ATTACHMENT B-6
2017 SUPPLEMENTAL SITING STUDY

Boardman to Hemingway Transmission Line Project 2017 Supplemental Siting Study

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Acronyms and Abbreviations

BLM	Bureau of Land Management
BPA	Bonneville Power Administration
EFSC	Energy Facility Siting Council
HMA	Habitat Management Area
IPC	Idaho Power Company
kV	kilovolt
NEPA	National Environmental Policy Act
NWSTF	Naval Weapons System Training Facility
pASC	preliminary Application for Site Certificate
Project	Boardman to Hemingway Transmission Line Project
RNA–B	Research Natural Area–B
ROW	right-of-way
USFS	United States Forest Service
WBRR	West of Bombing Range Road

1 INTRODUCTION

This 2017 Supplemental Siting Study addresses changes to the proposed and alternative routes for the Boardman to Hemingway Transmission Line Project (Project) that have been developed since June 2016, when Idaho Power Company (IPC) submitted its Draft Amended preliminary Application for Site Certificate (Draft Amended pASC), which contained the 2015 supplemental siting study. Since the 2015 Supplemental Siting Study and filing of the Draft Amended pASC, the Project has undergone many route adjustments. The changes include the addition of alternatives and changes to the Proposed Route including major line and road location adjustments as well as minor adjustments to avoid sensitive resources, reduce redundancy of Project features, and improve the preliminary engineering design. Section 2 explains why IPC modified the Project following the submittal of its 2016 Draft Amended pASC, and Section 3 describes the specific route modifications. Exhibit C contains a detailed description and map sets documenting the location of the proposed and alternative routes that will be included in the Amended pASC.

2 REASONS FOR FURTHER SITING STUDY

After filing the Draft Amended pASC for the Project in 2016, IPC performed additional analysis and revision to the Project. The primary factors driving the need for modifying the Project were:

- The Bureau of Land Management's (BLM) identification of an agency-preferred alternative that included several alternatives not analyzed in the Draft Amended pASC;
- Further coordination with the Department of Defense and project stakeholders in the Boardman, Oregon area;
- Further coordination with land owners; and
- Route refinements by IPC due to continued engineering to avoid sensitive resources and improve design.

2.1 BLM's Agency Preferred Alternative

In March of 2016, the BLM requested additional input from stakeholders on the alternatives being considered in the National Environmental Policy Act (NEPA) process. The BLM took the information provided by the stakeholders and developed a revised Agency Preferred Alternative. The revised BLM Agency Preferred Alternative resulted in 147.4 miles of route modifications to the IPC Proposed Route as presented in the Draft Amended pASC. The majority of the route modifications occurred in Morrow, Umatilla, Union, and Baker counties (Table 2.1-1).

Table 2.1-1. Miles of Route Modifications as a Result of the BLM Agency Preferred Alternative

County	Alternatives	Miles of Route Modifications
Morrow	Sand Hollow/Whittaker Flats	31.4
Umatilla	Sand Hollow/Whittaker Flats	30.5
Union	Mill Creek and Magpie Peak Collocation with Existing 230-kilovolt transmission lines	32.3
Baker	Magpie Peak, Flagstaff Gulch, Lone Pine Mountain, West Durkee, and Table Mountain	47.2
Malheur	Owyhee River Crossing	6.0
	Total	**147.4**

The BLM identified the Agency Preferred Alternative that it believed will fulfill the statutory mission and responsibilities of the relevant agencies, including giving consideration to economic, environmental, and other factors, including:

- Cultural resources, including historic trails, visual impacts on historic properties, and prehistoric archaeological sites;
- Fish presence and stream crossings;
- Native vegetation and forest and riparian habitats;
- Overall visibility from key observations points, and BLM and United States Forest Service (USFS) visual management objectives and criteria; and
- Greater sage-grouse, big-game winter range, raptors, special status species, and sensitive species.
- Certain sensitive areas including Areas of Critical Environmental Concern, lands with wilderness characteristics, and wild and scenic suitable rivers;
- Agriculture;
- Use of corridors including the West-wide Energy Corridor, BLM Vale District utility corridor, and USFS utility corridor; proximity to existing roads including Interstate 84; and adjacency to existing transmission lines;
- Socioeconomics; and
- Technical and other considerations (military operations, constructability, and Resource Management Plan and USFS plan conformance).

2.2 IPC Route Modifications

IPC made minor changes to the sections of the Proposed Route submitted in the Draft Amended pASC that were not eliminated by the new BLM Agency Preferred Alternative. These included minor line and road location adjustments as well as adjustments to avoid sensitive resources, reduce redundancy of project features, and improve the preliminary engineering design. In addition, in coordination with permitting partners PacifiCorp and Bonneville Power Administration (BPA) and other stakeholders, IPC also added two alternatives in Morrow County and one alternative in Union County.

3 ROUTE MODIFICATIONS

3.1 Overview

This section describes changes to the Proposed Route and alternatives by county that have been identified since the last Supplemental Siting Study submitted as Exhibit B, Attachment B-4, 2015 Supplemental Siting Study.

The naming convention and map labeling identifies IPC's Energy Facility Siting Council (EFSC) Proposed Route and BLM's Agency Preferred Alternative in red, IPC's EFSC alternative segments in green, routes that were not be analyzed in the Draft Amended pASC in purple, and routes that were not analyzed in the Final Environmental Impact Statement in blue (see Table 3.1-1). Figures in this section show an overview of the route locations and of the route adjustments between 2016 and 2017. Tables in this section compare the constraints between the Proposed Route and alternatives.

Table 3.1-1. Summary of the EFSC and NEPA Status of the Routes and Stations Considered in the Amended pASC

Route Originator	Route Designation	EFSC Status	Status in FEIS
Morrow County			
IPC	Proposed Route (includes West of Bombing Range Road Route and Longhorn Station)	Proposed Route and Longhorn Station.	BLM's Agency Preferred Alternative in the FEIS.
IPC	West of Bombing Range Road Alternatives 1 and 2	IPC Alternative Routes in the Amended pASC.	Not Analyzed in the FEIS
BLM	Sand Hollow/Whittaker Flats Alternative	Not Analyzed in the Draft Amended pASC. Proposed Route in the Amended pASC.	BLM's Agency Preferred Alternative in the FEIS.
Umatilla County			
IPC	Proposed Route	Proposed Route in the Amended pASC.	BLM's Agency Preferred Alternative in the FEIS.
BLM	Sand Hollow/Whittaker Flats Alternative	Not Analyzed in the Draft Amended pASC. Proposed Route in the Amended pASC.	BLM's Agency Preferred Alternative in the FEIS.
Union County			
IPC	Proposed Route	Proposed Route in the Amended pASC.	BLM's Agency Preferred Alternative in the FEIS.
IPC	Morgan Lake	Not Analyzed in the Draft Amended pASC. IPC Alternative Route in the Amended pASC.	Not Analyzed in the FEIS.
BLM	Mill Creek	Not Analyzed in the Draft Amended pASC. Proposed Route in the Amended pASC.	BLM's Agency Preferred Alternative in the FEIS.
BLM	Magpie Peak	Not Analyzed in the Draft Amended pASC. Proposed Route in the Amended pASC.	BLM's Agency Preferred Alternative in the FEIS.
Baker County			
BLM	Magpie Peak, Flagstaff Gulch, Lone Pine Peak	Not Analyzed in the Draft Amended pASC. Proposed Route in the Amended pASC.	BLM's Agency Preferred Alternative in the FEIS.
BLM	Durkee West	Not Analyzed in the Draft Amended pASC. Proposed Route in the Amended pASC.	BLM's Agency Preferred Alternative in the FEIS.
BLM	Table Mountain	Not Analyzed in the Draft Amended pASC. Proposed Route in the Amended pASC.	BLM's Agency Preferred Alternative in the FEIS.

Route Originator	Route Designation	EFSC Status	Status in FEIS
Malheur County			
IPC	Birch Creek North	Not Analyzed in Draft Amended pASC. Proposed Route in the Amended pASC.	Not Analyzed in the FEIS.
IPC	Proposed Route	Proposed Route in the Amended pASC.	BLM's Agency Preferred Alternative in the FEIS.
BLM	Owyhee River Crossing	Not Analyzed in the Draft Amended pASC. Proposed Route in the Amended pASC.	BLM's Agency Preferred Alternative in the FEIS.
IPC	Double Mountain Alternative	IPC Alternative Route in the Amended pASC.	Considered but not Selected by the BLM.
Owyhee County, Idaho			
IPC	Proposed Route and Substation	N/A (outside EFSC jurisdiction).	BLM's Agency Preferred Alternative in the FEIS.

Amended pASC – Amended preliminary Application for Site Certificate
BLM – Bureau of Land Management
EFSC – Energy Facility Siting Council
FEIS – Final Environmental Impact Statement
IPC – Idaho Power Company
N/A – not applicable
NEPA – National Environmental Policy Act
pASC – Preliminary Application for Site Certificate

3.2 Changes by County

3.2.1 Morrow County, Oregon

The Project's northern termination point is Longhorn Station and the Proposed Route includes West of Bombing Range Road and Sand Hollow/Whitaker Flats Routes in Morrow County.

3.2.1.1 West of Bombing Range Road Route

The West of Bombing Range Road (WBRR) Route was included as IPC's Proposed Route in Draft Amended pASC submitted in 2016. IPC has made minor modifications to the route since 2016 in an effort to improve engineering and reduce the Project footprint. IPC has also developed two short alternatives to the WBRR Route that are described below and compared in Table 3.2-1.

The WBRR Route is located along the eastern edge of the Naval Weapons Systems Training Facility (NWSTF) Boardman and the western edge of Bombing Range Road. Heading south and west away from the Longhorn Station, the WBRR Route crosses onto the Bombing Range to the west side of Bombing Range Road at approximately transmission line milepost 3.0, and runs parallel to and on the west side of Bombing Range Road for 11.9 miles. The WBRR Route continues along the NWSTF Boardman for another 1.7 miles before angling to the southeast (Figure 3.2-1).

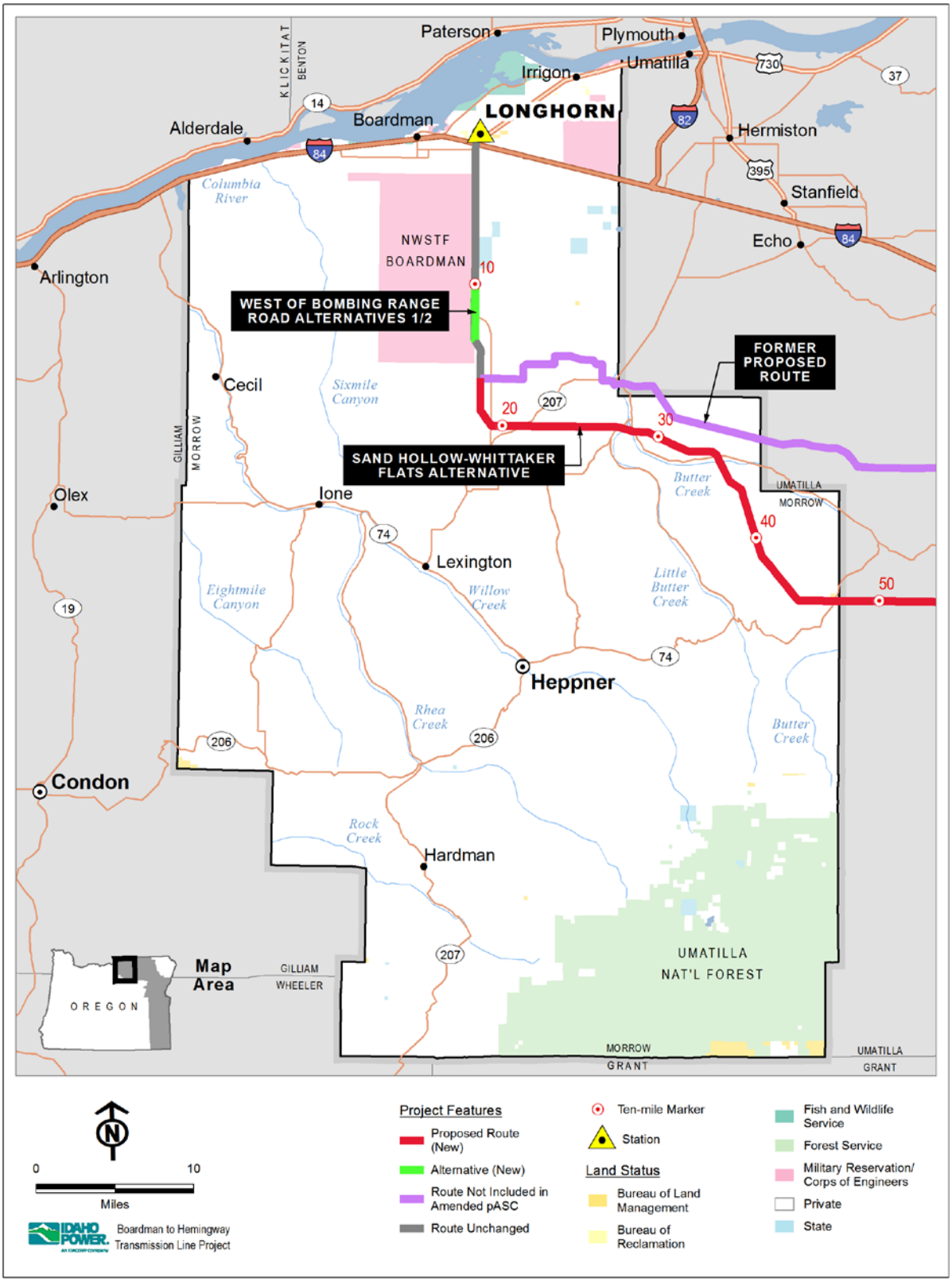


Figure 3.2-1. Changes in Morrow County Between 2016 and 2017

The WBRR Route path from the Longhorn Station is highly constrained with significant agricultural operations, Washington ground squirrel colonies and habitat, and Department of the Navy-managed lands and avigation easement restrictions in the vicinity. The WBRR Route was sited to minimize impacts to agriculture and included micrositing to avoid Washington ground squirrel habitat and other existing infrastructure (a buried water pipeline, two existing transmission lines, and the Bombing Range flight operations). Due to these constraints, the preferred right-of-way (ROW) for the WBRR Route is to be built in the existing BPA 69-kilovolt (kV) transmission line ROW. The existing 69-kV line will be removed, and the Umatilla Electric Cooperative and BPA have agreed in principle to develop a strategy to maintain electric service to the area. The site boundary for the WBRR Route includes land on both the east and west side of Bombing Range Road.

3.2.1.2 IPC Proposed Alternative Routes Morrow County

West of Bombing Range Road Alternative 1

West of Bombing Range Road Alternative 1 is 3.7 miles in length and was developed to avoid Project-related impacts to the NWSTF Boardman Research Natural Area–B (RNA–B) and the Boardman Habitat Management Area (HMA). The Boardman RNA was established in 1978 as part of a federal government system established for research and educational purposes. It is co-managed by the Navy and The Nature Conservancy. The Boardman HMA was established in 2016 as mitigation for training impacts to the Washington ground squirrel. This alternative will result in some impacts to agricultural operations that occur along east side of Bombing Range Road.

West of Bombing Range Road Alternative 2

West of Bombing Range Road Alternative 2 is also 3.7 miles in length but differs from West of Bombing Range Road Alternative 1 in that it makes use of an alternative Y-frame structure type that eliminates direct impacts to the NWSTF Boardman RNA-B. It also avoids Project-related impacts to the NWSTF Boardman HMA. This alternative will also result in some impacts to agricultural operations that occur along east side of Bombing Range Road but will be less than those expected under Bombing Range Road Alternative 1.

Table 3.2-1. Comparison of Constraints between the Proposed Route and West of Bombing Range Road Alternatives 1 and 2 in Morrow County

Resource Group/ Resource Name	Proposed Route	West of Bombing Range Road Alternative 1	West of Bombing Range Road Alternative 2
Length (miles)	3.7	3.7	3.7
Fish and Wildlife			
Mule Deer Year-Round Population (USU)	3.7	3.7	3.7
Washington Ground Squirrels CAT 2 Habitat	0.8	0.3	0.3
Land Use			
Exclusive Farm Use	0.1	3.6	2.0
Fire Management Unit	3.7	3.7	3.7
Fire Management Zone	3.7	3.7	3.7
Naval Weapons Systems Training Facility (NWSTF) Boardman	3.6	0.1	1.8
NWSTF Habitat Management Area	1.8	–	–
NWSTF Research Natural Area	0.4	–	–

Resource Group/ Resource Name	Proposed Route	West of Bombing Range Road Alternative 1	West of Bombing Range Road Alternative 2
Oregon National Historic Trail Intact Segment (1/4-mile buffer)	0.5	0.4	0.4
Sand Hollow Canyon TCP	2.3	2.3	2.3
Sisupa TCP	3.4	3.4	3.4
Wildland Urban Interface (ODF)	3.7	3.7	3.7
Ownership			
Military Reservation/Corps of Engineers	3.7	0.1	–
Private	–	3.6	3.7
Water and Wetlands			
Wetlands (ONHIC)	–	–	–
Zoning			
Exclusive Farm Use	0.1	3.6	2.0
Public	3.6	0.1	1.7

NWSTF – Naval Weapons System Training Facility
ODF – Oregon Department of Forestry
ONHIC – Oregon Natural Heritage Information Center
TCP – Tribal Consultation Policy area (Umatilla Tribe)
USU – Utah State University

3.2.1.3 Sand Hollow/Whitaker Flats Route

The Sand Hollow/Whitaker Flats Route is part of the Proposed Route in Morrow and Umatilla counties. It was developed by the BLM with input from Morrow and Umatilla counties as a route that would help to avoid agricultural and residential areas. In Morrow County, this route replaced 31.4 miles of the Proposed Route that was included in the Draft Amended pASC. A total of 16.1 miles of the Proposed Route that was included in the Draft Amended pASC is being carried forward in the Amended pASC (see Figure 3.2-1).

3.2.2 Umatilla County

In Umatilla County, the Proposed Route includes the Sand Hollow/Whitaker Flats and a portion of the Proposed Route that was included with the Draft Amended pASC.

3.2.2.1 Sand Hollow/Whitaker Flats

The Sand Hollow/Whitaker Flats Route is part of the Proposed Route in Morrow and Umatilla counties. It was developed by the BLM with input from Morrow and Umatilla counties as a route that would avoid agricultural and residential areas. In Umatilla County, the Sand Hollow/Whittaker Flats route replaced 39.1 miles of the Proposed Route that was included in the Draft Amended pASC (see Figure 3.2-2). Only 10.4 miles of the Proposed Route that was included in the Draft Amended pASC is being carried forward into the Amended pASC. This portion of the Draft Amended pASC route is located in the Blue Mountains in the vicinity of the towns of Kamela and Meacham.

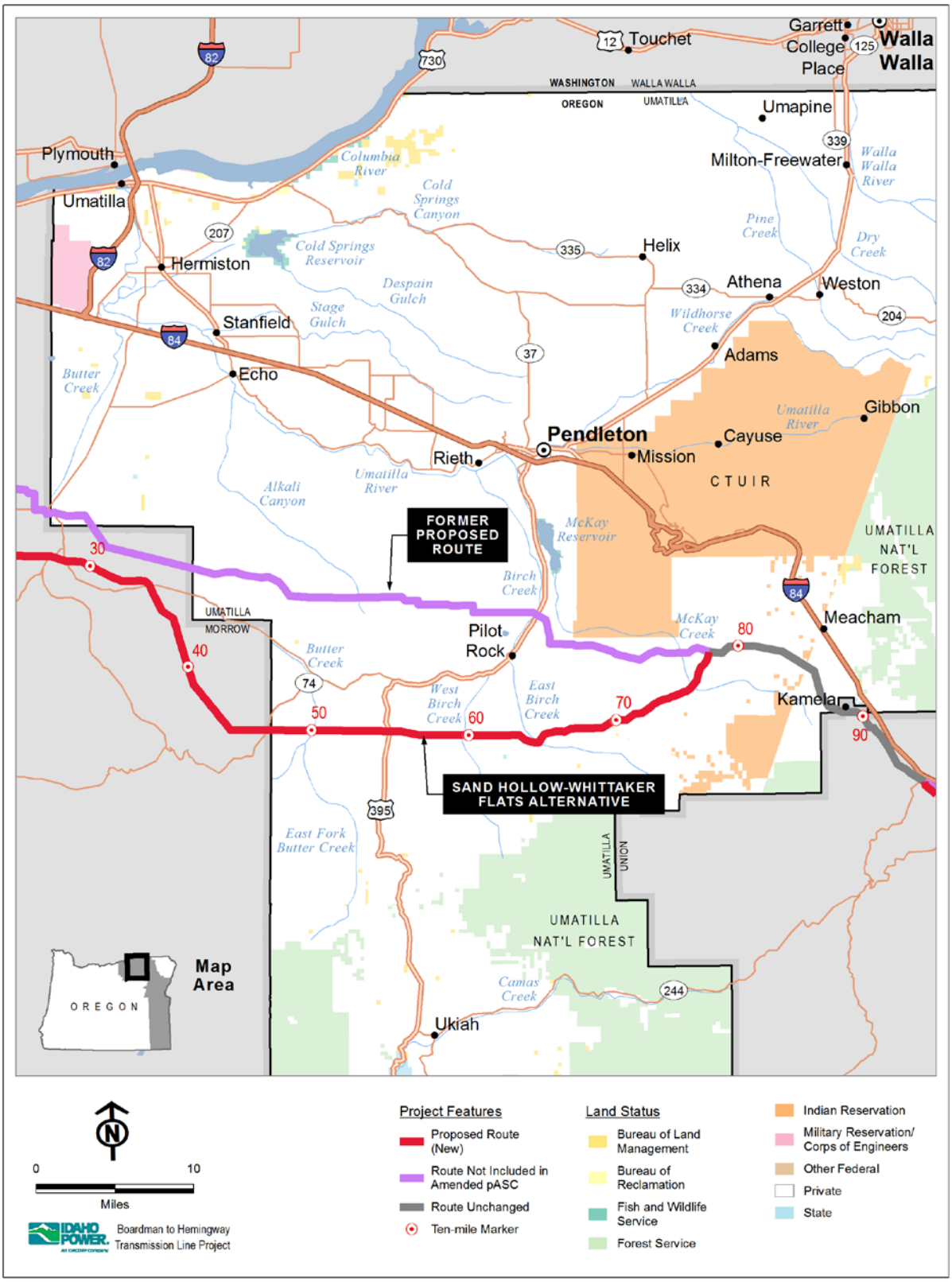


Figure 3.2-2. Changes in Umatilla County Between 2016 and 2017

3.2.3 Union County, Oregon

In Union County, the Proposed Route includes portions of the Proposed Route that were included in the Draft Amended pASC and the Mill Creek Route that was developed by the BLM. In addition, the BLM also developed routes that collocated the Project with the existing La Grande to Quartz 230-kV transmission line. IPC also developed the Morgan Lake Alternative to the Mill Creek Route.

3.2.3.1 The Proposed Route

The Proposed Route (Mill Creek Route and the collocated route) are part of the Proposed Route in Union County. These routes were developed by the BLM with input from Union County. In Union County, the Mill Creek Route and the Magpie Peak Route replaced 32.3 miles of the Proposed Route that was included in the Draft Amended pASC. Only 7.6 miles of the Proposed Route was included in the Draft Amended pASC and is being carried forward into the Amended pASC. This portion of the Draft Amended pASC route is located in the Blue Mountains between Kamela and Hilgard (see Figure 3.2-3).

3.2.3.2 Magpie Peak Route

The BLM developed the Magpie Peak Route in Union and Baker counties to collocate the Project with the existing Quartz to La Grande 230-kV transmission line. Where possible, the Project was located within 250 feet of the existing transmission line. See Section 3.1.1.2 of Exhibit B for a detailed discussion of extra high voltage transmission line separation criteria.

3.2.3.3 IPC's Morgan Lake Alternative

The Morgan Lake Alternative was developed by IPC with input from local land owners. The Morgan Lake Alternative crosses fewer parcels with residences, does not cross the Ladd Marsh Wildlife Management Area, does not cross Interstate 84, and is 0.5 miles shorter than the corresponding section of the Proposed Route (Mill Creek Route; see Table 3.2-2).

Table 3.2-2. Comparison of Constraints between the Mill Creek Route and the Morgan Lake Alternative in Union County

Resource Group/ Resource Name	Mill Creek Route (miles)	Morgan Lake Alternative (miles)
Length	19.0	18.5
Fish and Wildlife		
Big Game Deer Winter Range (ODFW)	19.0	15.3
Big Game Elk Winter Range (ODFW)	19.0	16.5
Elk Summer Range (USFS)	6.1	15.6
Elk Winter Range (USFS)	17.0	16.3
Elk Winter Range Concentration (USFS)	8.7	3.2
Mule Deer Summer Range (USU)	2.7	7.8
Mule Deer Winter Concentration (USU)	16.4	10.7
Mule Deer Year Round Population (USU)	16.4	10.7
Land Use		
Fire Management Unit	19.0	18.5
Fire Management Zone	19.0	18.5
Grazing Allotment (OR Mgmt Category: C)	1.9	6.9
Recreation Opportunity Spectrum	–	0.8

Resource Group/ Resource Name	Mill Creek Route (miles)	Morgan Lake Alternative (miles)
Wildland Urban Interface (ODF)	4.2	4.6
Ownership		
Bureau of Land Management	–	0.8
Private	19.0	17.7
Visual Resources		
BLM VRM Class 3	–	0.8
Water and Wetlands		
Wetlands (ONHIC)	0.2	<0.1
Zoning		
Agriculture-Grazing	1.7	1.3
Timber-Grazing	17.3	17.2

ODF – Oregon Department of Forestry
ODFW – Oregon Department of Fish and Wildlife
ONHIC – Oregon Natural Heritage Information Center
USU – Utah State University
USFS – United States Forest Service
VRM – Visual Resource Management

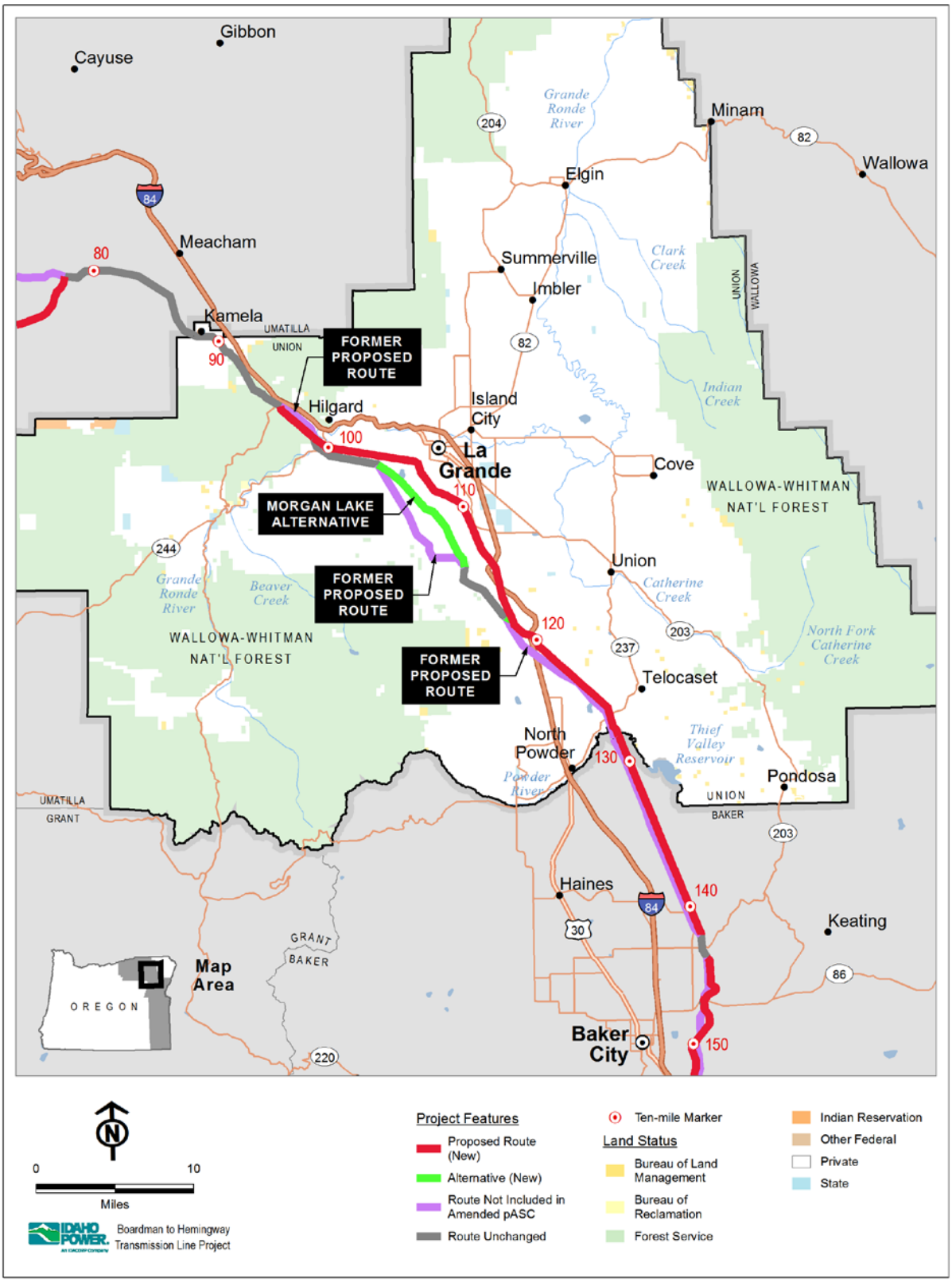


Figure 3.2-3. Changes in Union County Between 2016 and 2017

3.2.4 Baker County, Oregon

The portion of the Proposed Route located in Baker County was selected as part of the BLM's Agency Preferred Alternative and includes the Magpie Peak Route, Flagstaff Gulch-Lone Pine Mountain Route, and the West Durkee-Table Rock Route (see Figure 3.2-4). IPC is not proposing any alternatives in Baker County in the Amended pASC. The BLM developed routes replaced 47.2 miles of the Proposed Route that was included in the Draft Amended pASC. A total of 22.1 miles of the Proposed Route that was included in the Draft Amended pASC is being carried forward into the Amended pASC.

3.2.4.1 Magpie Peak Route

The Magpie Peak Route is part of the Proposed Route in Baker County. The Magpie Peak Route was developed by the BLM as a route that would, where possible, collocate the Project with the existing Quartz to La Grande 230-kV transmission line. See Section 3.1.1.2 of Exhibit B for a detailed discussion of extra high voltage transmission line separation criteria.

3.2.4.2 Flagstaff Gulch-Lone Pine Mountain Route

The Flagstaff Gulch-Lone Pine Mountain Route is part of the Proposed Route in Baker County. The Flagstaff Gulch portion was developed by the BLM with input from Baker County as a route that would avoid agricultural areas in the Baker Valley. The Lone Pine Mountain portion was developed by the BLM as a route that would, where possible, collocate the Project with the existing Quartz to La Grande 230-kV transmission line. The Flagstaff Gulch Route, located to the west of the National Historic Oregon Trail Interpretive Center. The Flagstaff Gulch Route will necessitate the rebuilding of a 0.9-mile segment of the existing 230-kV IPC transmission line slightly to the east between two hilltops just south of State Highway 86. The 230-kV rebuild is located on privately owned land. As shown in Exhibit B, Figure B-2, the existing 230-kV line will be shifted to the west and rebuilt to facilitate placing the 500-kV line into the existing 230-kV ROW. This will allow the use of typical height 500-kV towers and reduce visual impacts to the National Historic Oregon Trail Interpretive Center. If the 230-kV line were not shifted to the west, the 500-kV line would require taller structures with longer spans to cross over the existing 230-kV line, which potentially would have greater visual impacts to the Interpretive Center.

3.2.4.3 West Durkee-Table Rock Route

The West Durkee-Table Rock Route is part of the Proposed Route in Baker County. It was developed by the BLM with input from Baker County as a route that would avoid agricultural areas in the Durkee Valley. The Table Rock portion of the route was developed by the BLM as a route that would collocate the Project, where possible, with the existing Quartz to Weiser 138-kV transmission line.

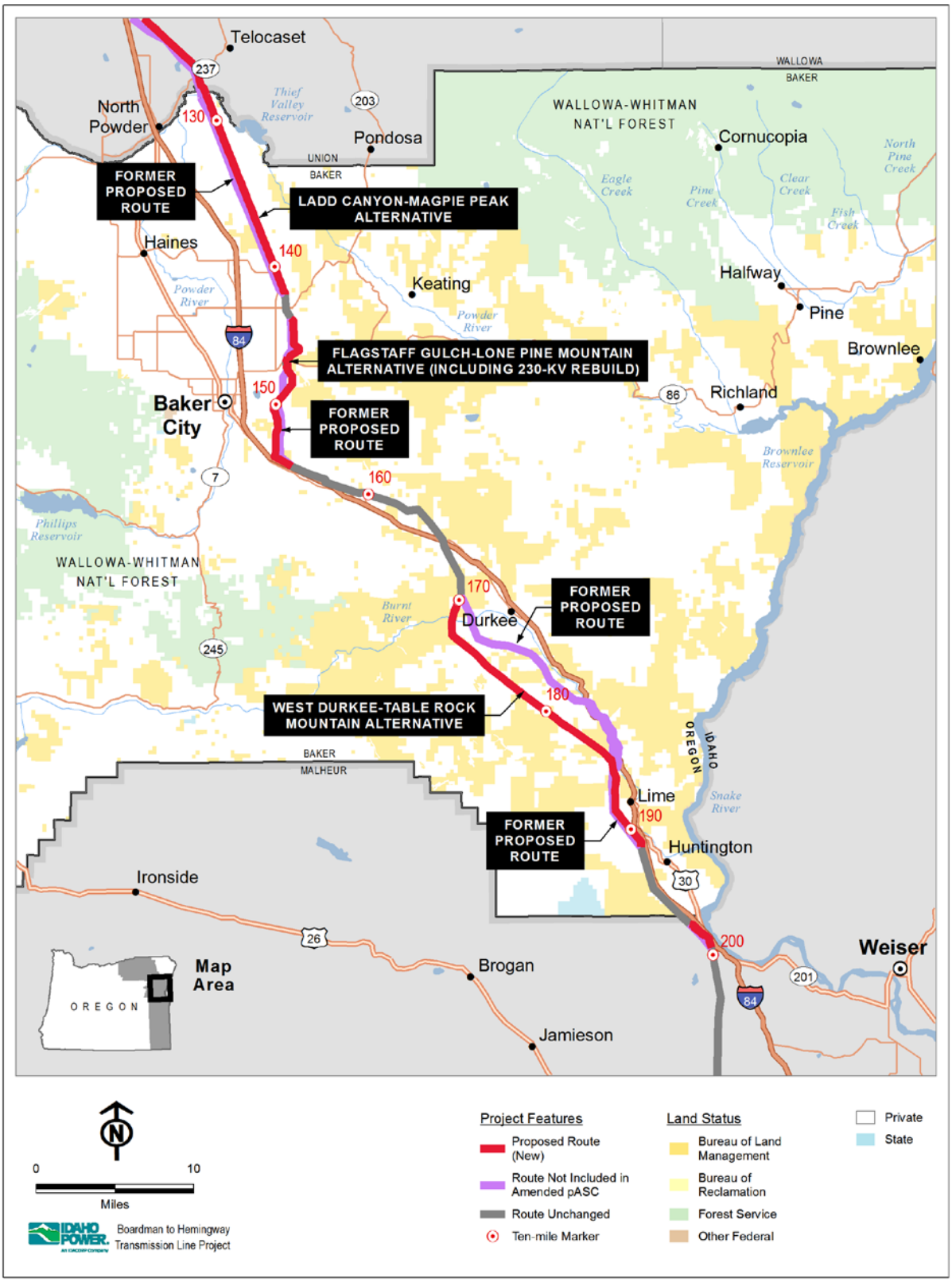


Figure 3.2-4. Changes in Baker County Between 2016 and 2017

3.2.5 Malheur County, Oregon

In Malheur County the majority of the Proposed Route was included in the Draft Amended pASC. The BLM developed a New Owyhee River Crossing Route and IPC developed the North Birch Creek Route. In addition, IPC has maintained the Double Mountain Alternative in the Amended pASC as an Alternative to the Proposed Route in Malheur County.

3.2.5.1 Birch Creek North Route

As part of the Proposed Route, IPC developed the Birch Creek North Route. The Birch Creek North Route includes the rebuild of 1.1 miles of the existing Quartz to Weiser 138-kV transmission line and the siting of the Project transmission line within the existing 138-kV ROW. Between milepost 197.6 and milepost 198.8, the Proposed Route will be located in the existing IPC 138-kV transmission line ROW for 0.8 mile. The 138-kV transmission line will be rebuilt to the southwest of the Proposed Route in a new ROW for 1.1 miles. This is being done to reduce visual impacts to the Oregon Trail Birch Creek Area of Critical Environmental Concern (see Figure 3.2-5).

3.2.5.2 New Owyhee River Crossing Route

The New Owyhee River Crossing Route is part of the Proposed Route in Malheur County. The New Owyhee River Crossing Route was developed by the BLM as a route that would avoid crossing the Lower Owyhee River Wild and Scenic River Study Area. The New Owyhee River Crossing Route moved the Project into the BLM Vale District Utility Corridor. This route also moved the Project from public land to private land (see Figure 3.2-5).

3.2.5.3 Double Mountain Alternative

The Double Mountain Alternative is 7.4 miles in length and is presented in the Amended pASC as an alternate to the Proposed Route in Malheur County. The Double Mountain Alternative was initially developed in response to community concerns and requests from the public to maximize the use of public land. The Double Mountain Alternative crosses 6.2 fewer miles of private land; however, the public land that it crosses includes a wilderness characteristic unit. Although the BLM did not select the Double Mountain Alternative as its Agency Preferred Alternative, BLM indicated in a January 30, 2014, meeting that it is still considering the Double Mountain Alternative for ROW authorization. Accordingly, IPC is including the Double Mountain Alternative in the Amended pASC. Table 3.2-3 compares the Double Mountain Alternative to the corresponding portion of the Proposed Route (see Figure 3.2-5).

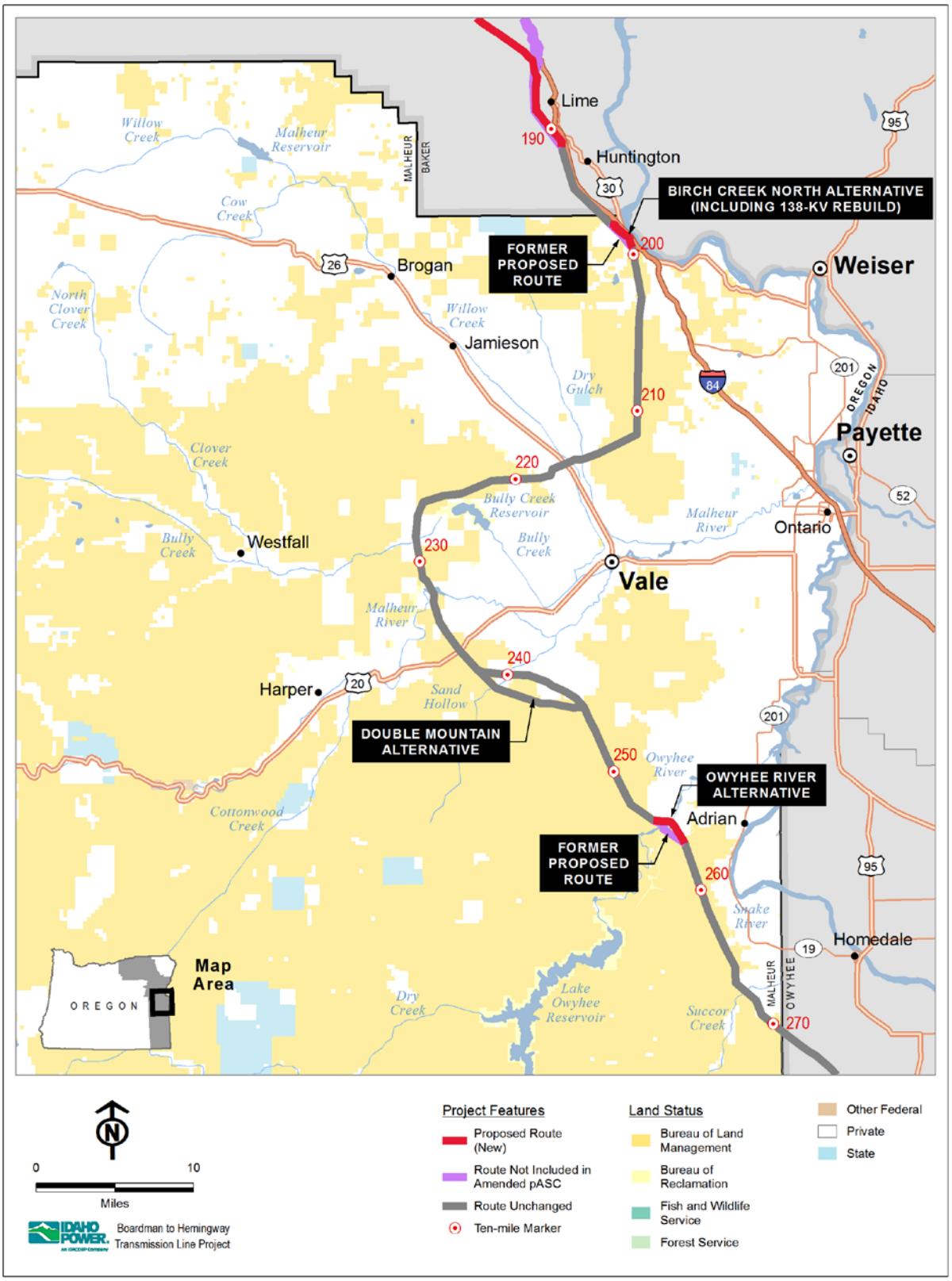


Figure 3.2-5. Changes in Malheur County Between 2016 and 2017

Table 3.2-3. Comparison of Constraints Between the Proposed Route and Double Mountain Alternative in Malheur County

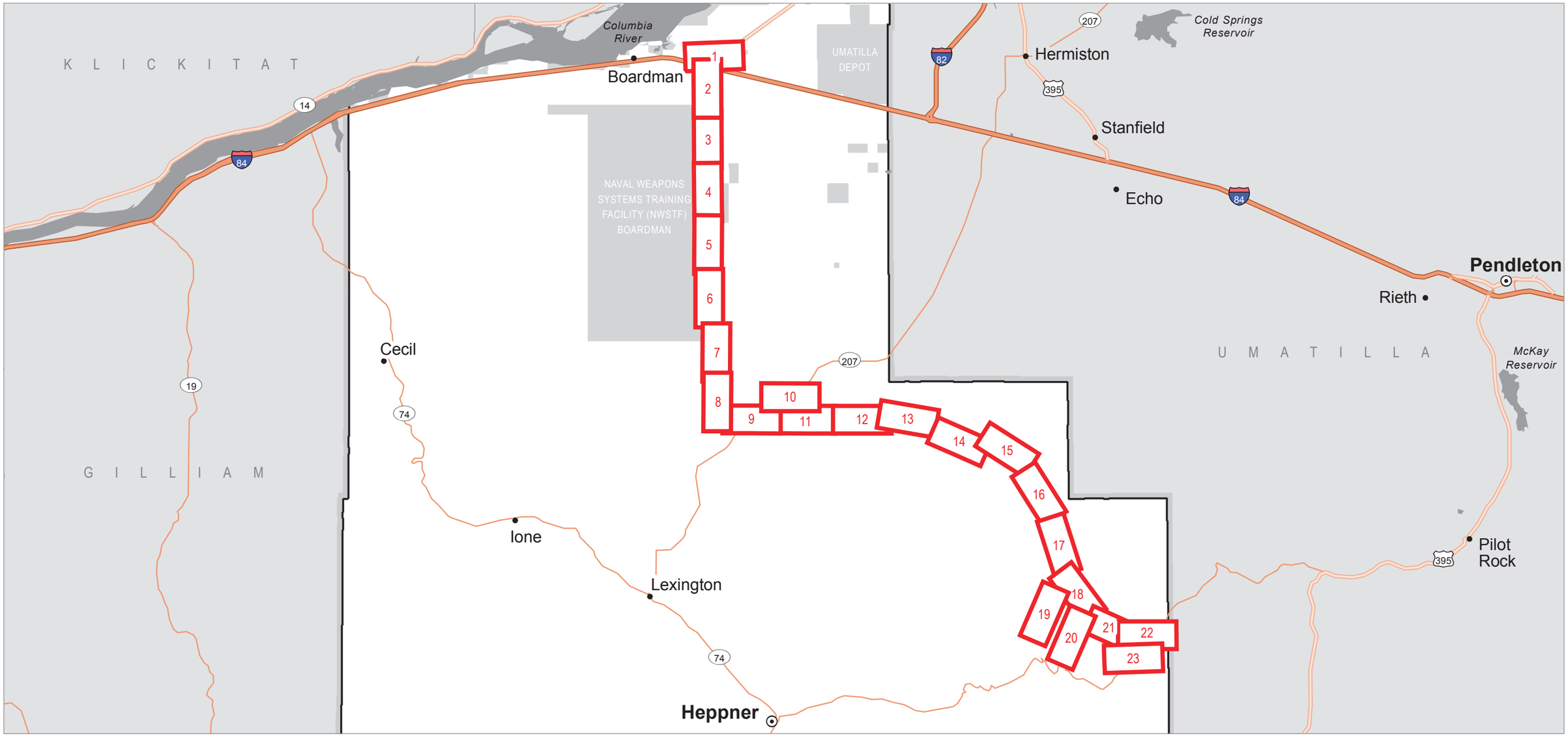
Resource Group/ Resource Name	Proposed Route	Double Mountain Alternative
Length (miles)	7.4	7.4
Fish and Wildlife		
Big Game Deer Winter Range (ODFW)	1.3	0.2
Mule Deer Limited Range (USU)	2.7	3.8
Mule Deer Year Round Population (USU)	4.7	3.6
Land Use		
Exclusive Farm Use Zone/Multiple Use Range Zone	7.4	7.4
Fire Management Unit (Oregon)	7.4	7.4
Fire Management Zone (Oregon)	7.4	7.4
Goal 5 Resources	7.4	7.4
Grazing Allotment (Oregon Mgmt. Category: M)	7.1	7.4
Military Training Route	5.3	1.5
Proposed Wilderness Study Area (ONDA)	–	3.7
SEORMP ROS Rural	6.2	–
SEORMP ROS Semi-Primitive Motorized	–	4.5
SEORMP ROS Semi-Primitive Non-motorized	1.1	2.9
Vale District Wilderness Characteristic Unit: Meets Criteria	1.2	7.4
Wildland Urban Interface (Oregon)	7.4	7.4
Ownership		
Bureau of Land Management	1.2	7.4
Private	6.2	–
Visual Resources		
BLM VRM Class 4	1.2	7.4
Water and Wetlands		
Wetlands	0.1	–
Zoning		
Agriculture	7.4	7.4

ODFW – Oregon Department of Fish and Wildlife
ONDA – Oregon Natural Desert Association
ROS – Recreation Opportunity Spectrum
SEORMP – Southeast Oregon Resource Management Plan
USU – Utah State University
VRM – Visual Resource Management

3.2.6 Owyhee County, Idaho

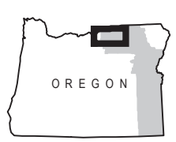
The Proposed Route in Owyhee County is 23.8 miles long, with 19.6 miles located on BLM-managed lands, 2.5 miles on Idaho state lands, and 1.8 miles on privately owned land. The route follows the southwest side of the existing Summer Lake to Midpoint 500-kV line except for the last 2.7 miles. This route had considerable input from Owyhee County, Idaho Department of State Lands, and the local citizens and there has been no need to develop any alternatives along this portion of the route.

ATTACHMENT B-7a
WETLANDS AND WATERS OF THE STATE AREAS OF THE SITE BOUNDARY WITH COMPLETED SURVEYS



0 5

Miles



Map Area

Source(s): BLM, IPC, Esri

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Map Index

Location Map (Map #)

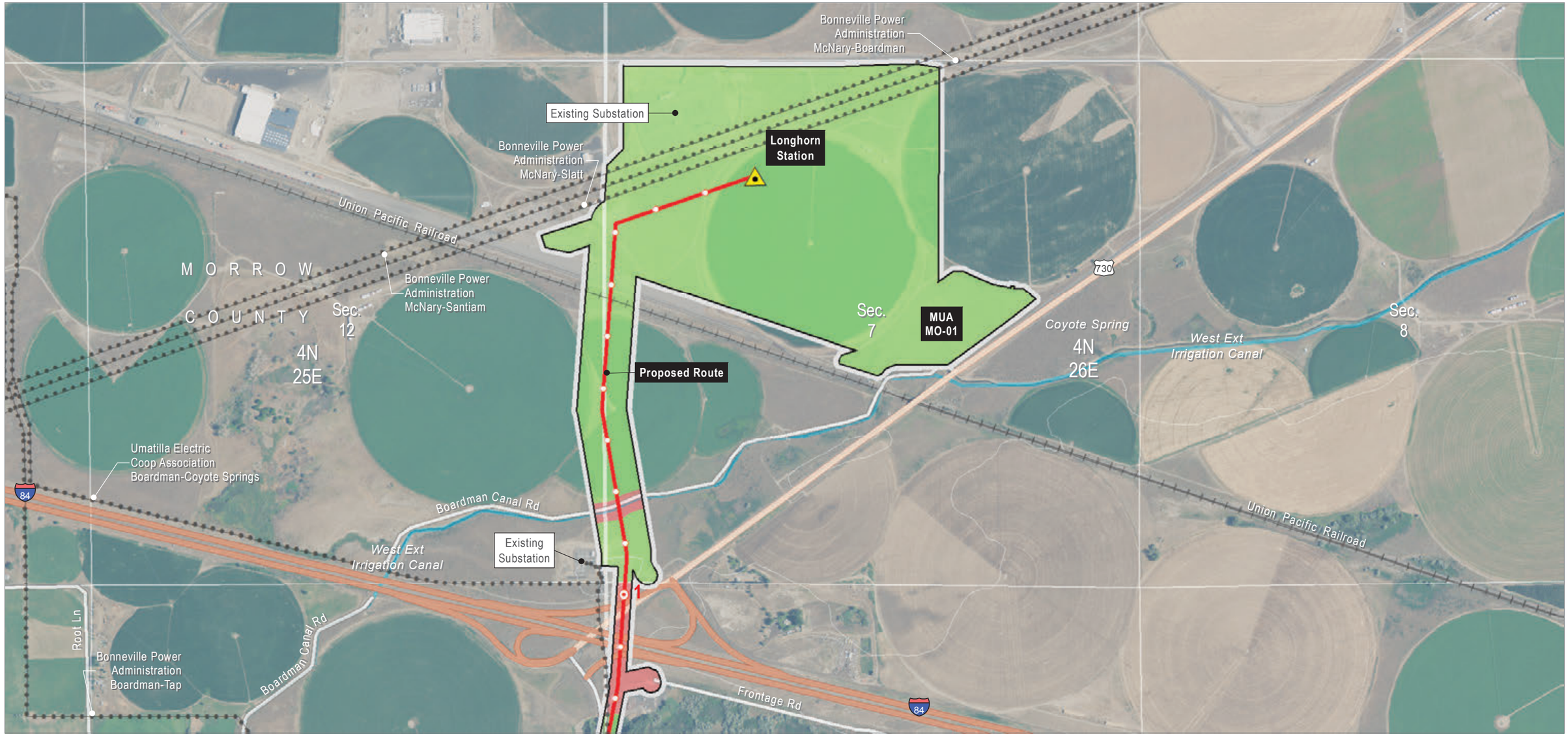
Boardman to Hemingway Transmission Line Project
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IDAHO POWER
An IDACORP Company

Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Morrow County

Map Index



0 1,000 Feet

OREGON

Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations
- Surveyed
- Not Surveyed

Project Features
- Site Boundary
- Transmission Centerline

Mileposts
- Mile
- Tenth-mile
- Stations

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

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Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Morrow County

Map 1



0 1,000
Feet

Map Area



Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State
Surveyed Locations
- Surveyed
- Not Surveyed

Project Features
- Site Boundary
- Transmission Centerline

Mileposts
- Mile
- Tenth-mile

Other Features
- 100-foot Contours
- Existing Transmission Lines
- Interstate
- Highway
- Road
- Stream

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Surveyed Portions of the Site Boundary
Morrow County

Map 2



0 1,000
Feet



Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State
- Surveyed Locations
  - Surveyed

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

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

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Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Morrow County

Map 3



0 1,000
Feet



Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations

- Surveyed

Project Features

- Site Boundary
- Transmission Centerline

Mileposts

- Mile
- Tenth-mile

Other Features

- 100-foot Contours
- Existing Transmission Lines
- Road

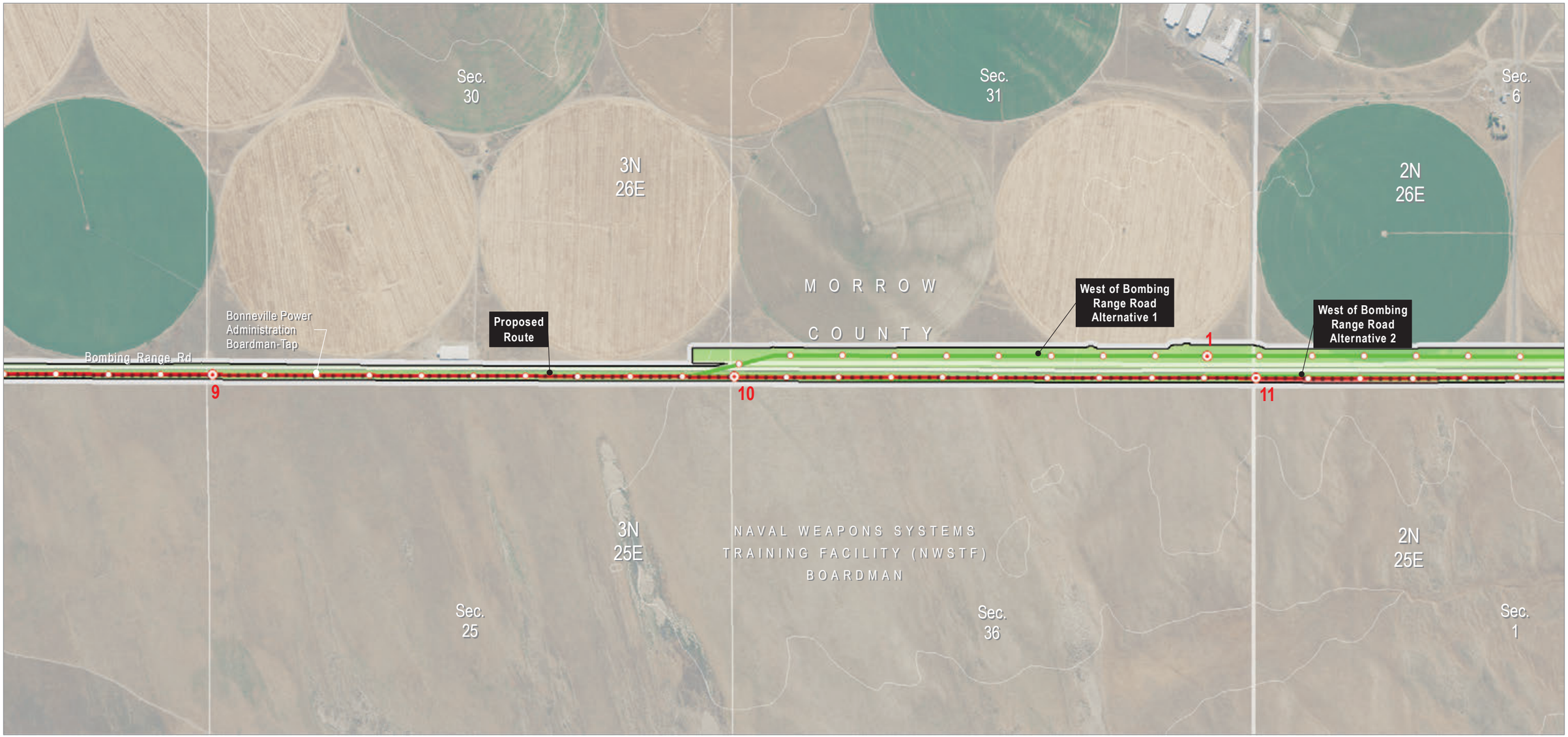
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Surveyed Portions of the Site Boundary
Morrow County

Map 4



0 1,000
Feet

OREGON

Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations
- Surveyed
- Not Surveyed

Project Features
- Site Boundary
- Transmission Centerline
- Alternative

Mileposts
- Mile
- Tenth-mile

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

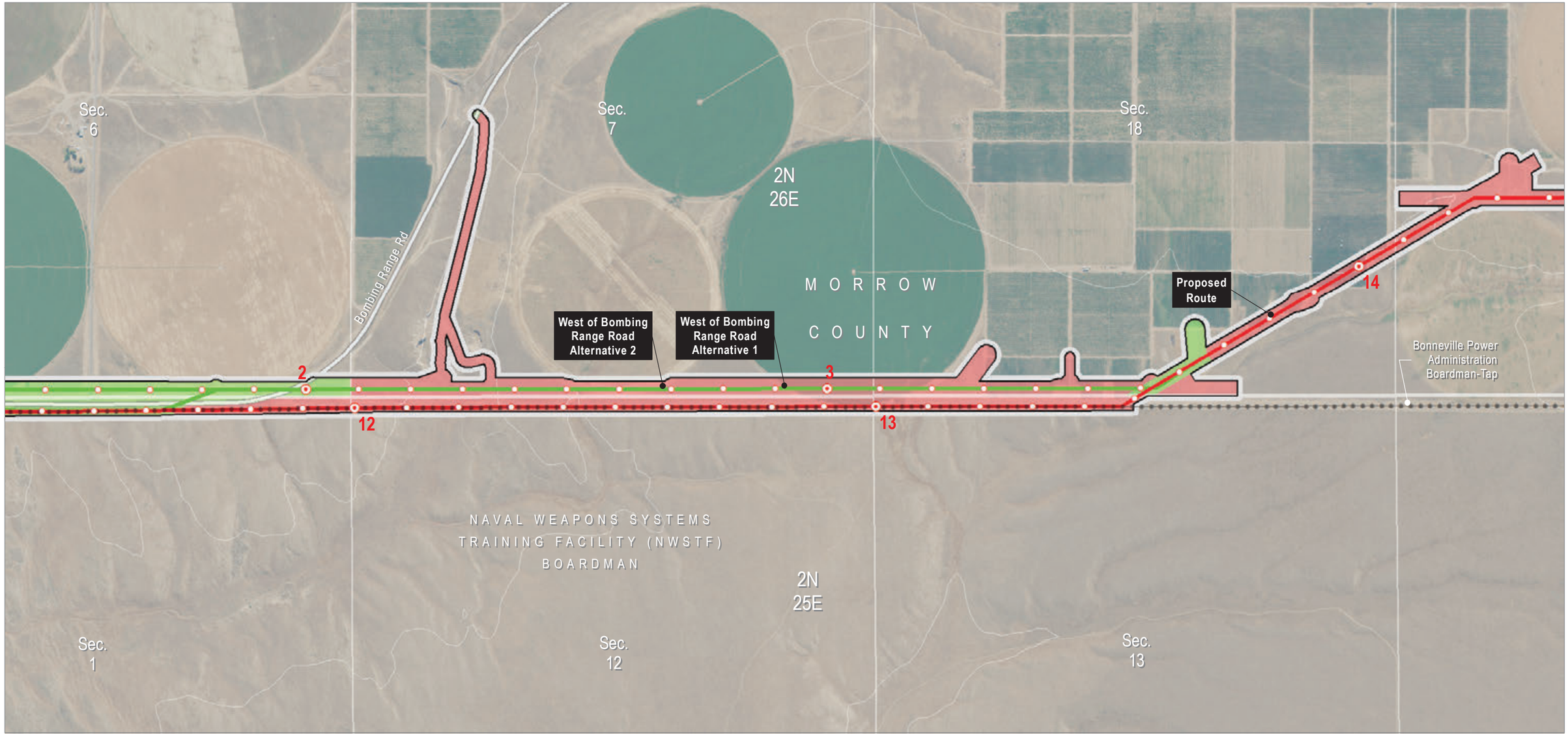
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Surveyed Portions of the Site Boundary
Morrow County

