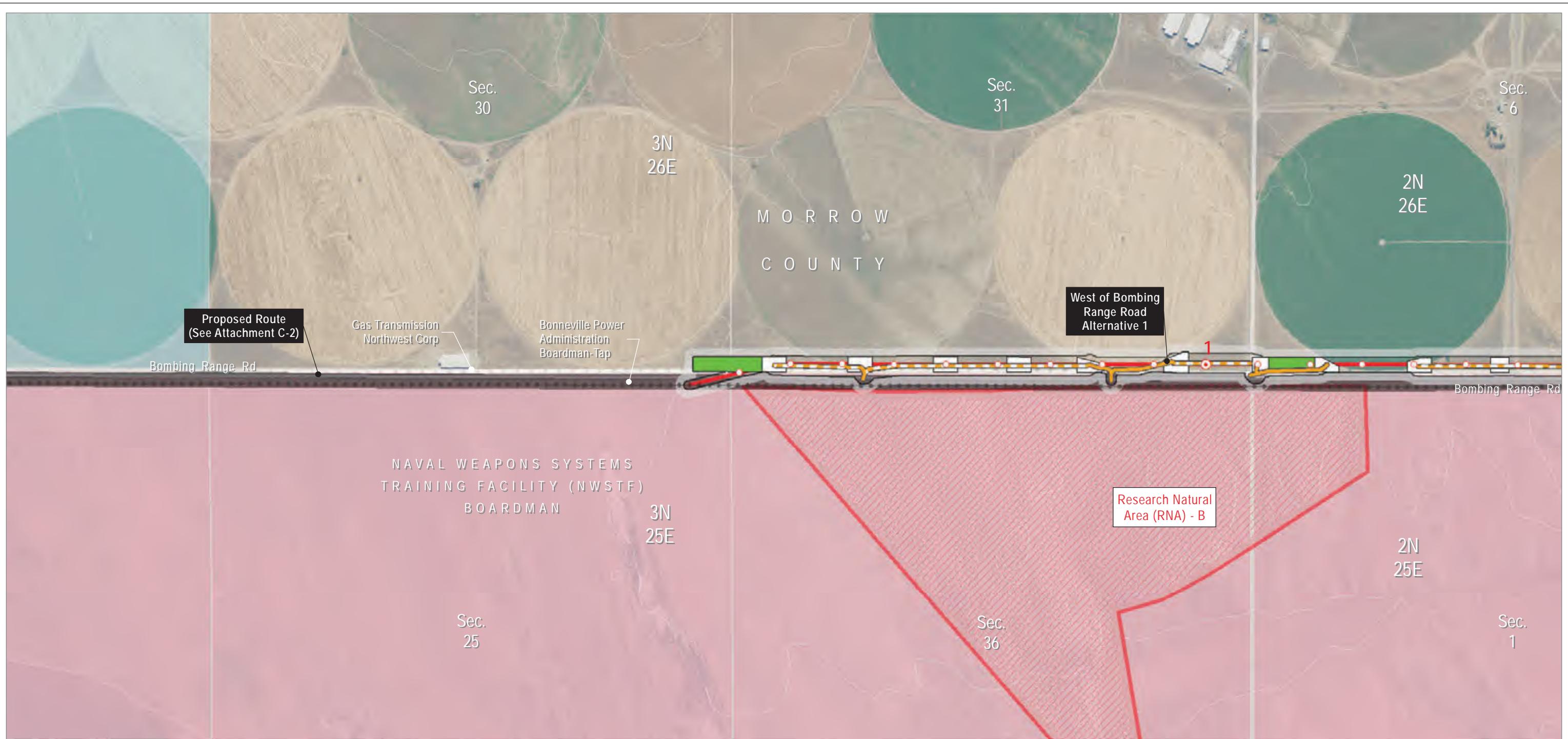
Boardman to Hemingway Transmission Line Project  
Application for Site Certificate



Attachment C-3  
Alternative Location Maps

West of Bombing Range Road Alternatives 1/2  
Morrow County

Map Index



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

Z:\UtilServ\Boardman\_Hemingway\Reports\002\_Oregon\_Energy\_Siting\_Council\03\_Final  
ASCI\Exhibits\C\_Project Location\Maps\Attachment C-3\WoBRR1\_MORROW\_rev 20180613.mxd

**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

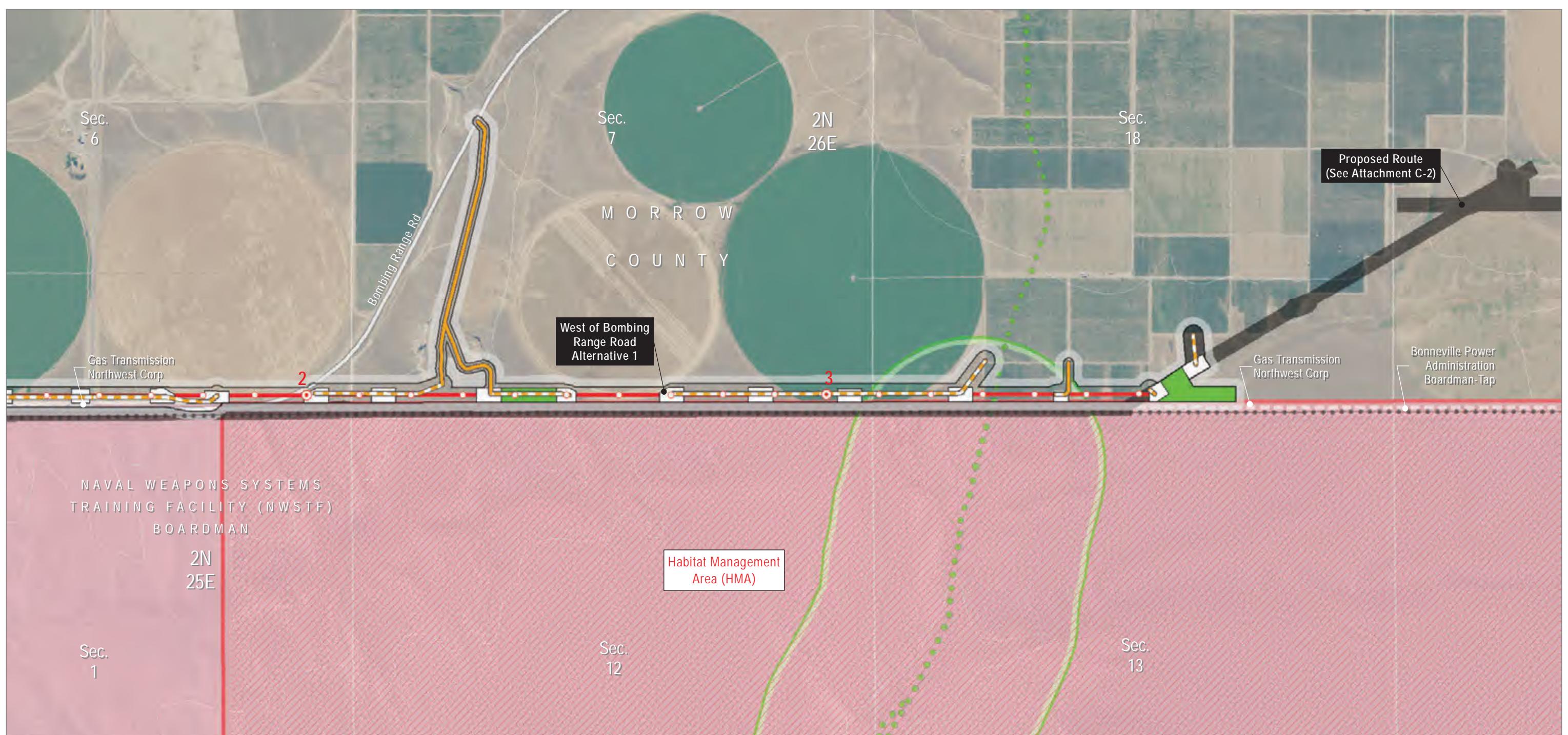
Boardman to Hemingway Transmission Line Project  
Application for Site Certificate



### Attachment C-3 Alternative Location Maps

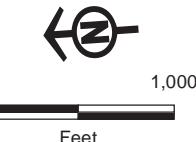
West of Bombing Range Road Alternative 1  
Morrow County

Map 1



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

Z:\UtilServ\Boardman\_Hemingway\Reports\002\_Oregon\_Energy\_Siting\_Council\03\_Final  
ASCI\Exhibits\C\_Project Location\Maps\Attachment C-3\WoBRR1\_MORROW\_rev 20180613.mxd



**Map Area**

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

**Important Siting Constraints and Other Features**

- Protected Area (EFSC)
- 100-foot Contours
- Existing Transmission Lines
- Oregon National Historic Trail (NHT)
- Pipeline

**Land Status**

- Military Reservation or Corps of Engineers
- Private

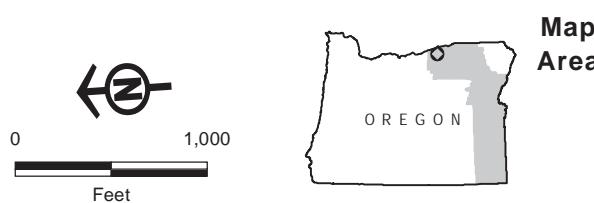
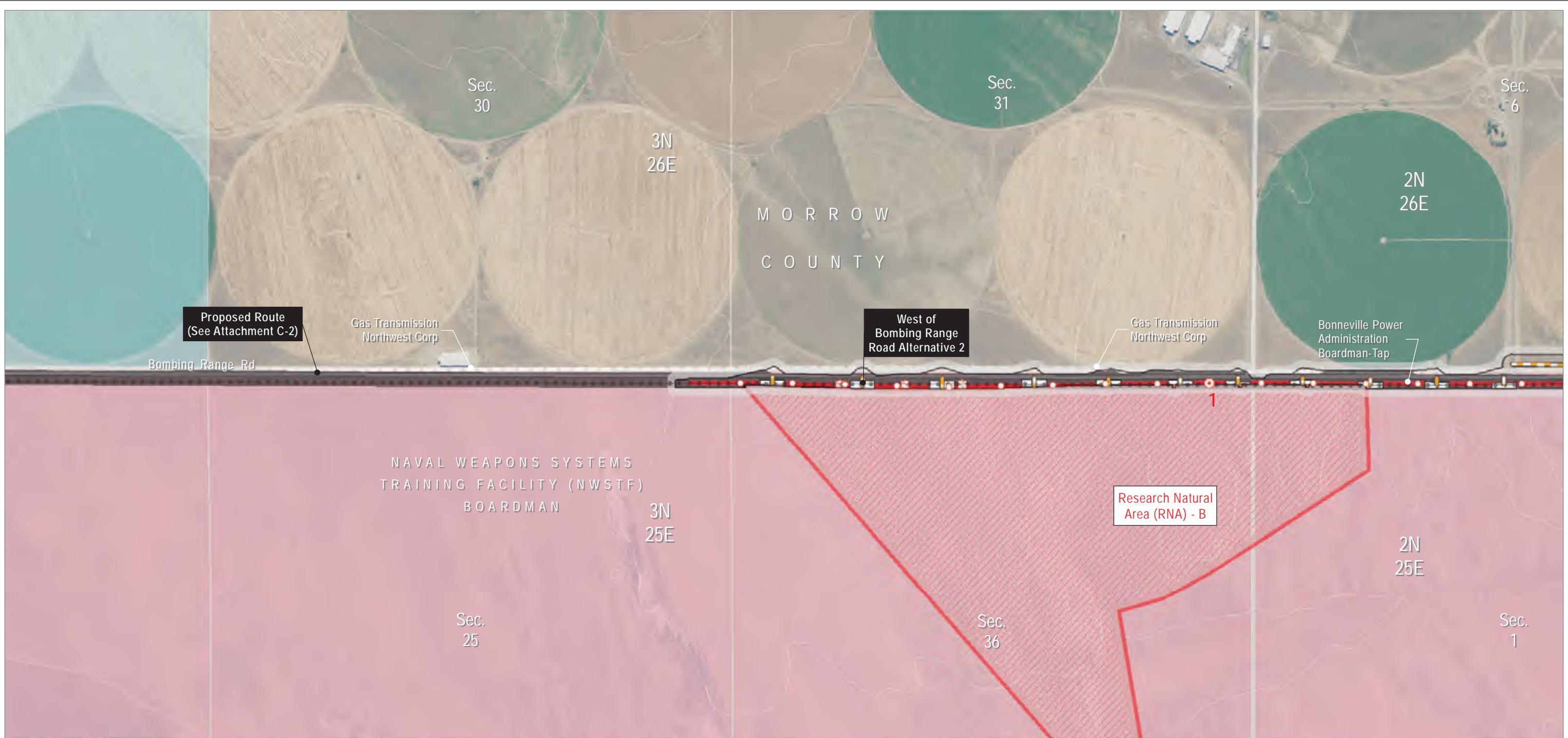
Boardman to Hemingway Transmission Line Project  
Application for Site Certificate



**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

Z:\UtilServ\Boardman\_Hemingway\Reports\002\_Oregon\_Energy\_Siting\_Council\03\_Final  
ASCI\Exhibits\C\_Project Location\Maps\Attachment C-3\WoBRR2\_MORROW\_rev 20180613.mxd

**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

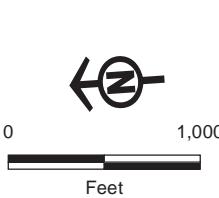
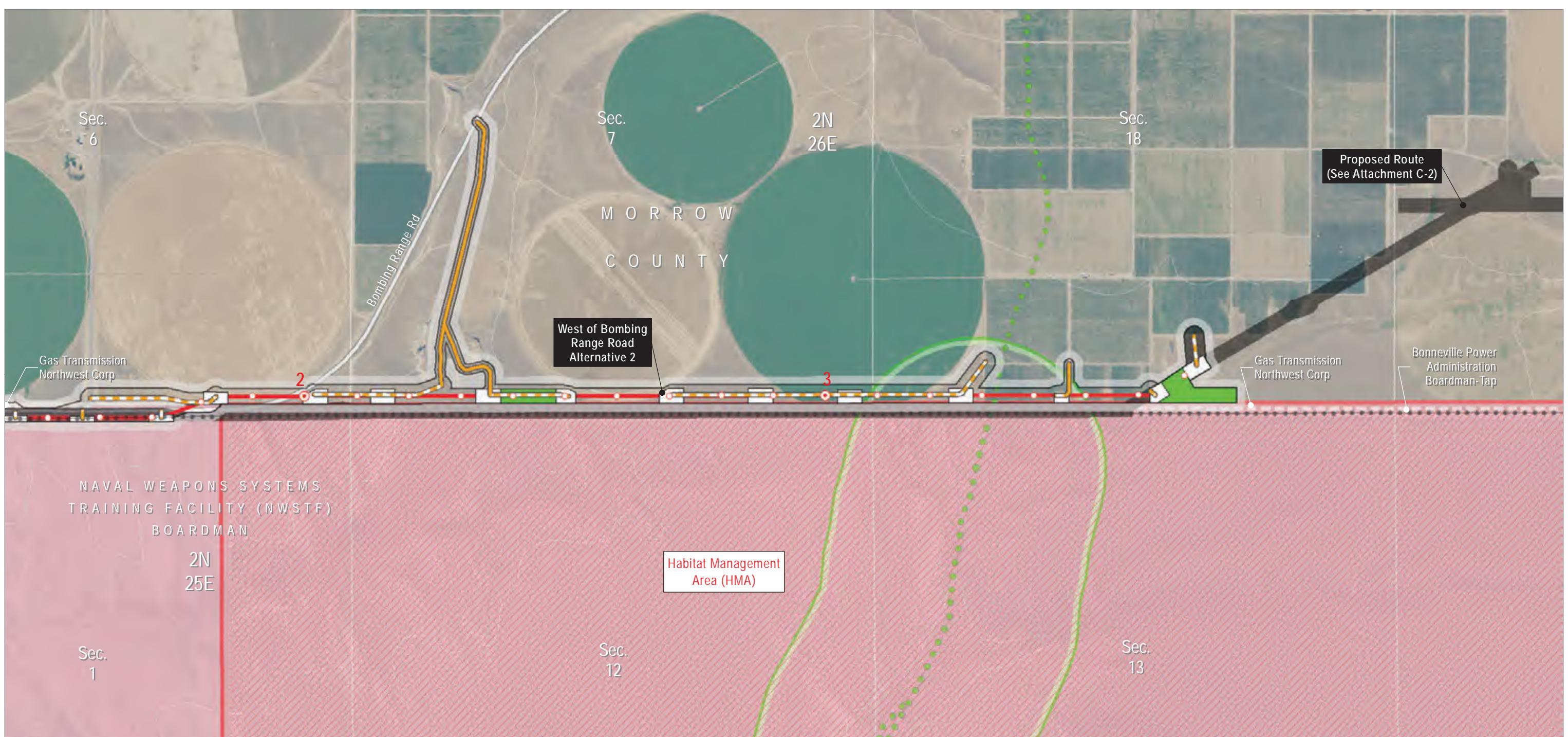
Boardman to Hemingway Transmission Line Project  
Application for Site Certificate



### Attachment C-3 Alternative Location Maps

West of Bombing Range Road Alternative 2  
Morrow County

Map 3



**Map Area**

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

Z:\UtilServ\Boardman\_Hemingway\Reports\002\_Oregon\_Energy\_Siting\_Council\03\_Final  
ASCI\Exhibits\C\_Project Location\Maps\Attachment C-3\WoBRR2\_MORROW\_rev 20180613.mxd

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

**Access**  
 Other Road  
 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

**Land Status**  
 Military Reservation or Corps of Engineers  
 Private

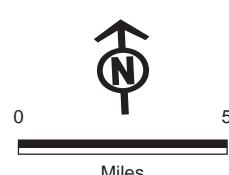
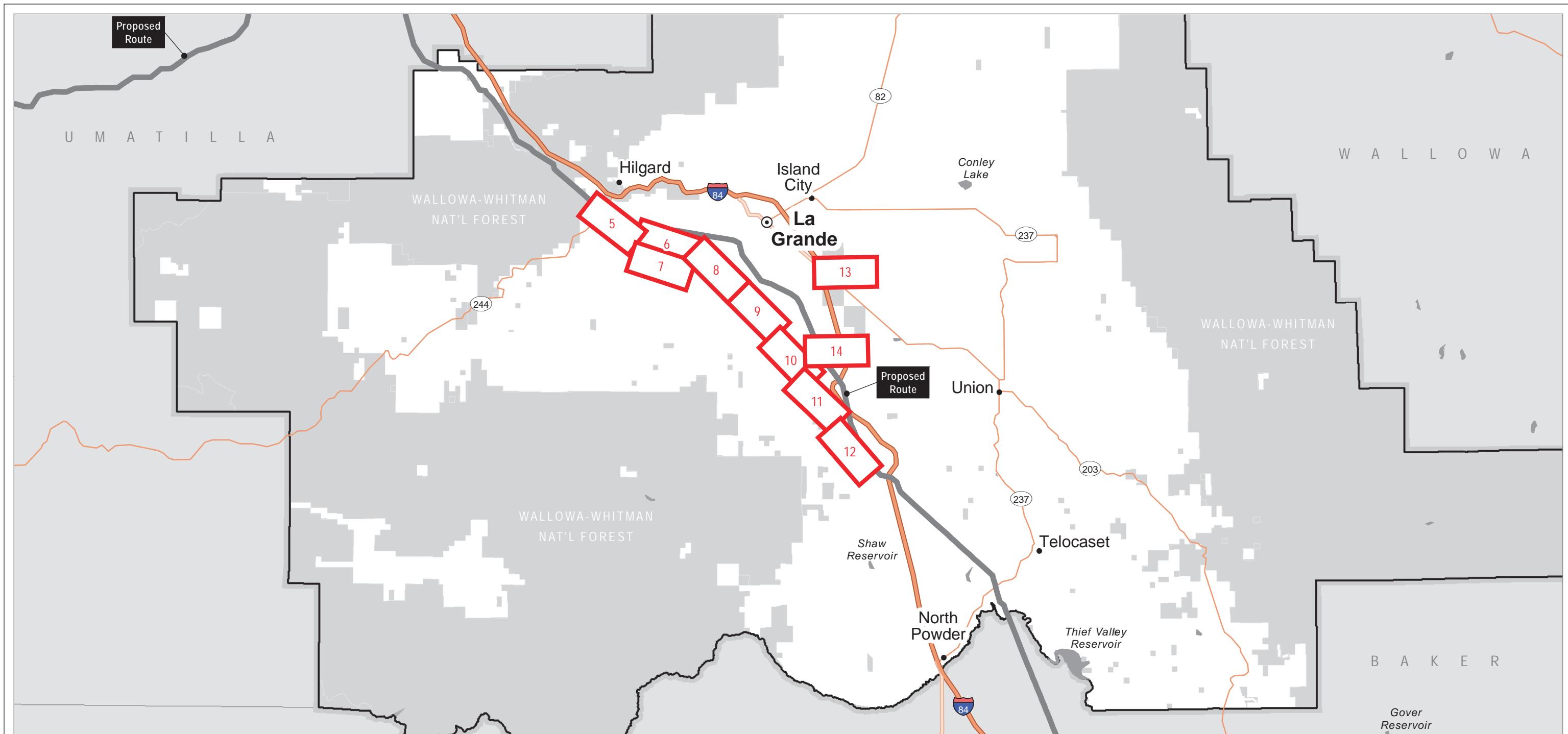
Boardman to Hemingway Transmission Line Project  
Application for Site Certificate



### Attachment C-3 Alternative Location Maps

West of Bombing Range Road Alternative 2  
Morrow County

Map 4



Source(s): BLM, IPC, Esri

Z:\UtilServ\Boardman\_Hemingway\Reports\002\_Oregon\_Energy\_Siting\_Council\03\_Final  
SCI\Exhibits\03\_Project Location\Maps\Attachment C-3\Index\_Union.mxd

#### Map Index

■ Location Map (Map #)

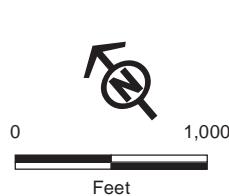
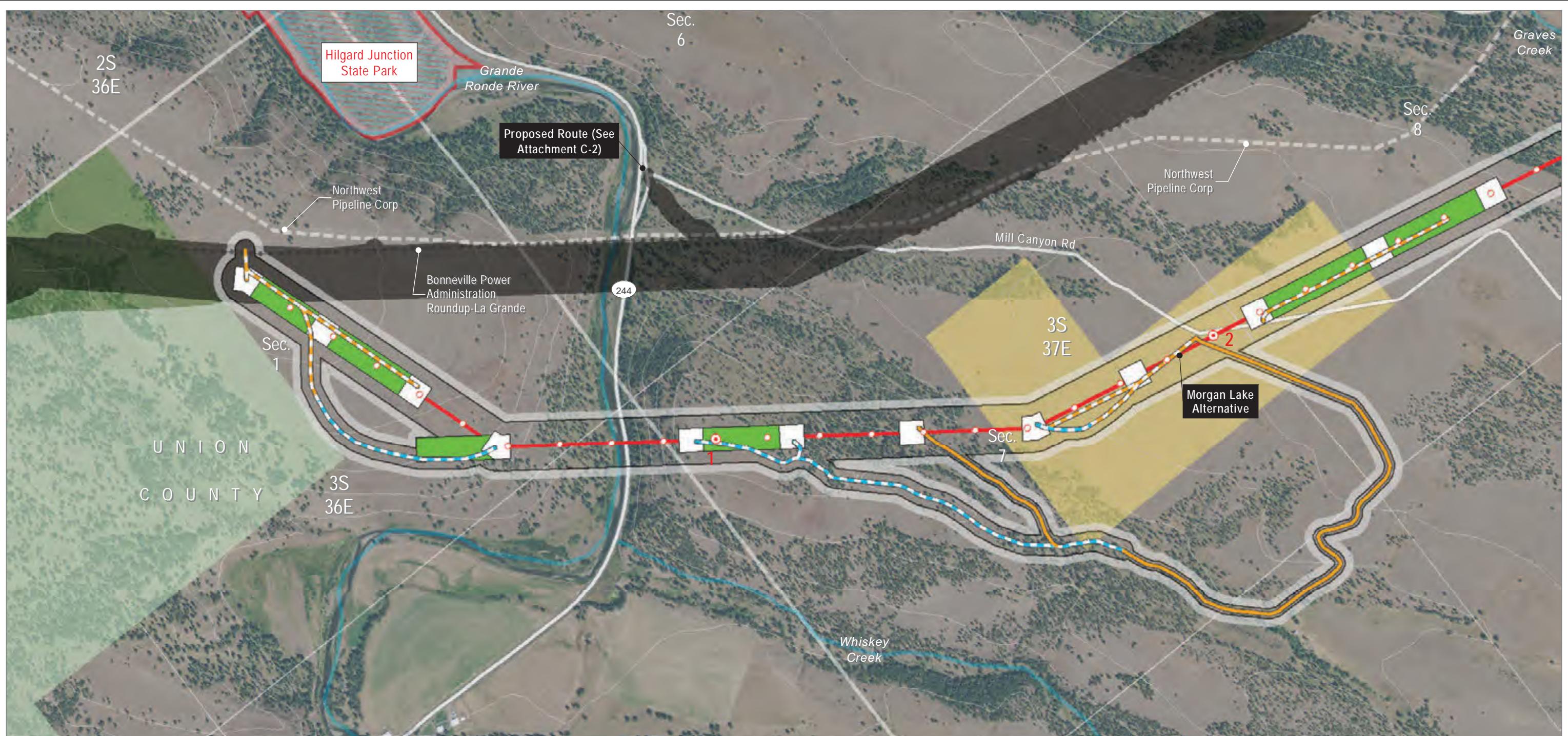
Boardman to Hemingway Transmission Line Project  
Application for Site Certificate



#### 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, GeoEyes, Earthstar Graphics, CNES/Airbus DS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo

Z:\UtilServ\Boardman\_Hemingway\Reports\002\_Oregon\_Energy\_Siting\_Council\03\_Final  
ASCI\Exhibits\C\_Project Location\Maps\Attachment C-3\Morgan Lake\_UNION\_rev 20180612.mxd

**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

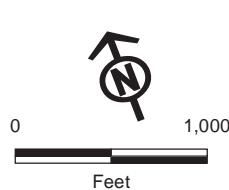
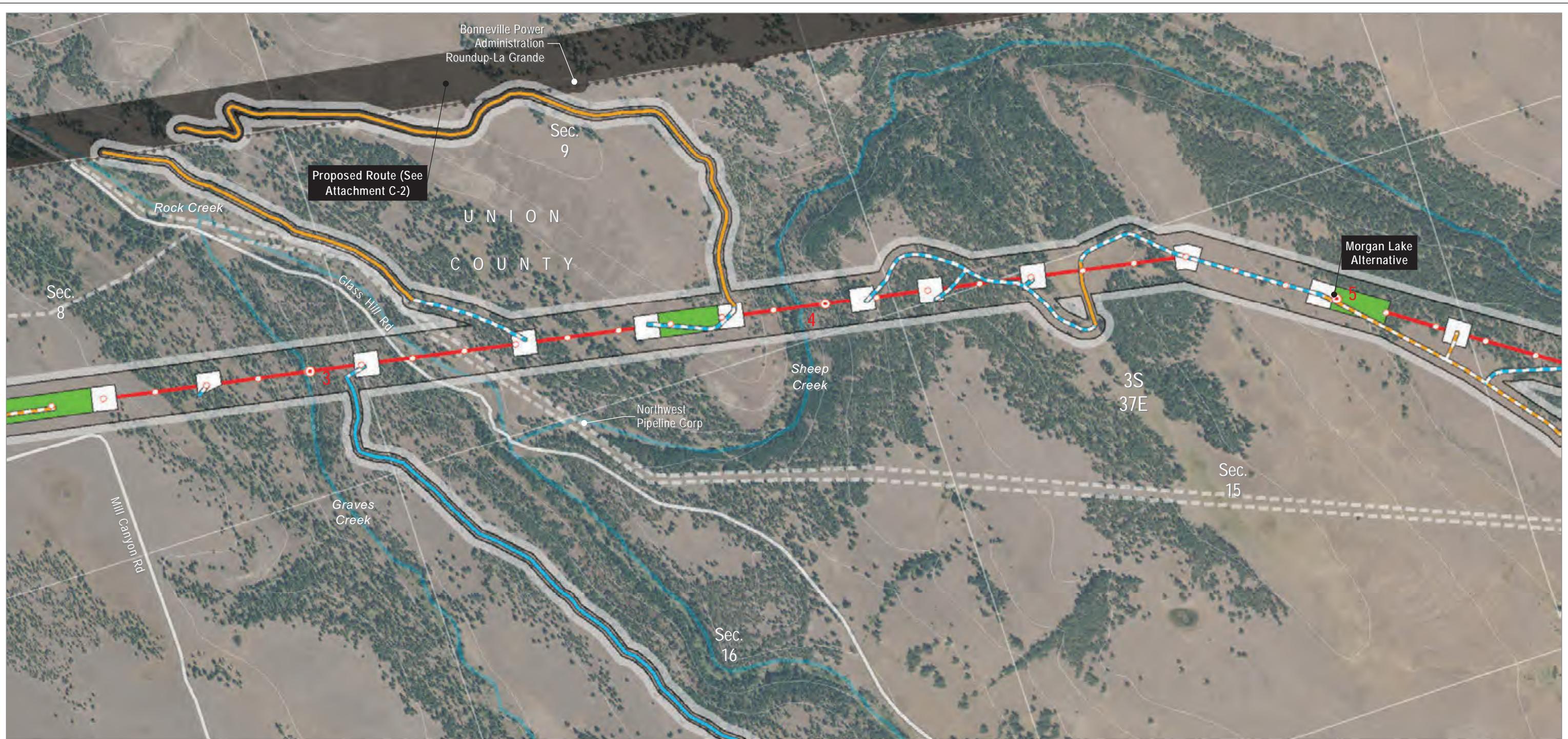
Boardman to Hemingway Transmission Line Project  
Application for Site Certificate



