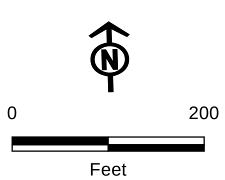
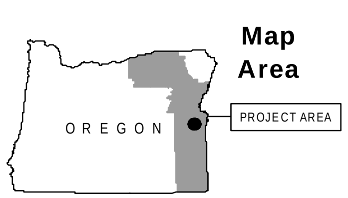




Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, Earthstar Geographics, CNES/Airbus DS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo

Project Features

Site Boundary

- Proposed Route
- Alternative Route

Route Centerline

- Proposed Route

Work Areas

- Structure Work Area

Mileposts

- Tenth-mile

Construction Access

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

Other Waters

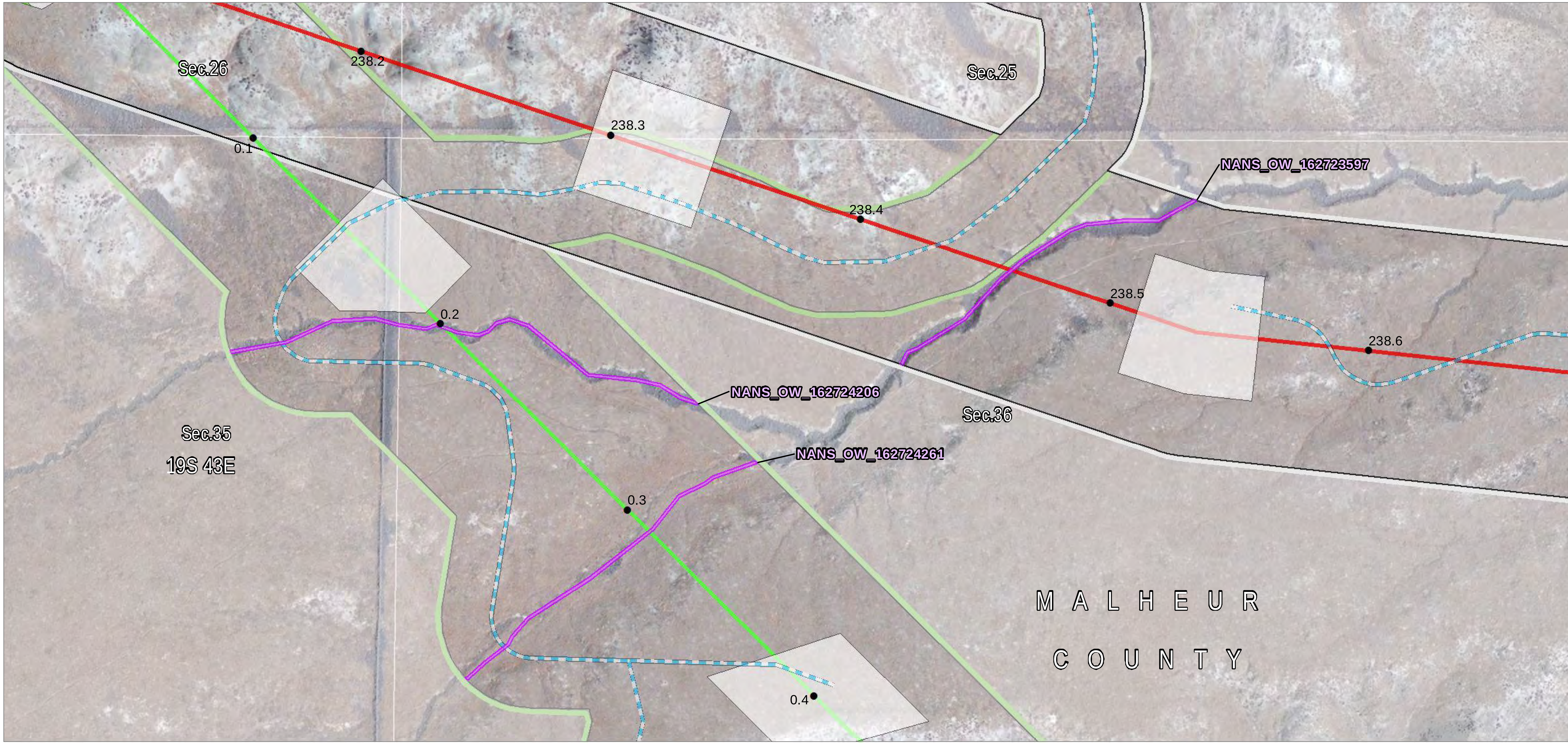
- NANS Streams (NHD)

Boardman to Hemingway Transmission Line Project

Attachment J1-286

Wetland and Other Waters Detail Maps

Malheur County



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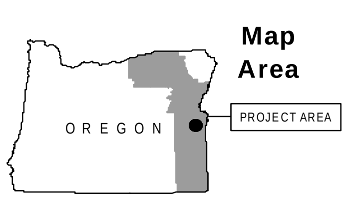
Feet



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

Project Features
Site Boundary
Proposed Route
Alternative Route
Route Centerline
Proposed Route
Alternative

Work Areas
Pulling and Tensioning
Structure Work Area
Mileposts
Tenth-mile
Construction Access
New Road, Bladed

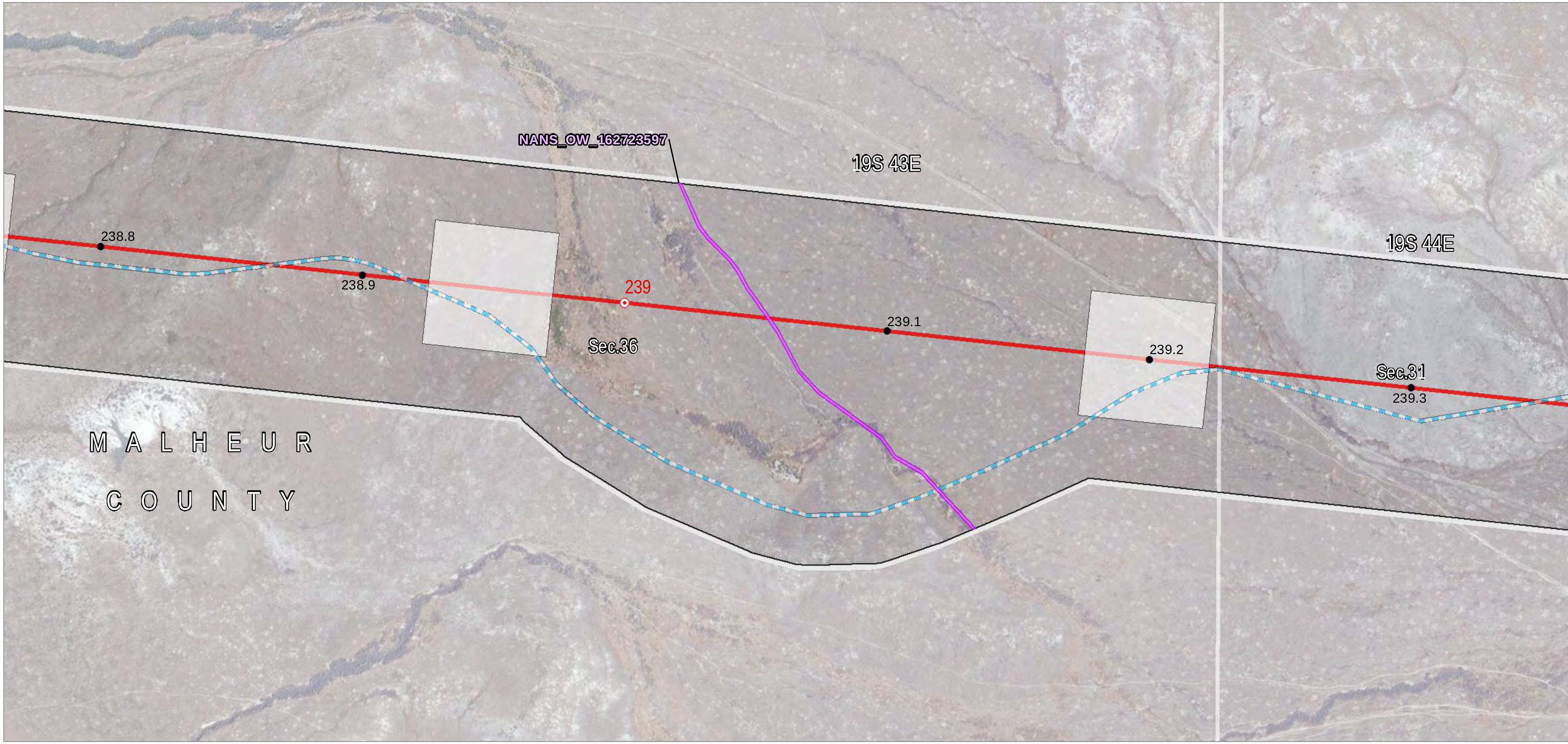
Other Waters
NANS Streams (NHD)

Boardman to Hemingway Transmission Line Project

Attachment J1-287

Wetland and Other Waters Detail Maps

Malheur County



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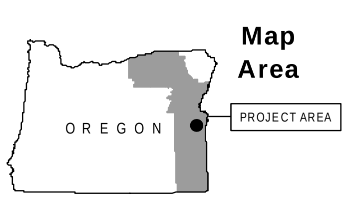


Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, Earthstar Geographics, CNES/Airbus DS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo

Project Features
Site Boundary
Proposed Route
Alternative Route
Route Centerline
Proposed Route
Work Areas
Structure Work Area

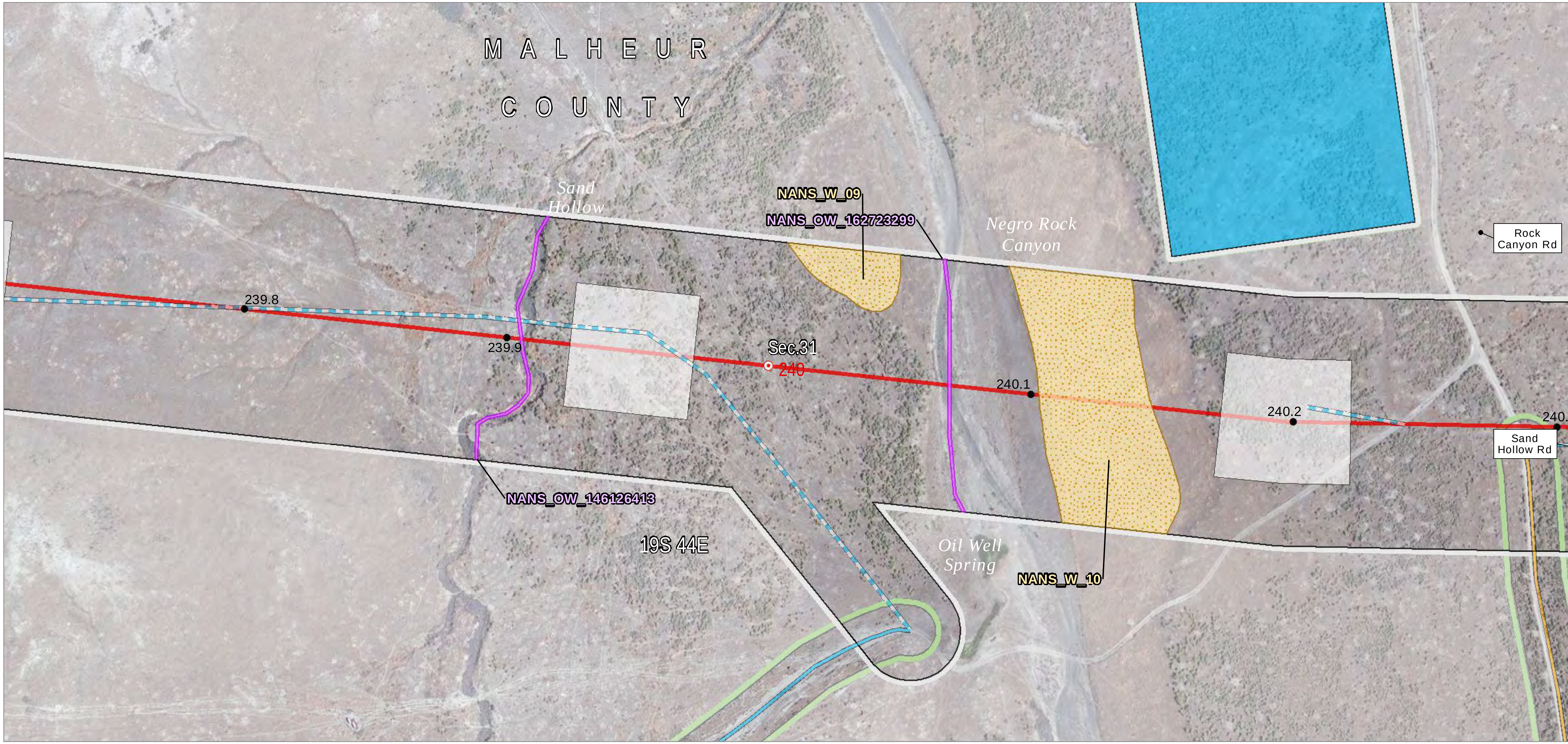
Mileposts
Mile
Tenth-mile
Construction Access
New Road, Bladed
Other Waters
NANS Streams (NHD)

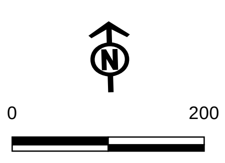
Boardman to Hemingway Transmission Line Project

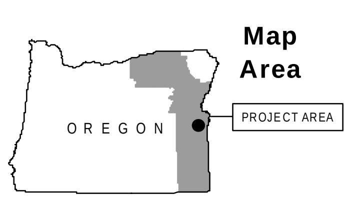
Attachment J1-288

Wetland and Other Waters Detail Maps

Malheur County







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

Project Features

Site Boundary
- Proposed Route
- Alternative Route

Route Centerline
- Proposed Route

Work Areas
- Multi-Use Area

- Structure Work Area

Mileposts
- Mile
- Tenth-mile

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

Other Waters
- NANS Streams (NHD)

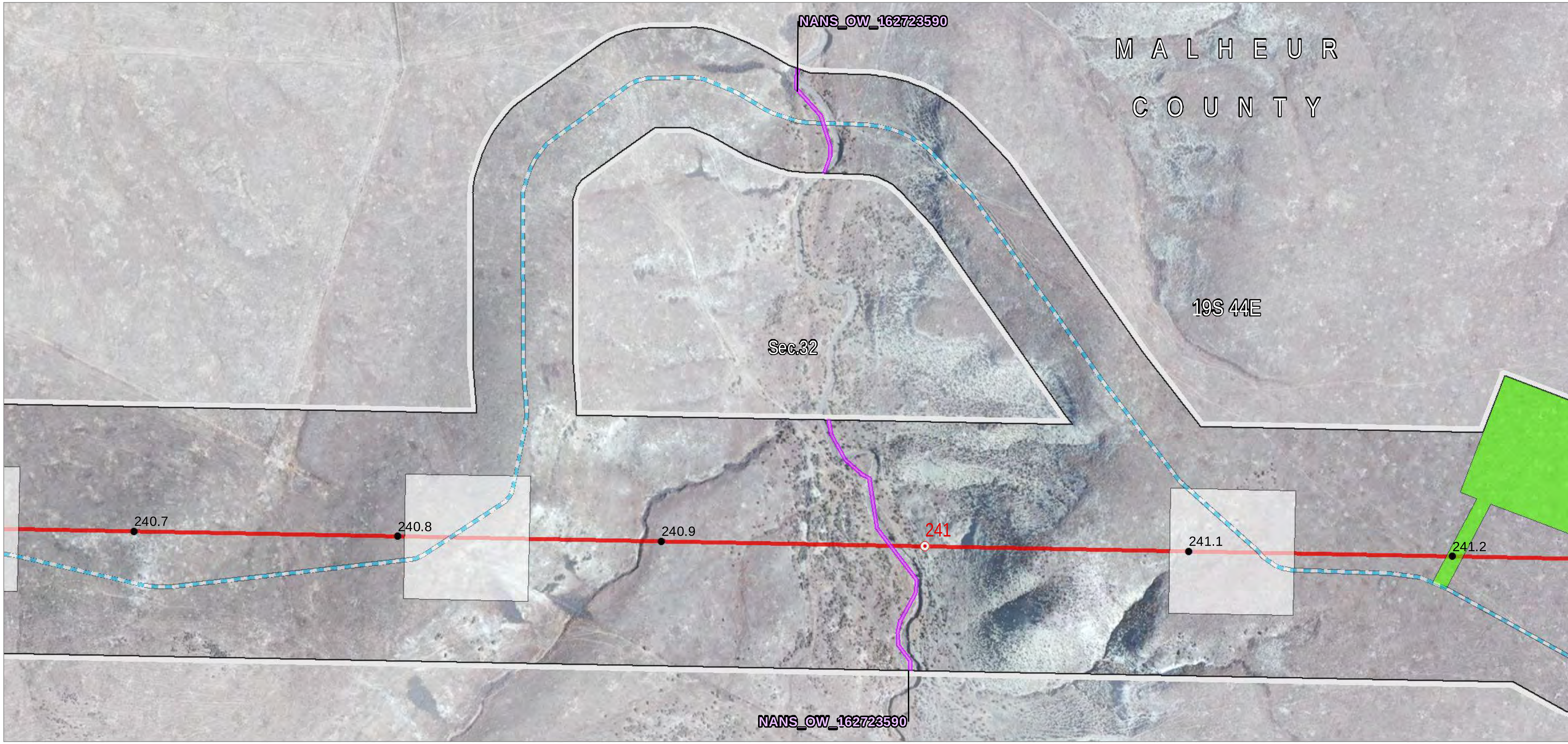
Wetland
- NANS Wetland (NWI)

Boardman to Hemingway Transmission Line Project

Attachment J1-289

Wetland and Other Waters Detail Maps

Malheur County



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

Project Features

Site Boundary

- Proposed Route
- Alternative Route

Route Centerline

- Proposed Route

Work Areas

- Pulling and Tensioning

Structure Work Area

Mileposts

- Mile
- Tenth-mile

Construction Access

- New Road, Bladed

Other Waters

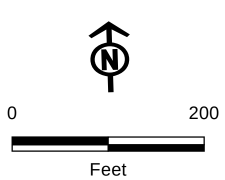
- NANS Streams (NHD)