Map 5



0 1,000
Feet



Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations
- Surveyed
- Not Surveyed

Project Features
- Site Boundary
- Transmission Centerline
- Alternative

Mileposts
- Mile
- Tenth-mile

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

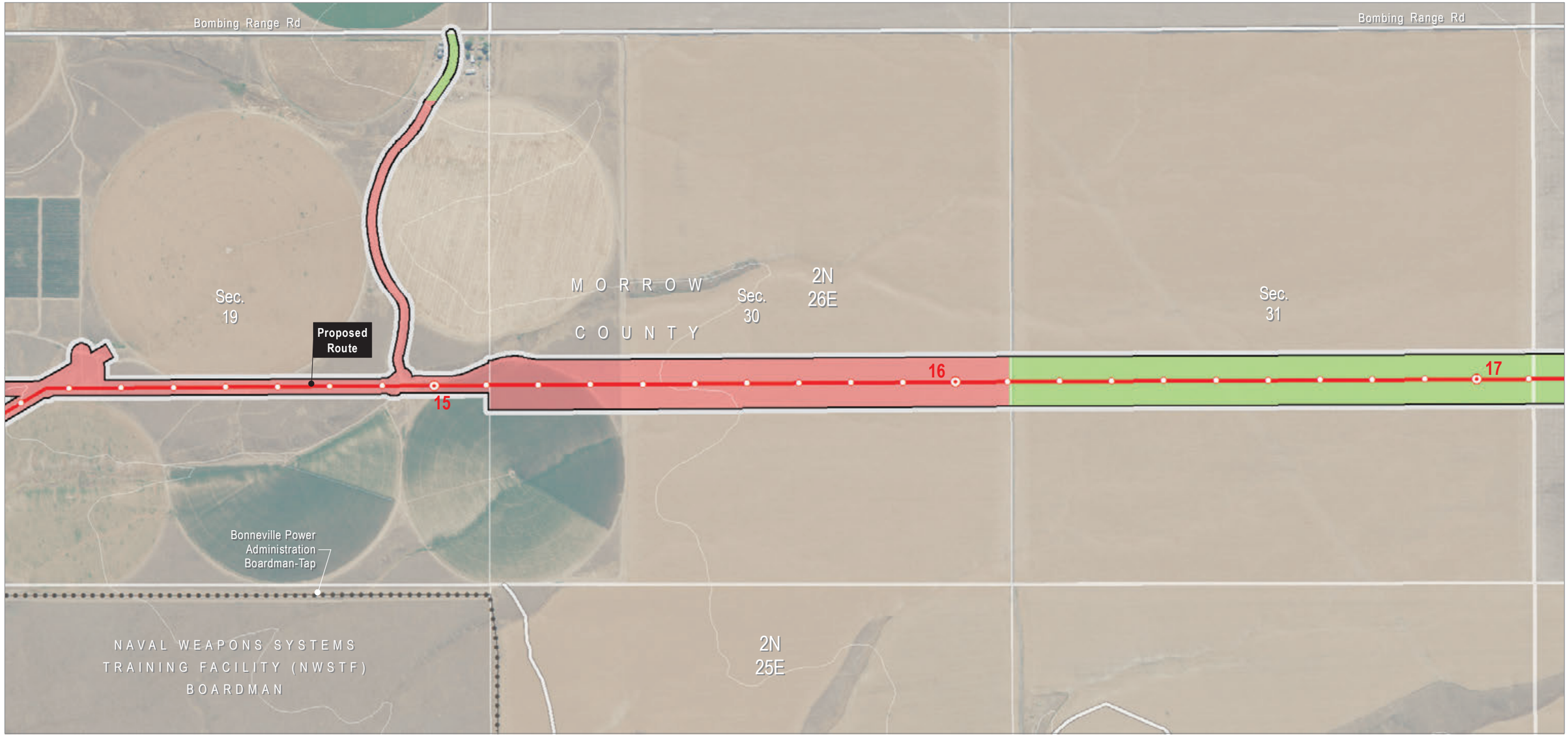
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Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Morrow County

Map 6



0 1,000
Feet



Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations
- Surveyed
- Not Surveyed

Project Features
- Site Boundary
- Transmission Centerline

Mileposts
- Mile
- Tenth-mile

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

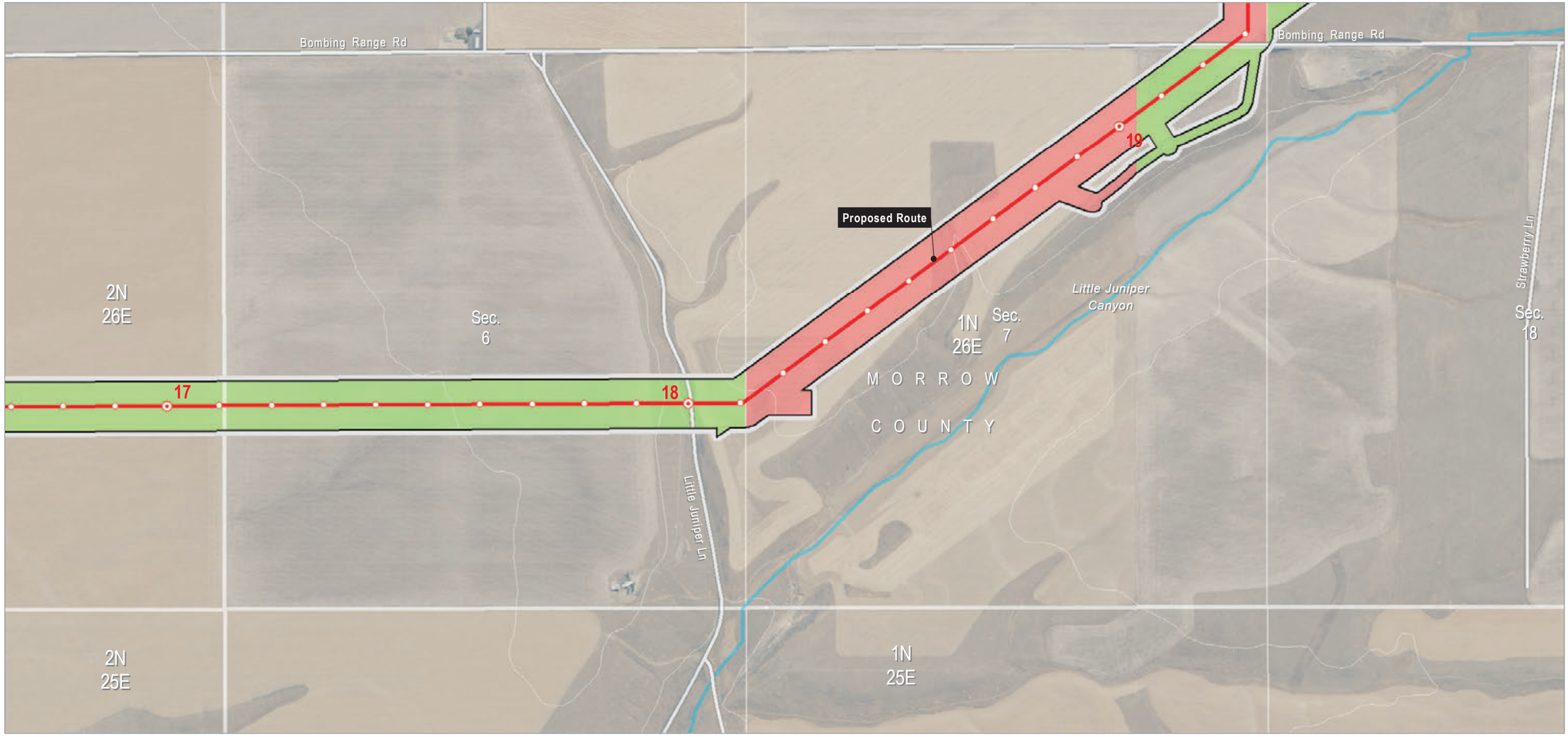
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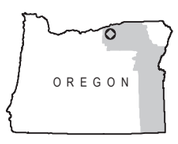
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Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Morrow County

Map 7



0 1,000
Feet



Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations
- Surveyed
- Not Surveyed

Project Features
- Site Boundary
- Transmission Centerline

Mileposts
- Mile
- Tenth-mile

Other Features
- 100-foot Contours
- Road
- Stream

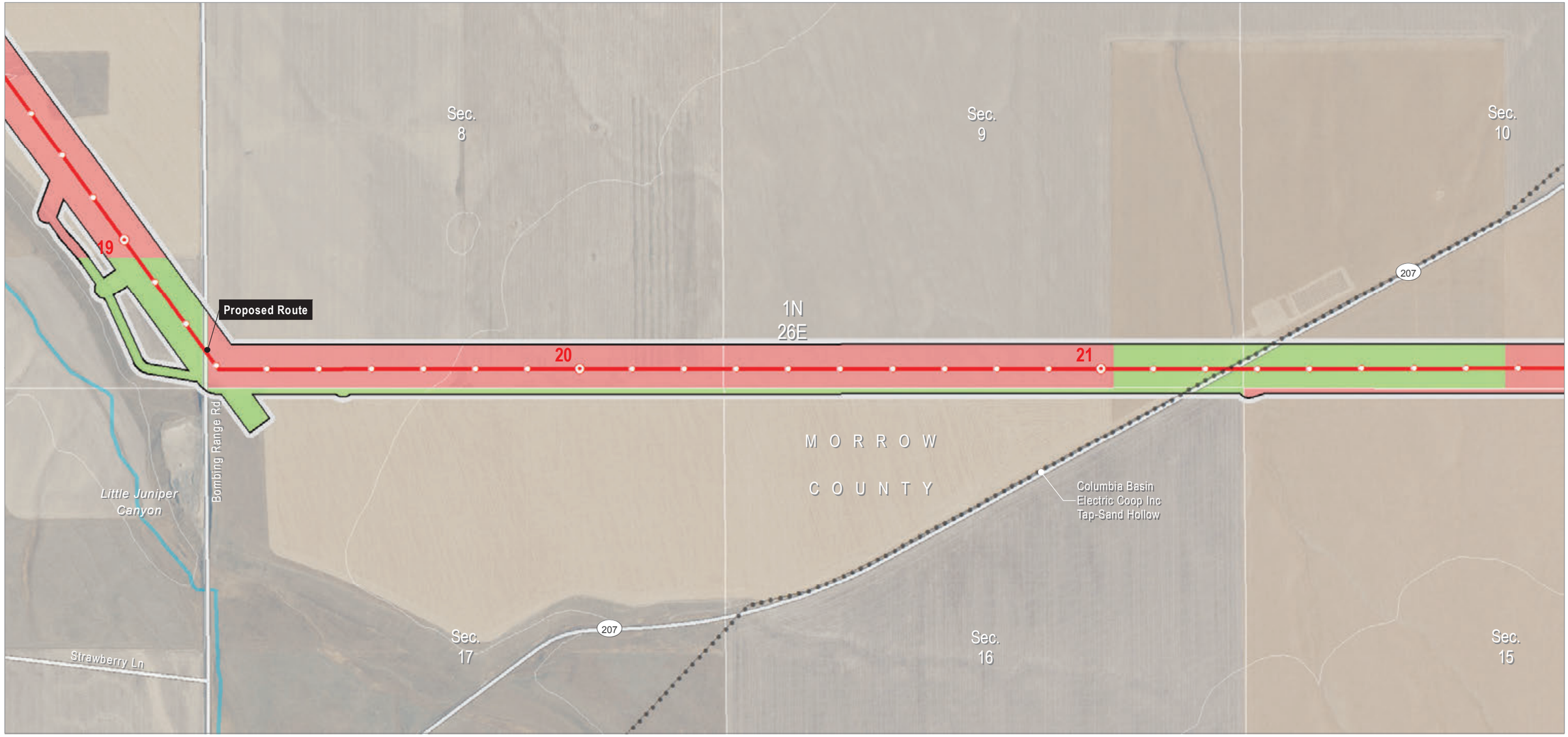
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Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Morrow County

Map 8



0 1,000
Feet



Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations
- Surveyed
- Not Surveyed

Project Features
- Site Boundary
- Transmission Centerline

Mileposts
- Mile
- Tenth-mile

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

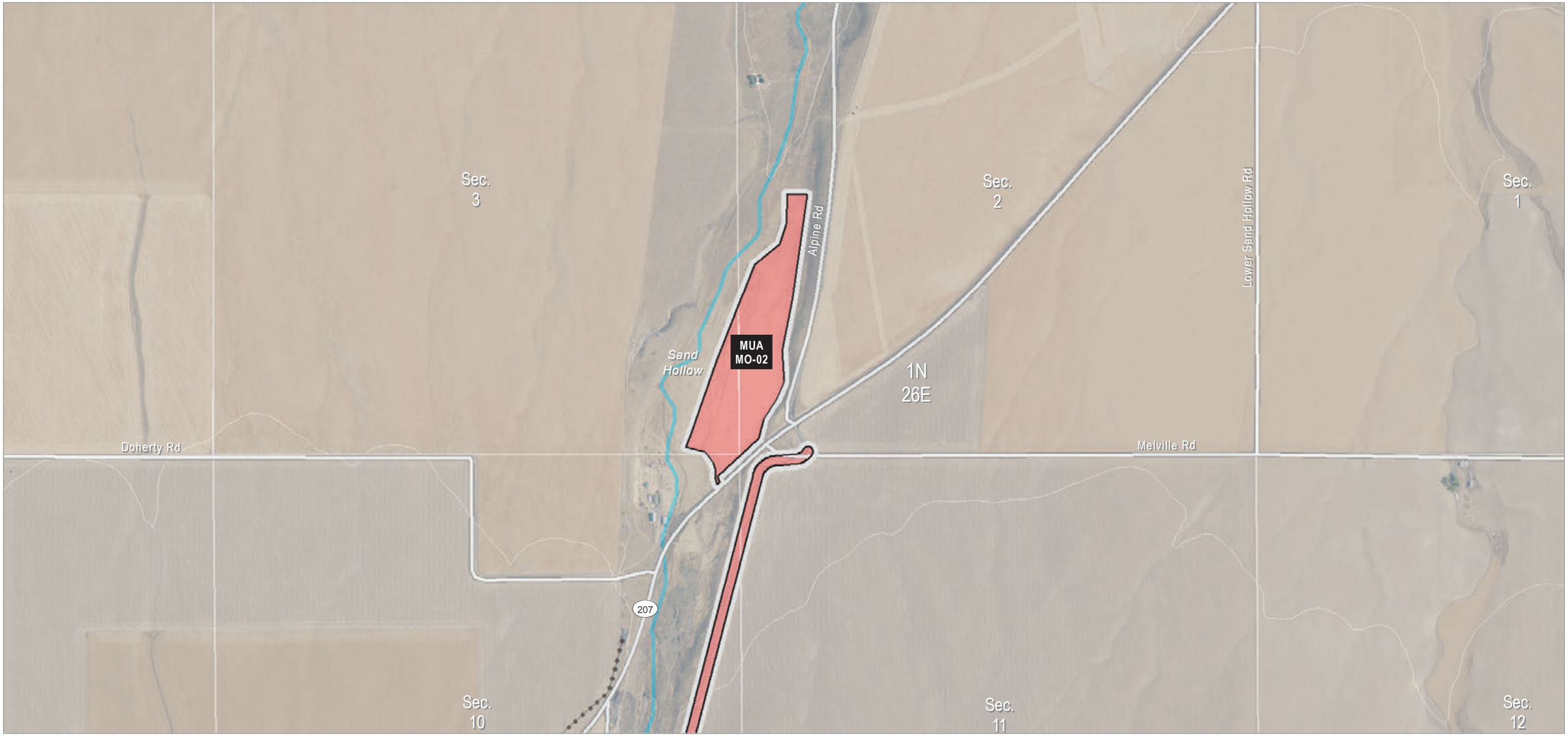
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Surveyed Portions of the Site Boundary
Morrow County

Map 9



0 1,000
Feet



Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations

- Not Surveyed

Project Features

- Site Boundary

Other Features

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

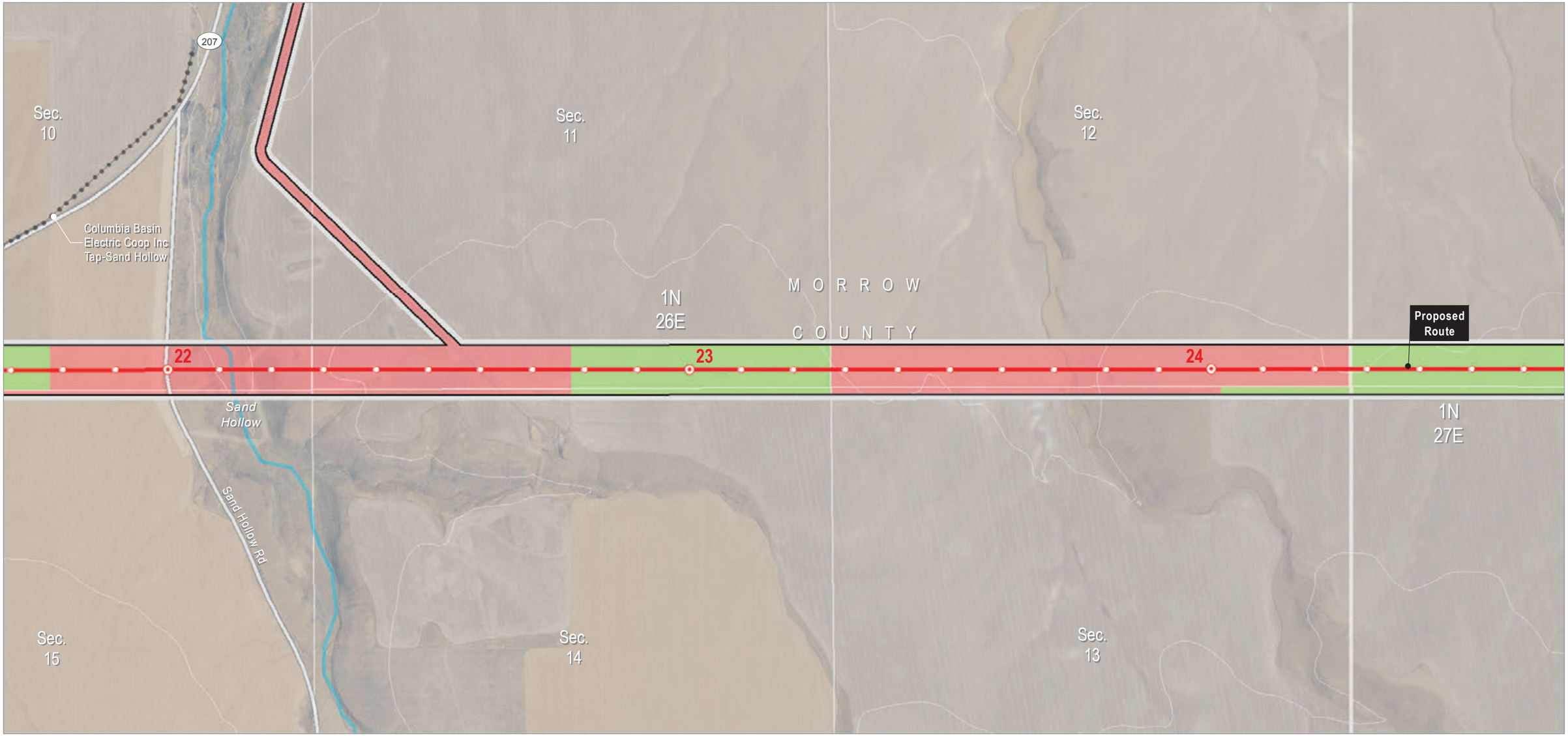
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Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Morrow County

Map 10



0 1,000 Feet

OREGON

Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations
- Surveyed
- Not Surveyed

Project Features
- Site Boundary
- Transmission Centerline

Mileposts
- Mile
- Tenth-mile

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

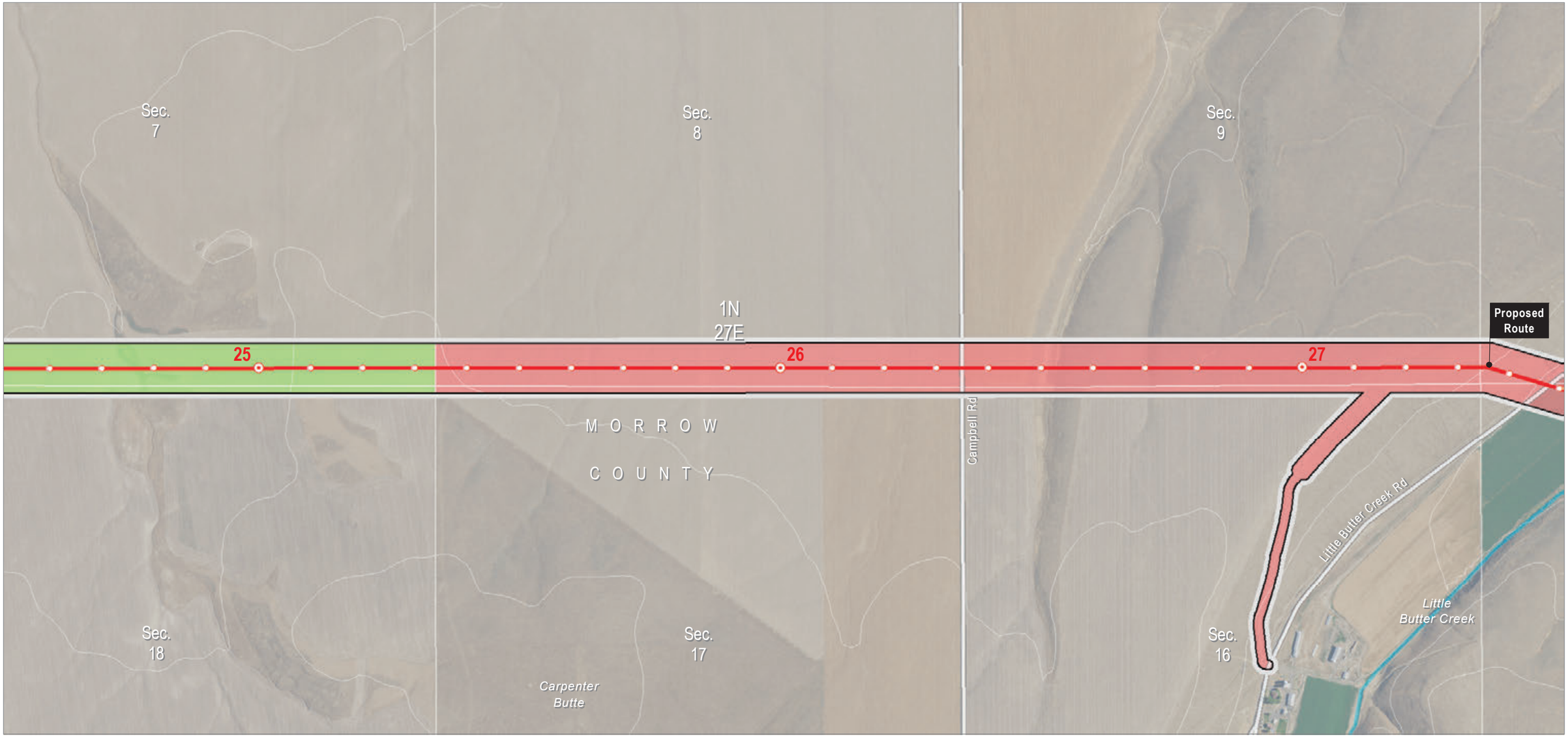
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Surveyed Portions of the Site Boundary
Morrow County

Map 11



0 1,000
Feet

OREGON

Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations
- Surveyed
- Not Surveyed

Project Features
- Site Boundary
- Transmission Centerline

Mileposts
- Mile
- Tenth-mile

Other Features
- 100-foot Contours
- Road
- Stream

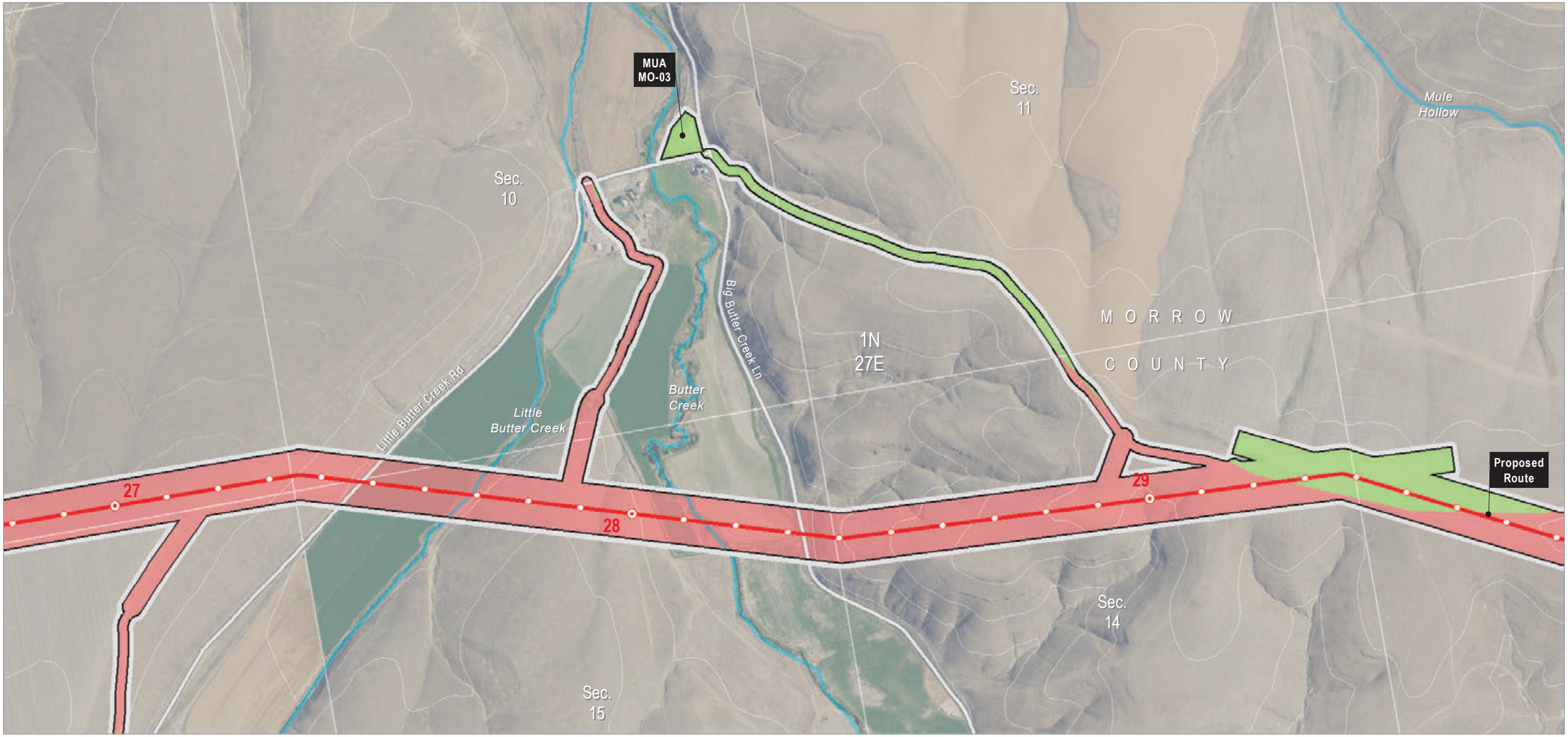
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Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Morrow County

Map 12



0 1,000
Feet

OREGON

Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations
- Surveyed
- Not Surveyed

Project Features
- Site Boundary
- Transmission Centerline

Mileposts
- Mile
- Tenth-mile

Other Features
- 100-foot Contours
- Road
- Stream

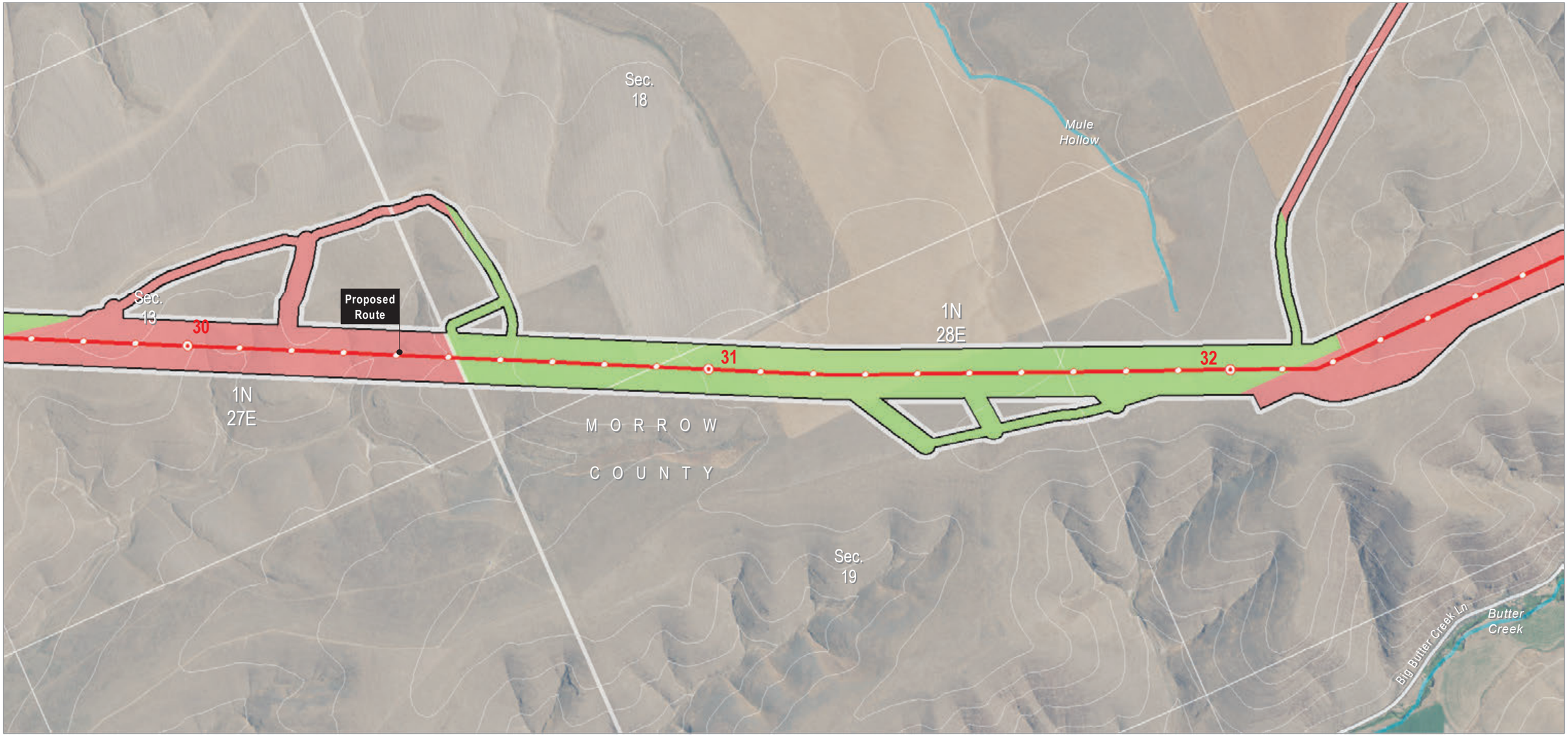
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Surveyed Portions of the Site Boundary
Morrow County

Map 13



0 1,000
Feet

OREGON

Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State
Surveyed Locations
Surveyed
Not Surveyed

Project Features
Site Boundary
Transmission Centerline
Mileposts
Mile
Tenth-mile

Other Features
100-foot Contours
Road
Stream

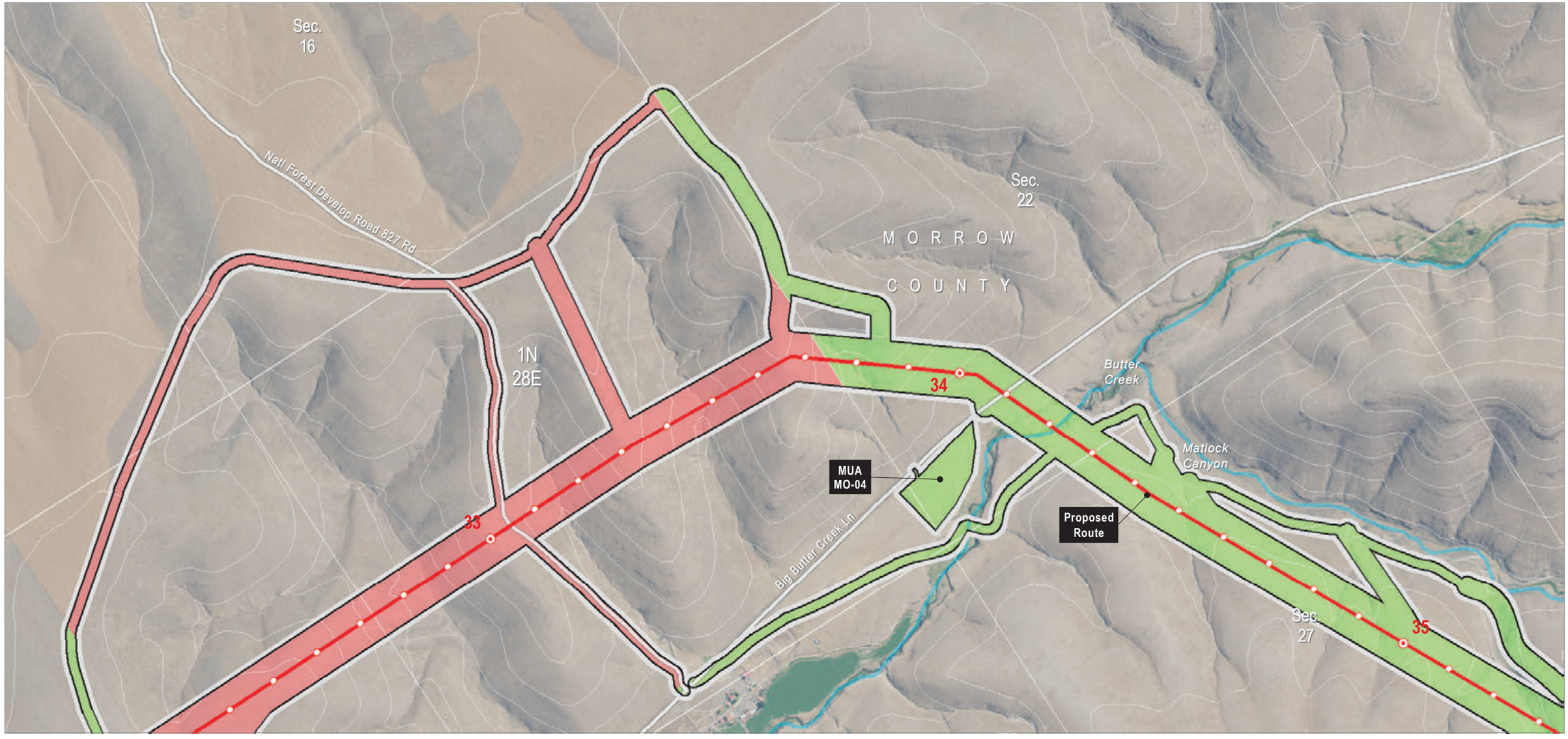
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Application for Site Certificate

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Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Morrow County

Map 14



0 1,000
Feet

OREGON

Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations

- Surveyed
- Not Surveyed

Project Features

- Site Boundary
- Transmission Centerline

Mileposts

- Mile
- Tenth-mile

Other Features

- 100-foot Contours
- Road
- Stream

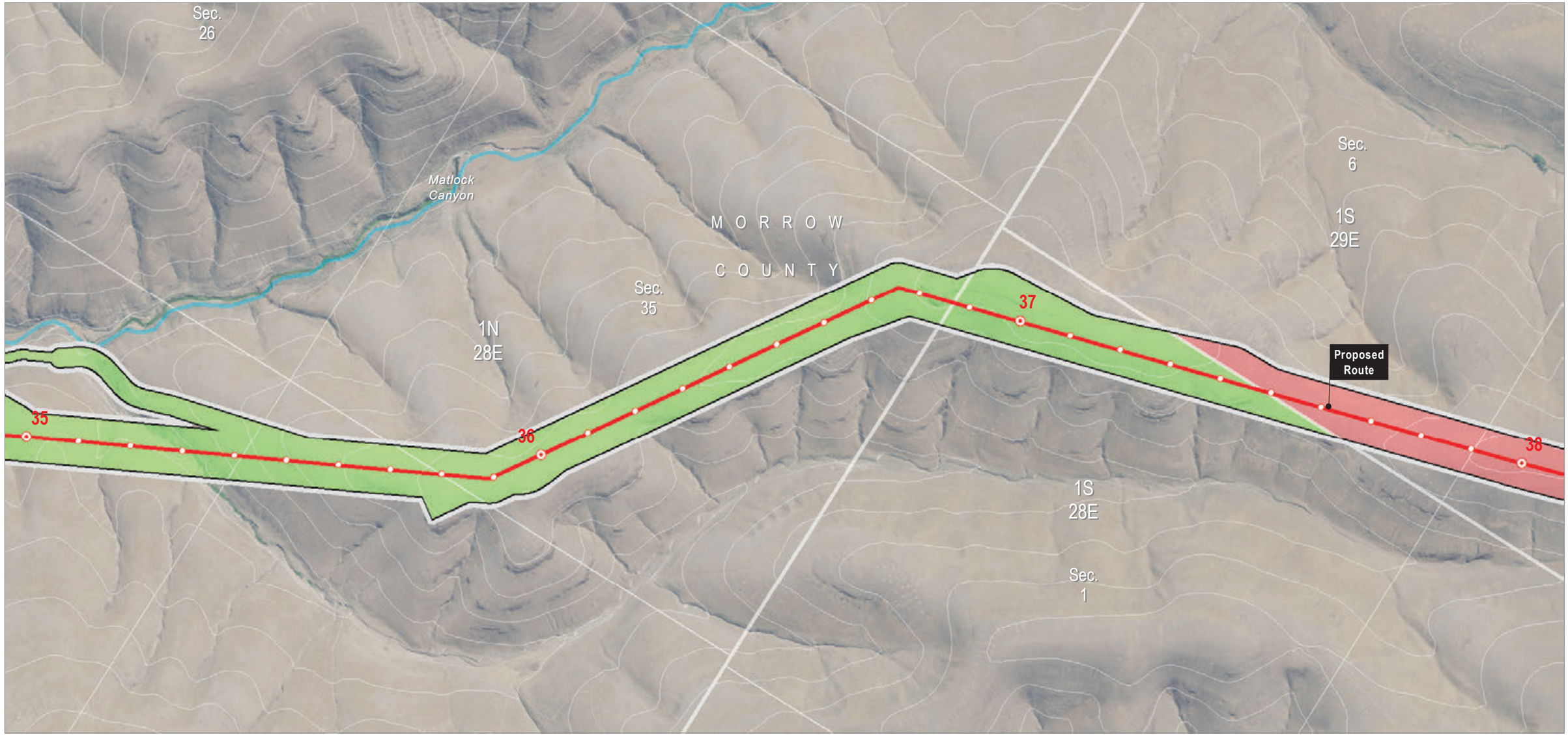
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Surveyed Portions of the Site Boundary
Morrow County

Map 15



0 1,000
Feet

Map Area



Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations
- Surveyed
- Not Surveyed

Project Features
- Site Boundary
- Transmission Centerline

Mileposts
- Mile
- Tenth-mile

Other Features
- 100-foot Contours
- Stream

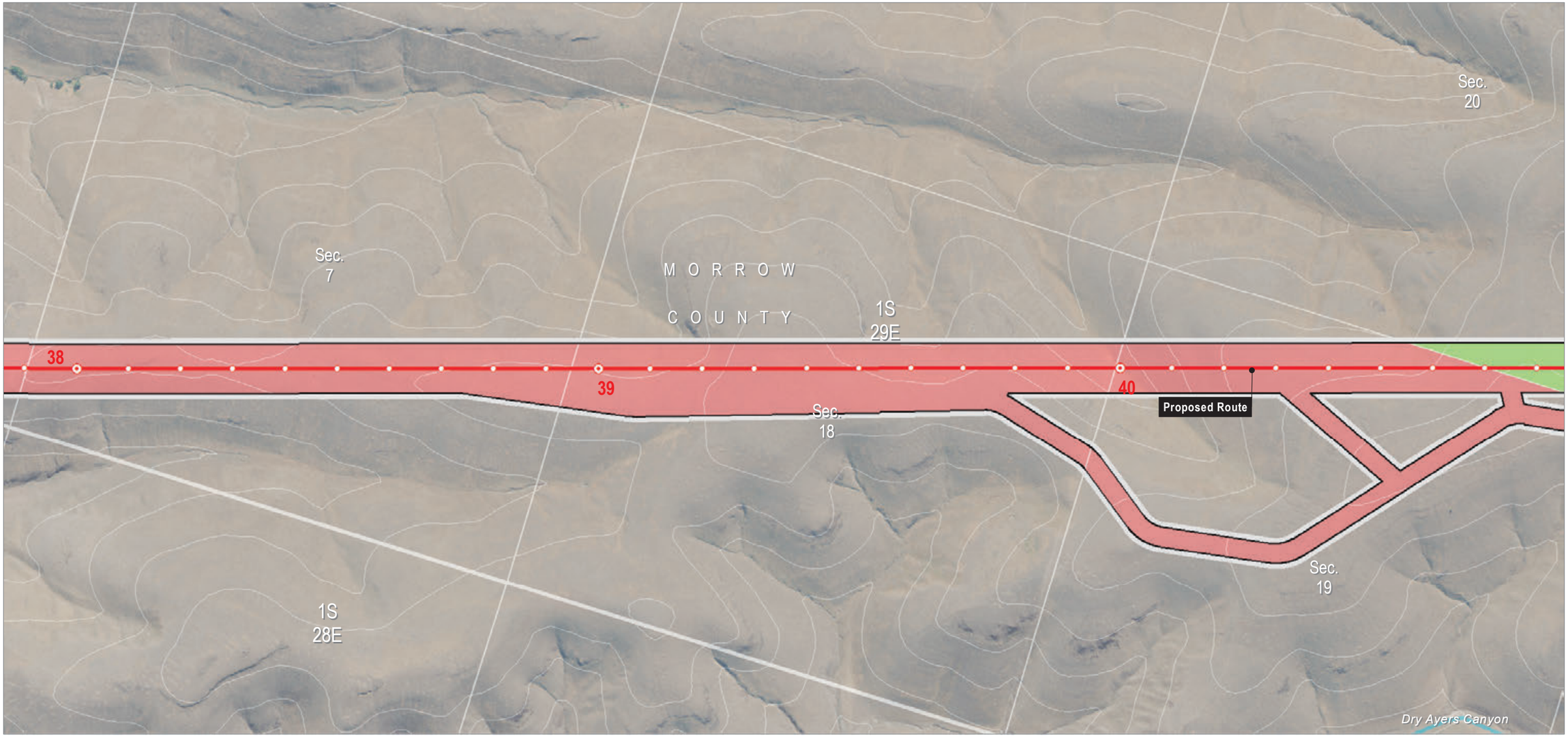
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Surveyed Portions of the Site Boundary
Morrow County

Map 16



0 1,000
Feet

OREGON

Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State
Surveyed Locations
- Surveyed
- Not Surveyed

Project Features
- Site Boundary
- Transmission Centerline

Mileposts
- Mile
- Tenth-mile

Other Features
- 100-foot Contours
- Stream

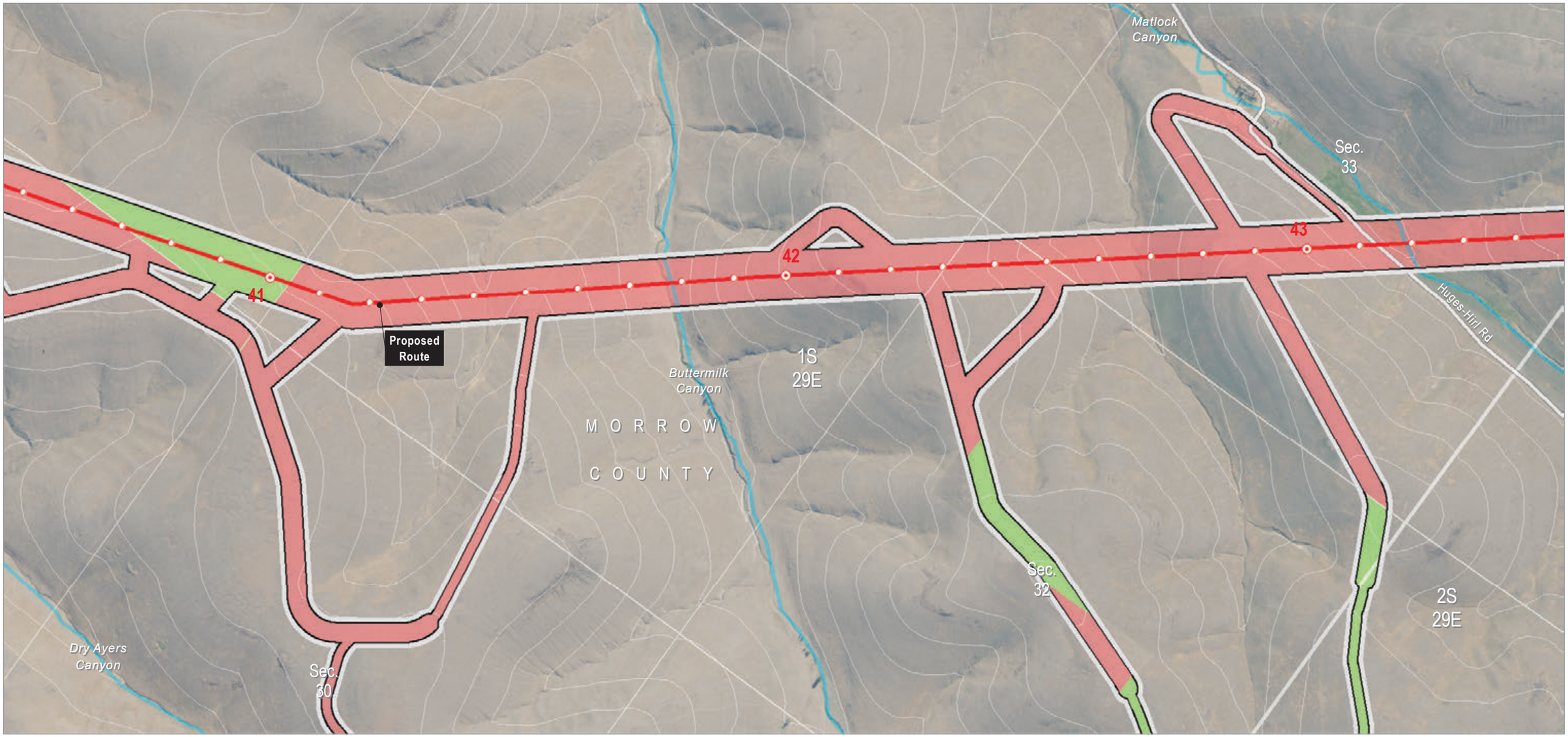
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Surveyed Portions of the Site Boundary
Morrow County

Map 17



0 1,000
Feet

OREGON

Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations
- Surveyed
- Not Surveyed

Project Features
- Site Boundary
- Transmission Centerline

Mileposts
- Mile
- Tenth-mile

Other Features
- 100-foot Contours
- Road
- Stream

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Surveyed Portions of the Site Boundary
Morrow County

Map 18



0 1,000
Feet

OREGON

Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State
Surveyed Locations
- Surveyed
- Not Surveyed

Project Features
- Site Boundary

Other Features
- 100-foot Contours
- Road
- Stream

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Surveyed Portions of the Site Boundary
Morrow County

Map 19



0 1,000
Feet

Map Area

OREGON

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations
- Surveyed
- Not Surveyed

Project Features
- Site Boundary

Other Features
- 100-foot Contours
- Road
- Stream

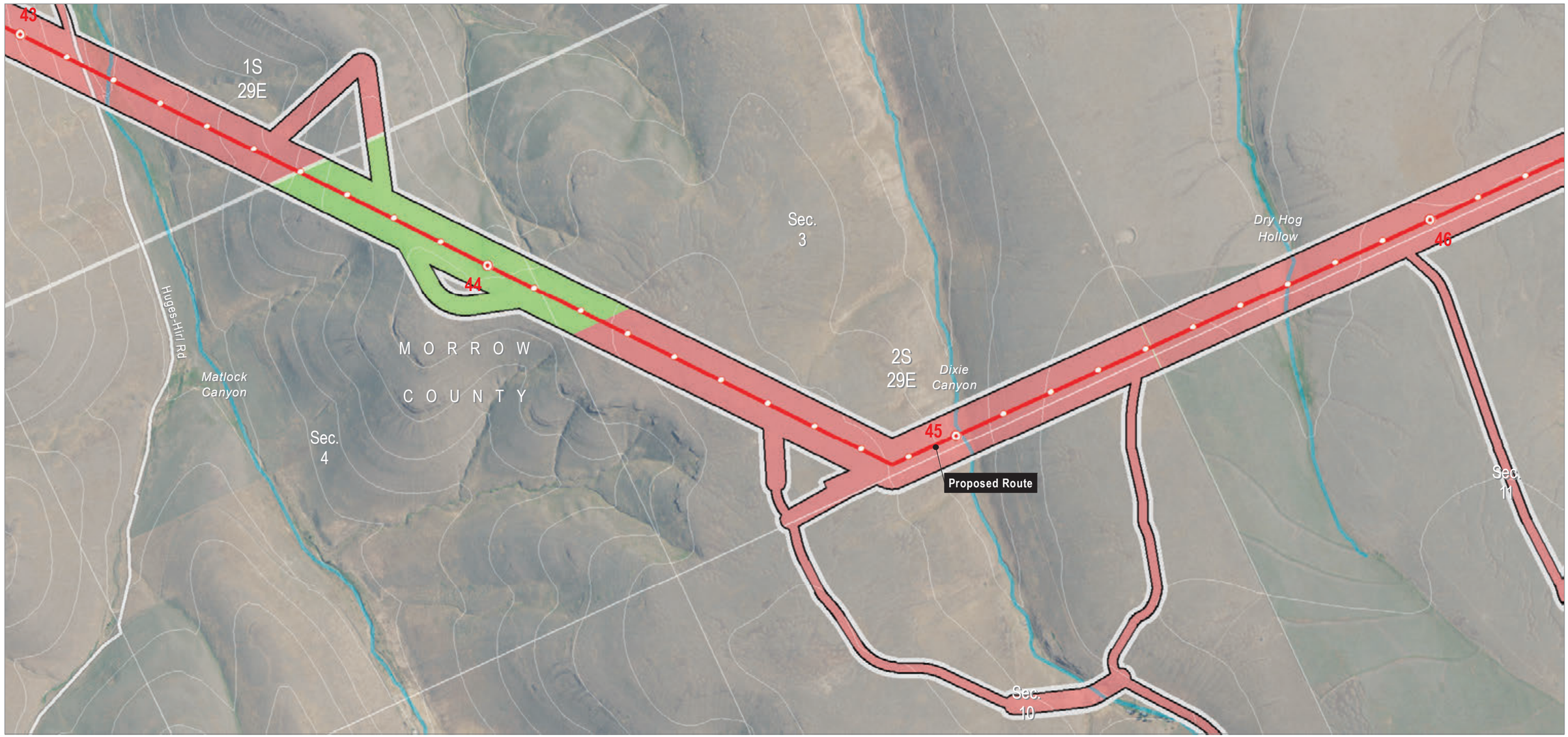
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Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Morrow County

Map 20



0 1,000
Feet

OREGON

Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations
- Surveyed
- Not Surveyed

Project Features
- Site Boundary
- Transmission Centerline

Mileposts
- Mile
- Tenth-mile

Other Features
- 100-foot Contours
- Road
- Stream

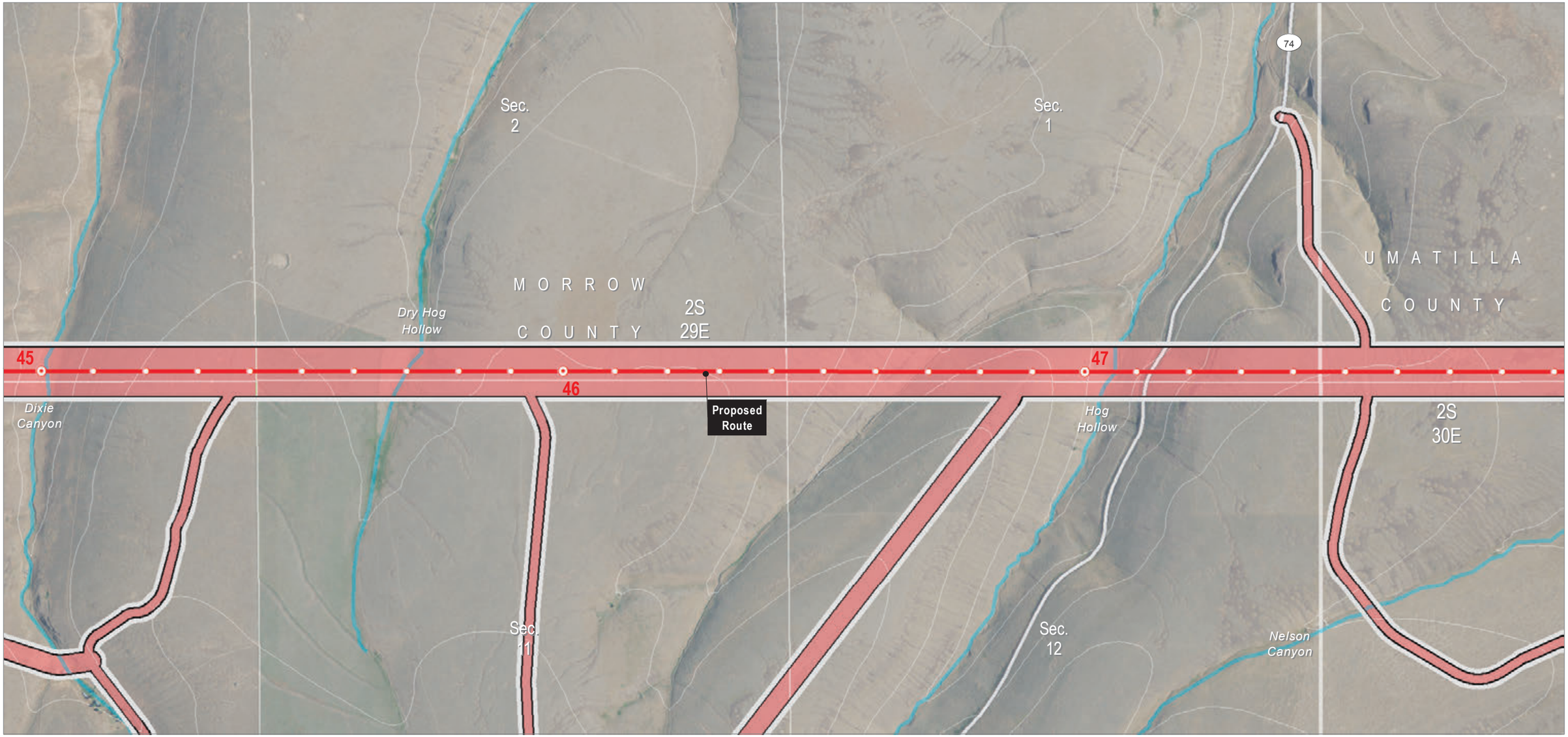
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Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Morrow County

Map 21



0 1,000
Feet

Map Area

OREGON

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations
- Surveyed
- Not Surveyed

Project Features
- Site Boundary
- Transmission Centerline

Mileposts
- Mile
- Tenth-mile

Other Features
- 100-foot Contours
- Road
- Stream

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Surveyed Portions of the Site Boundary
Morrow County

Map 22



0 1,000
Feet

OREGON

Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations

Not Surveyed

Project Features

Site Boundary

Other Features

100-foot Contours

Road

Stream

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Application for Site Certificate

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Surveyed Portions of the Site Boundary
Morrow County

Map 23

Hermiston
Cold Springs Reservoir
Stanfield
Echo
Pendleton
Rieth
McKay Reservoir
UMATILLA RESERVATION
UMATILLA NAT'L FOREST
Pilot Rock
MORROW
UNION
Heppner
Hilgard
Island City
La Grande
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
84
207
11
204
74
395
82
237
244

0 5
Miles

OREGON

Map Area

Source(s): BLM, IPC, Esri

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Map Index

Location Map (Map #)

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Umatilla County

Map Index



0 1,000 Feet

Map Area

OREGON

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations

- Surveyed

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- Site Boundary

Other Features

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

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Surveyed Portions of the Site Boundary
Umatilla County

Map 24



0 1,000
Feet

Map Area

OREGON

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations

- Surveyed

Project Features

- Site Boundary

Other Features

- 100-foot Contours
- Road
- Stream

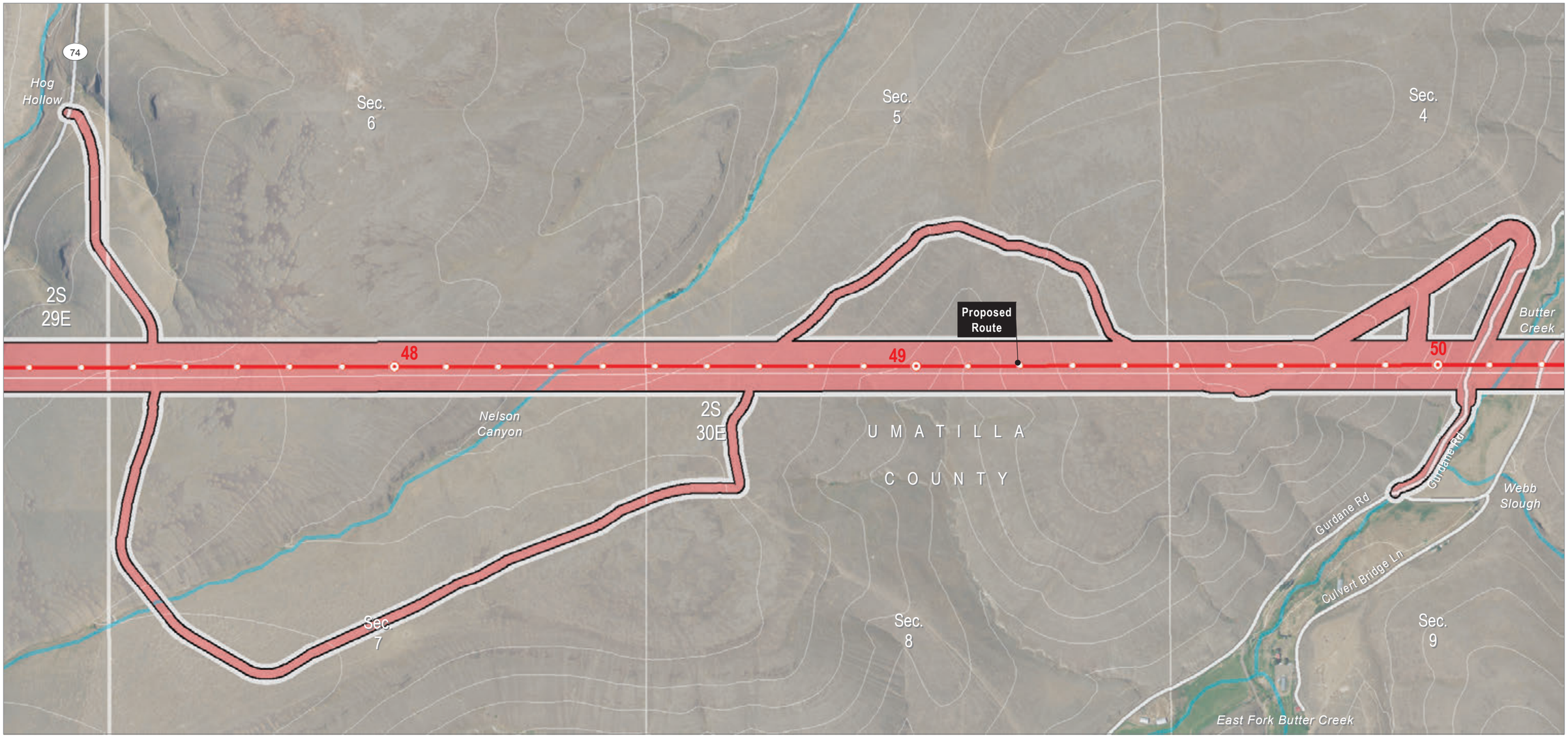
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Surveyed Portions of the Site Boundary
Umatilla County