**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

Z:\UtilServ\Boardman\_Hemingway\Reports\002\_Oregon\_Energy\_Siting\_Council\03\_Final  
ASCI\Exhibits\C\_Project Location\Maps\Attachment C-3\Morgan Lake\_UNION\_rev 20180612.mxd

**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  
**Land Status**  
■ Private  
— Pipeline  
— Other Road  
— Stream  
**Important Siting Constraints and Other Features**  
~ 100-foot Contours

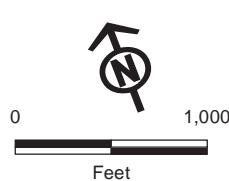
Boardman to Hemingway Transmission Line Project  
Application for Site Certificate



**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, GeoEyes, Earthstar Geographics, CNES/Airbus DS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo

Z:\UtilServ\Boardman\_Hemingway\Reports\002\_Oregon\_Energy\_Siting\_Council\03\_Final  
ASCI\Exhibits\C\_Project Location Maps\Attachment C-3\Morgan Lake\_UNION\_rev 20180612.mxd

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

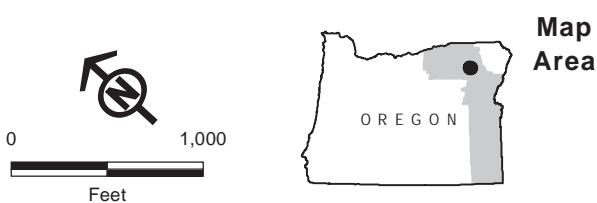
Boardman to Hemingway Transmission Line Project  
Application for Site Certificate



**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

Z:\UtilServ\Boardman\_Hemingway\Reports\002\_Oregon\_Energy\_Siting\_Council\03\_Final  
ASCI\Exhibits\C\_Project Location Maps\Attachment C-3\Morgan Lake\_UNION\_rev 20180612.mxd

| Project Features                                |                         |
|-------------------------------------------------|-------------------------|
| ■                                               | Site Boundary           |
| —                                               | Transmission Centerline |
| ●                                               | Mileposts               |
| ●                                               | Mile                    |
| ○                                               | Tenth-mile              |
| Work Areas                                      |                         |
| ■                                               | Communication Station   |
| ■                                               | Pulling and Tensioning  |
| □                                               | Structure Work Area     |
| —                                               | Access                  |
| —                                               | New Road, Bladed        |
| Important Siting Constraints and Other Features |                         |
| —                                               | 100-foot Contours       |
| —                                               | Pipeline                |
| —                                               | Other Road              |
| —                                               | Stream                  |
| Land Status                                     |                         |
| □                                               | Private                 |

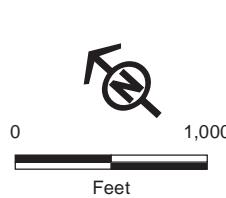
Boardman to Hemingway Transmission Line Project  
Application for Site Certificate



### Attachment C-3 Alternative Location Maps

Morgan Lake Alternative  
Union County

Map 8



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

Z:\UtilServ\Boardman\_Hemingway\Reports\002\_Oregon\_Energy\_Siting\_Council\03\_Final  
ASCI\Exhibits\C\_Project Location\Maps\Attachment C-3\Morgan Lake\_UNION\_rev 20180612.mxd

**Project Features**

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

**Land Status**

- Private
- State or Local Parks and Recreation or Wildlife

**Important Siting Constraints and Other Features**

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

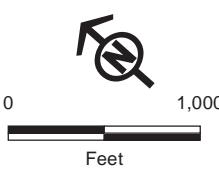
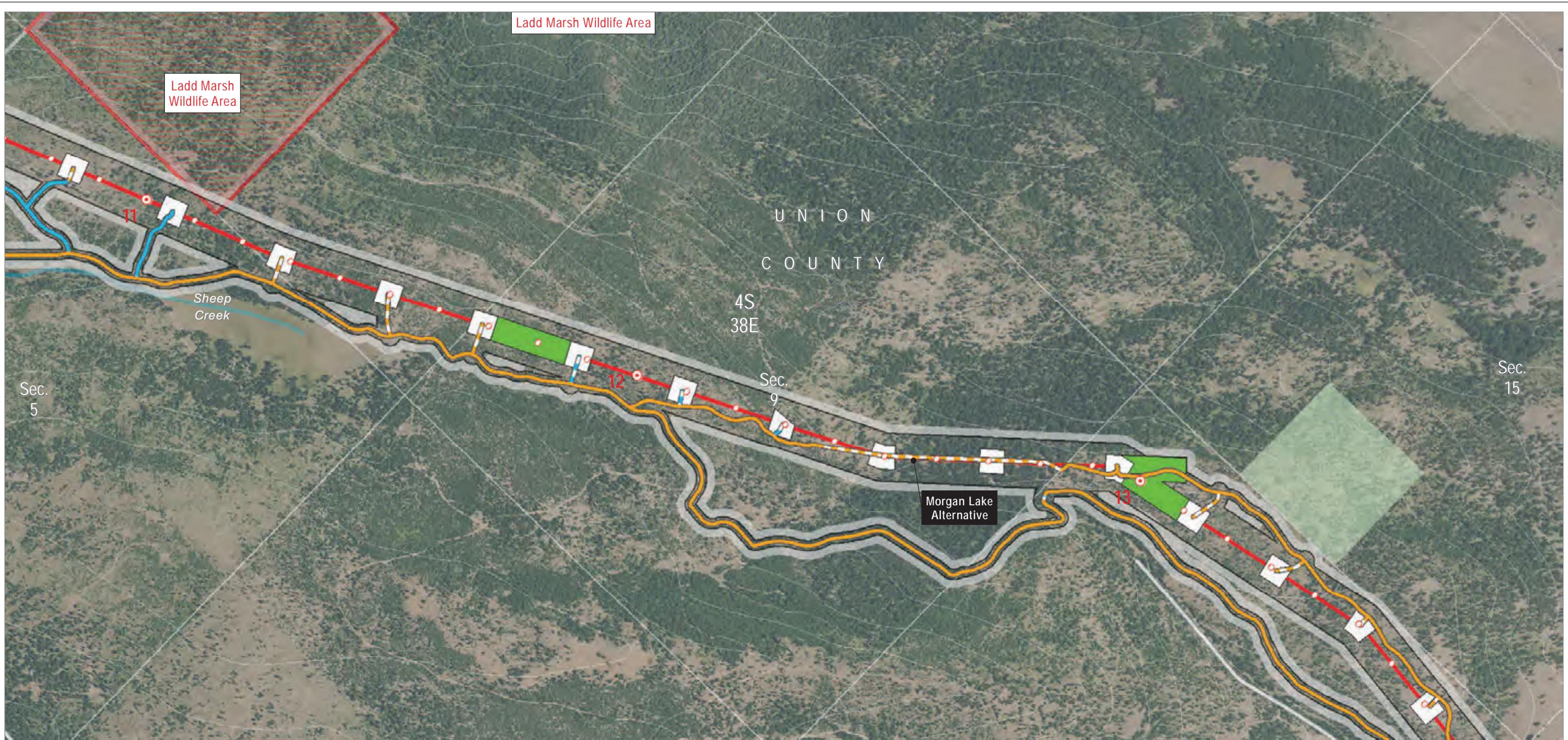
Boardman to Hemingway Transmission Line Project  
Application for Site Certificate



### Attachment C-3 Alternative Location Maps

Morgan Lake Alternative  
Union County

Map 9



Map Area

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

Z:\UtilServ\Boardman\_Hemingway\Reports\002\_Oregon\_Energy\_Siting\_Council\03\_Final  
ASCI\Exhibits\C\_Project Location\Maps\Attachment C-3\Morgan Lake\_UNION\_rev 20180612.mxd

**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  
**Land Status**  
■ Forest Service  
□ Private  
■ State or Local Parks and Recreation or Wildlife  
**Important Siting Constraints and Other Features**  
~ 100-foot Contours  
— Other Road  
— Stream  
■ Glass Hill Rebarrow Forest  
■ Protected Area (EFSC)

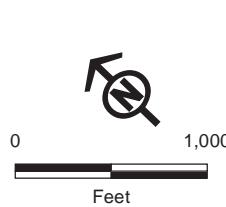
Boardman to Hemingway Transmission Line Project  
Application for Site Certificate



### Attachment C-3 Alternative Location Maps

Morgan Lake Alternative  
Union County

Map 10



Map Area

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

Z:\UtilServ\Boardman\_Hemingway\Reports\002\_Oregon\_Energy\_Siting\_Council\03\_Final  
ASCI\Exhibits\C\_Project Location\Maps\Attachment C-3\Morgan Lake\_UNION\_rev 20180612.mxd

**Project Features**

- Site Boundary
- Proposed Route
- Transmission Centerline

**Mileposts**

- Mile
- Tenth-mile

**Work Areas**

- Pulling and Tensioning
- Structure Work Area

**Access**

- Stream
- 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

**Land Status**

- Forest Service
- Private

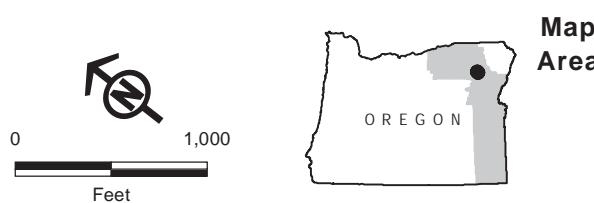
Boardman to Hemingway Transmission Line Project  
Application for Site Certificate



**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

Z:\UtilServ\Boardman\_Hemingway\Reports\002\_Oregon\_Energy\_Siting\_Council\03\_Final  
ASCI\Exhibits\C\_Project Location\Maps\Attachment C-3\Morgan Lake\_UNION\_rev 20180612.mxd

**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**

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

**Land Status**

- Private

Boardman to Hemingway Transmission Line Project  
Application for Site Certificate

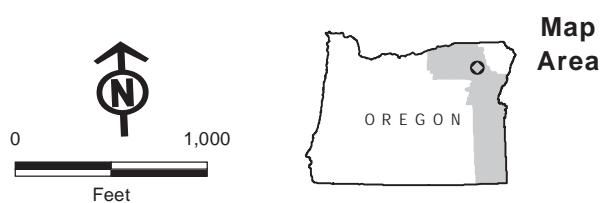


### Attachment C-3 Alternative Location Maps

Morgan Lake Alternative  
Union County

Map 12

This page intentionally left blank.



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

Z:\UtilServ\Boardman\_Hemingway\Reports\002\_Oregon\_Energy\_Siting\_Council\03\_Final  
ASCI\Exhibits\03\_Project Location\Maps\Attachment C-3\Morgan Lake\_UNION\_rev 20180612.mxd

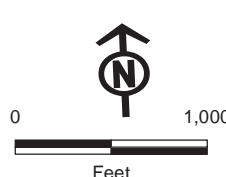
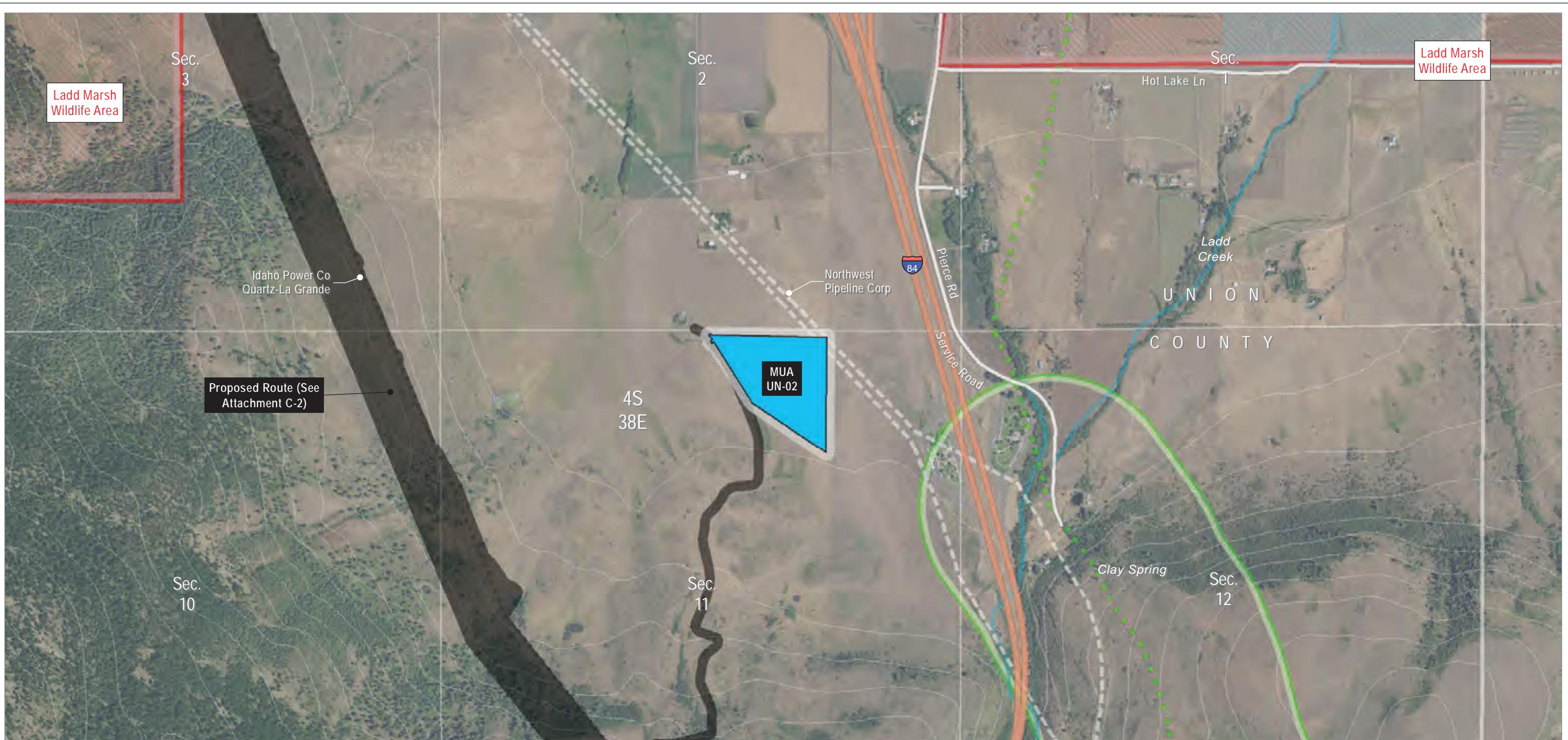
Boardman to Hemingway Transmission Line Project  
Application for Site Certificate



**Attachment C-3  
Alternative Location Maps**

Morgan Lake Alternative  
Union County

Map 13



Map Area

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

Z:\Util\Serv\Boardman\_Hemingway\Reports\002\_Oregon\_Energy\_Siting\_Council\03\_Final  
ASCI\Exhibits\C\_Project Location\Maps\Attachment C-3\Morgan Lake\_UNION\_rev 20180612.mxd

| 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)            |
| ■                | Protected Area (EFSC)                           |
| ■                | Land Status                                     |
| ■                | Private                                         |
| ■                | State or Local Parks and Recreation or Wildlife |

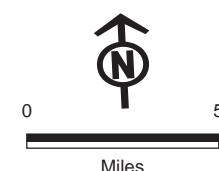
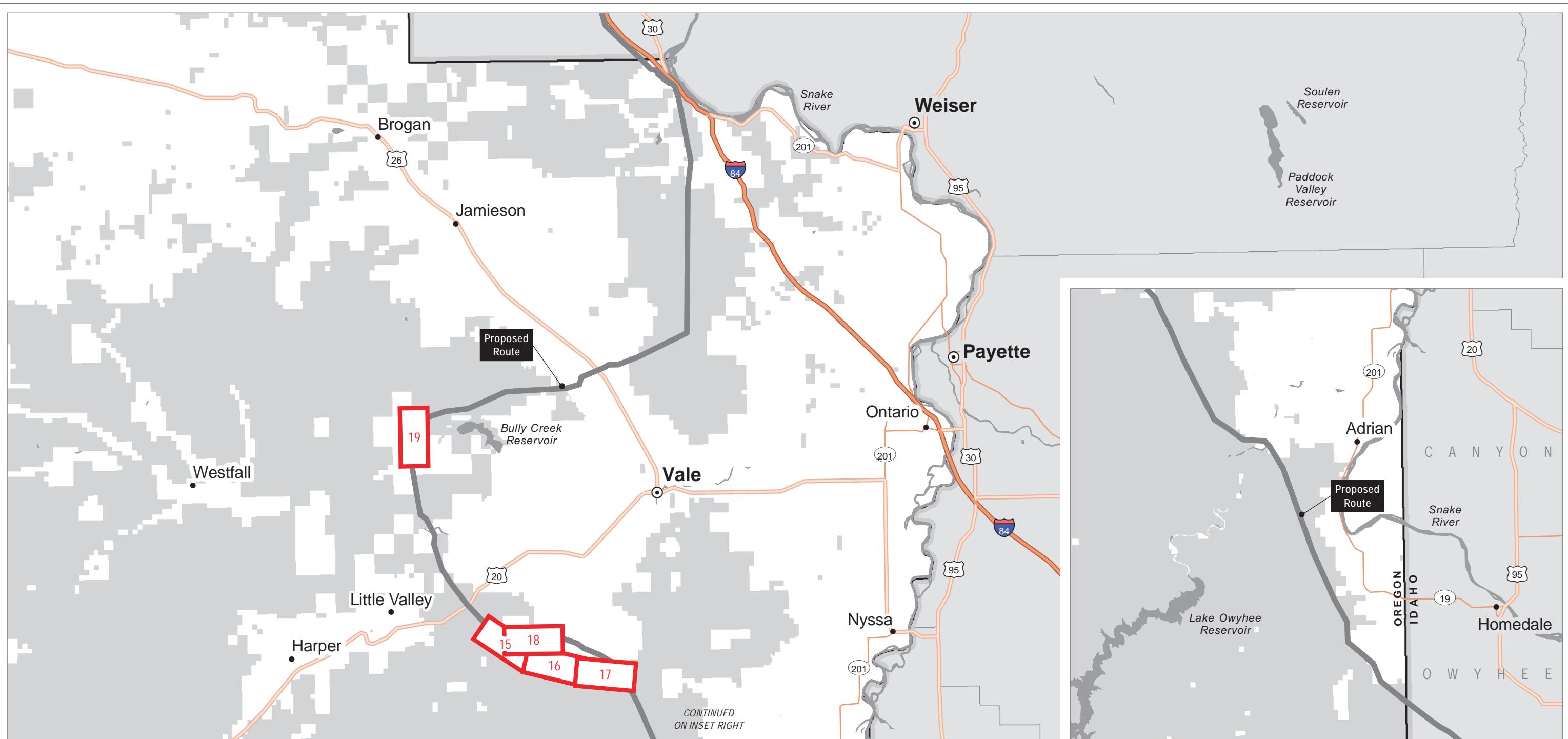
Boardman to Hemingway Transmission Line Project  
Application for Site Certificate



### Attachment C-3 Alternative Location Maps

Morgan Lake Alternative  
Union County

Map 14

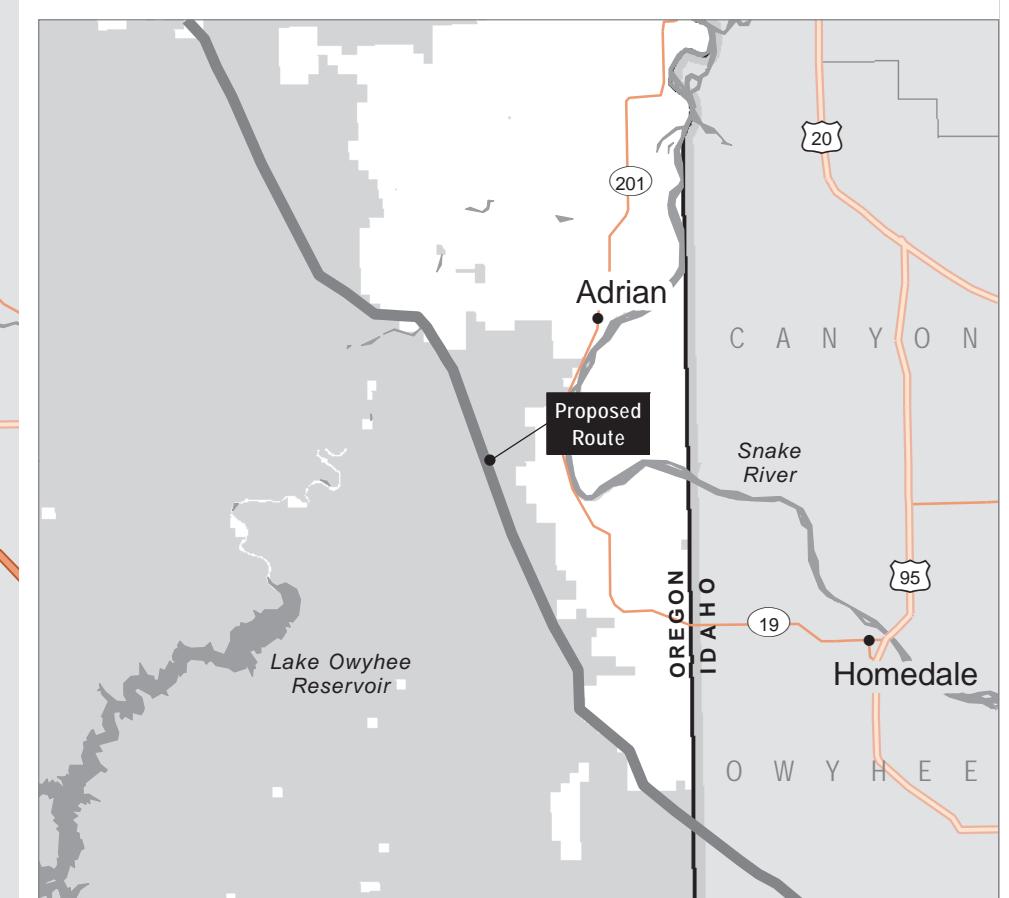


Source(s): BLM, IPC, Esri

Z:\UtilServ\Boardman\_Hemingway\Reports\002\_Oregon\_Energy\_Siting\_Council\03\_Final  
ASC\Exhibits\C\_Project Location\Maps\Attachment C-3\Index\_Malheur.mxd

#### Map Index

■ Location Map (Map #)



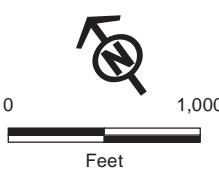
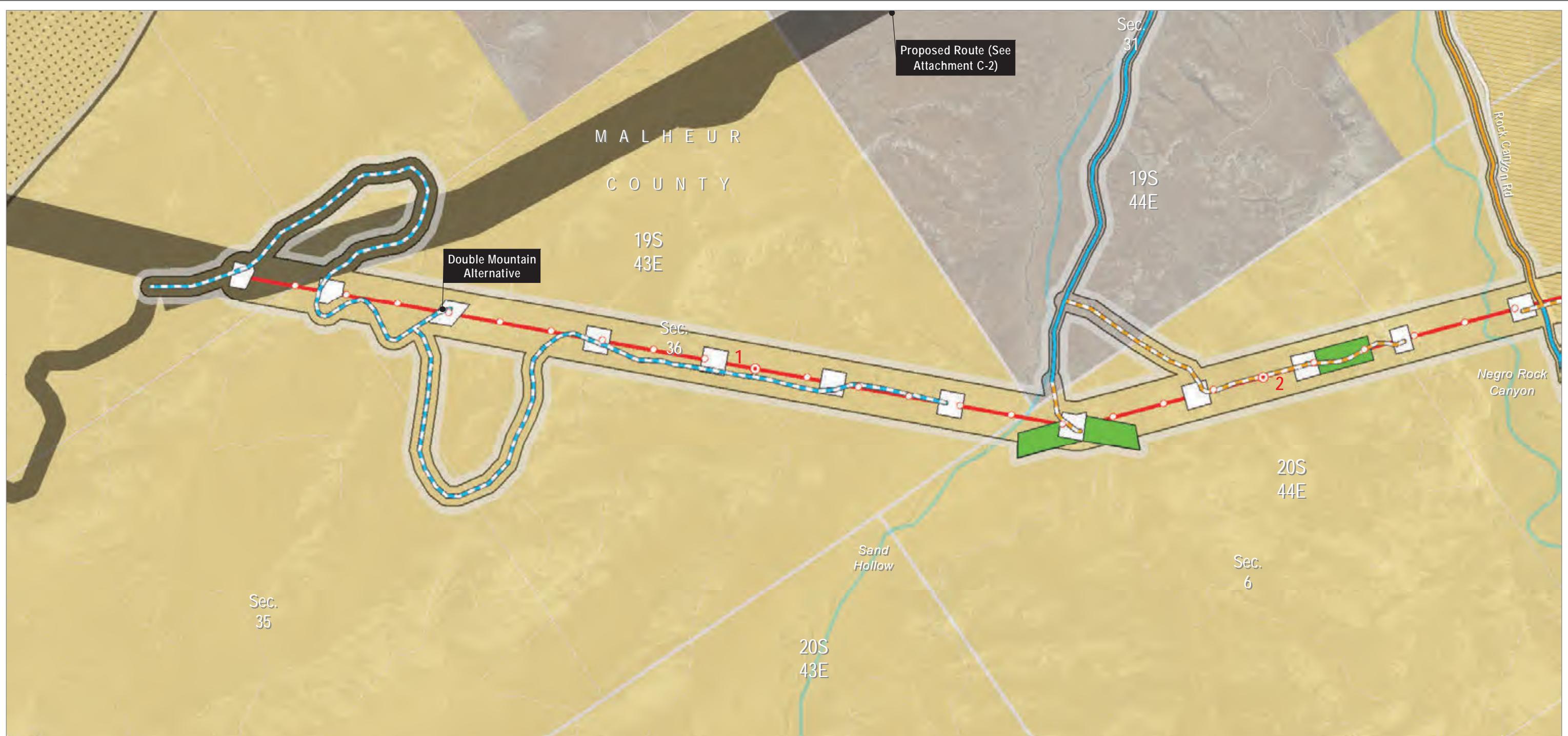
Boardman to Hemingway Transmission Line Project  
Application for Site Certificate



#### Attachment C-3 Alternative Location Maps

Double Mountain Alternative  
Malheur County

Map Index



Map Area

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

Z:\UtilServ\Boardman\_Hemingway\Reports\002\_Oregon\_Energy\_Siting\_Council\03\_Final  
ASCI\Exhibits\C\_Project Location\Maps\Attachment C-3\Double Mountain\_MALHEUR\_rev 20180613.mxd

**Project Features**  
□ Site Boundary (Alternative Route)  
■ 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  
— Other Road

**Stream**  
— Stream  
■ VRM 3  
■ Wilderness  
■ Characteristic Unit  
■ Meeting Wilderness Criteria  
**Land Status**  
■ Bureau of Land Management  
□ Private