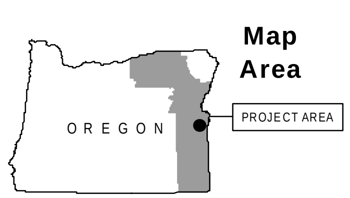
Boardman to Hemingway Transmission Line Project

Attachment J1-290

Wetland and Other Waters Detail Maps

Malheur County





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

Project Features
Site Boundary
Proposed Route
Alternative Route
Route Centerline
Proposed Route
Work Areas
Pulling and Tensioning

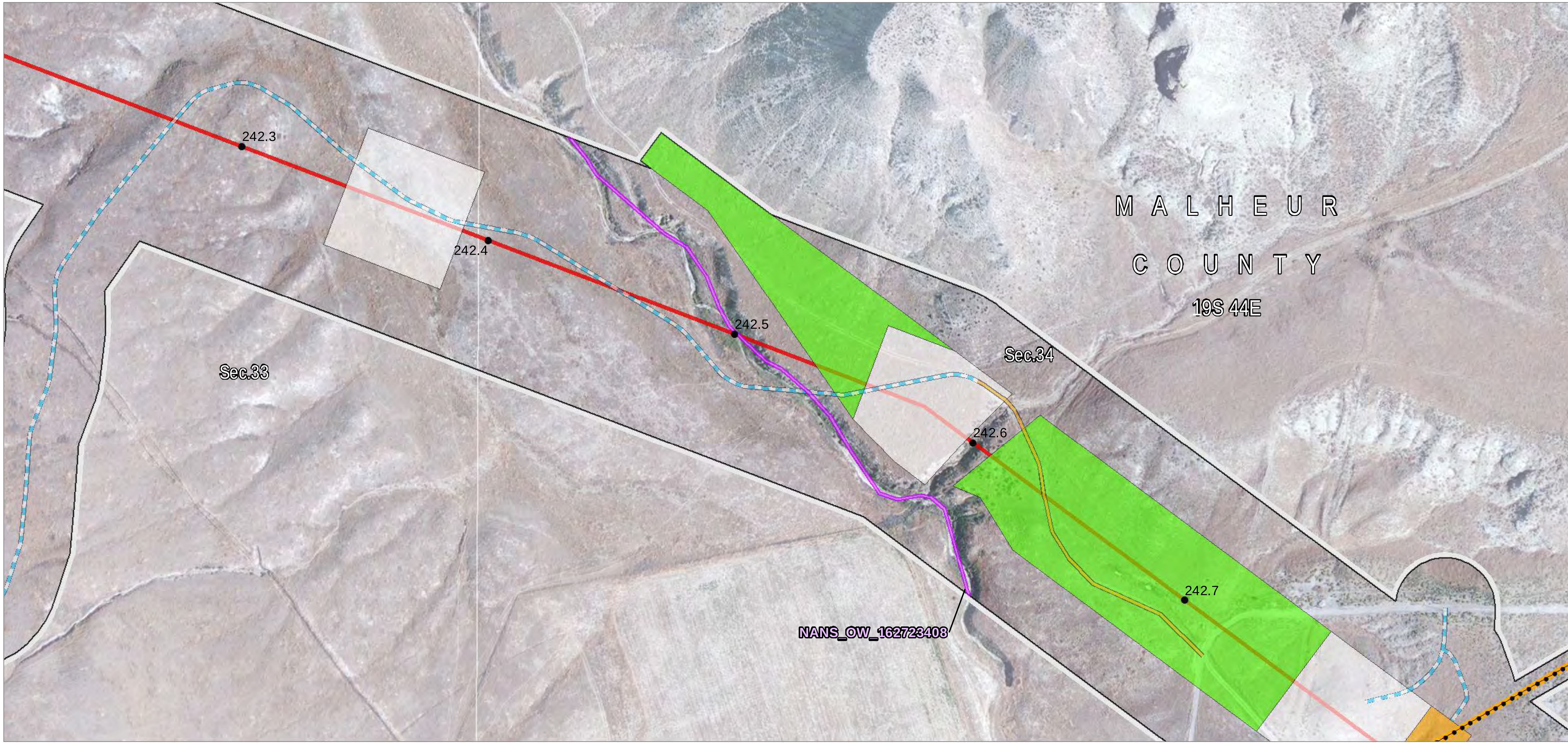
Structure Work Area
Mileposts
Tenth-mile
Construction Access
New Road, Bladed
Other Waters
NANS Streams (NHD)

Boardman to Hemingway Transmission Line Project

Attachment J1-291

Wetland and Other Waters Detail Maps

Malheur County



N

0 200

Feet

Map Area

OREGON

PROJECT AREA

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

Project Features

Site Boundary

Proposed Route

Alternative Route

Route Centerline

Proposed Route

Work Areas

Communication Station

Pulling and Tensioning

Structure Work Area

Distribution Line to Communication Station (IPC Service Territory Only)

Mileposts

Tenth-mile

Construction Access

Existing Road, Substantial Modification, 21-70% Improvements

New Road, Bladed

Other Waters

NANS Streams (NHD)

IDAHO POWER An IDACORP Company

Boardman to Hemingway Transmission Line Project

Attachment J1-292

Wetland and Other Waters Detail Maps

Malheur County

0 200
Feet

Map Area
OREGON
PROJECT AREA

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

Project Features
Site Boundary
Proposed Route
Alternative Route
Route Centerline
Proposed Route
Work Areas
Pulling and Tensioning
Structure Work Area
Mileposts
Tenth-mile
Construction Access
New Road, Bladed
Other Waters
NANS Streams (NHD)

Boardman to Hemingway Transmission Line Project

Attachment J1-293

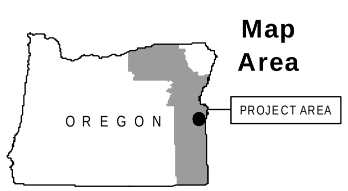
Wetland and Other Waters Detail Maps

Malheur County

N

0 200

Feet



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Project Features

Site Boundary

Proposed Route

Alternative Route

Route Centerline

Proposed Route

Work Areas

Structure Work Area

Mileposts

Mile

Tenth-mile

Construction Access

New Road, Bladed

Other Waters

NANS Streams (NHD)

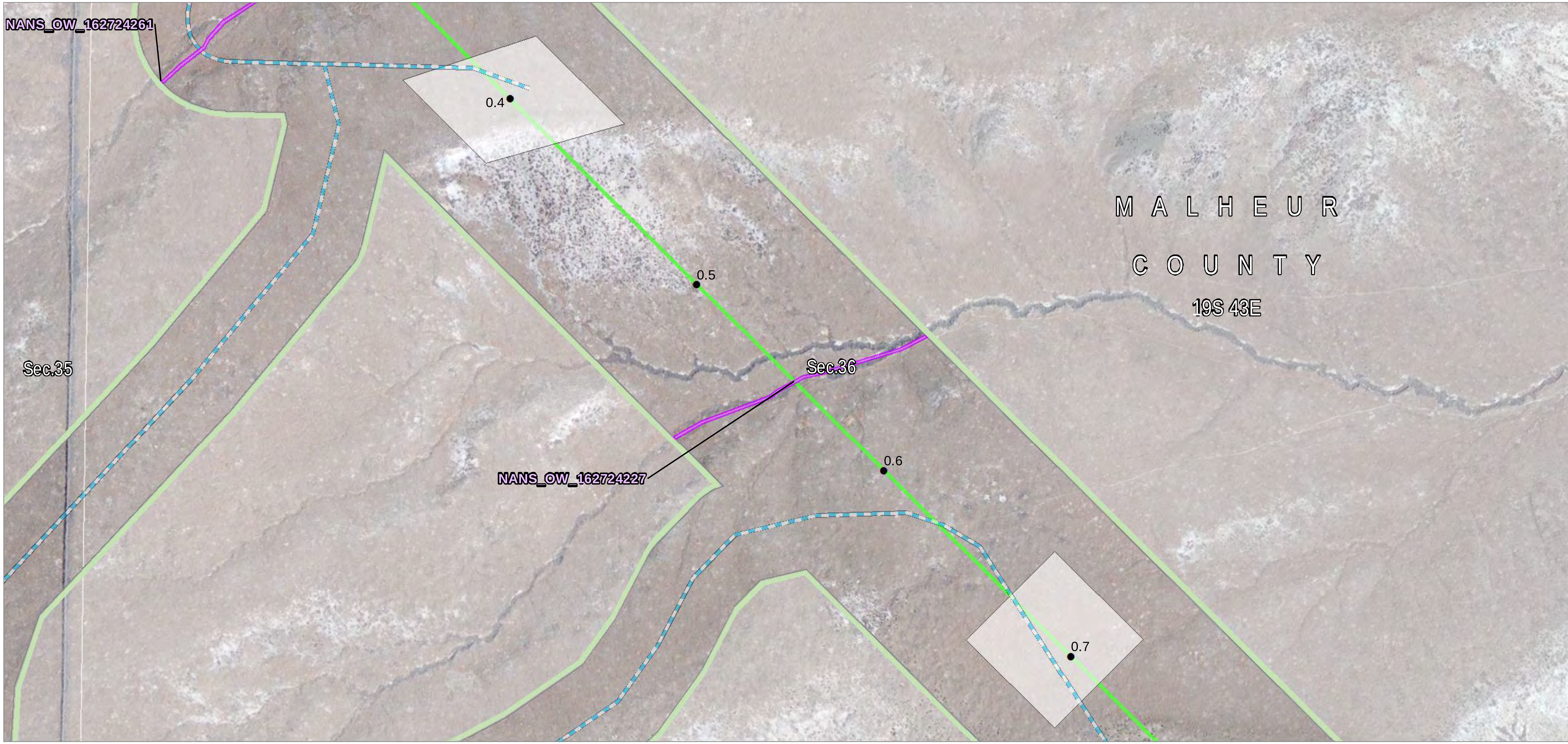
IDAHO POWER. An IDACORP Company

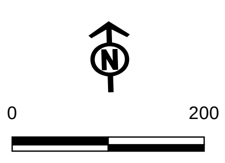
Boardman to Hemingway Transmission Line Project

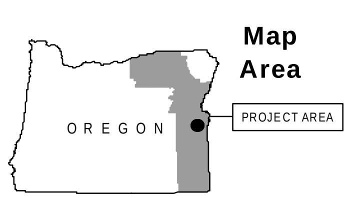
Attachment J1-294

Wetland and Other Waters Detail Maps

Malheur County







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

Project Features

Site Boundary

Proposed Route

Alternative Route

Route Centerline

Alternative

Work Areas

Structure Work Area

Mileposts

Tenth-mile

Construction Access

New Road, Bladed

Other Waters

NANS Streams (NHD)

Boardman to Hemingway Transmission Line Project

Attachment J1-295

Wetland and Other Waters Detail Maps

Malheur County

0 200
Feet

Map Area
OREGON
PROJECT AREA

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

Project Features

Site Boundary

Proposed Route

Alternative Route

Construction Access

Existing Road, Substantial Modification, 71-100% Improvements

Other Waters

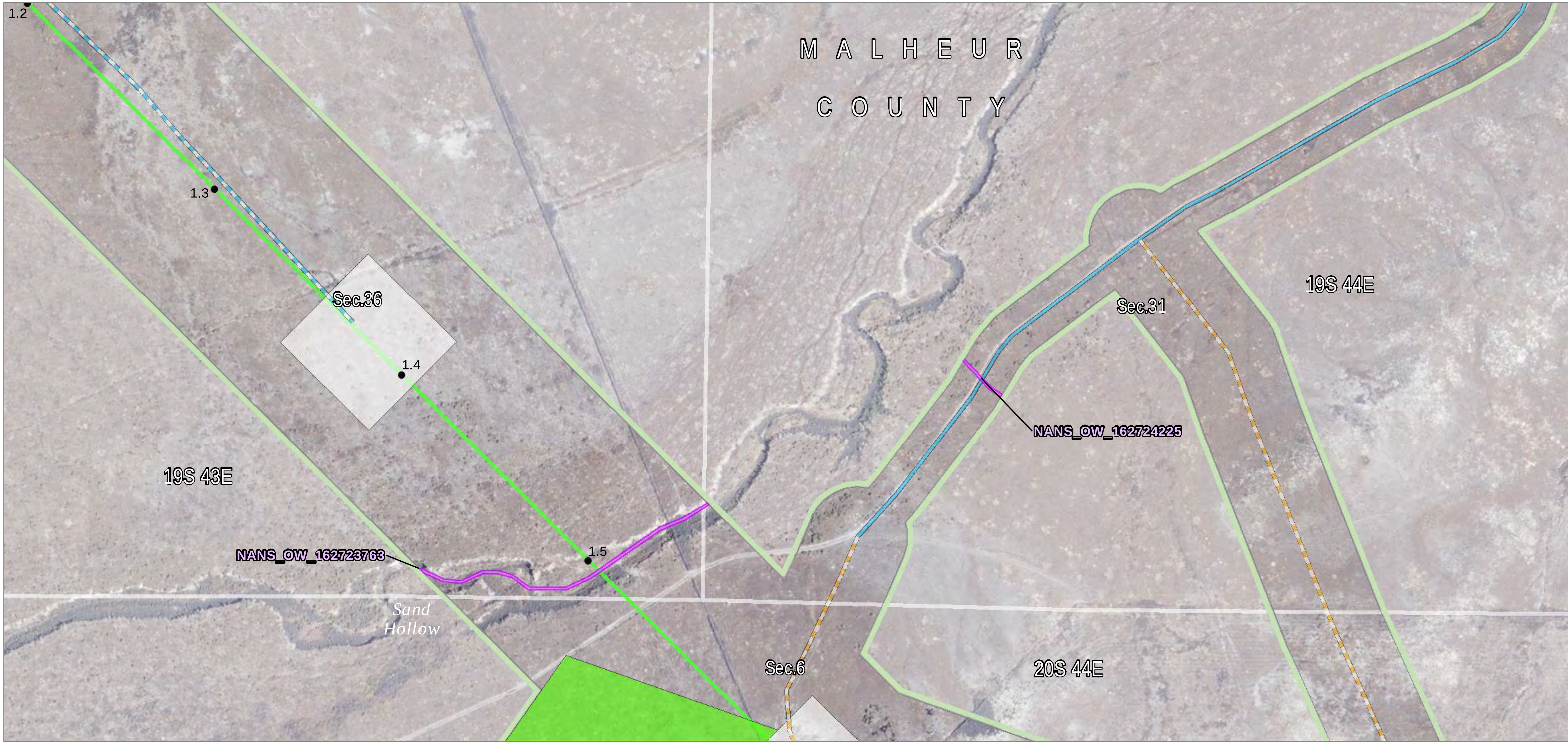
NANS Streams (NHD)

Boardman to Hemingway Transmission Line Project

Attachment J1-296

Wetland and Other Waters Detail Maps

Malheur County



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

Project Features

Site Boundary

Proposed Route

Alternative Route

Route Centerline

Alternative

Work Areas

Pulling and Tensioning

Structure Work Area

Mileposts

Tenth-mile

Construction Access

Existing Road, Substantial Modification, 71-100% Improvements

New Road, Bladed

New Road, Primitive

Other Waters

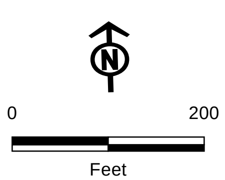
NANS Streams (NHD)

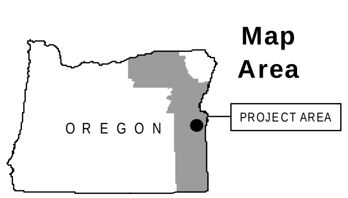
Boardman to Hemingway Transmission Line Project

Attachment J1-297

Wetland and Other Waters Detail Maps

Malheur County





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

Project Features
Site Boundary
Proposed Route
Alternative Route
Route Centerline
Alternative
Work Areas
Pulling and Tensioning

Structure Work Area
Mileposts
Mile
Tenth-mile
Construction Access
New Road, Primitive
Other Waters
NANS Streams (NHD)

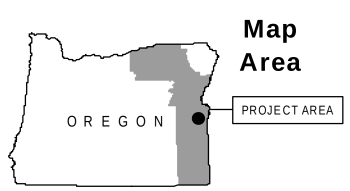
Boardman to Hemingway Transmission Line Project

Attachment J1-298

Wetland and Other Waters Detail Maps

Malheur County

0 200
Feet



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

Project Features
Site Boundary
Proposed Route
Alternative Route
Construction Access
Existing Road, Substantial Modification, 21-70% Improvements

Other Waters
NANS Streams (NHD)

Boardman to Hemingway
Transmission Line Project

Attachment J1-299

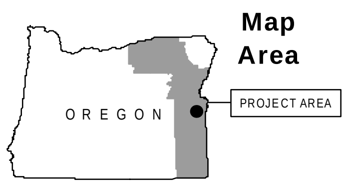
Wetland and Other Waters Detail Maps

Malheur County

N

0 200
Feet

Map Area



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Project Features

Site Boundary

Proposed Route

Alternative Route

Route Centerline

Alternative

Work Areas

Pulling and Tensioning

Structure Work Area

Mileposts

Tenth-mile

Construction Access

Existing Road, Substantial Modification, 21-70% Improvements

Existing Road, Substantial Modification, 71-100% Improvements

New Road, Primitive

Other Waters

NANS Streams (NHD)