Map 25



0 1,000
Feet

OREGON

Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations

- Not Surveyed

Project Features

- Site Boundary
- Transmission Centerline

Mileposts

- Mile
- Tenth-mile

Other Features

- 100-foot Contours
- Road
- Stream

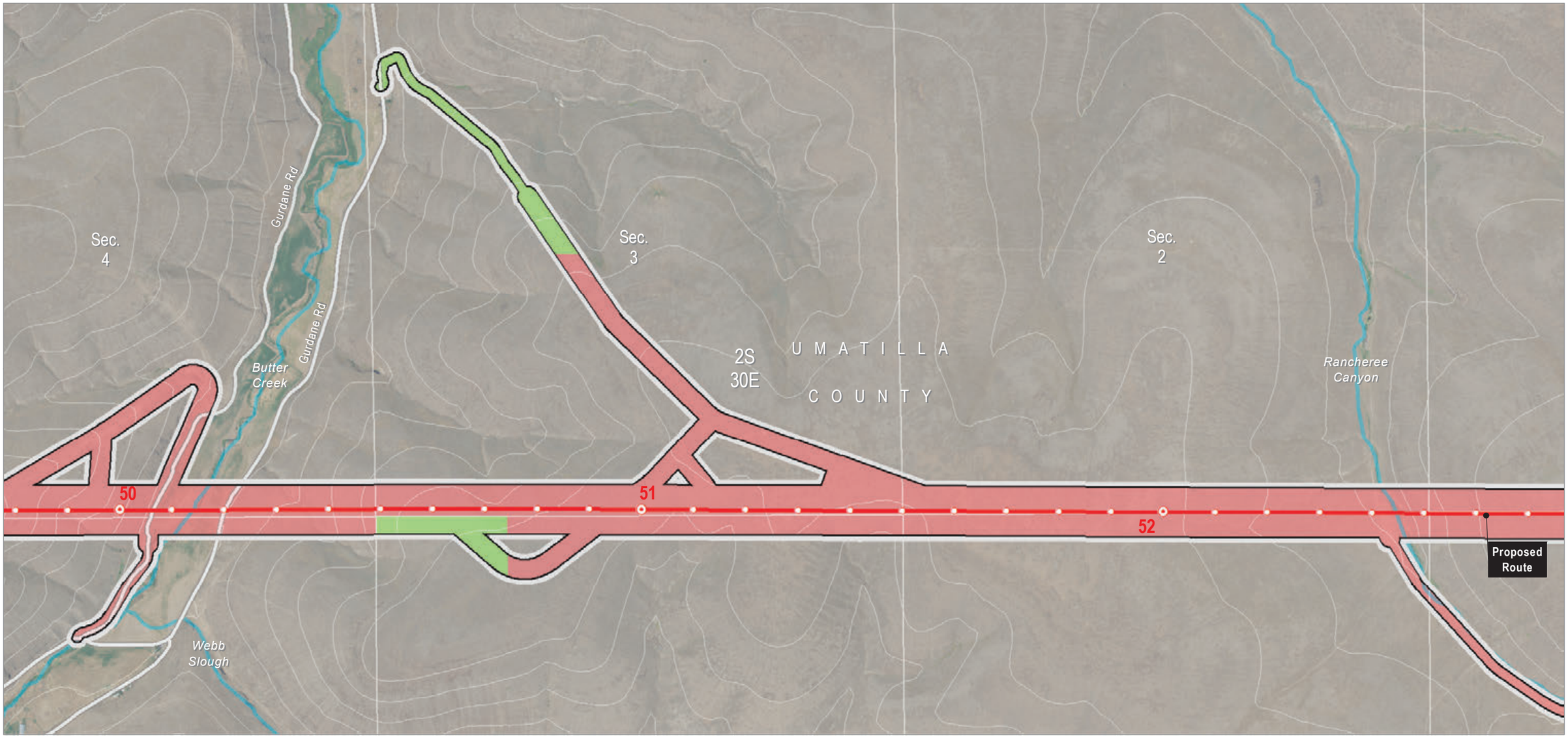
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Surveyed Portions of the Site Boundary
Umatilla County

Map 26



0 1,000
Feet

OREGON

Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations
- Surveyed
- Not Surveyed

Project Features
- Site Boundary
- Transmission Centerline

Mileposts
- Mile
- Tenth-mile

Other Features
- 100-foot Contours
- Road
- Stream

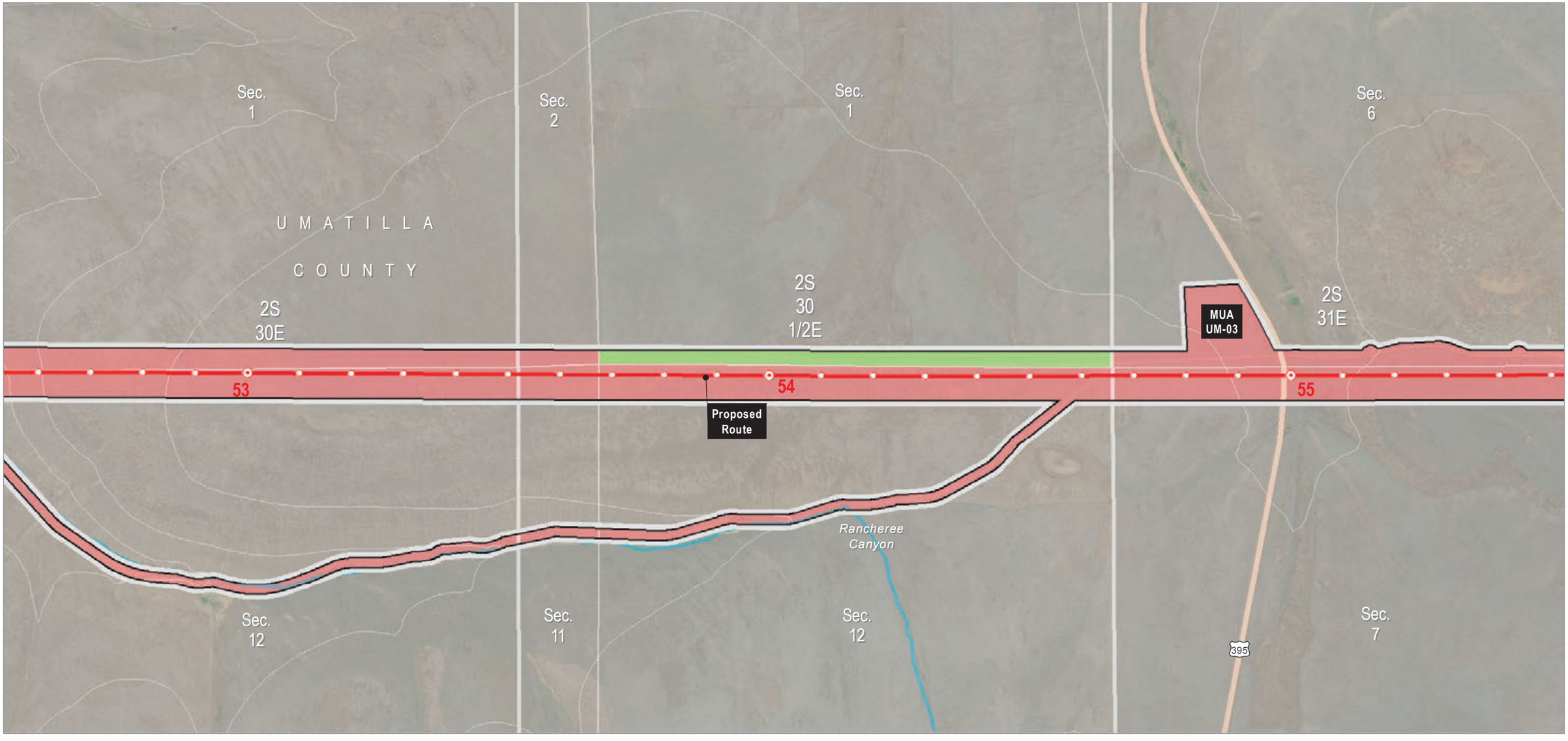
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Umatilla County

Map 27



0 1,000
Feet

Map Area

OREGON

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State
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- Not Surveyed

Project Features
- Site Boundary
- Transmission Centerline

Mileposts
- Mile
- Tenth-mile

Other Features
- 100-foot Contours
- Highway
- Stream

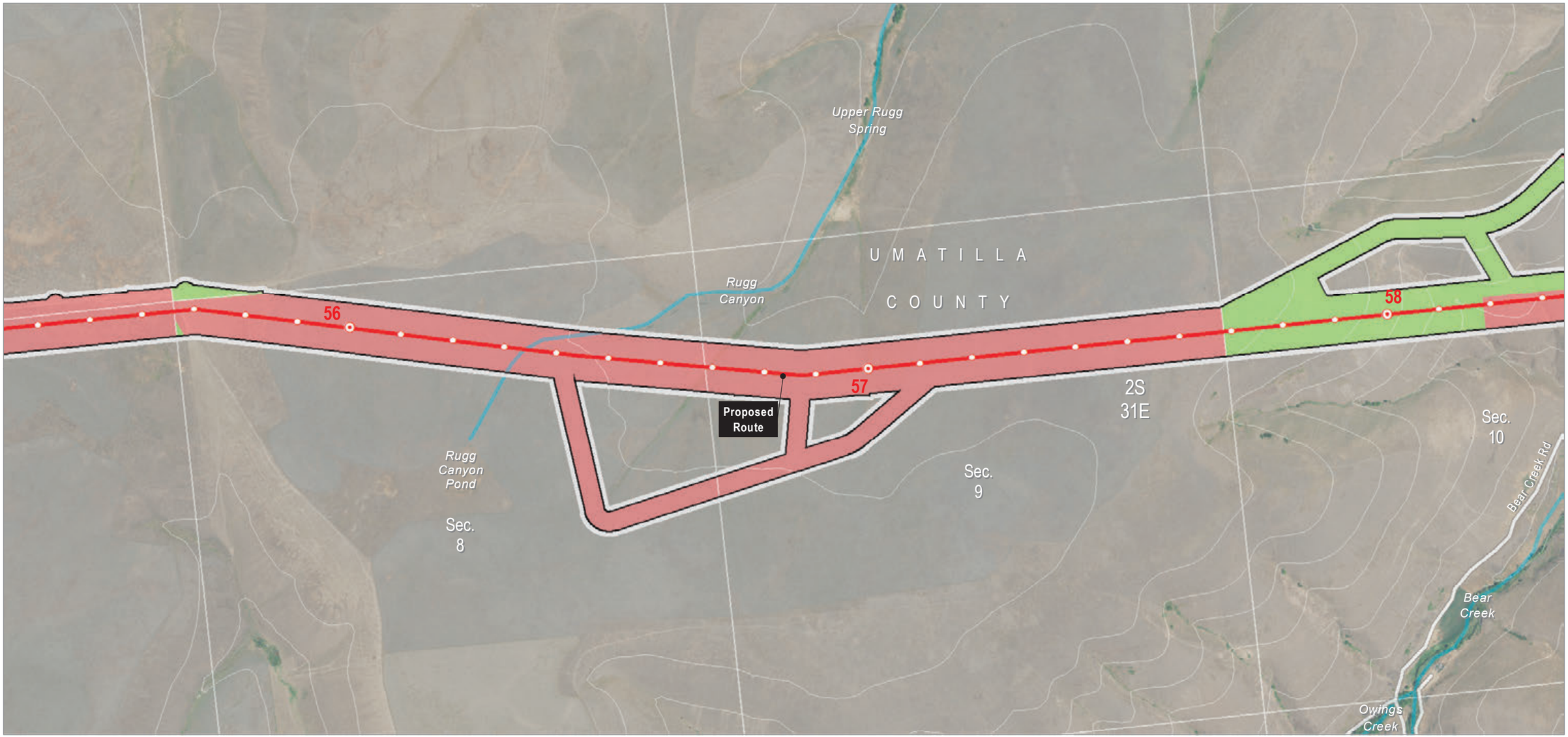
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Wetlands and Waters of the State

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Umatilla County

Map 28



0 1,000
Feet



Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations
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- Not Surveyed

Project Features
- Site Boundary
- Transmission Centerline

Mileposts
- Mile
- Tenth-mile

Other Features
- 100-foot Contours
- Road
- Stream

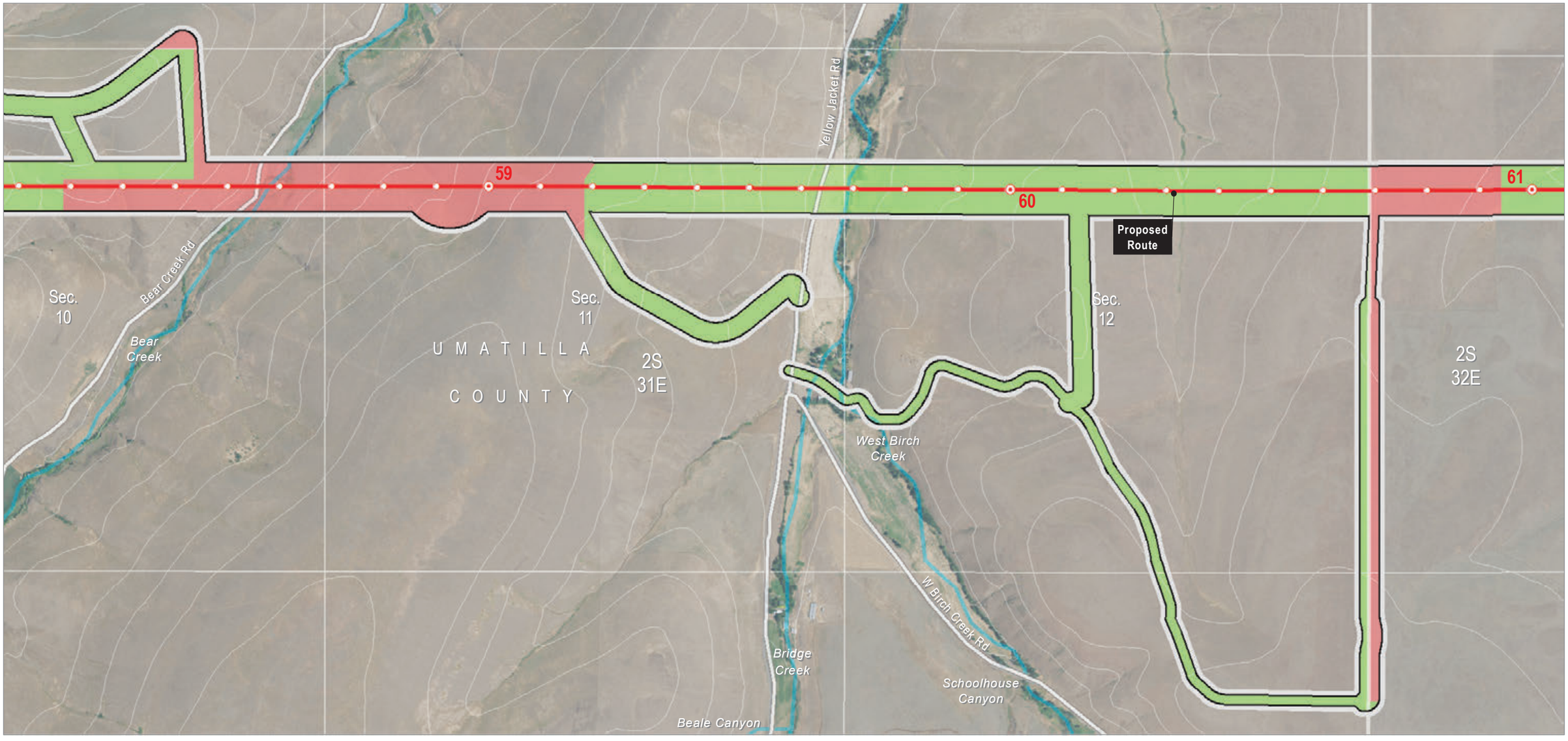
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Surveyed Portions of the Site Boundary
Umatilla County

Map 29



N

0 1,000

Feet

OREGON

Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

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- Transmission Centerline

Mileposts

- Mile
- Tenth-mile

Other Features

- 100-foot Contours
- Road
- Stream

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Surveyed Portions of the Site Boundary
Umatilla County

Map 30



0 1,000
Feet

Map Area

OREGON

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

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- Not Surveyed

Project Features
- Site Boundary
- Transmission Centerline

Mileposts
- Mile
- Tenth-mile

Other Features
- 100-foot Contours
- Road
- Stream

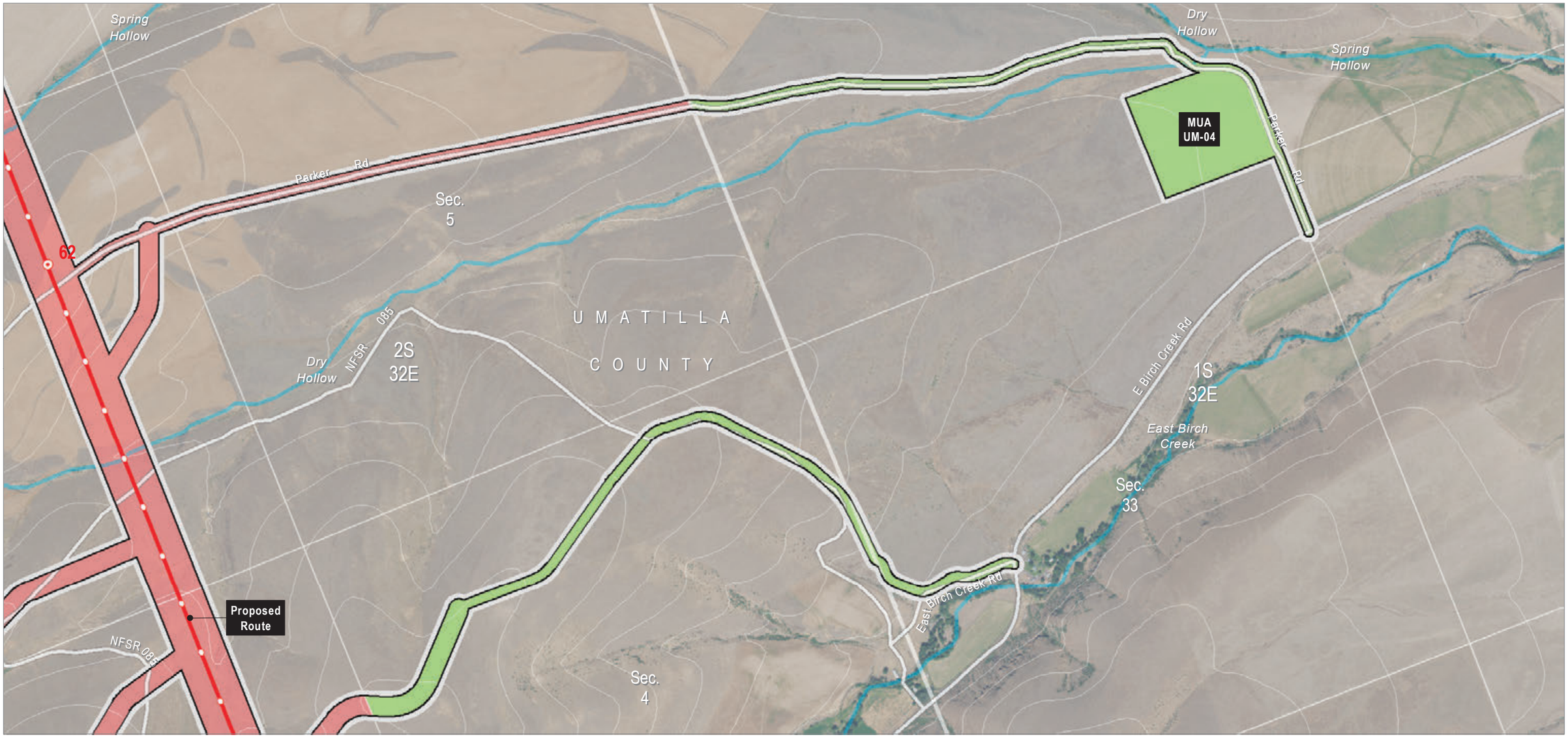
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Surveyed Portions of the Site Boundary
Umatilla County

Map 31



0 1,000
Feet

Map Area

OREGON

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations
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Project Features
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- Transmission Centerline

Mileposts
- Mile
- Tenth-mile

Other Features
- 100-foot Contours
- Road
- Stream

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Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Umatilla County

Map 32

East Birch Creek

E Birch Creek Rd

Sec. 10

Sec. 1

Wegner Creek

64

65

66

67

Proposed Route

2S 32E

UMATILLA COUNTY

Sec. 11

Sec. 12

California Gulch

East Birch Creek

E Birch Creek Rd

0 1,000

Feet

OREGON

Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

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Project Features

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Mileposts

- Mile
- Tenth-mile

Other Features

- 100-foot Contours
- Road
- Stream

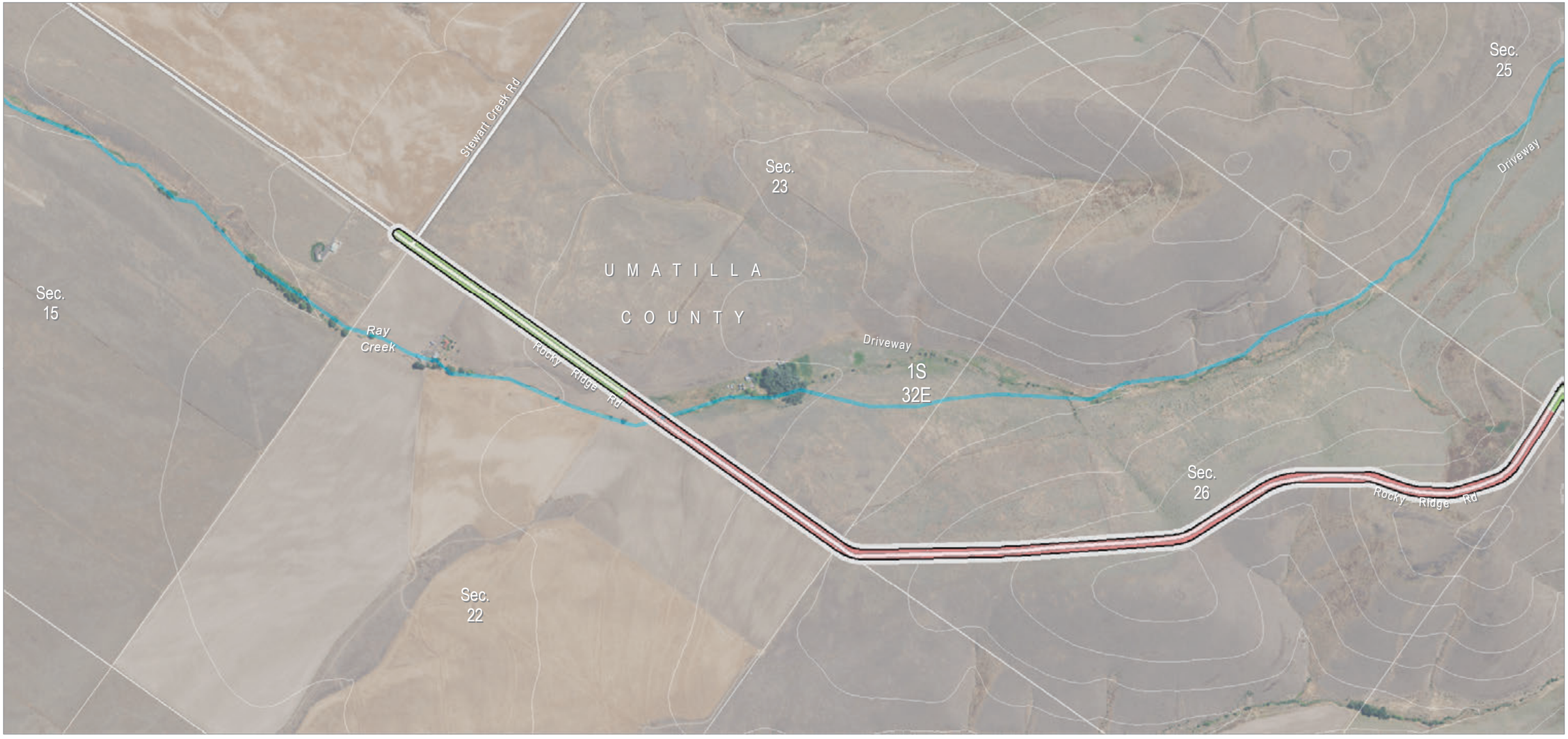
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Surveyed Portions of the Site Boundary
Umatilla County

Map 33



0 1,000
Feet

OREGON

Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations
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- Not Surveyed

Project Features
- Site Boundary

Other Features
- 100-foot Contours
- Road
- Stream

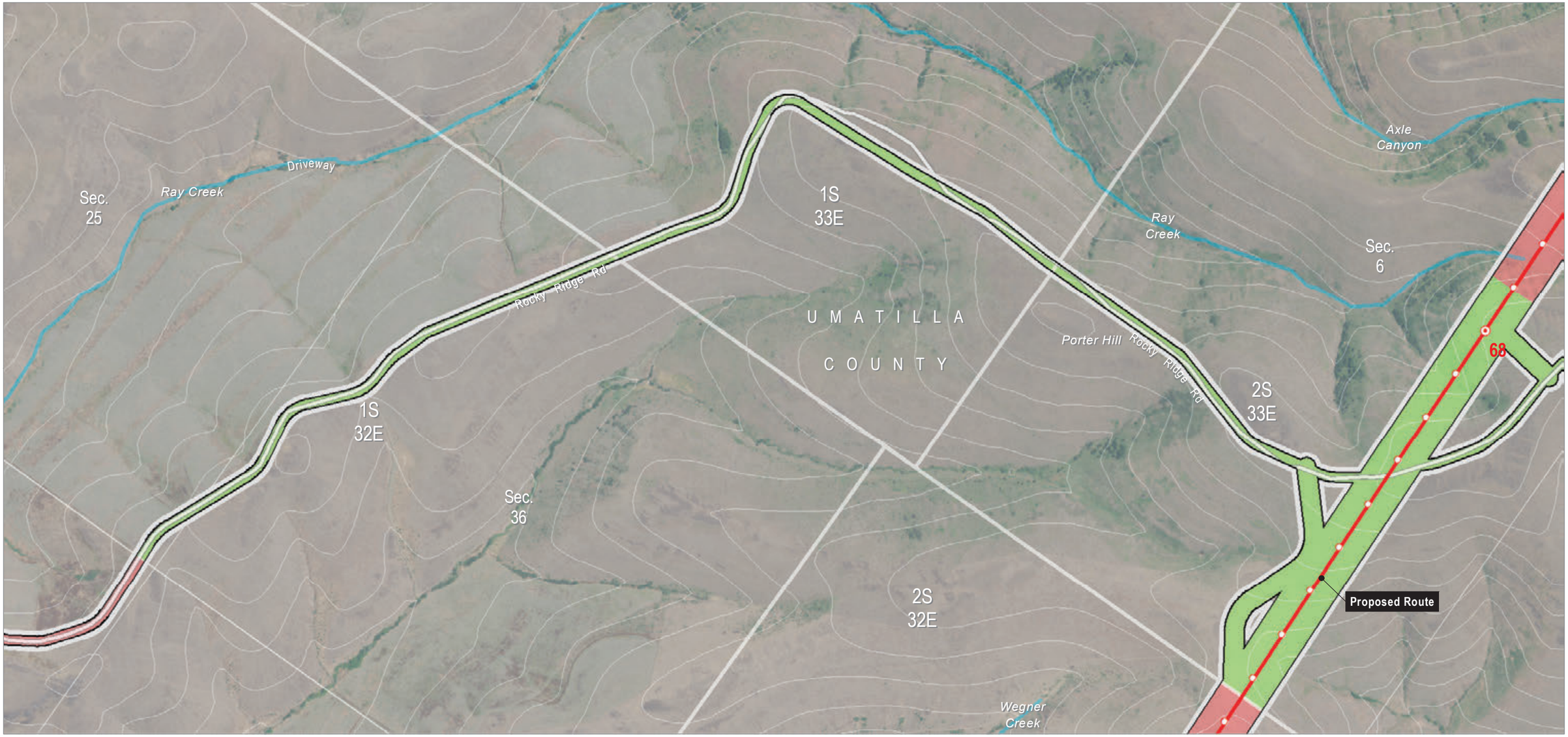
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Umatilla County

Map 34



0 1,000
Feet

Map Area

OREGON

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

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Project Features

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- Transmission Centerline

Mileposts

- Mile
- Tenth-mile

Other Features

- 100-foot Contours
- Road
- Stream

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Umatilla County

Map 35



0 1,000
Feet

OREGON

Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

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Project Features
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Mileposts
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- 100-foot Contours
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Umatilla County

Map 36



0 1,000
Feet

Map Area

OREGON

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations

- Surveyed

Project Features

- Site Boundary

Other Features

- 100-foot Contours
- Road
- Stream

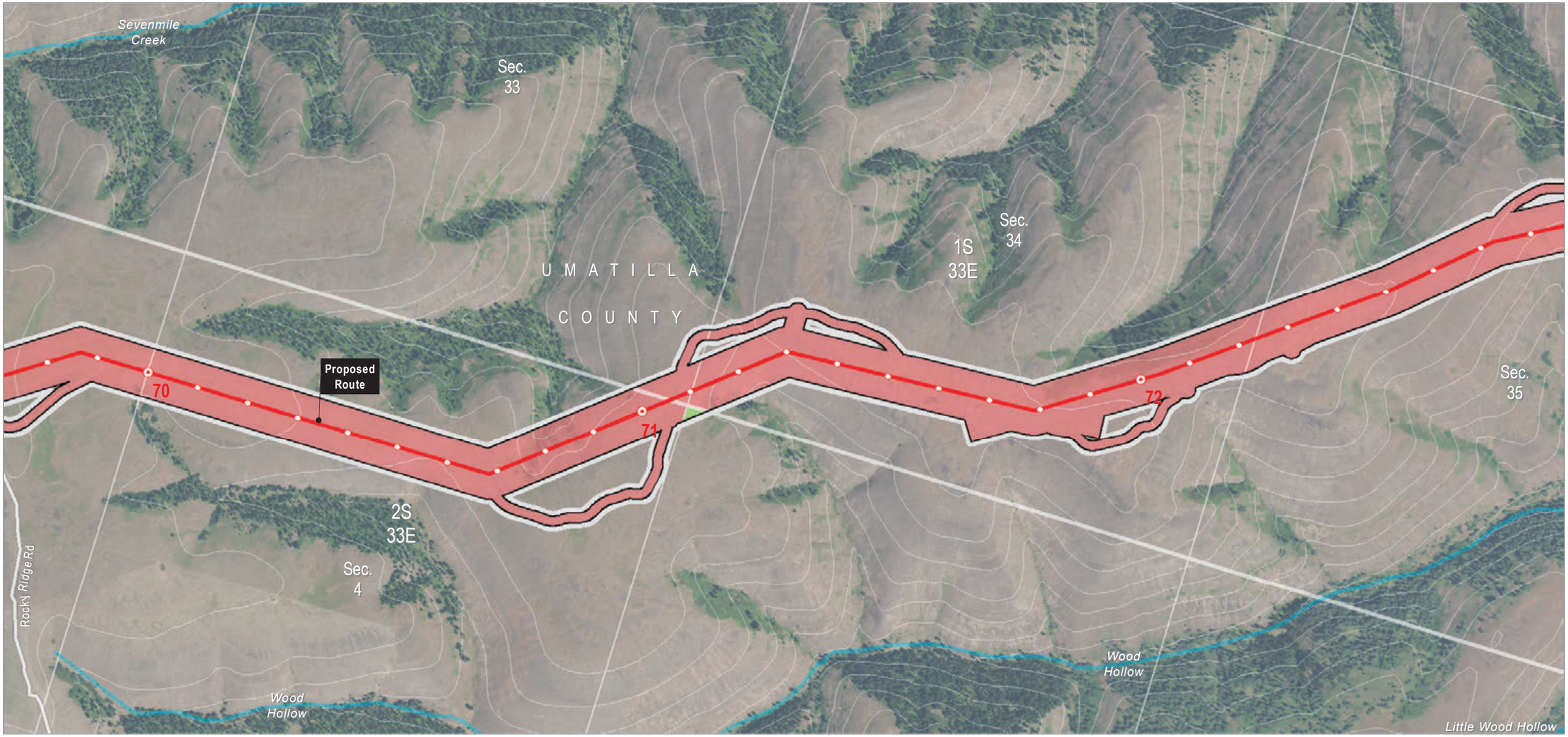
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Umatilla County

Map 37



0 1,000
Feet

OREGON

Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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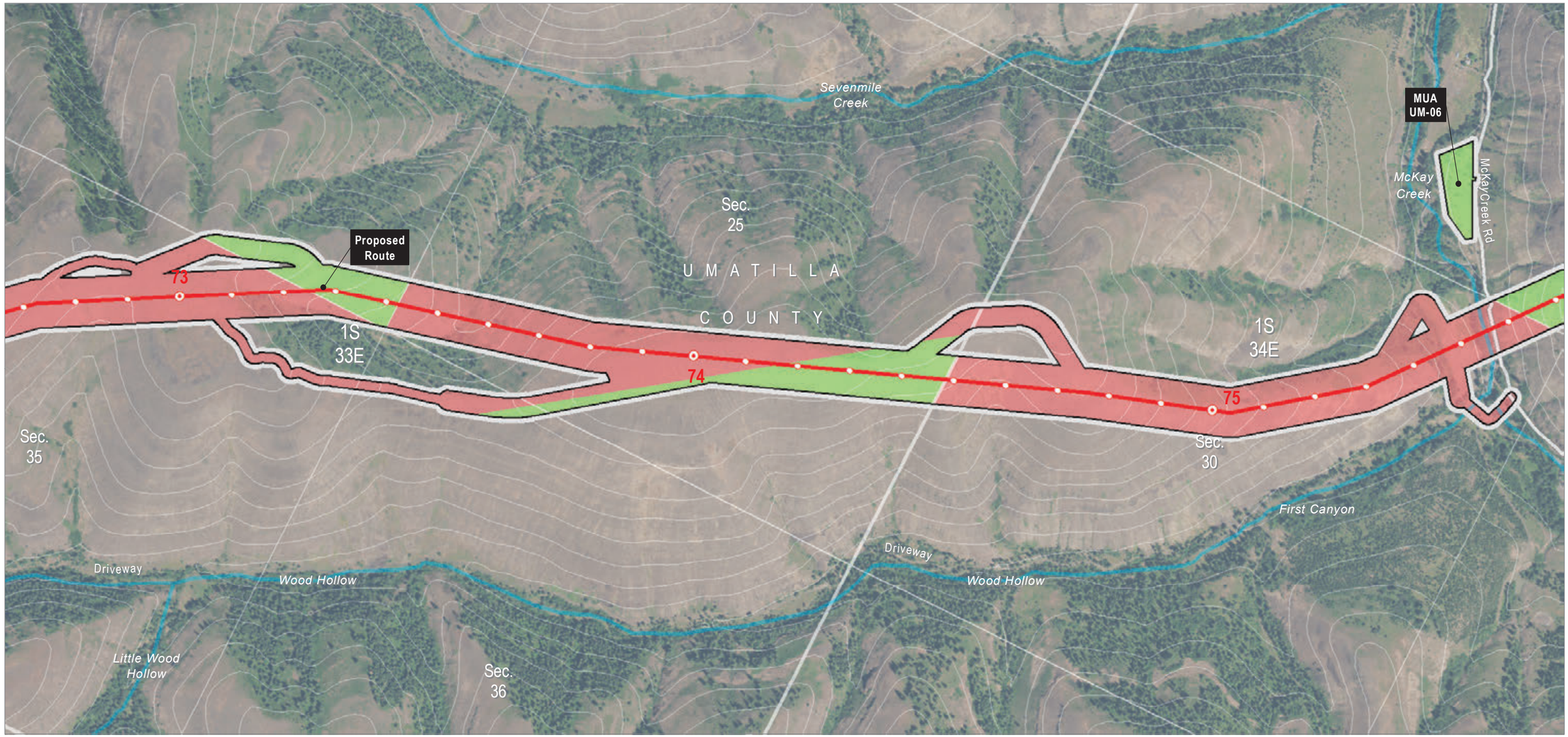
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Surveyed Portions of the Site Boundary
Umatilla County

Map 38



0 1,000
Feet

OREGON

Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State
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- Mile
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Other Features
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- Road
- Stream

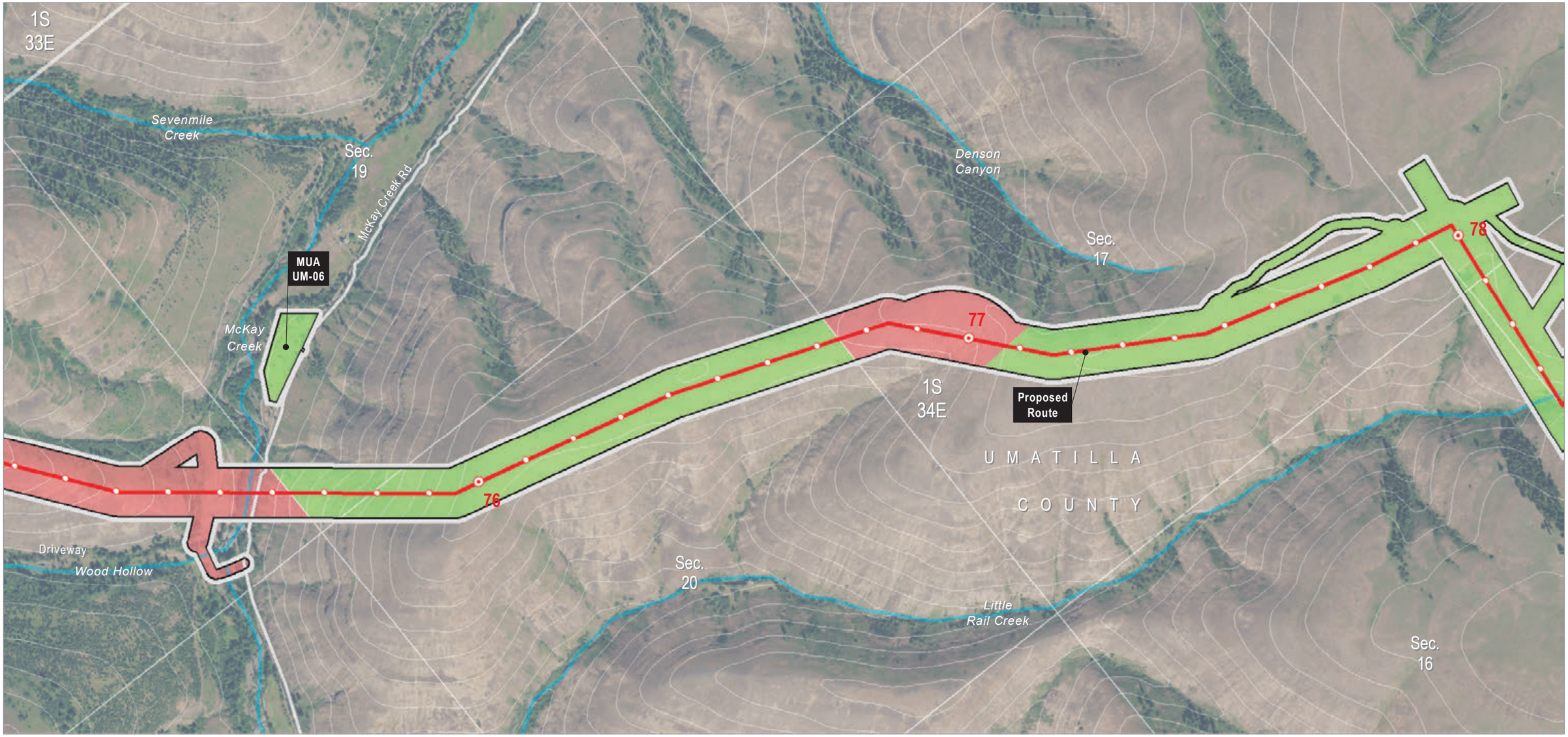
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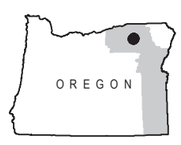
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Surveyed Portions of the Site Boundary
Umatilla County

Map 39



0 1,000
Feet



Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

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- Mile
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Other Features

- 100-foot Contours
- Road
- Stream

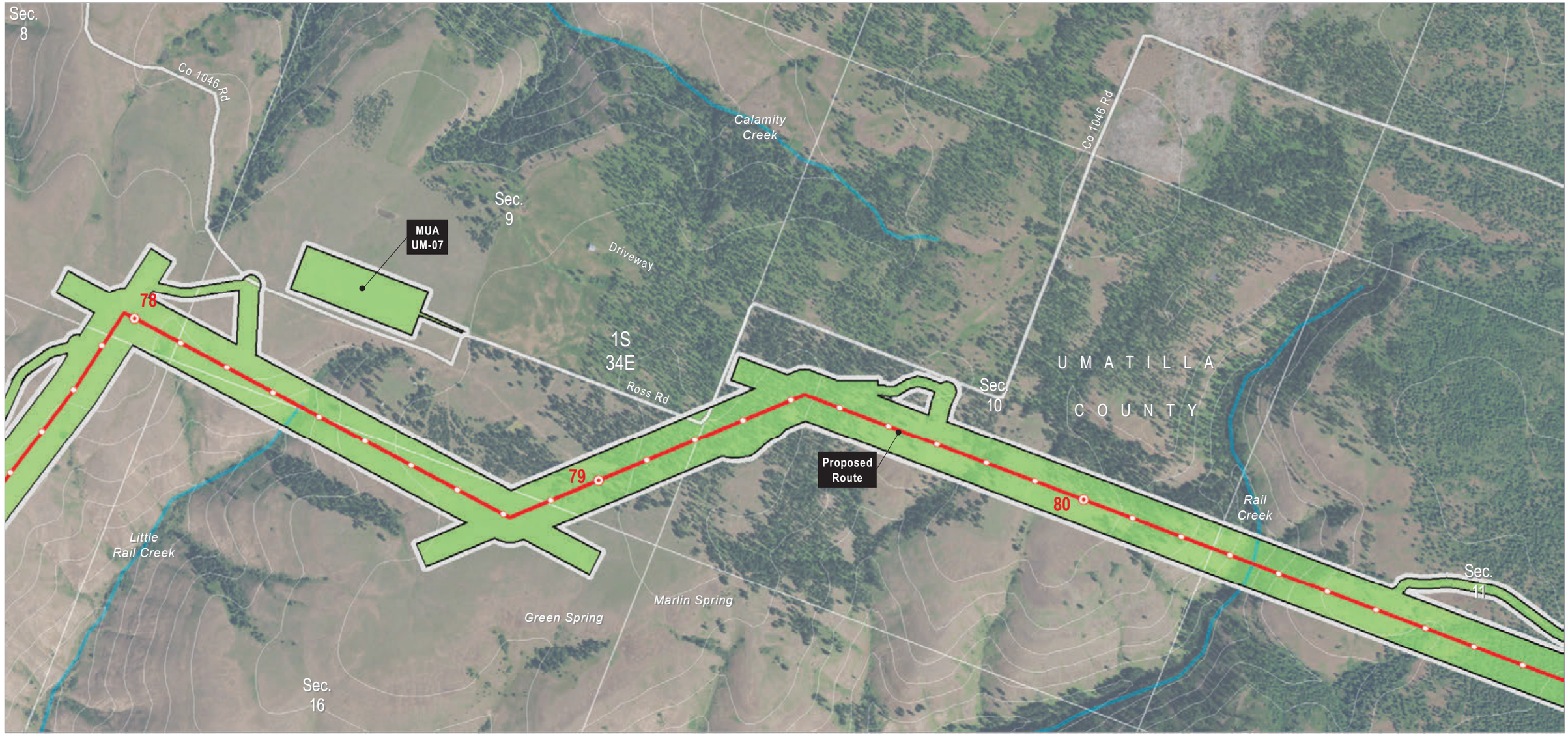
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Surveyed Portions of the Site Boundary
Umatilla County

Map 40



0 1,000
Feet

OREGON

Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State
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Surveyed

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Transmission Centerline
Mileposts
Mile
Tenth-mile

Other Features
100-foot Contours
Road
Stream

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Surveyed Portions of the Site Boundary
Umatilla County

Map 41



0 1,000
Feet

OREGON

Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State
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Surveyed

Project Features
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Transmission Centerline
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Mile
Tenth-mile

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Road
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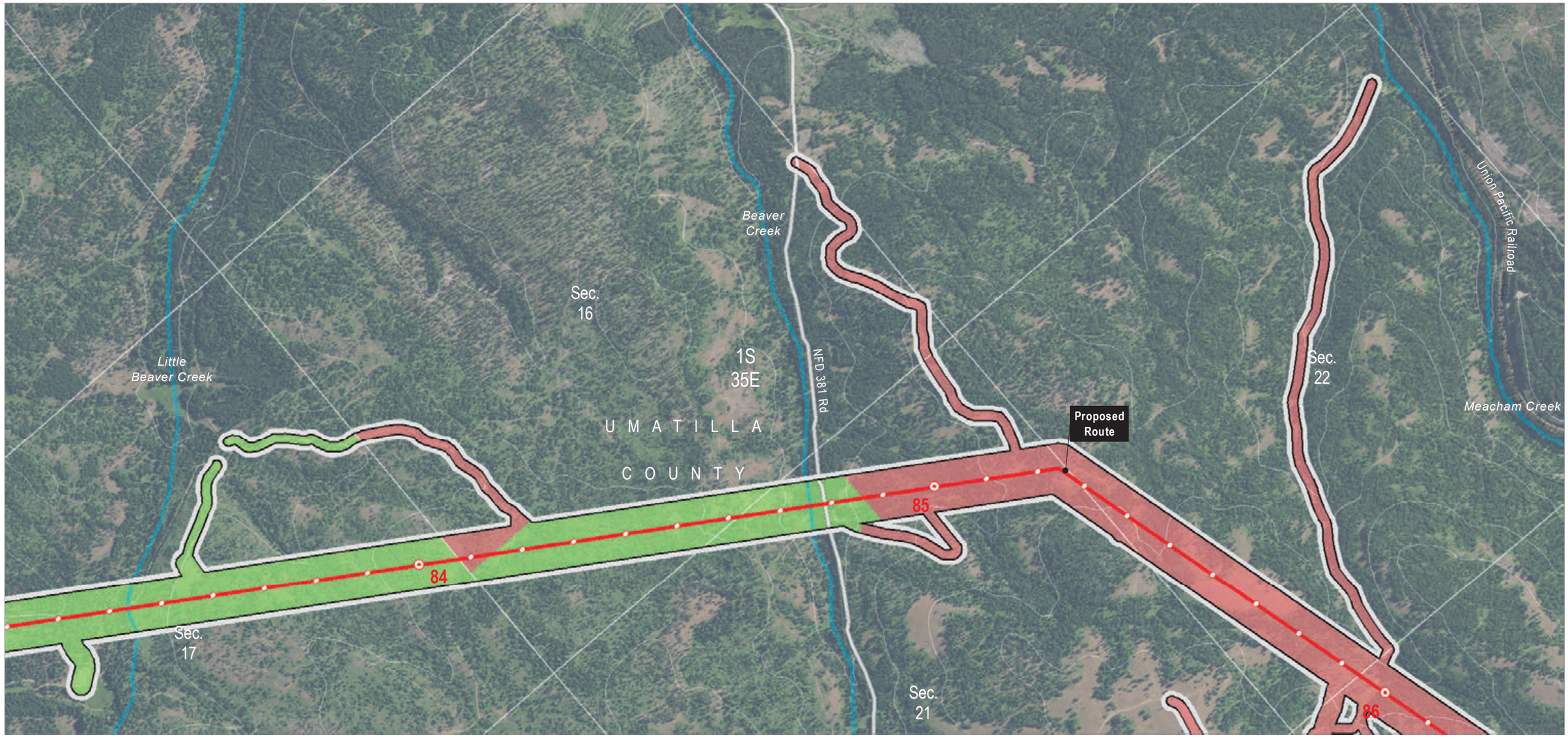
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Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Umatilla County

Map 42



0 1,000
Feet

Map Area

OREGON

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations
- Surveyed
- Not Surveyed

Project Features
- Site Boundary
- Transmission Centerline

Mileposts
- Mile
- Tenth-mile

Other Features
- 100-foot Contours
- Road
- Railroad
- Stream

Boardman to Hemingway Transmission Line Project
Application for Site Certificate

IDAHO POWER
An IDACORP Company

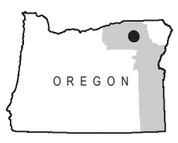
Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Umatilla County

Map 43



0 1,000
Feet



Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations
- Surveyed
- Not Surveyed

Project Features
- Site Boundary
- Transmission Centerline

Mileposts
- Mile
- Tenth-mile

Other Features
- 100-foot Contours
- Road
- Stream

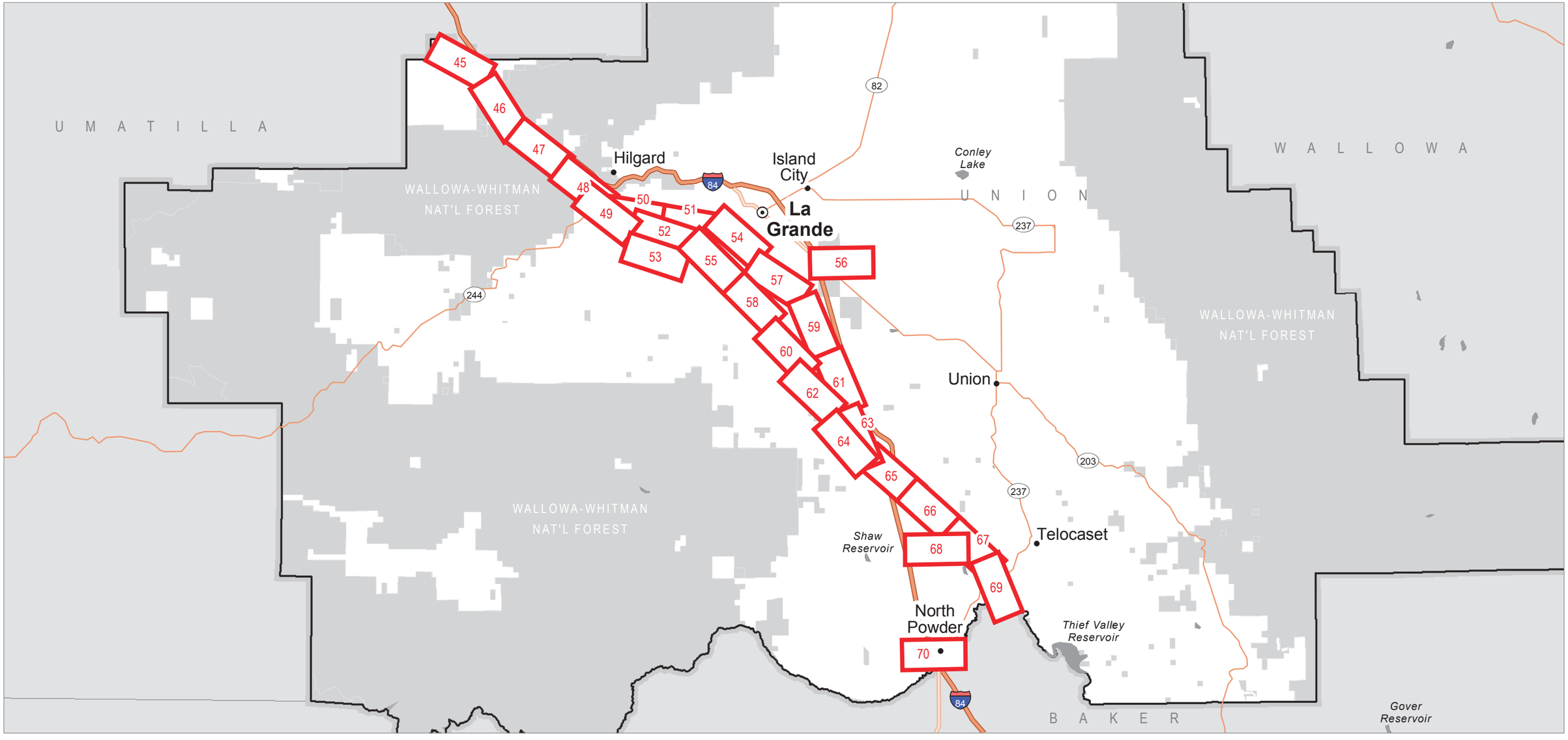
Boardman to Hemingway Transmission Line Project
Application for Site Certificate

IDAHO POWER
An IDACORP Company

Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Umatilla County

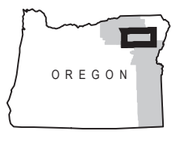
Map 44



0 5
Miles

Source(s): BLM, IPC, Esri

Map Area



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Map Index

Location Map (Map #)

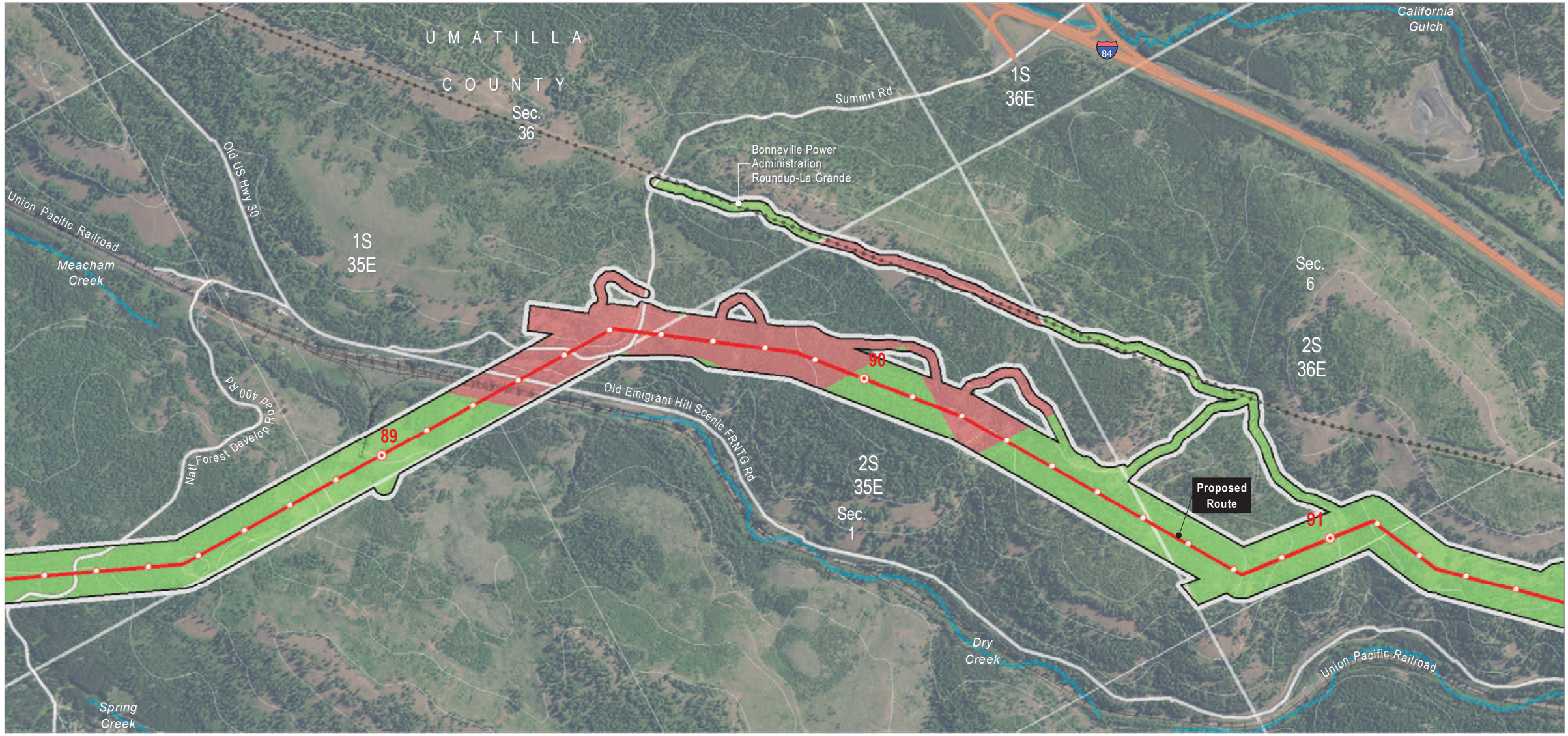
Boardman to Hemingway Transmission Line Project
Application for Site Certificate

IDAHO POWER
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Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Union County

Map Index



0 1,000
Feet

OREGON

Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations
- Surveyed
- Not Surveyed

Project Features
- Site Boundary
- Transmission Centerline

Mileposts
- Mile
- Tenth-mile

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

Boardman to Hemingway Transmission Line Project
Application for Site Certificate

IDAHO POWER
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Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Union County

Map 45



0 1,000
Feet

Map Area

OREGON

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations
- Surveyed
- Not Surveyed

Project Features
- Site Boundary
- Transmission Centerline

Mileposts
- Mile
- Tenth-mile

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

Boardman to Hemingway Transmission Line Project
Application for Site Certificate

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Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Union County

Map 46



0 1,000 Feet

Map Area

OREGON

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations
- Surveyed
- Not Surveyed

Project Features
- Site Boundary
- Transmission Centerline

Mileposts
- Mile
- Tenth-mile

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

Boardman to Hemingway Transmission Line Project
Application for Site Certificate

IDAHO POWER
An IDACORP Company

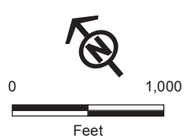
Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Union County

Map 47



Map Area



0 1,000
Feet

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations
- Surveyed
- Not Surveyed