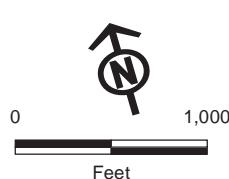
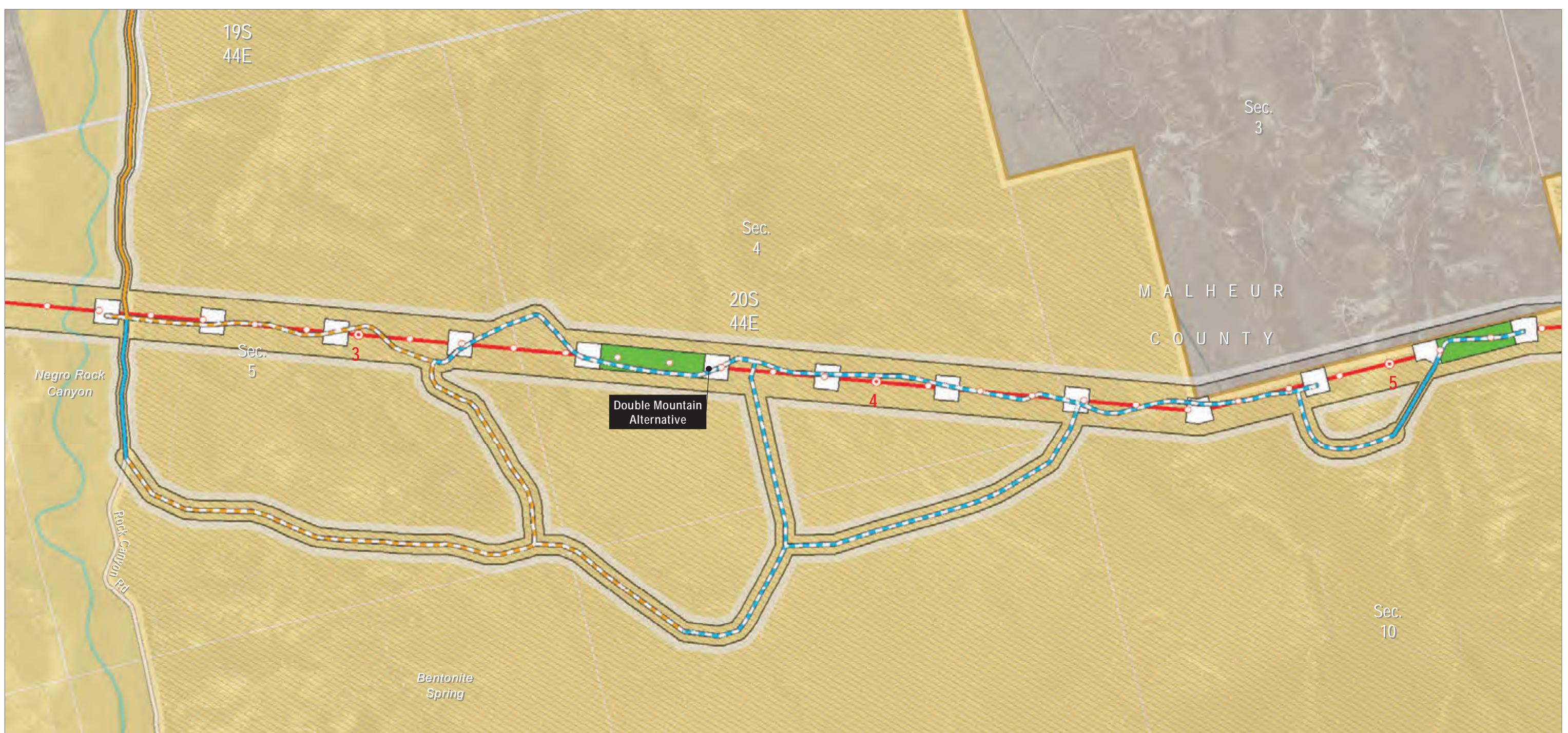
Boardman to Hemingway Transmission Line Project  
Application for Site Certificate



### Attachment C-3 Alternative Location Maps

Double Mountain Alternative  
Malheur County

Map 15



Map Area

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

Z:\UtilServ\Boardman\_Hemingway\Reports\002\_Oregon\_Energy\_Siting\_Council\03\_Final  
ASCI\Exhibits\C\_Project Location\Maps\Attachment C-3\Double Mountain\_MALHEUR\_rev 20180613.mxd

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

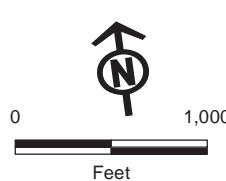
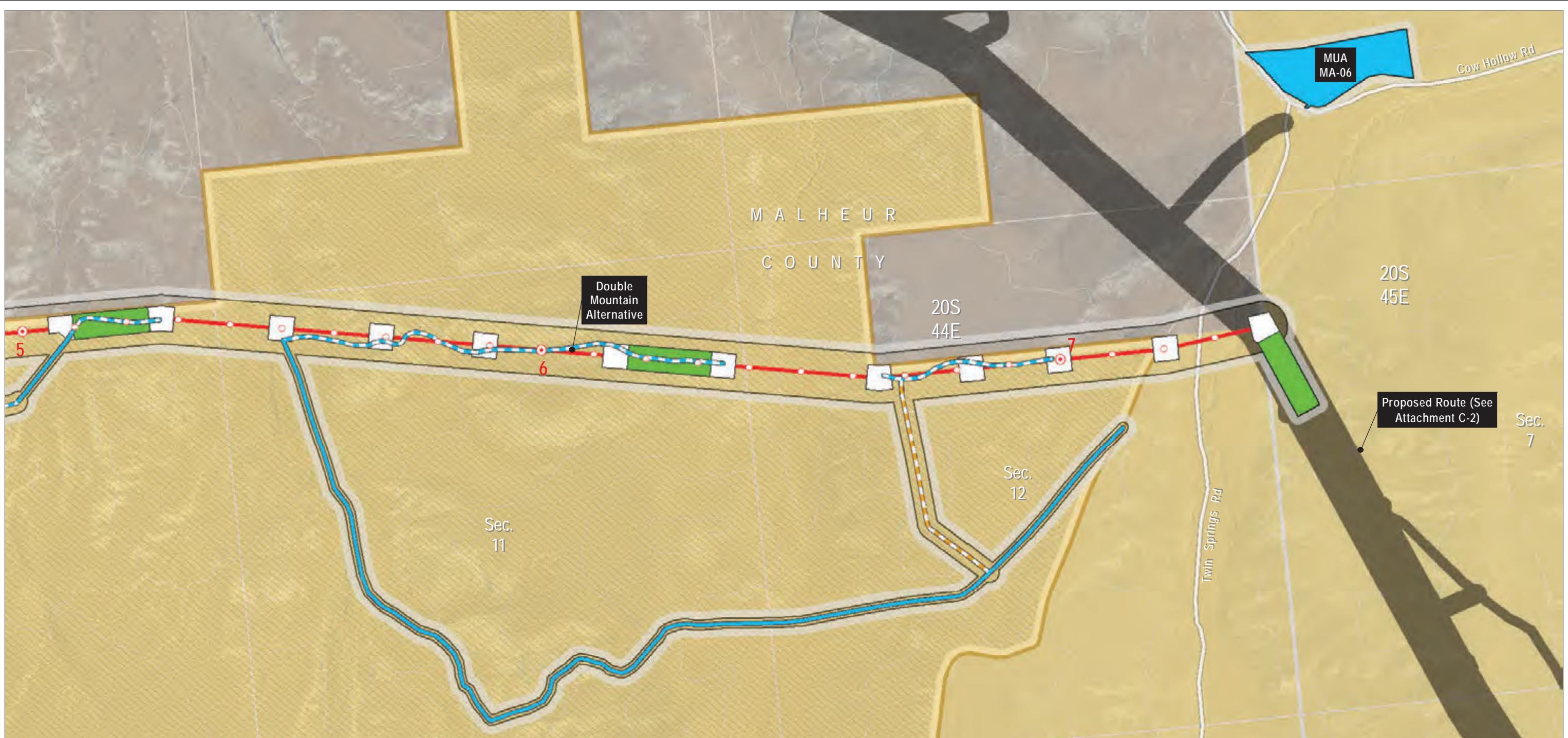
Boardman to Hemingway Transmission Line Project  
Application for Site Certificate



**Attachment C-3  
Alternative Location Maps**

Double Mountain Alternative  
Malheur County

Map 16



Map Area

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

Z:\U\U1\Boardman\_Hemingway\Reports\002\_Oregon\_Energy\_Siting\_Council\03\_Final  
ASCI\Exhibits\C\_Project Location\Maps\Attachment C-3\Double Mountain\_MALHEUR\_rev 20180613.mxd

**Project Features**

- Site Boundary (Alternative Route) (White Box)
- Site Boundary (Proposed Route) (Black Box)
- Transmission Centerline (Red Line)

**Mileposts**

- Mile (Red Circle)
- Tenth-mile (White Circle)

**Work Areas**

- Multi-Use Area (Blue Box)
- Pulling and Tensioning (Green Box)
- Structure Work Area (White Box)

**Access**

- Existing Road, Substantial Modification, 71-100% Improvements (Blue Line)
- New Road, Bladed (Blue Line)
- New Road, Primitive (Orange Line)

**Important Siting Constraints and Other Features**

- 100-foot Contours (Wavy Line)
- Other Road (White Line)

**Wilderness**

- Characteristic Unit Meeting Wilderness Criteria (Black Box)

**Land Status**

- Bureau of Land Management (Yellow Box)
- Private (White Box)

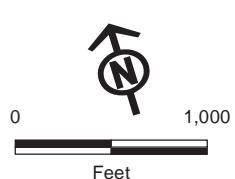
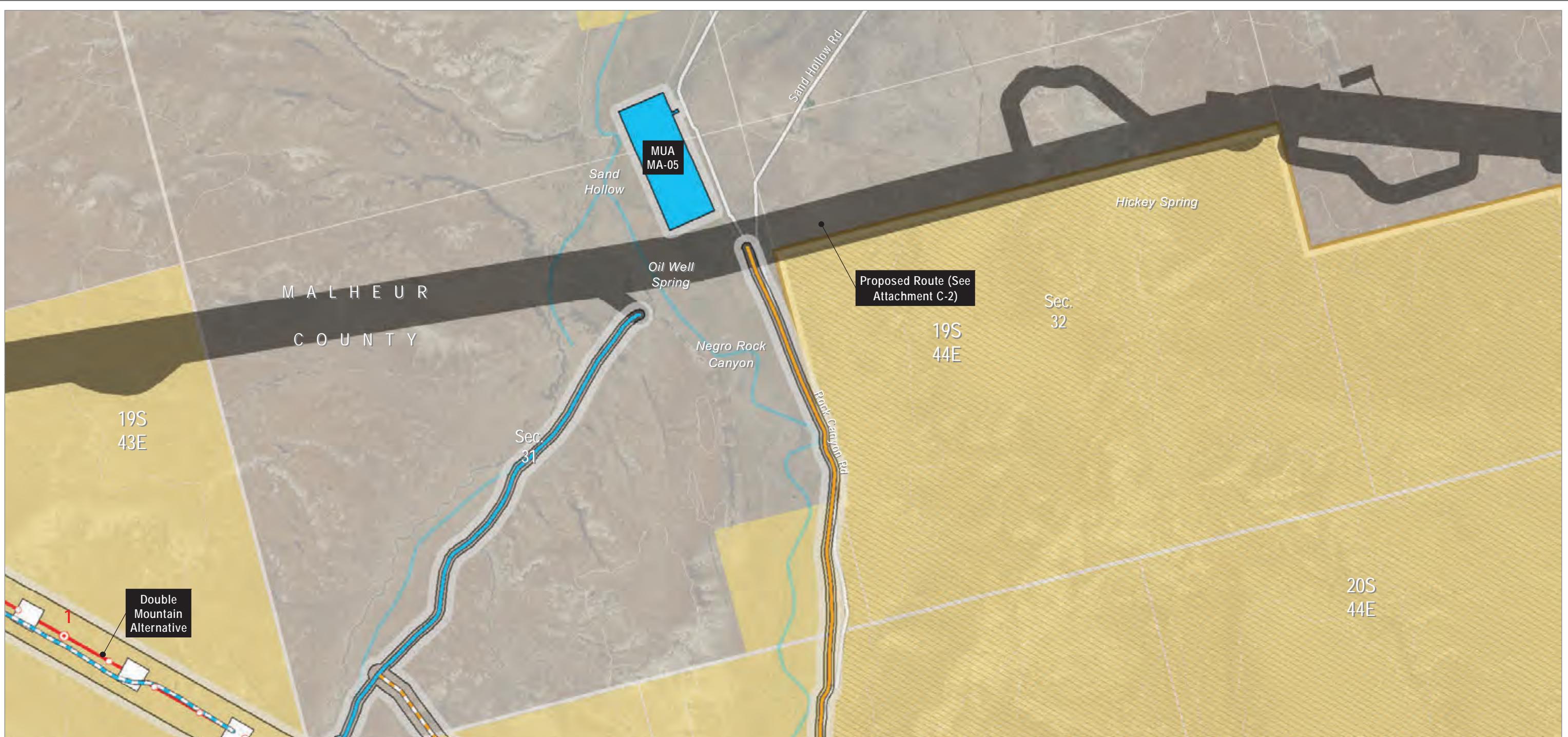
Boardman to Hemingway Transmission Line Project  
Application for Site Certificate



### 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, GeoEyes, Earthstar Graphics, CNES/Airbus DS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo

Z:\UtilServ\Boardman\_Hemingway\Reports\002\_Oregon\_Energy\_Siting\_Council\03\_Final  
ASCI\Exhibits\C\_Project Location\Maps\Attachment C-3\Double Mountain\_MALHEUR\_rev 20180613.mxd

**Project Features**

- Site Boundary (Alternative Route)
- Site Boundary (Proposed Route)
- Transmission Centerline
- Mileposts
- 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

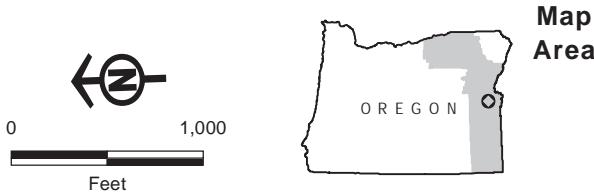
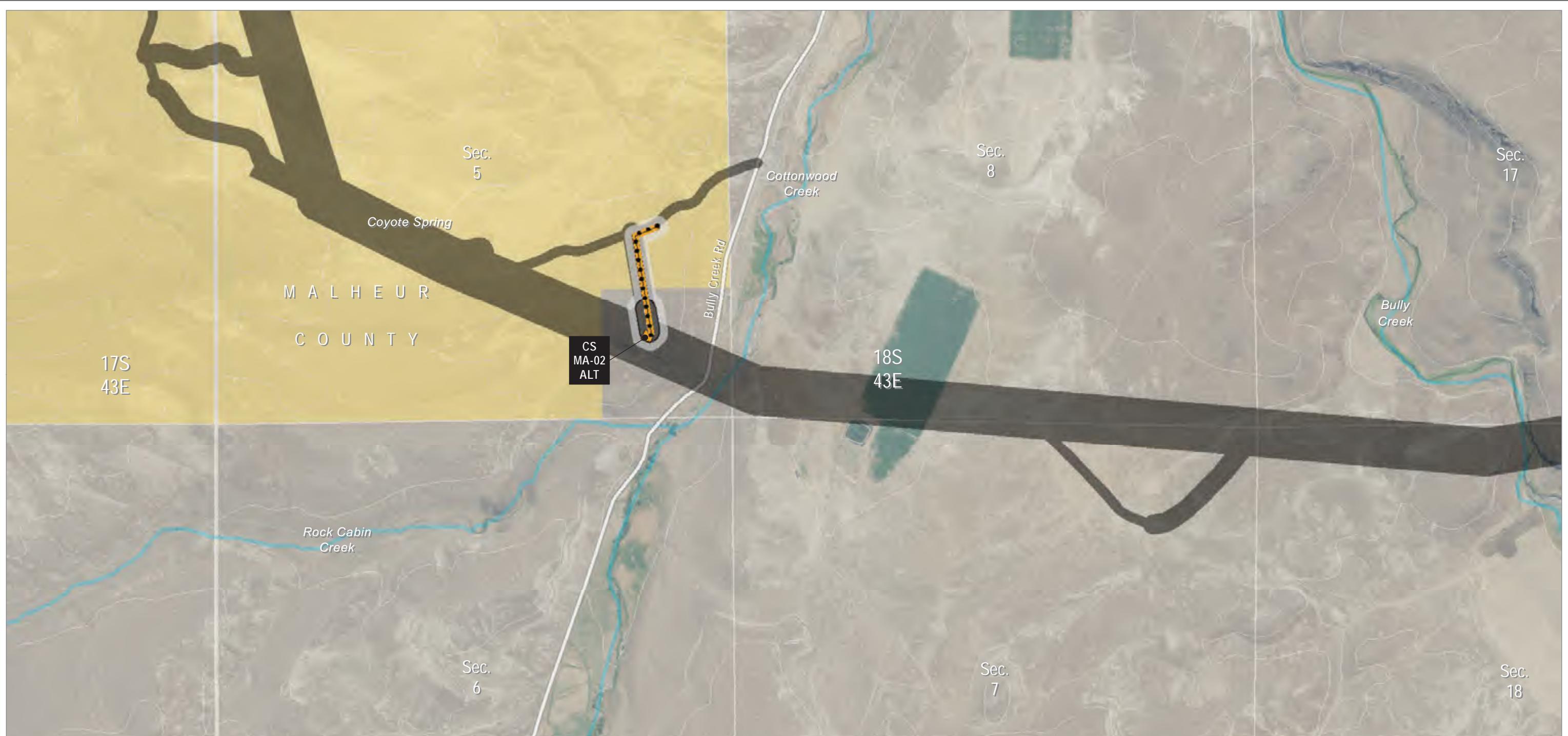
Boardman to Hemingway Transmission Line Project  
Application for Site Certificate



### 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, GeoEyes, Earthstar Graphics, CNES/Airbus DS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo

Z:\UtilServ\Boardman\_Hemingway\Reports\002\_Oregon\_Energy\_Siting\_Council\03\_Final  
ASCI\Exhibits\C\_Project Location\Maps\Attachment C-3\Double Mountain\_MALHEUR\_rev 20180613.mxd

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

Boardman to Hemingway Transmission Line Project  
Application for Site Certificate



### Attachment C-3 Alternative Location Maps

Double Mountain Alternative  
Malheur County

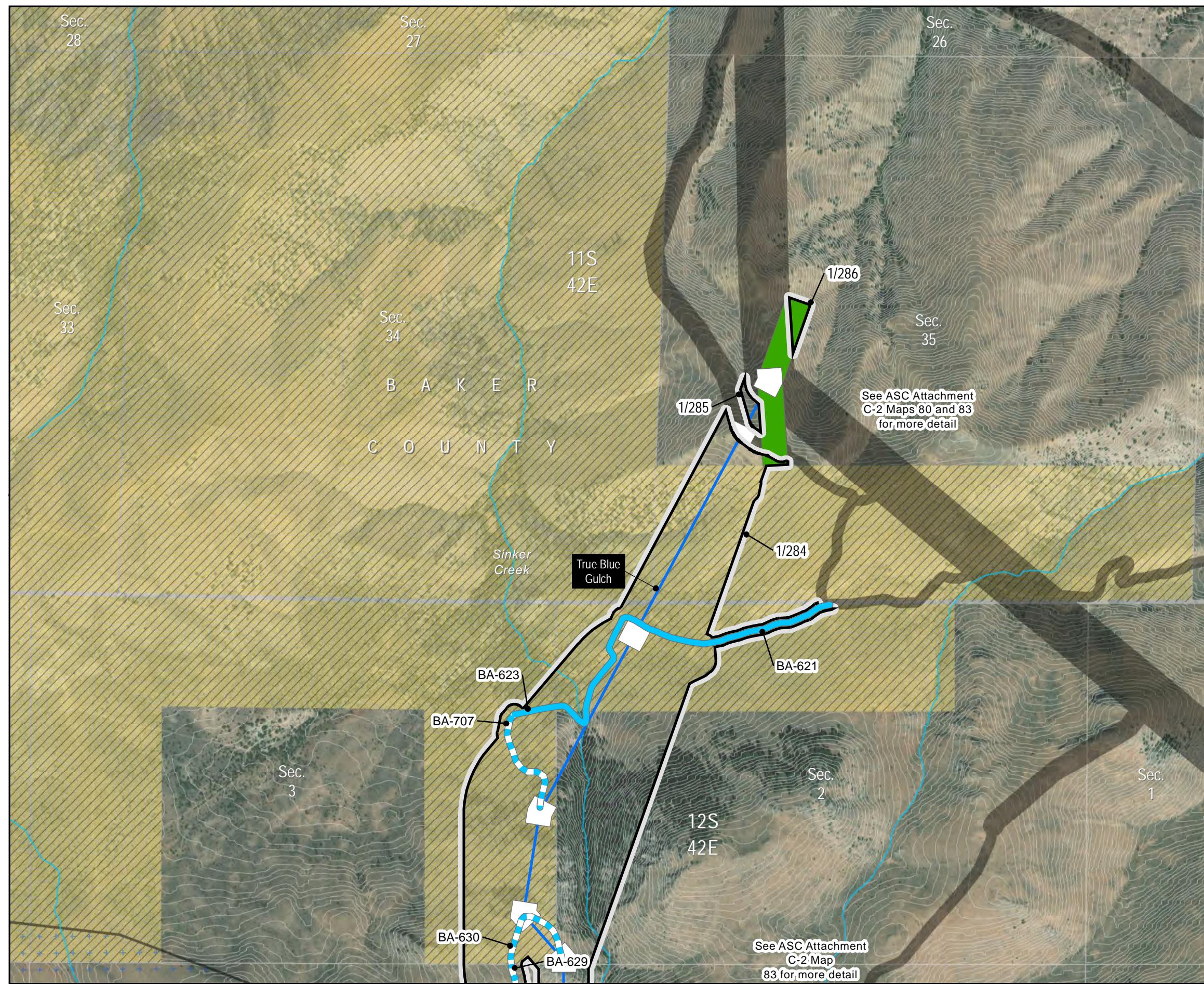
Map 19

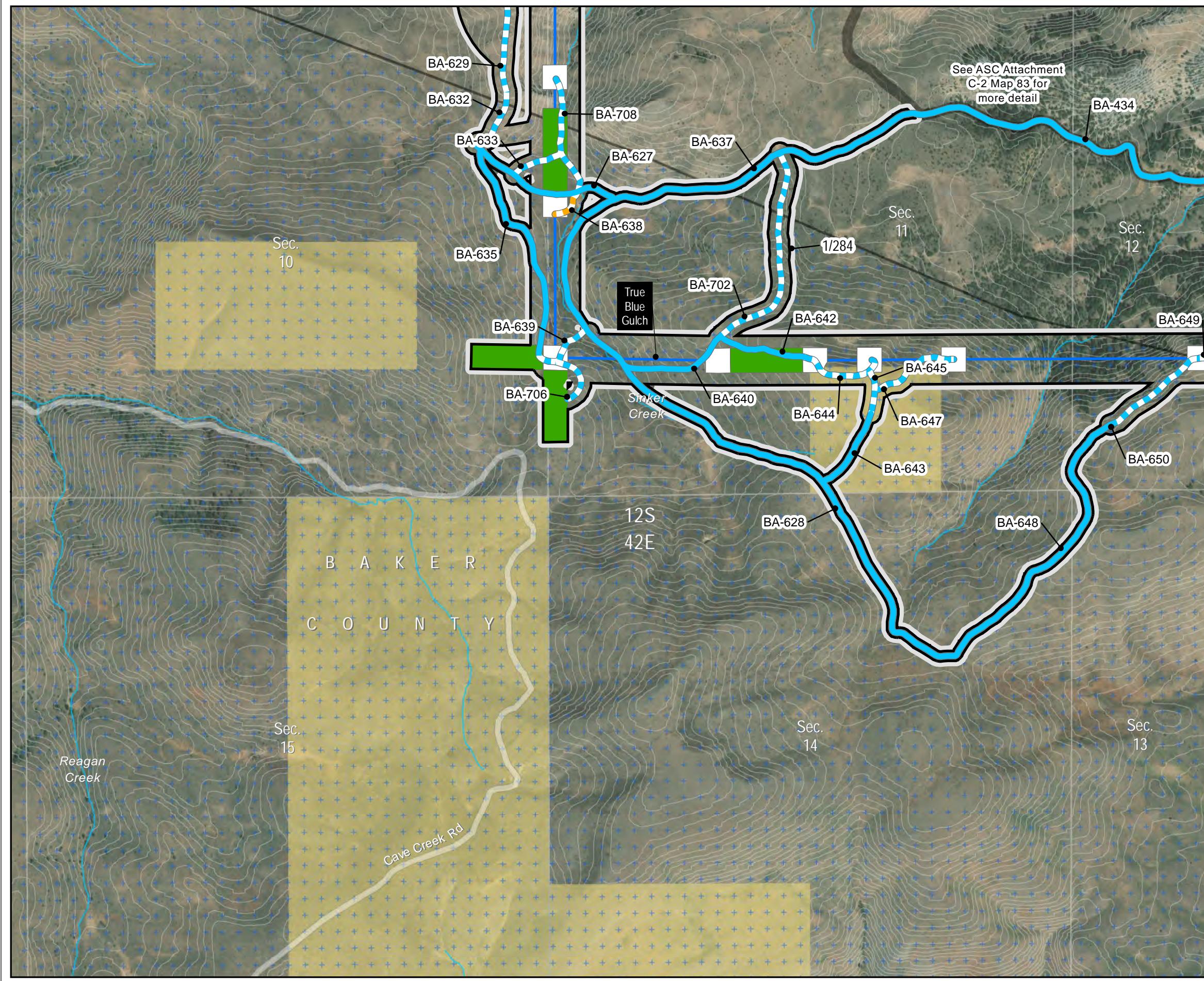


Figure 4-1  
RFA1 Site Boundary Changes

True Blue Gulch  
Baker County

Map 2





Boardman to Hemingway  
Transmission Project  
Request for Amendment 1

## Figure 4-1 RFA1 Site Boundary Changes

# True Blue Gulch

## Baker County

## Map 3

## Project Features

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

## Access

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

New Road

- Work Areas
  - Pulling and Tensioning
  - Structure Work Area

## Important Siting Constraints and Other Features

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

Notes:

Project features current as of March 9, 2023

Data Source(s):

### Imagery:

A black and white icon consisting of a vertical line with an upward-pointing arrow at the top, and a circle containing the letter 'N' at the bottom of the line.