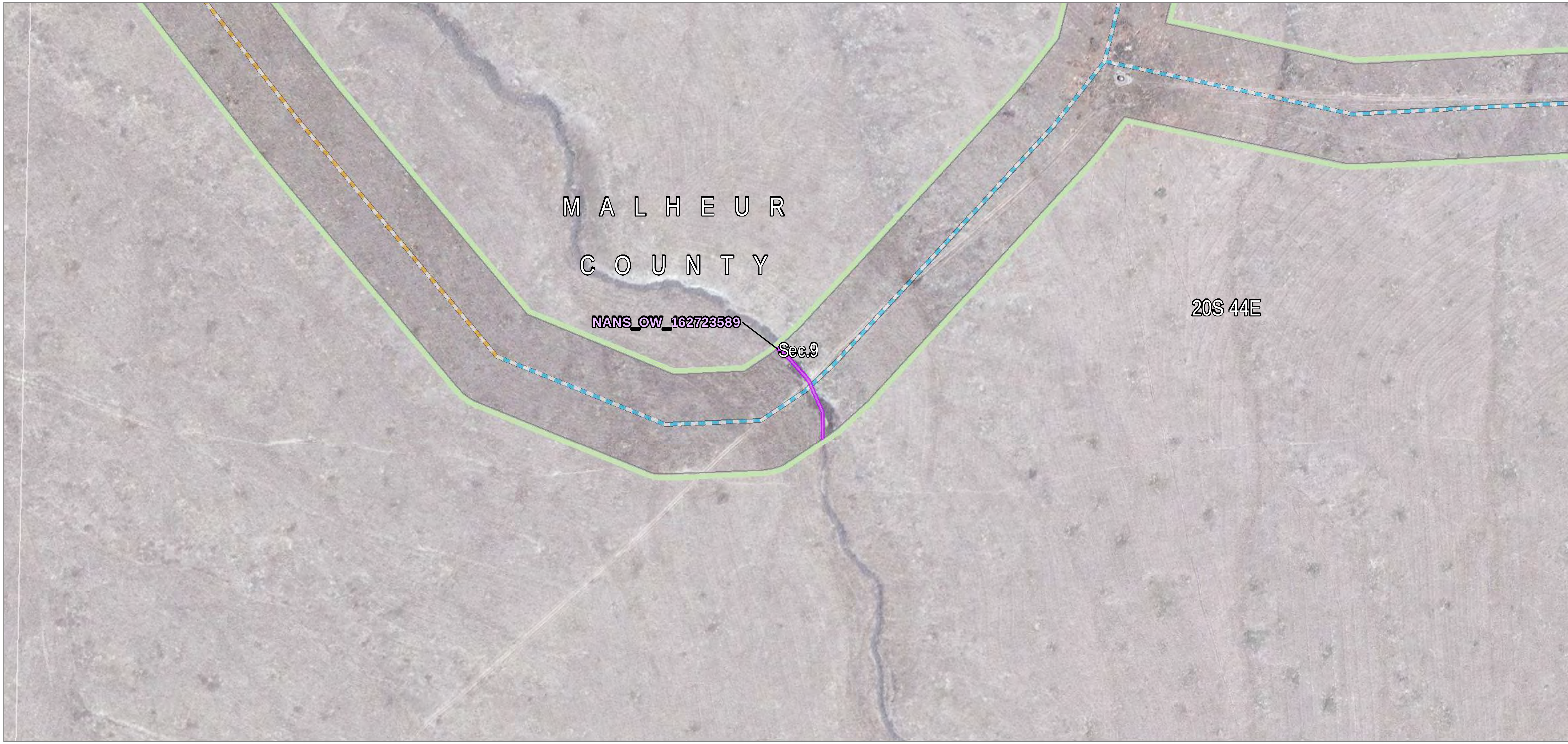
IDAHO POWER
An IDACORP Company

Boardman to Hemingway Transmission Line Project

Attachment J1-300

Wetland and Other Waters Detail Maps

Malheur County



N

0 200
Feet

Map Area
OREGON
PROJECT AREA

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

Project Features
Site Boundary
Proposed Route
Alternative Route
Construction Access
New Road, Bladed
New Road, Primitive

Other Waters
NANS Streams (NHD)

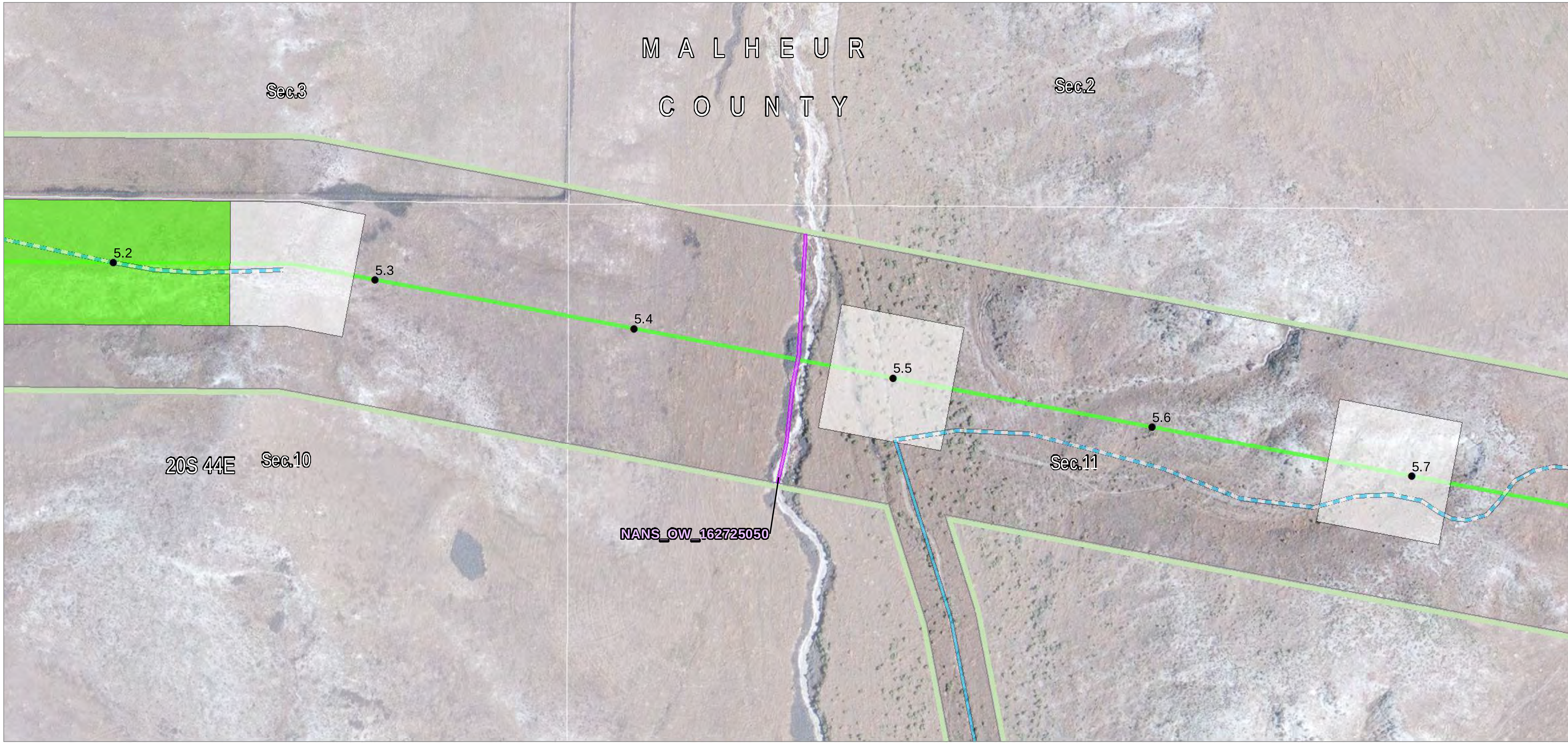
IDAHO POWER
An IDACORP Company

Boardman to Hemingway
Transmission Line Project

Attachment J1-301

Wetland and Other Waters Detail Maps

Malheur County



Map Area

OREGON
PROJECT AREA

0 200
Feet

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

Project Features
Site Boundary
Proposed Route
Alternative Route
Route Centerline
Alternative
Work Areas
Pulling and Tensioning

Structure Work Area
Mileposts
Tenth-mile
Construction Access
Existing Road, Substantial Modification, 71-100% Improvements
New Road, Bladed

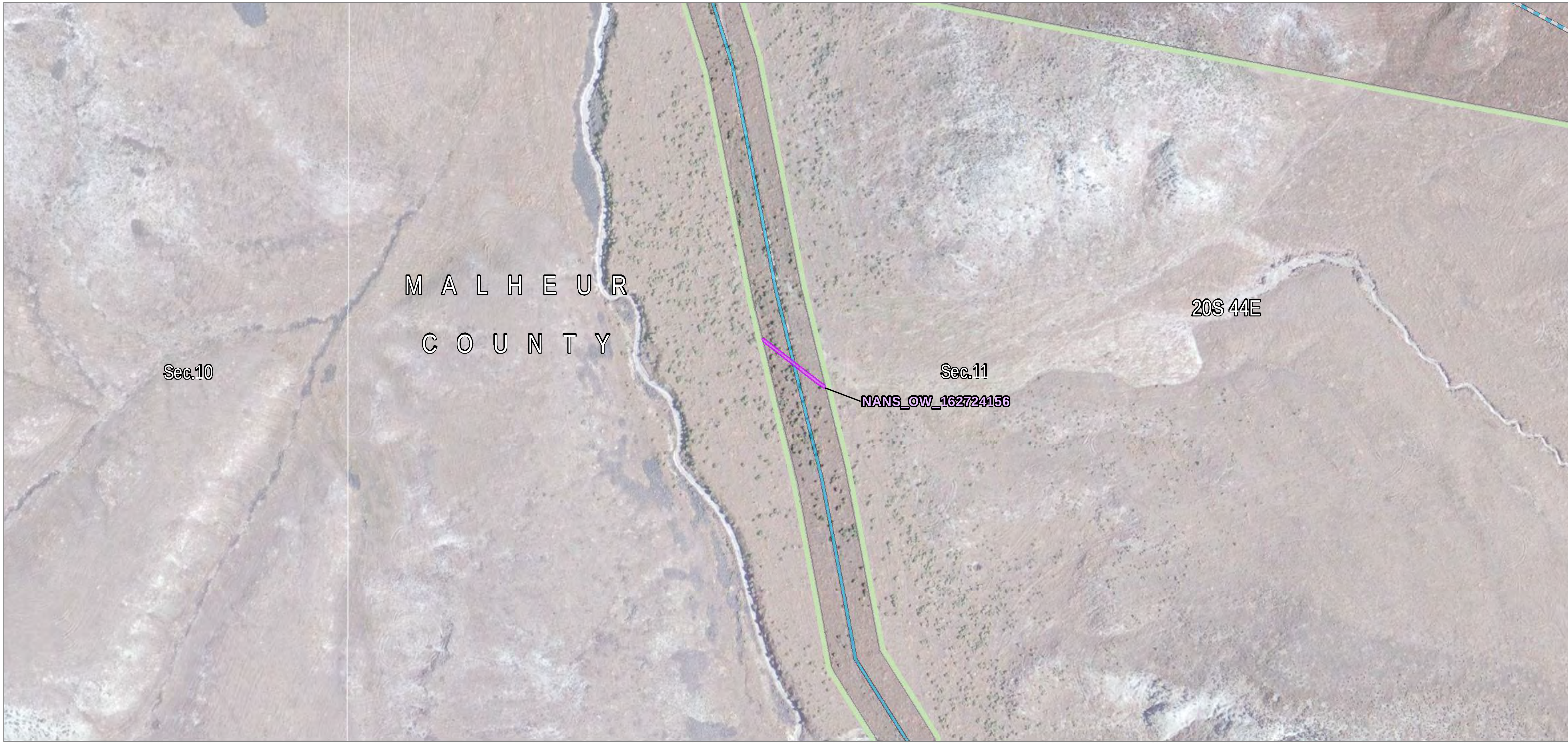
Other Waters
NANS Streams (NHD)

Boardman to Hemingway Transmission Line Project

Attachment J1-302

Wetland and Other Waters Detail Maps

Malheur County



Map Area

OREGON

PROJECT AREA

0 200

Feet

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

Project Features

Site Boundary

Proposed Route

Alternative Route

Route Centerline

Alternative

Construction Access

Existing Road, Substantial Modification, 71-100% Improvements

New Road, Bladed

Other Waters

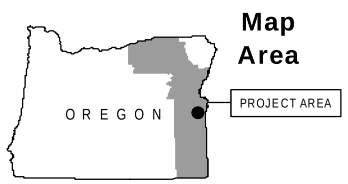
NANS Streams (NHD)

Boardman to Hemingway Transmission Line Project

Attachment J1-303

Wetland and Other Waters Detail Maps

Malheur County



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Feet

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

Project Features

Site Boundary

Proposed Route

Alternative Route

Construction Access

Existing Road, Substantial Modification, 71-100% Improvements

Other Waters

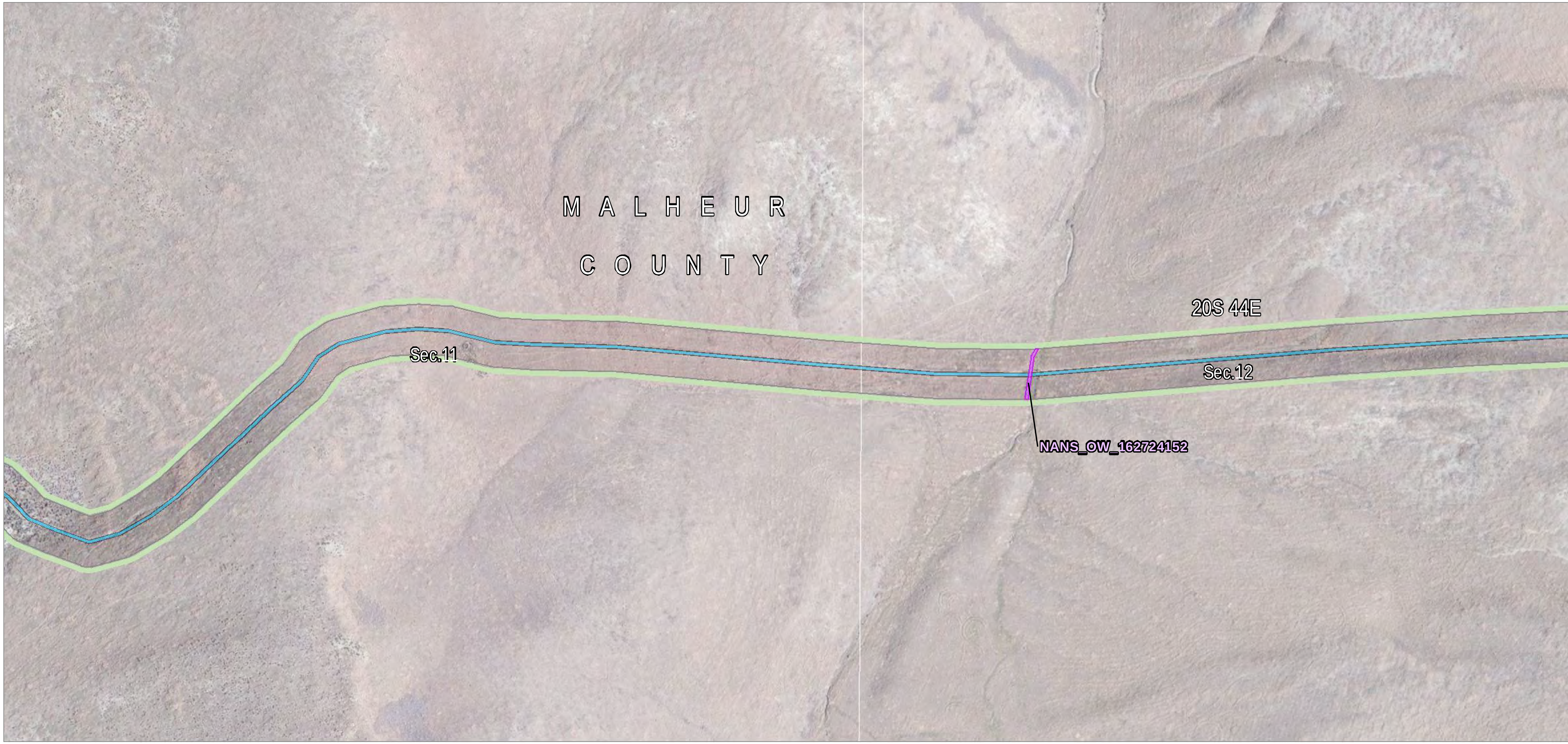
NANS Streams (NHD)

Boardman to Hemingway Transmission Line Project

Attachment J1-304

Wetland and Other Waters Detail Maps

Malheur County



Map Area

OREGON

PROJECT AREA

0 200
Feet

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

Project Features

Site Boundary

Proposed Route

Alternative Route

Construction Access

Existing Road, Substantial Modification, 71-100% Improvements

Other Waters

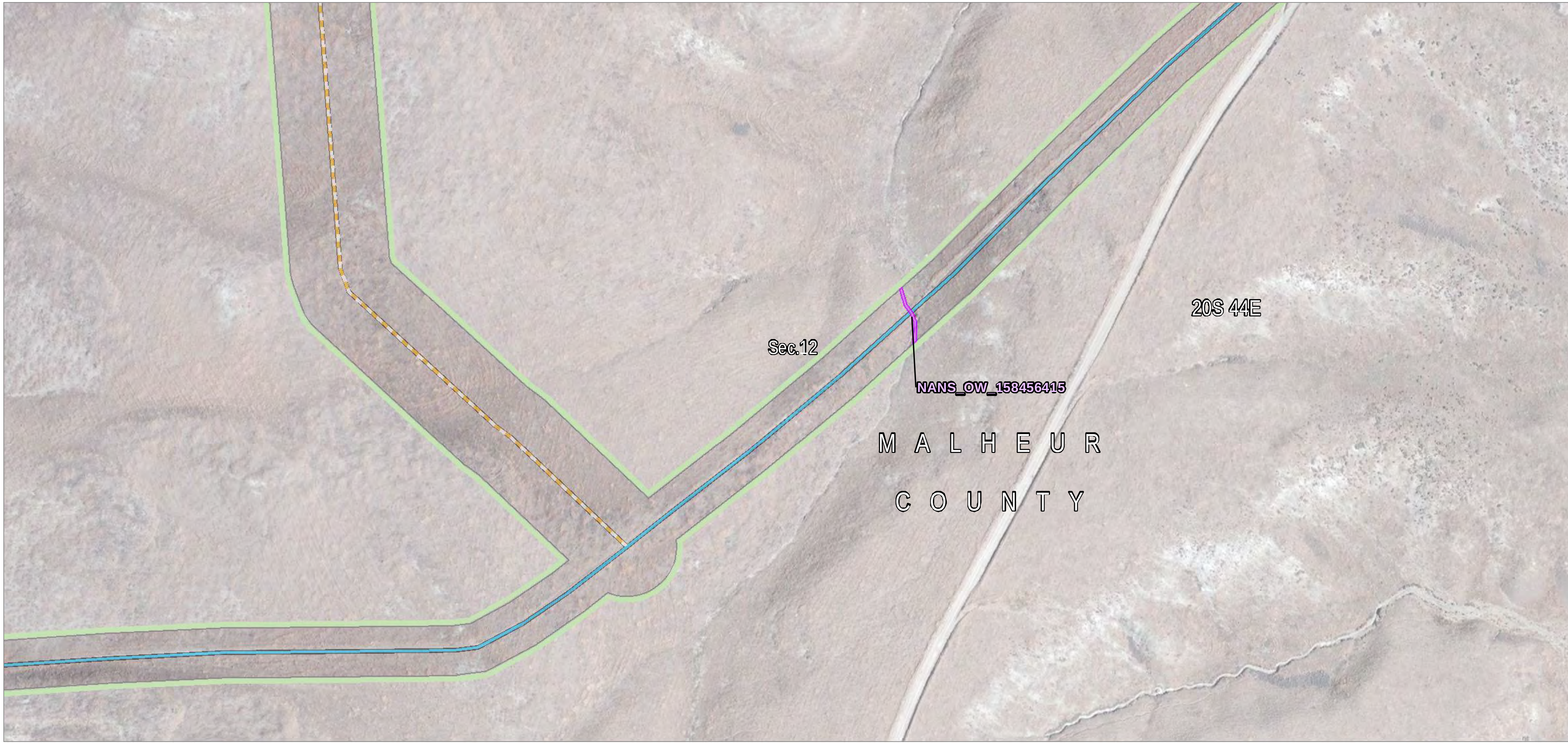
NANS Streams (NHD)