Project Features
- Site Boundary
- Transmission Centerline
- Alternative

Mileposts
- Mile
- Tenth-mile

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

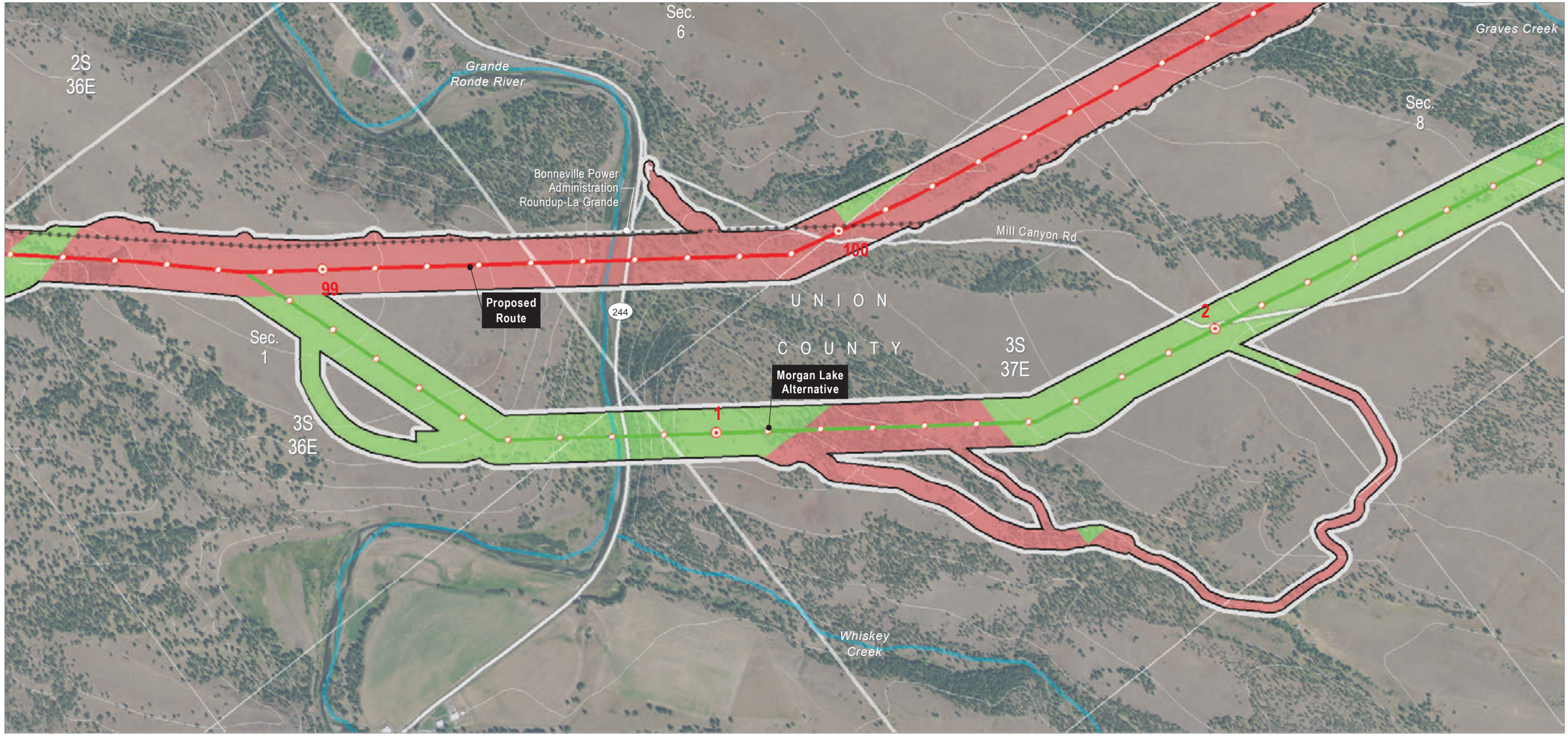
Boardman to Hemingway Transmission Line Project
Application for Site Certificate

IDAHO POWER
An IDACORP Company

Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Union County

Map 48



0 1,000
Feet

OREGON

Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations
- Surveyed
- Not Surveyed

Project Features
- Site Boundary
- Transmission Centerline
- Alternative

Mileposts
- Mile
- Tenth-mile

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

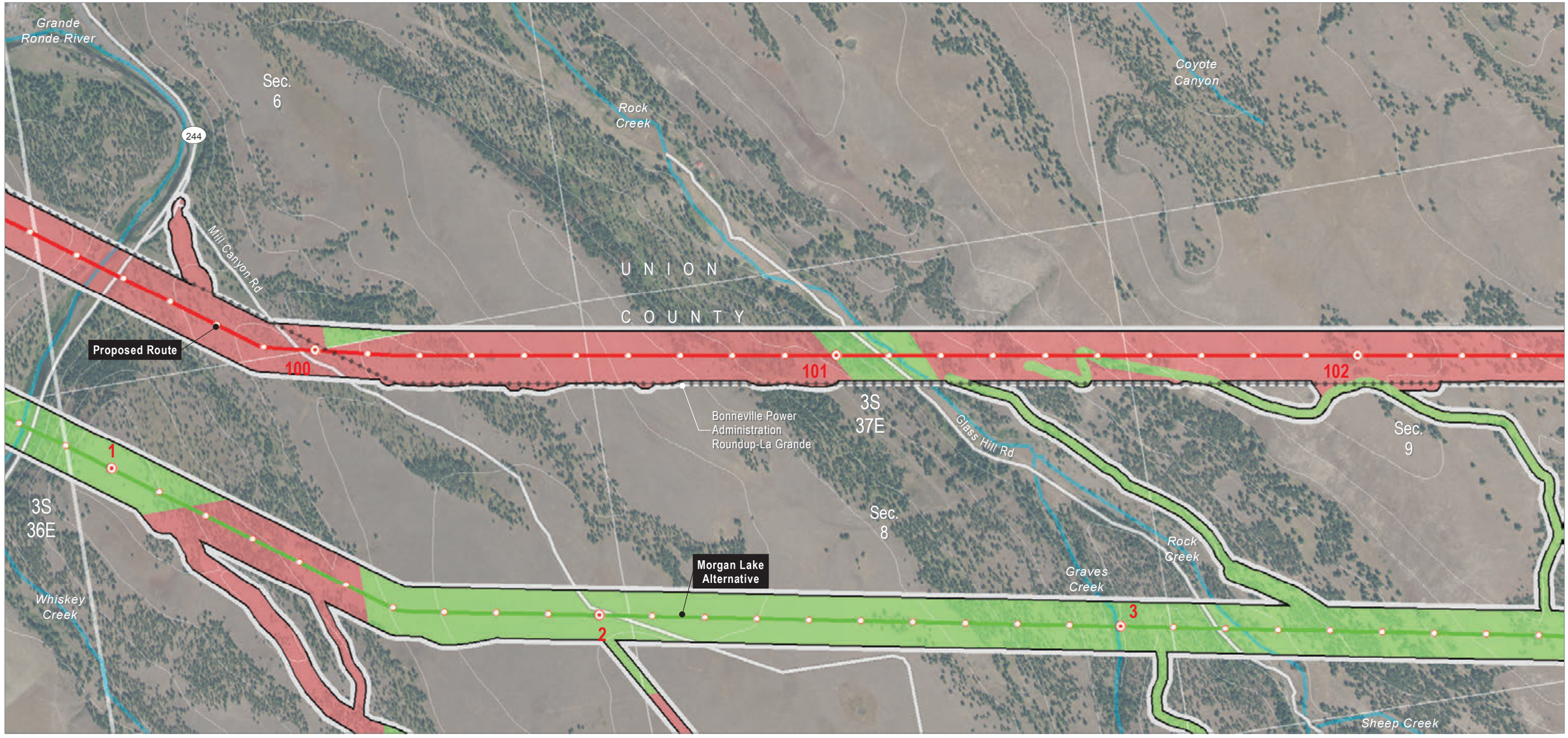
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IDAHO POWER
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Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Union County

Map 49



0 1,000
Feet

OREGON

Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations
- Surveyed
- Not Surveyed

Project Features
- Site Boundary
- Transmission Centerline
- Alternative

Mileposts
- Mile
- Tenth-mile

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

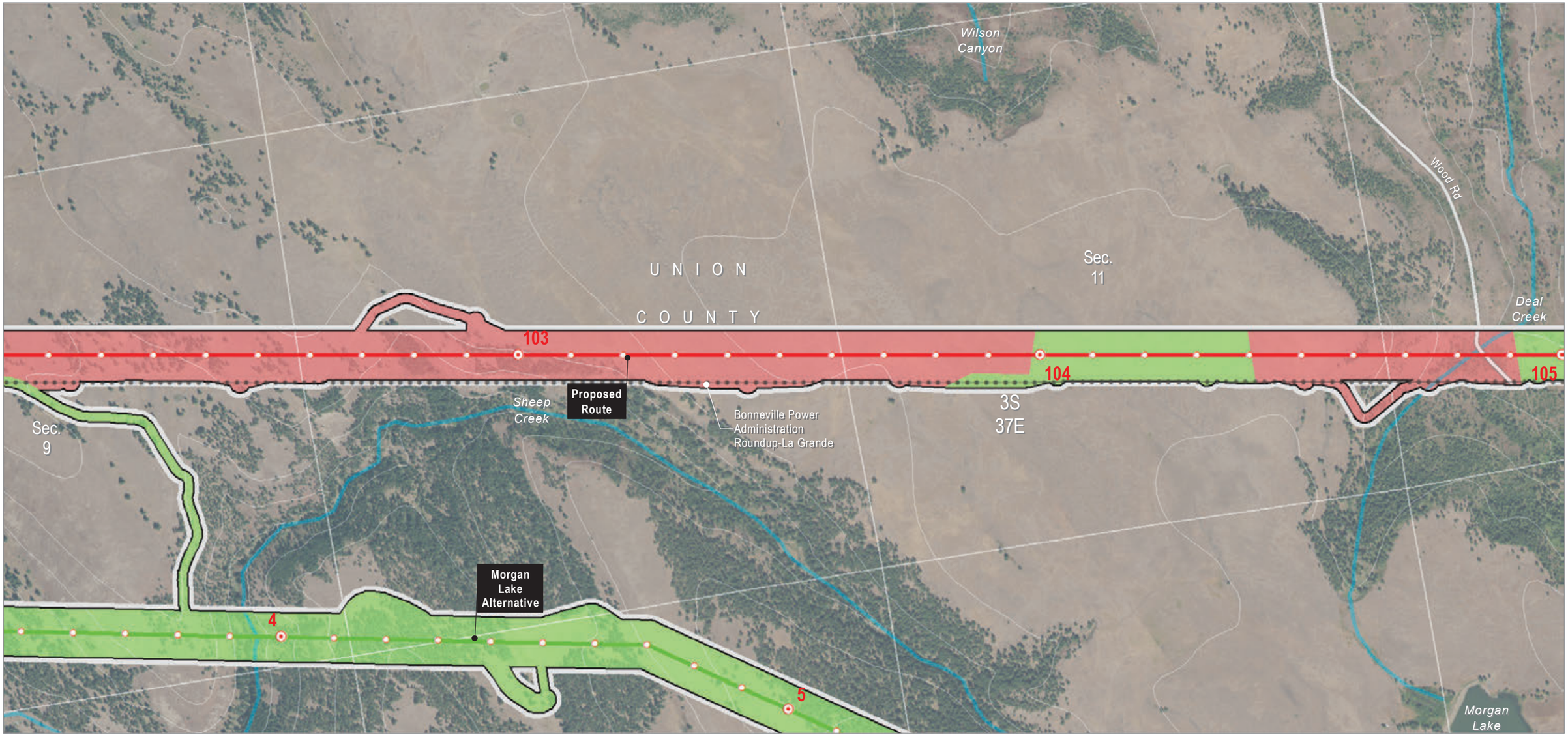
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Application for Site Certificate

IDAHO POWER
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Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Union County

Map 50



0 1,000
Feet

Map Area

OREGON

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations
- Surveyed
- Not Surveyed

Project Features
- Site Boundary
- Transmission Centerline
- Alternative

Mileposts
- Mile
- Tenth-mile

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

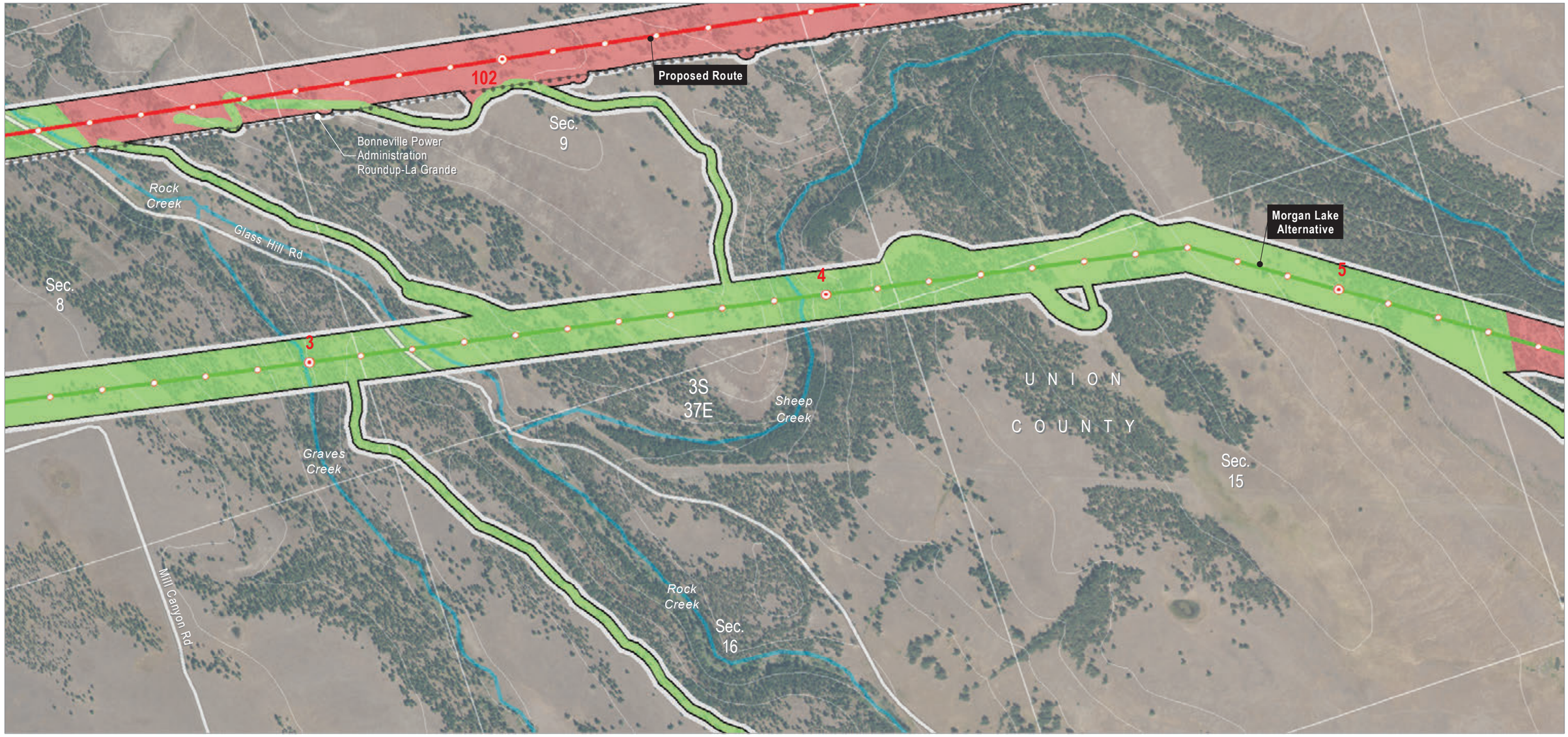
Boardman to Hemingway Transmission Line Project
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IDAHO POWER
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Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Union County

Map 51



0 1,000
Feet

OREGON

Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations
- Surveyed
- Not Surveyed

Project Features
- Site Boundary
- Transmission Centerline
- Alternative

Mileposts
- Mile
- Tenth-mile

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

Boardman to Hemingway Transmission Line Project
Application for Site Certificate

IDAHO POWER
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Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Union County

Map 52



0 1,000
Feet

OREGON

Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations

Surveyed

Project Features

Site Boundary

Other Features

100-foot Contours

Road

Stream

Boardman to Hemingway Transmission Line Project
Application for Site Certificate

IDAHO POWER
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Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Union County

Map 53



0 1,000
Feet

OREGON

Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations
- Surveyed
- Not Surveyed

Project Features
- Site Boundary
- Transmission Centerline

Mileposts
- Mile
- Tenth-mile

Other Features
- 100-foot Contours
- Existing Transmission Lines
- Road
- Stream
- City Limits

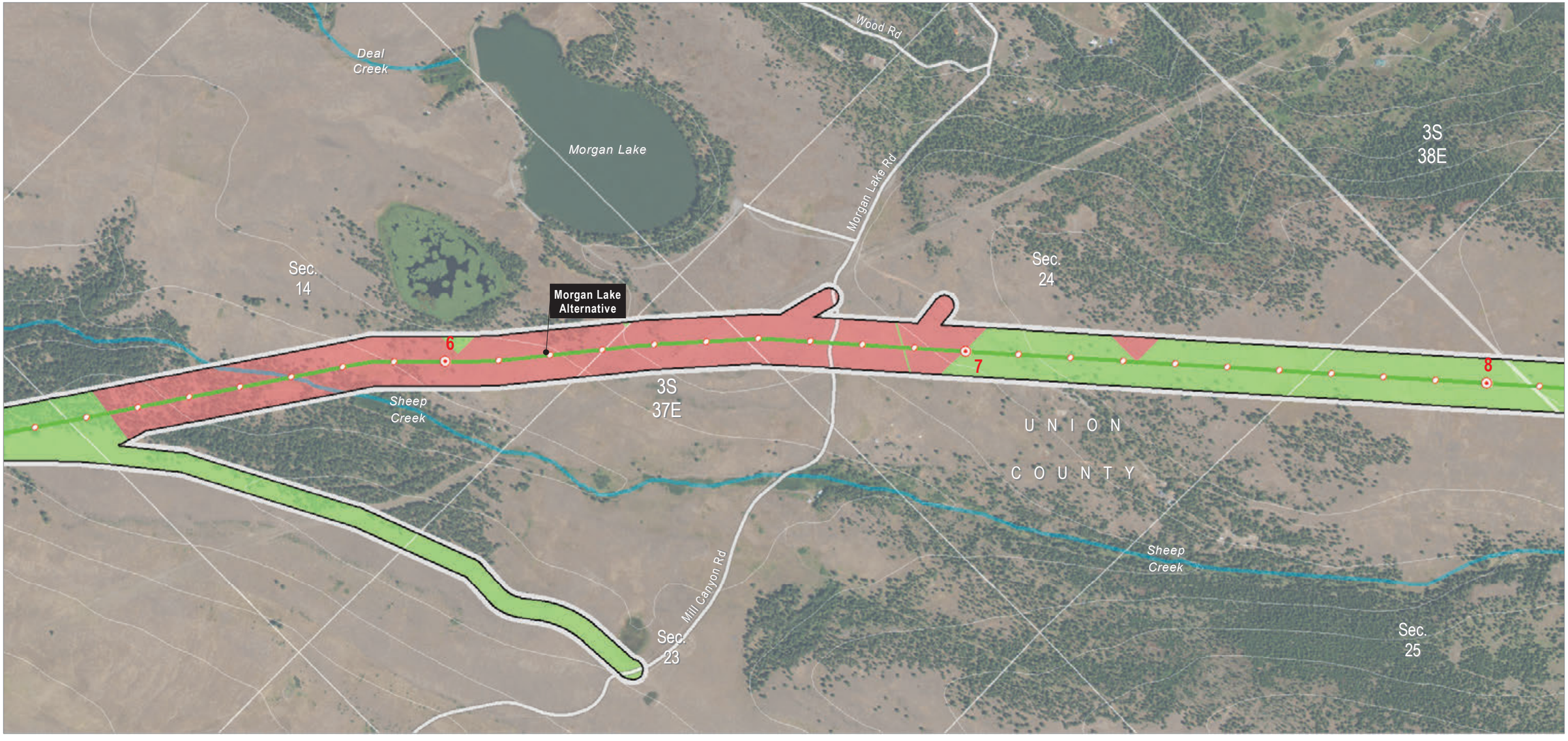
Boardman to Hemingway Transmission Line Project
Application for Site Certificate

IDAHO POWER
An IDACORP Company

Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Union County

Map 54



0 1,000
Feet

Map Area



Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State
Surveyed Locations
- Surveyed
- Not Surveyed

Project Features
- Site Boundary
- Alternative

Mileposts
- Mile
- Tenth-mile

Other Features
- 100-foot Contours
- Road
- Stream

Boardman to Hemingway Transmission Line Project
Application for Site Certificate

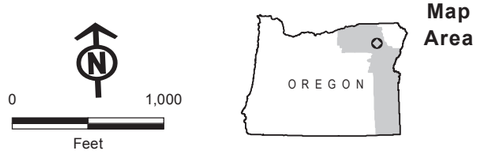
IDAHO POWER
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Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Union County

Map 55

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Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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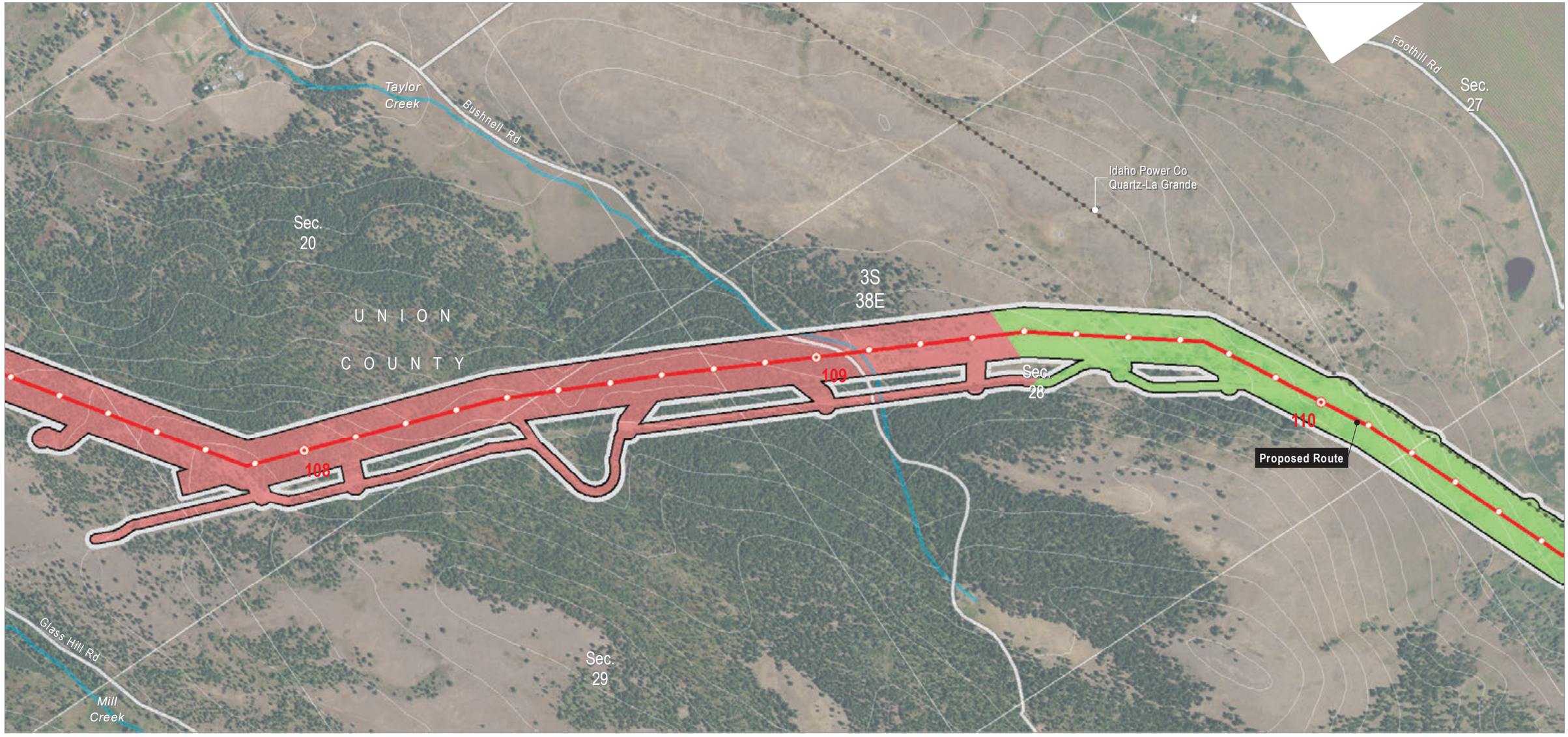
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IDAHO POWER
An IDACORP Company

Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Union County

Map 56



0 1,000
Feet

OREGON

Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State
Surveyed Locations
- Surveyed
- Not Surveyed

Project Features
- Site Boundary
- Transmission Centerline

Mileposts
- Mile
- Tenth-mile

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

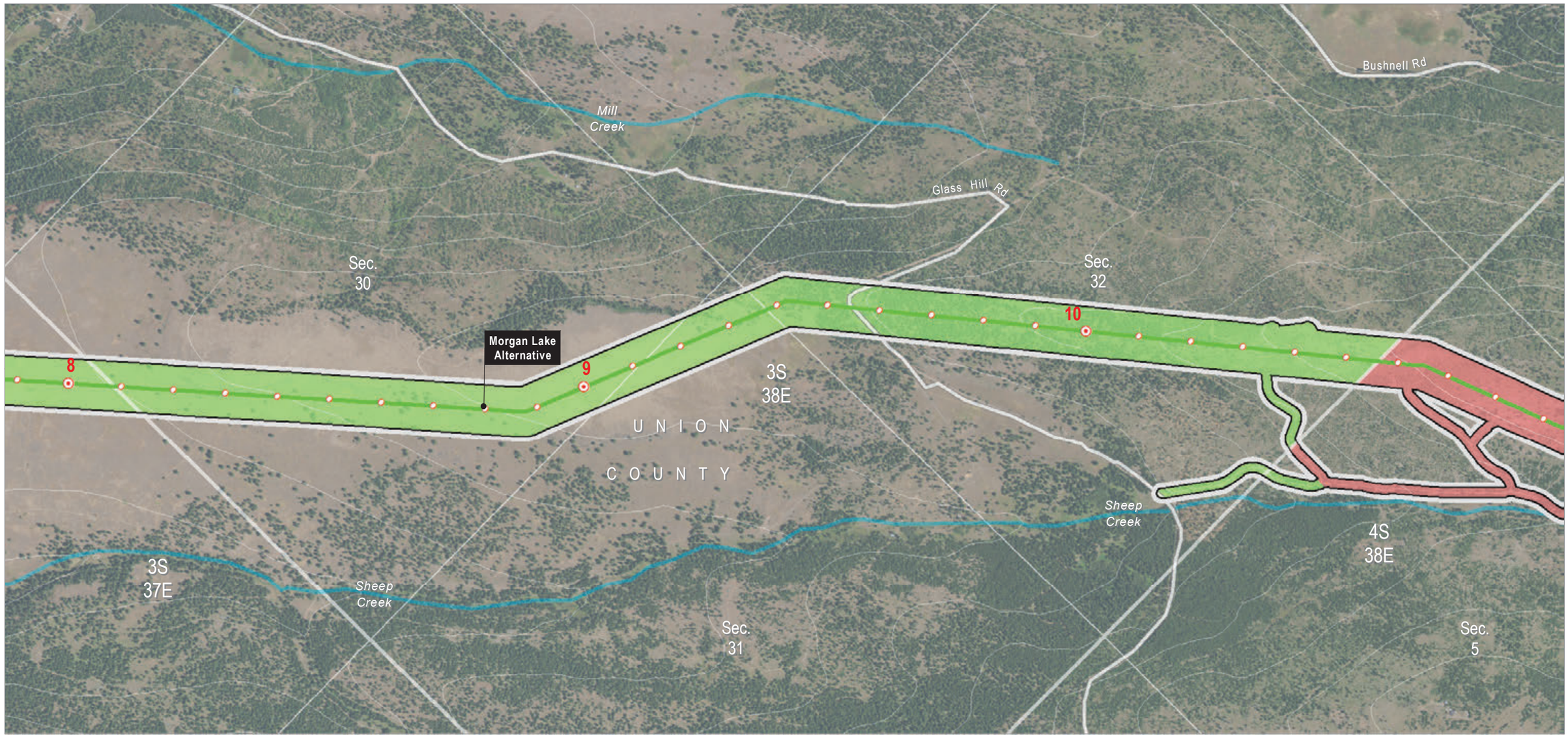
Boardman to Hemingway Transmission Line Project
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IDAHO POWER
An IDACORP Company

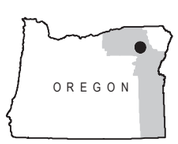
Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Union County

Map 57



0 1,000
Feet



Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations
- Surveyed
- Not Surveyed

Project Features
- Site Boundary
- Alternative

Mileposts
- Mile
- Tenth-mile

Other Features
- 100-foot Contours
- Road
- Stream

Boardman to Hemingway Transmission Line Project
Application for Site Certificate

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An IDACORP Company

Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Union County

Map 58



0 1,000 Feet

OREGON

Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations
- Surveyed
- Not Surveyed

Project Features
- Site Boundary
- Transmission Centerline

Mileposts
- Mile
- Tenth-mile

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

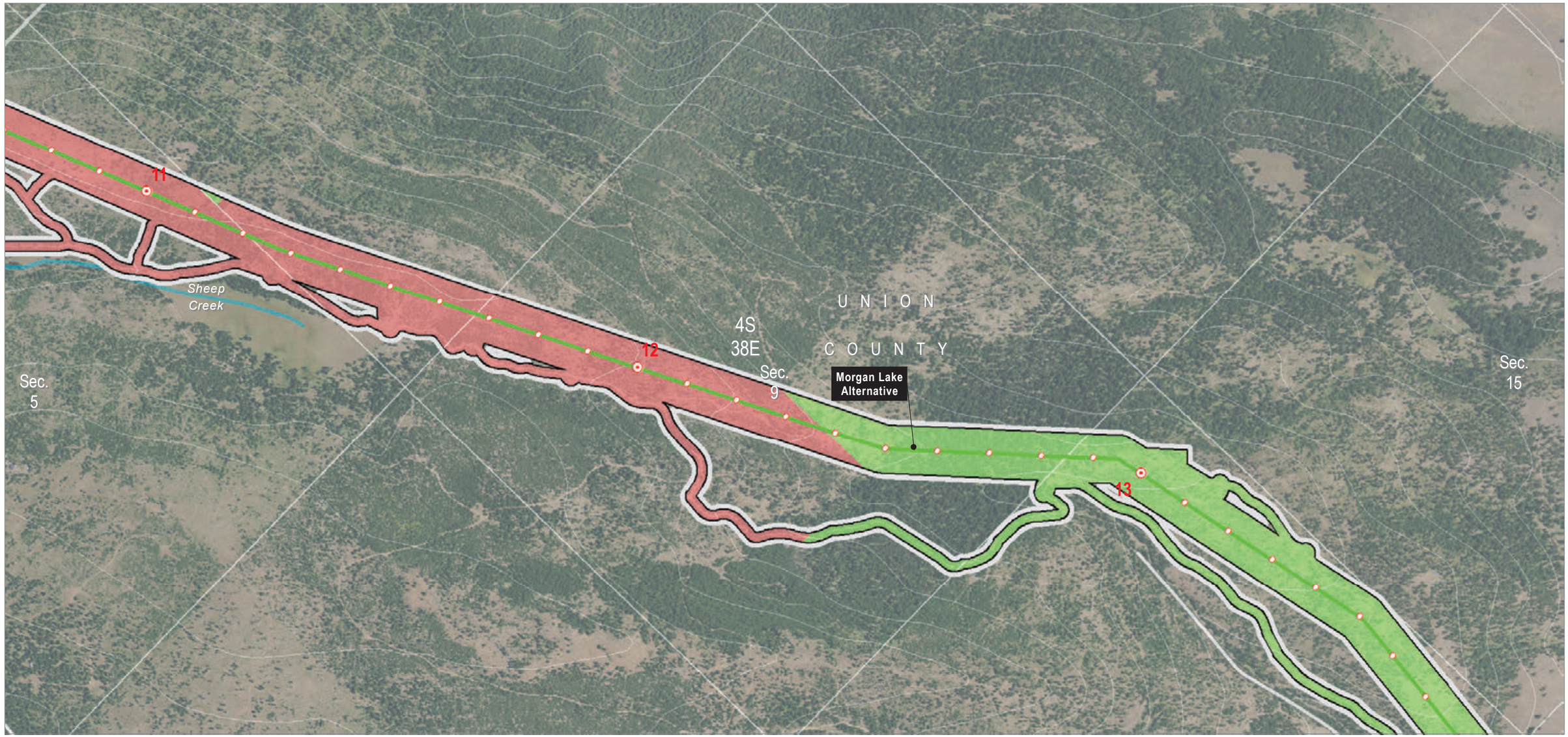
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Application for Site Certificate

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Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Union County

Map 59



0 1,000
Feet

Map Area



Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations
- Surveyed
- Not Surveyed

Project Features
- Site Boundary
- Alternative

Mileposts
- Mile
- Tenth-mile

Other Features
- 100-foot Contours
- Road
- Stream

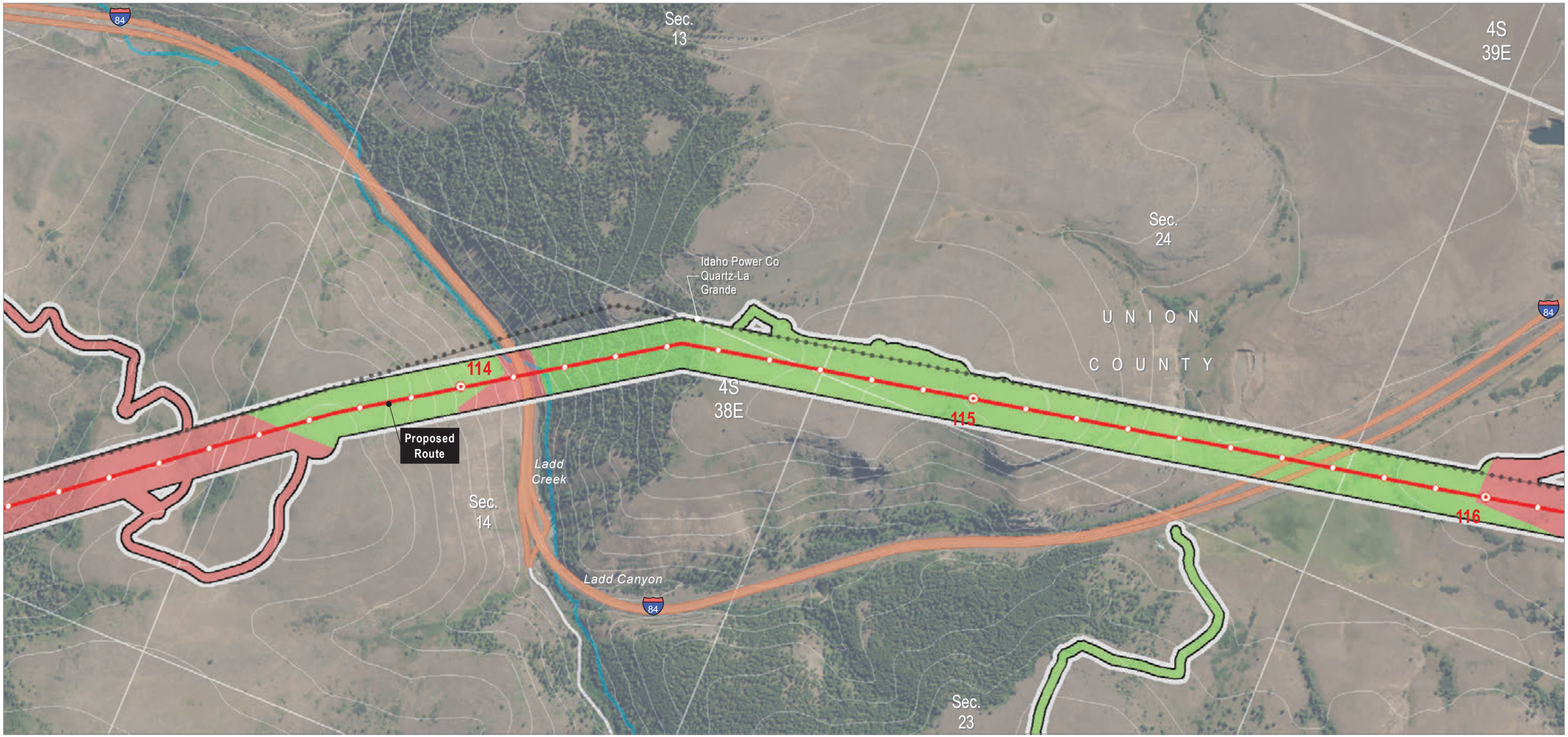
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IDAHO POWER
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Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Union County

Map 60



Map Area



0 1,000
Feet

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations
- Surveyed
- Not Surveyed

Project Features
- Site Boundary
- Transmission Centerline

Mileposts
- Mile
- Tenth-mile

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

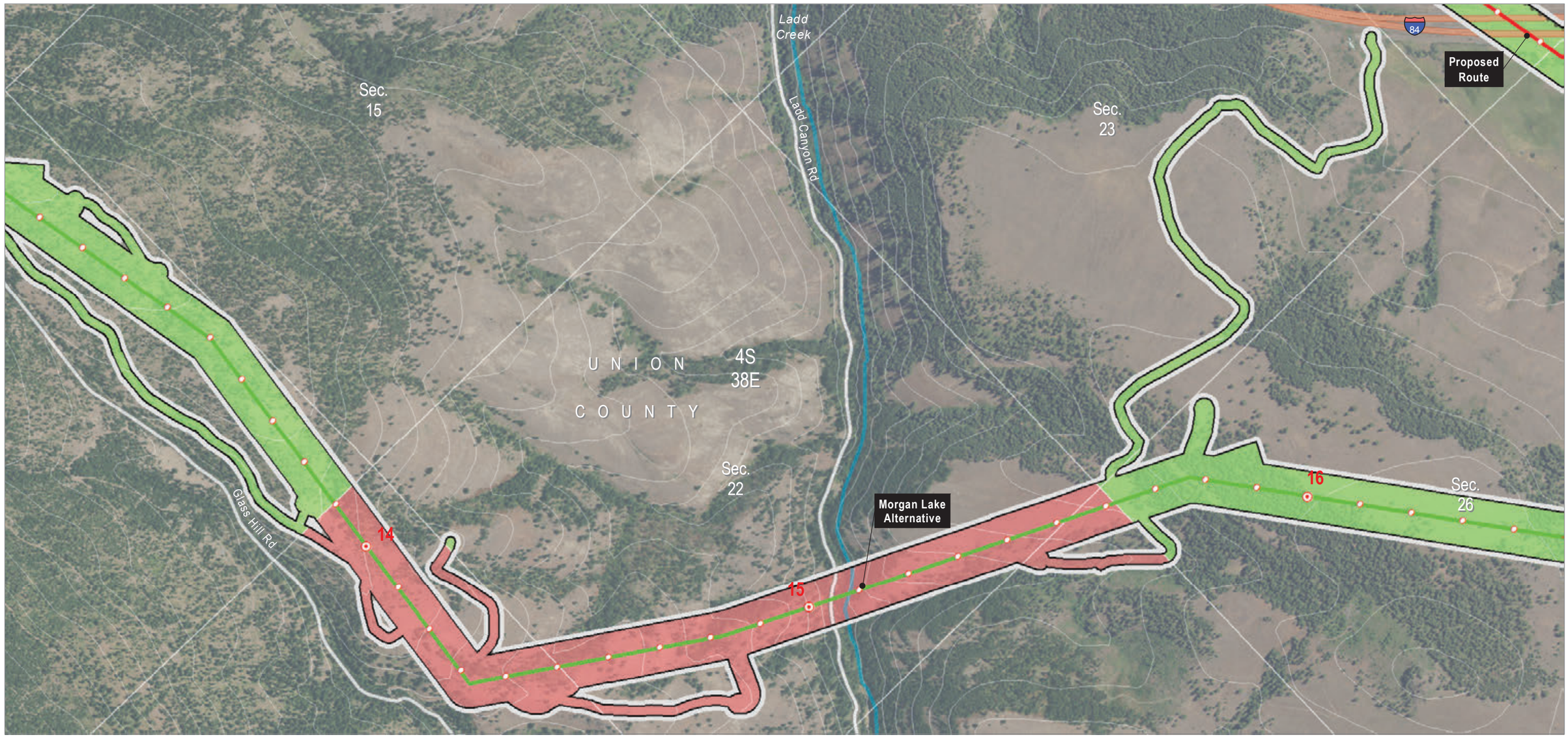
Boardman to Hemingway Transmission Line Project
Application for Site Certificate

IDAHO POWER
An IDACORP Company

Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Union County

Map 61



0 1,000
Feet

Map Area



Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations
- Surveyed
- Not Surveyed

Project Features
- Site Boundary
- Transmission Centerline
- Alternative

Mileposts
- Mile
- Tenth-mile

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

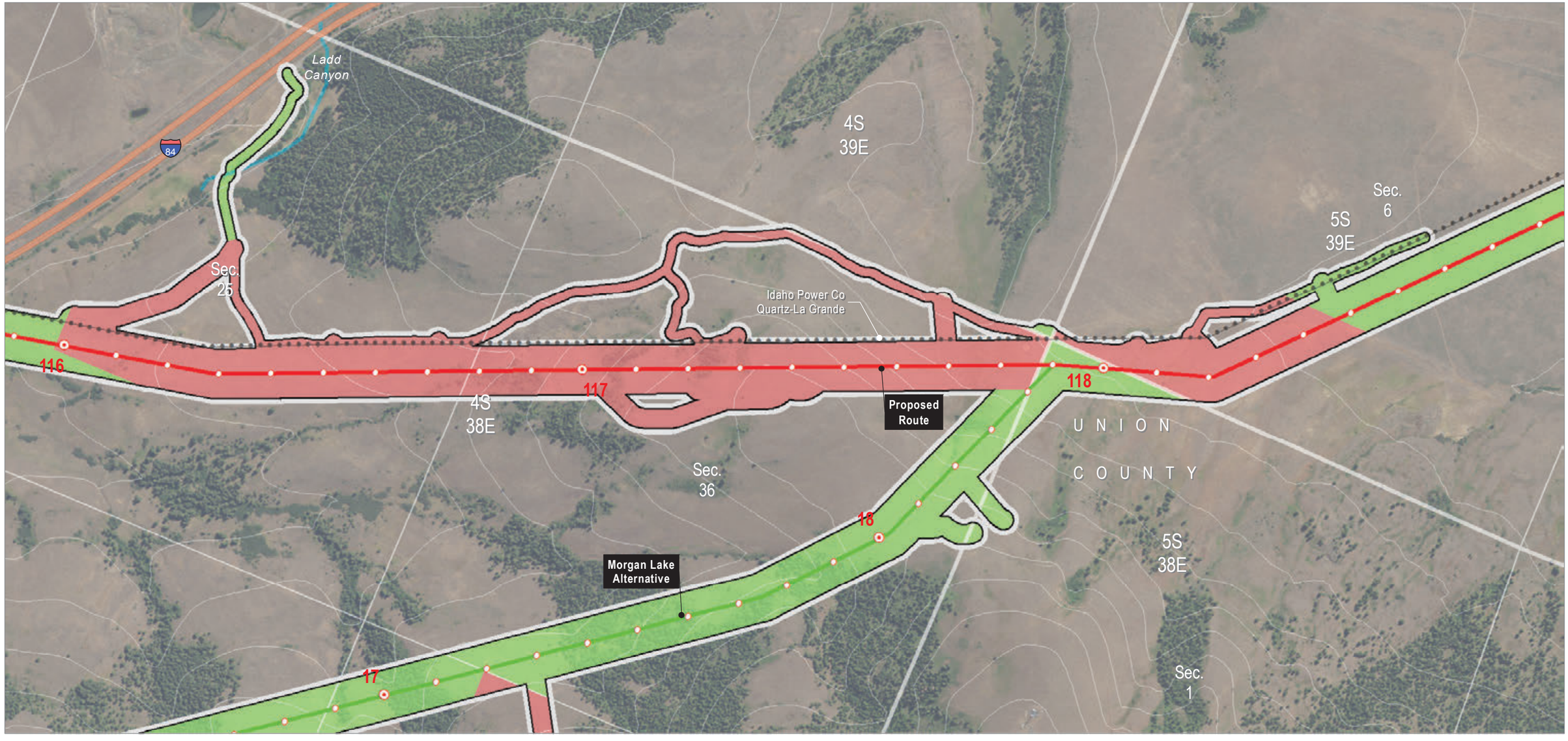
Boardman to Hemingway Transmission Line Project
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IDAHO POWER
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Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Union County

Map 62



0 1,000
Feet

OREGON

Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State
- Surveyed Locations
  - Surveyed
  - Not Surveyed

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

Other Features
- 100-foot Contours
- Existing Transmission Lines
- Interstate
- Stream

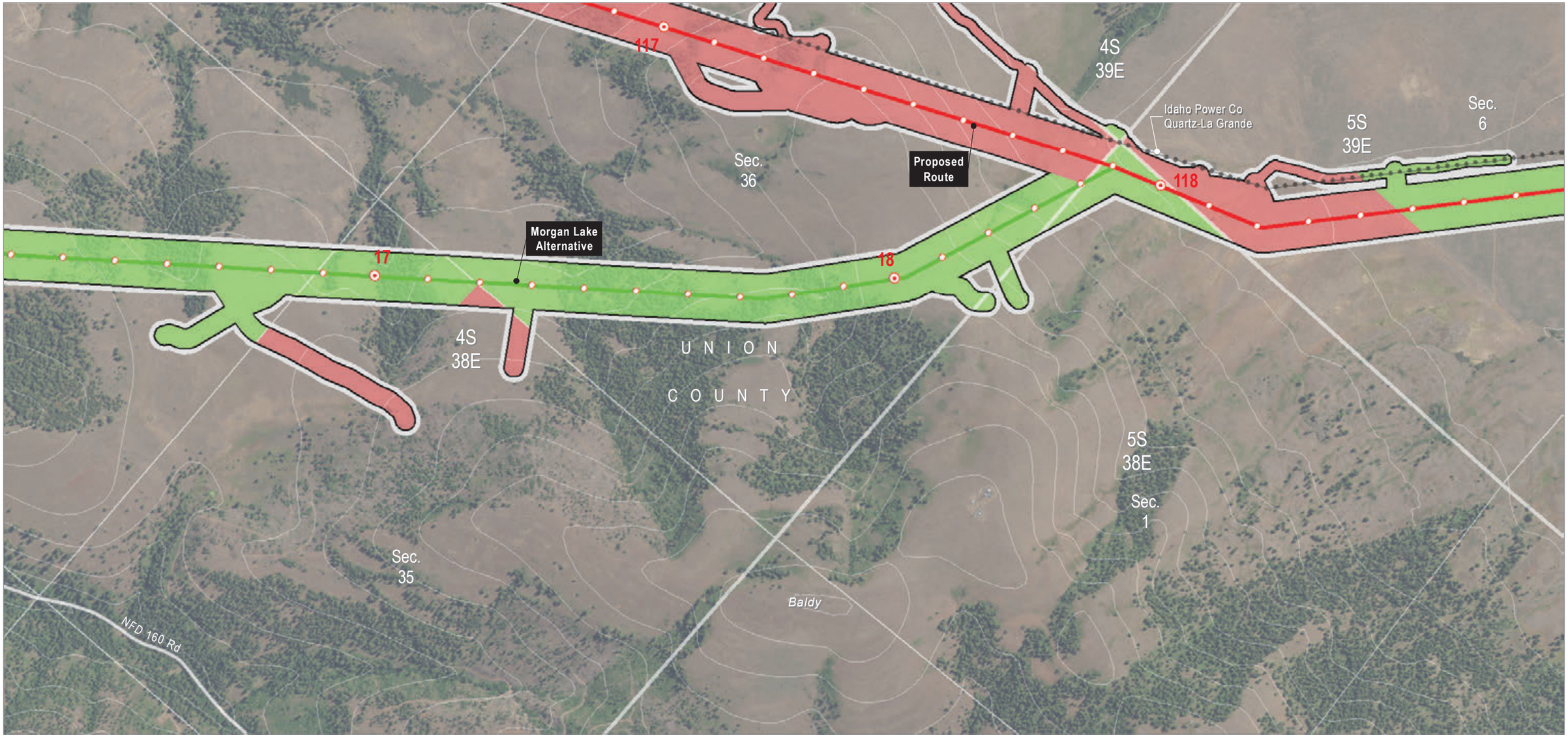
Boardman to Hemingway Transmission Line Project
Application for Site Certificate

IDAHO POWER
An IDACORP Company

Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Union County

Map 63



0 1,000
Feet

Map Area

OREGON

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations

- Surveyed
- Not Surveyed

Project Features

- Site Boundary
- Transmission Centerline
- Alternative

Mileposts

- Mile
- Tenth-mile

Other Features

- 100-foot Contours
- Existing Transmission Lines
- Road

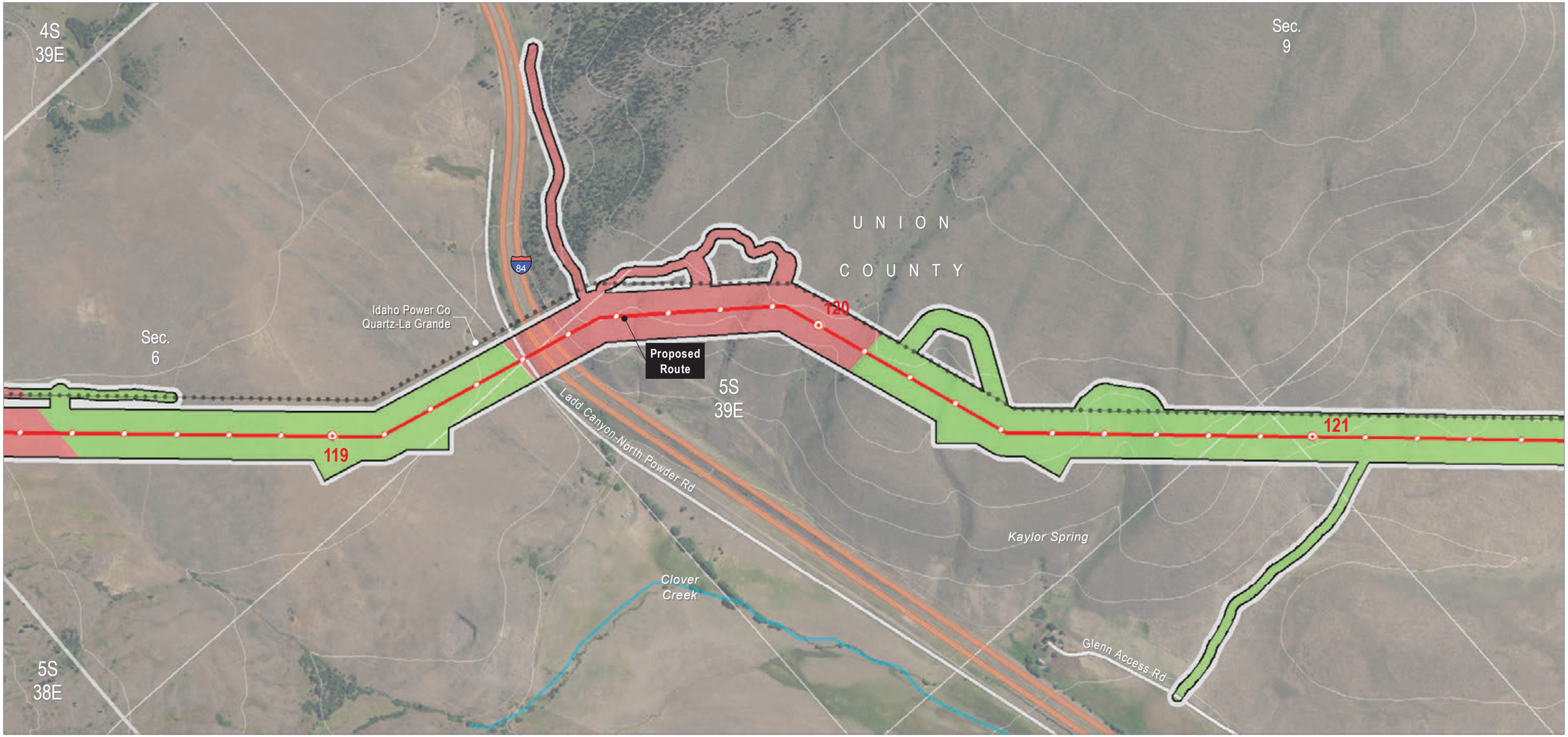
Boardman to Hemingway Transmission Line Project
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IDAHO POWER
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Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Union County

Map 64



0 1,000
Feet

Map Area



Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State
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- Transmission Centerline

Mileposts
- Mile
- Tenth-mile

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

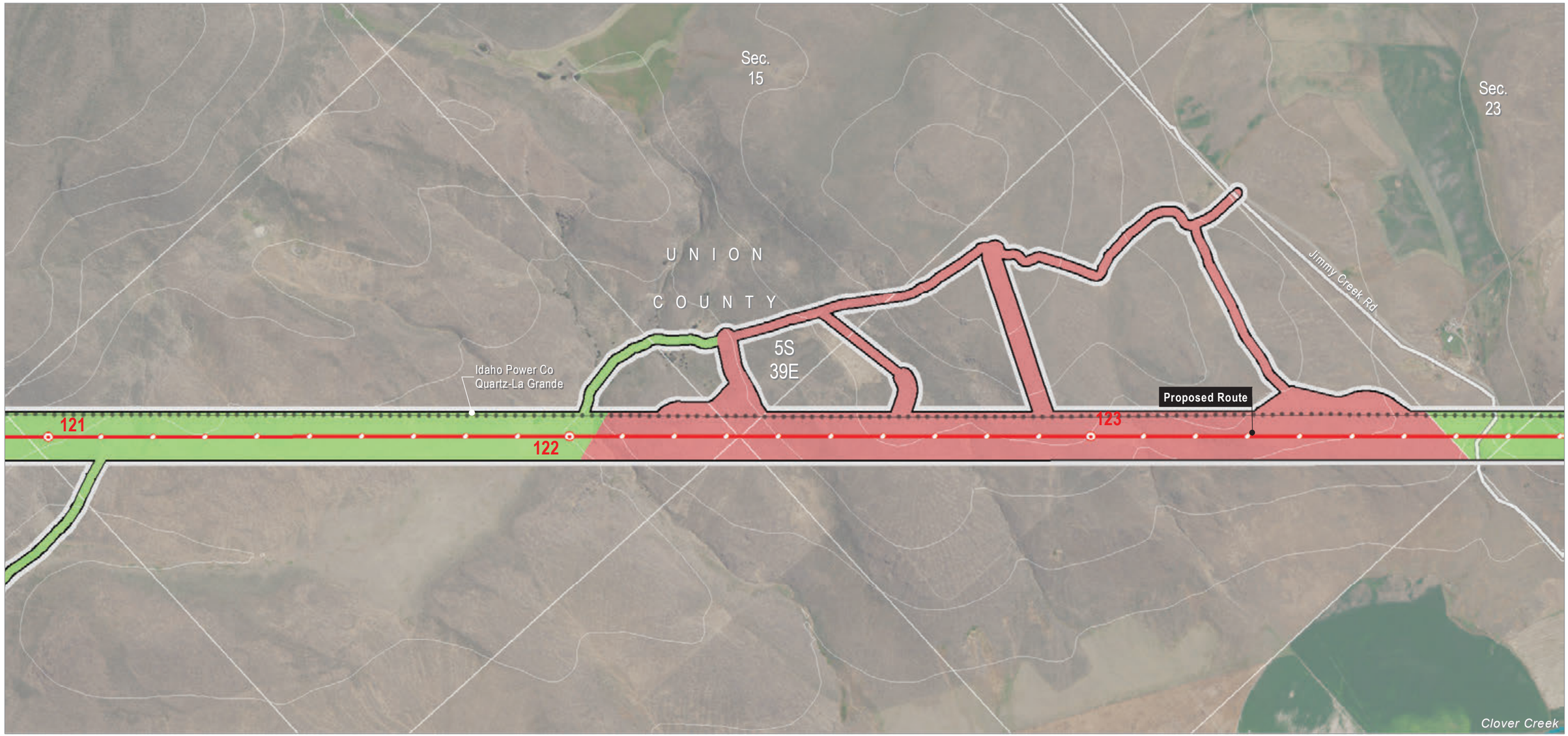
Boardman to Hemingway Transmission Line Project
Application for Site Certificate

IDAHO POWER
An IDACORP Company

Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Union County

Map 65



0 1,000
Feet

Map Area

OREGON

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations
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Project Features
- Site Boundary
- Transmission Centerline

Mileposts
- Mile
- Tenth-mile

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

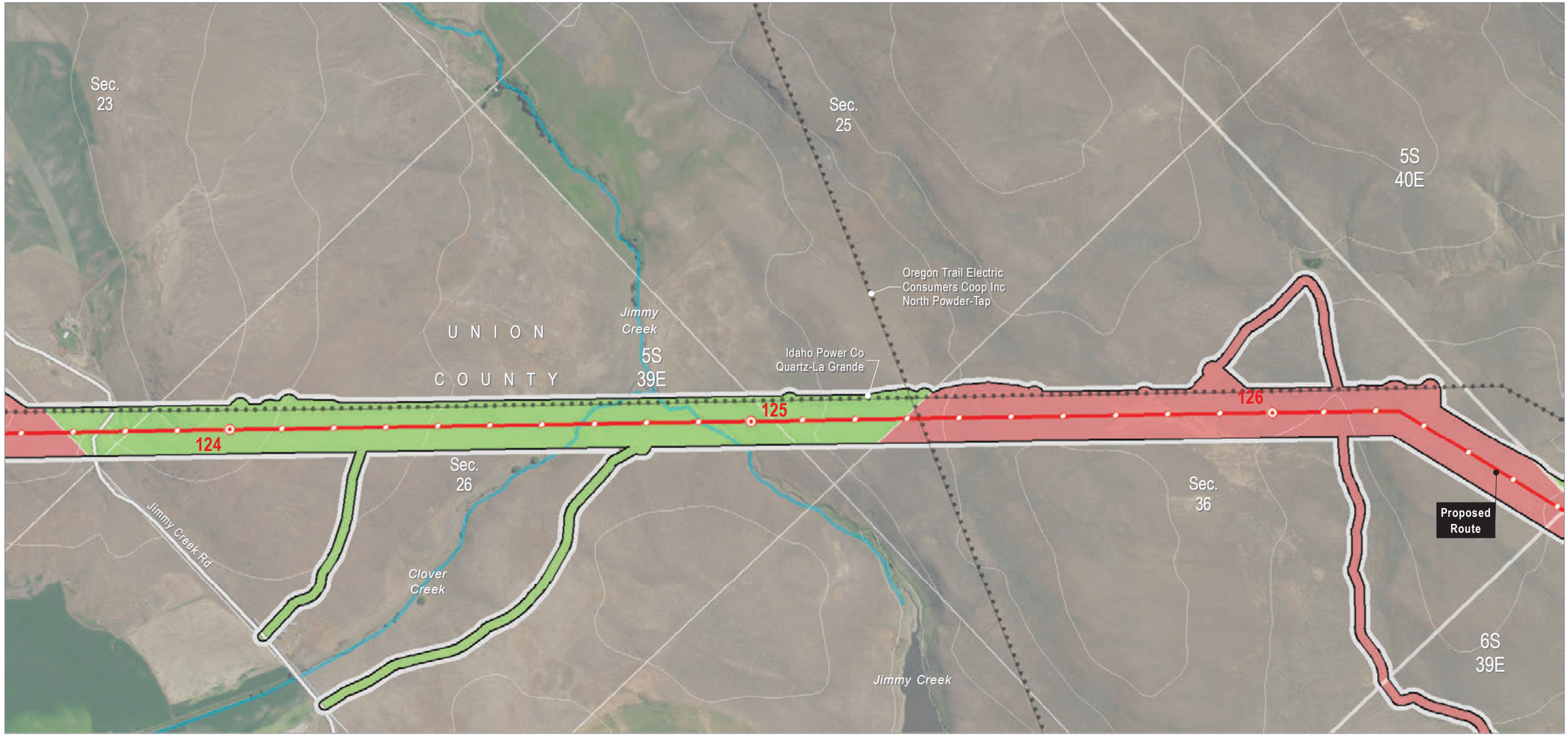
Boardman to Hemingway Transmission Line Project
Application for Site Certificate

IDAHO POWER
An IDACORP Company

Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Union County

Map 66



0 1,000
Feet

OREGON

Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State
- Surveyed Locations
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  - Not Surveyed

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

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

Boardman to Hemingway Transmission Line Project
Application for Site Certificate

IDAHO POWER
An IDACORP Company

Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Union County

Map 67



0 1,000
Feet

Map Area

OREGON

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State
- Surveyed Locations
  - Surveyed