Foot

## Map



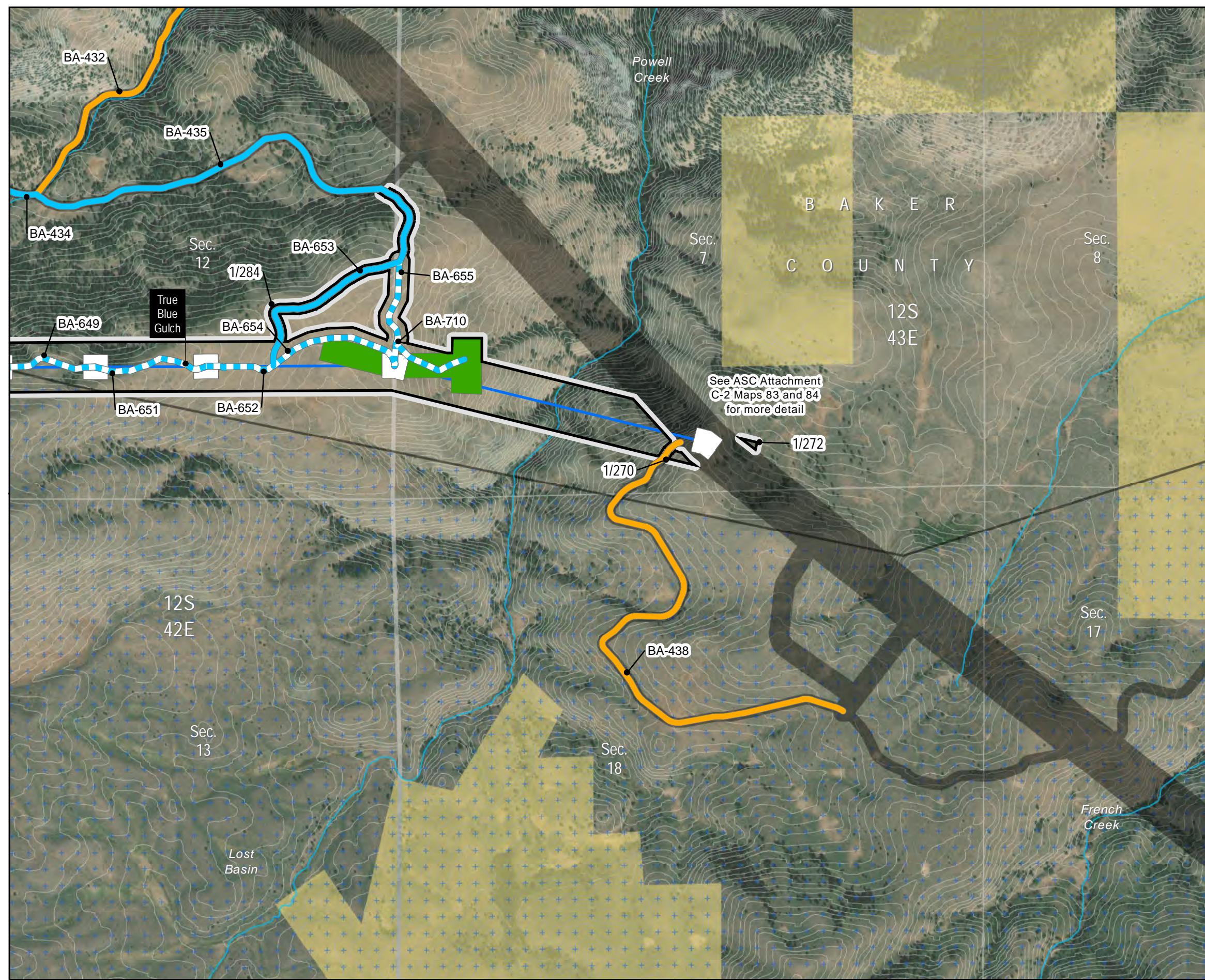
Z:\UtilServ\Boardman\_Hemingway\Reports\002\_Oregon\_Energy\_Siting\_Council\05\_RFA1\Exhibits\Project Location\FIG 4-1 RFA1\_Site Boundary Changes Alignment MAPBOOK 20230502.mxd 5/2/2023

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

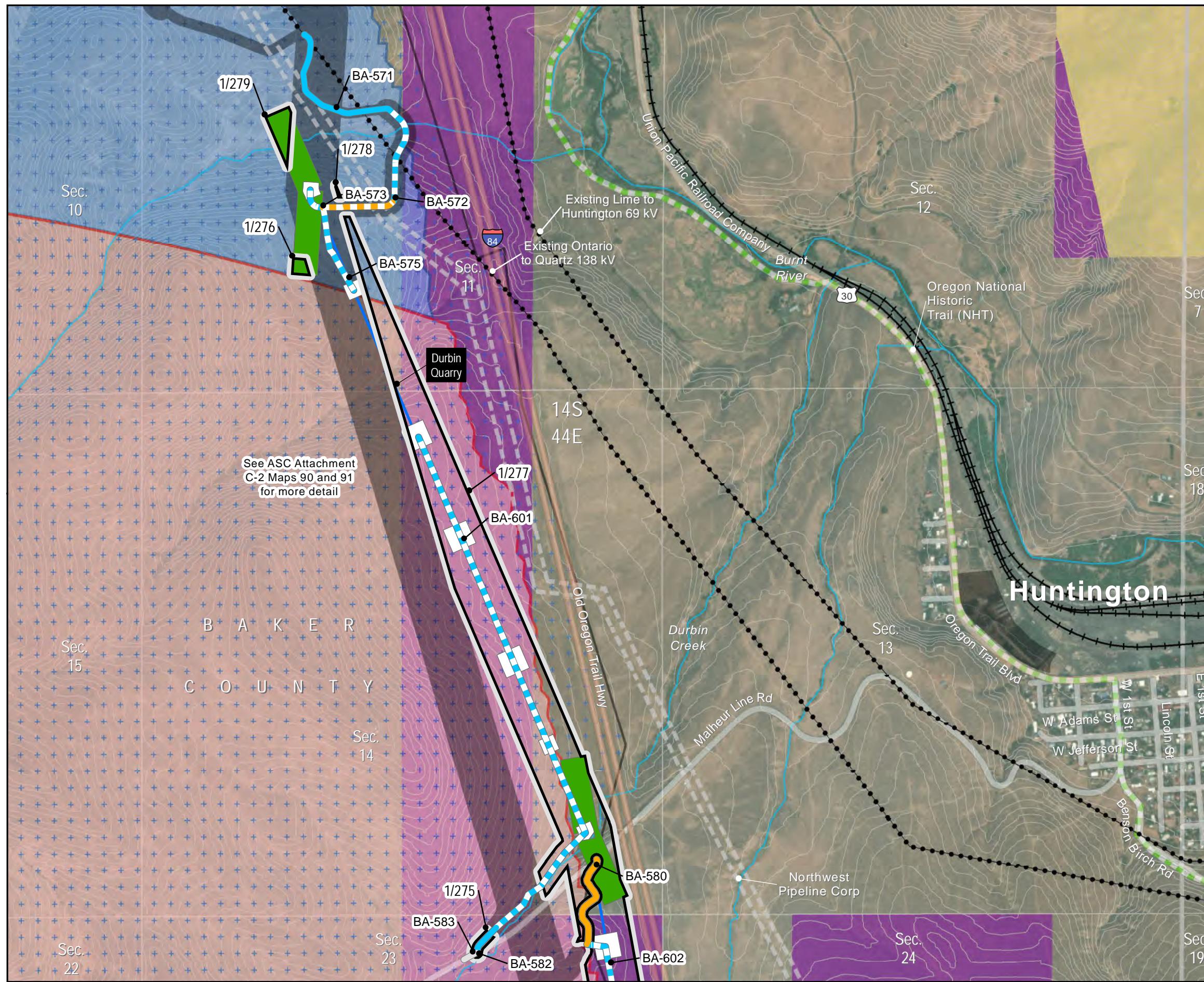
Imagery:  
Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

Boardman to Hemingway  
Transmission Project  
Request for Amendment 1

Figure 4-1  
RFA1 Site Boundary Changes

Durbin Quarry  
Baker County

Map 5

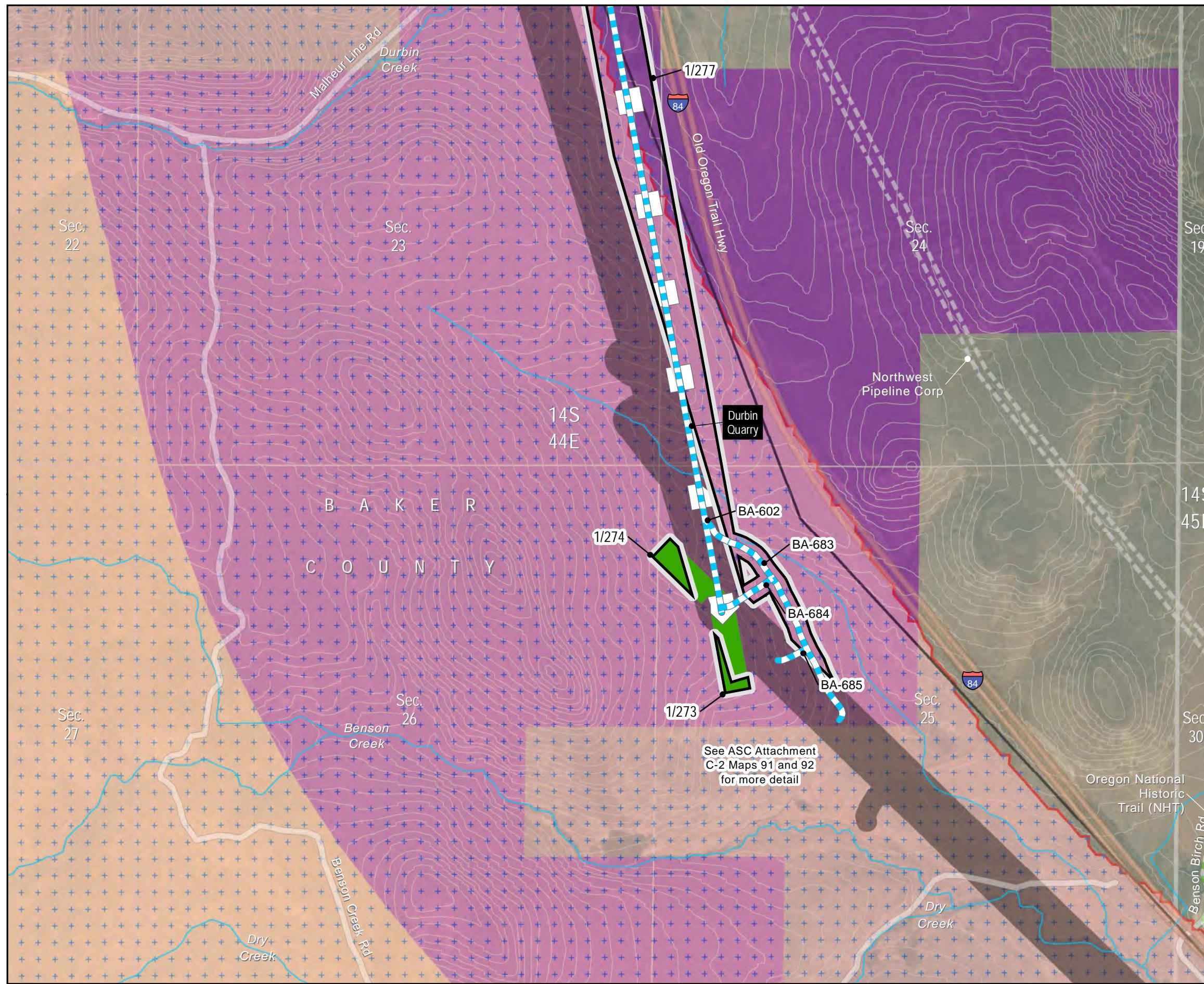


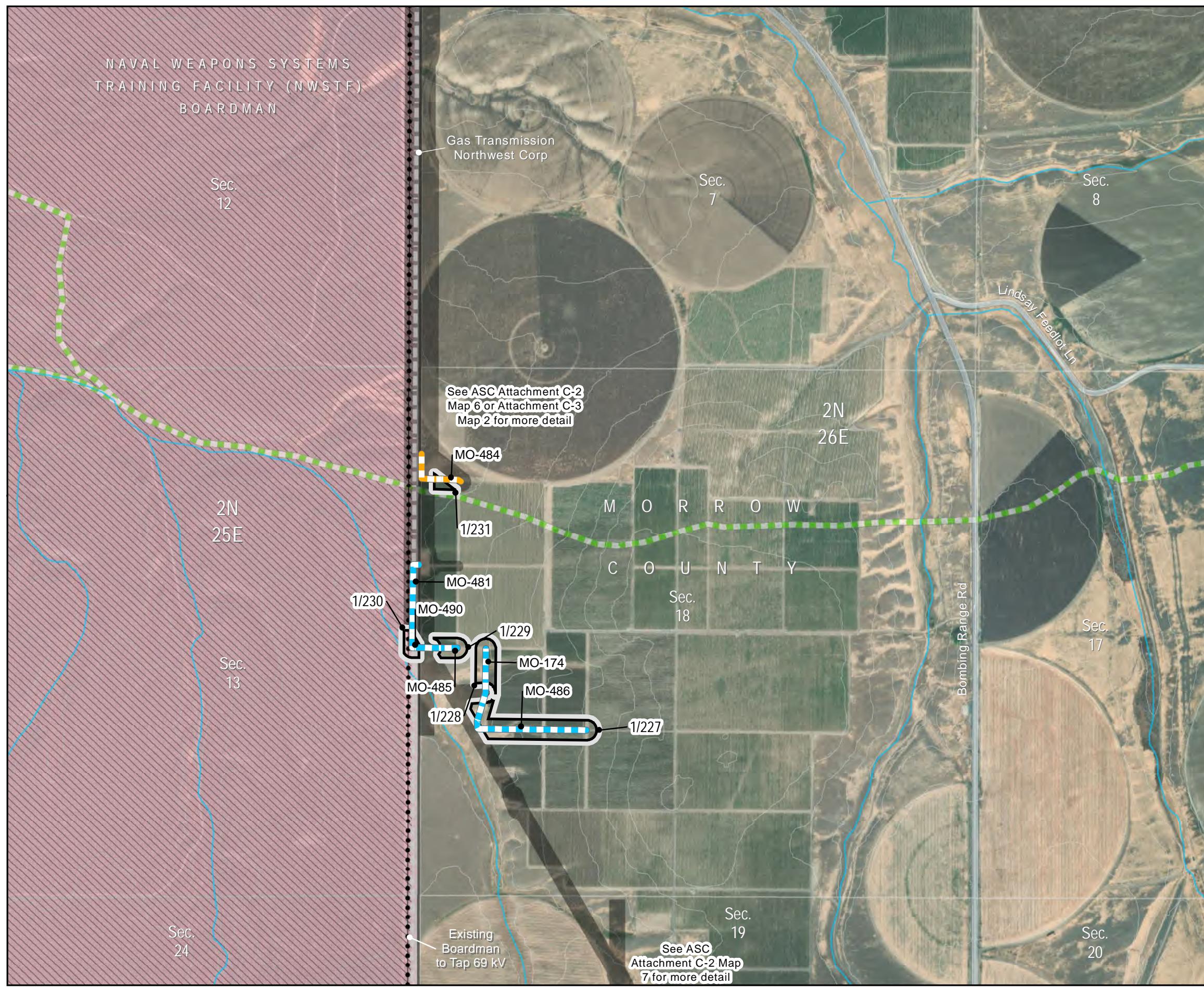
Boardman to Hemingway  
Transmission Project  
Request for Amendment 1

Figure 4-1  
RFA1 Site Boundary Changes

Durbin Quarry  
Baker County

Map 6





Boardman to Hemingway  
Transmission Project  
Request for Amendment 1

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



1,000

Feet



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.

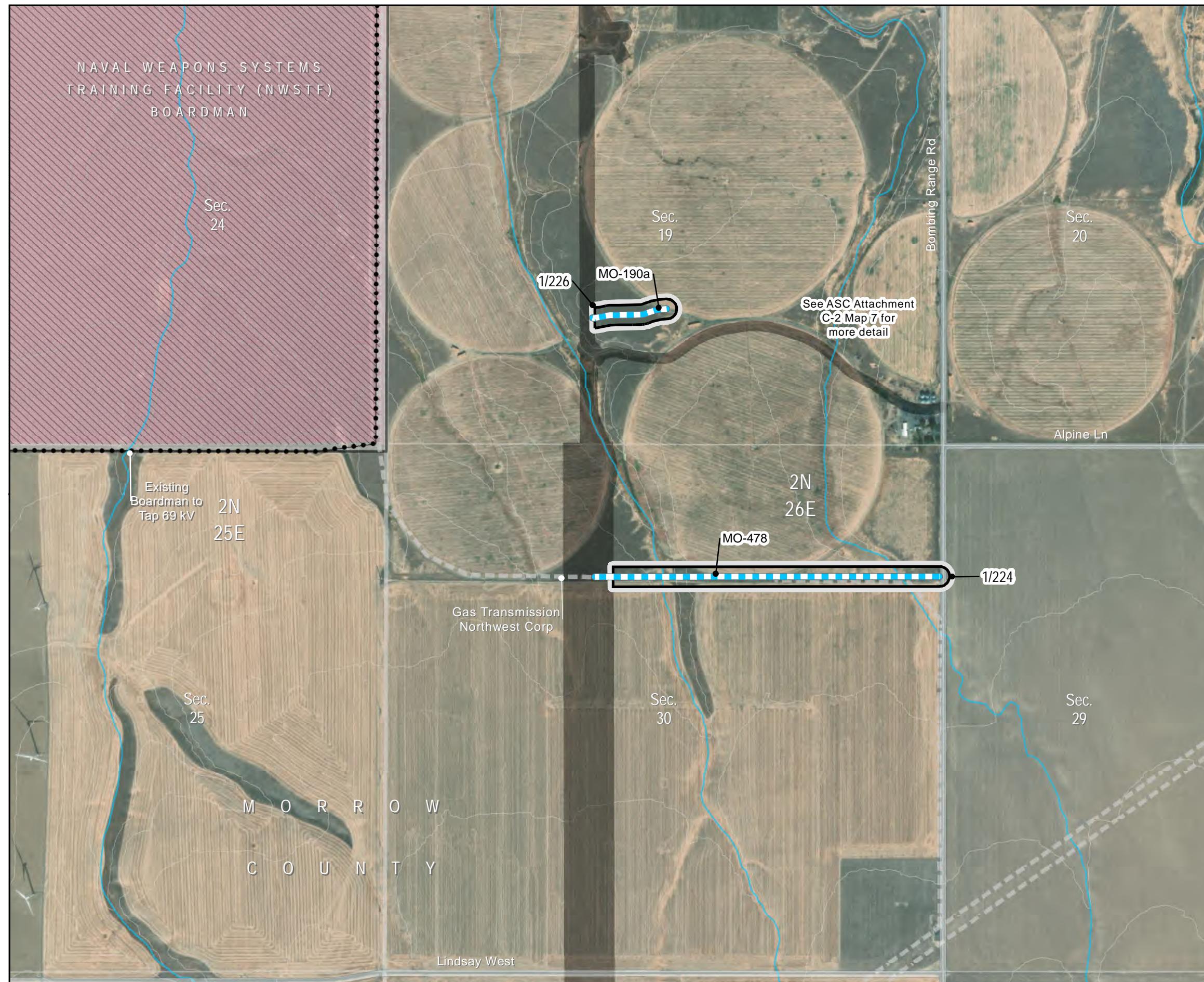
Data Source(s):  
BLM, Esri, NPS, ODOT, USGS, Velocity

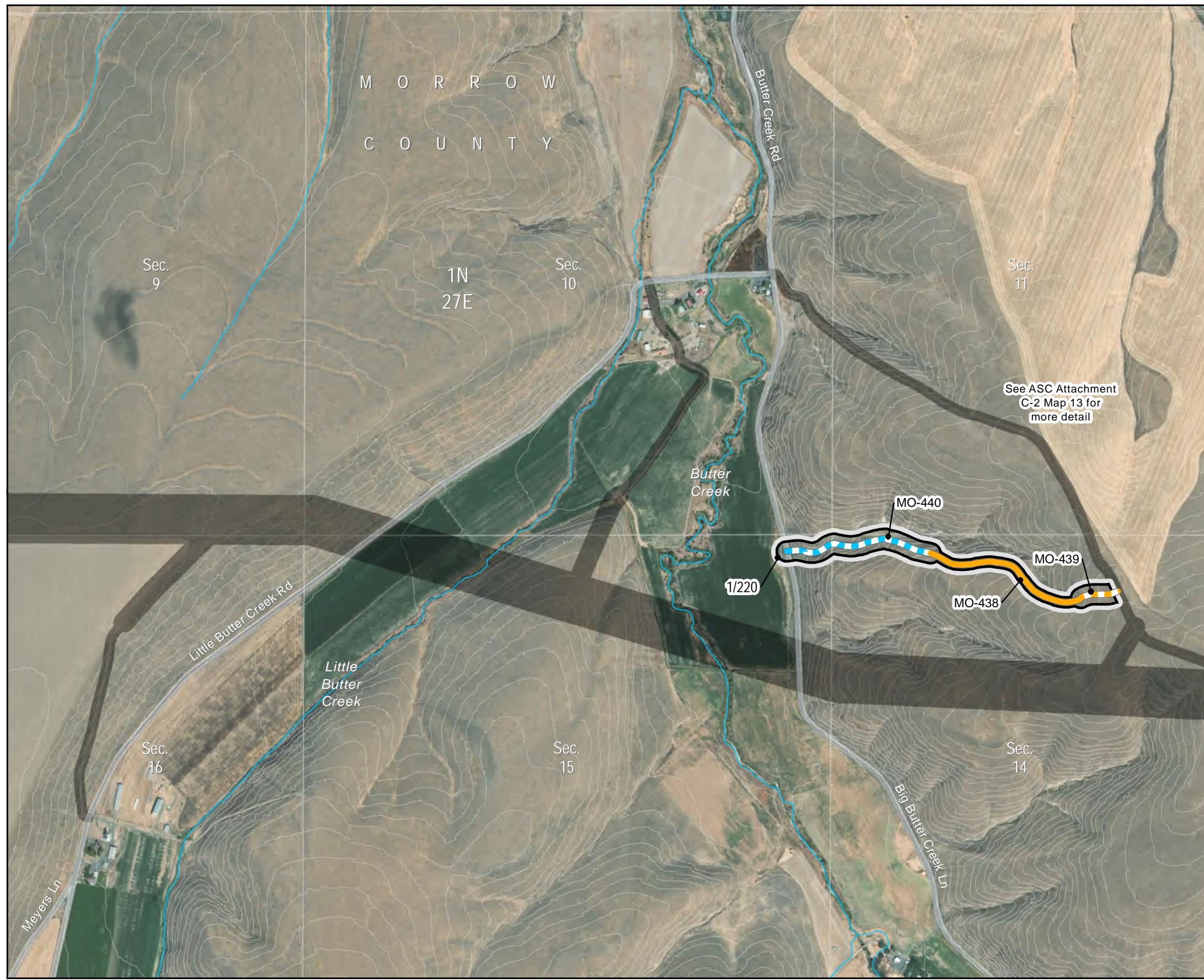
Imagery:  
Source: Esri, Maxar, Earthstar Geographics,  
and the GIS User Community



1,000

Feet





Boardman to Hemingway  
Transmission Project  
Request for Amendment 1

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

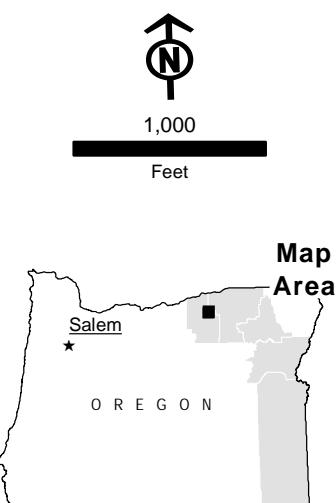
- Private

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

Boardman to Hemingway  
Transmission Project  
Request for Amendment 1

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



1,000  
Feet



Figure 4-2  
RFA1 Site Boundary Changes

Access Roads  
Umatilla County

Map 6

Project Features

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

Access

- New Road, Bladed

Important Siting Constraints and Other Features

- 20-ft Contours
- Stream
- Public Roads

Land Status

- Private

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

Project features current as of March 9, 2023.

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

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



1,000

Feet



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.

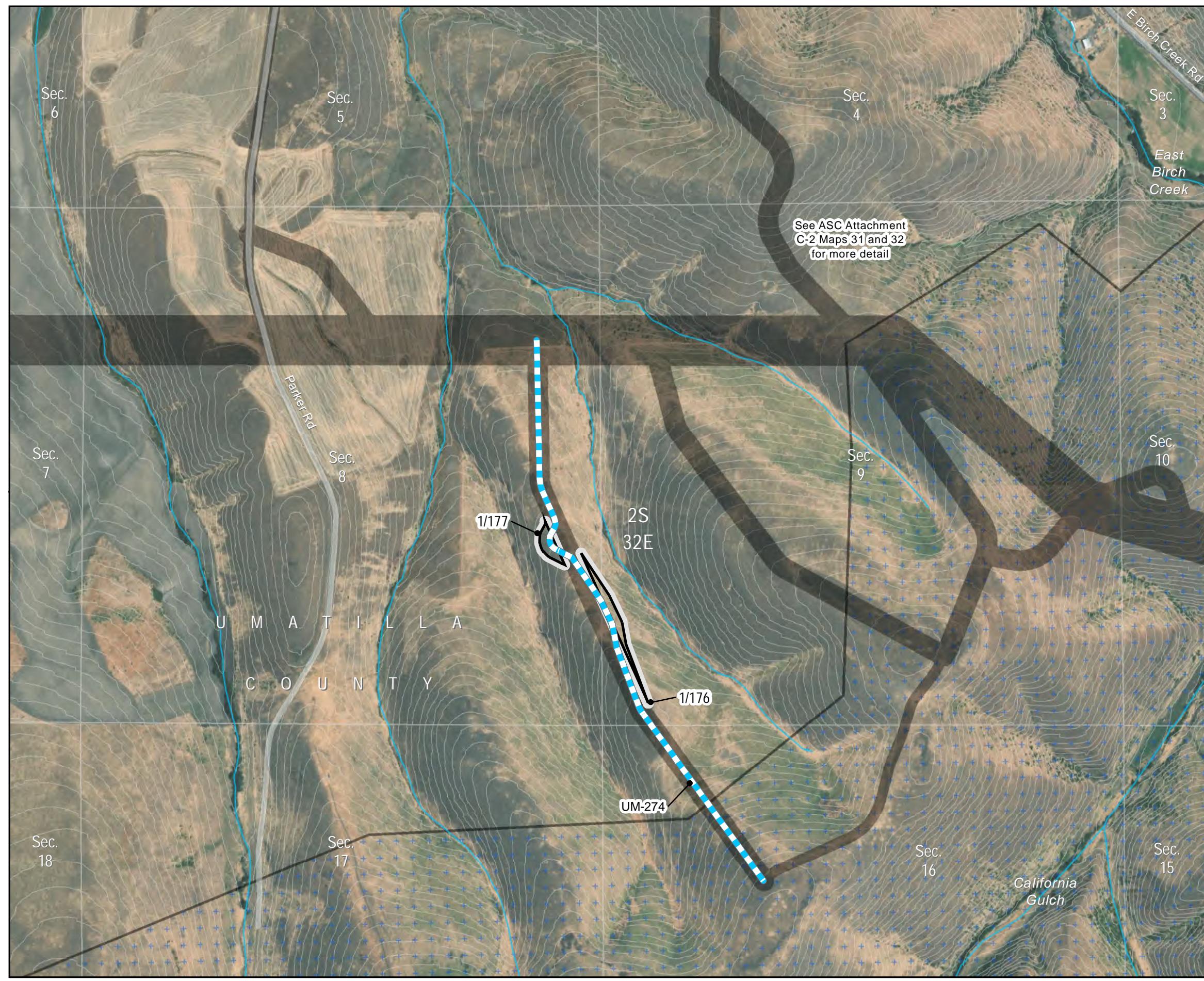
Data Source(s):  
BLM, Esri, NPS, ODOT, USGS, Velocity

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



1,000

Feet







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:

Project features current as of March 9, 2023

Data Source(s):

### Imagery:

↑  
N  
1,000

## Map



Z:\UtilServ\Boardman\_Hemingway\Reports\002\_Oregon\_Energy\_Siting\_Council\05\_RFA1\Exhibits\Project\_Location\FIG 4-2 RFA1\_Site Boundary Changes Access MAPBOOK 20230502.mxd 5/2/2023

Boardman to Hemingway  
Transmission Project  
Request for Amendment 1

Figure 4-2  
RFA1 Site Boundary Changes

Access Roads  
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

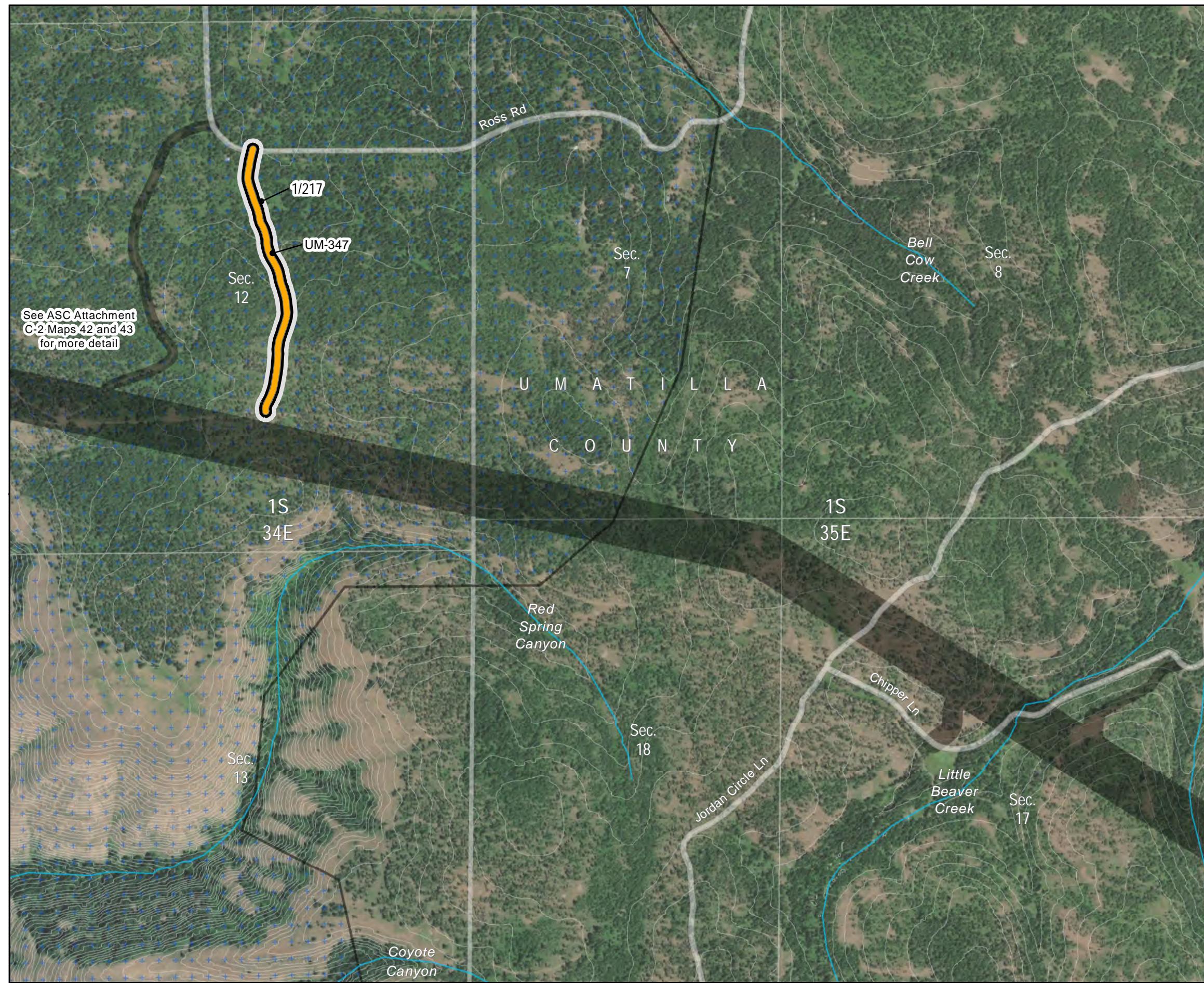
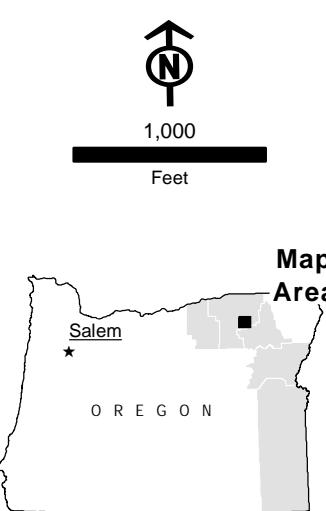
20-ft Contours  
 Stream  
 Public Roads  
 Elk Winter Range  
Land Status  
 Private