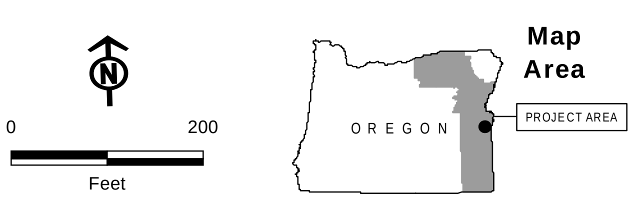
Boardman to Hemingway Transmission Line Project

Attachment J1-305

Wetland and Other Waters Detail Maps

Malheur County





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

Project Features

Site Boundary

Proposed Route

Alternative Route

Construction Access

Existing Road, Substantial Modification, 71-100% Improvements

New Road, Primitive

Other Waters

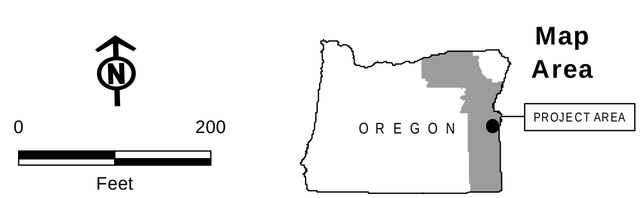
NANS Streams (NHD)

Boardman to Hemingway Transmission Line Project

Attachment J1-306

Wetland and Other Waters Detail Maps

Malheur County



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

Project Features

Site Boundary

Proposed Route

Alternative Route

Construction Access

Existing Road, Substantial Modification, 21-70% Improvements

Other Waters

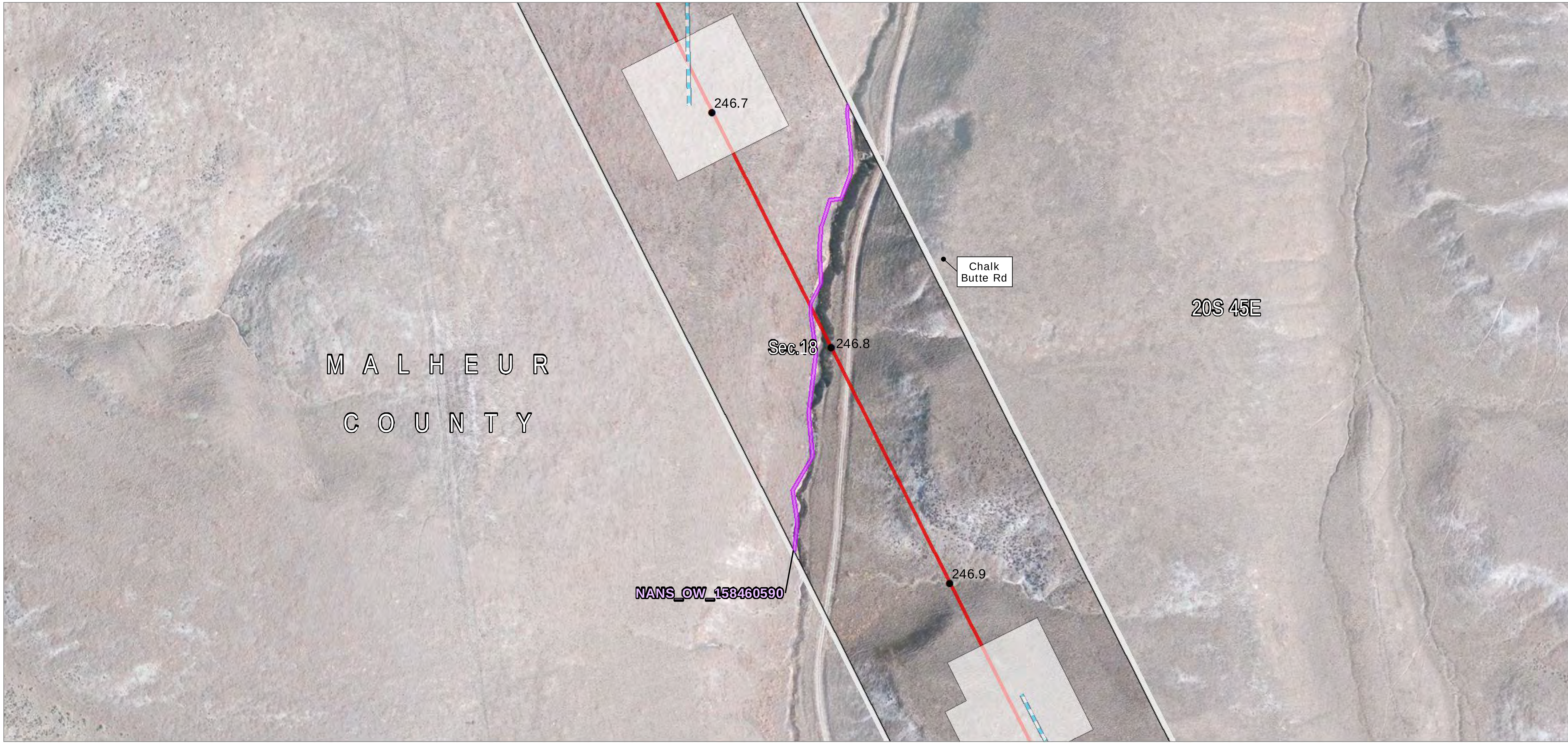
NANS Streams (NHD)

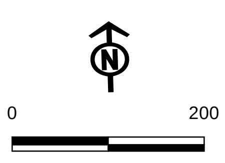
Boardman to Hemingway Transmission Line Project

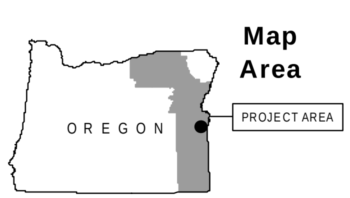
Attachment J1-307

Wetland and Other Waters Detail Maps

Malheur County







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

Project Features

Site Boundary

Proposed Route

Alternative Route

Route Centerline

Proposed Route

Work Areas

Structure Work Area

Mileposts

Tenth-mile

Construction Access

New Road, Bladed

Other Waters

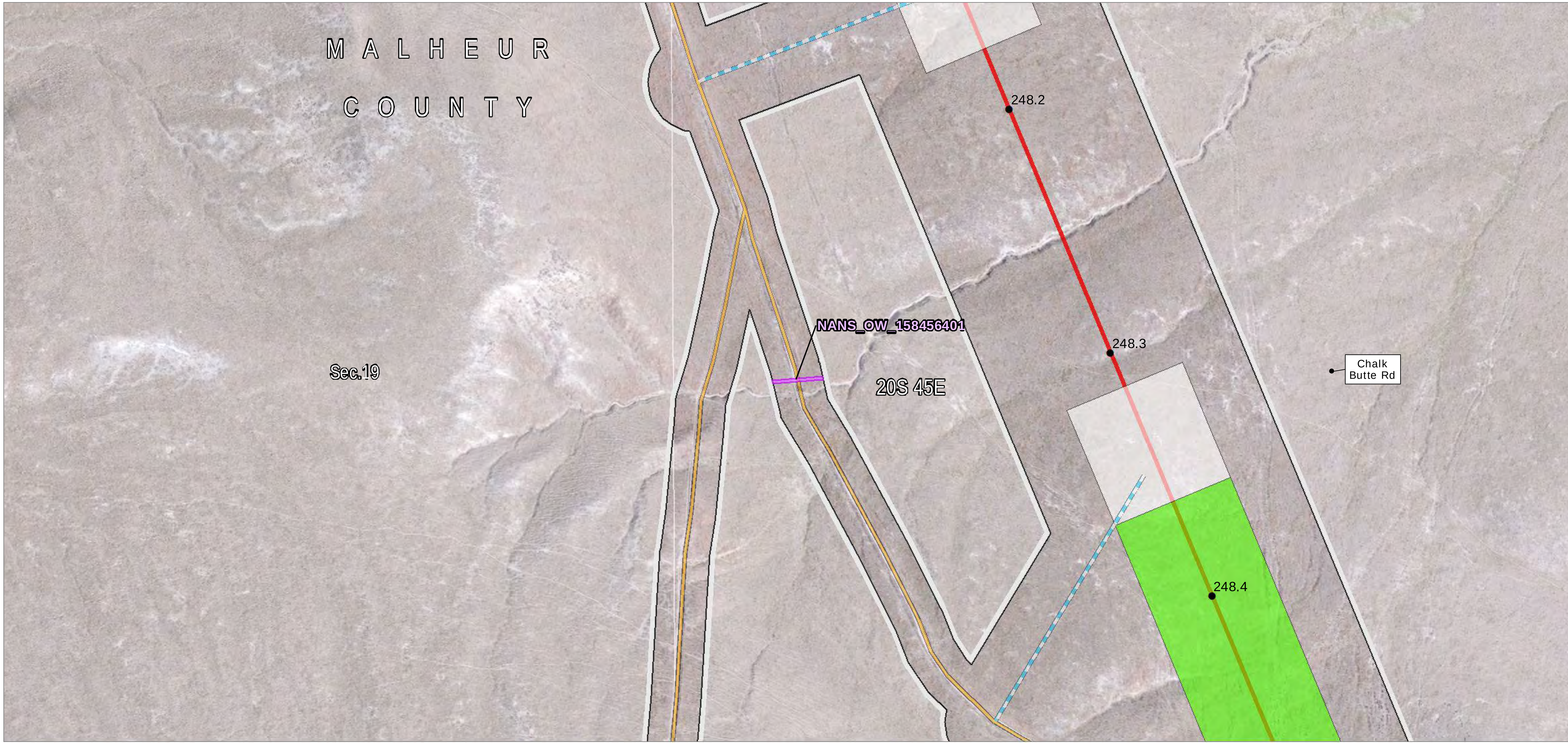
NANS Streams (NHD)

Boardman to Hemingway Transmission Line Project

Attachment J1-308

Wetland and Other Waters Detail Maps

Malheur County



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Feet

Map Area
OREGON
PROJECT AREA

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

Project Features
Site Boundary
Proposed Route
Alternative Route
Route Centerline
Proposed Route
Work Areas
Pulling and Tensioning

Structure Work Area
Mileposts
Tenth-mile
Construction Access
Existing Road, Substantial Modification, 21-70% Improvements
New Road, Bladed

Other Waters
NANS Streams (NHD)

Boardman to Hemingway Transmission Line Project

Attachment J1-309

Wetland and Other Waters Detail Maps

Malheur County

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

Project Features

Site Boundary
- Proposed Route
- Alternative Route

Route Centerline
- Proposed Route

Work Areas
- Pulling and Tensioning

- Structure Work Area

Mileposts
- Tenth-mile

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

Other Waters
- Field Survey Streams

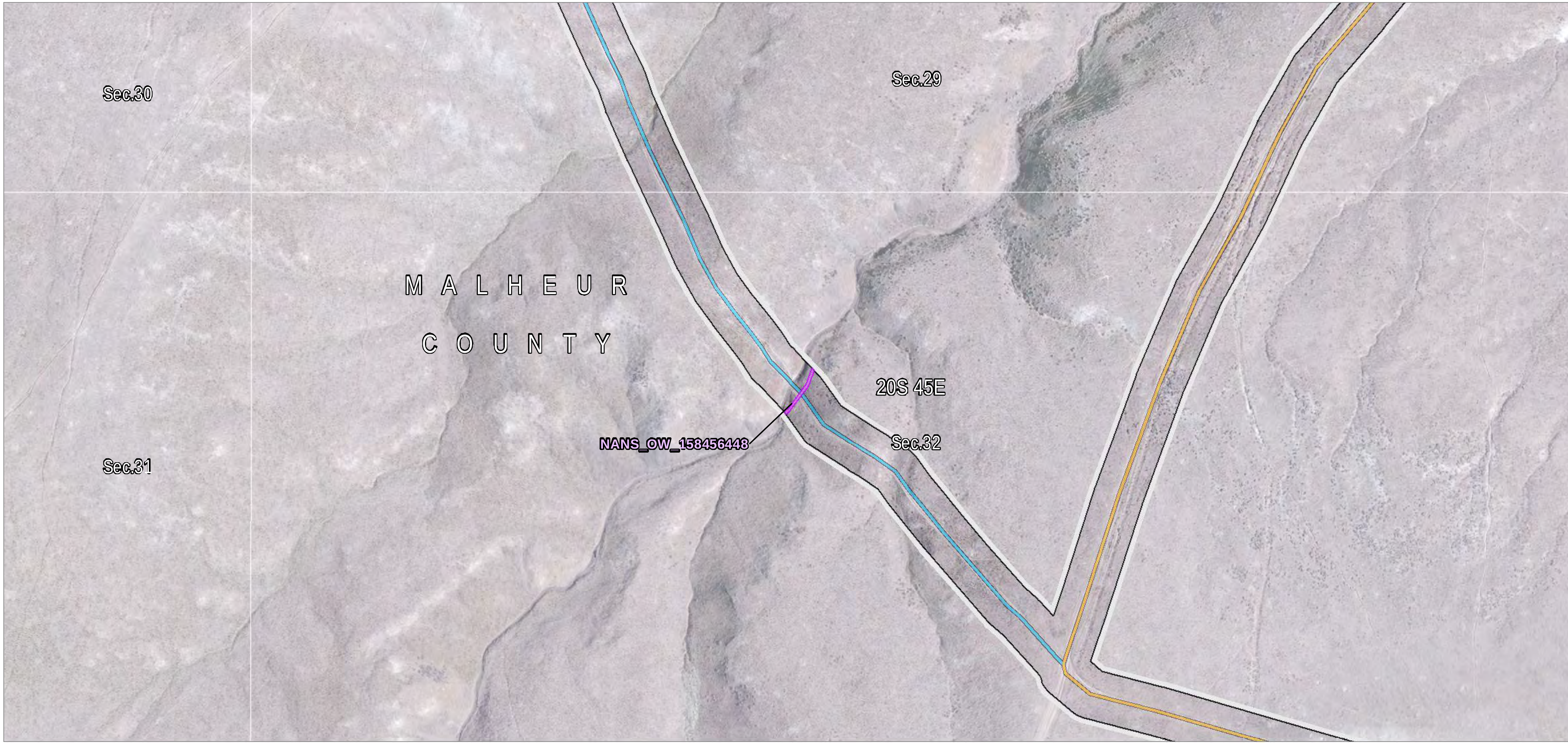
Wetland
- Field Survey Wetland

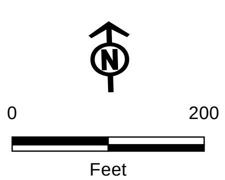
Boardman to Hemingway Transmission Line Project

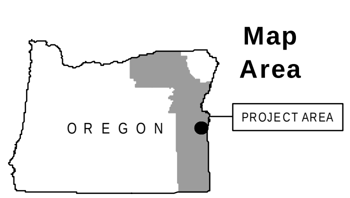
Attachment J1-310

Wetland and Other Waters Detail Maps

Malheur County







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

Project Features

Site Boundary

Proposed Route

Alternative Route

Construction Access

Existing Road, Substantial Modification, 21-70% Improvements

Existing Road, Substantial Modification, 71-100% Improvements

Other Waters

NANS Streams (NHD)

Boardman to Hemingway Transmission Line Project

Attachment J1-311

Wetland and Other Waters Detail Maps

Malheur County

Map Area

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

Project Features
Site Boundary
Proposed Route
Alternative Route
Route Centerline
Proposed Route
Work Areas
Structure Work Area

Mileposts
Tenth-mile
Construction Access
Existing Road, Substantial Modification, 21-70% Improvements
New Road, Bladed

Other Waters
NANS Streams (NHD)
Wetland
Field Survey Wetland

Boardman to Hemingway Transmission Line Project

Attachment J1-312

Wetland and Other Waters Detail Maps

Malheur County

0 200
Feet

Map Area
OREGON
PROJECT AREA

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

Project Features
Site Boundary
Proposed Route
Alternative Route
Route Centerline
Proposed Route
Work Areas
Pulling and Tensioning

Structure Work Area
Mileposts
Mile
Tenth-mile
Construction Access
Existing Road, Substantial Modification, 21-70% Improvements

New Road, Bladed
Other Waters
NANS Streams (NHD)