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

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

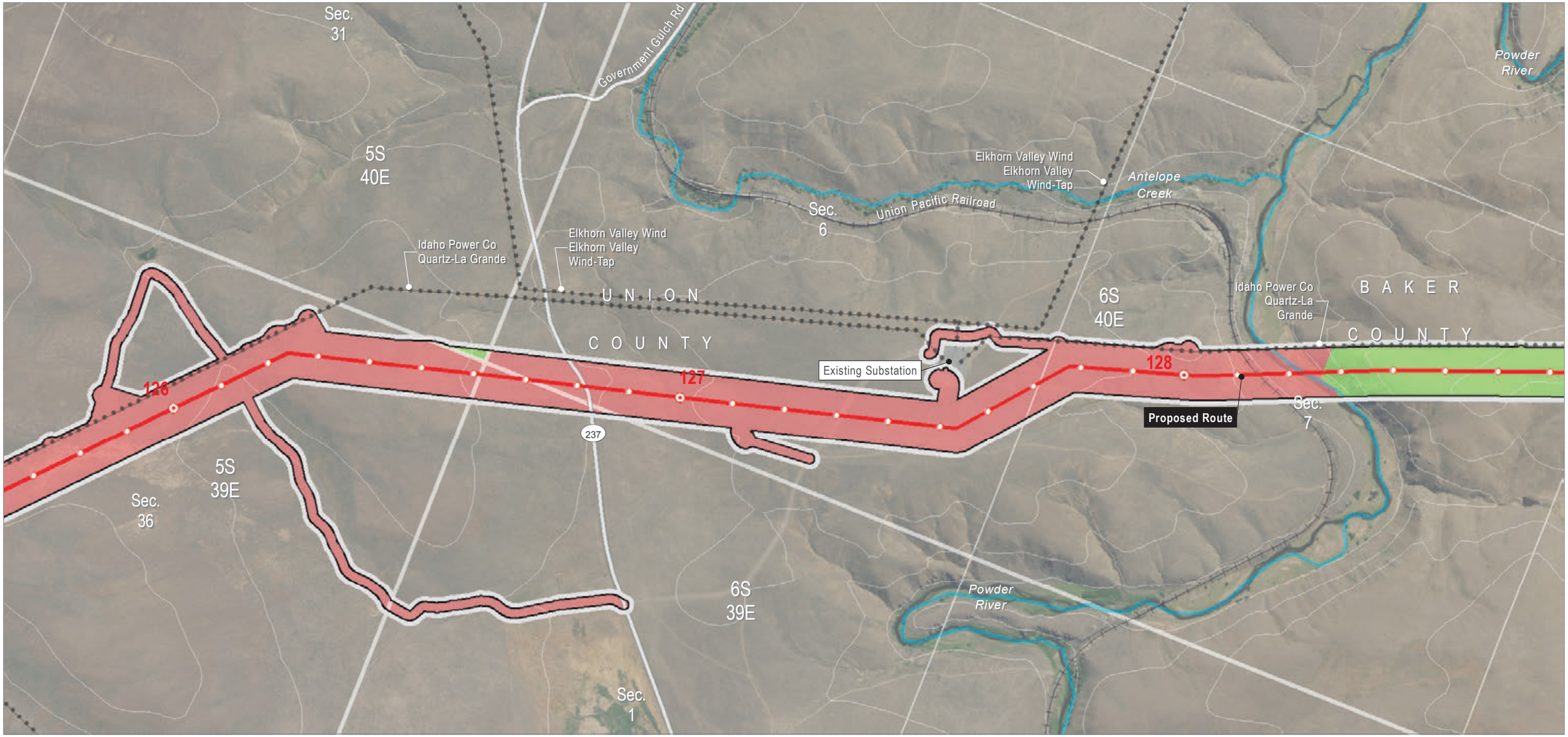
Boardman to Hemingway Transmission Line Project
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IDAHO POWER
An IDACORP Company

Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Union County

Map 68



0 1,000
Feet

Map Area

OREGON

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations
- Surveyed
- Not Surveyed

Project Features
- Site Boundary
- Transmission Centerline

Mileposts
- Mile
- Tenth-mile

Other Features
- 100-foot Contours
- Existing Transmission Lines
- Road
- Railroad
- Stream

Boardman to Hemingway Transmission Line Project
Application for Site Certificate

IDAHO POWER
An IDACORP Company

Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Union County

Map 69



0 1,000
Feet

OREGON

Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations

- Surveyed

Project Features

- Site Boundary

Other Features

- 100-foot Contours
- Existing Transmission Lines
- Interstate
- Highway
- Road
- Railroad
- Stream
- City Limits

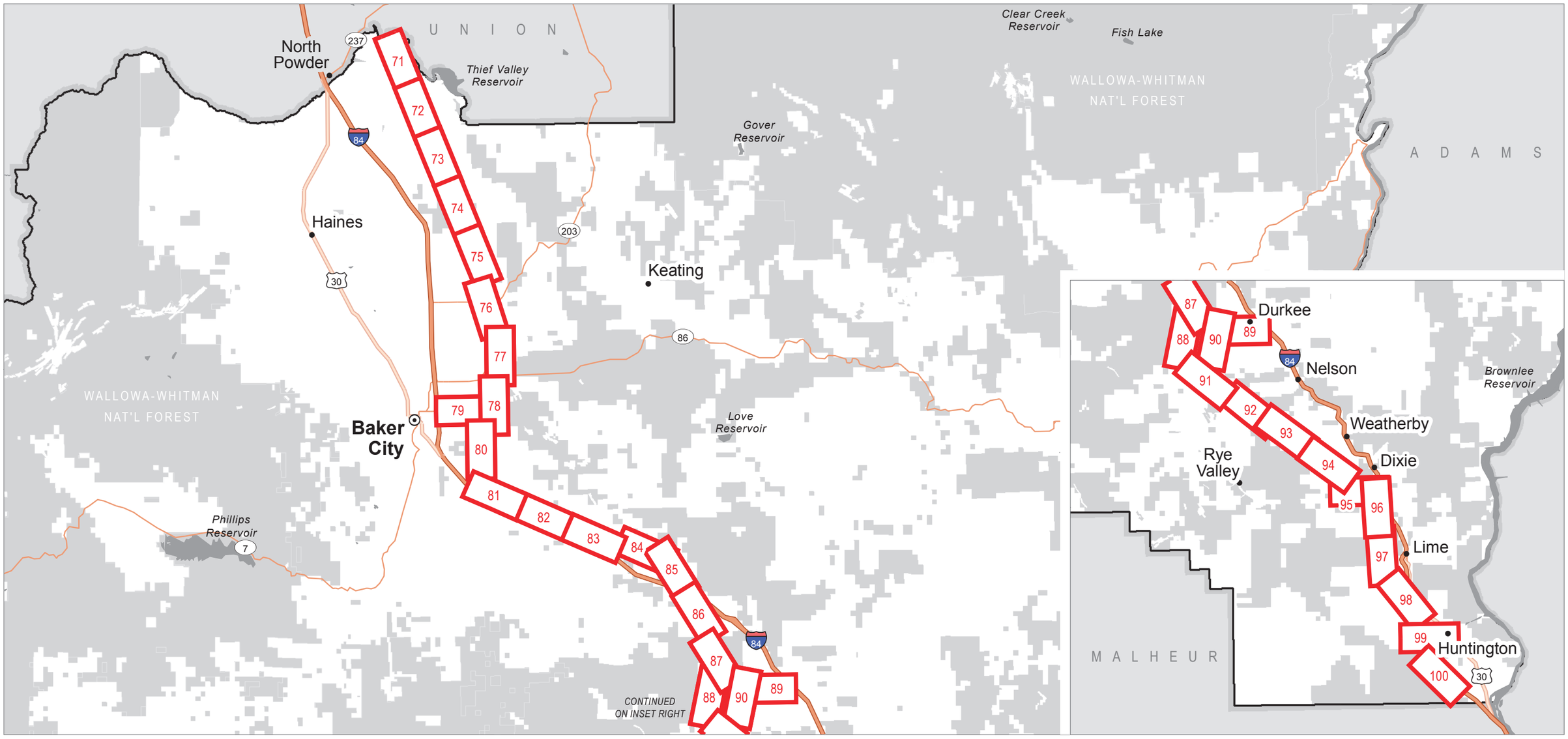
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Application for Site Certificate

IDAHO POWER
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Exhibit B, Attachment B-7a
Wetlands and Waters of the State

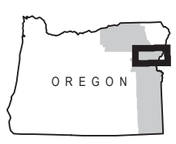
Surveyed Portions of the Site Boundary
Union County

Map 70



0 5
Miles

Map Area



Source(s): BLM, IPC, Esri

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Map Index

Location Map (Map #)

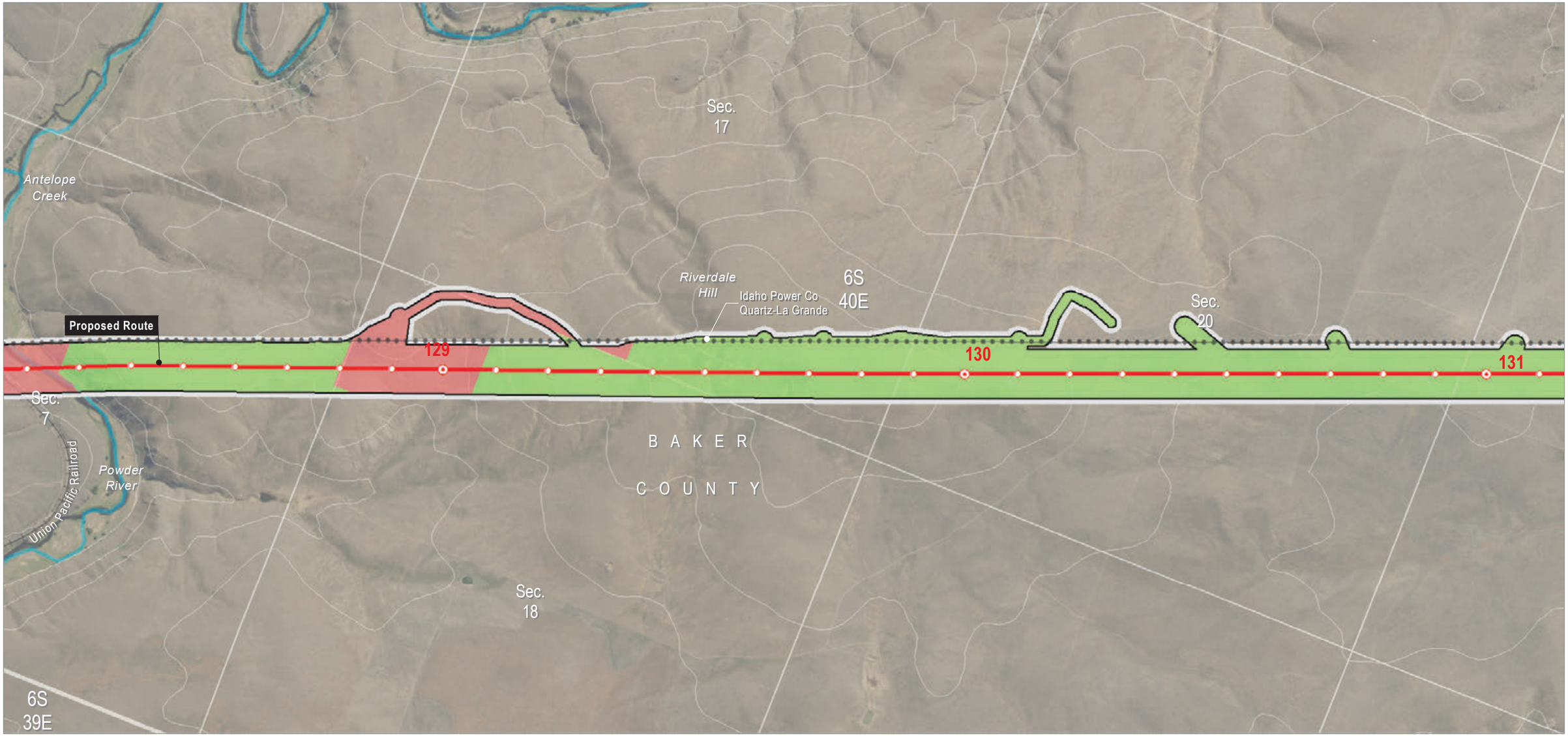
Boardman to Hemingway Transmission Line Project
Application for Site Certificate

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Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Baker County

Map Index



0 1,000
Feet

OREGON

Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations
- Surveyed
- Not Surveyed

Project Features
- Site Boundary
- Transmission Centerline

Mileposts
- Mile
- Tenth-mile

Other Features
- 100-foot Contours
- Existing Transmission Lines
- Railroad
- Stream

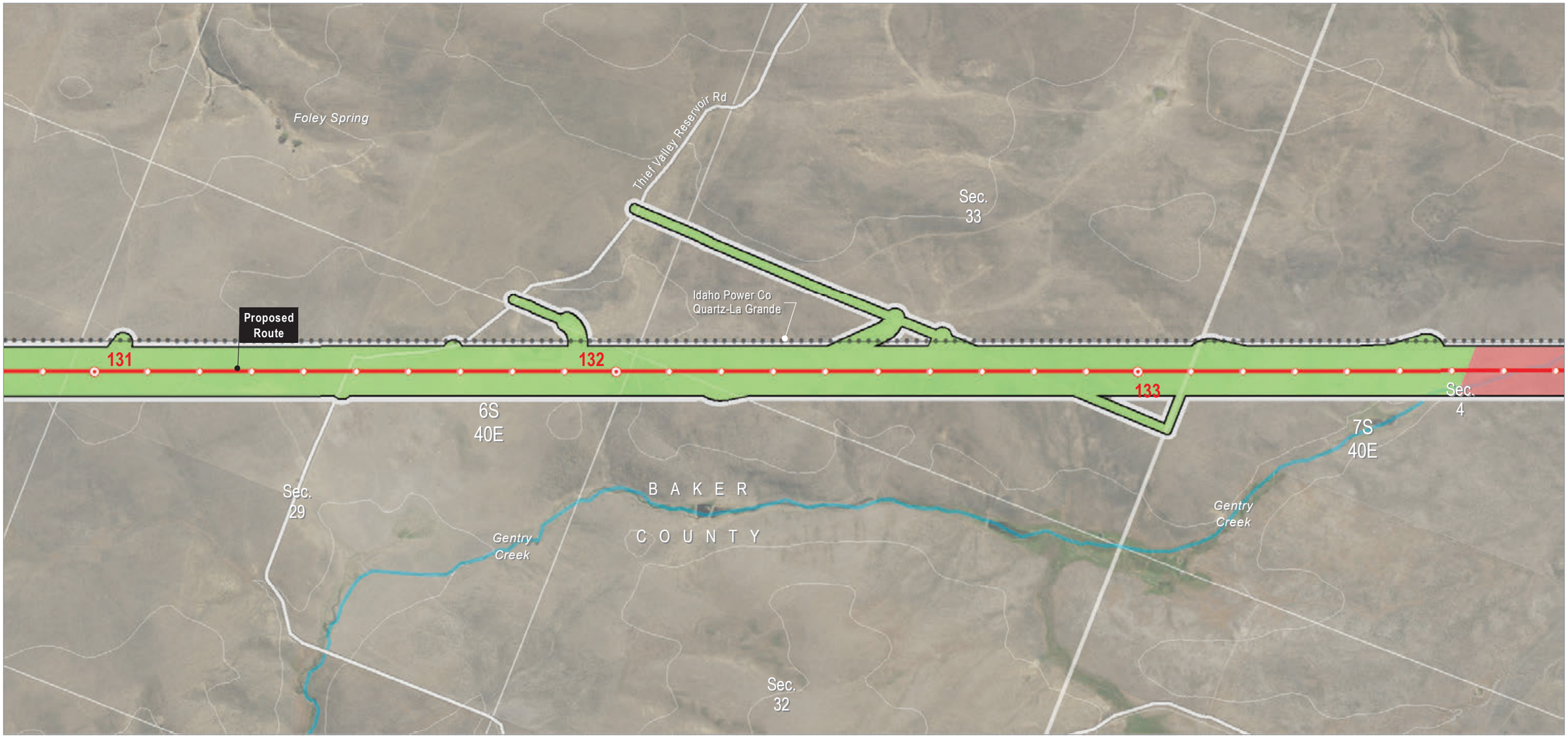
Boardman to Hemingway Transmission Line Project
Application for Site Certificate

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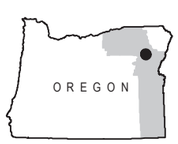
Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Baker County

Map 71



0 1,000
Feet



Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations
- Surveyed
- Not Surveyed

Project Features
- Site Boundary
- Transmission Centerline

Mileposts
- Mile
- Tenth-mile

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

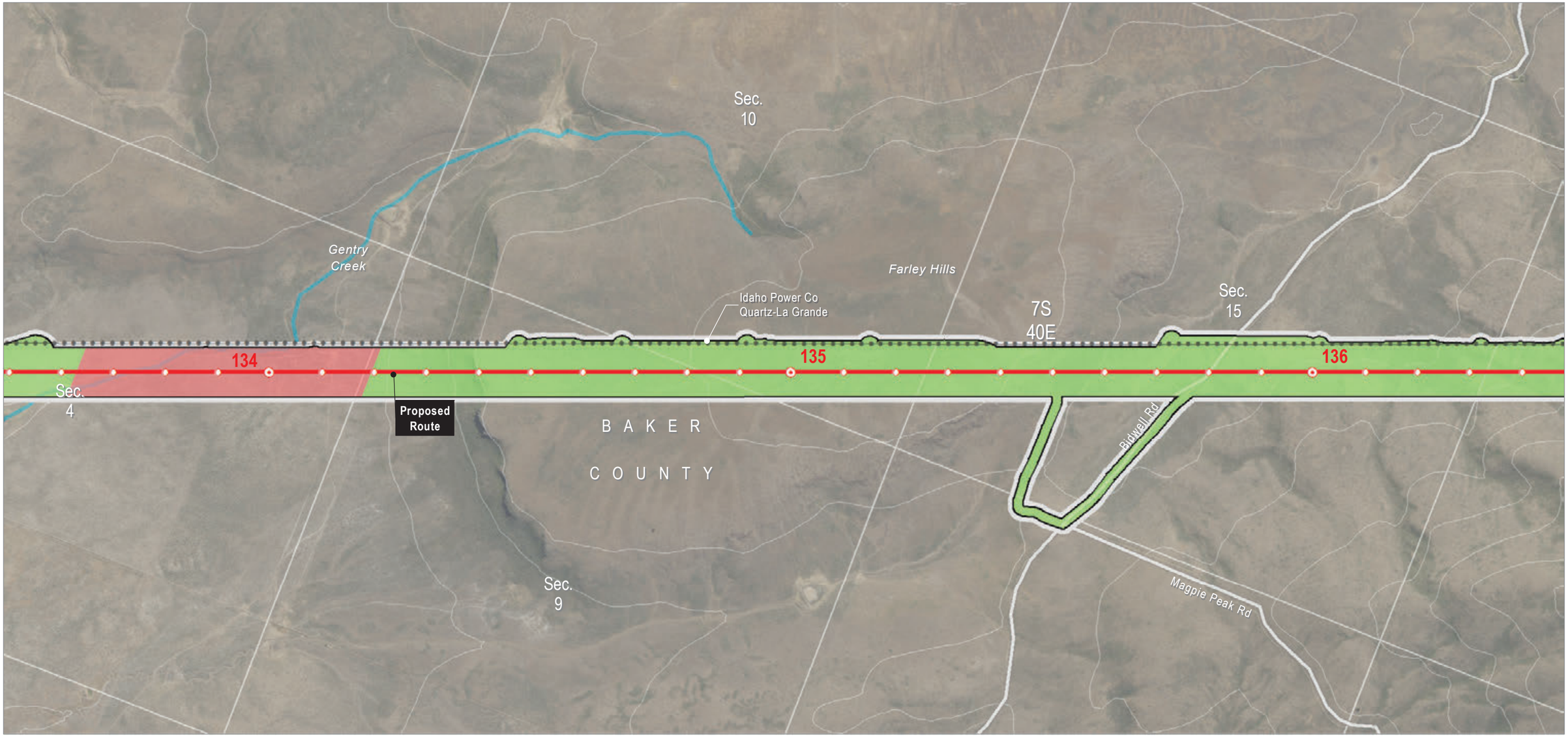
Boardman to Hemingway Transmission Line Project
Application for Site Certificate

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Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Baker County

Map 72



0 1,000
Feet

OREGON

Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations
- Surveyed
- Not Surveyed

Project Features
- Site Boundary
- Transmission Centerline

Mileposts
- Mile
- Tenth-mile

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

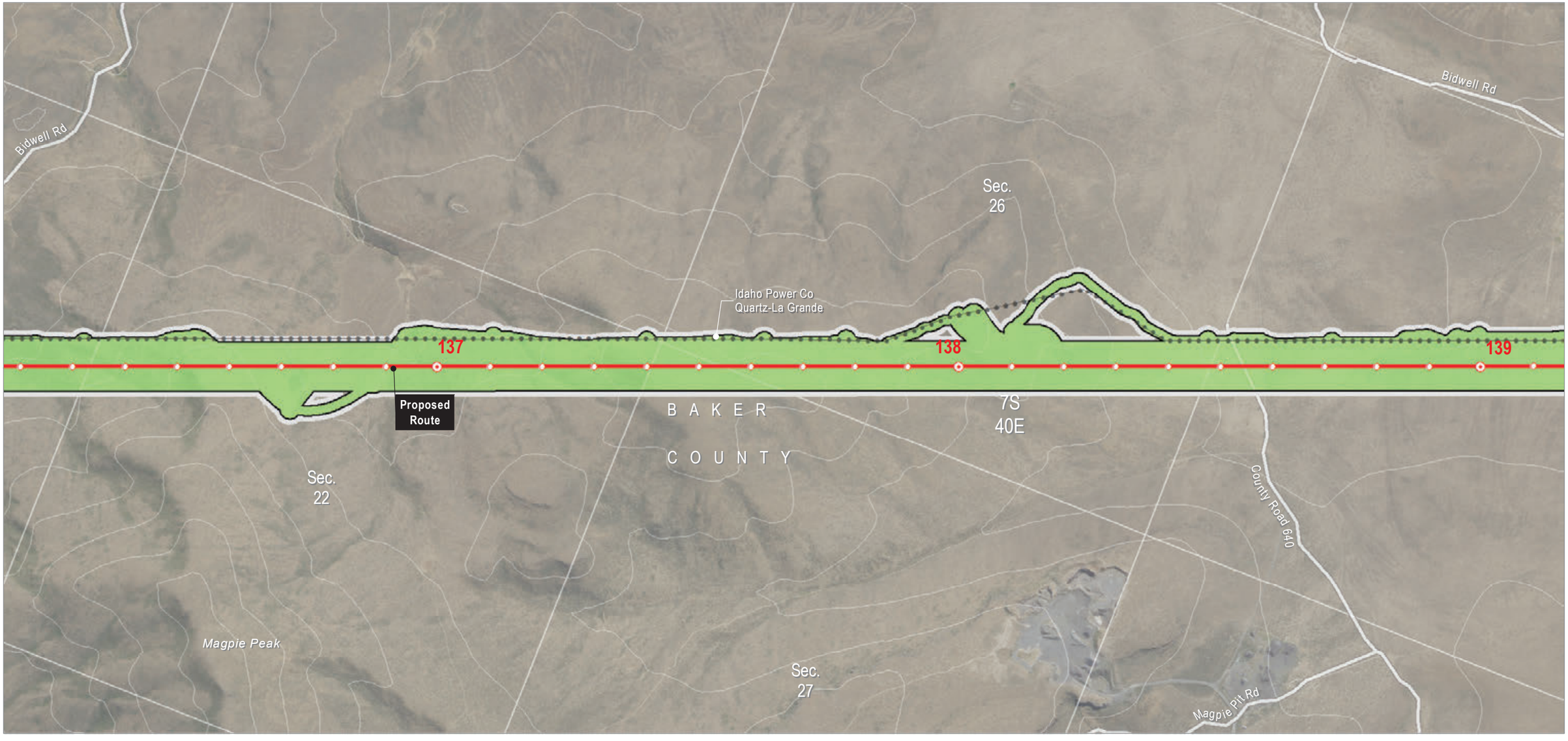
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Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Baker County

Map 73



0 1,000
Feet

Map Area



Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations

Surveyed

Project Features

Site Boundary

Transmission Centerline

Mileposts

Mile

Tenth-mile

Other Features

100-foot Contours

Existing Transmission Lines

Road

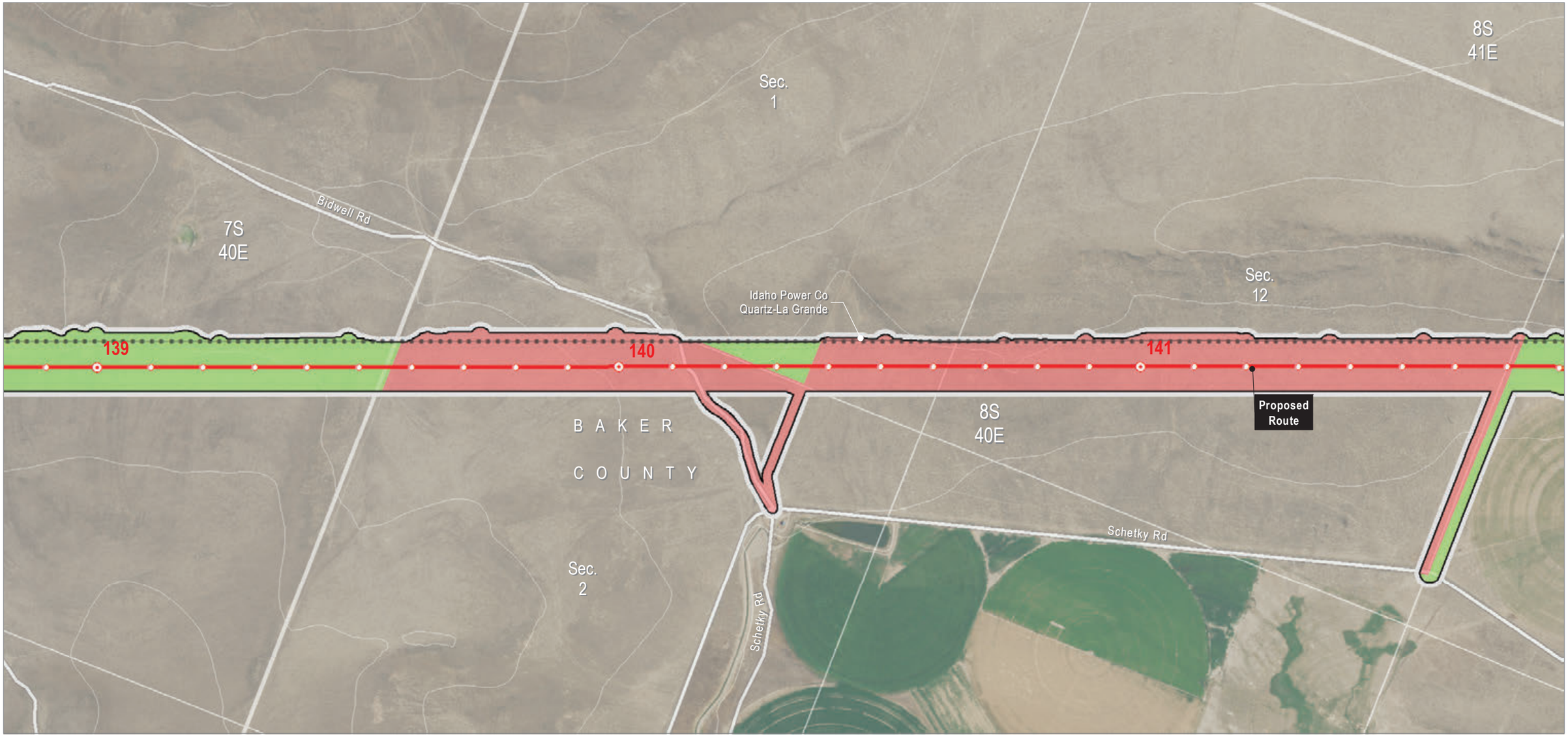
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Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Baker County

Map 74



0 1,000
Feet



Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations

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Project Features

- Site Boundary
- Transmission Centerline

Mileposts

- Mile
- Tenth-mile

Other Features

- 100-foot Contours
- Existing Transmission Lines
- Road

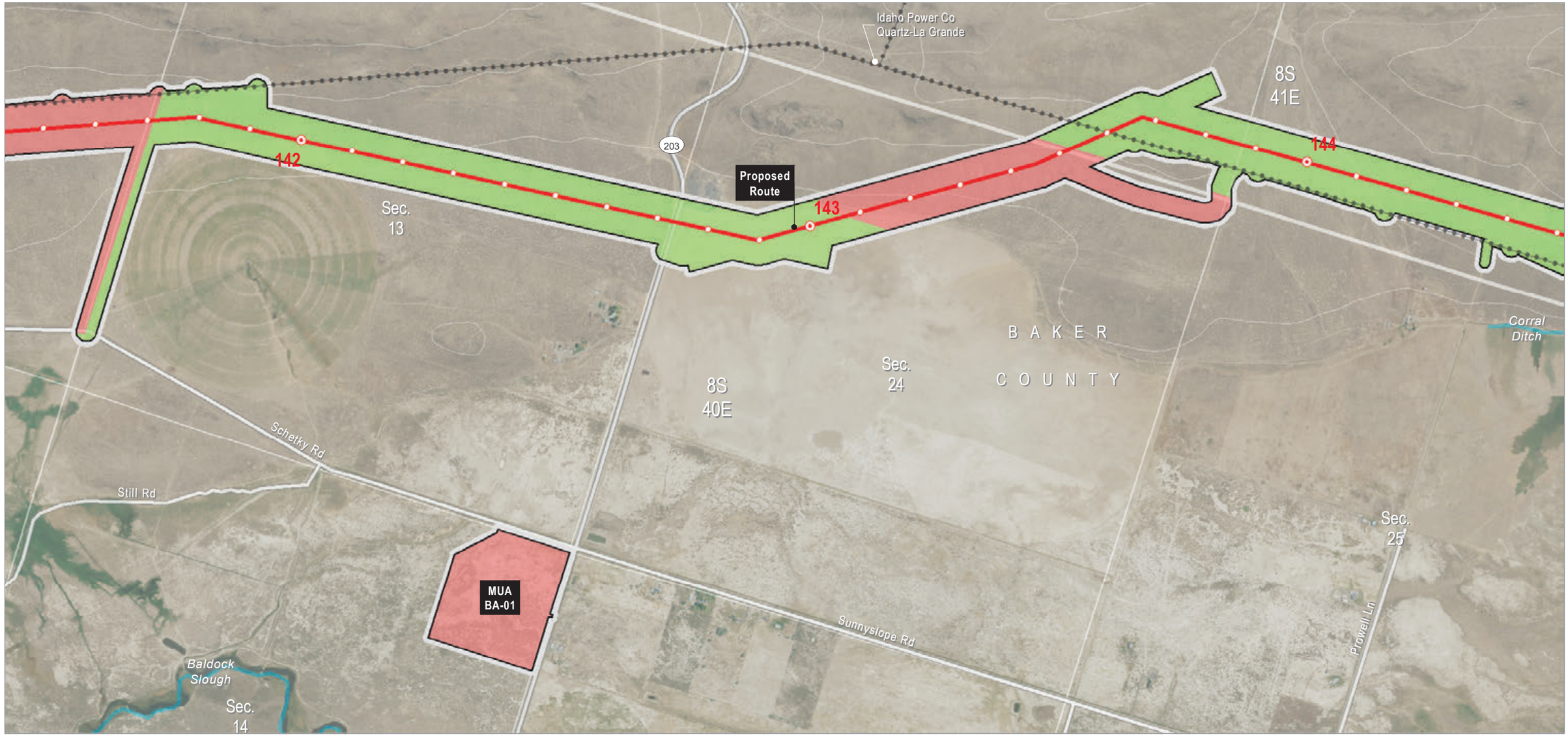
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IDAHO POWER
An IDACORP Company

Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Baker County

Map 75



0 1,000
Feet



Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

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Project Features
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- Transmission Centerline

Mileposts
- Mile
- Tenth-mile

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

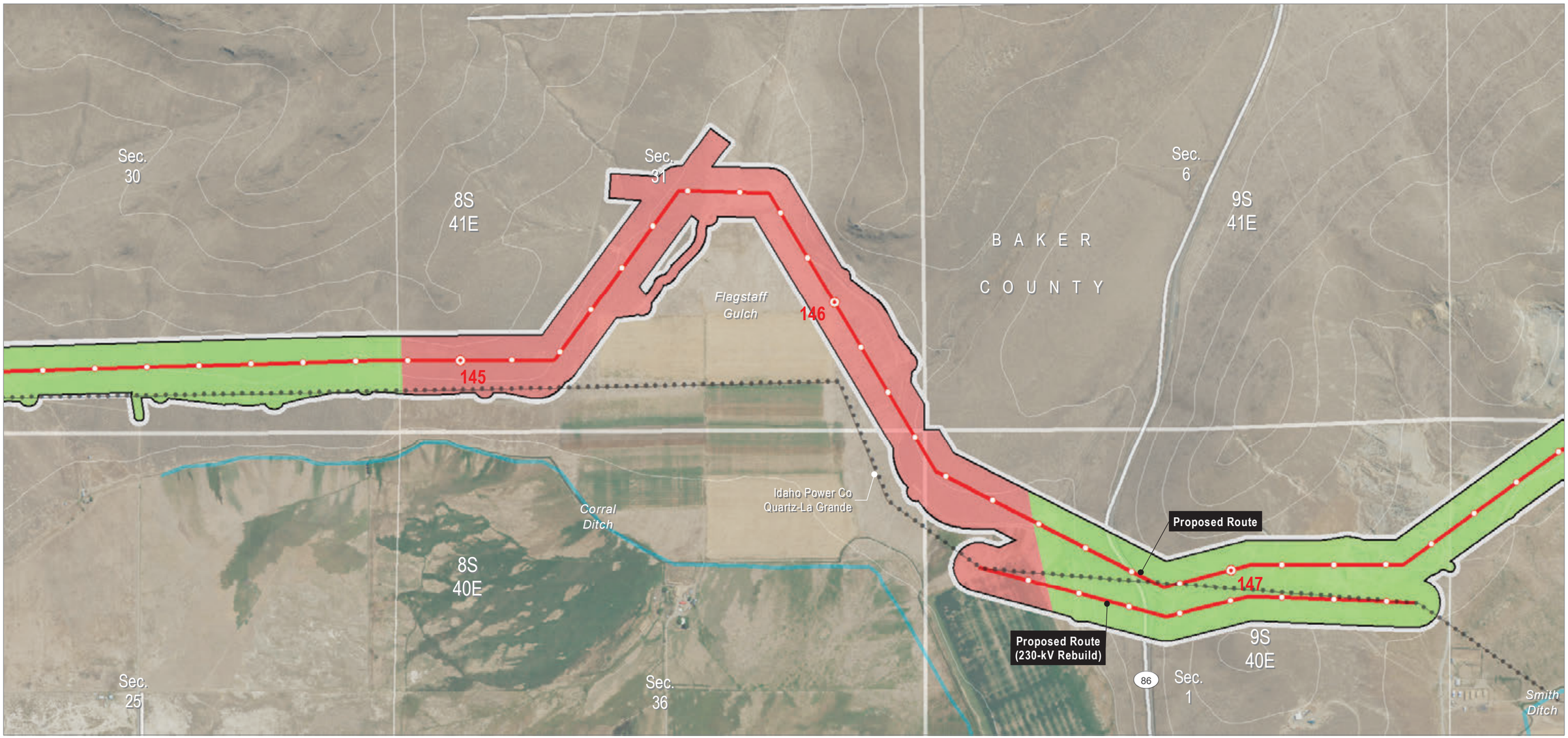
Boardman to Hemingway Transmission Line Project
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Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Baker County

Map 76



0 1,000
Feet

Map Area



Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

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Mileposts
- Mile
- Tenth-mile

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

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Surveyed Portions of the Site Boundary
Baker County

Map 77



0 1,000
Feet

OREGON

Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations
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Project Features
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- Transmission Centerline

Mileposts
- Mile
- Tenth-mile

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

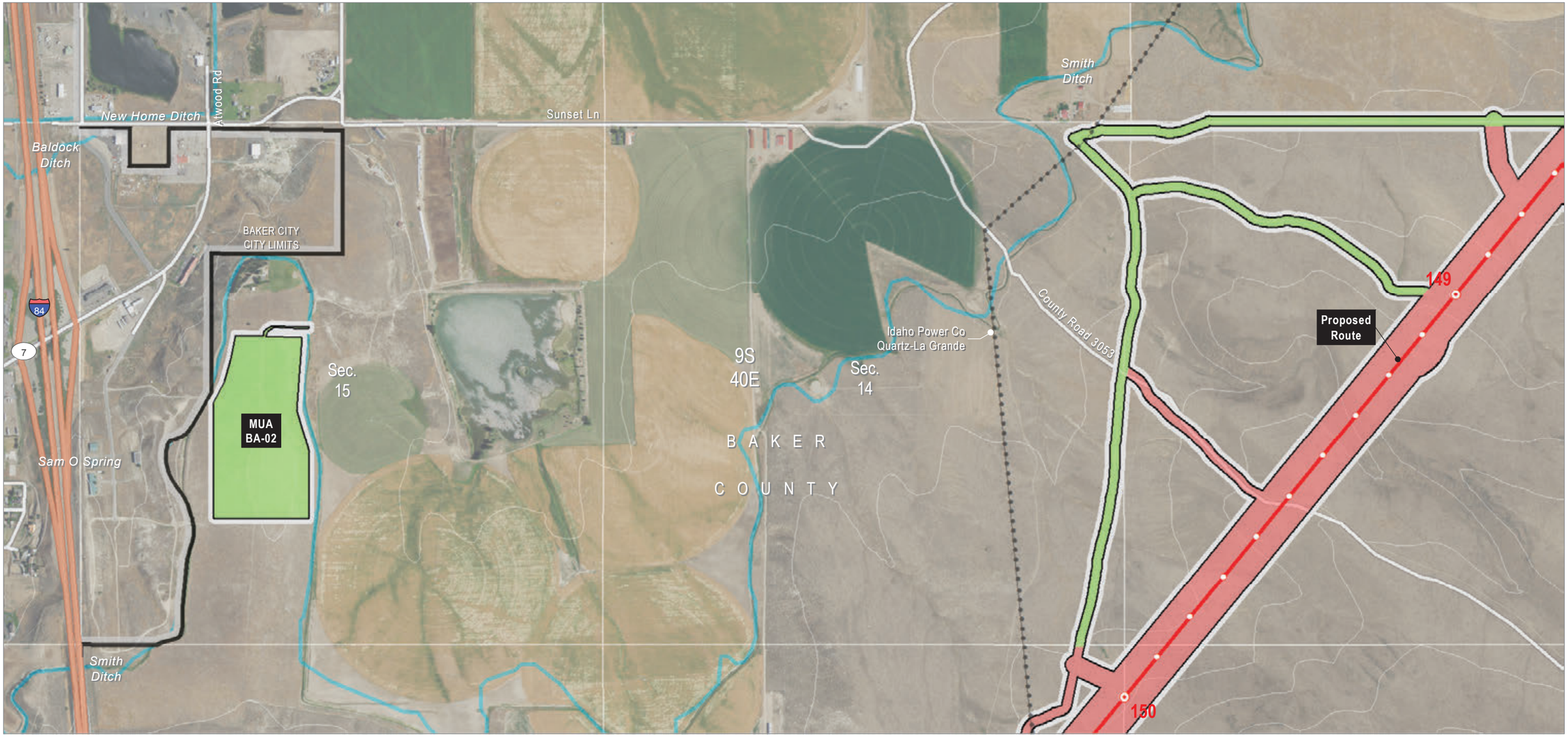
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Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Baker County

Map 78



N

0 1,000

Feet

OREGON

Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations

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Project Features

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- Transmission Centerline

Mileposts

- Mile
- Tenth-mile

Other Features

- 100-foot Contours
- Existing Transmission Lines
- Interstate
- Road
- Stream
- City Limits

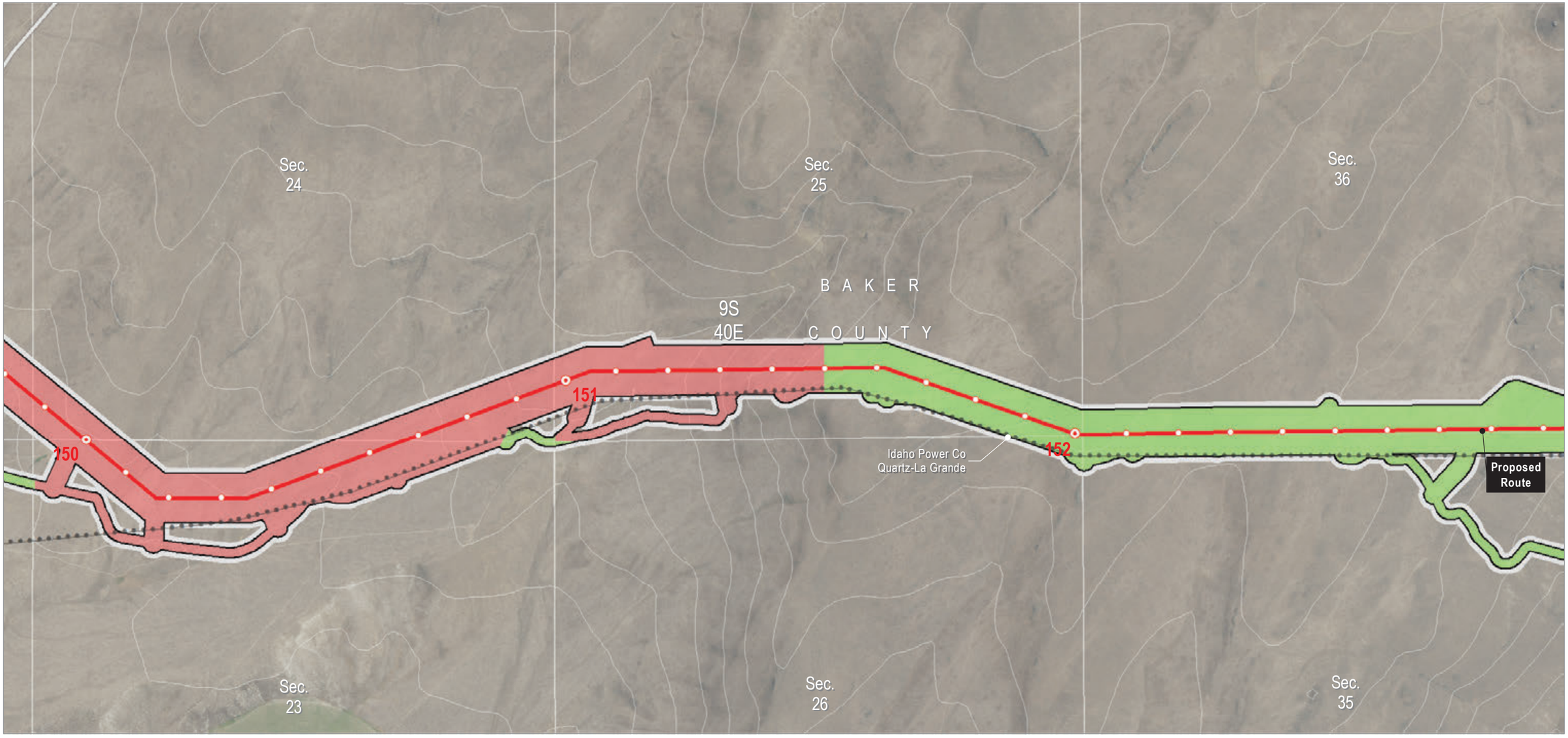
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Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Baker County

Map 79



0 1,000
Feet

OREGON

Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

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- Tenth-mile

Other Features

- 100-foot Contours
- Existing Transmission Lines
- Road

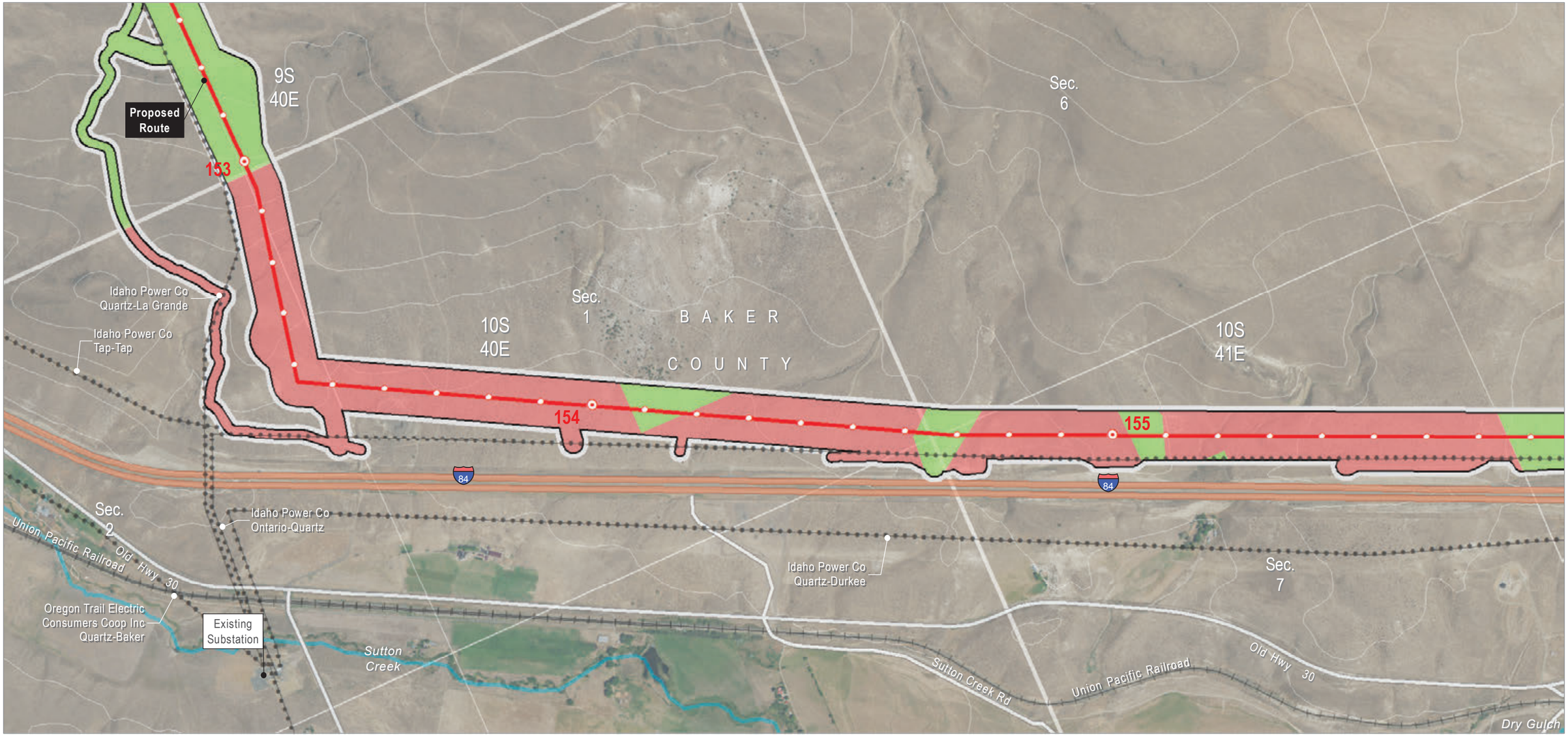
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Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Baker County

Map 80



N

0 1,000

Feet

OREGON

Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations

- Surveyed
- Not Surveyed

Project Features

- Site Boundary
- Transmission Centerline

Mileposts

- Mile
- Tenth-mile

Other Features

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

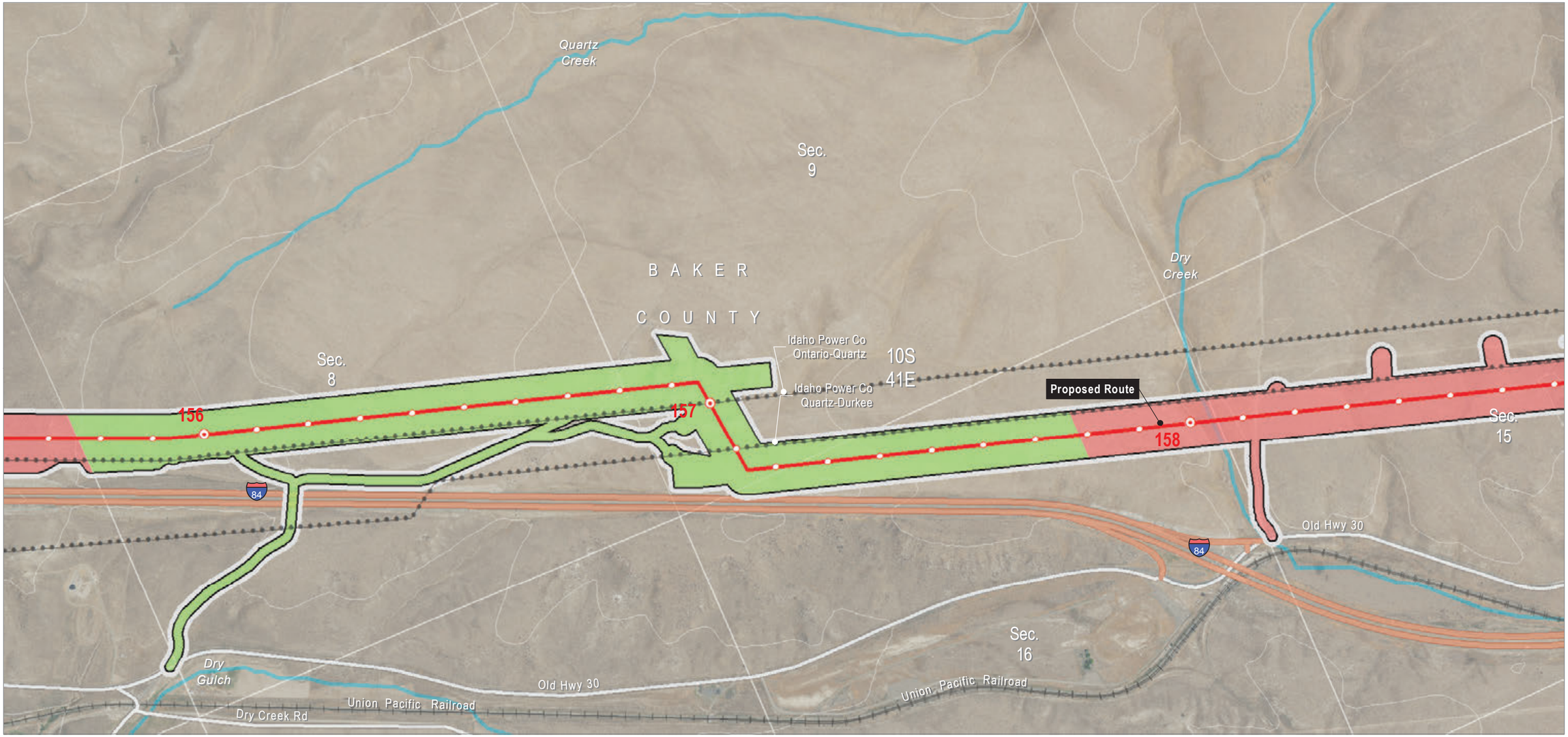
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Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Baker County

Map 81



0 1,000
Feet

Map Area

OREGON

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations
- Surveyed
- Not Surveyed

Project Features
- Site Boundary
- Transmission Centerline

Mileposts
- Mile
- Tenth-mile

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

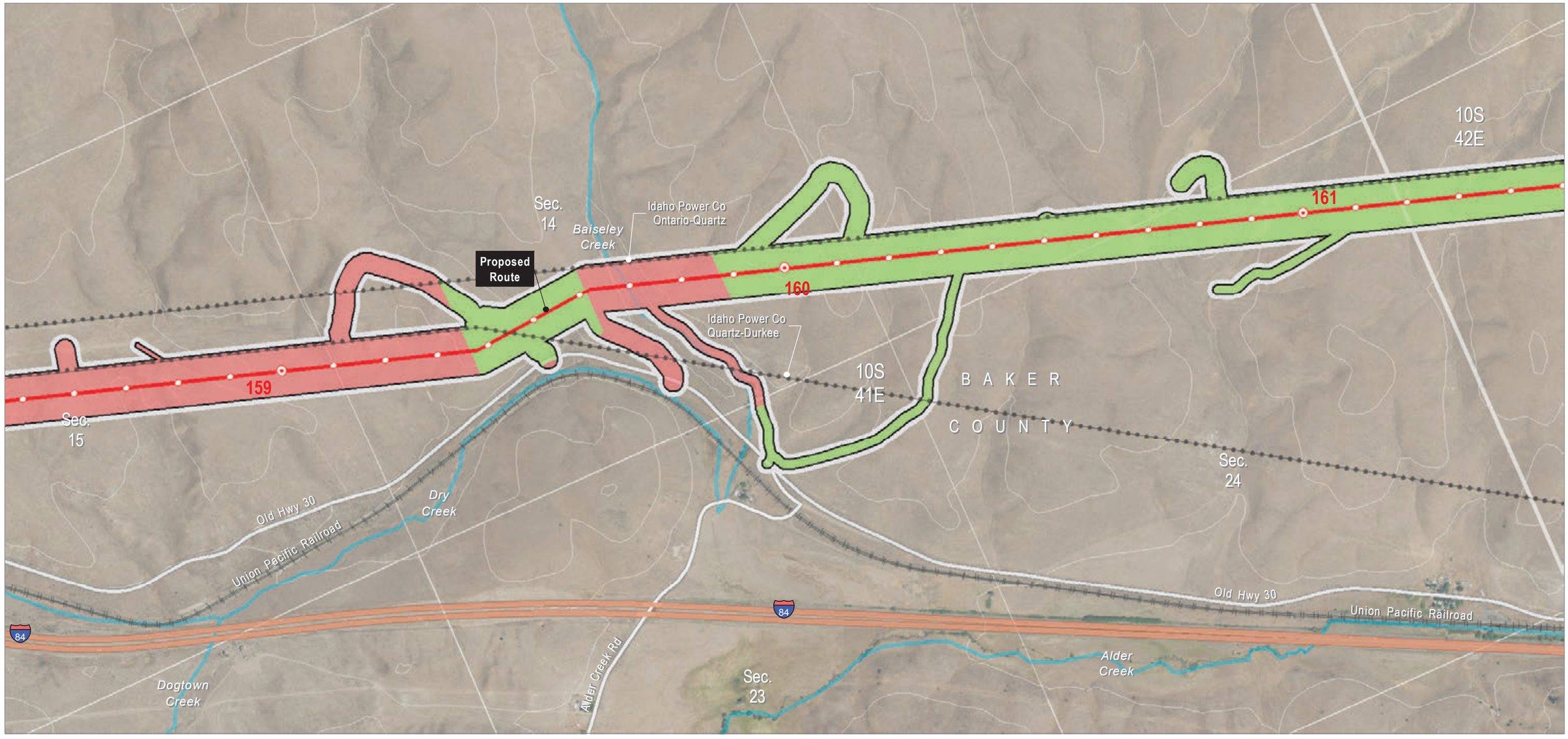
Boardman to Hemingway Transmission Line Project
Application for Site Certificate

IDAHO POWER
An IDACORP Company

Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Baker County

Map 82



0 1,000
Feet

Map Area

OREGON

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations
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- Not Surveyed

Project Features
- Site Boundary
- Transmission Centerline

Mileposts
- Mile
- Tenth-mile

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

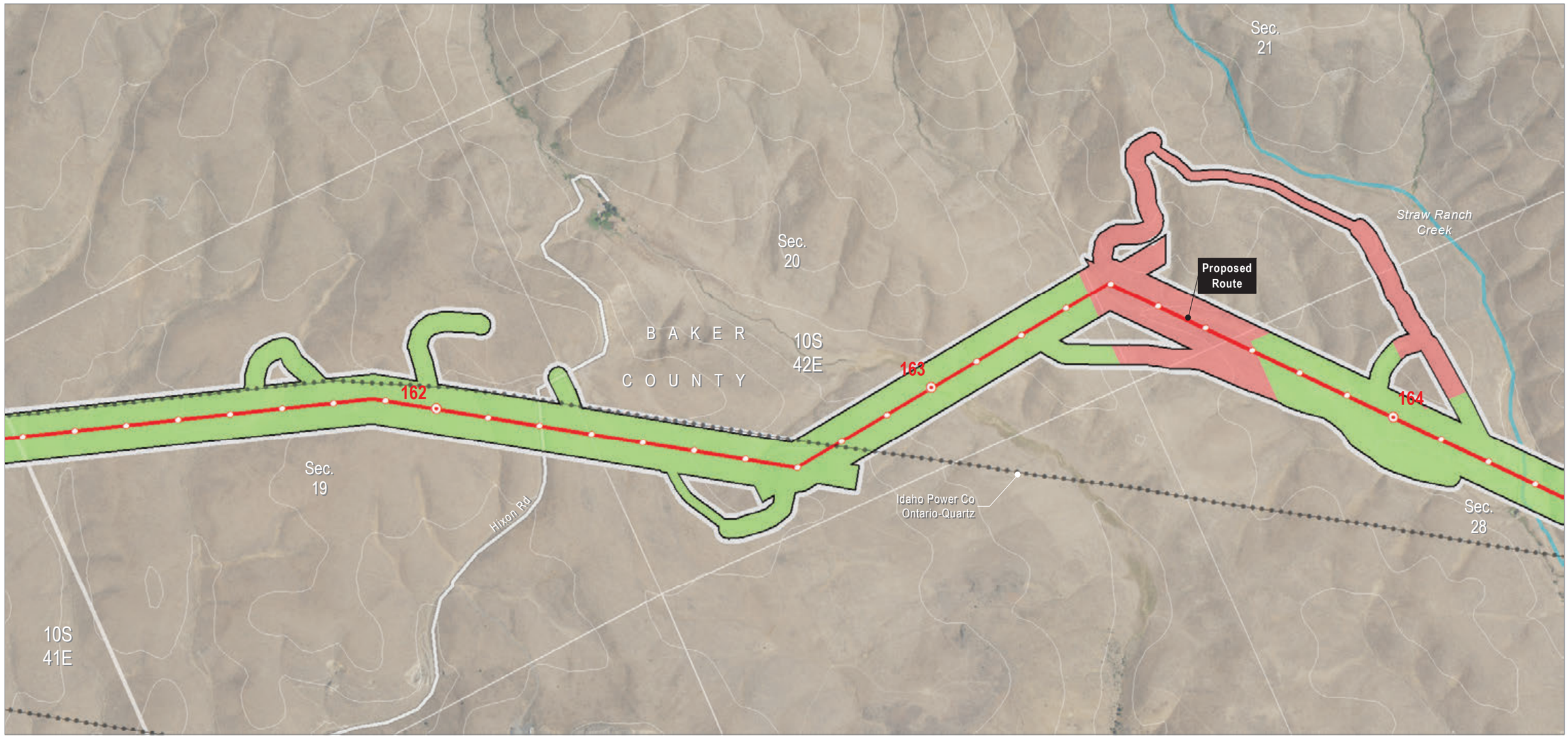
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Application for Site Certificate

IDAHO POWER
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Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Baker County