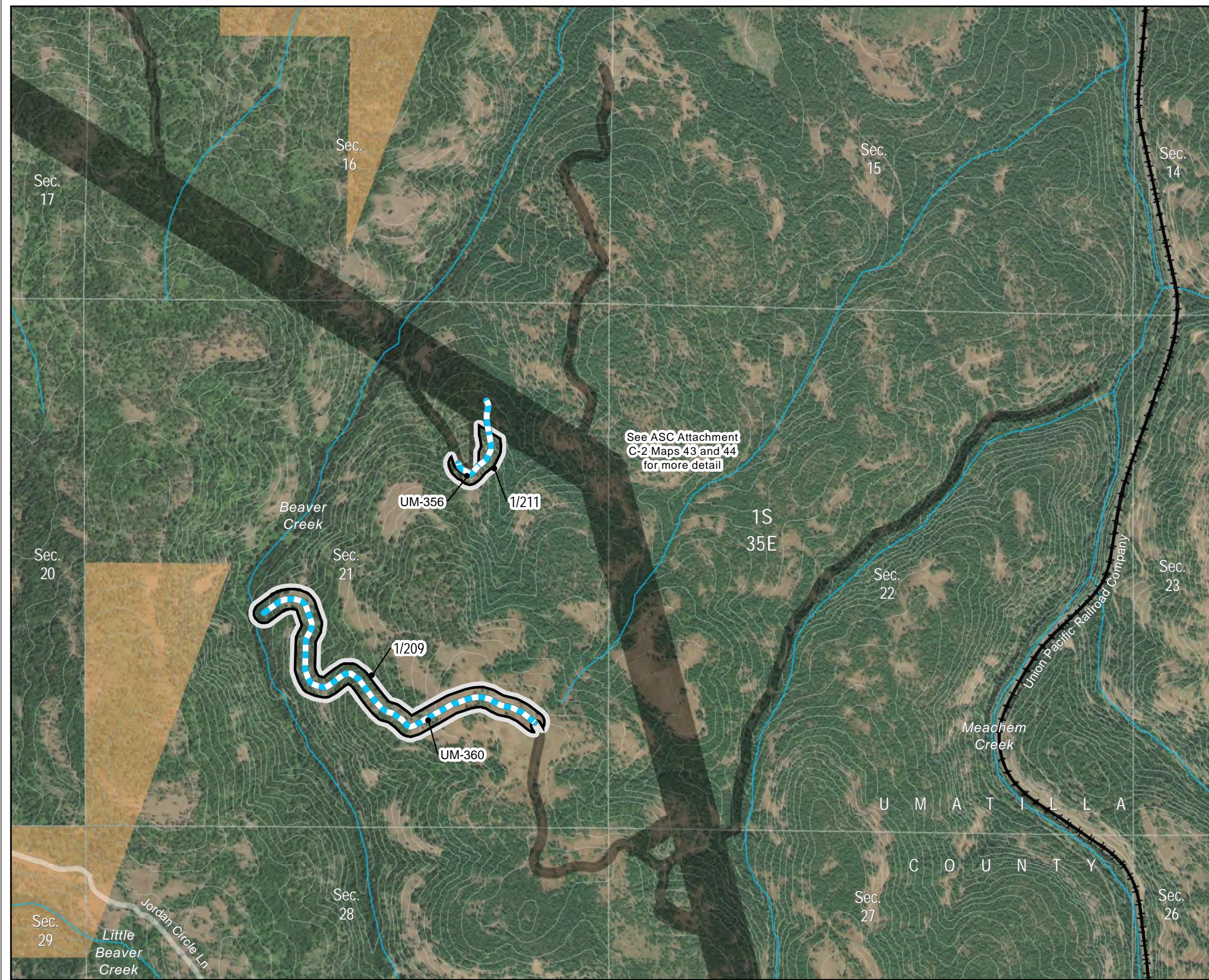
Notes:  
Not intended for construction or any uses other than intended purpose.

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





Boardman to Hemingway  
Transmission Project  
Request for Amendment 1

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 Rese

Notes:

Project features current as of March 9, 2022

Data Source(s):

### Imagery:

A black and white icon consisting of a circle with a vertical line through it. The letter 'N' is inside the circle, and an upward-pointing arrow is attached to the vertical line.

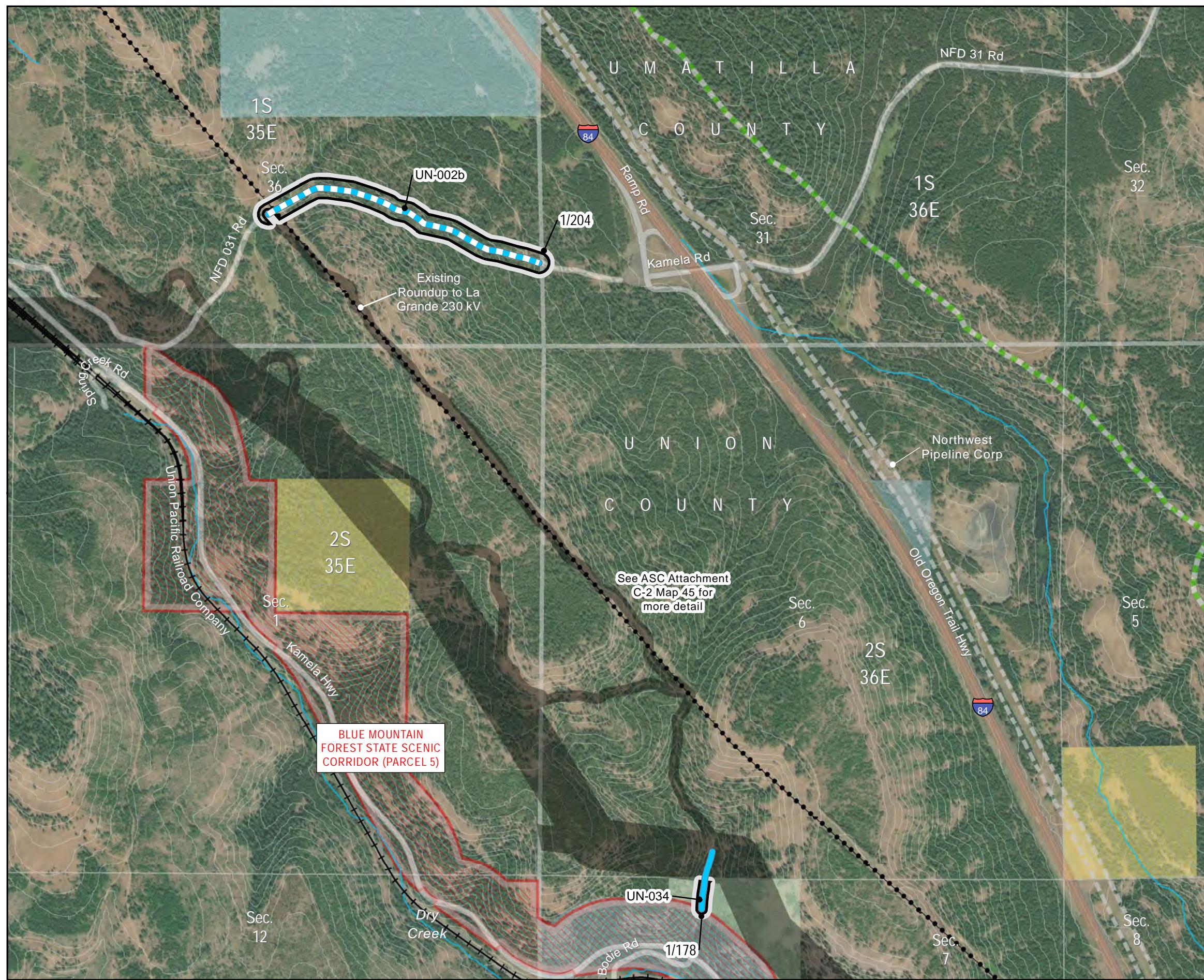
## Map

Boardman to Hemingway  
Transmission Project  
Request for Amendment 1

Figure 4-2  
RFA1 Site Boundary Changes

Access Roads  
Union County

Map 12

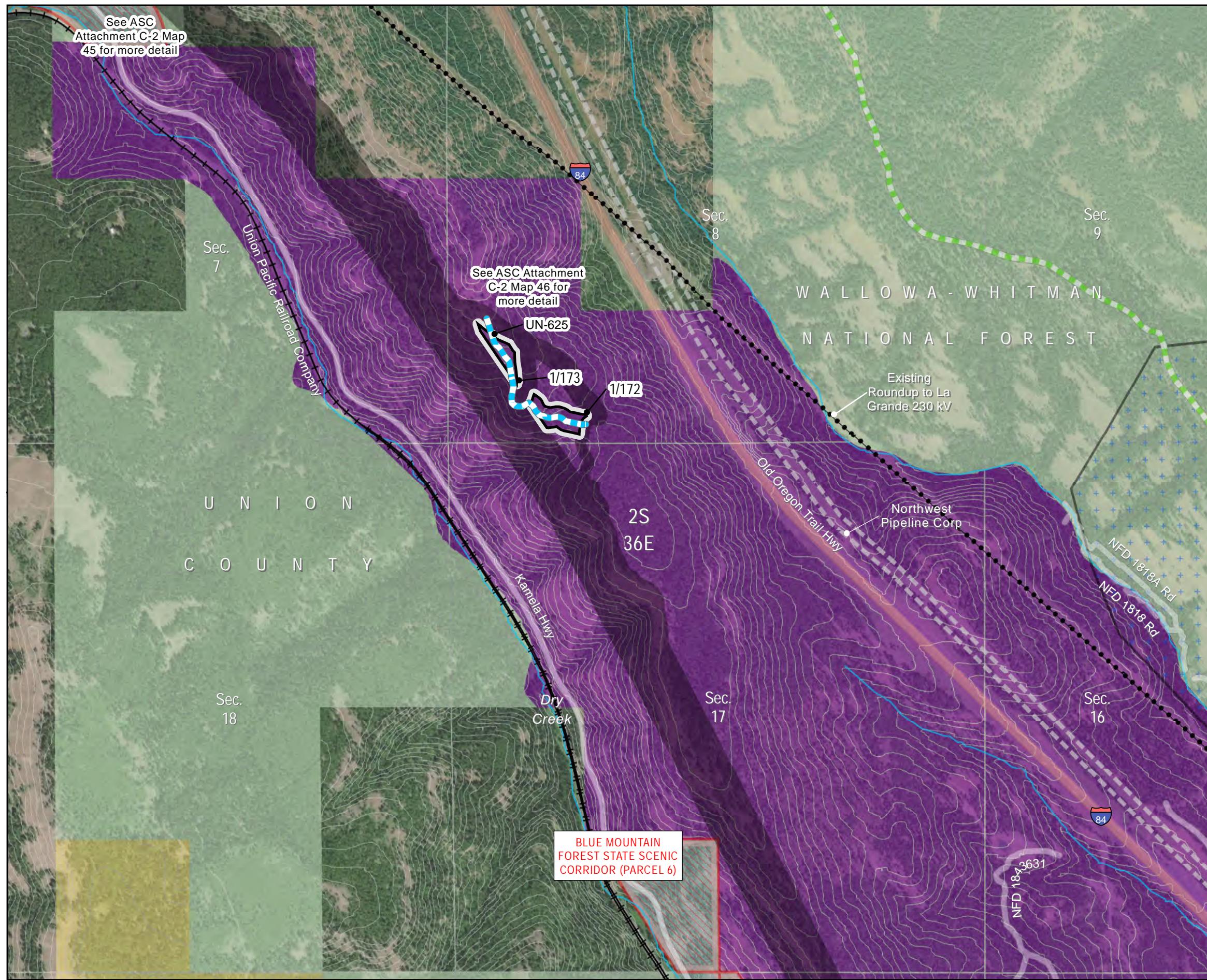


Boardman to Hemingway  
Transmission Project  
Request for Amendment 1

Figure 4-2  
RFA1 Site Boundary Changes

Access Roads  
Union County

Map 13

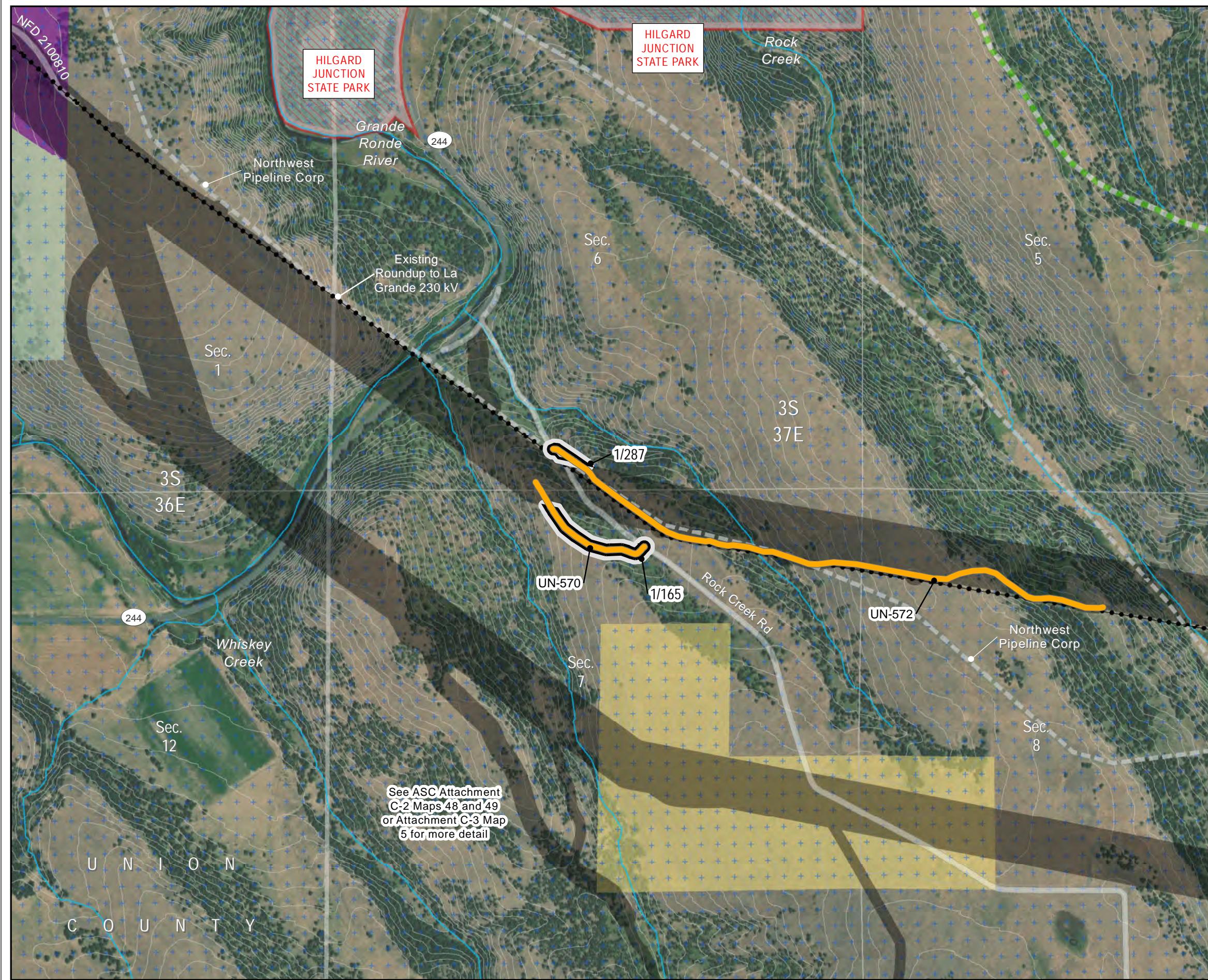


Boardman to Hemingway  
Transmission Project  
Request for Amendment 1

Figure 4-2  
RFA1 Site Boundary Changes

Access Roads  
Union County

Map 14



Boardman to Hemingway  
Transmission Project  
Request for Amendment 1

Figure 4-2  
RFA1 Site Boundary Changes

Access Roads  
Union County

Map 15

Project Features

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

Access

- New Road, Bladed

Important Siting Constraints and Other Features

- 20-ft Contours
- Pipeline
- Stream
- Public Roads
- Morgan Lake Park
- Elk Winter Range

Land Status

- Private

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

Project features current as of March 9, 2023.

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

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



1,000  
Feet

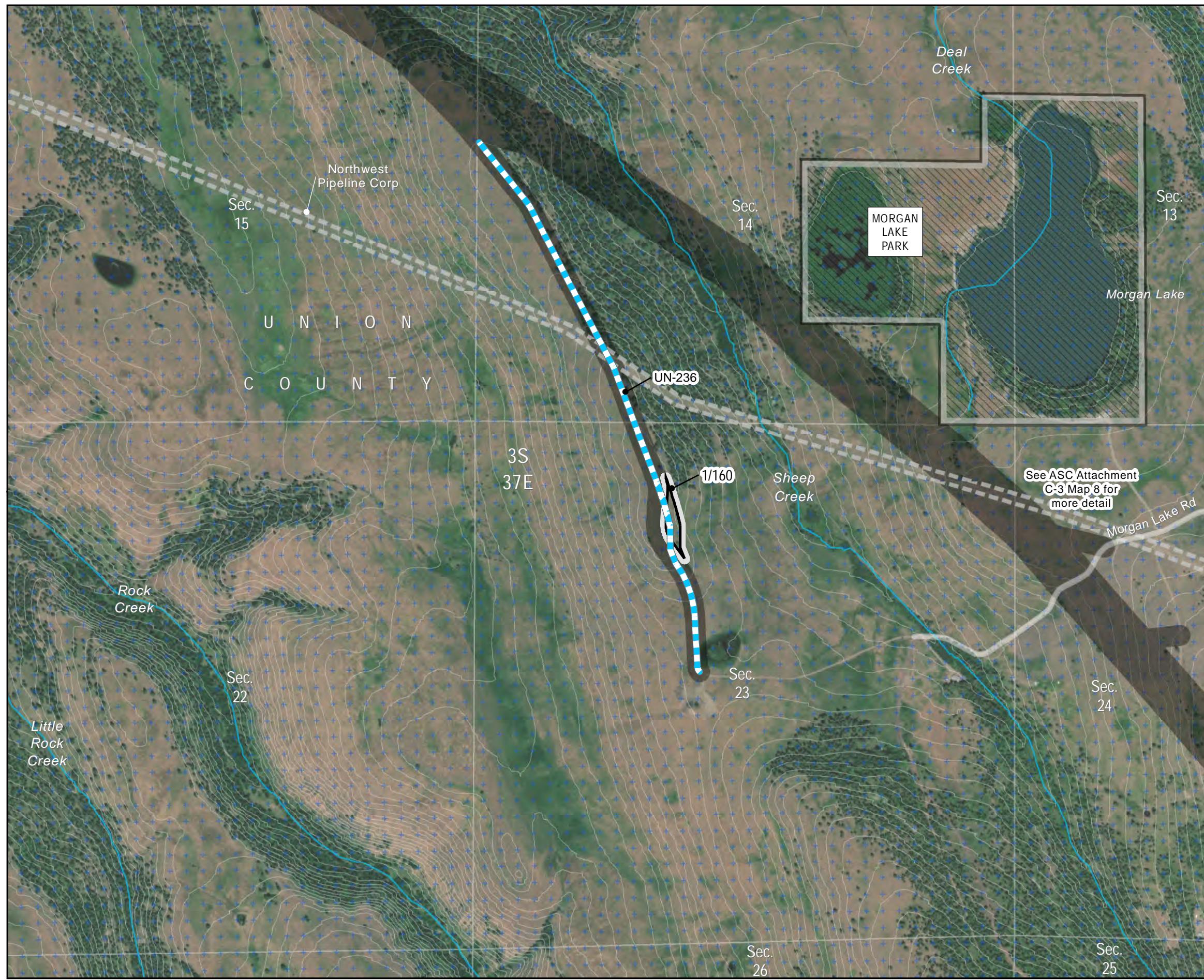


Figure 4-2  
RFA1 Site Boundary Changes

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.

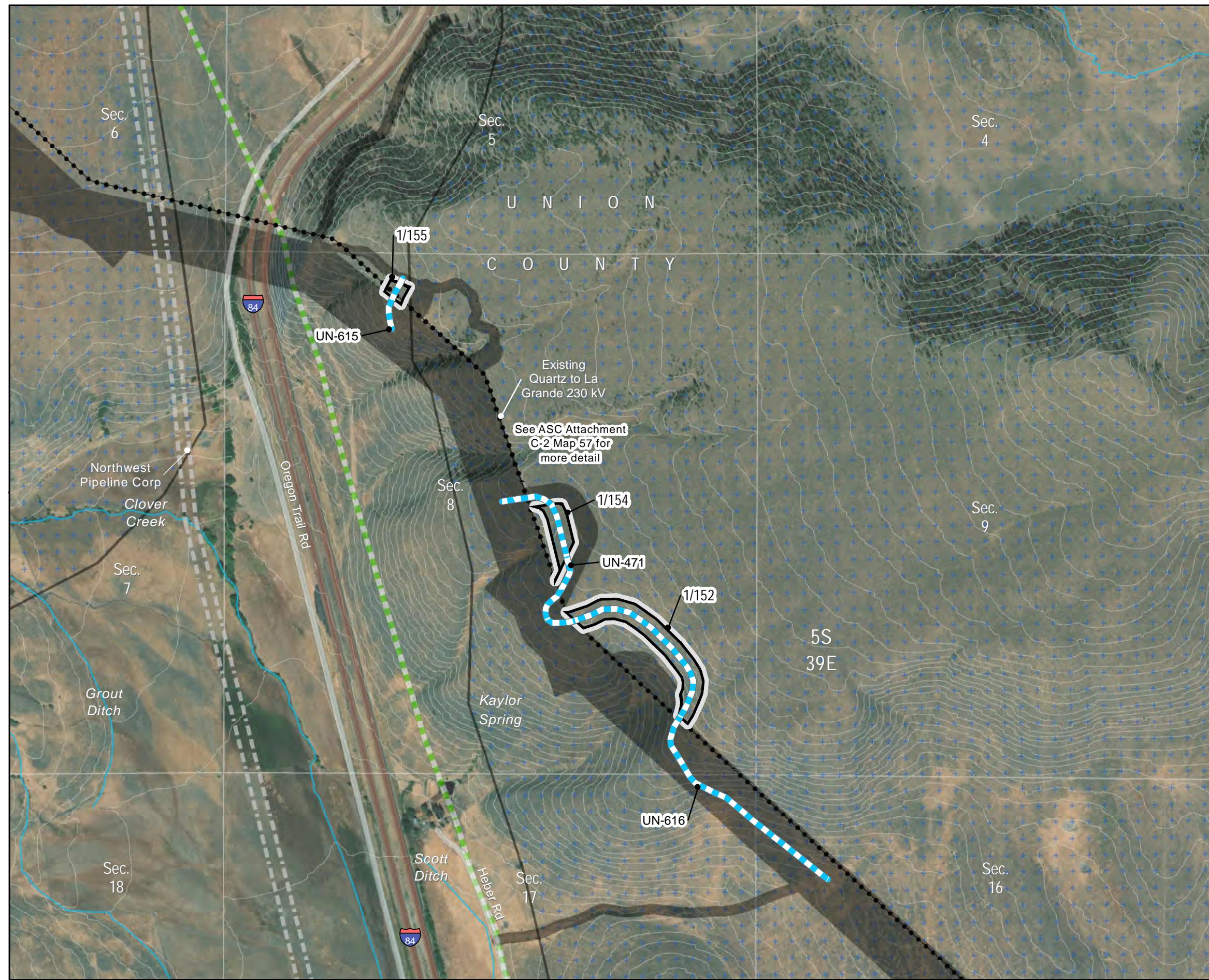
Data Source(s):  
BLM, Esri, NPS, ODOT, USGS, Velocity

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



1,000

Feet





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



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



1,000

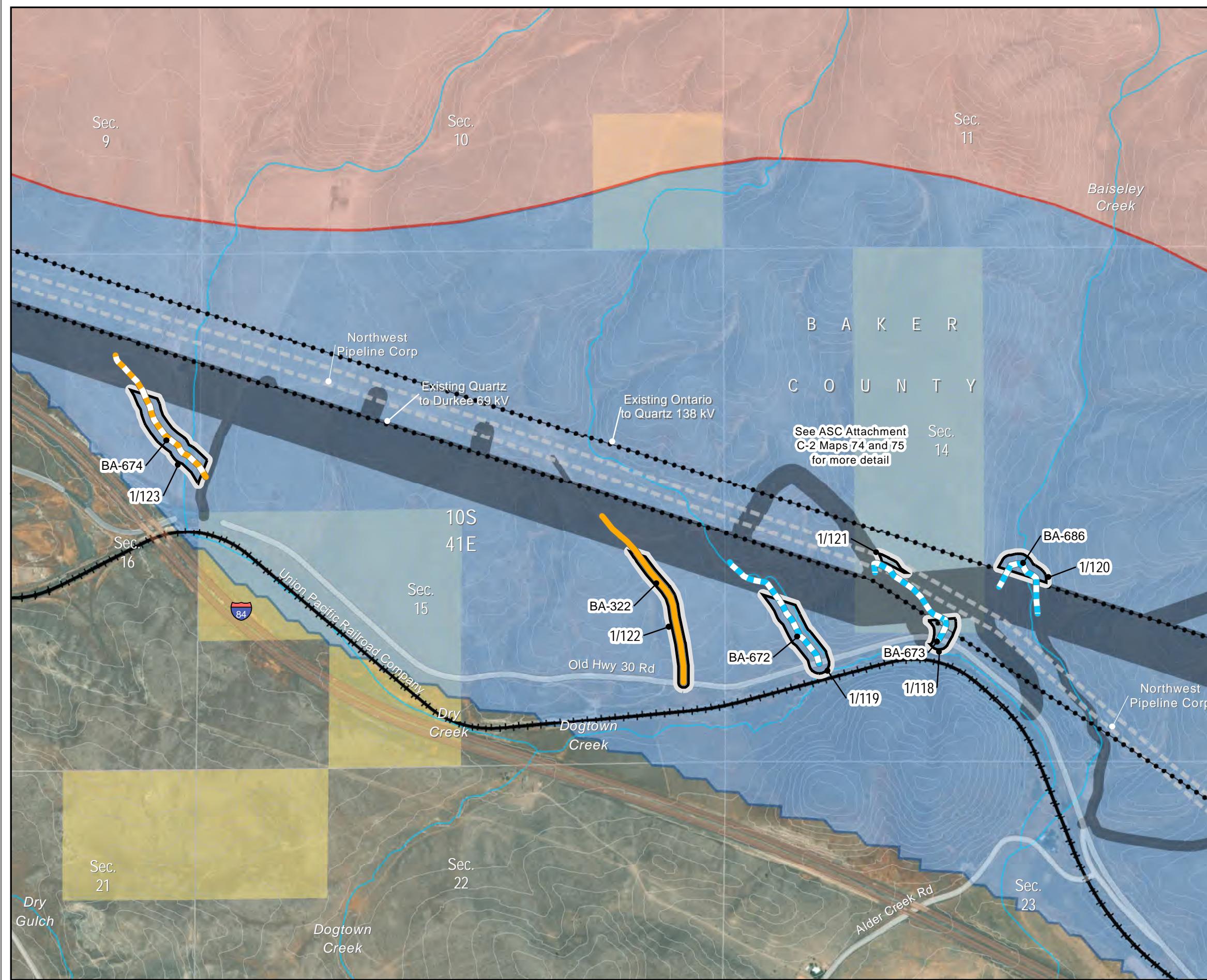
Feet

Boardman to Hemingway  
Transmission Project  
Request for Amendment 1

Figure 4-2  
RFA1 Site Boundary Changes

Access Roads  
Baker County

Map 19



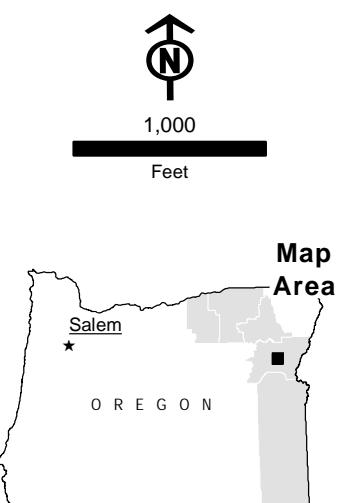
|                                                              |                           |
|--------------------------------------------------------------|---------------------------|
| Project Features                                             | Low Density               |
| Land Status                                                  | Bureau of Land Management |
| Access                                                       | Private                   |
| 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                                                    |                           |