Boardman to Hemingway Transmission Line Project

Attachment J1-313

Wetland and Other Waters Detail Maps

Malheur County

Map Area

OREGON

PROJECT AREA

0 200

Feet

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

Project Features

Site Boundary

Proposed Route

Alternative Route

Route Centerline

Proposed Route

Work Areas

Pulling and Tensioning

Structure Work Area

Mileposts

Tenth-mile

Construction Access

Existing Road, Substantial Modification, 21-70% Improvements

New Road, Bladed

Other Waters

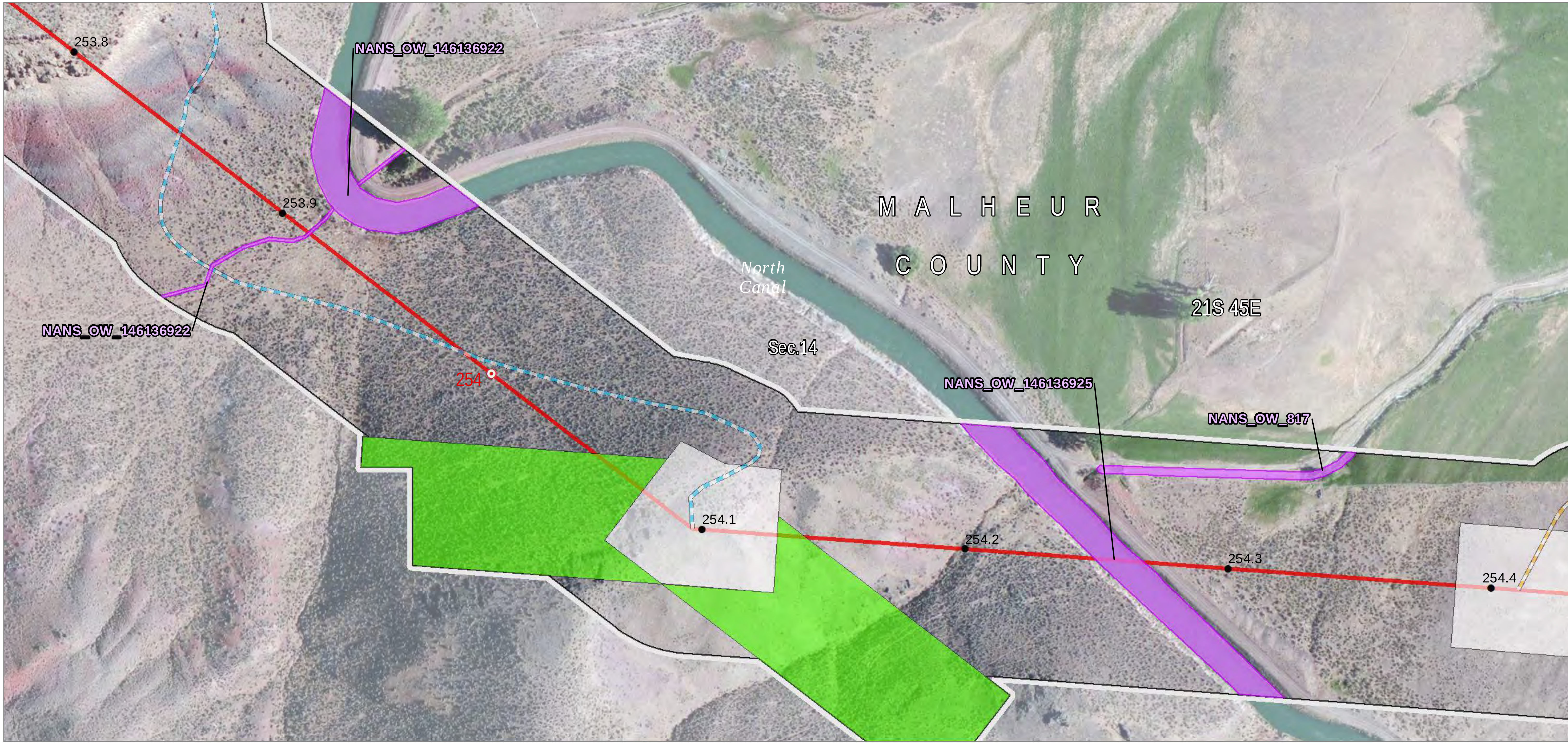
NANS Streams (NHD)

Boardman to Hemingway Transmission Line Project

Attachment J1-314

Wetland and Other Waters Detail Maps

Malheur County



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Feet

Map Area
OREGON
PROJECT AREA

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

Project Features
Site Boundary
Proposed Route
Alternative Route
Route Centerline
Proposed Route
Work Areas
Pulling and Tensioning

Structure Work Area
Mileposts
Mile
Tenth-mile
Construction Access
New Road, Bladed
New Road, Primitive

Other Waters
NANS Streams (NHD)

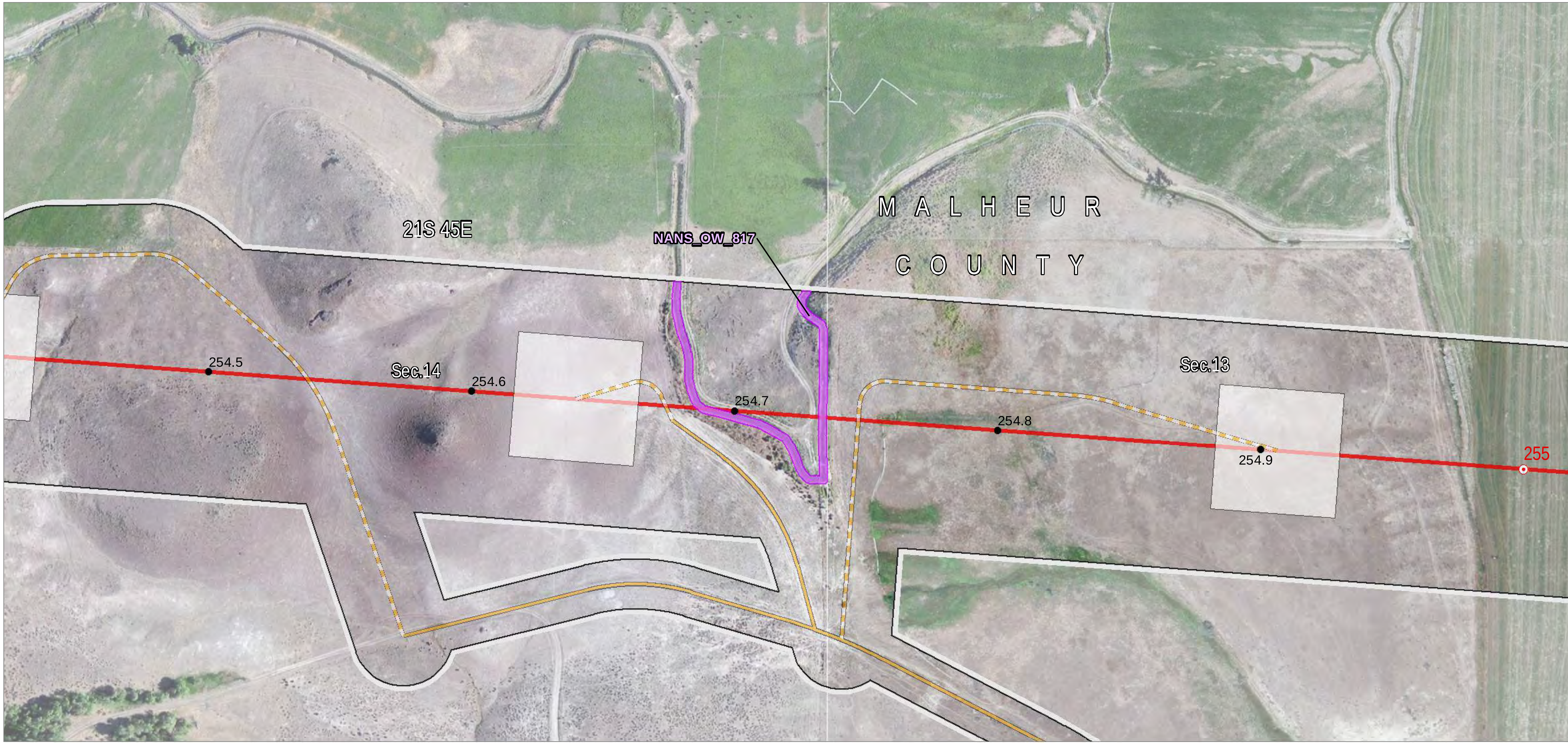
IDAHO POWER. An IDACORP Company

Boardman to Hemingway Transmission Line Project

Attachment J1-315

Wetland and Other Waters Detail Maps

Malheur County



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Map Area
OREGON
PROJECT AREA

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

Project Features
Site Boundary
Proposed Route
Alternative Route
Route Centerline
Proposed Route
Work Areas
Structure Work Area

Mileposts
Mile
Tenth-mile
Construction Access
Existing Road, Substantial Modification, 21-70% Improvements
New Road, Primitive

Other Waters
NANS Streams (NHD)

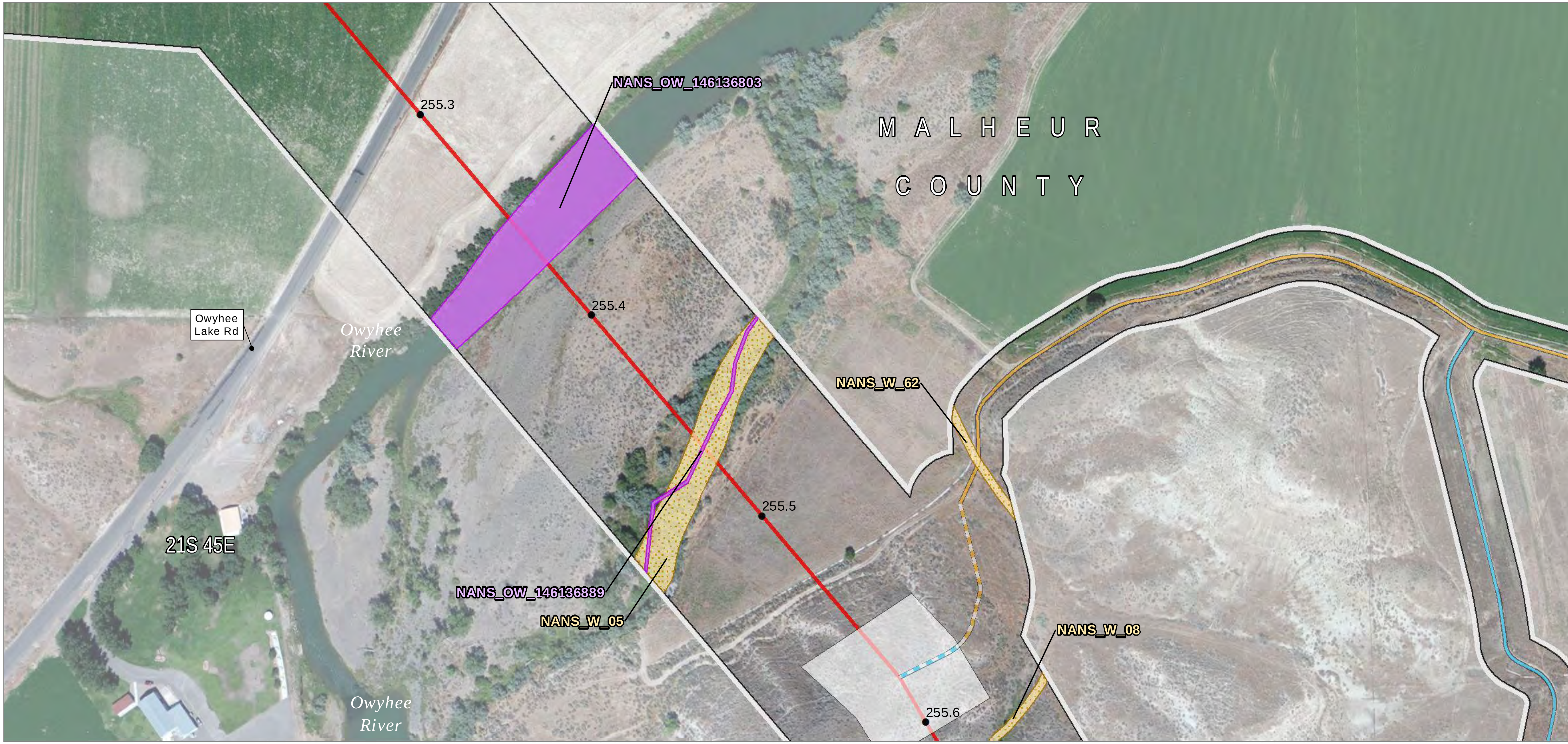
IDAHO POWER
An IDACORP Company

Boardman to Hemingway Transmission Line Project

Attachment J1-316

Wetland and Other Waters Detail Maps

Malheur County



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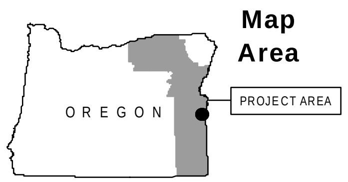
Map Area



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Project Features

Site Boundary
- Proposed Route
- Alternative Route

Route Centerline
- Proposed Route

Work Areas
- Structure Work Area

Mileposts
- Tenth-mile

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

Other Waters
- NANS Streams (NHD)

Wetland
- NANS Wetland (NWI)

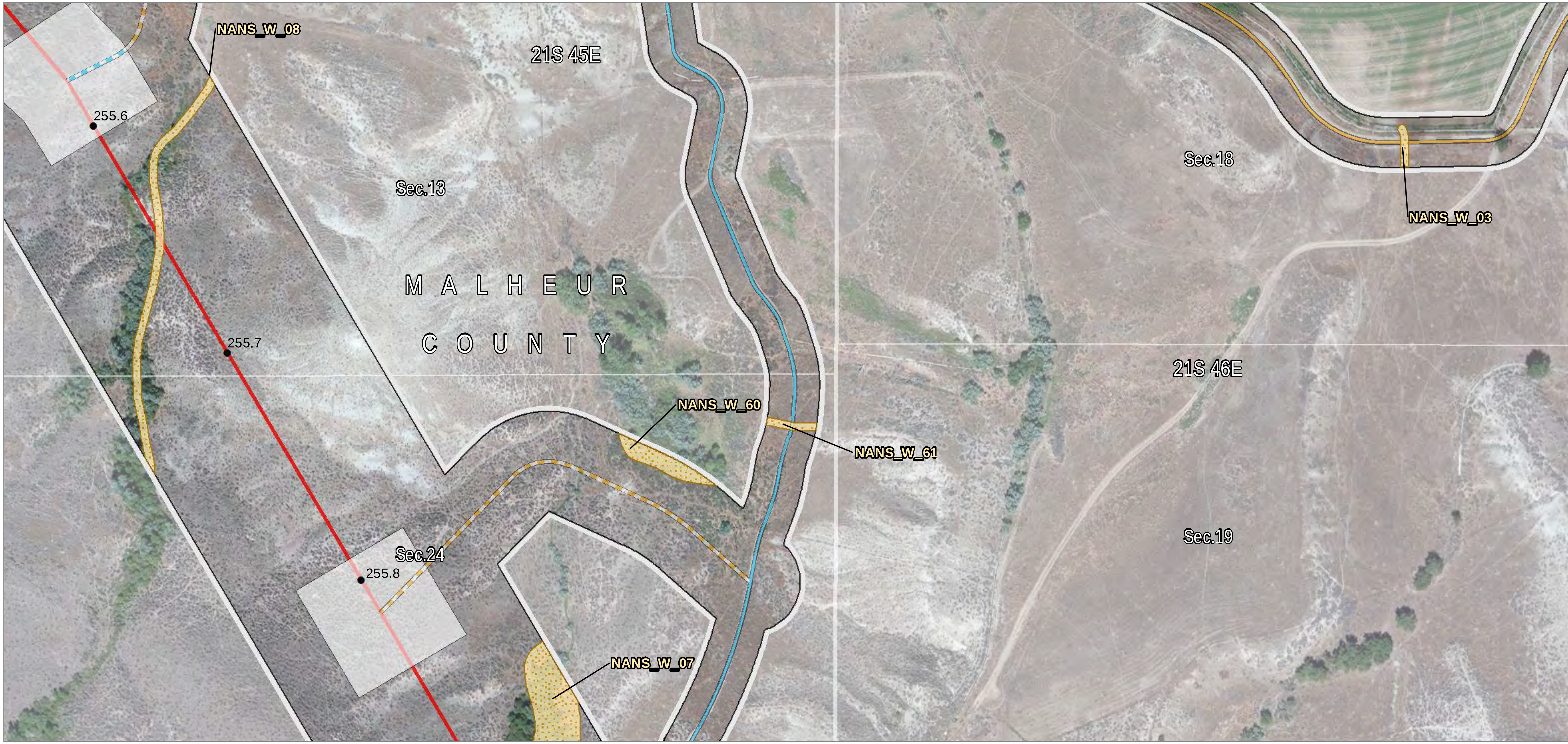
IDAHO POWER. An IDACORP Company

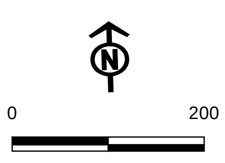
Boardman to Hemingway Transmission Line Project

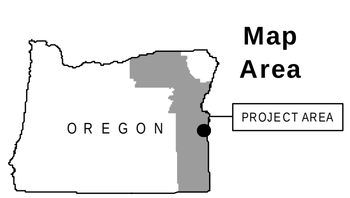
Attachment J1-317

Wetland and Other Waters Detail Maps

Malheur County







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

Project Features

Site Boundary
- Proposed Route
- Alternative Route

Route Centerline
- Proposed Route

Work Areas
- Structure Work Area

Mileposts
- Tenth-mile

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

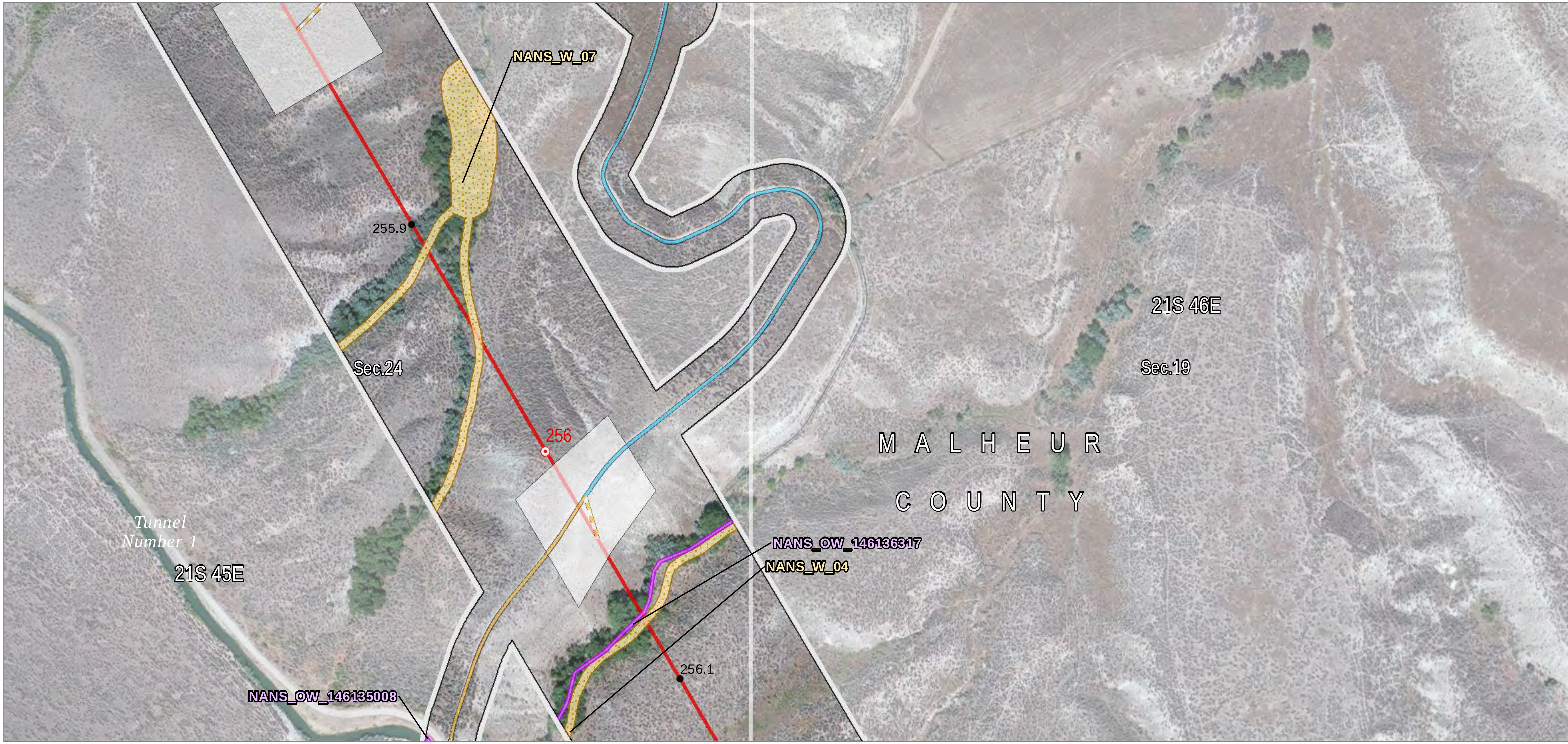
Wetland
- NANS Wetland (NWI)