Map 83



0 1,000
Feet

OREGON

Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations

- Surveyed
- Not Surveyed

Project Features

- Site Boundary
- Transmission Centerline

Mileposts

- Mile
- Tenth-mile

Other Features

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

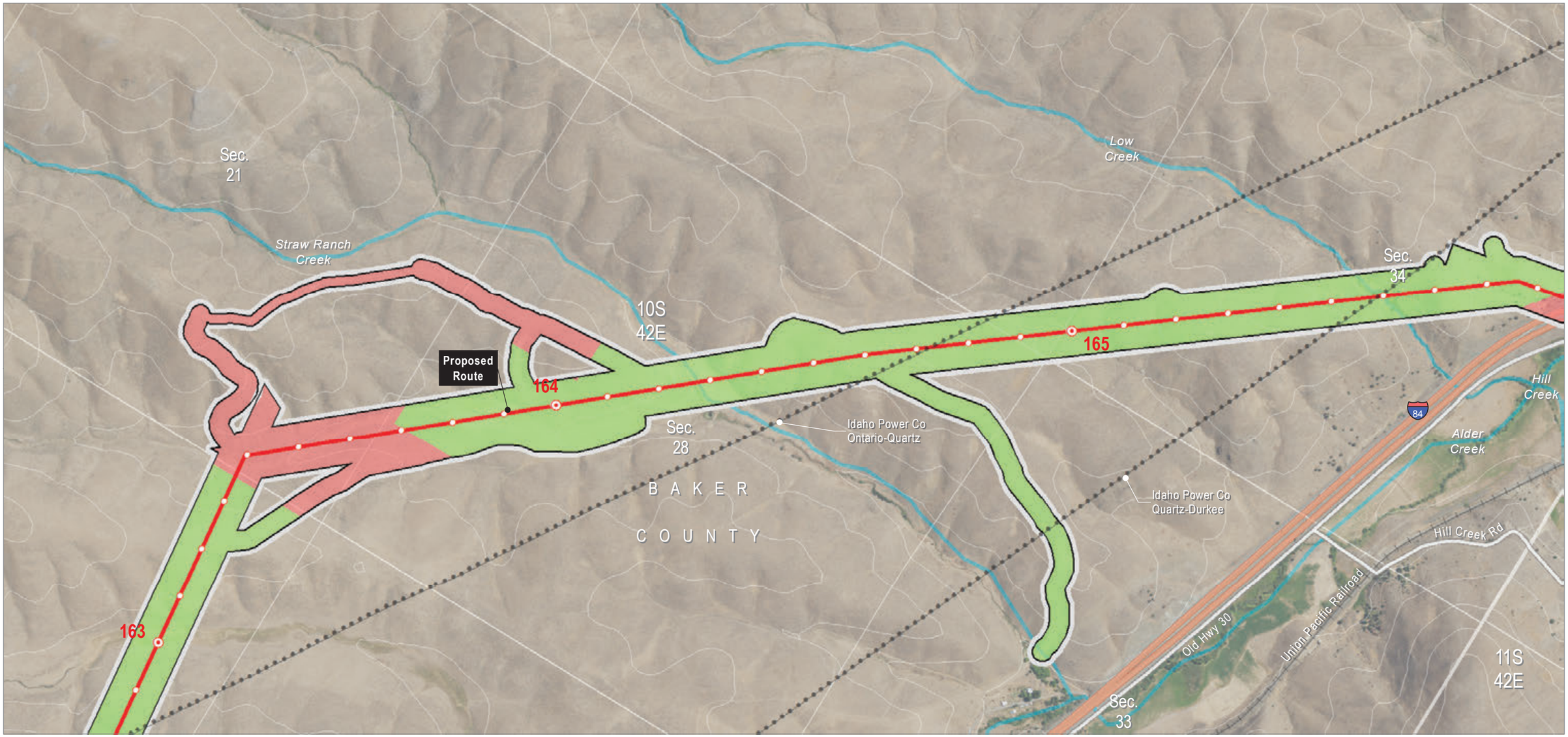
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Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Baker County

Map 84



0 1,000
Feet



Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations
- Surveyed
- Not Surveyed

Project Features
- Site Boundary
- Transmission Centerline

Mileposts
- Mile
- Tenth-mile

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

Boardman to Hemingway Transmission Line Project
Application for Site Certificate

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Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Baker County

Map 85



0 1,000
Feet



Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations
- Surveyed
- Not Surveyed

Project Features
- Site Boundary
- Transmission Centerline

Mileposts
- Mile
- Tenth-mile

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

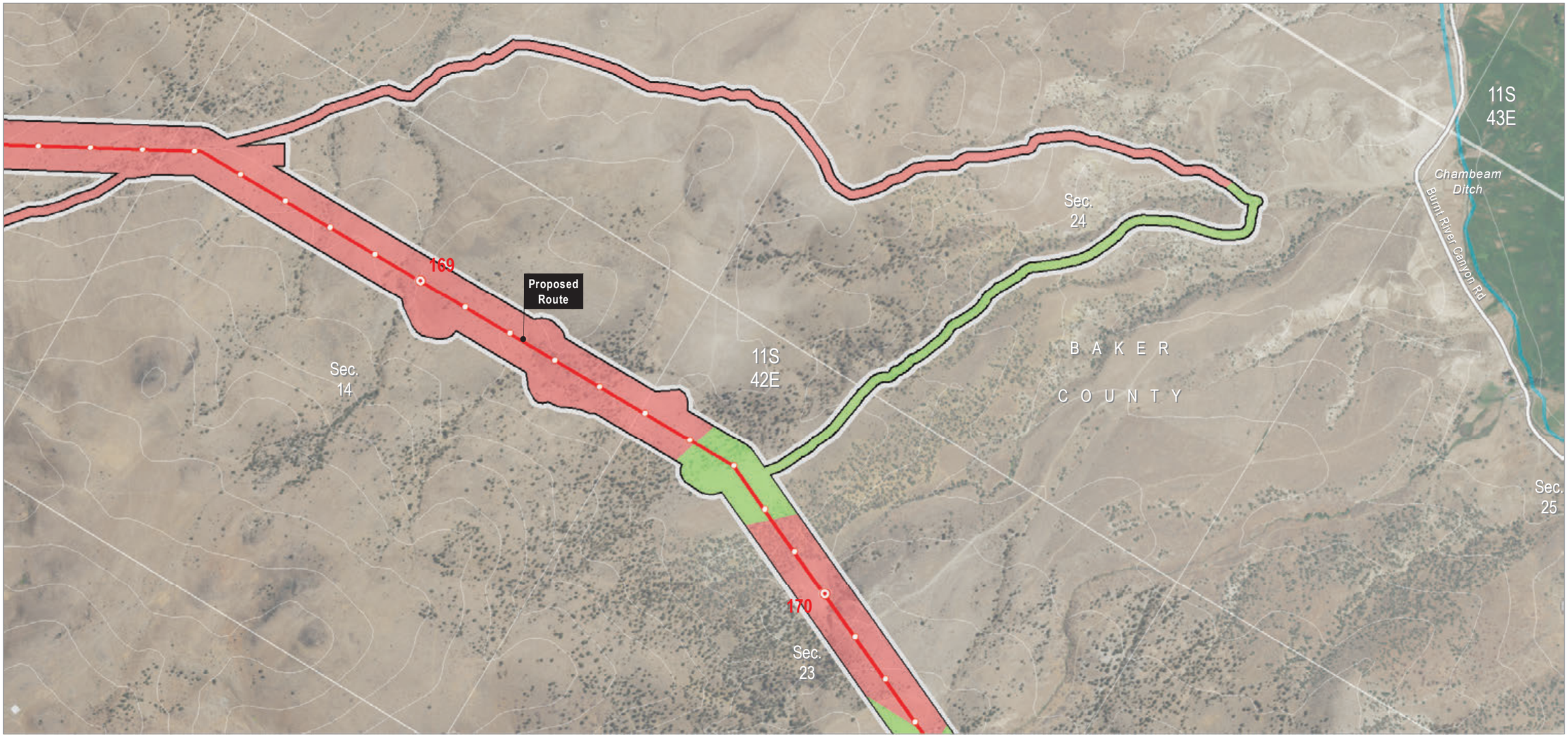
Boardman to Hemingway Transmission Line Project
Application for Site Certificate

IDAHO POWER
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Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Baker County

Map 86



0 1,000
Feet

OREGON

Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State
Surveyed Locations
- Surveyed
- Not Surveyed

Project Features
- Site Boundary
- Transmission Centerline

Mileposts
- Mile
- Tenth-mile

Other Features
- 100-foot Contours
- Road
- Stream

Boardman to Hemingway Transmission Line Project
Application for Site Certificate

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Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Baker County

Map 87



0 1,000
Feet

Map Area

OREGON

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State
Surveyed Locations
- Surveyed
- Not Surveyed

Project Features
- Site Boundary
- Transmission Centerline

Mileposts
- Mile
- Tenth-mile

Other Features
- 100-foot Contours
- Road
- Stream

Boardman to Hemingway Transmission Line Project
Application for Site Certificate

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Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Baker County

Map 88



0 1,000
Feet

Map Area

OREGON

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State
Surveyed Locations
Surveyed

Project Features
Site Boundary

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

Boardman to Hemingway Transmission Line Project
Application for Site Certificate

IDAHO POWER
An IDACORP Company

Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Baker County

Map 89



0 1,000
Feet



Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations
- Surveyed
- Not Surveyed

Project Features
- Site Boundary

Other Features
- 100-foot Contours
- Road
- Stream

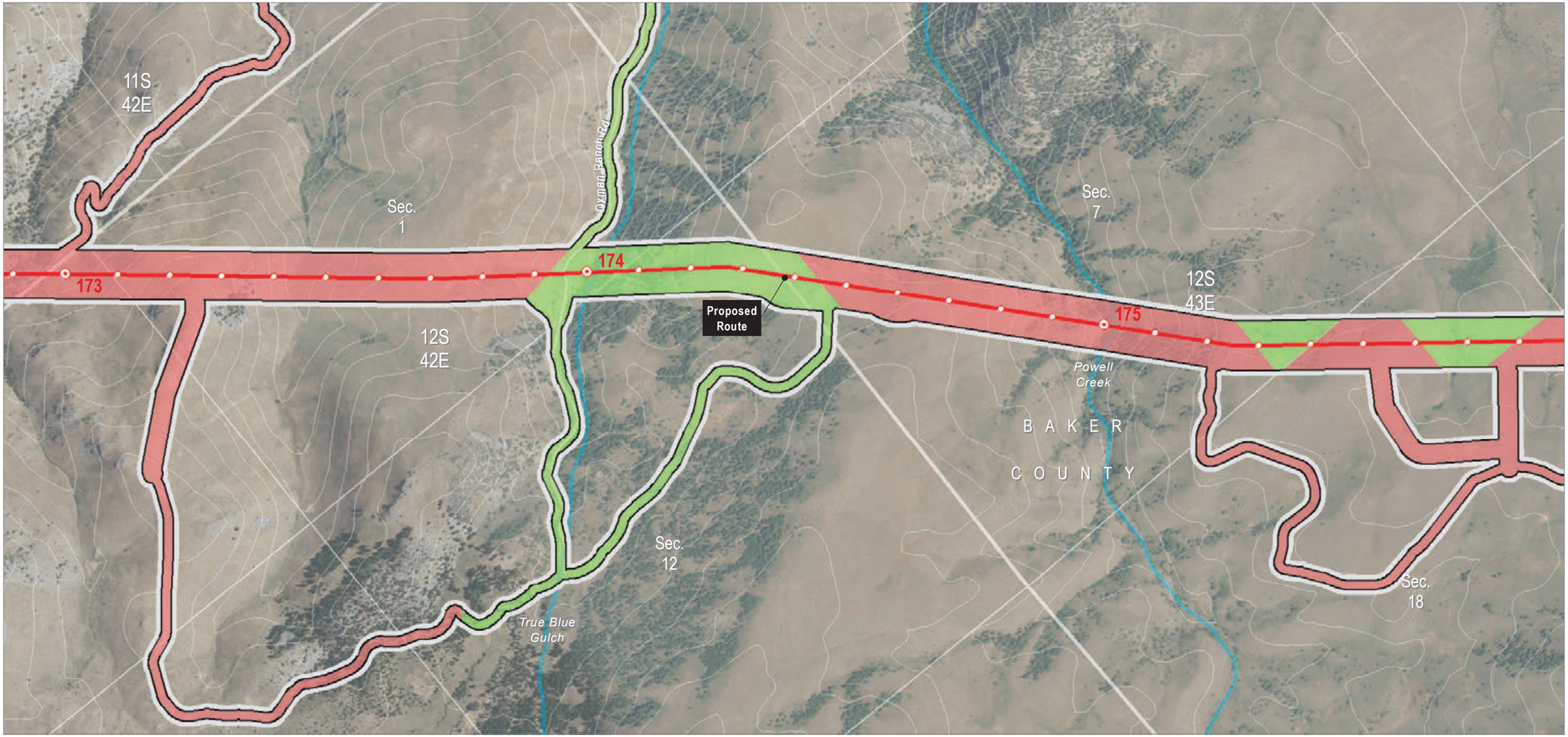
Boardman to Hemingway Transmission Line Project
Application for Site Certificate

IDAHO POWER
An IDACORP Company

Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Baker County

Map 90



0 1,000
Feet

Map Area



Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations
- Surveyed
- Not Surveyed

Project Features
- Site Boundary
- Transmission Centerline

Mileposts
- Mile
- Tenth-mile

Other Features
- 100-foot Contours
- Road
- Stream

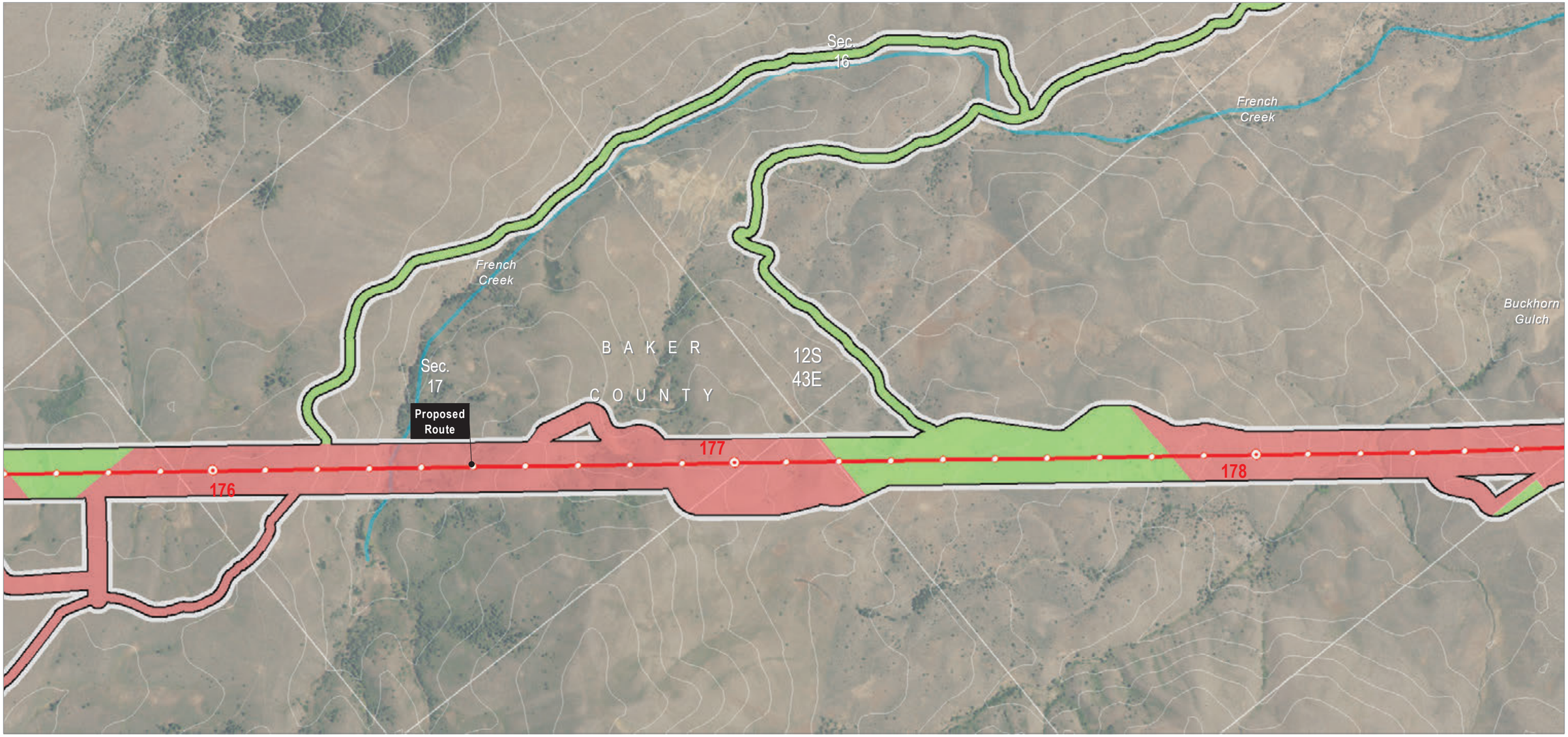
Boardman to Hemingway Transmission Line Project
Application for Site Certificate

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An IDACORP Company

Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Baker County

Map 91



0 1,000
Feet



Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State
Surveyed Locations
- Surveyed
- Not Surveyed

Project Features
- Site Boundary
- Transmission Centerline

Mileposts
- Mile
- Tenth-mile

Other Features
- 100-foot Contours
- Stream

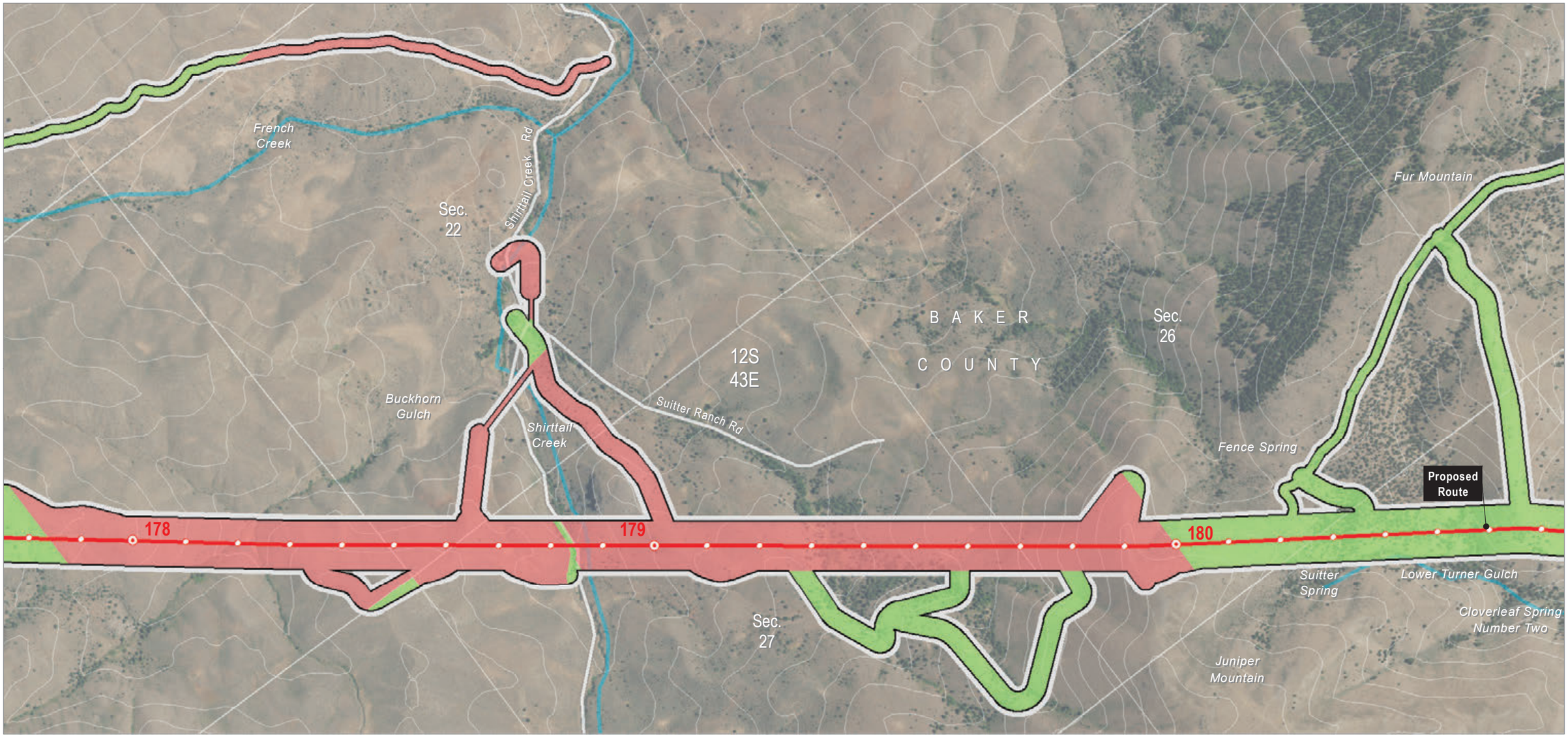
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Application for Site Certificate

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Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Baker County

Map 92



0 1,000
Feet

OREGON

Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations

- Surveyed
- Not Surveyed

Project Features

- Site Boundary
- Transmission Centerline

Mileposts

- Mile
- Tenth-mile

Other Features

- 100-foot Contours
- Road
- Stream

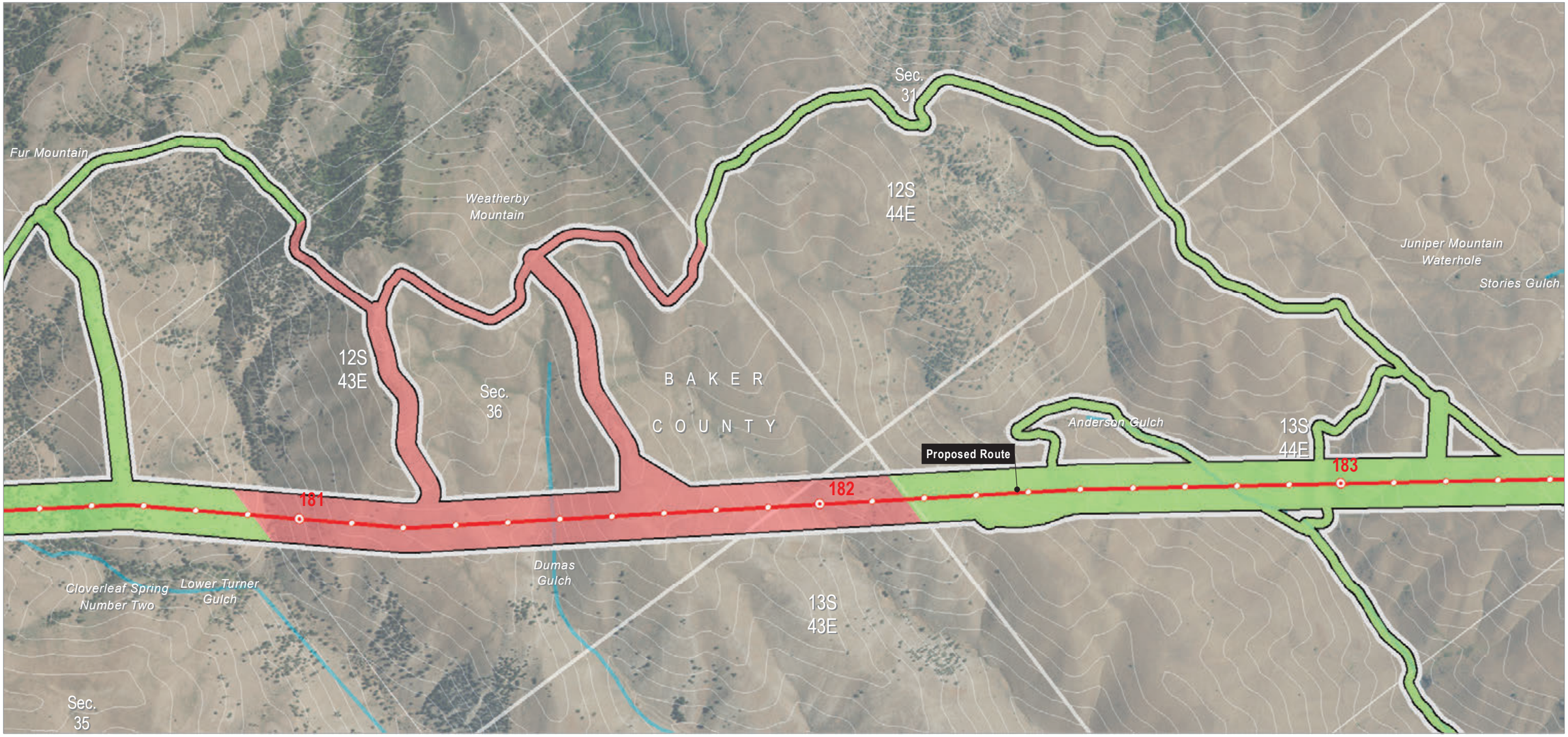
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Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Baker County

Map 93



0 1,000
Feet

OREGON

Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State
Surveyed Locations
- Surveyed
- Not Surveyed

Project Features
- Site Boundary
- Transmission Centerline

Mileposts
- Mile
- Tenth-mile

Other Features
- 100-foot Contours
- Stream

Boardman to Hemingway Transmission Line Project
Application for Site Certificate

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An IDACORP Company

Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Baker County

Map 94



0 1,000
Feet



Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations
- Surveyed

Project Features
- Site Boundary
- Transmission Centerline

Mileposts
- Mile
- Tenth-mile

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

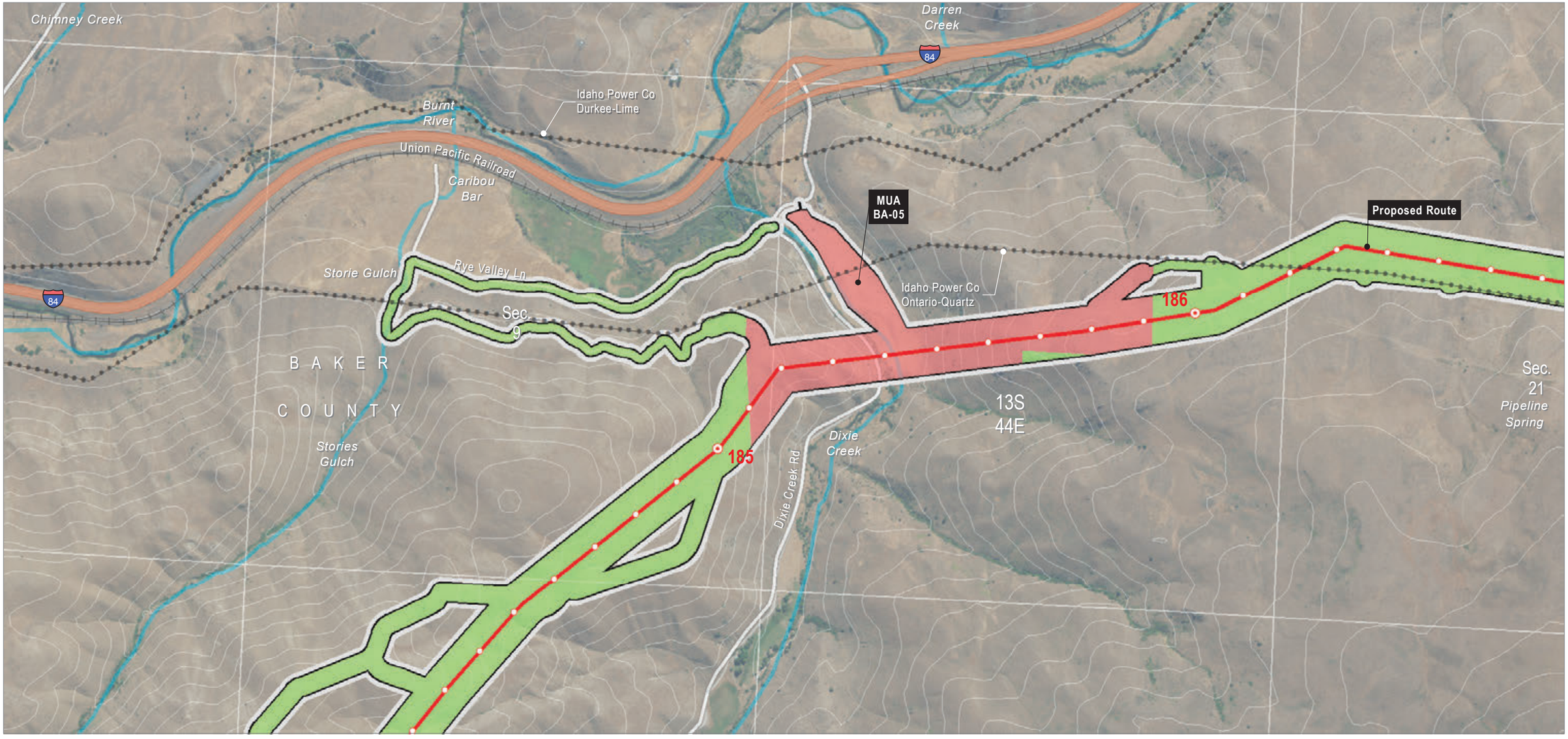
Boardman to Hemingway Transmission Line Project
Application for Site Certificate

IDAHO POWER
An IDACORP Company

Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Baker County

Map 95



0 1,000
Feet

Map Area

OREGON

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State
Surveyed Locations
- Surveyed
- Not Surveyed

Project Features
- Site Boundary
- Transmission Centerline

Mileposts
- Mile
- Tenth-mile

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

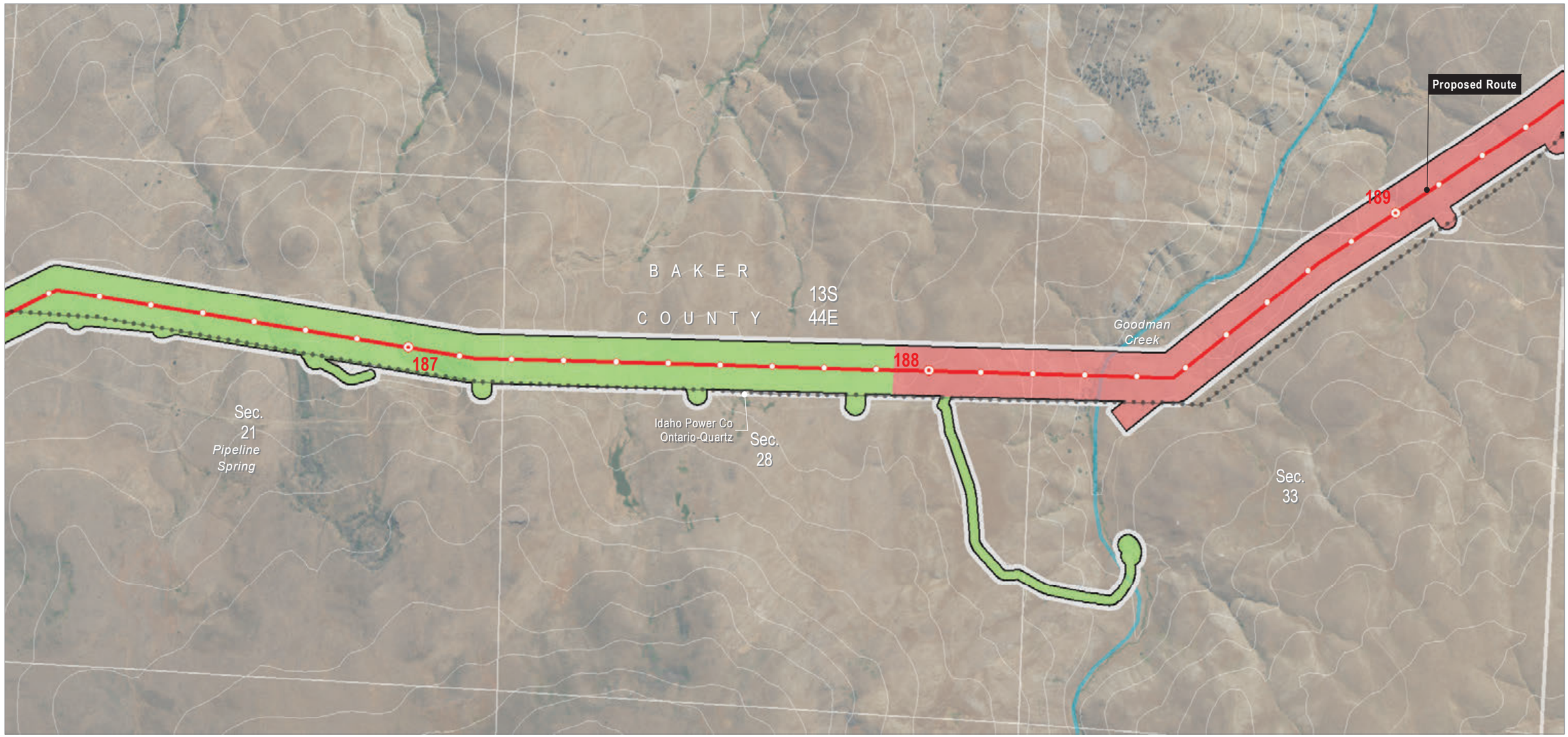
Boardman to Hemingway Transmission Line Project
Application for Site Certificate

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An IDACORP Company

Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Baker County

Map 96



0 1,000
Feet

OREGON

Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations

- Surveyed
- Not Surveyed

Project Features

- Site Boundary
- Transmission Centerline

Mileposts

- Mile
- Tenth-mile

Other Features

- 100-foot Contours
- Existing Transmission Lines
- Stream

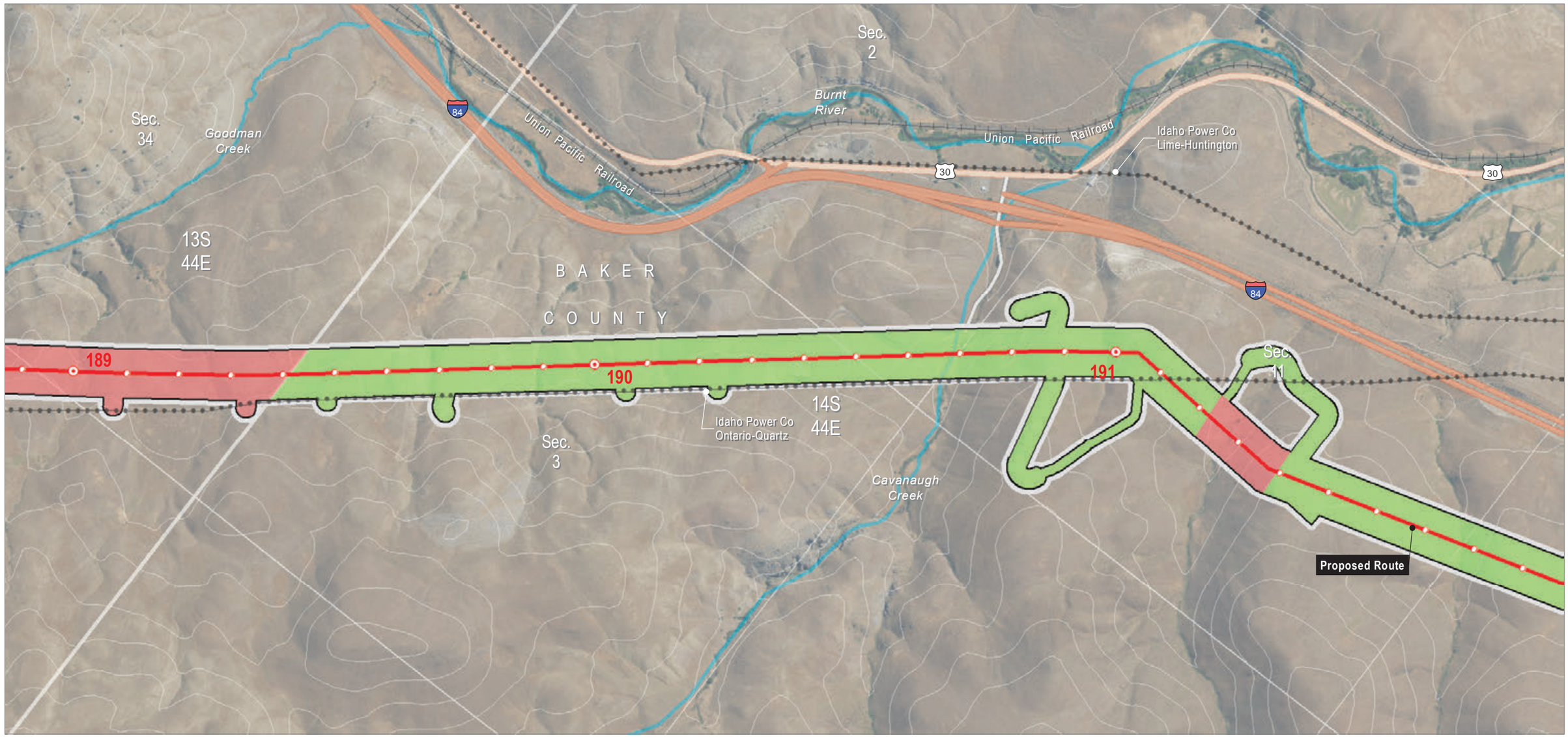
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Application for Site Certificate

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Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Baker County

Map 97



Map Area



0 1,000
Feet

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations
- Surveyed
- Not Surveyed

Project Features
- Site Boundary
- Transmission Centerline

Mileposts
- Mile
- Tenth-mile

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

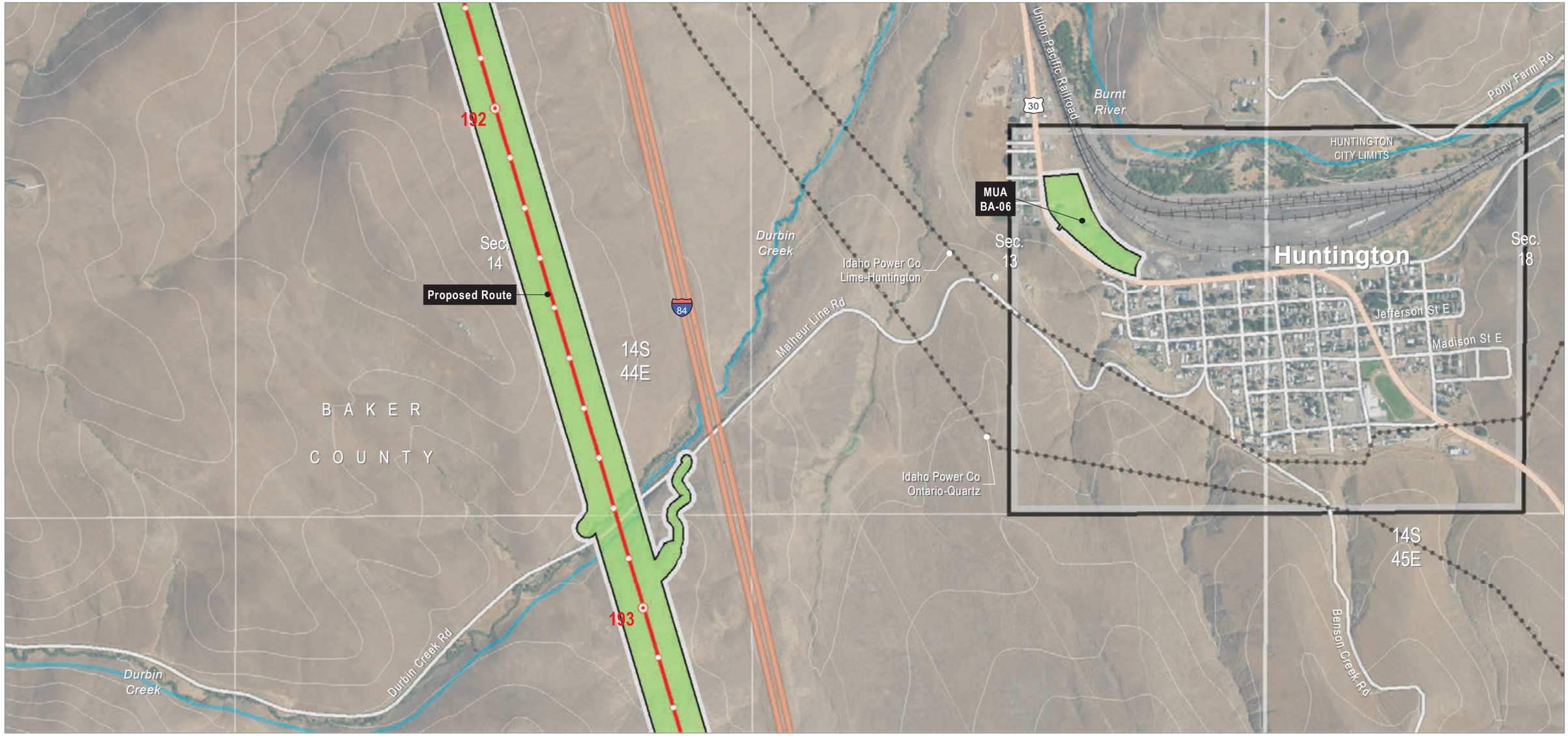
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Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Baker County

Map 98



0 1,000 Feet

OREGON

Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State
- Surveyed Locations
  - Surveyed

Project Features
- Site Boundary
- Transmission Centerline

Mileposts
- Mile
- Tenth-mile

Other Features
- 100-foot Contours
- Existing Transmission Lines
- Interstate
- Highway
- Road
- Railroad
- Stream
- City Limits

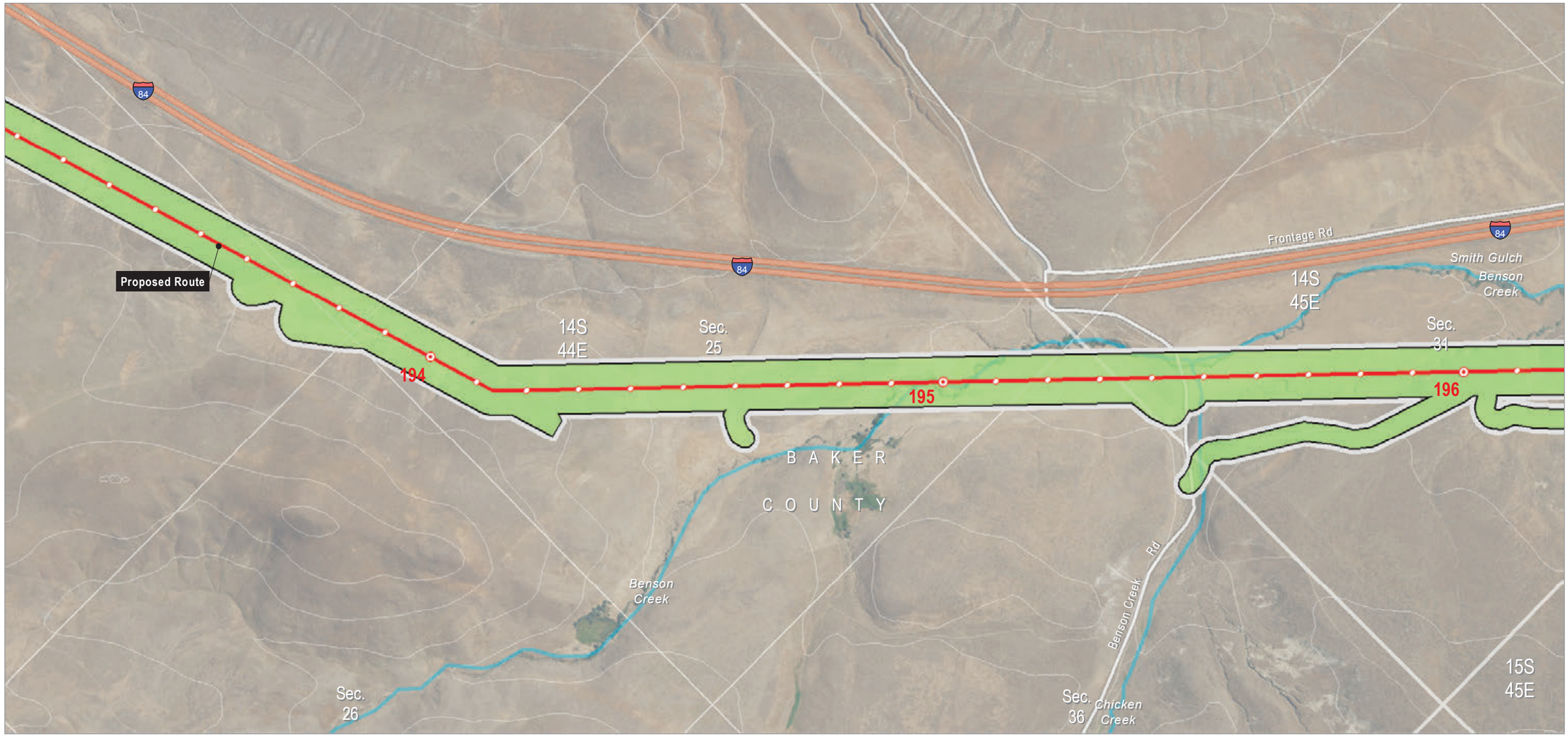
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Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Baker County

Map 99



0 1,000
Feet

Map Area

OREGON

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State
Surveyed Locations
Surveyed

Project Features
Site Boundary
Transmission Centerline
Mileposts
Mile
Tenth-mile

Other Features
100-foot Contours
Interstate
Road
Stream

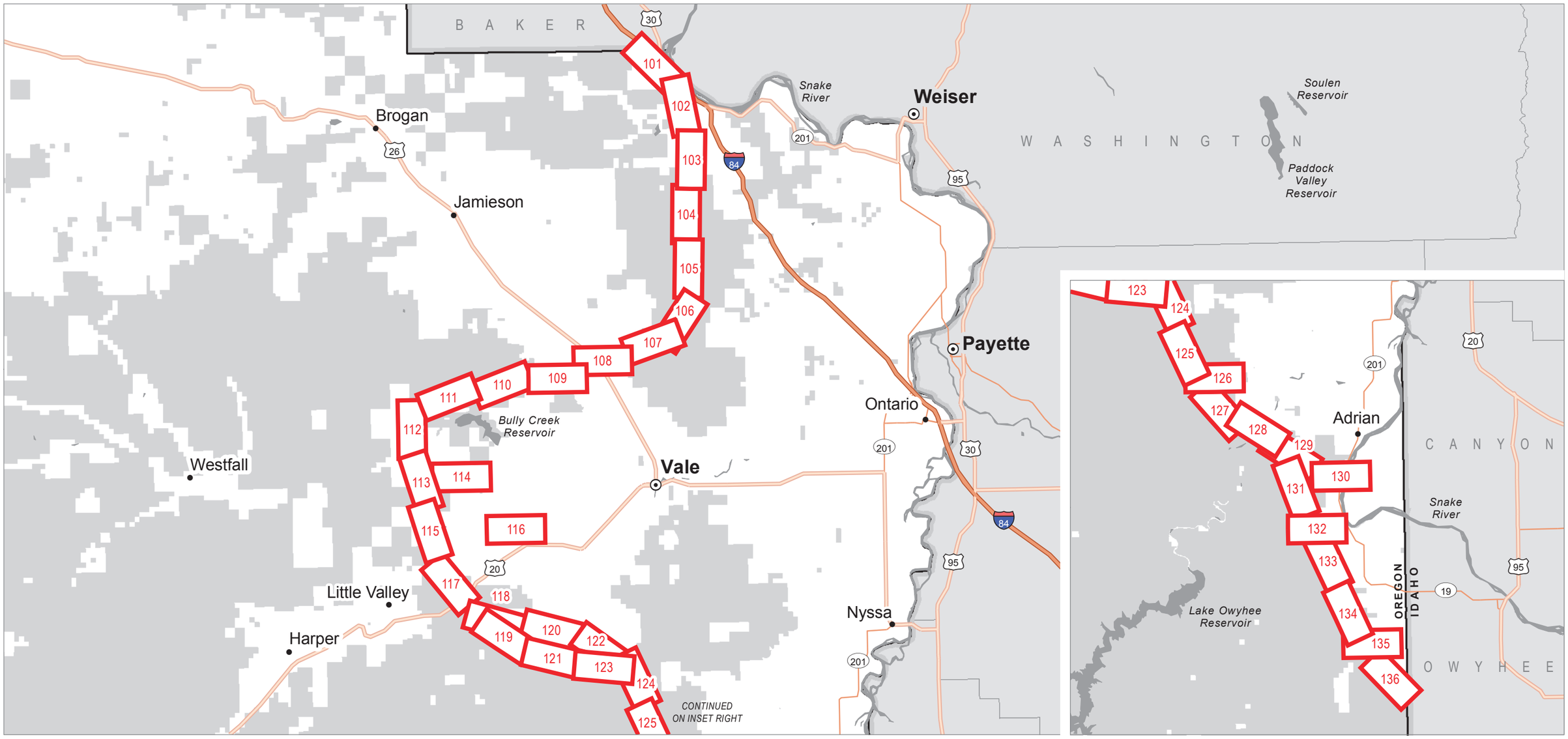
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Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Baker County

Map 100



0 5
Miles

Map Area



Source(s): BLM, IPC, Esri

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Map Index

Location Map (Map #)

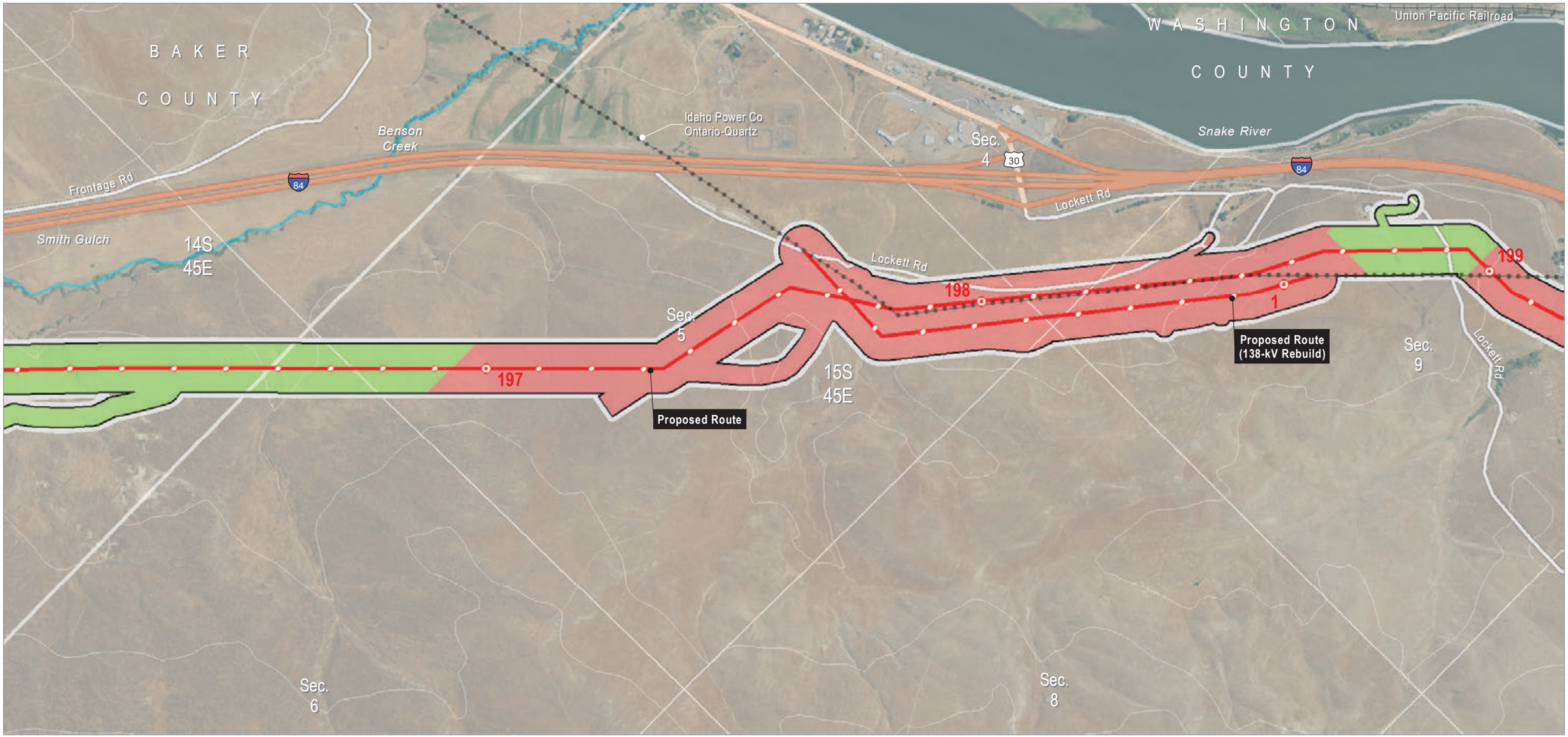
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Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Malheur County

Map Index



0 1,000
Feet

OREGON

Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations
- Surveyed
- Not Surveyed

Project Features
- Site Boundary
- Transmission Centerline

Mileposts
- Mile
- Tenth-mile

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

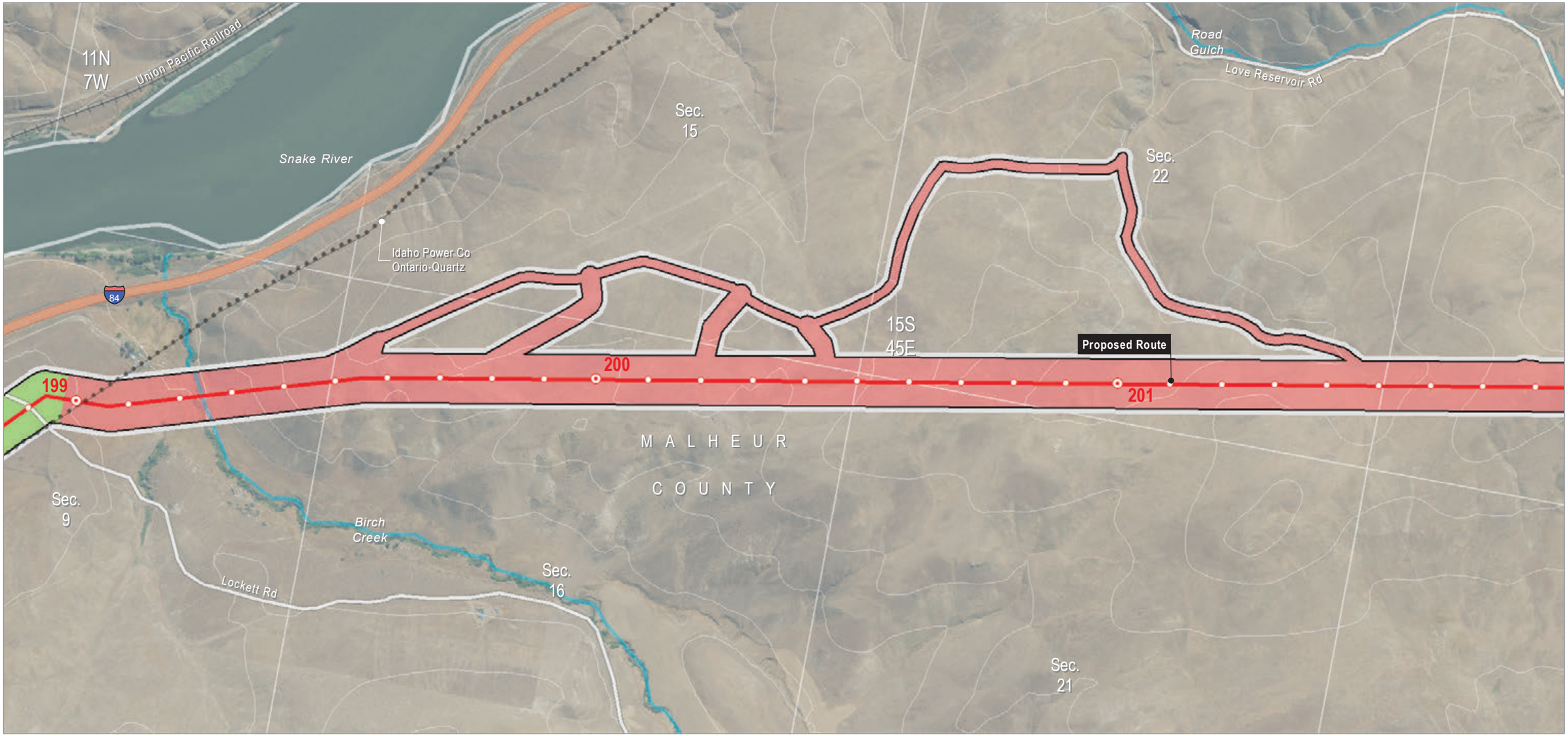
Boardman to Hemingway Transmission Line Project
Application for Site Certificate

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An IDACORP Company

Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Malheur County

Map 101



0 1,000
Feet

Map Area



Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations
- Surveyed
- Not Surveyed

Project Features
- Site Boundary
- Transmission Centerline

Mileposts
- Mile
- Tenth-mile

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

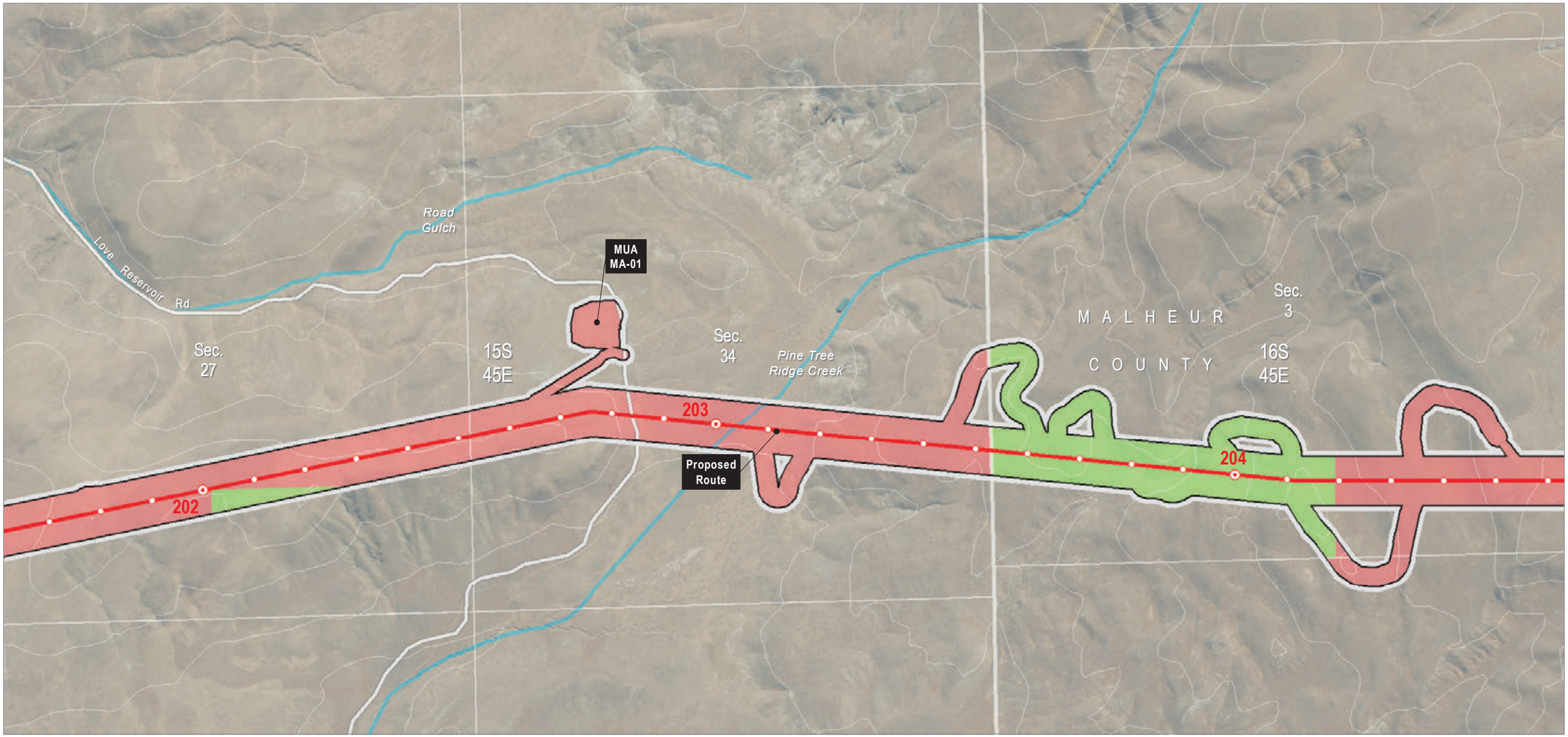
Boardman to Hemingway Transmission Line Project
Application for Site Certificate

IDAHO POWER
An IDACORP Company

Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Malheur County

Map 102



0 1,000
Feet

Map Area



Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations
- Surveyed
- Not Surveyed