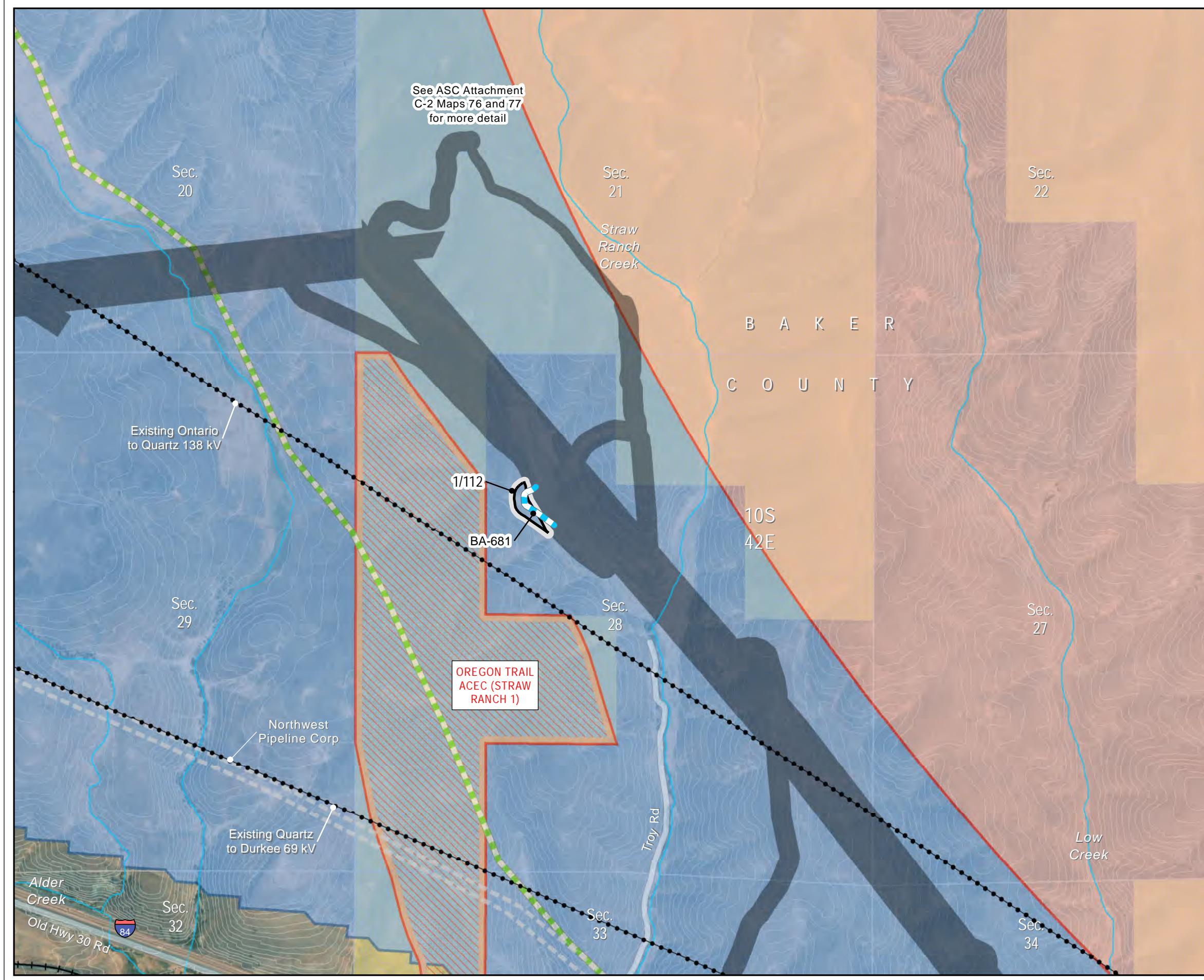
Notes:  
Not intended for construction or any uses other than intended purpose.

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 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:

Project features current as of March 8, 2023

Data Source(s):

### Imagery:

A black icon consisting of a circle with a vertical line through it, pointing upwards, representing the North direction.

## Map

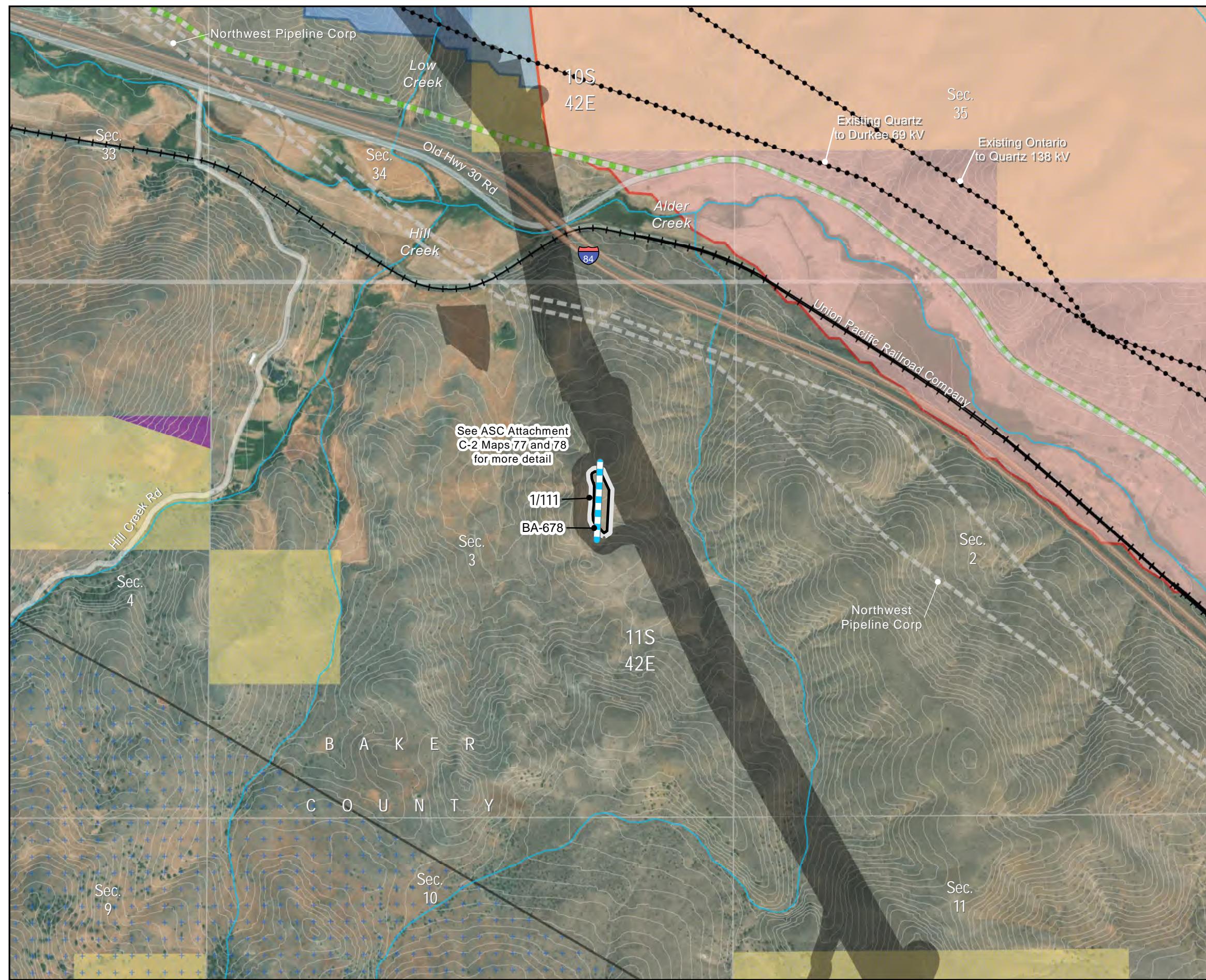


Boardman to Hemingway  
Transmission Project  
Request for Amendment 1

Figure 4-2  
RFA1 Site Boundary Changes

Access Roads  
Baker County

Map 21



| Project Features                                | Land Status                 |
|-------------------------------------------------|-----------------------------|
| New RFA1 Site Boundary                          | Bureau of Land Management   |
| Site Boundary Approved in Site Certificate      | Private                     |
| Access                                          | Designated Utility Corridor |
| 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                                     |                             |

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

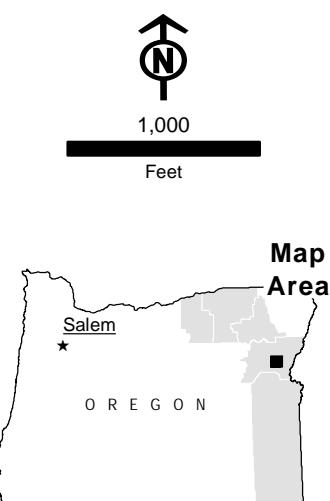


Figure 4-2  
RFA1 Site Boundary Changes

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.

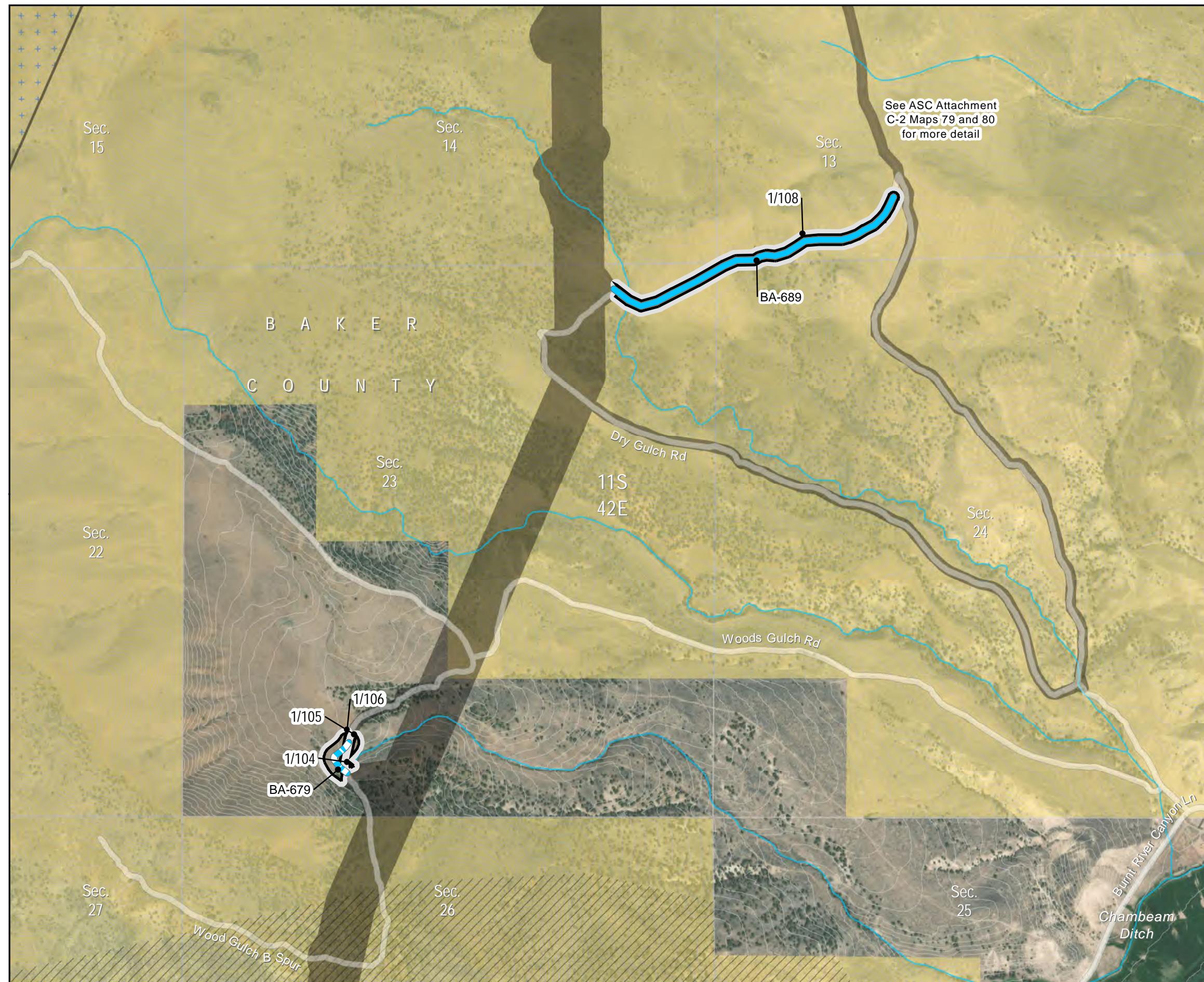
Data Source(s):  
BLM, Esri, NPS, ODOT, USGS, Velocity

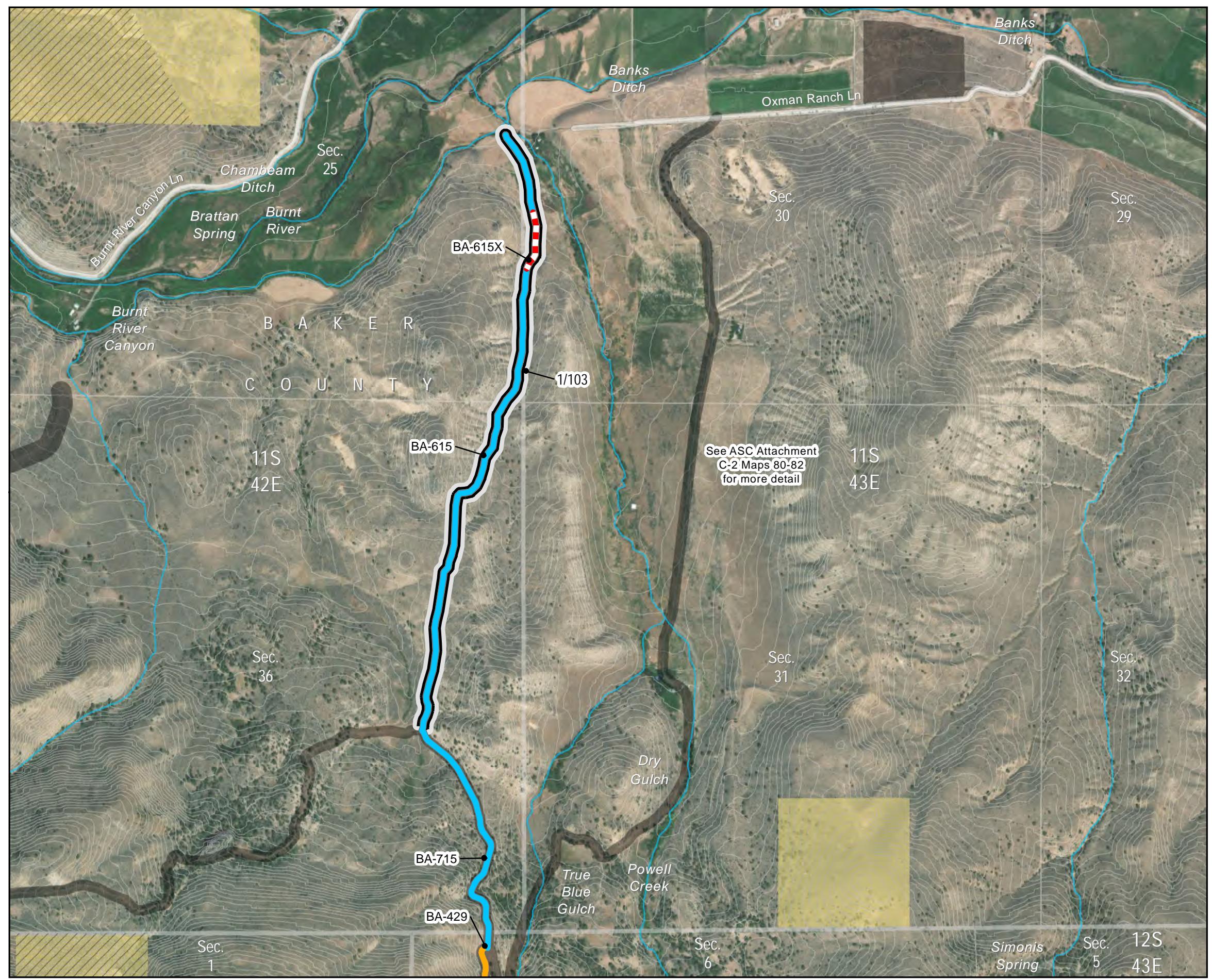
Imagery:  
Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community



1,000

Feet





Boardman to Hemingway  
Transmission Project  
Request for Amendment 1

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 Ro

-  VRM Class 2
- Land Status**
-  Bureau of Land Management
-  Private

Notes:

Data Source(s):

Imagery:  
Source: Esri, Maxar, Earthstar Geographics,

↑  
N  
1,000

## Map

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.

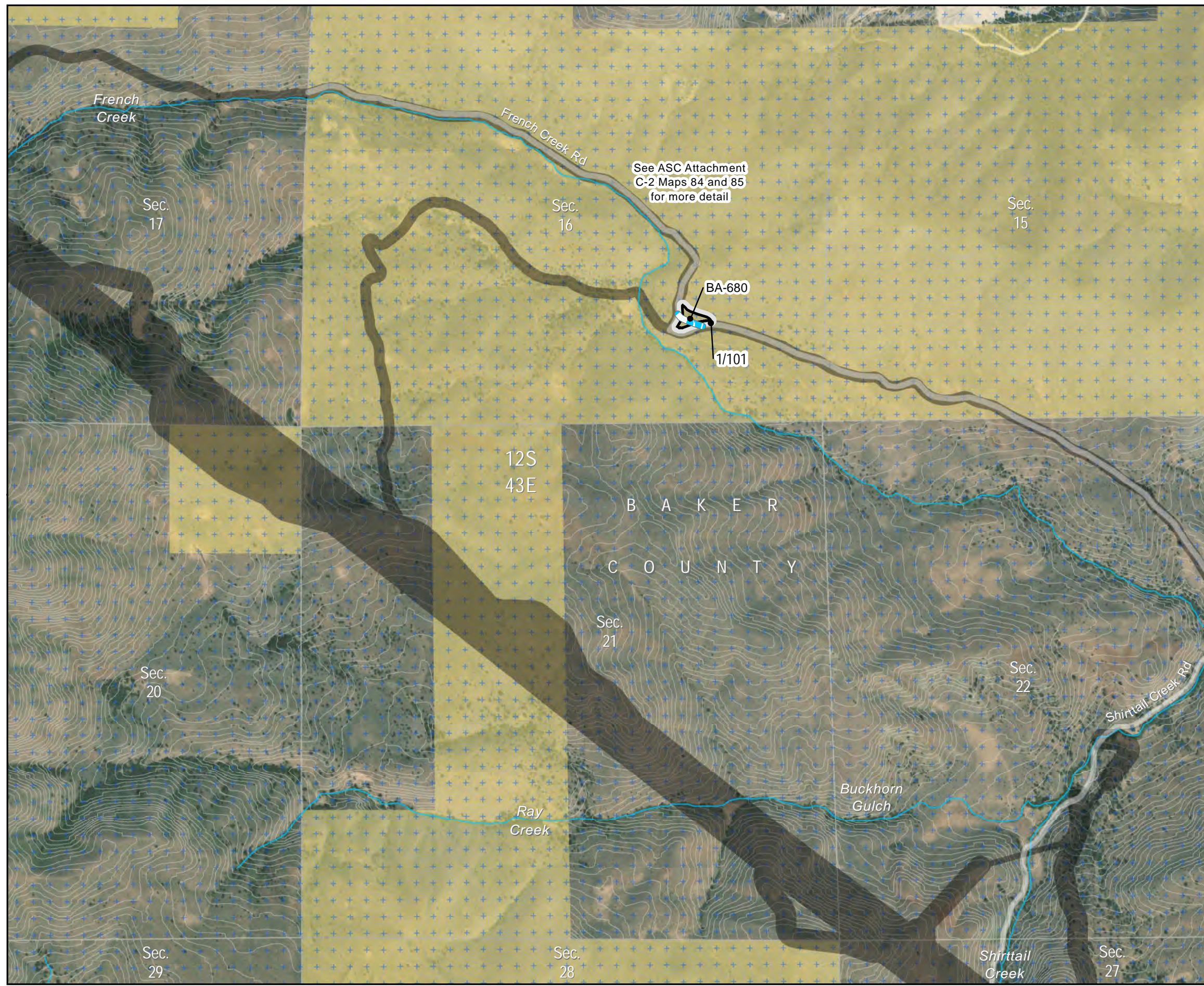
Data Source(s):  
BLM, Esri, NPS, ODOT, USGS, Velocity