Boardman to Hemingway Transmission Line Project

Attachment J1-318

Wetland and Other Waters Detail Maps

Malheur County



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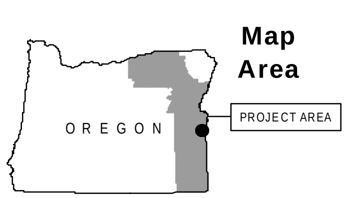
Feet



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Project Features

Site Boundary

Proposed Route

Alternative Route

Route Centerline

Proposed Route

Work Areas

Structure Work Area

Mileposts

Mile

Tenth-mile

Construction Access

Existing Road, Substantial Modification, 21-70% Improvements

Existing Road, Substantial Modification, 71-100% Improvements

New Road, Primitive

Other Waters

NANS Streams (NHD)

Wetland

NANS Wetland (NWI)

IDAHO POWER
An IDACORP Company

Boardman to Hemingway Transmission Line Project

Attachment J1-319

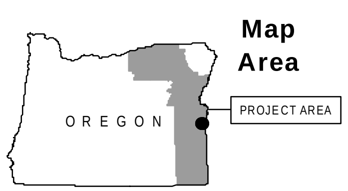
Wetland and Other Waters Detail Maps

Malheur County

N

0 200

Feet



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Project Features

Site Boundary

Proposed Route

Alternative Route

Route Centerline

Proposed Route

Work Areas

Structure Work Area

Mileposts

Tenth-mile

Construction Access

Existing Road, Substantial Modification, 21-70% Improvements

New Road, Primitive

Other Waters

NANS Streams (NHD)

Wetland

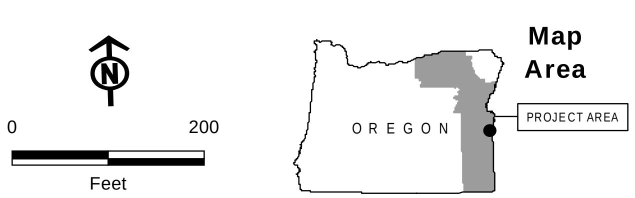
NANS Wetland (NWI)

Boardman to Hemingway Transmission Line Project

Attachment J1-320

Wetland and Other Waters Detail Maps

Malheur County



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Project Features

Site Boundary

Proposed Route

Alternative Route

Construction Access

Existing Road, Substantial Modification, 21-70% Improvements

Other Waters

NANS Streams (NHD)

Boardman to Hemingway Transmission Line Project

Attachment J1-321

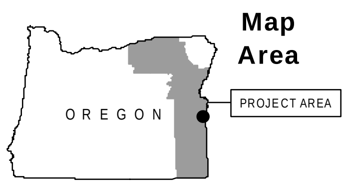
Wetland and Other Waters Detail Maps

Malheur County

N

0 200
Feet

Map Area



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Project Features

Site Boundary

Proposed Route

Alternative Route

Construction Access

Existing Road, Substantial Modification, 21-70% Improvements

Other Waters

NANS Streams (NHD)

IDAHO POWER. An IDACORP Company

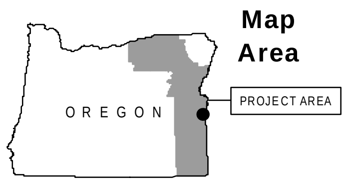
Boardman to Hemingway Transmission Line Project

Attachment J1-322

Wetland and Other Waters Detail Maps

Malheur County

0 200
Feet



Map Area

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

Project Features

Site Boundary

Proposed Route

Alternative Route

Construction Access

Existing Road, Substantial Modification, 21-70% Improvements

Other Waters

NANS Streams (NHD)

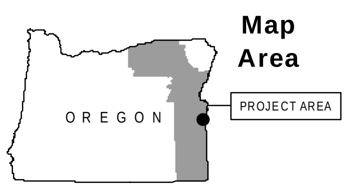
Boardman to Hemingway Transmission Line Project

Attachment J1-323

Wetland and Other Waters Detail Maps

Malheur County

0 200
Feet



Map Area

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

Project Features

Site Boundary
- Proposed Route
- Alternative Route

Route Centerline
- Proposed Route

Work Areas
- Structure Work Area

Mileposts
- Tenth-mile

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

Other Waters
- NANS Streams (NHD)

Boardman to Hemingway Transmission Line Project

Attachment J1-324

Wetland and Other Waters Detail Maps

Malheur County

Map Area

OREGON

PROJECT AREA

0 200

Feet

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

Project Features

Site Boundary

Proposed Route

Alternative Route

Route Centerline

Proposed Route

Work Areas

Structure Work Area

Mileposts

Tenth-mile

Construction Access

Existing Road, Substantial Modification, 21-70% Improvements

Existing Road, Substantial Modification, 71-100% Improvements

New Road, Primitive

Other Waters

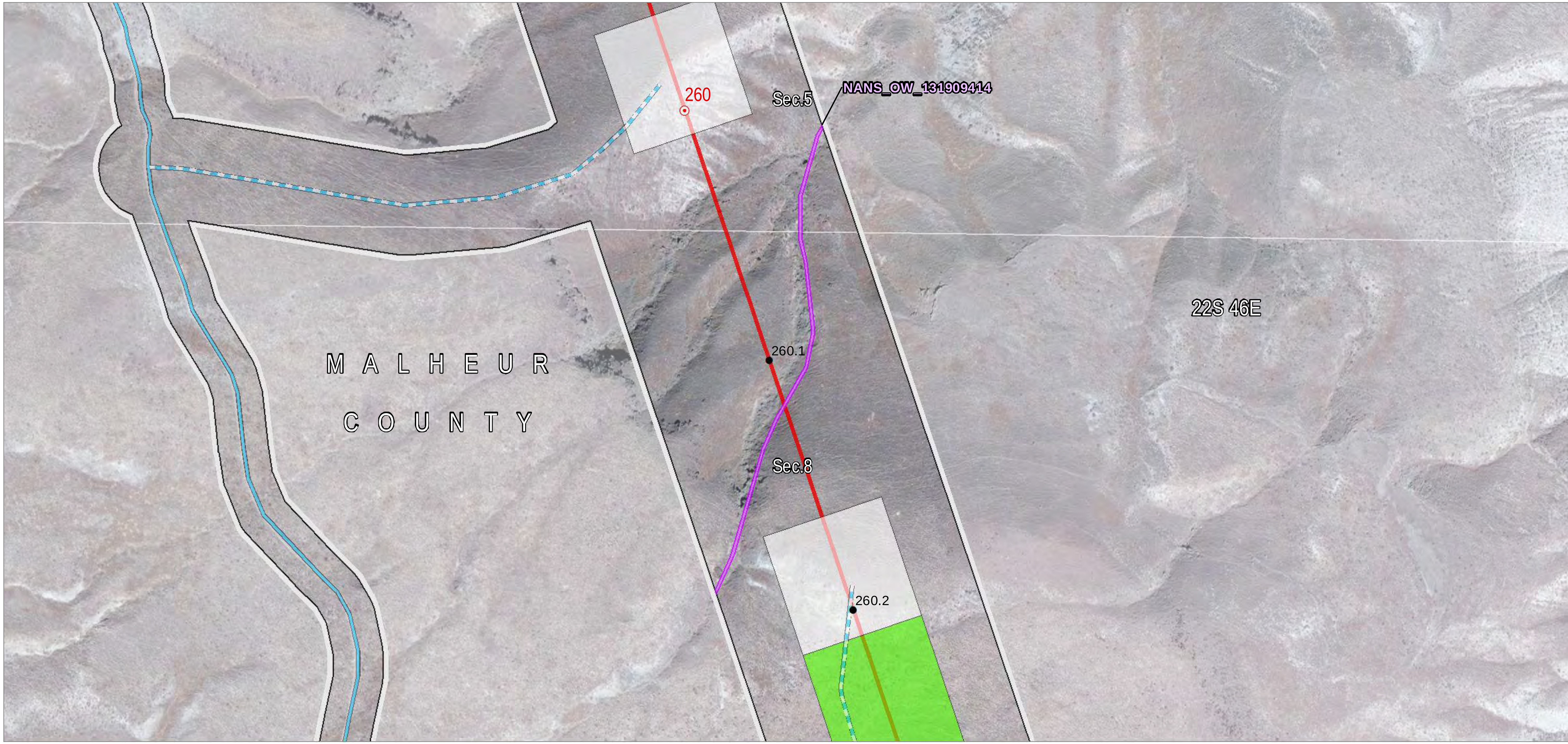
NANS Streams (NHD)

Boardman to Hemingway Transmission Line Project

Attachment J1-325

Wetland and Other Waters Detail Maps

Malheur County



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0 200

Feet

Map Area

OREGON

PROJECT AREA

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

Project Features

Site Boundary

Proposed Route

Alternative Route

Route Centerline

Proposed Route

Work Areas

Pulling and Tensioning

Structure Work Area

Mileposts

Mile

Tenth-mile

Construction Access

Existing Road, Substantial Modification, 71-100% Improvements

New Road, Bladed

Other Waters

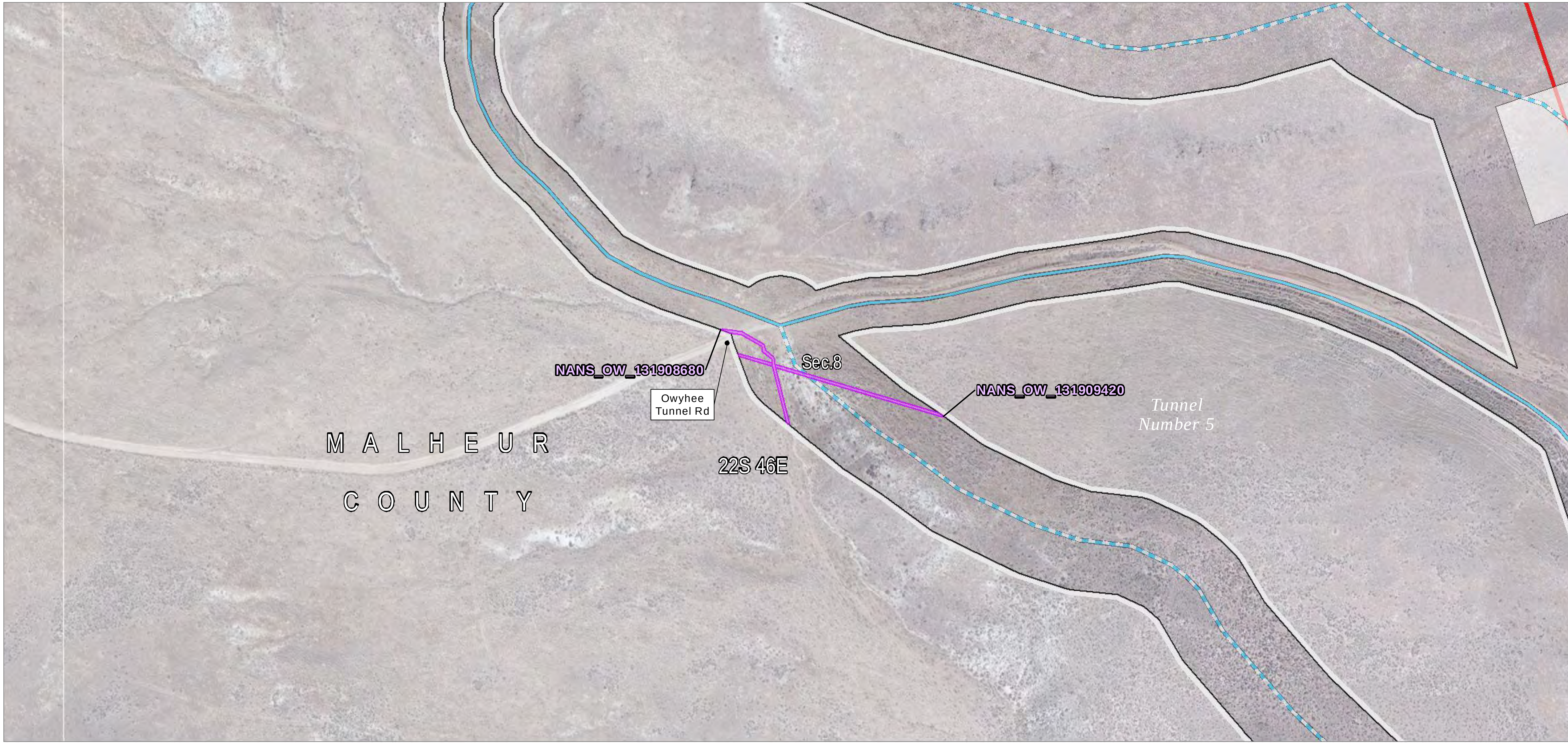
NANS Streams (NHD)

Boardman to Hemingway Transmission Line Project

Attachment J1-326

Wetland and Other Waters Detail Maps

Malheur County



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Feet

Map
Area

OREGON
PROJECT AREA

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

Project Features

Site Boundary
- Proposed Route
- Alternative Route

Route Centerline
- Proposed Route

Work Areas
- Structure Work Area

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

Other Waters
- NANS Streams (NHD)

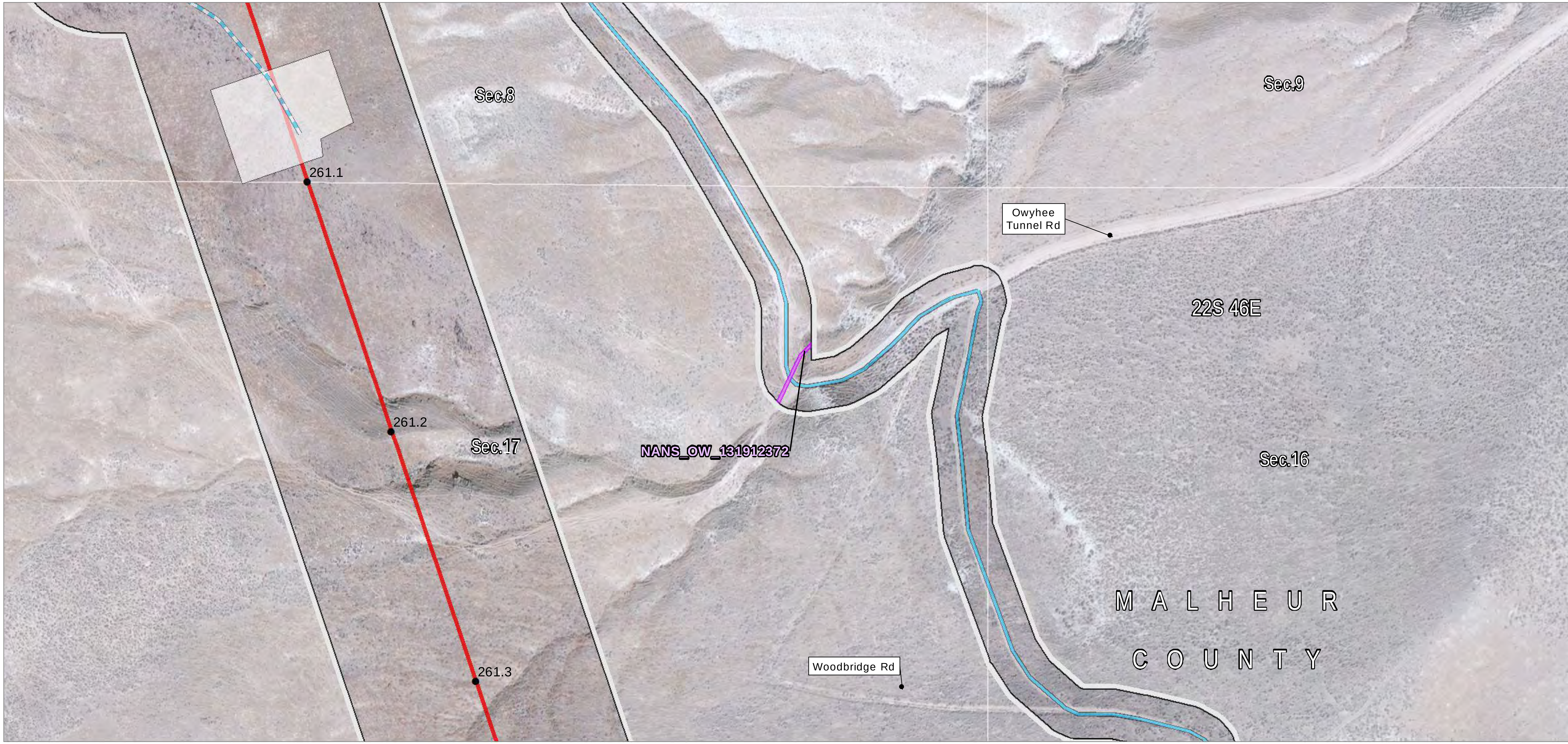
IDAHO POWER An IDACORP Company

Boardman to Hemingway Transmission Line Project

Attachment J1-327

Wetland and Other Waters Detail Maps

Malheur County



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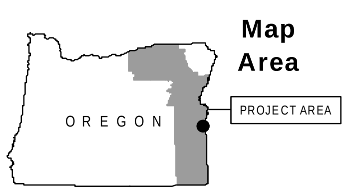
Feet