Project Features
- Site Boundary
- Transmission Centerline

Mileposts
- Mile
- Tenth-mile

Other Features
- 100-foot Contours
- Road
- Stream

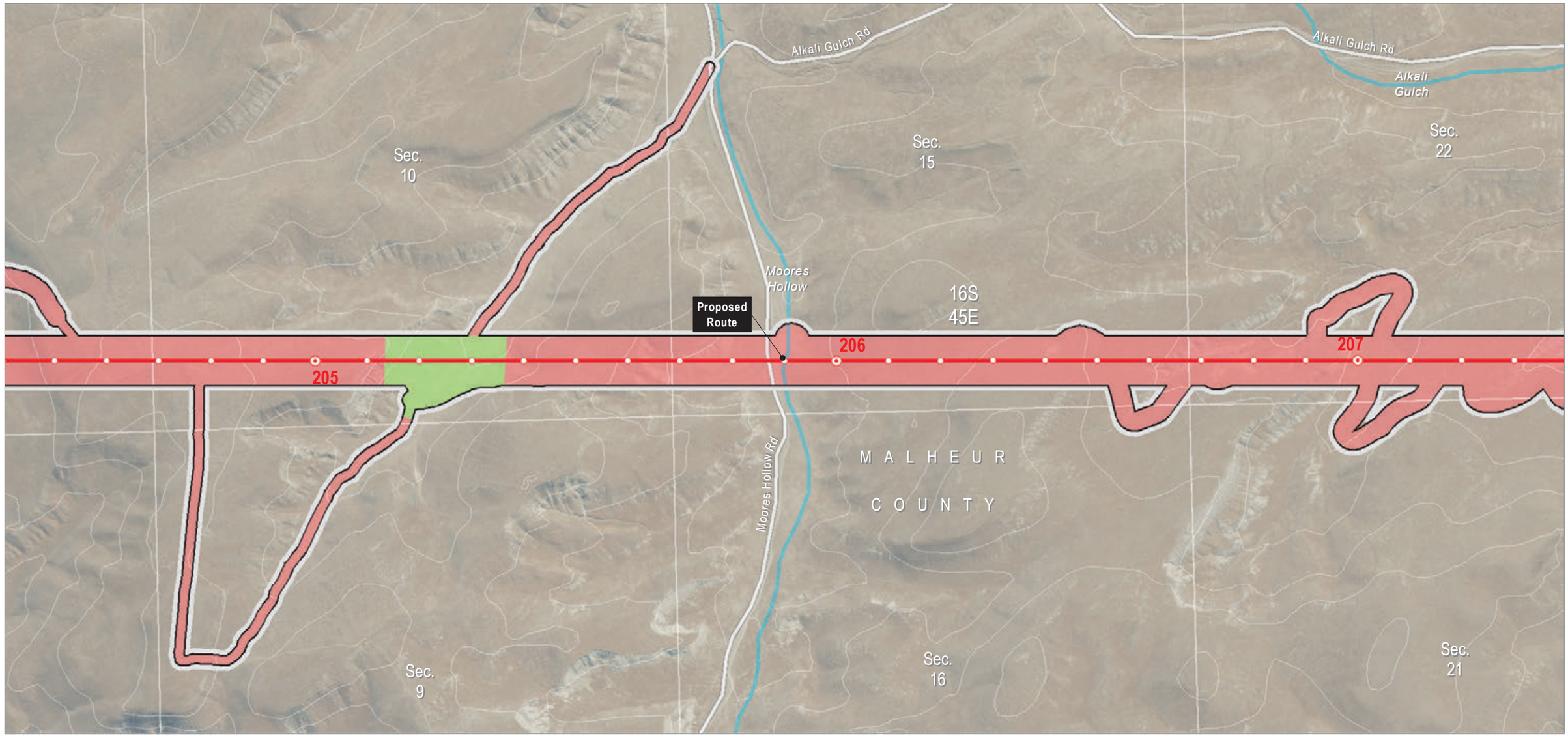
Boardman to Hemingway Transmission Line Project
Application for Site Certificate

IDAHO POWER
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Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Malheur County

Map 103



0 1,000
Feet

OREGON

Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations

- Surveyed
- Not Surveyed

Project Features

- Site Boundary
- Transmission Centerline

Mileposts

- Mile
- Tenth-mile

Other Features

- 100-foot Contours
- Road
- Stream

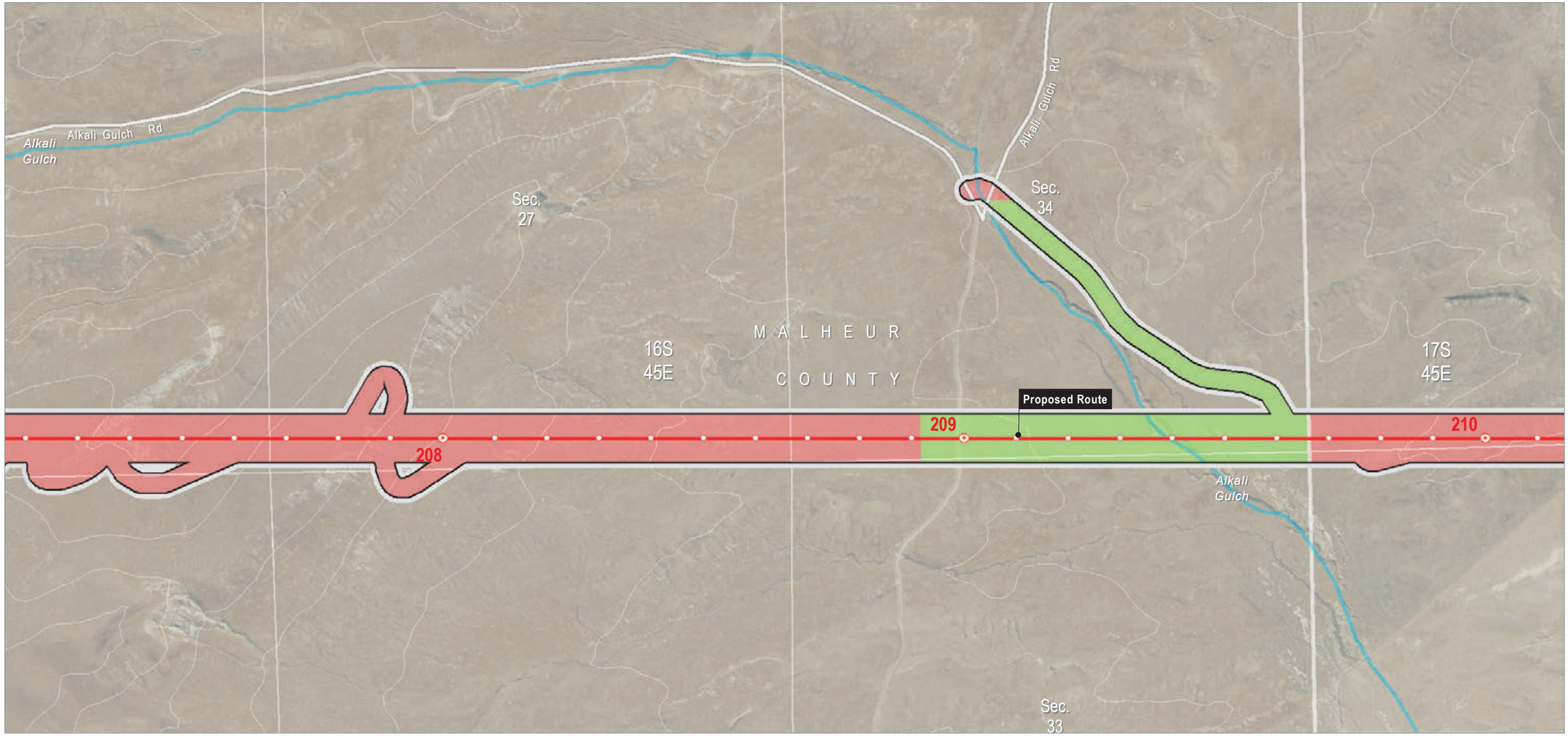
Boardman to Hemingway Transmission Line Project
Application for Site Certificate

IDAHO POWER
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Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Malheur County

Map 104



0 1,000
Feet

OREGON

Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations
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Project Features
- Site Boundary
- Transmission Centerline

Mileposts
- Mile
- Tenth-mile

Other Features
- 100-foot Contours
- Road
- Stream

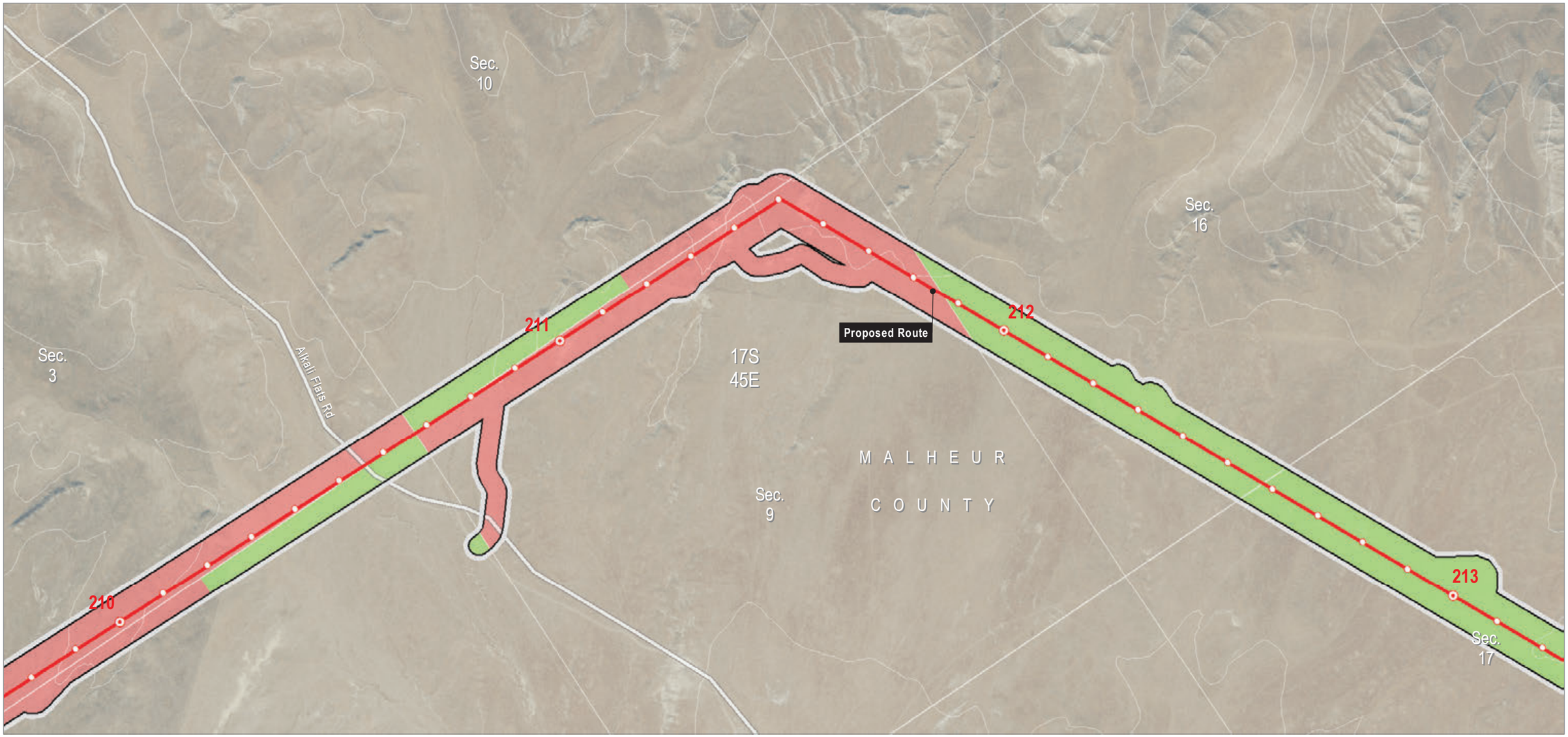
Boardman to Hemingway Transmission Line Project
Application for Site Certificate

IDAHO POWER
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Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Malheur County

Map 105



0 1,000
Feet

OREGON

Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations
- Surveyed
- Not Surveyed

Project Features
- Site Boundary
- Transmission Centerline

Mileposts
- Mile
- Tenth-mile

Other Features
- 100-foot Contours
- Road

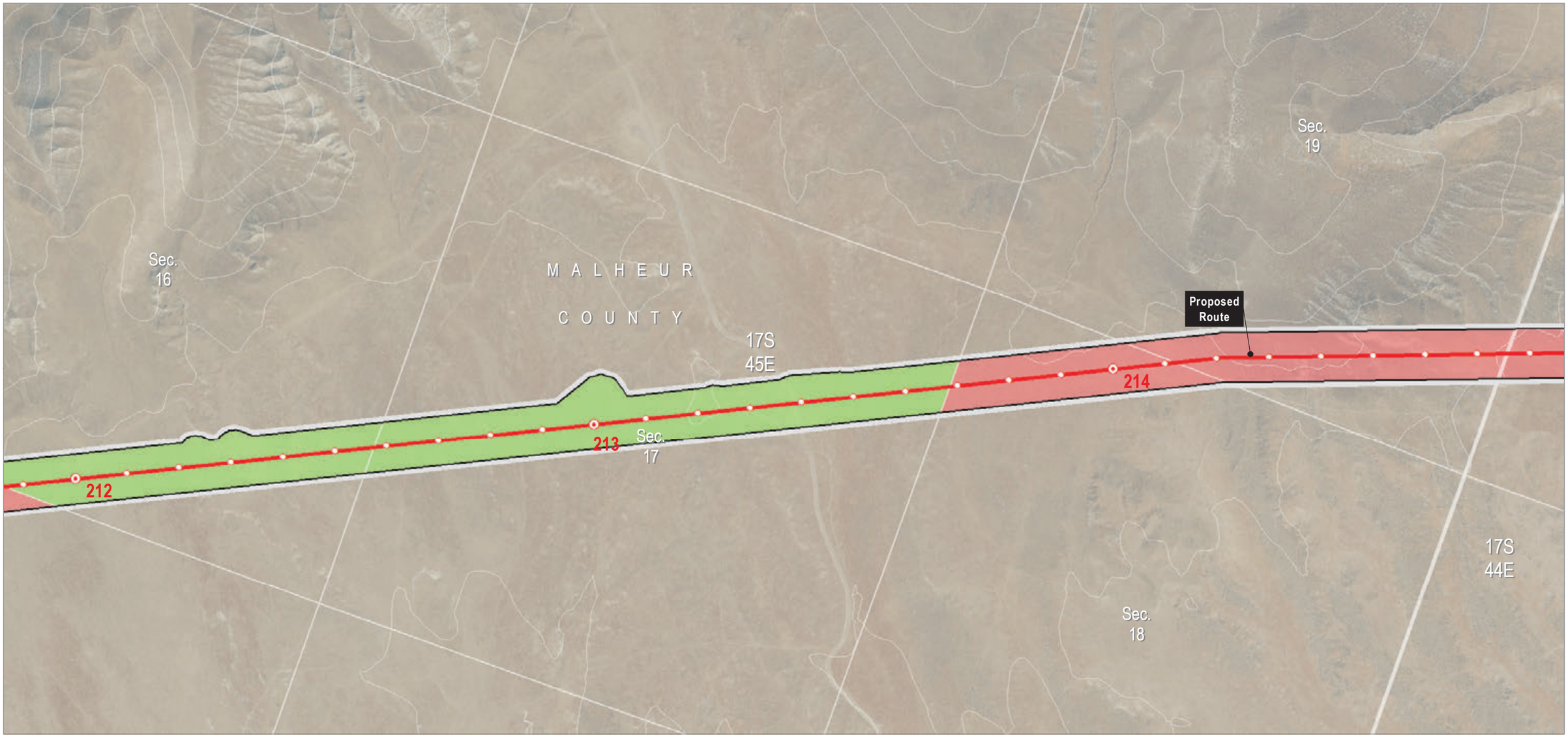
Boardman to Hemingway Transmission Line Project
Application for Site Certificate

IDAHO POWER
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Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Malheur County

Map 106



0 1,000
Feet

OREGON

Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations

- Surveyed
- Not Surveyed

Project Features

- Site Boundary
- Transmission Centerline

Mileposts

- Mile
- Tenth-mile

Other Features

- 100-foot Contours

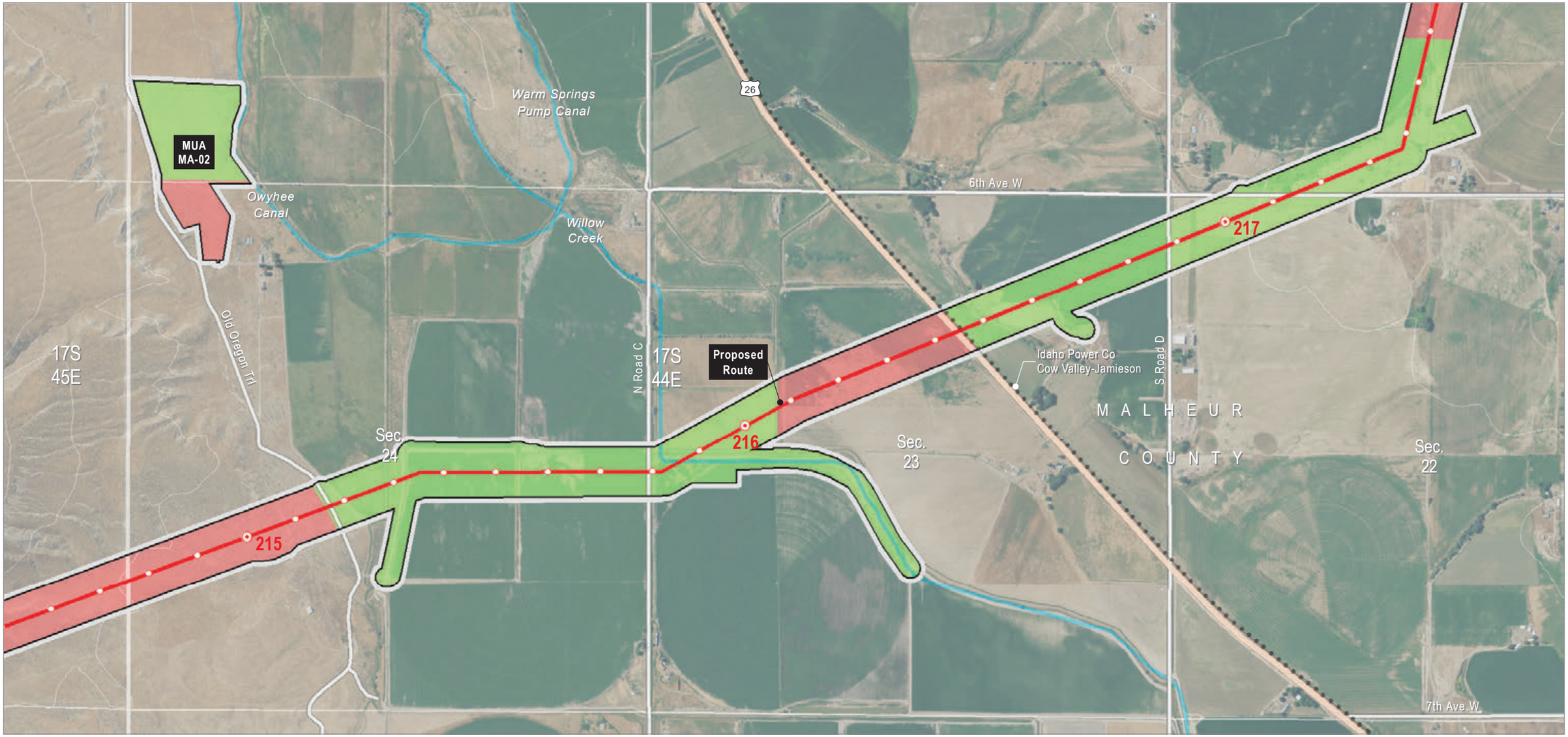
Boardman to Hemingway Transmission Line Project
Application for Site Certificate

IDAHO POWER
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Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Malheur County

Map 107



0 1,000
Feet

Map Area

OREGON

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations
- Surveyed
- Not Surveyed

Project Features
- Site Boundary
- Transmission Centerline

Mileposts
- Mile
- Tenth-mile

Other Features
- 100-foot Contours
- Existing Transmission Lines
- Highway
- Road
- Stream

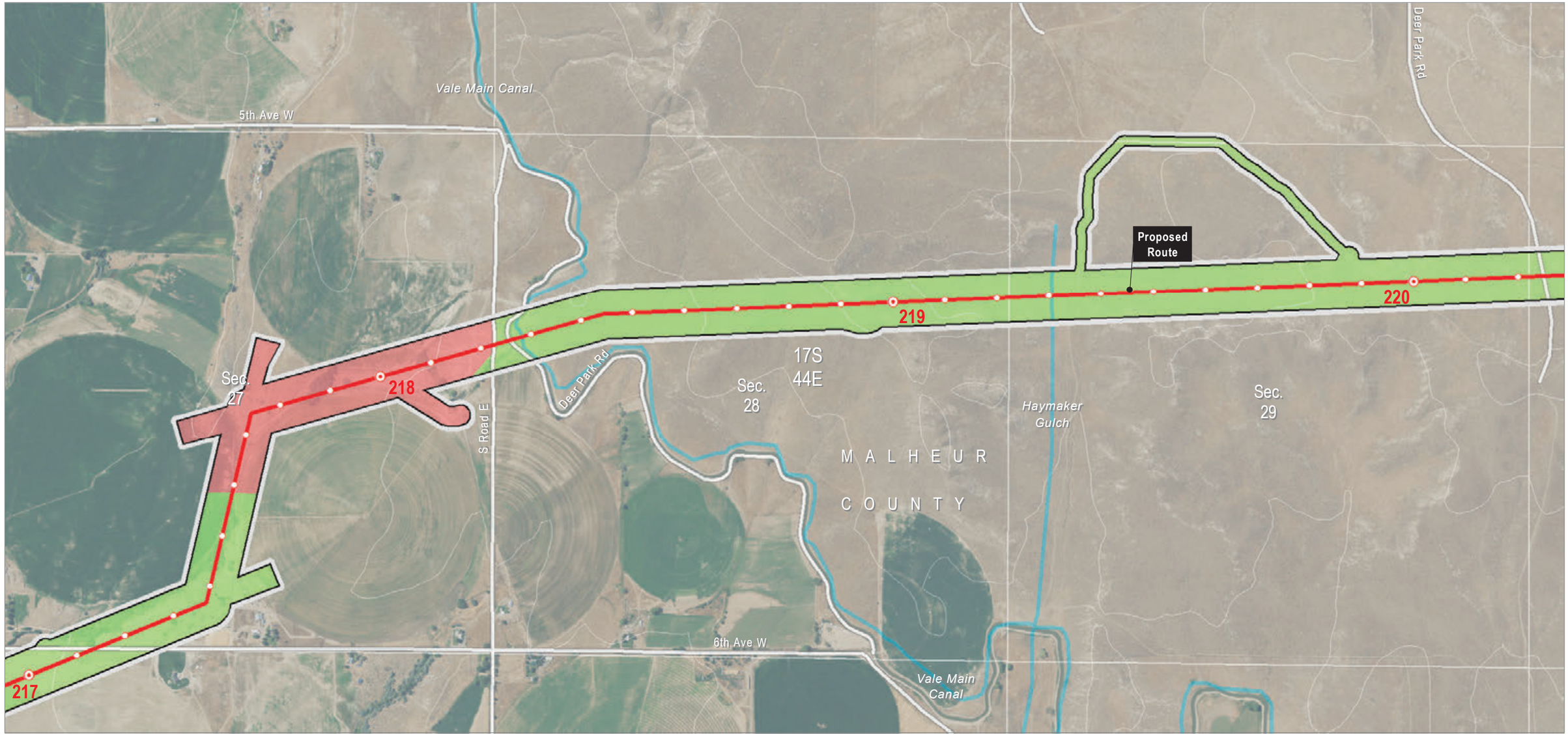
Boardman to Hemingway Transmission Line Project
Application for Site Certificate

IDAHO POWER
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Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Malheur County

Map 108



0 1,000
Feet

Map Area

OREGON

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State
Surveyed Locations
- Surveyed
- Not Surveyed

Project Features
- Site Boundary
- Transmission Centerline

Mileposts
- Mile
- Tenth-mile

Other Features
- 100-foot Contours
- Road
- Stream

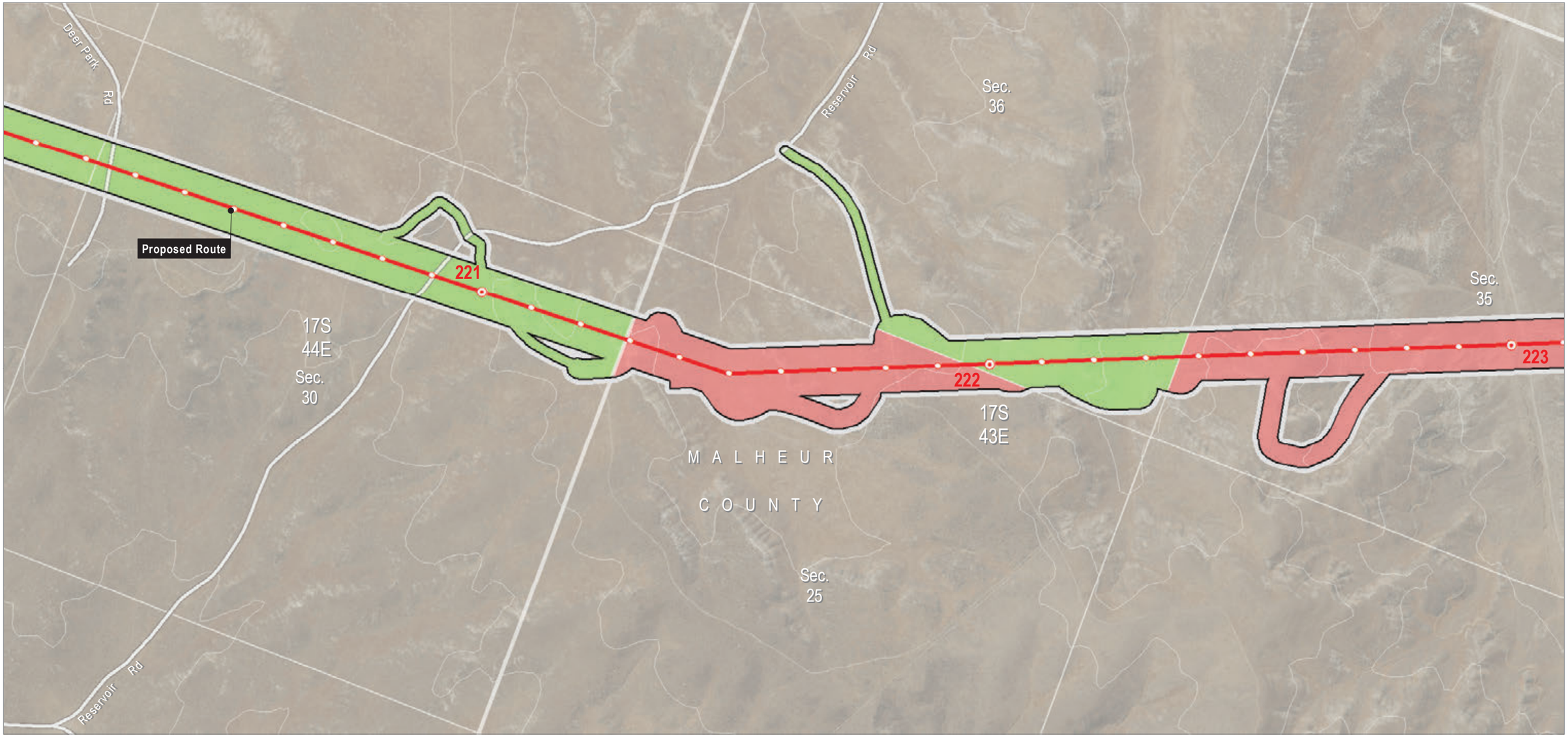
Boardman to Hemingway Transmission Line Project
Application for Site Certificate

IDAHO POWER
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Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Malheur County

Map 109



0 1,000
Feet

OREGON

Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State
Surveyed Locations
- Surveyed
- Not Surveyed

Project Features
- Site Boundary
- Transmission Centerline

Mileposts
- Mile
- Tenth-mile

Other Features
- 100-foot Contours
- Road

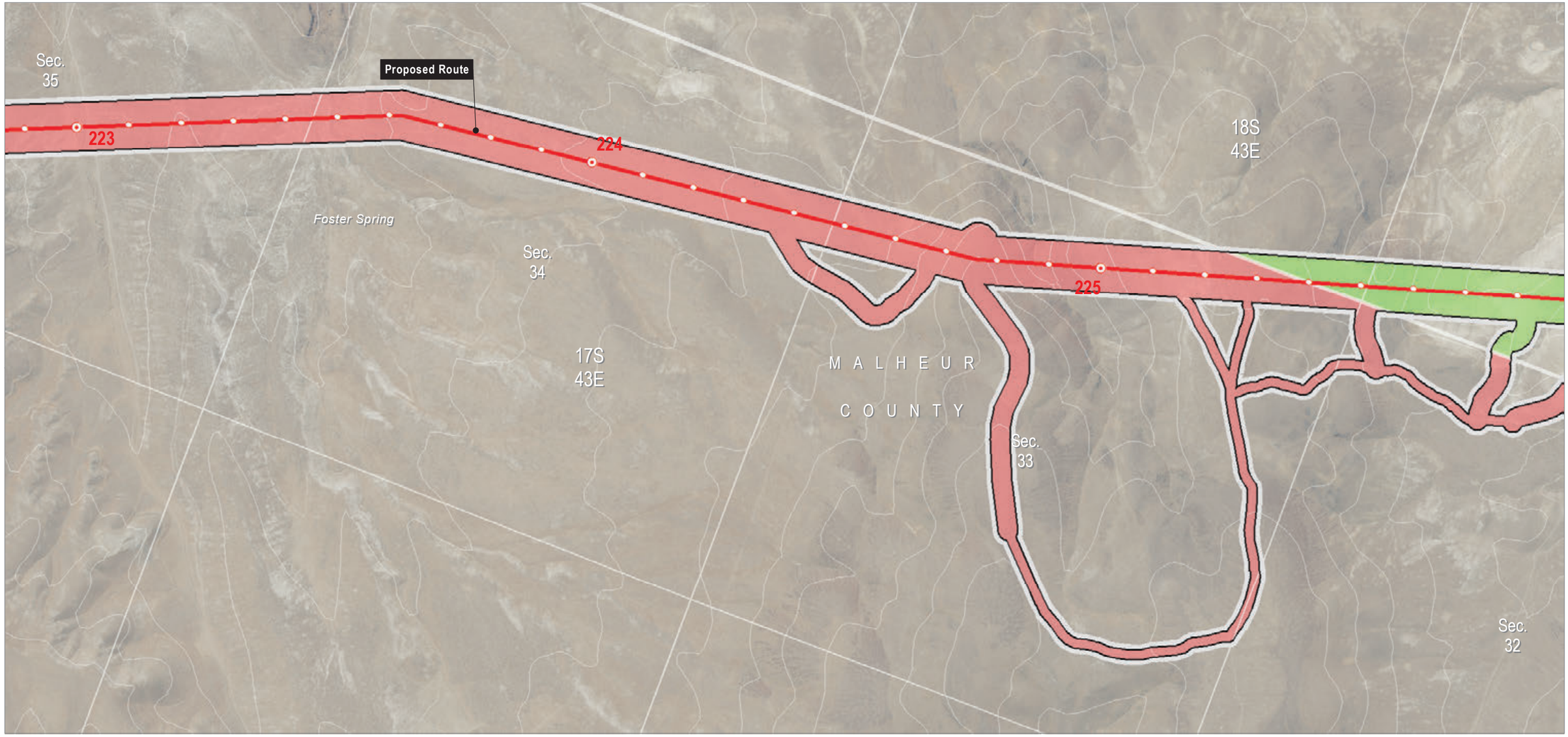
Boardman to Hemingway Transmission Line Project
Application for Site Certificate

IDAHO POWER
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Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Malheur County

Map 110



0 1,000
Feet

OREGON

Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State
Surveyed Locations
- Surveyed
- Not Surveyed

Project Features
- Site Boundary
- Transmission Centerline

Mileposts
- Mile
- Tenth-mile

Other Features
- 100-foot Contours

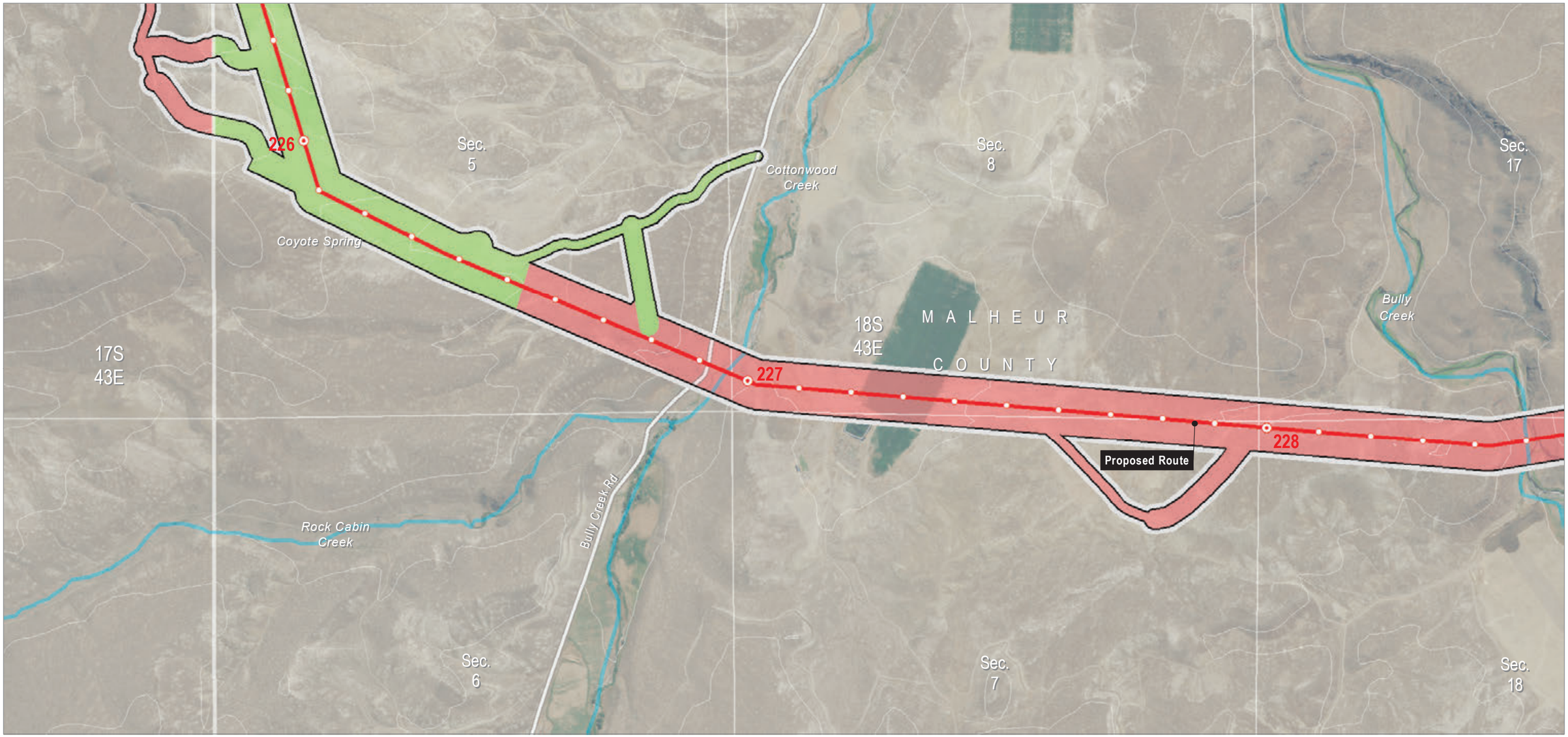
Boardman to Hemingway Transmission Line Project
Application for Site Certificate

IDAHO POWER
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Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Malheur County

Map 111



0 1,000
Feet

OREGON

Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations

- Surveyed
- Not Surveyed

Project Features

- Site Boundary
- Transmission Centerline

Mileposts

- Mile
- Tenth-mile

Other Features

- 100-foot Contours
- Road
- Stream

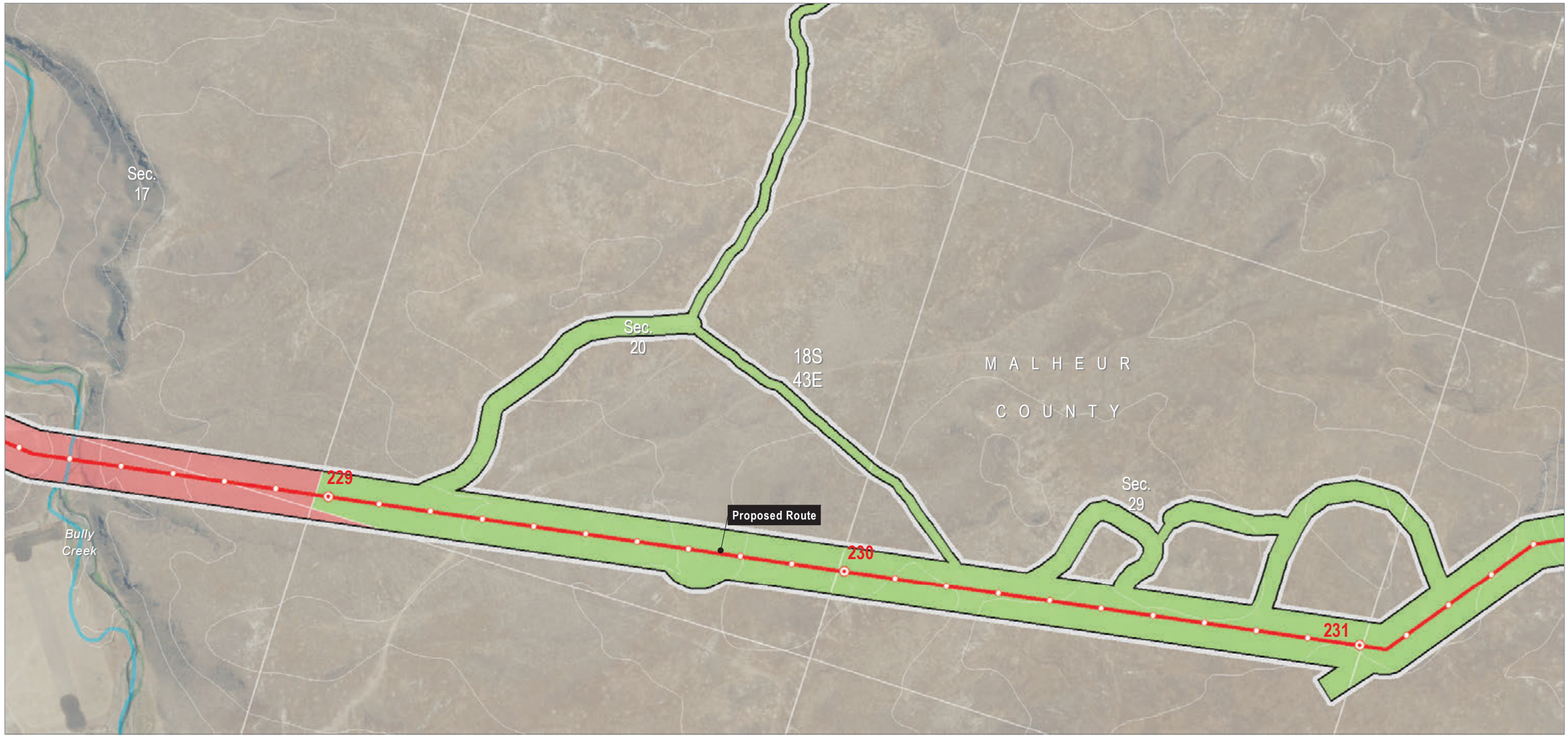
Boardman to Hemingway Transmission Line Project
Application for Site Certificate

IDAHO POWER
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Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Malheur County

Map 112



0 1,000
Feet

Map Area



Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations
- Surveyed
- Not Surveyed

Project Features
- Site Boundary
- Transmission Centerline

Mileposts
- Mile
- Tenth-mile

Other Features
- 100-foot Contours
- Stream

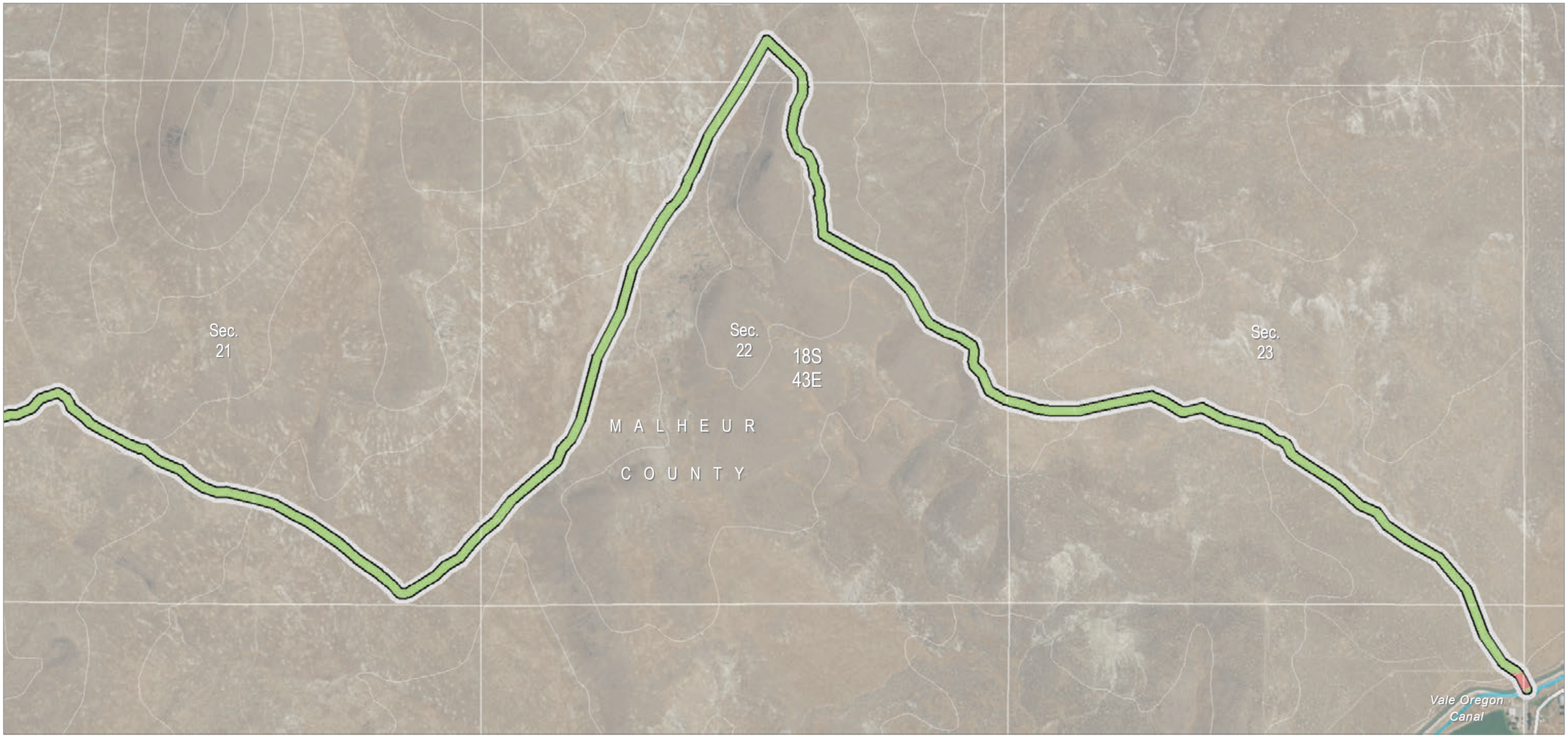
Boardman to Hemingway Transmission Line Project
Application for Site Certificate

IDAHO POWER
An IDACORP Company

Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Malheur County

Map 113



0 1,000
Feet

OREGON

Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations
- Surveyed
- Not Surveyed

Project Features
- Site Boundary

Other Features
- 100-foot Contours
- Road
- Stream

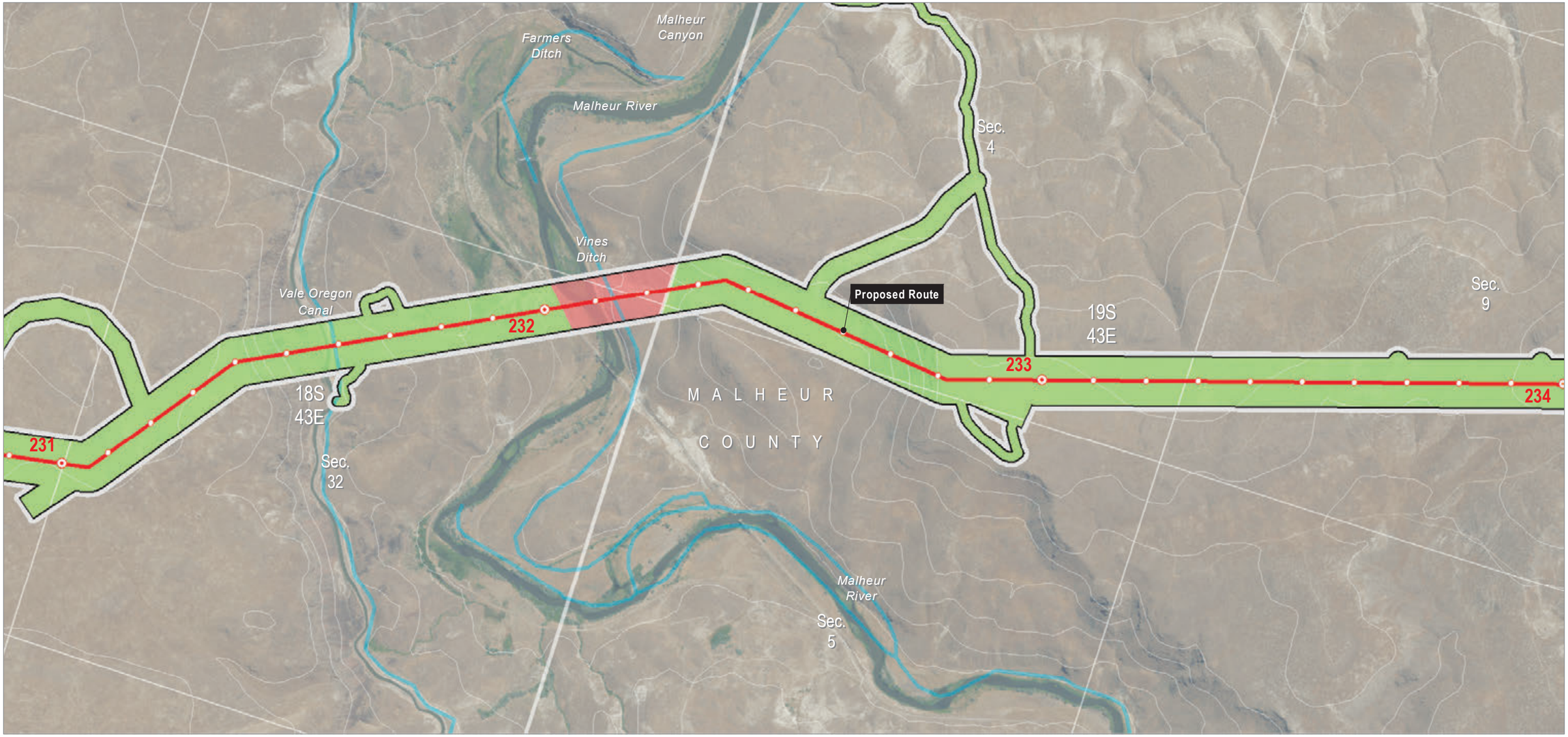
Boardman to Hemingway Transmission Line Project
Application for Site Certificate

IDAHO POWER
An IDACORP Company

Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Malheur County

Map 114



0 1,000
Feet



Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State
Surveyed Locations
- Surveyed
- Not Surveyed

Project Features
- Site Boundary
- Transmission Centerline

Mileposts
- Mile
- Tenth-mile

Other Features
- 100-foot Contours
- Stream

Boardman to Hemingway Transmission Line Project
Application for Site Certificate

IDAHO POWER
An IDACORP Company

Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Malheur County

Map 115



N

0 1,000

Feet

OREGON

Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations

- Surveyed

Project Features

- Site Boundary

Other Features

- 100-foot Contours
- Existing Transmission Lines
- Road
- Railroad
- Stream

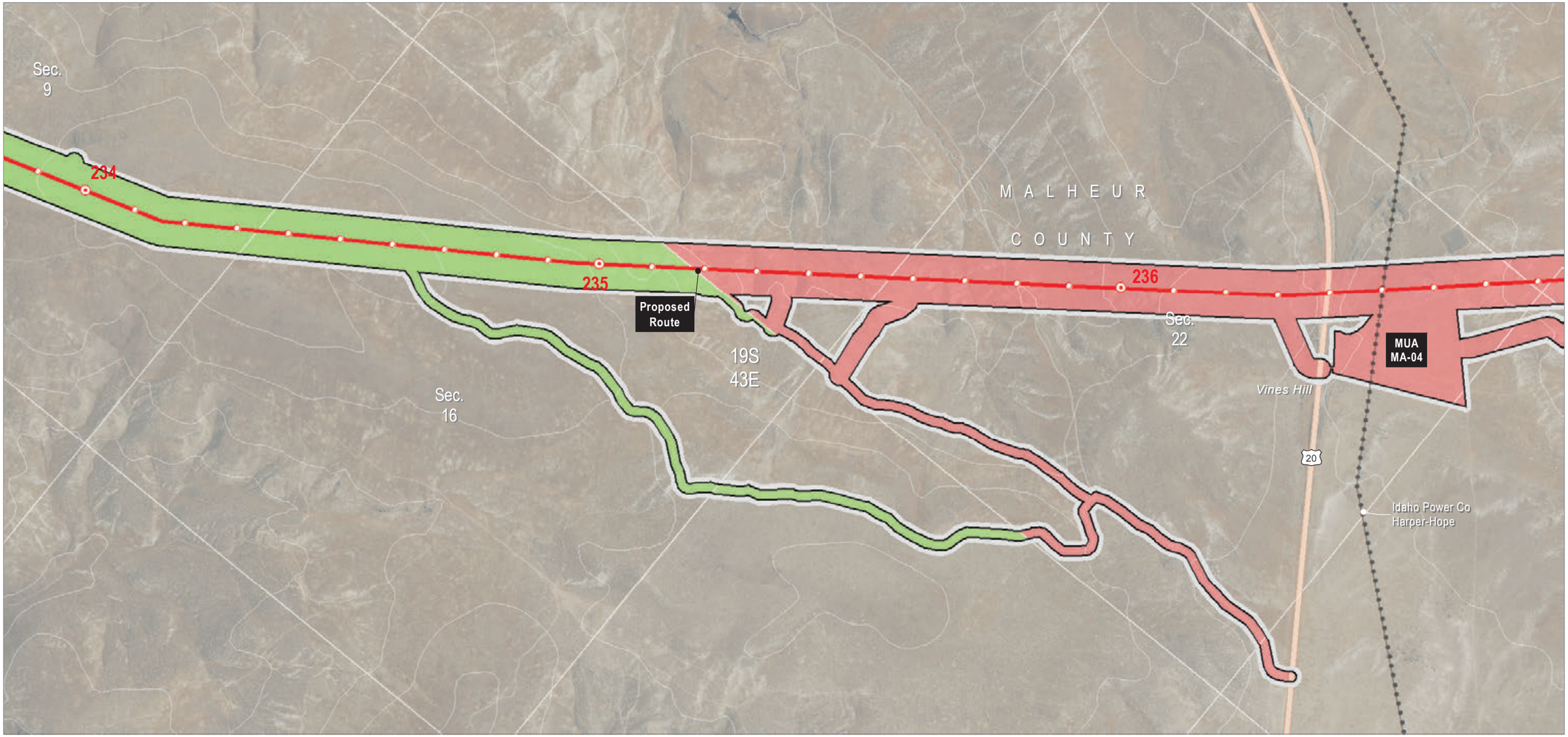
Boardman to Hemingway Transmission Line Project
Application for Site Certificate

IDAHO POWER
An IDACORP Company

Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Malheur County

Map 116



0 1,000
Feet

OREGON

Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations

- Surveyed
- Not Surveyed

Project Features

- Site Boundary
- Transmission Centerline

Mileposts

- Mile
- Tenth-mile

Other Features

- 100-foot Contours
- Existing Transmission Lines
- Highway

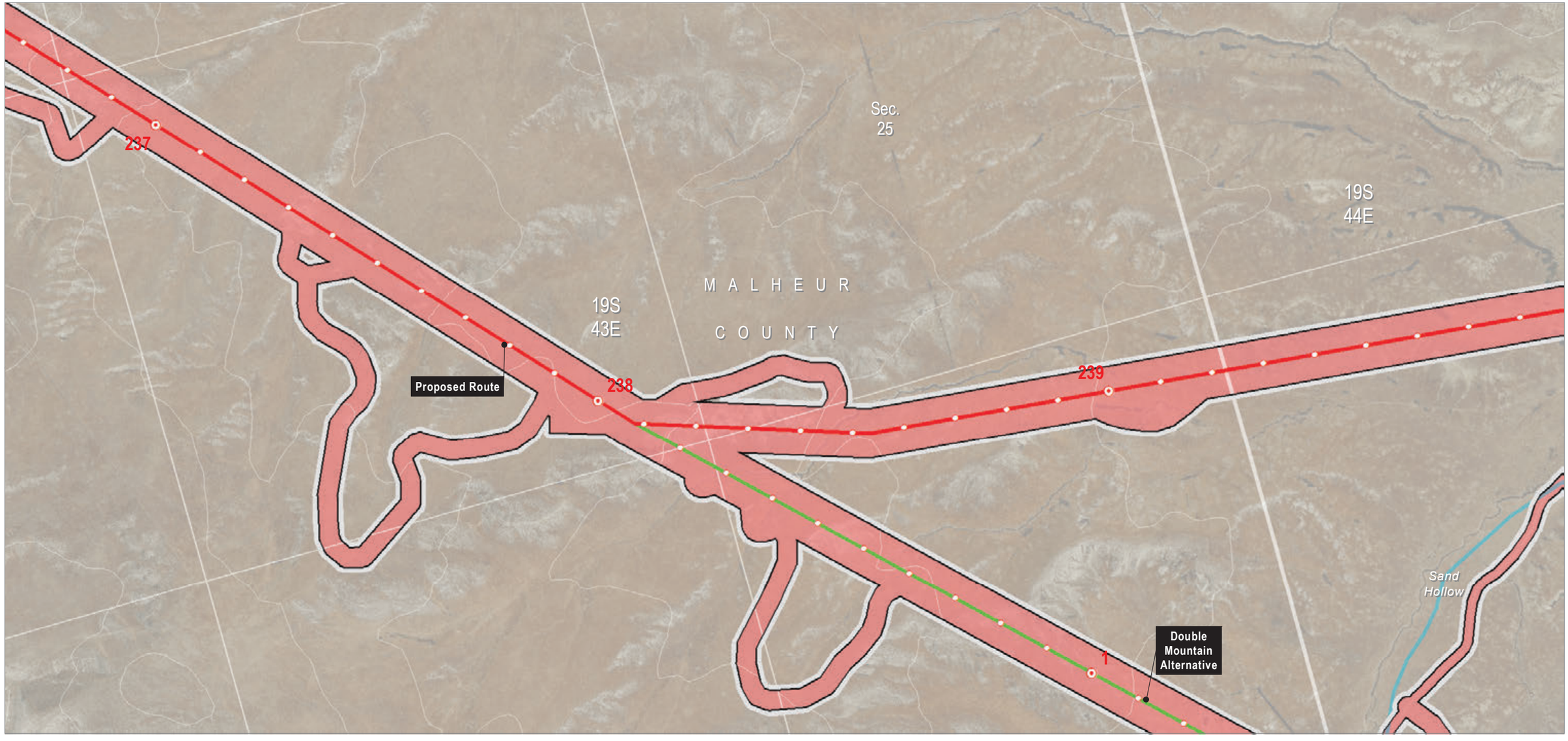
Boardman to Hemingway Transmission Line Project
Application for Site Certificate

IDAHO POWER
An IDACORP Company

Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Malheur County

Map 117



0 1,000
Feet

OREGON

Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State
Surveyed Locations
- Not Surveyed

Project Features
- Site Boundary
- Transmission Centerline
- Alternative

Mileposts
- Mile
- Tenth-mile

Other Features
- 100-foot Contours
- Stream

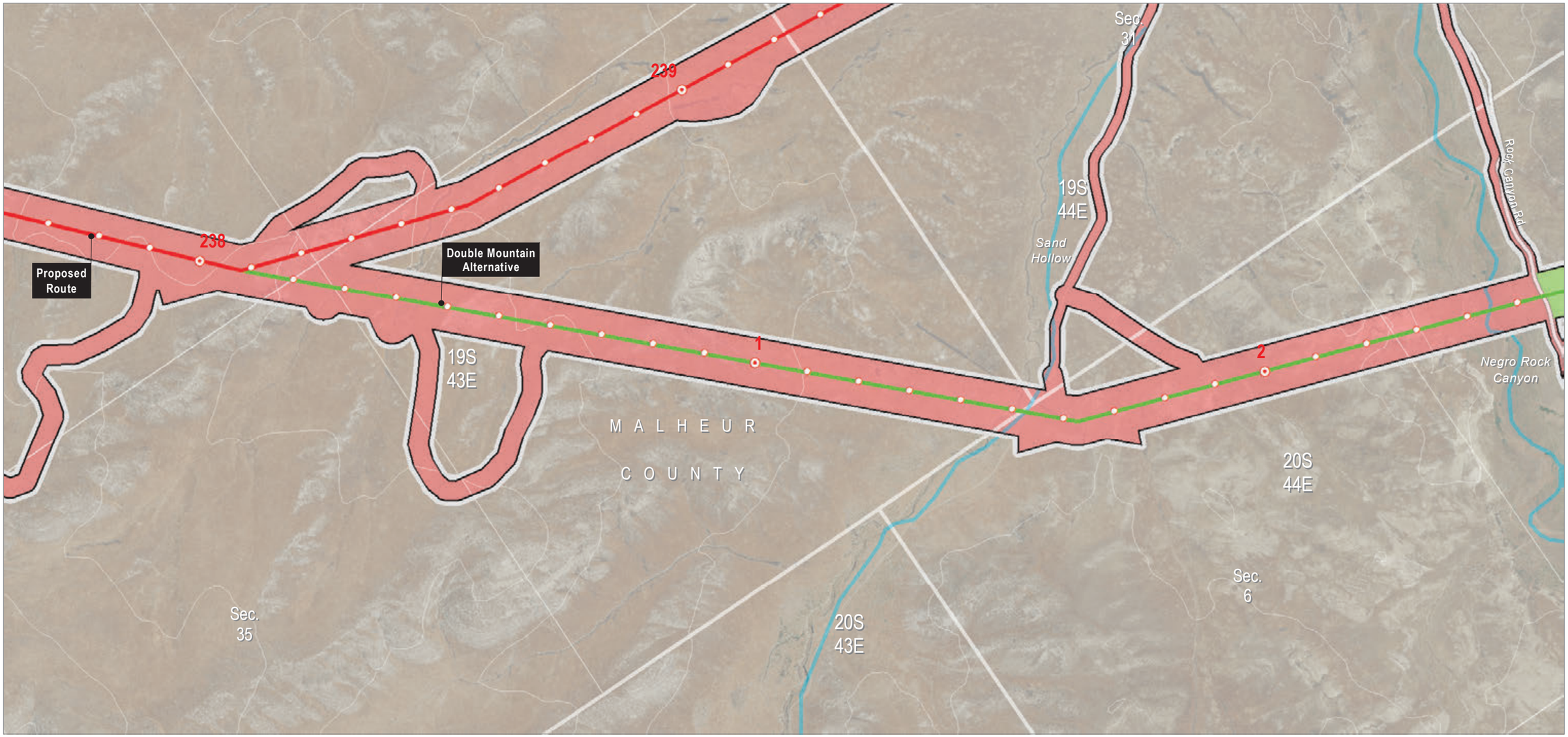
Boardman to Hemingway Transmission Line Project
Application for Site Certificate

IDAHO POWER
An IDACORP Company

Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Malheur County

Map 118



0 1,000
Feet



Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State
- Surveyed Locations
  - Surveyed
  - Not Surveyed