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



1,000

Feet

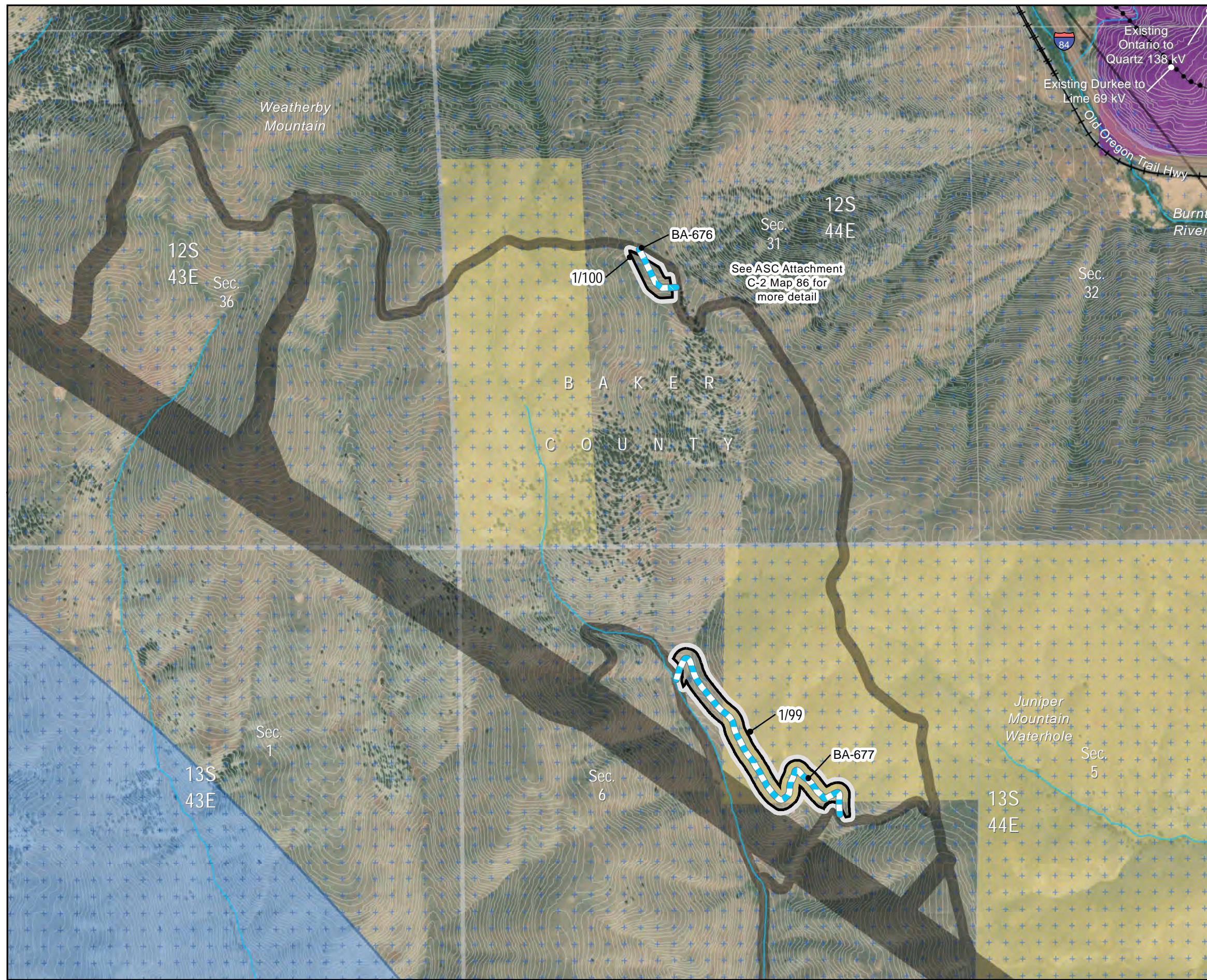


Boardman to Hemingway  
Transmission Project  
Request for Amendment 1

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**

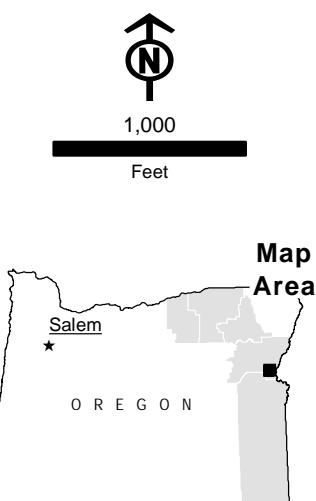
- Bureau of Land Management
- Private

**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  
Request for Amendment 1

Figure 4-2  
RFA1 Site Boundary Changes

Access Roads  
Baker County

Map 26

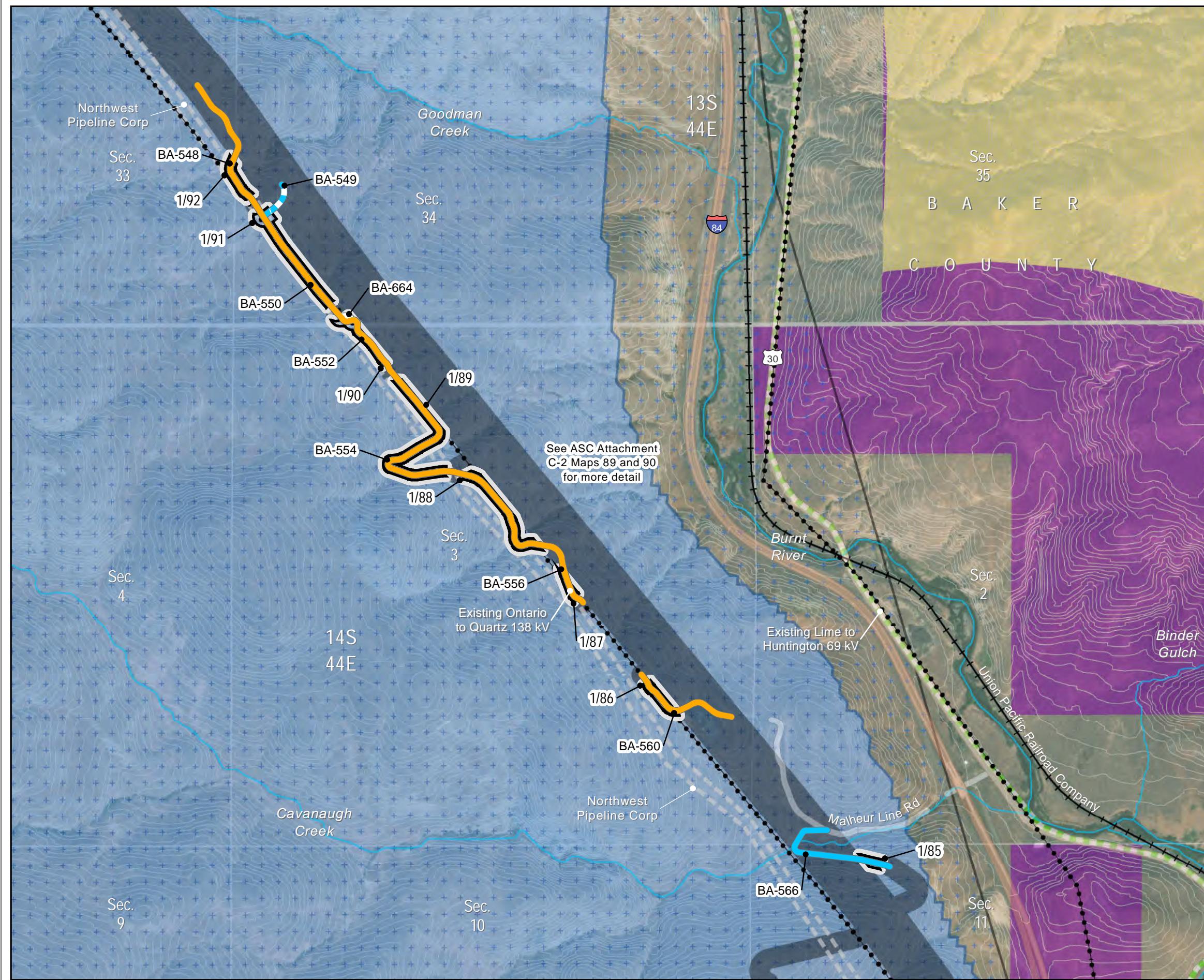
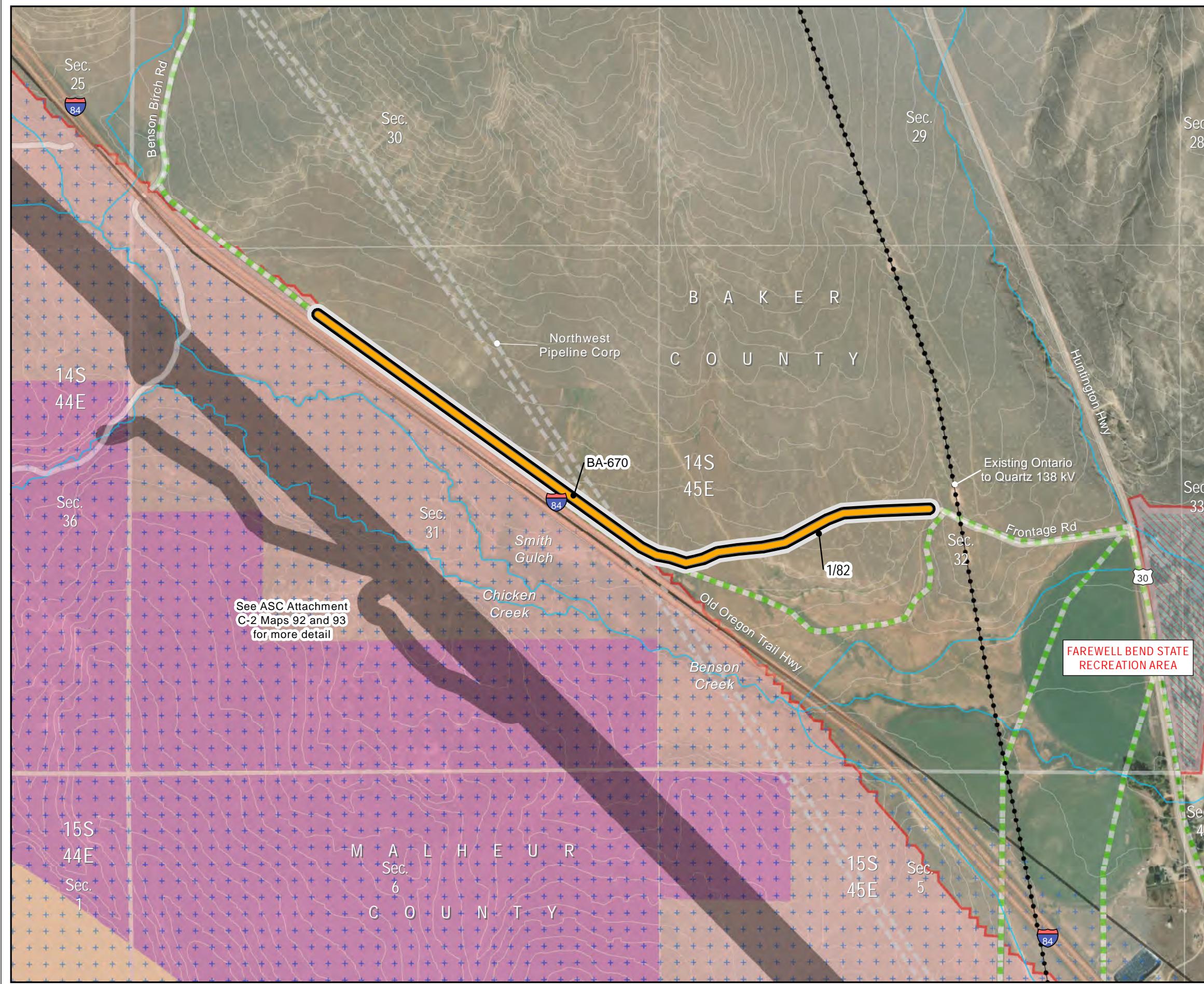


Figure 4-2  
RFA1 Site Boundary Changes

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**

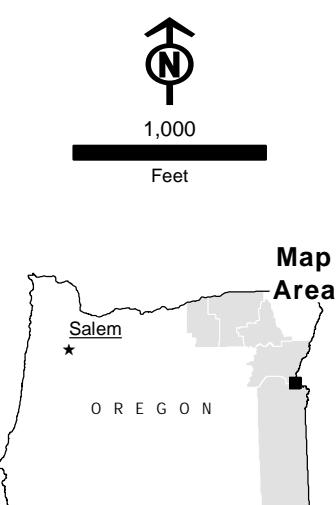
- Bureau of Land Management
- Private
- State or Local Parks and Recreation or Wildlife
- Designated Utility Corridor

**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

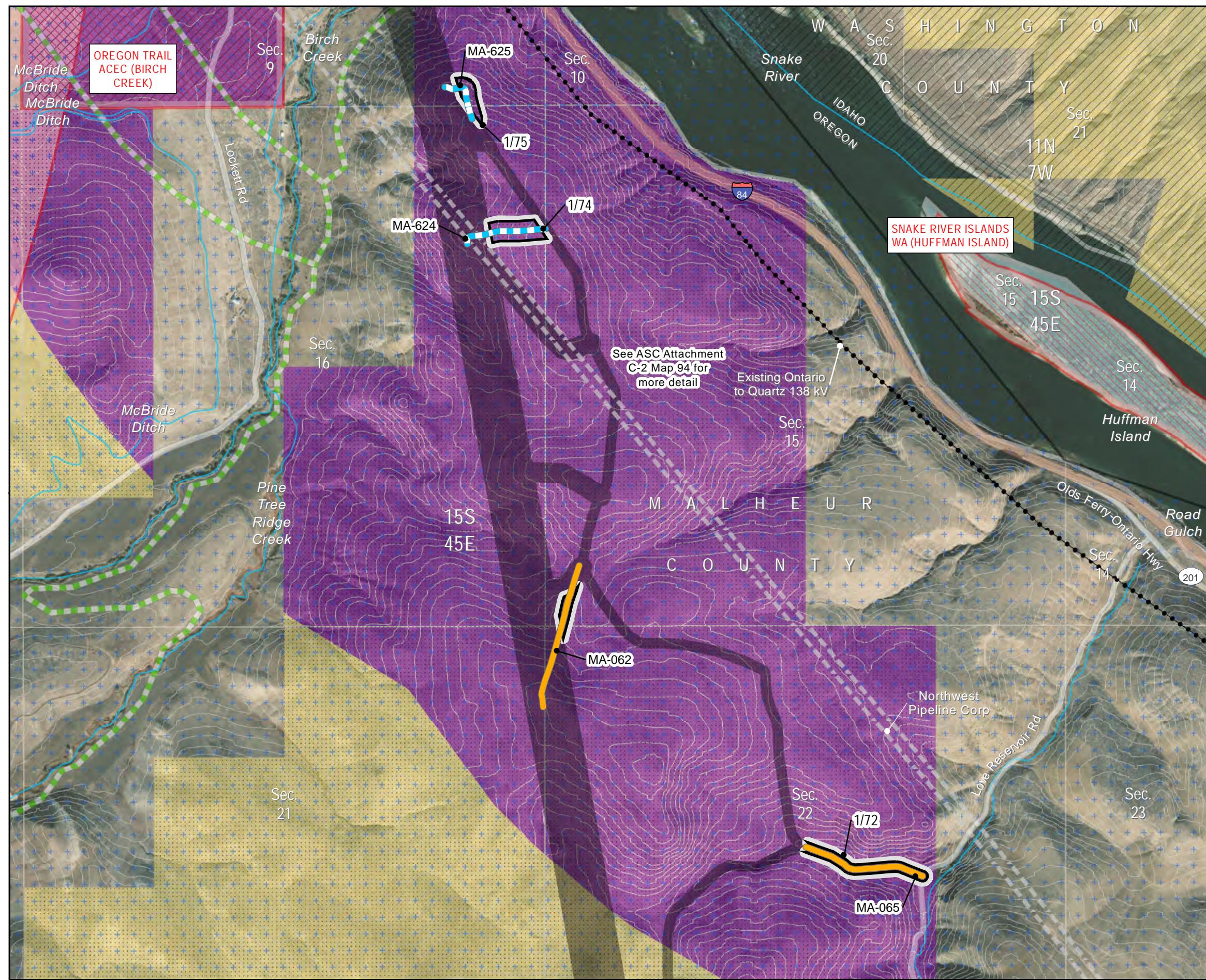


Boardman to Hemingway  
Transmission Project  
Request for Amendment 1

Figure 4-2  
RFA1 Site Boundary Changes

Access Roads  
Malheur County

Map 28



|                                                                |                                                              |
|----------------------------------------------------------------|--------------------------------------------------------------|
| Project Features                                               | VRM Class 3                                                  |
| ■ New RFA1 Site Boundary                                       | Sage-grouse Core Areas and Habitat (ODFW)                    |
| ■ Site Boundary Approved in Site Certificate                   | Core Area                                                    |
| Access                                                         |                                                              |
| ■ Existing Road, Substantial Modification, 21-70% Improvements | Existing Road, Substantial Modification, 21-70% Improvements |
| ■ New Road, Bladed                                             | New Road, Bladed                                             |
| Important Siting Constraints and Other Features                |                                                              |
| ~ 20-ft Contours                                               | 20-ft Contours                                               |
| ● Existing Transmission Line                                   | Existing Transmission Line                                   |
| ■ Pipeline                                                     | Pipeline                                                     |
| ~ Stream                                                       | Stream                                                       |
| ■ Oregon National Historic Trail (NHT)                         | Oregon National Historic Trail (NHT)                         |
| ■ Interstate                                                   | Interstate                                                   |
| ■ Highways                                                     | Highways                                                     |
| ■ Public Roads                                                 | Public Roads                                                 |
| ■ Protected Area (EFSC)                                        | Protected Area (EFSC)                                        |
| ■ Elk Winter Range                                             | Elk Winter Range                                             |
| ■ VRM Class 2                                                  | VRM Class 2                                                  |

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

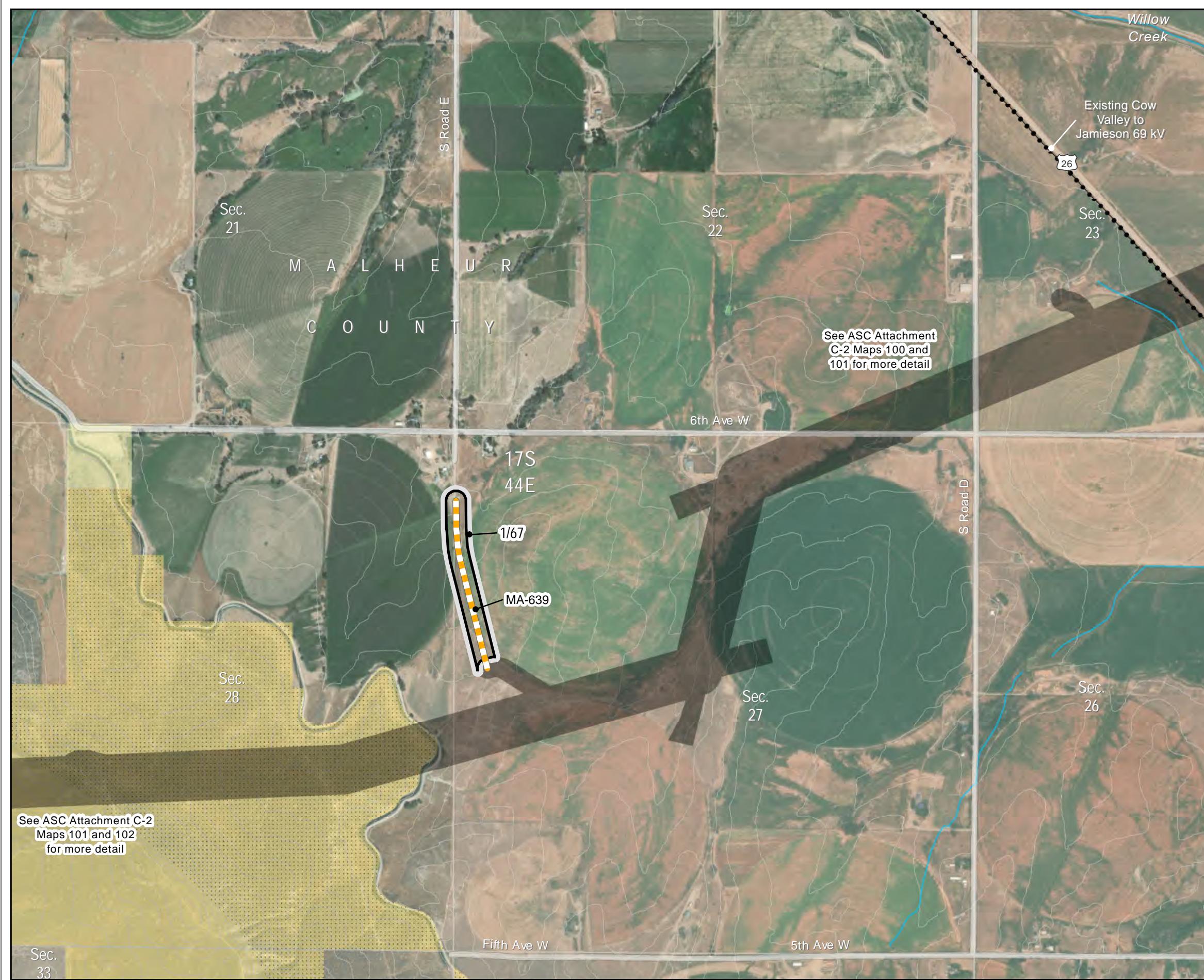
Project features current as of March 9, 2023.

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

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





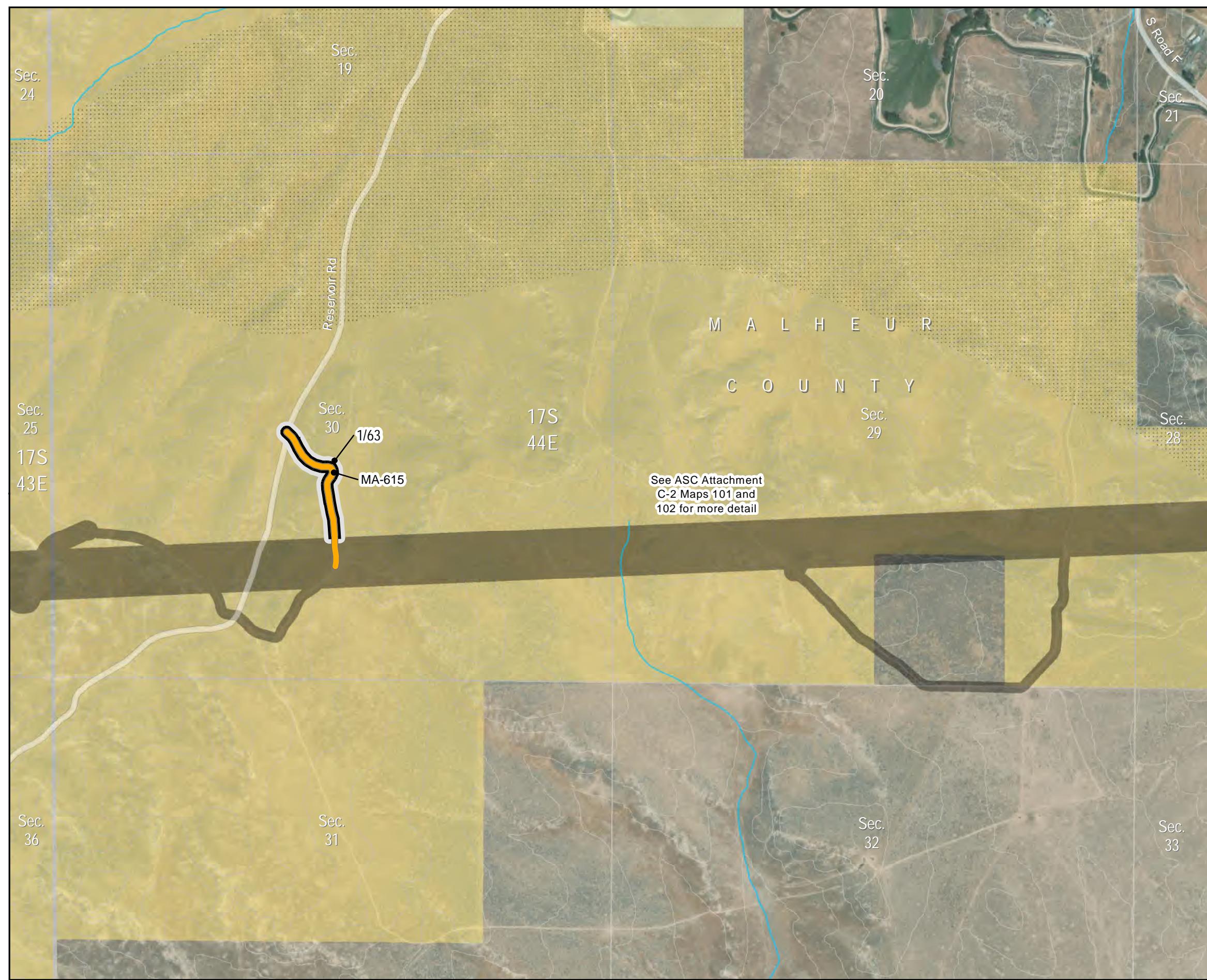


Boardman to Hemingway  
Transmission Project  
Request for Amendment 1

Figure 4-2  
RFA1 Site Boundary Changes

Access Roads  
Malheur County

Map 30



Boardman to Hemingway  
Transmission Project  
Request for Amendment 1

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

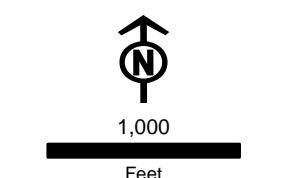


Figure 4-2  
RFA1 Site Boundary Changes

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



1,000

Feet

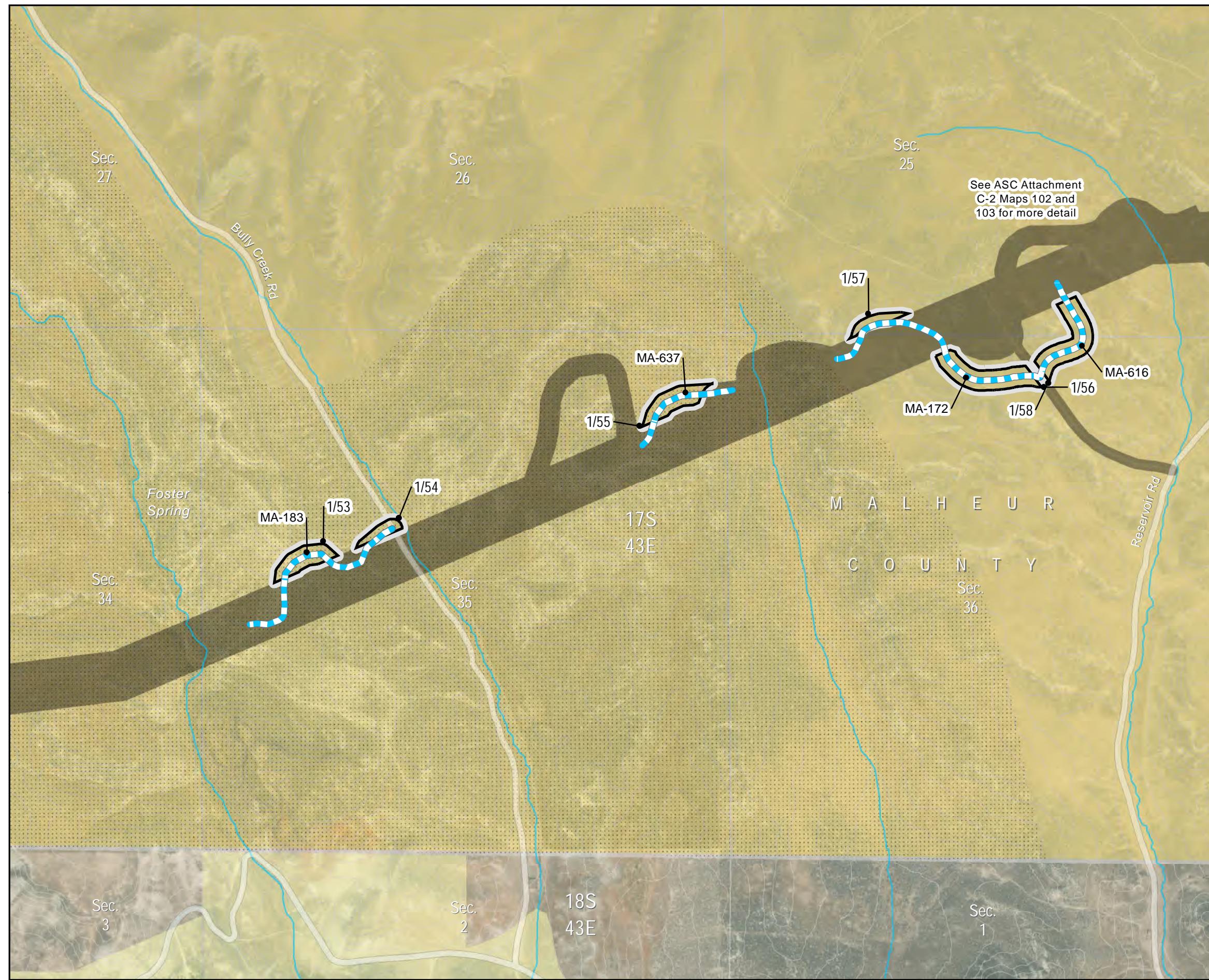


Figure 4-2  
RFA1 Site Boundary Changes

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.

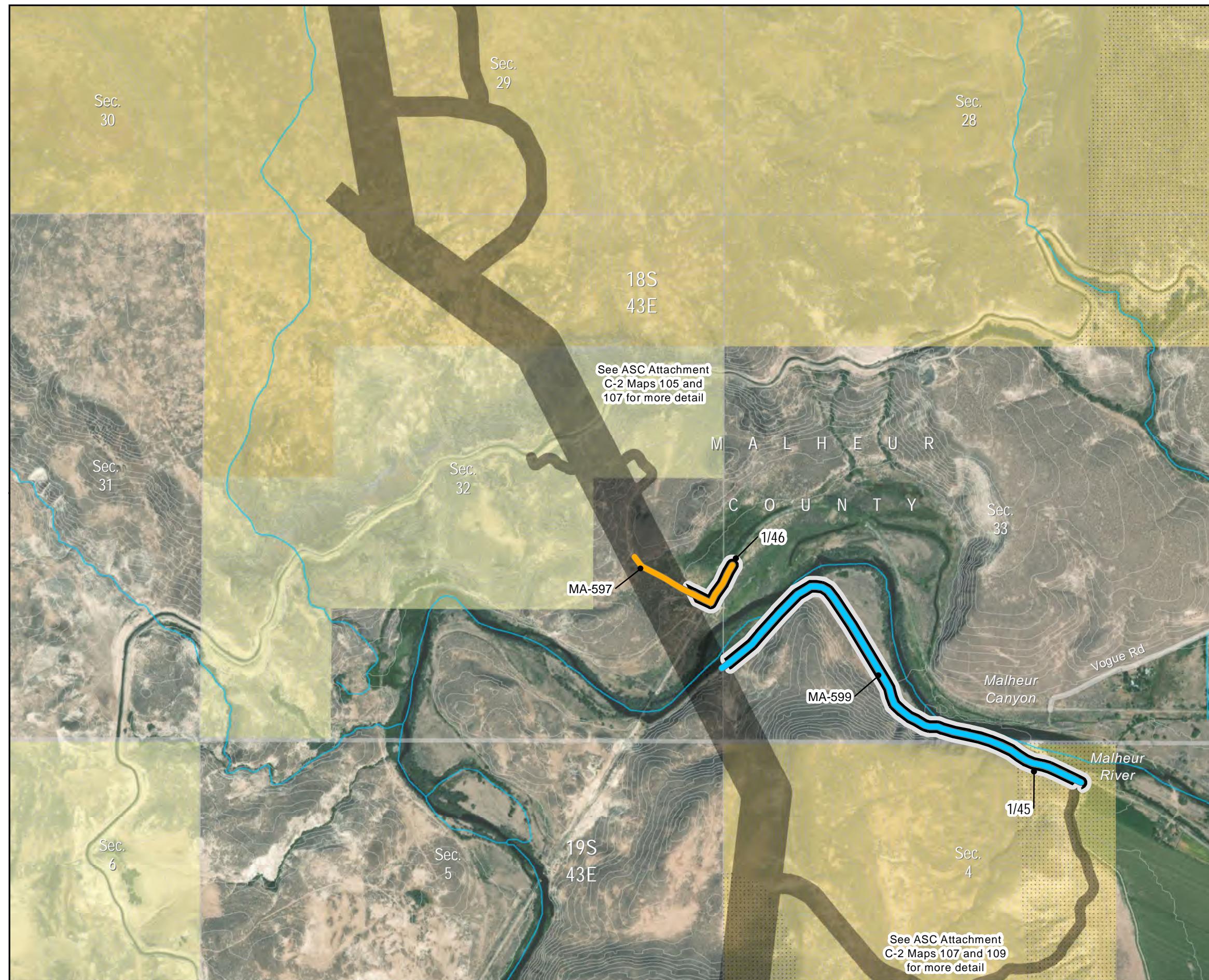
Data Source(s):  
BLM, Esri, NPS, ODOT, USGS, Velocity

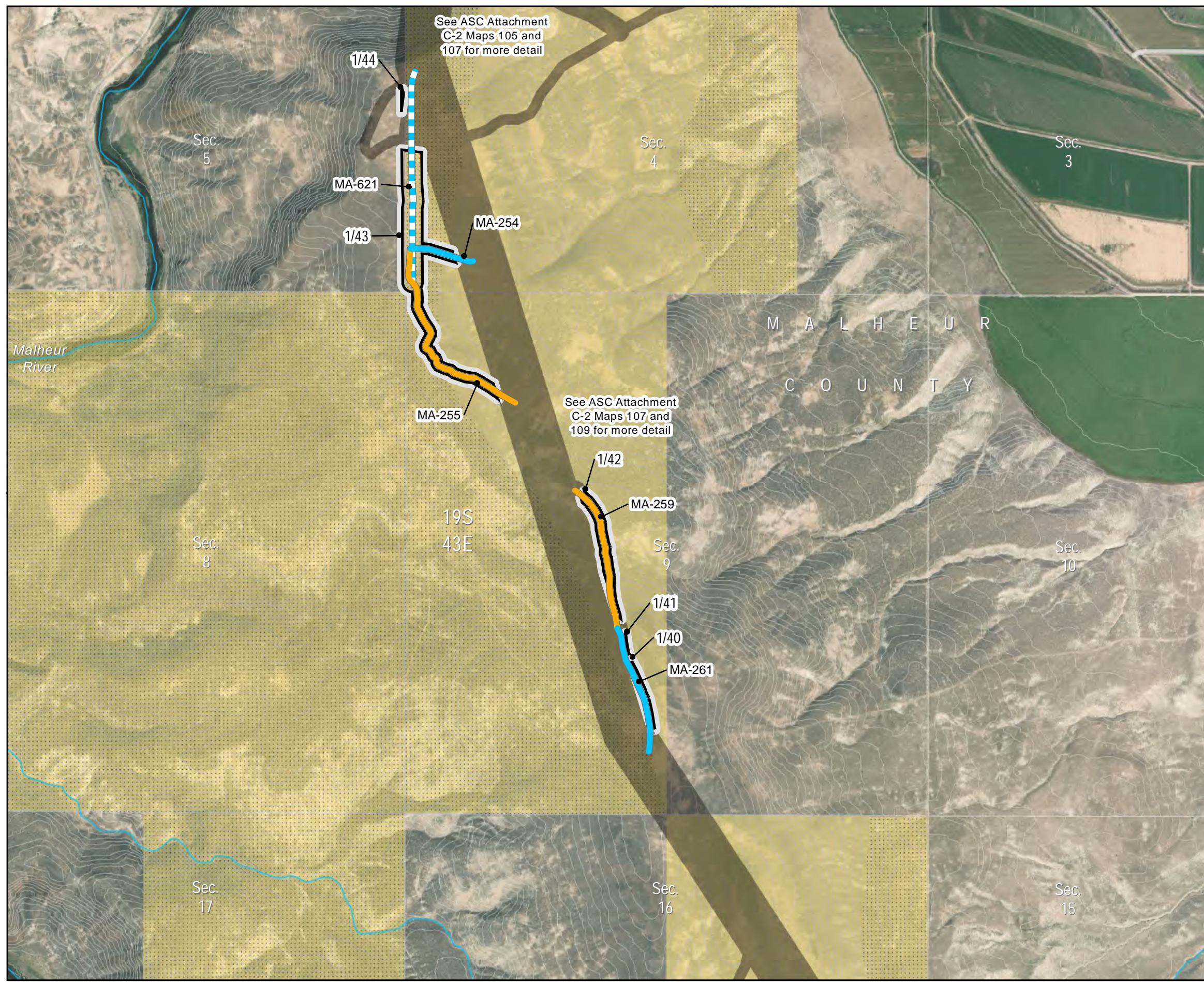
Imagery:  
Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community