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Project Features

Site Boundary

Proposed Route

Alternative Route

Route Centerline

Proposed Route

Work Areas

Structure Work Area

Mileposts

Tenth-mile

Construction Access

Existing Road, Substantial Modification, 71-100% Improvements

New Road, Bladed

Other Waters

NANS Streams (NHD)

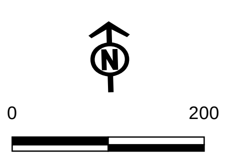
IDAHO POWER
An IDACORP Company

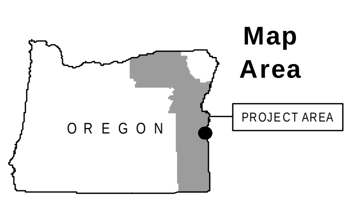
Boardman to Hemingway
Transmission Line Project

Attachment J1-328

Wetland and Other Waters Detail Maps

Malheur County





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Project Features

Site Boundary
- Proposed Route
- Alternative Route

Route Centerline
- Proposed Route

Work Areas
- Pulling and Tensioning

- Structure Work Area

Mileposts
- Mile
- Tenth-mile

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

- New Road, Bladed

Other Waters
- NANS Streams (NHD)

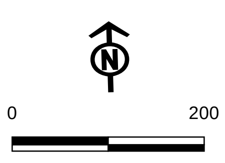
IDAHO POWER. An IDACORP Company

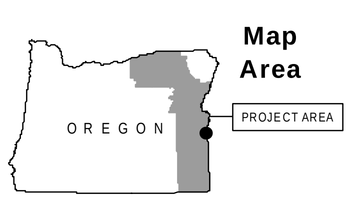
Boardman to Hemingway Transmission Line Project

Attachment J1-329

Wetland and Other Waters Detail Maps

Malheur County





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Project Features

Site Boundary

Proposed Route

Alternative Route

Construction Access

Existing Road, Substantial Modification, 21-70% Improvements

Other Waters

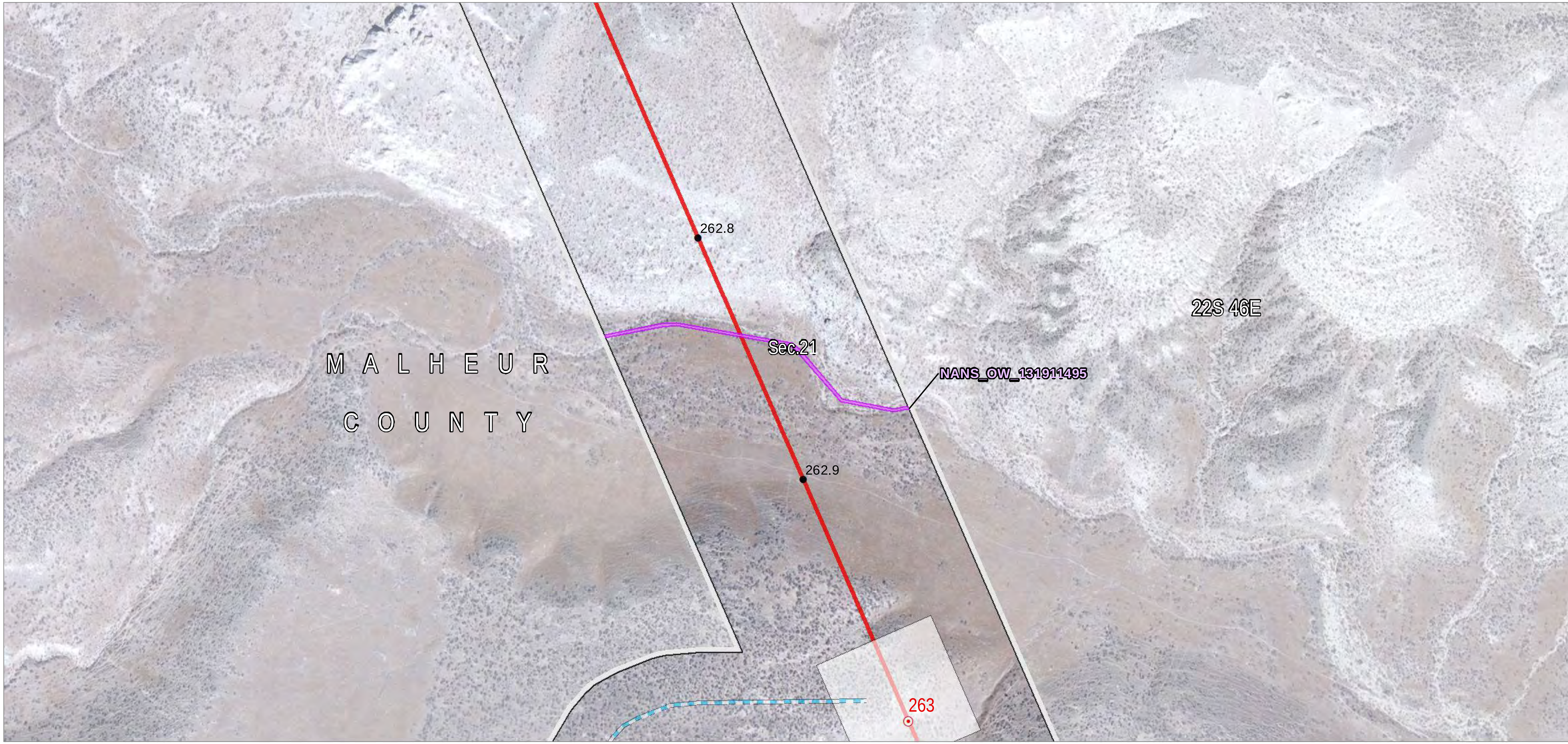
NANS Streams (NHD)

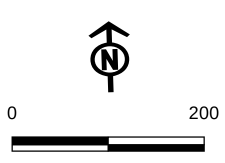
Boardman to Hemingway Transmission Line Project

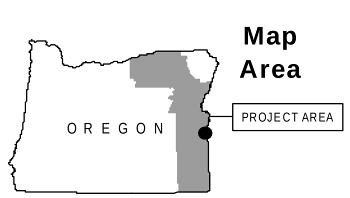
Attachment J1-330

Wetland and Other Waters Detail Maps

Malheur County







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Project Features

Site Boundary

Proposed Route

Alternative Route

Route Centerline

Proposed Route

Work Areas

Structure Work Area

Mileposts

Mile

Tenth-mile

Construction Access

New Road, Bladed

Other Waters

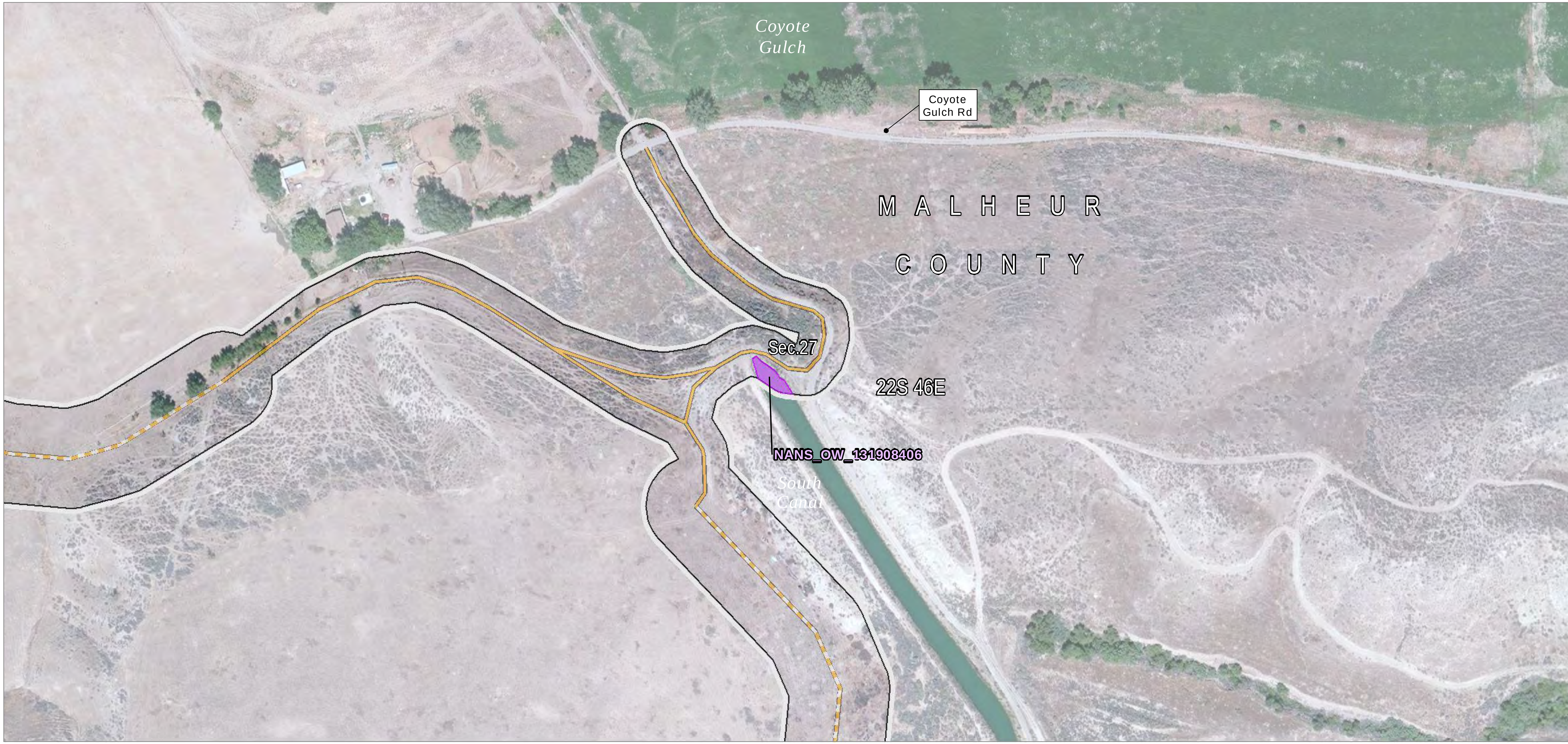
NANS Streams (NHD)

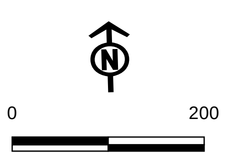
Boardman to Hemingway Transmission Line Project

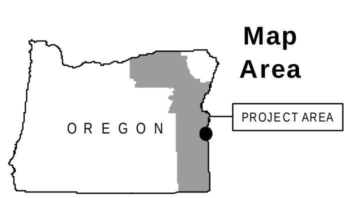
Attachment J1-331

Wetland and Other Waters Detail Maps

Malheur County







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

Project Features

Site Boundary

Proposed Route

Alternative Route

Construction Access

Existing Road, Substantial Modification, 21-70% Improvements

New Road, Primitive

Other Waters

NANS Streams (NHD)

Boardman to Hemingway Transmission Line Project

Attachment J1-332

Wetland and Other Waters Detail Maps

Malheur County

Map Area

OREGON

PROJECT AREA

0 200

Feet

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

Project Features

Site Boundary

Proposed Route

Alternative Route

Route Centerline

Proposed Route

Work Areas

Structure Work Area

Mileposts

Tenth-mile

Construction Access

Existing Road, Substantial Modification, 21-70% Improvements

New Road, Bladed

New Road, Primitive

Other Waters

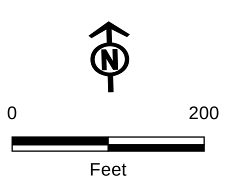
NANS Streams (NHD)

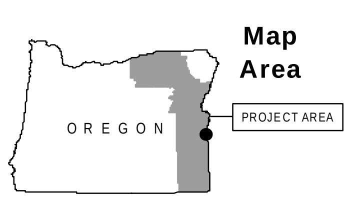
Boardman to Hemingway Transmission Line Project

Attachment J1-333

Wetland and Other Waters Detail Maps

Malheur County





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Project Features
Site Boundary
Proposed Route
Alternative Route
Route Centerline
Proposed Route
Work Areas
Structure Work Area

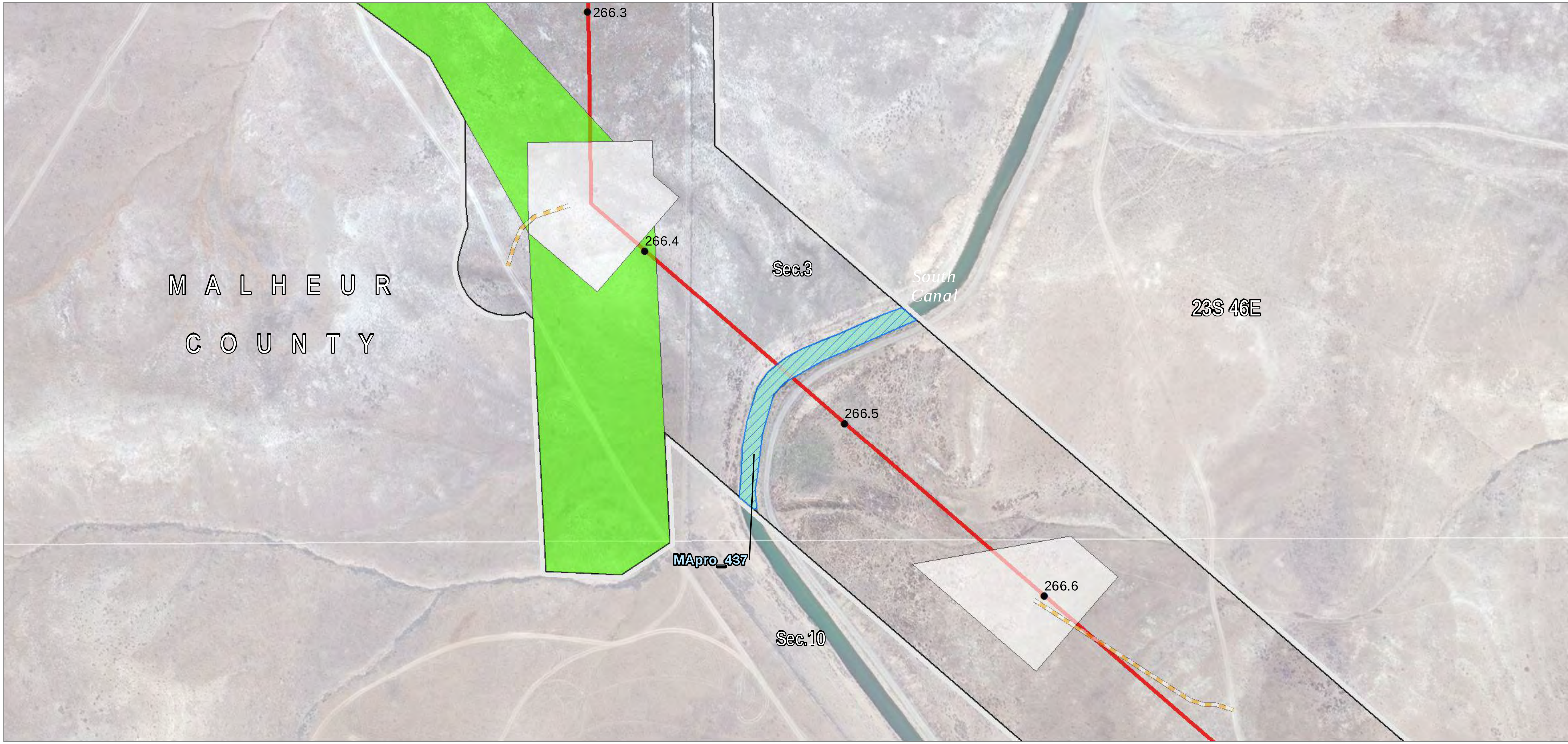
Mileposts
Mile
Tenth-mile
Construction Access
New Road, Bladed
New Road, Primitive
Other Waters
NANS Streams (NHD)

Boardman to Hemingway Transmission Line Project

Attachment J1-334

Wetland and Other Waters Detail Maps

Malheur County



N

0 200

Feet

Map Area

OREGON

PROJECT AREA

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

Project Features

Site Boundary

Proposed Route

Alternative Route

Route Centerline

Proposed Route

Work Areas

Pulling and Tensioning

Structure Work Area

Mileposts

Tenth-mile

Construction Access

New Road, Primitive

Other Waters

Field Survey Streams

IDAHO POWER An IDACORP Company

Boardman to Hemingway Transmission Line Project

Attachment J1-335

Wetland and Other Waters Detail Maps

Malheur County

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

Project Features
Site Boundary
Proposed Route
Alternative Route
Route Centerline
Proposed Route
Work Areas
Structure Work Area

Mileposts
Mile
Tenth-mile
Construction Access
New Road, Bladed
New Road, Primitive
Other Waters
Field Survey Streams

Wetland
Field Survey Wetland

Boardman to Hemingway Transmission Line Project

Attachment J1-336

Wetland and Other Waters Detail Maps

Malheur County

Map Area

OREGON

PROJECT AREA

0 200
Feet

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

Project Features

Site Boundary

Proposed Route

Alternative Route

Construction Access

Existing Road, Substantial Modification, 21-70% Improvements

Other Waters

NANS Streams (NHD)

Boardman to Hemingway Transmission Line Project

Attachment J1-337

Wetland and Other Waters Detail Maps

Malheur County

0 200
Feet

Map Area

OREGON

PROJECT AREA

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

Project Features
Site Boundary
Proposed Route
Alternative Route
Construction Access
Existing Road, Substantial Modification, 21-70% Improvements

Wetland
NANS Wetland (NWI)

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Boardman to Hemingway Transmission Line Project