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

Other Features
- 100-foot Contours
- Road
- Stream

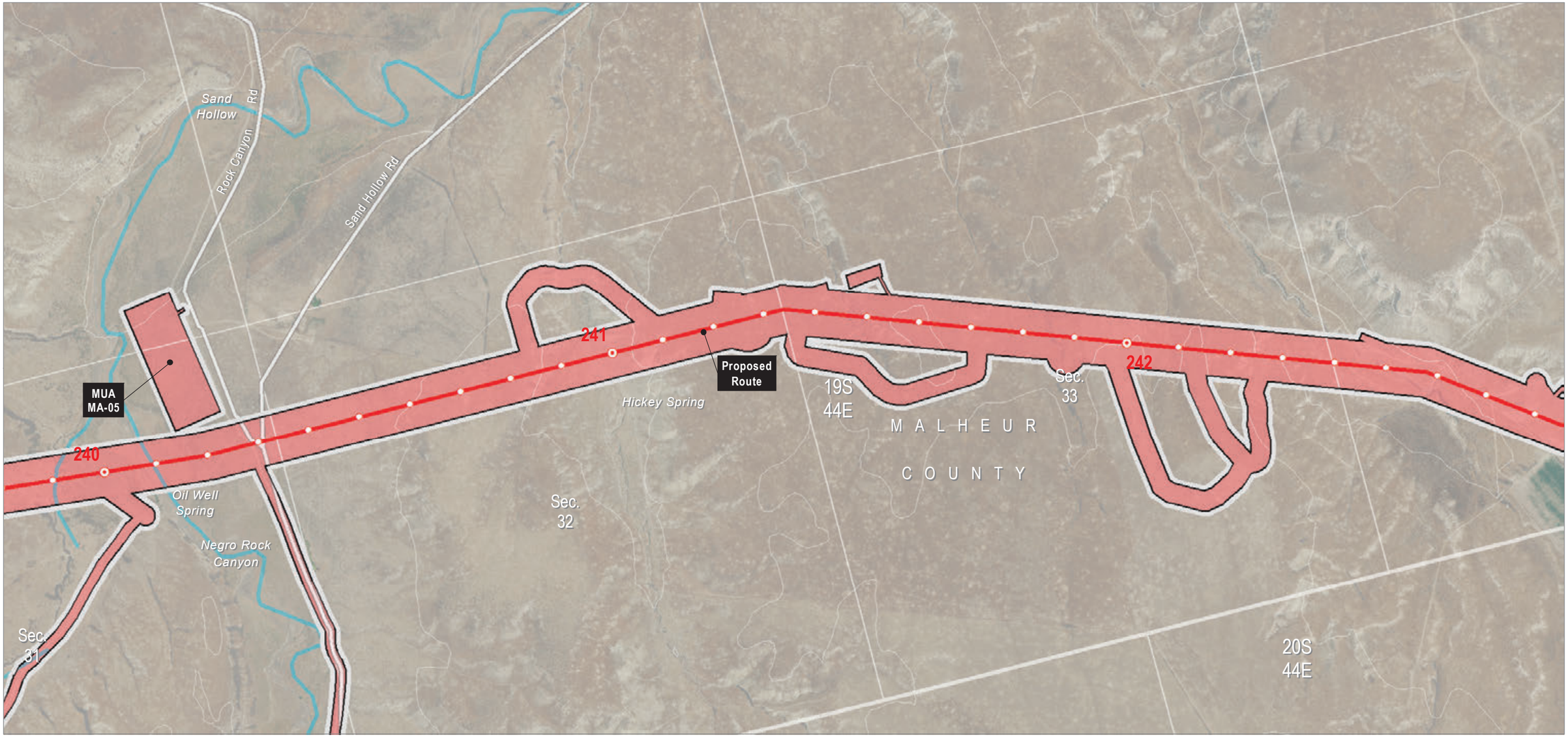
Boardman to Hemingway Transmission Line Project
Application for Site Certificate

IDAHO POWER
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Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Malheur County

Map 119



0 1,000
Feet

Map Area

OREGON

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State
Surveyed Locations
Not Surveyed

Project Features
Site Boundary
Transmission Centerline
Mileposts
Mile
Tenth-mile

Other Features
100-foot Contours
Road
Stream

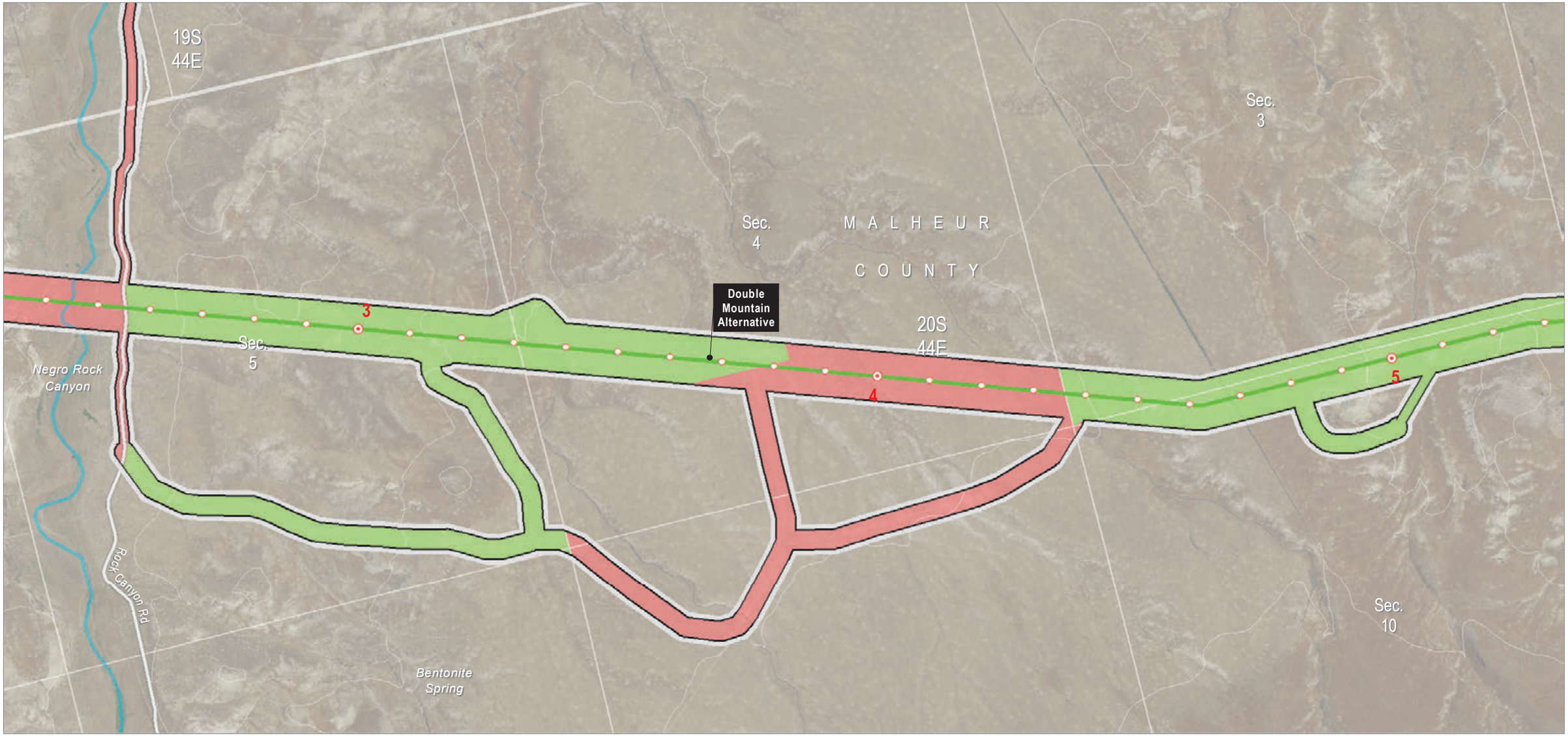
Boardman to Hemingway Transmission Line Project
Application for Site Certificate

IDAHO POWER
An IDACORP Company

Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Malheur County

Map 120



0 1,000
Feet

OREGON

Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations
- Surveyed
- Not Surveyed

Project Features
- Site Boundary
- Alternative

Mileposts
- Mile
- Tenth-mile

Other Features
- 100-foot Contours
- Road
- Stream

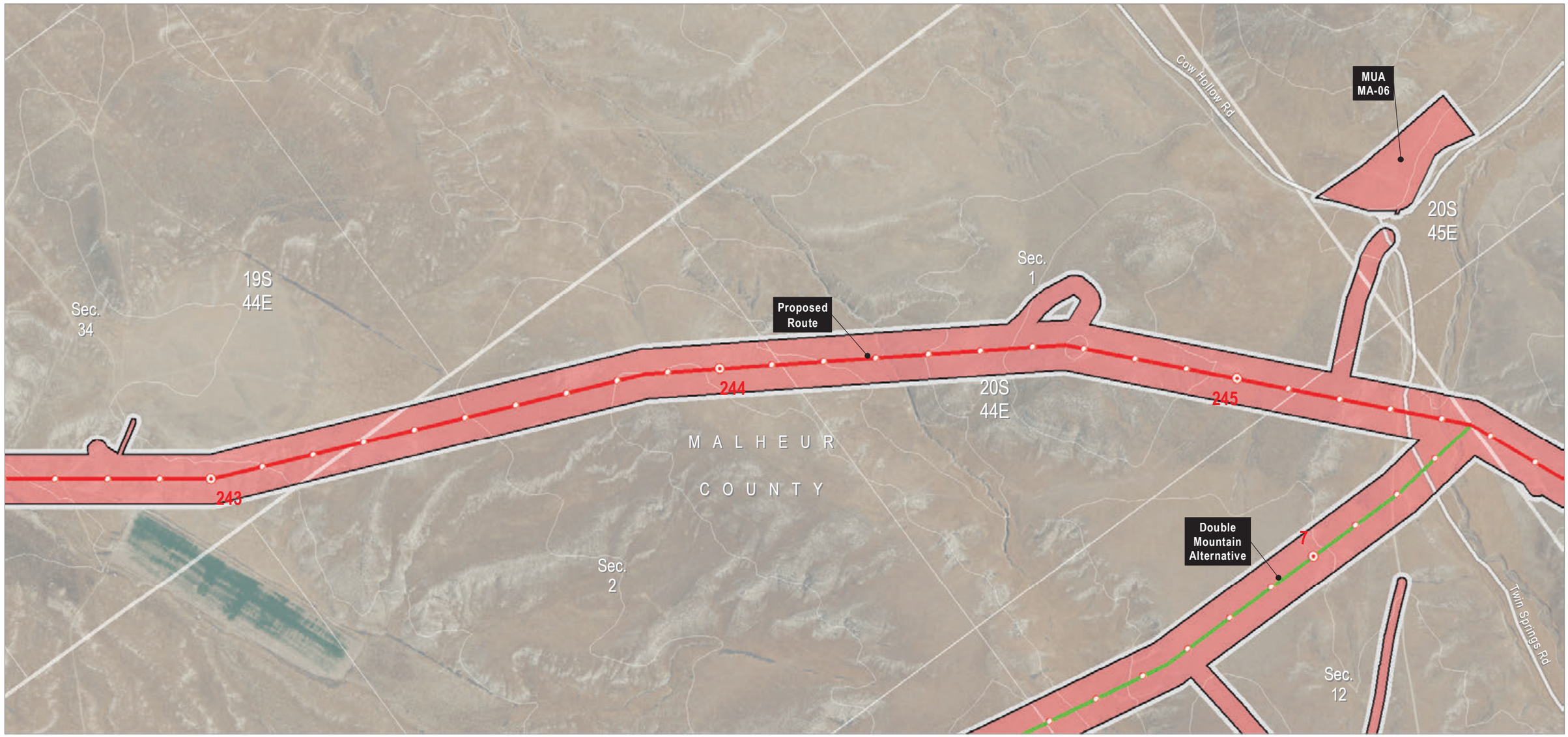
Boardman to Hemingway Transmission Line Project
Application for Site Certificate

IDAHO POWER
An IDACORP Company

Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Malheur County

Map 121



0 1,000
Feet

Map Area

OREGON

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations

Not Surveyed

Project Features

Site Boundary

Transmission Centerline

Alternative

Mileposts

Mile

Tenth-mile

Other Features

100-foot Contours

Road

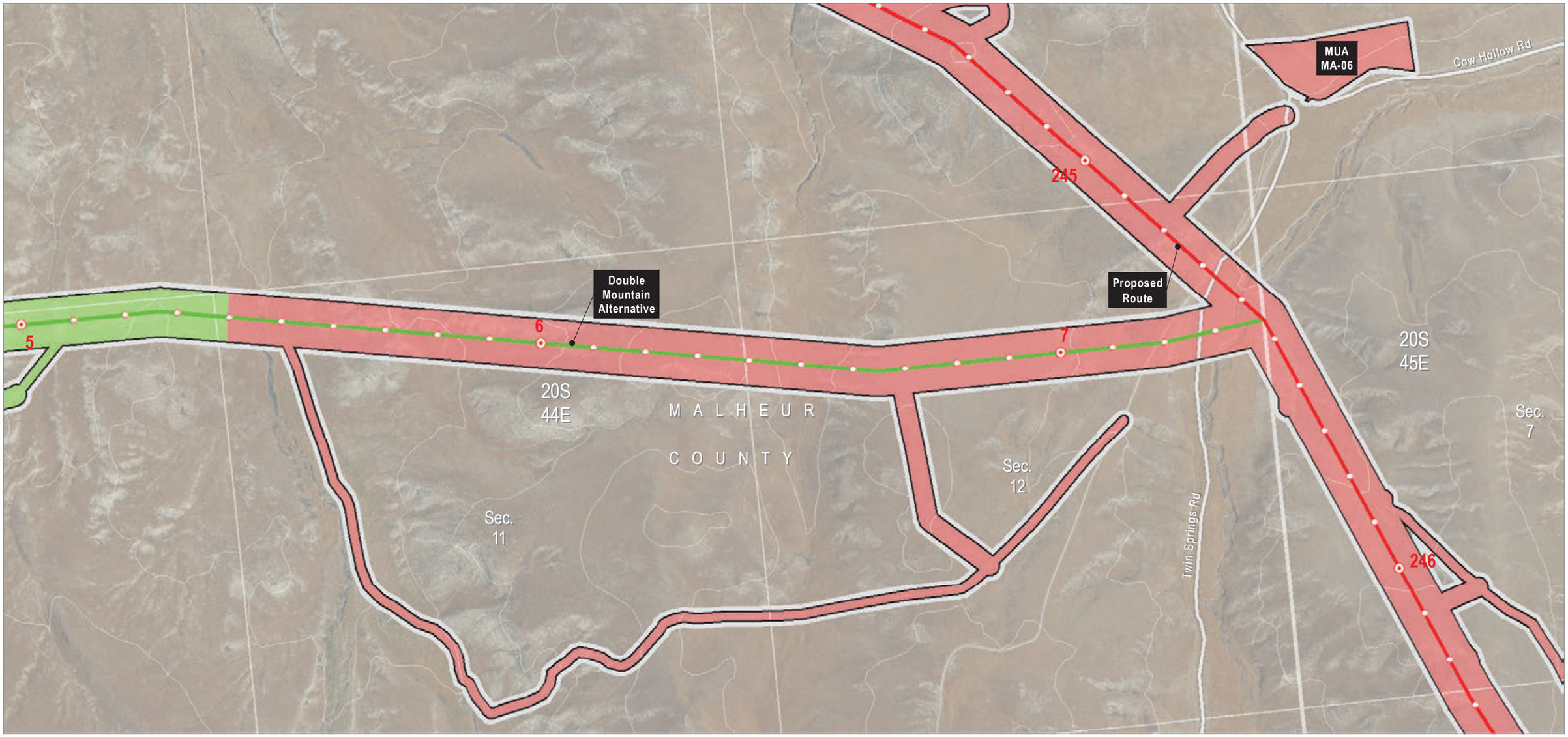
Boardman to Hemingway Transmission Line Project
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IDAHO POWER
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Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Malheur County

Map 122



0 1,000
Feet

OREGON

Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations
- Surveyed
- Not Surveyed

Project Features
- Site Boundary
- Transmission Centerline
- Alternative

Mileposts
- Mile
- Tenth-mile

Other Features
- 100-foot Contours
- Road

Boardman to Hemingway Transmission Line Project
Application for Site Certificate

IDAHO POWER
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Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Malheur County

Map 123



0 1,000
Feet



Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State
- Surveyed Locations
  - Not Surveyed

Project Features
- Site Boundary
- Transmission Centerline
- Alternative

Mileposts
- Mile
- Tenth-mile

Other Features
- 100-foot Contours
- Road

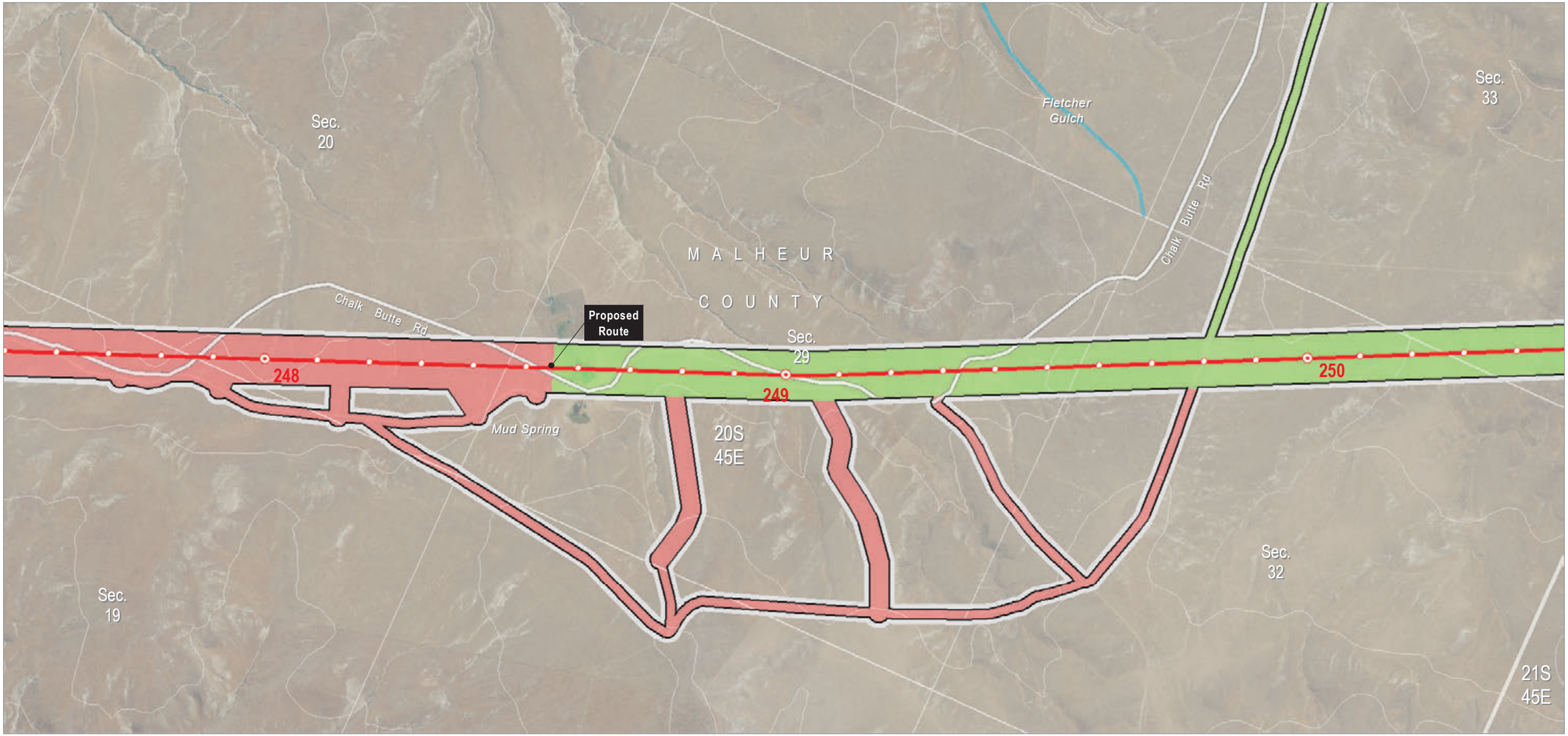
Boardman to Hemingway Transmission Line Project
Application for Site Certificate

IDAHO POWER
An IDACORP Company

Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Malheur County

Map 124



0 1,000
Feet

OREGON

Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations
- Surveyed
- Not Surveyed

Project Features
- Site Boundary
- Transmission Centerline

Mileposts
- Mile
- Tenth-mile

Other Features
- 100-foot Contours
- Road
- Stream

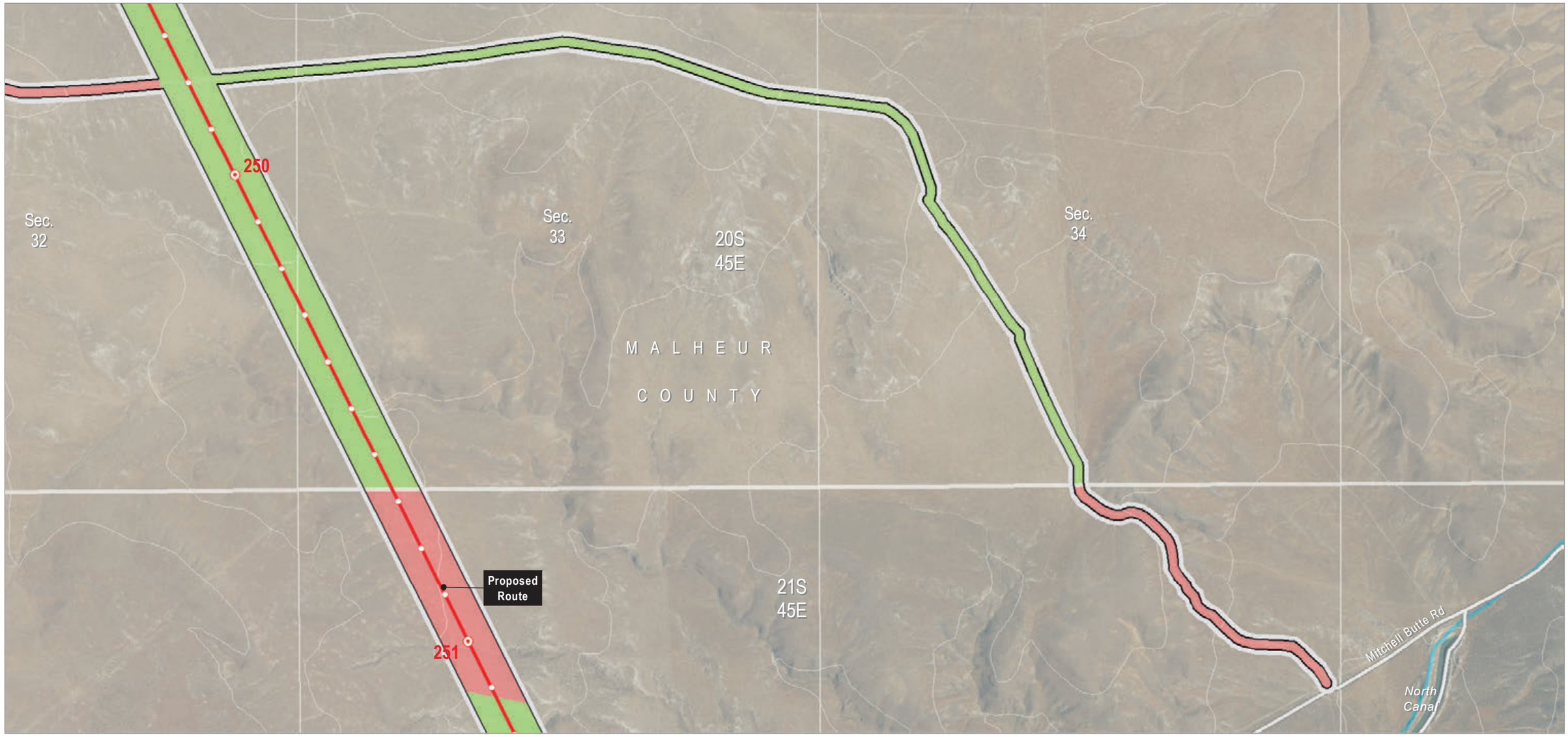
Boardman to Hemingway Transmission Line Project
Application for Site Certificate

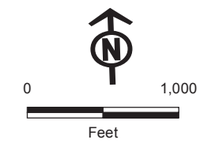
IDAHO POWER
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Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Malheur County

Map 125







Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations

- Surveyed
- Not Surveyed

Project Features

- Site Boundary
- Transmission Centerline

Mileposts

- Mile
- Tenth-mile

Other Features

- 100-foot Contours
- Road
- Stream

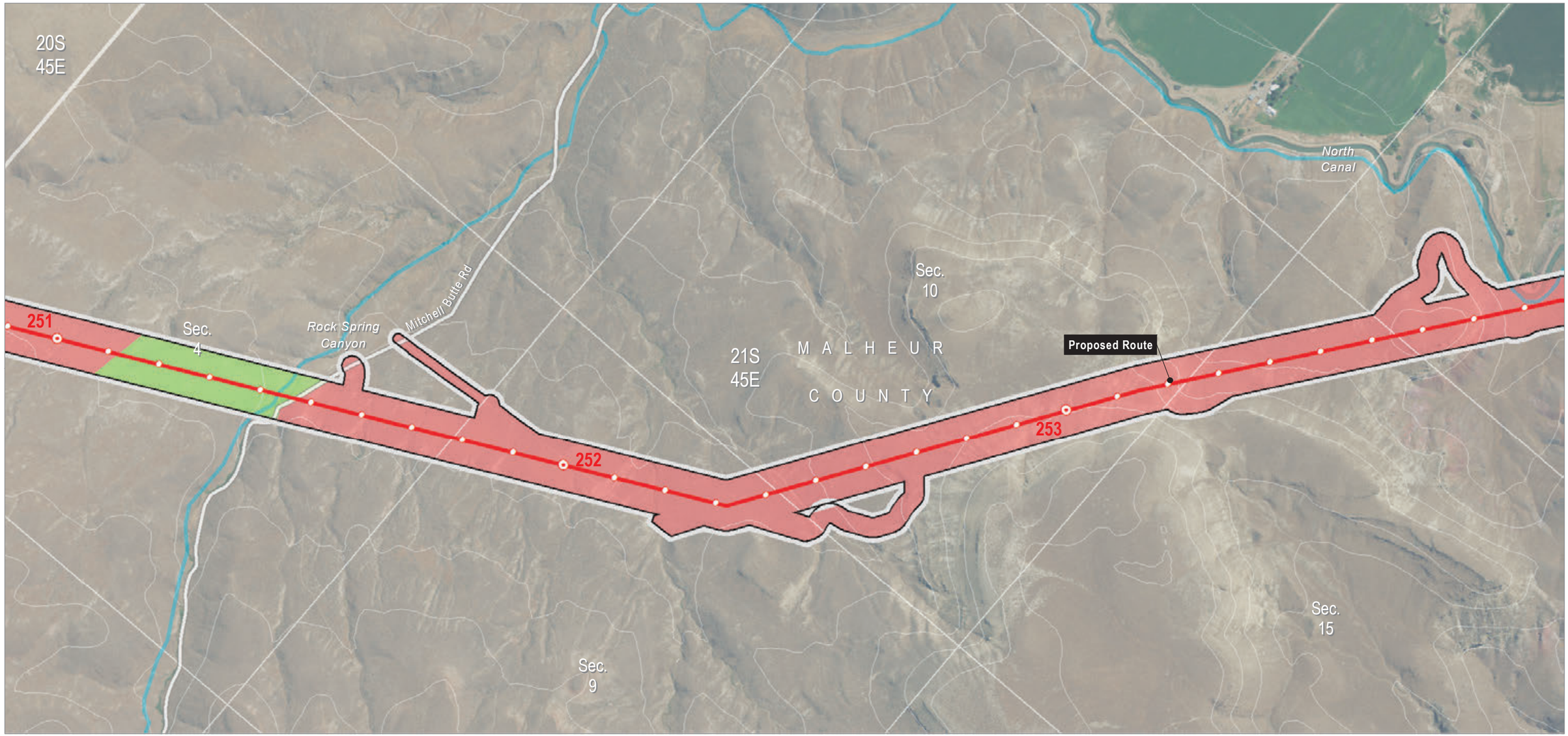
Boardman to Hemingway Transmission Line Project
Application for Site Certificate

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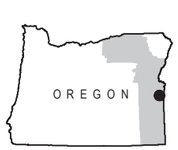
Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Malheur County

Map 126



0 1,000
Feet



Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations
- Surveyed
- Not Surveyed

Project Features
- Site Boundary
- Transmission Centerline

Mileposts
- Mile
- Tenth-mile

Other Features
- 100-foot Contours
- Road
- Stream

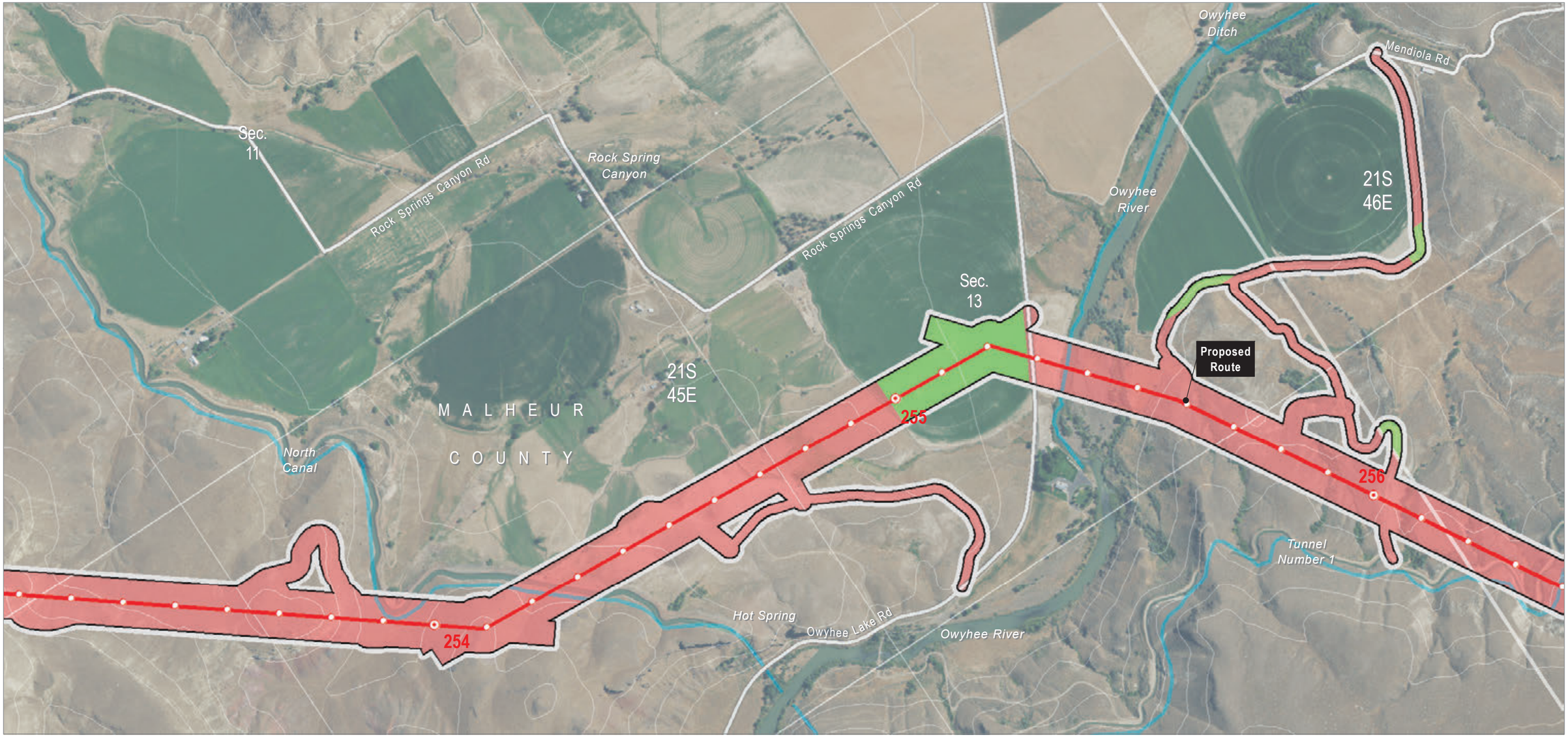
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Application for Site Certificate

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Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Malheur County

Map 127



0 1,000
Feet



Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations

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Project Features

- Site Boundary
- Transmission Centerline

Mileposts

- Mile
- Tenth-mile

Other Features

- 100-foot Contours
- Road
- Stream

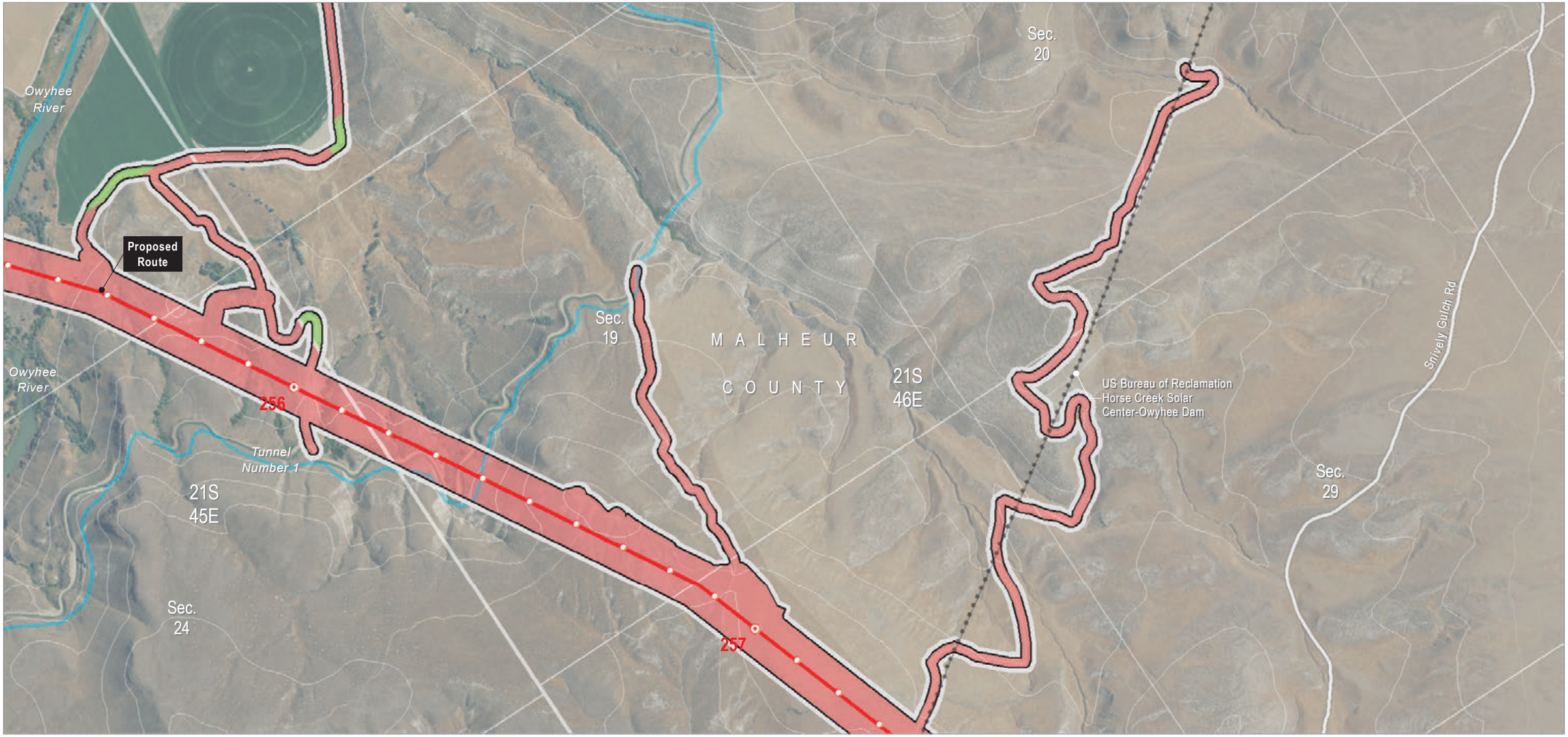
Boardman to Hemingway Transmission Line Project
Application for Site Certificate

IDAHO POWER
An IDACORP Company

Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Malheur County

Map 128



0 1,000
Feet

Map Area

OREGON

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

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Project Features

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- Tenth-mile

Other Features

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

Boardman to Hemingway Transmission Line Project
Application for Site Certificate

IDAHO POWER
An IDACORP Company

Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Malheur County

Map 129



0 1,000
Feet

OREGON

Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

Surveyed Locations
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Project Features
- Site Boundary

Other Features
- 100-foot Contours
- Road
- Stream

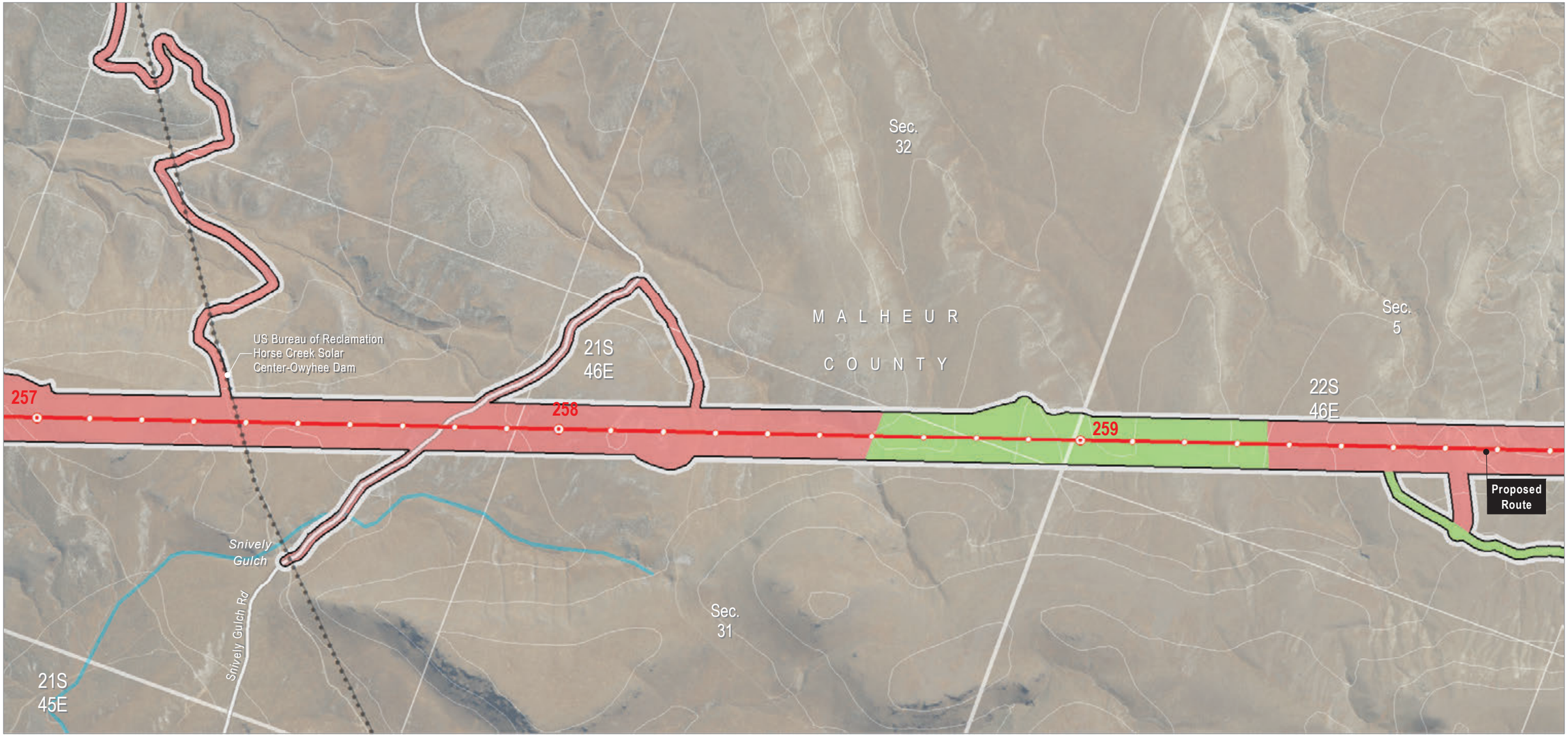
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Application for Site Certificate

IDAHO POWER
An IDACORP Company

Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Malheur County

Map 130



0 1,000
Feet

Map Area



Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

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- Transmission Centerline

Mileposts
- Mile
- Tenth-mile

Other Features
- 100-foot Contours
- Existing Transmission Lines
- Road
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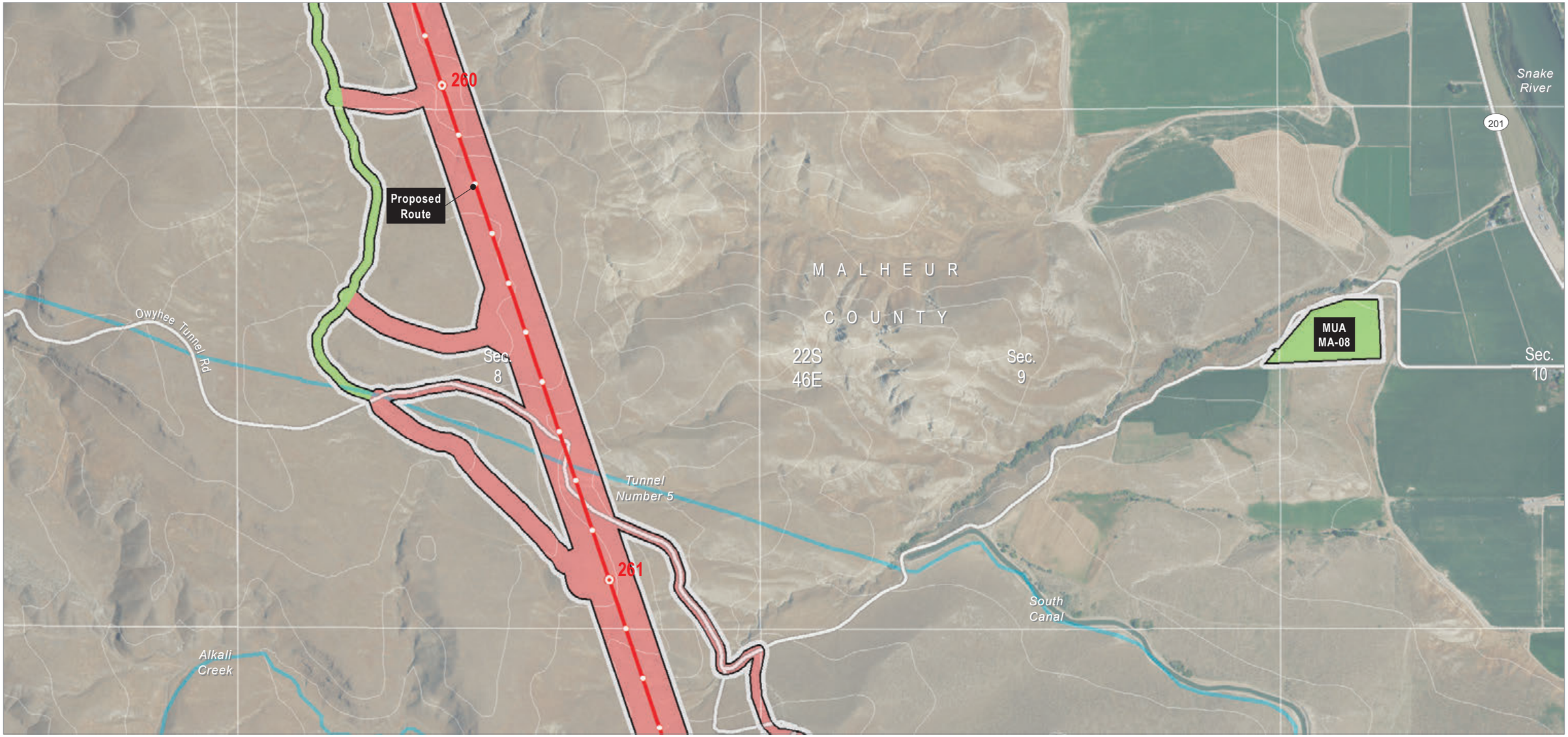
Boardman to Hemingway Transmission Line Project
Application for Site Certificate

IDAHO POWER
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Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Malheur County

Map 131



0 1,000
Feet

Map Area

OREGON

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

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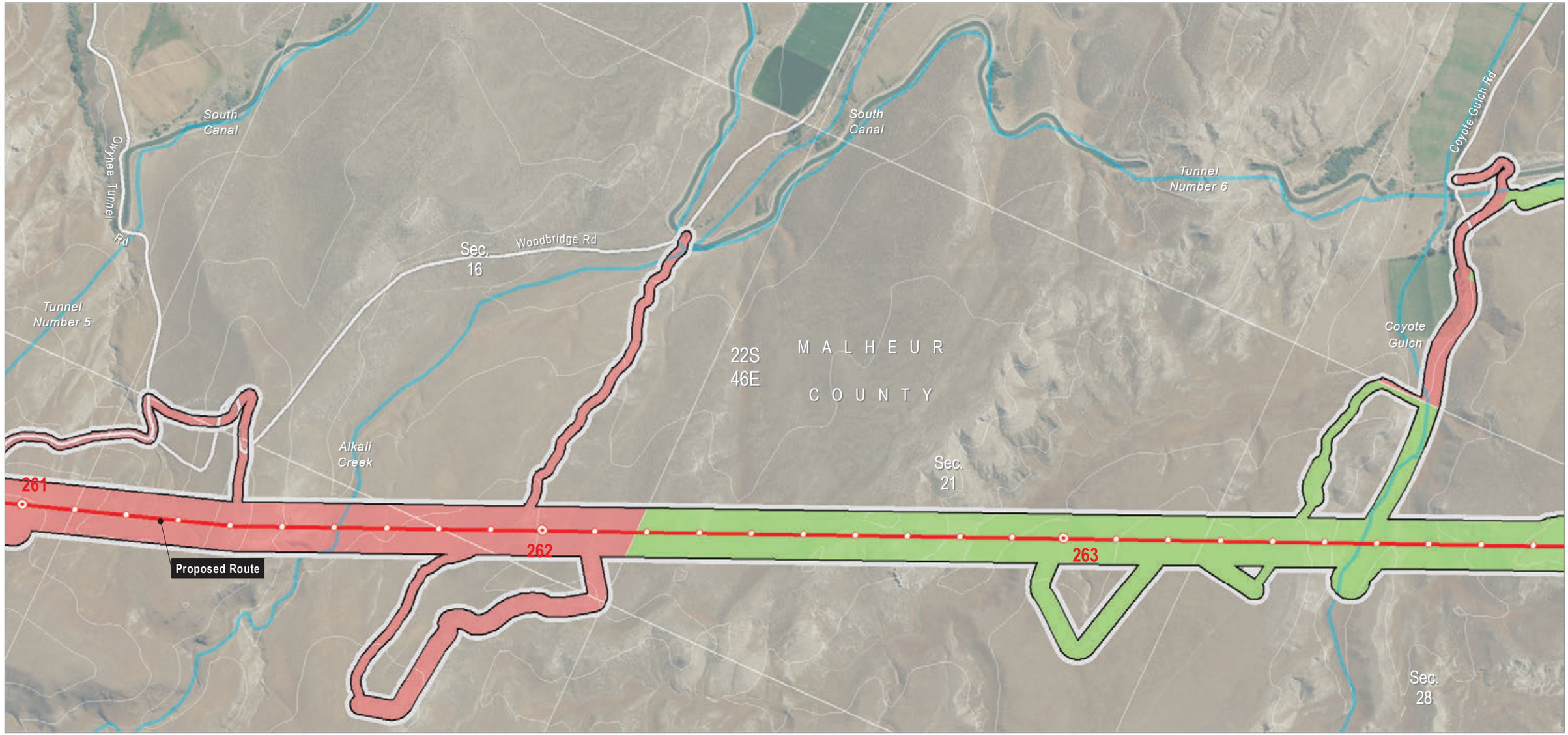
Boardman to Hemingway Transmission Line Project
Application for Site Certificate

IDAHO POWER
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Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Malheur County

Map 132



0 1,000 Feet

Map Area



Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

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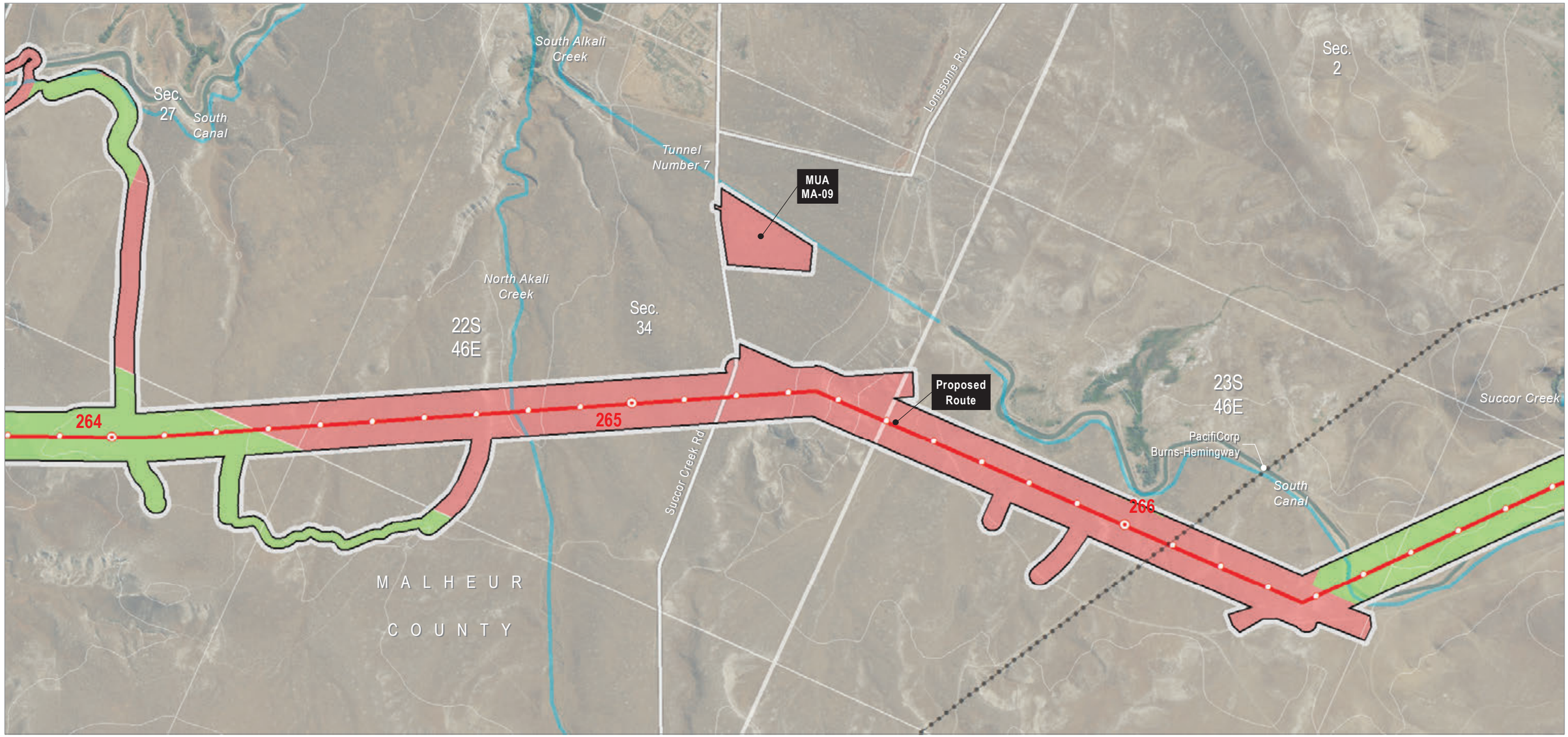
Boardman to Hemingway Transmission Line Project
Application for Site Certificate

IDAHO POWER
An IDACORP Company

Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Malheur County

Map 133



0 1,000 Feet

Map Area

OREGON

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

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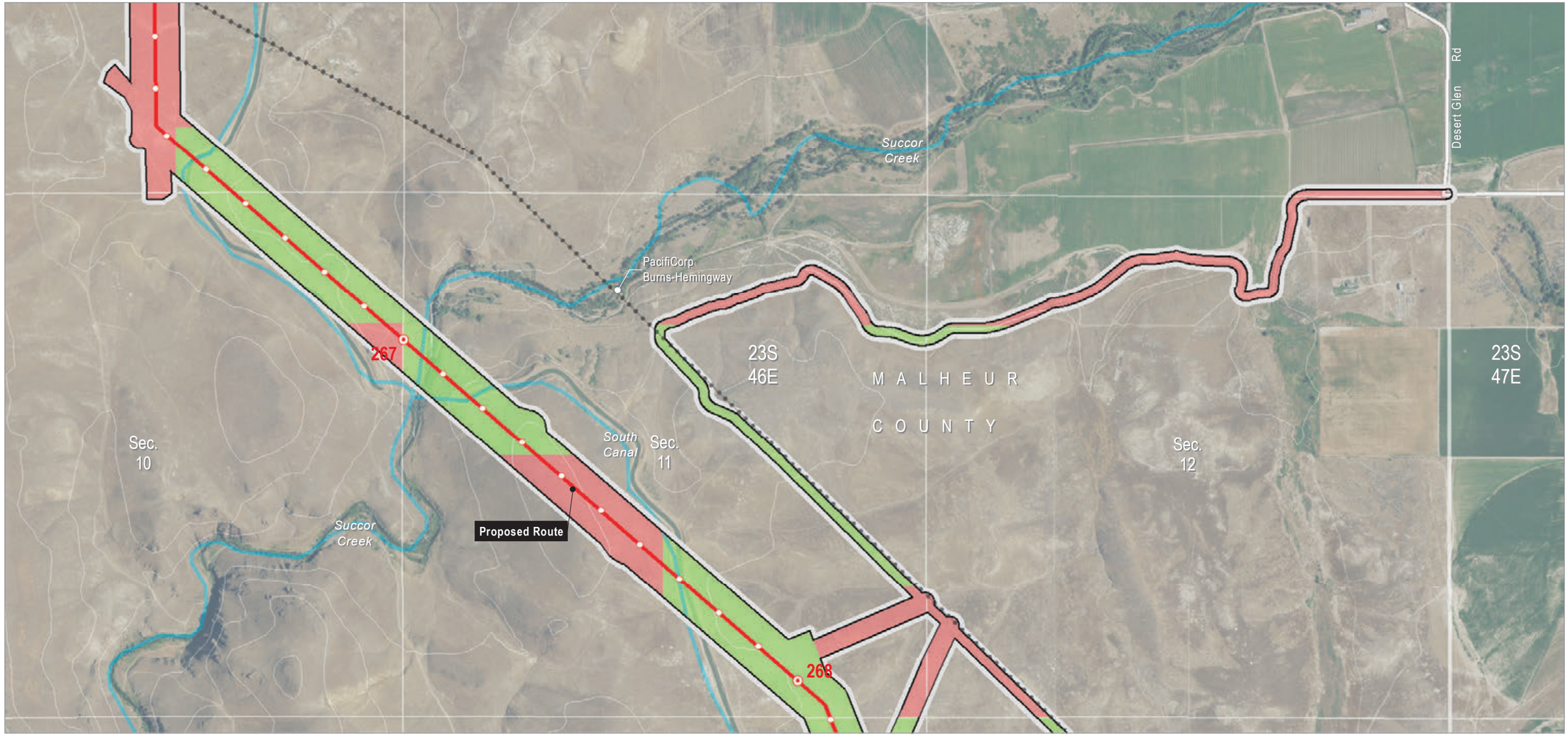
Boardman to Hemingway Transmission Line Project
Application for Site Certificate

IDAHO POWER
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Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Malheur County

Map 134



0 1,000
Feet

OREGON

Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

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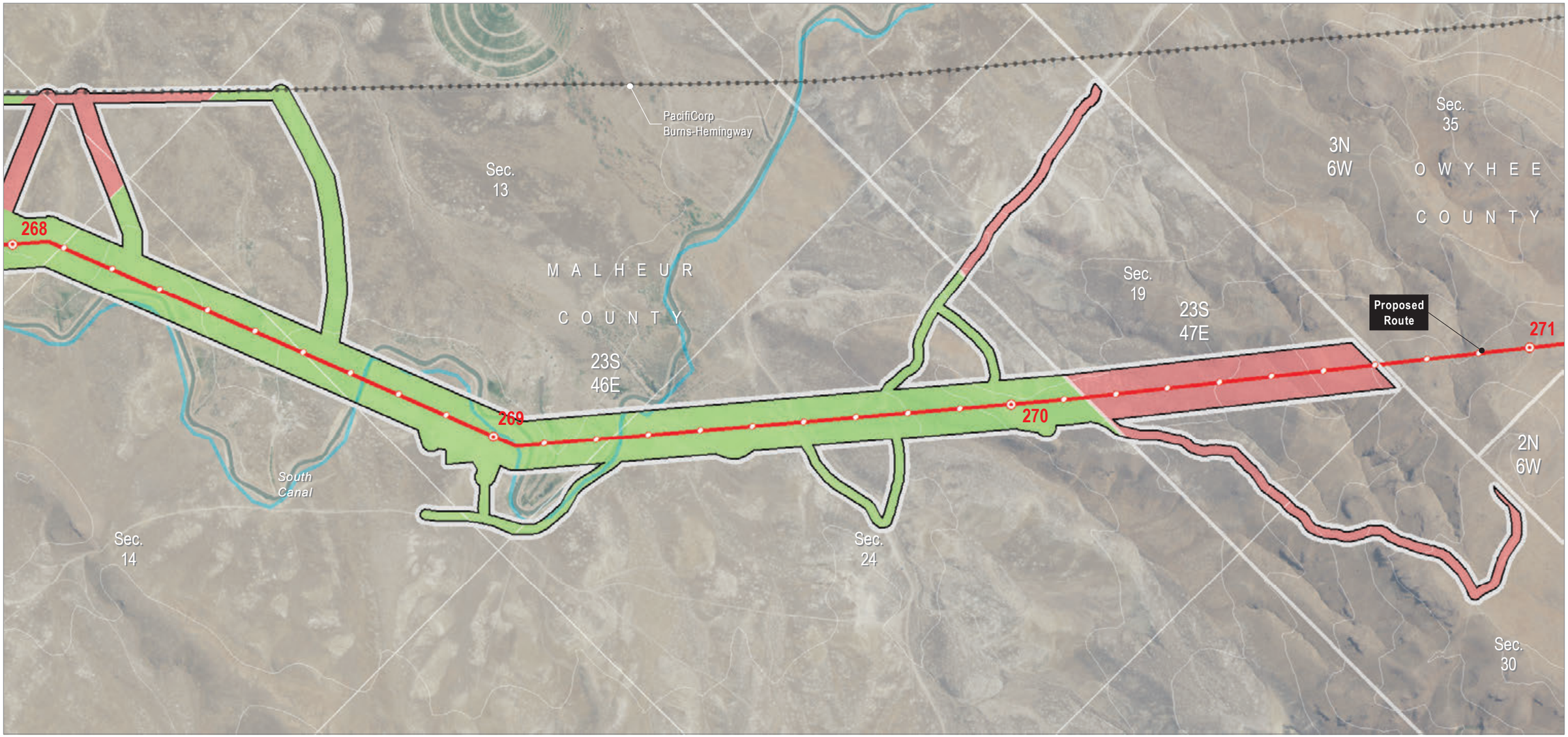
Boardman to Hemingway Transmission Line Project
Application for Site Certificate

IDAHO POWER
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Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Malheur County

Map 135



0 1,000
Feet

OREGON

Map Area

Source(s): IPC, ODOT, USDA, USGS, Ventyx, Esri

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Wetlands and Waters of the State

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Boardman to Hemingway Transmission Line Project
Application for Site Certificate

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Exhibit B, Attachment B-7a
Wetlands and Waters of the State

Surveyed Portions of the Site Boundary
Malheur County

Map 136