1,000

Feet



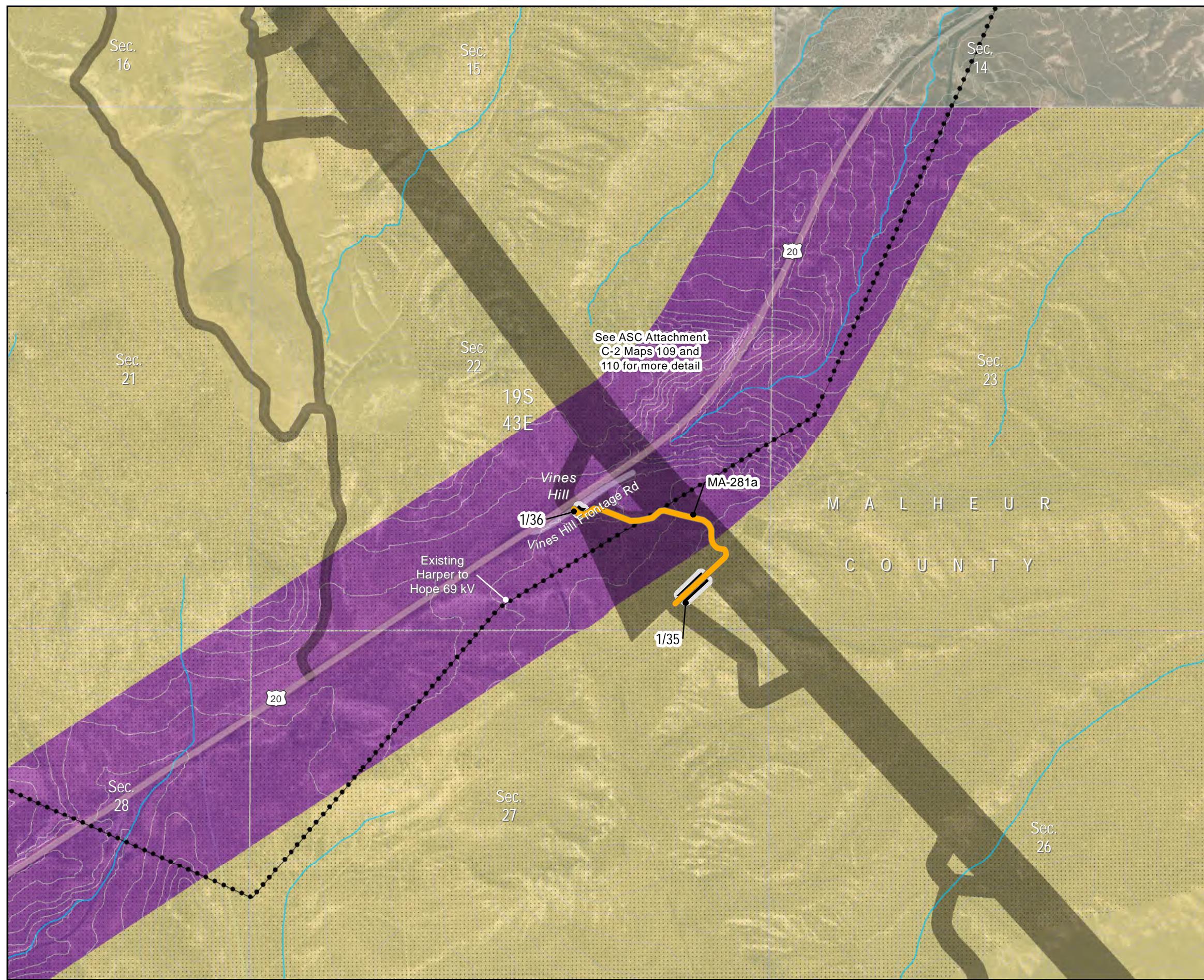


Boardman to Hemingway  
Transmission Project  
Request for Amendment 1

Figure 4-2  
RFA1 Site Boundary Changes

Access Roads  
Malheur County

Map 34



Boardman to Hemingway  
Transmission Project  
Request for Amendment 1

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

**IDaho**  
**POWER**  
An IDACORP Company

Boardman to Hemingway  
Transmission Project  
Request for Amendment 1

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



1,000

Feet

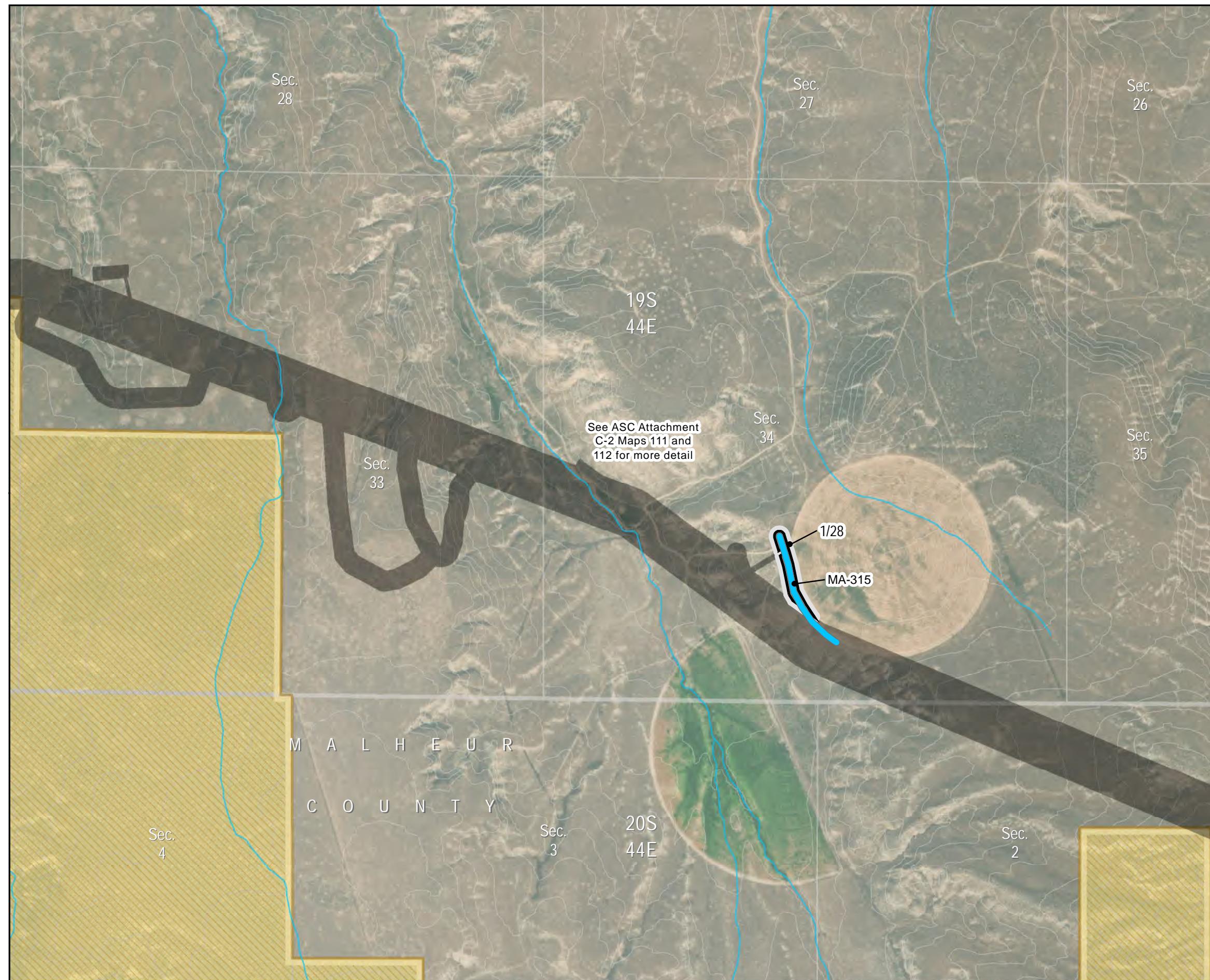


Figure 4-2  
RFA1 Site Boundary Changes

Access Roads  
Malheur County

Map 37

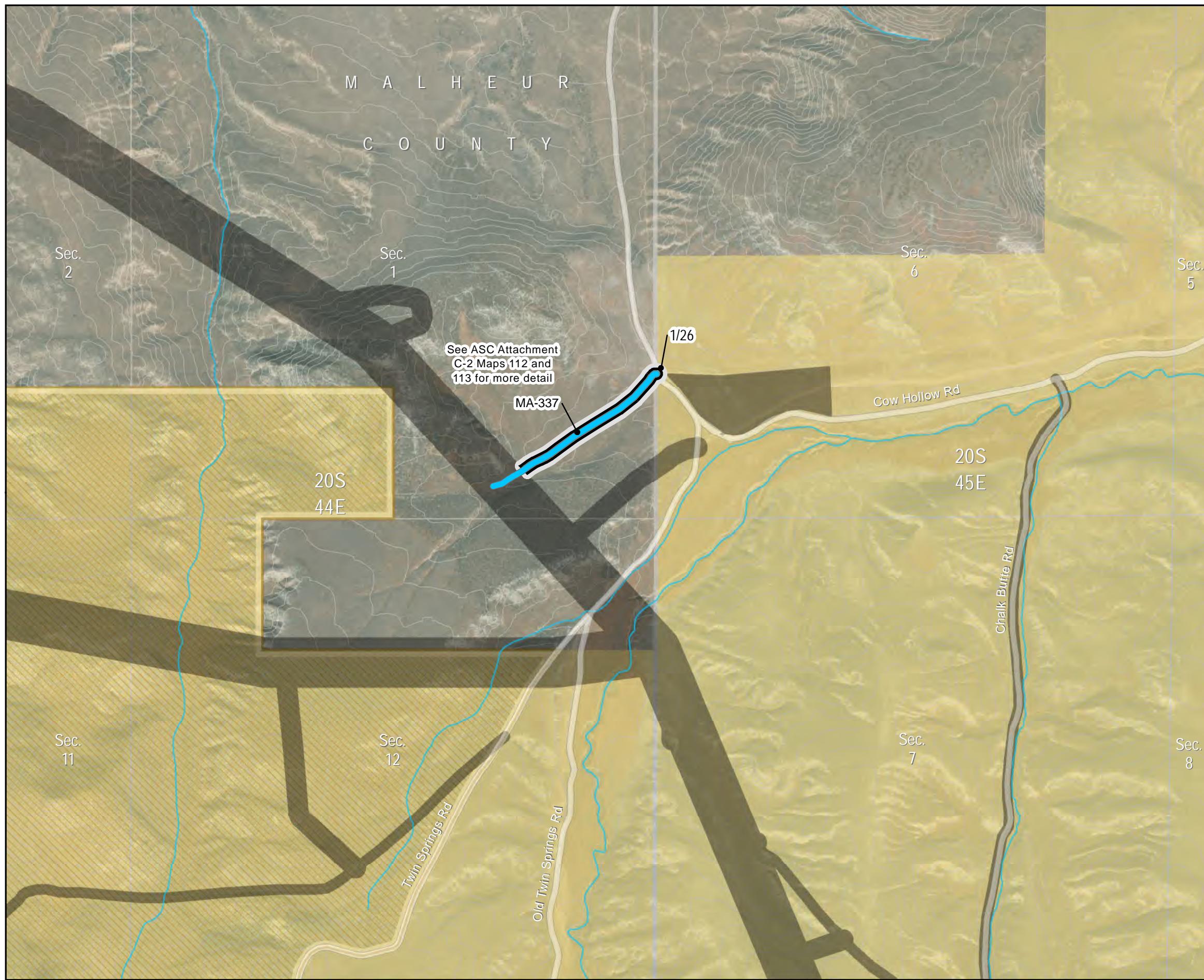


Figure 4-2  
RFA1 Site Boundary Changes

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.

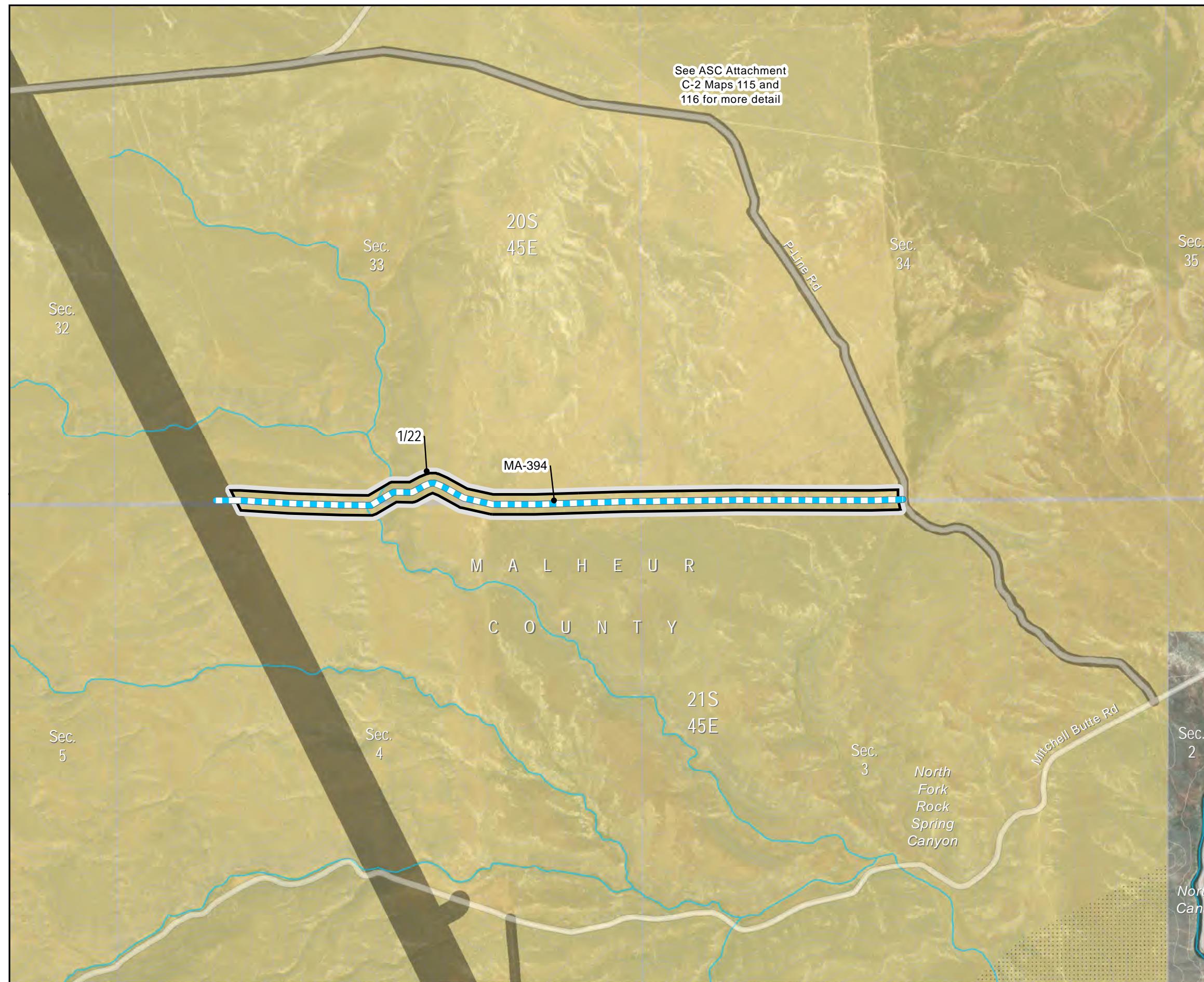
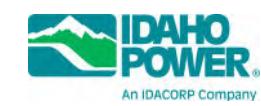
Project features current as of March 9, 2023.

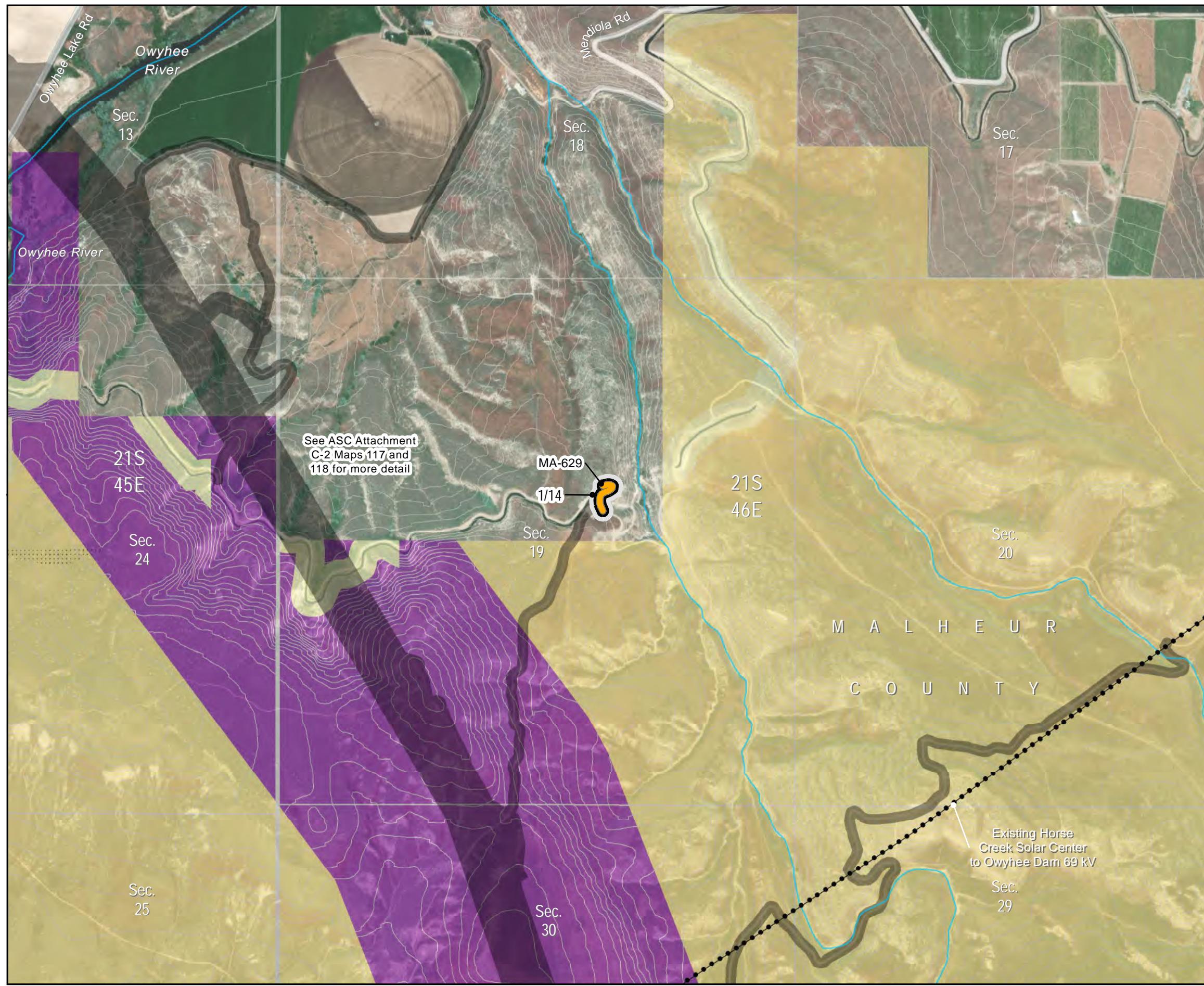
Data Source(s):  
BLM, Esri, NPS, ODOT, USGS, Velocity

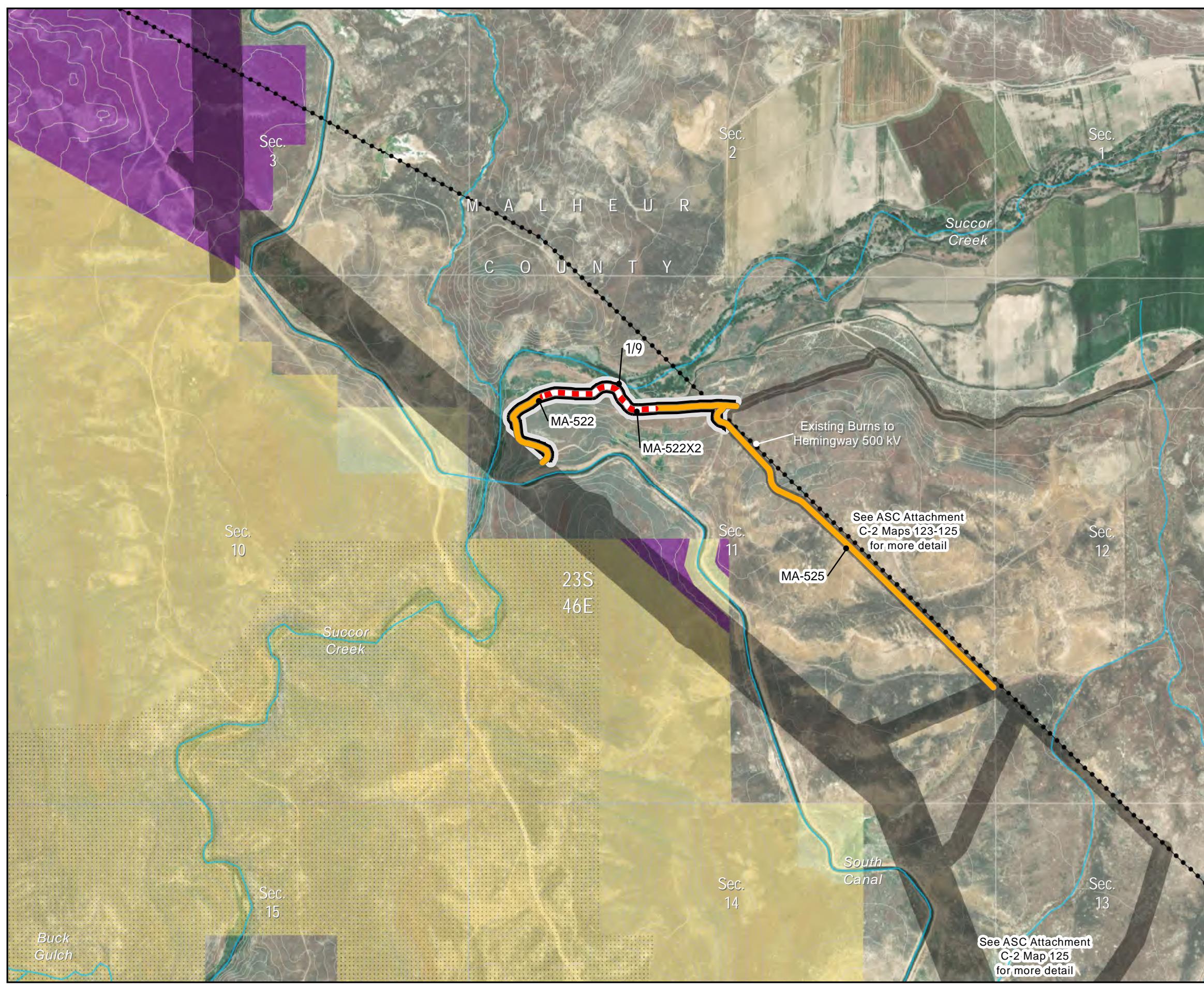
Imagery:  
Source: Esri, Maxar, Earthstar Geographics,  
and the GIS User Community



1,000  
Feet





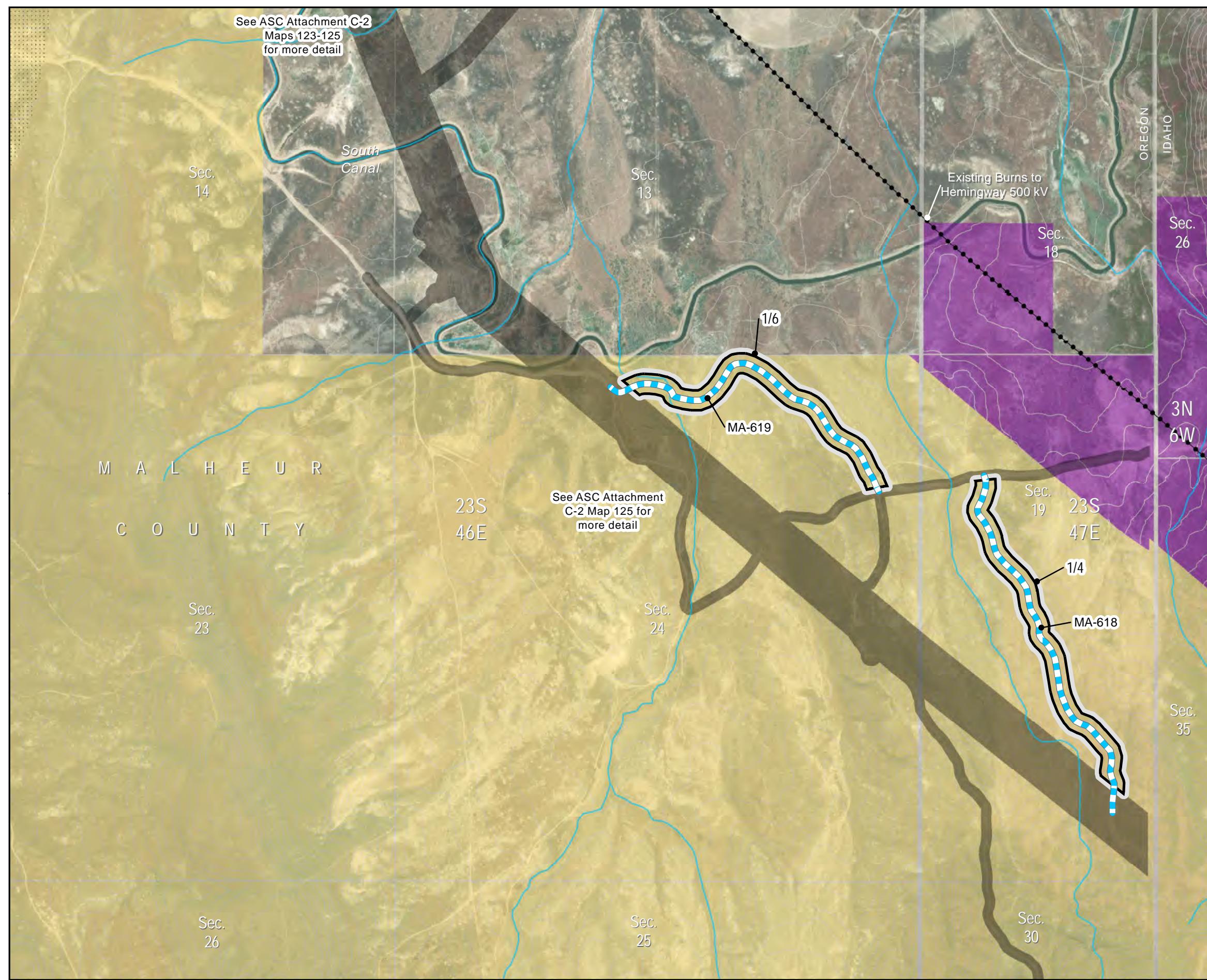


Boardman to Hemingway  
Transmission Project  
Request for Amendment 1

Figure 4-2  
RFA1 Site Boundary Changes

Access Roads  
Malheur County

Map 40



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 B

## Site Certificate Access

 New Road, Bla

## Important Siting Constraints and Other Features

~ 20-ft Cont

- Existing Transmission Line
- ~~~~~ Stream

 VRM Clas

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

Notes:

Project 16.1: [www.6math.com](http://www.6math.com)

Data Source(s):

### Imagery:

## Map