Attachment J1-338

Wetland and Other Waters Detail Maps

Malheur County

0 200
Feet

Map Area
OREGON
PROJECT AREA

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

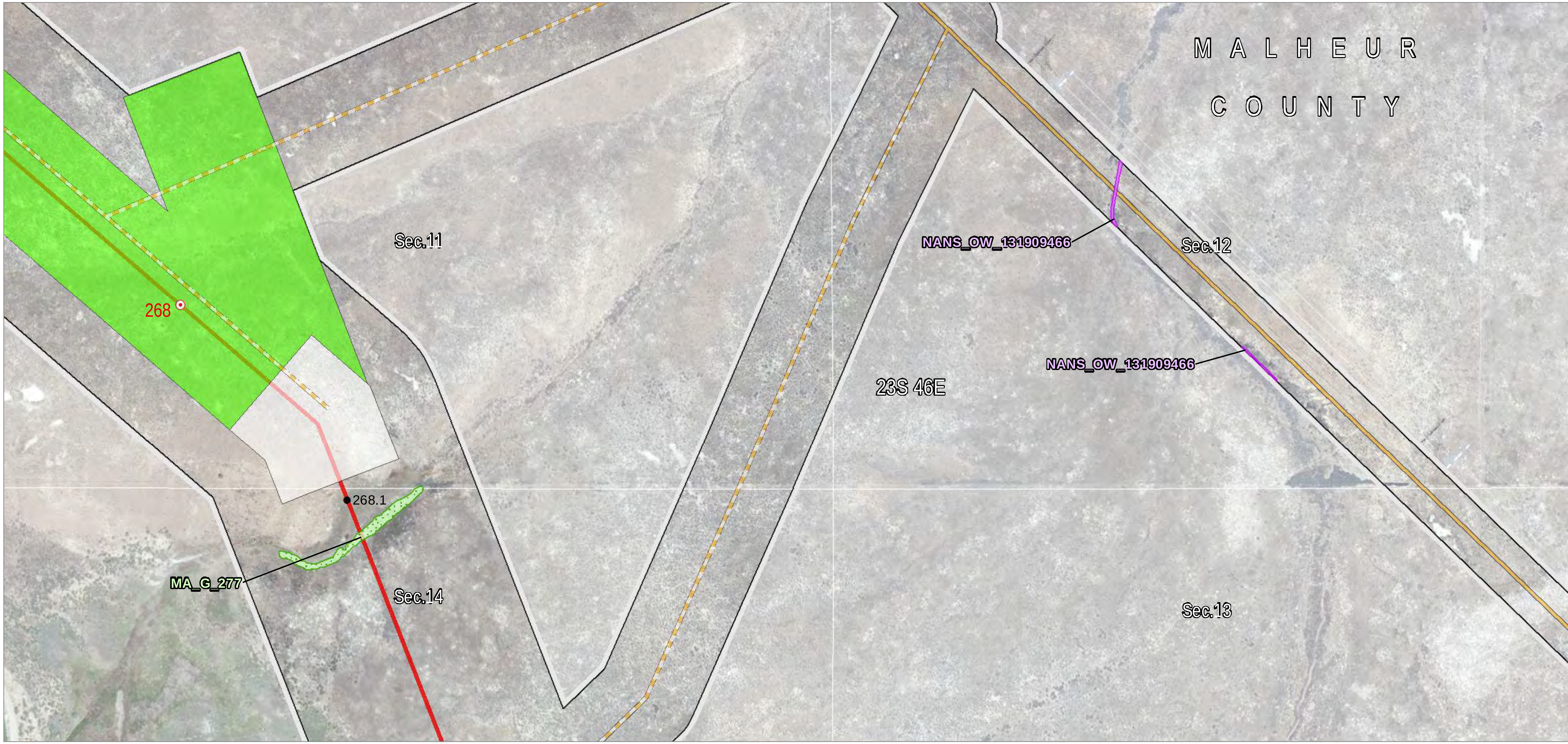
Project Features
Site Boundary
Proposed Route
Alternative Route
Route Centerline
Proposed Route
Work Areas
Pulling and Tensioning
Structure Work Area
Mileposts
Tenth-mile
Construction Access
Existing Road, Substantial Modification, 21-70% Improvements
New Road, Bladed
New Road, Primitive
Other Waters
Field Survey Streams

Boardman to Hemingway Transmission Line Project

Attachment J1-339

Wetland and Other Waters Detail Maps

Malheur County



Map
Area

OREGON
PROJECT AREA

0 200
Feet

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

Project Features
Site Boundary
Proposed Route
Alternative Route
Route Centerline
Proposed Route
Work Areas
Pulling and Tensioning

Structure Work Area
Mileposts
Mile
Tenth-mile
Construction Access
Existing Road, Substantial Modification, 21-70% Improvements

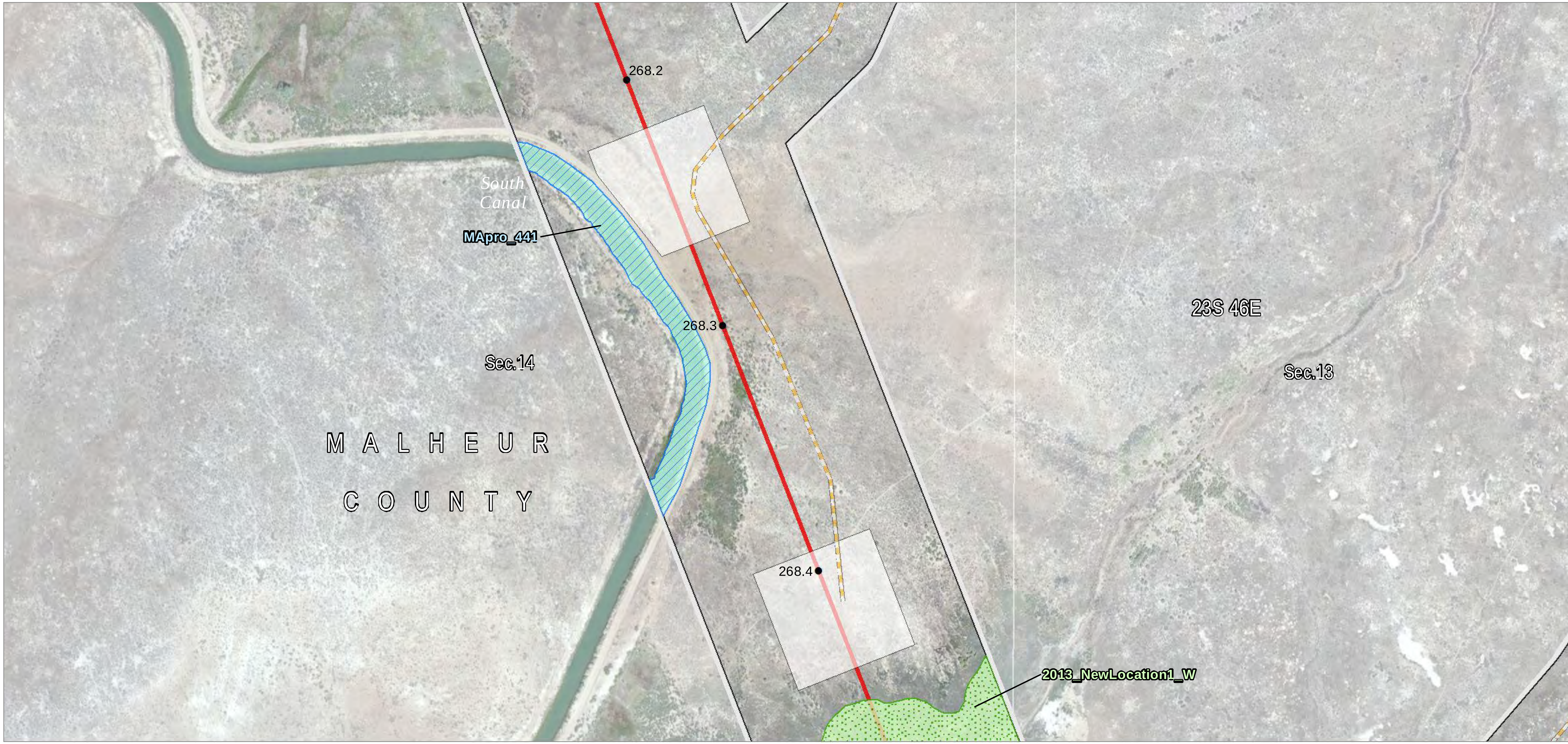
New Road, Primitive
Other Waters
NANS Streams (NHD)
Wetland
Field Survey Wetland

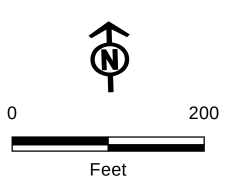
Boardman to Hemingway Transmission Line Project

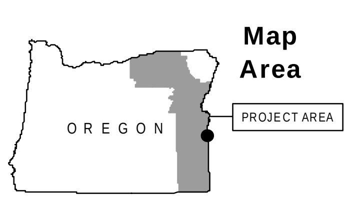
Attachment J1-340

Wetland and Other Waters Detail Maps

Malheur County







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

Project Features

Site Boundary

Proposed Route

Alternative Route

Route Centerline

Proposed Route

Work Areas

Structure Work Area

Mileposts

Tenth-mile

Construction Access

New Road, Primitive

Other Waters

Field Survey Streams

Wetland

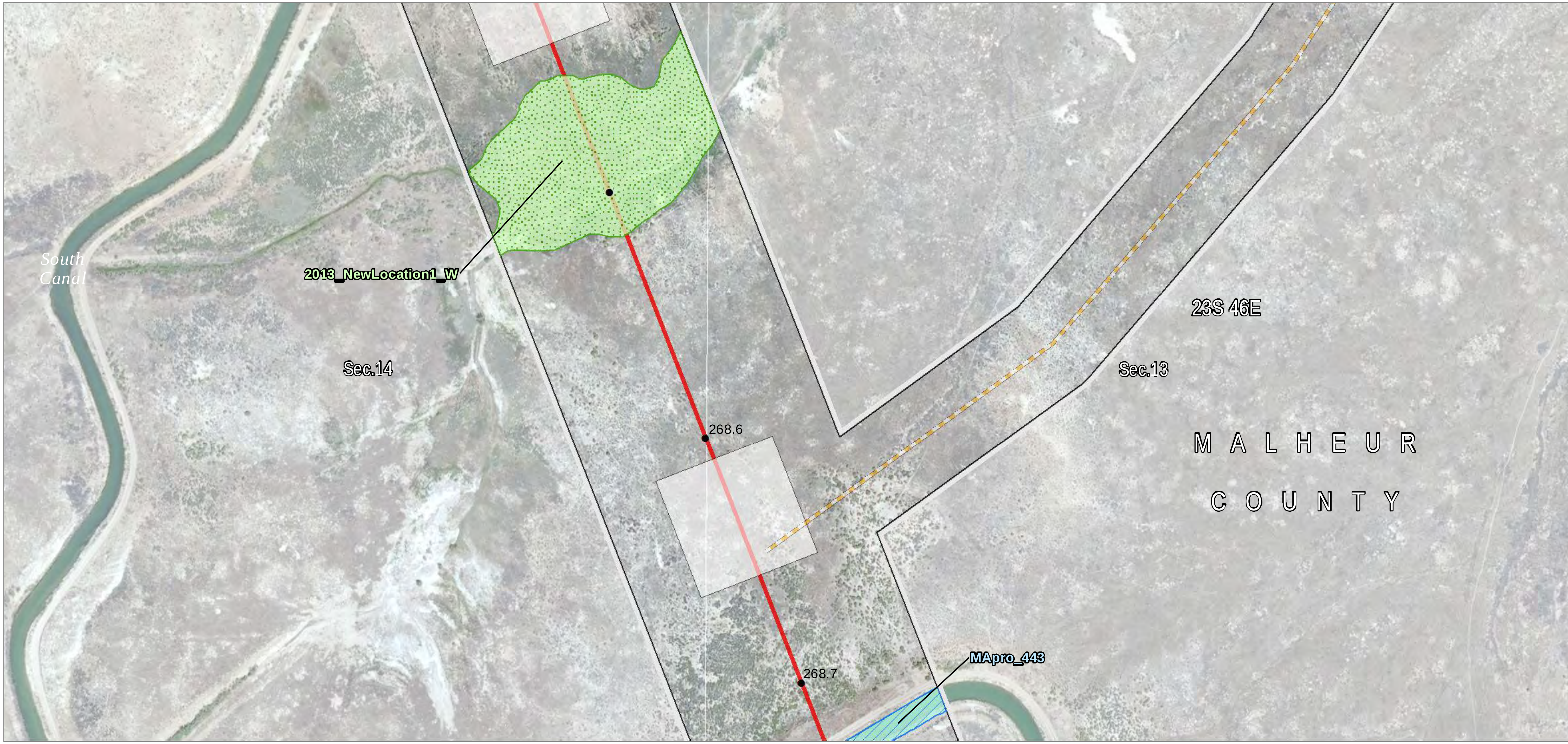
Field Survey Wetland

Boardman to Hemingway Transmission Line Project

Attachment J1-341

Wetland and Other Waters Detail Maps

Malheur County



N

0 200
Feet

Map Area
OREGON
PROJECT AREA

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

Project Features
Site Boundary
Proposed Route
Alternative Route
Route Centerline
Proposed Route
Work Areas
Structure Work Area

Mileposts
Tenth-mile
Construction Access
New Road, Primitive
Other Waters
Field Survey Streams
Wetland
Field Survey Wetland

IDAHO POWER
An IDACORP Company

Boardman to Hemingway Transmission Line Project

Attachment J1-342

Wetland and Other Waters Detail Maps

Malheur County

N
0 200
Feet

Map Area
OREGON
PROJECT AREA

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

Project Features
Site Boundary
Proposed Route
Alternative Route
Route Centerline
Proposed Route
Work Areas
Pulling and Tensioning

Structure Work Area
Mileposts
Tenth-mile
Construction Access
Existing Road, Substantial Modification, 71-100% Improvements
New Road, Primitive

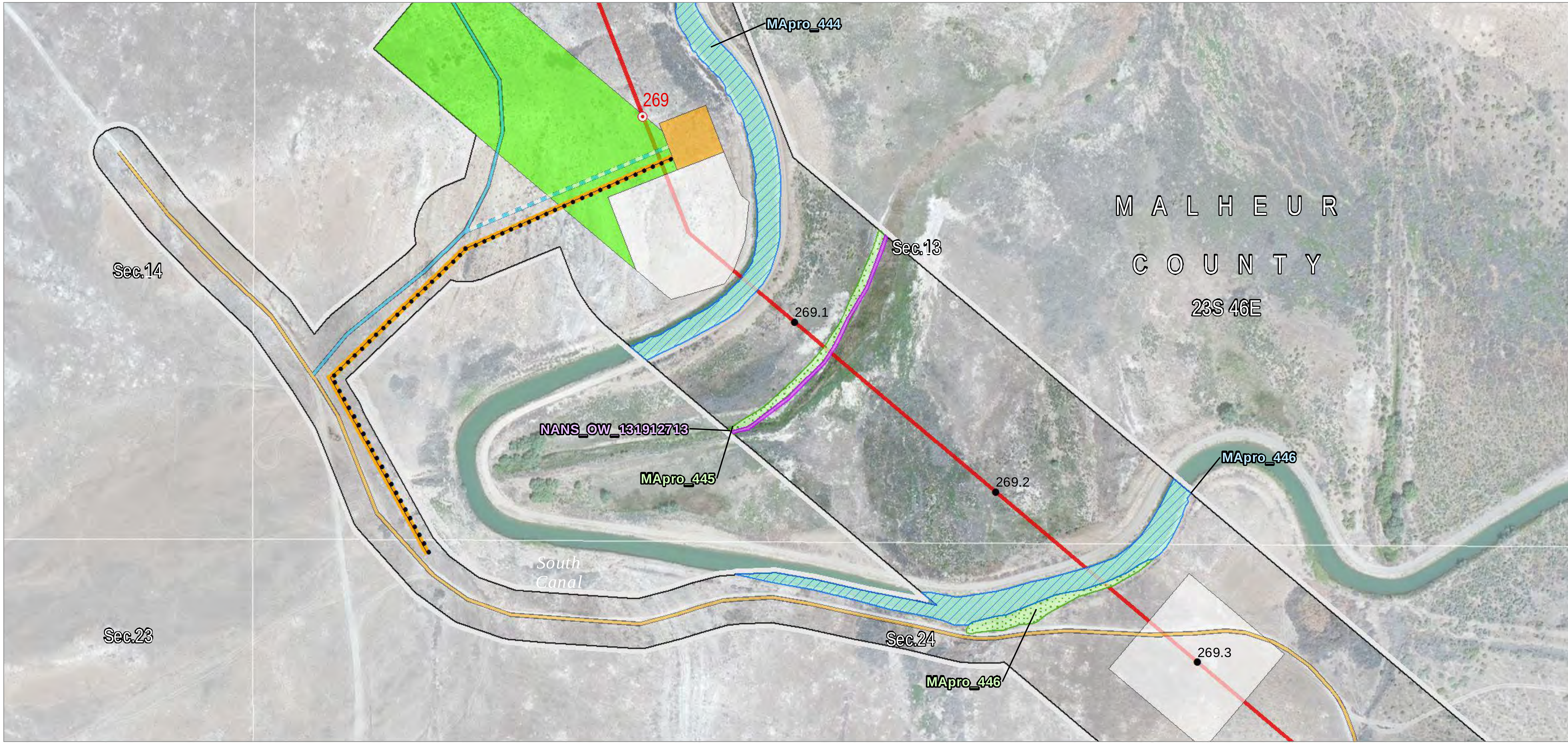
Other Waters
Field Survey Streams

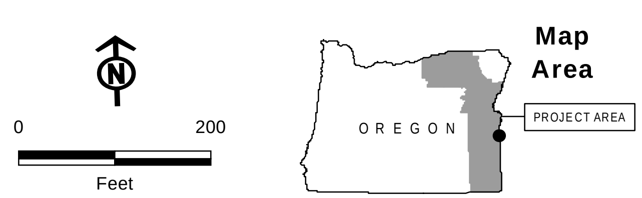
Boardman to Hemingway Transmission Line Project

Attachment J1-343

Wetland and Other Waters Detail Maps

Malheur County





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Project Features

Site Boundary

- Proposed Route
- Alternative Route

Route Centerline

- Proposed Route

Work Areas

- Communication Station
- Pulling and Tensioning
- Structure Work Area
- Distribution Line to Communication Station (IPC Service Territory Only)

Mileposts

- Mile
- Tenth-mile

Construction Access

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

Other Waters

- Field Survey Streams
- NANS Streams (NHD)

Wetland

- Field Survey Wetland

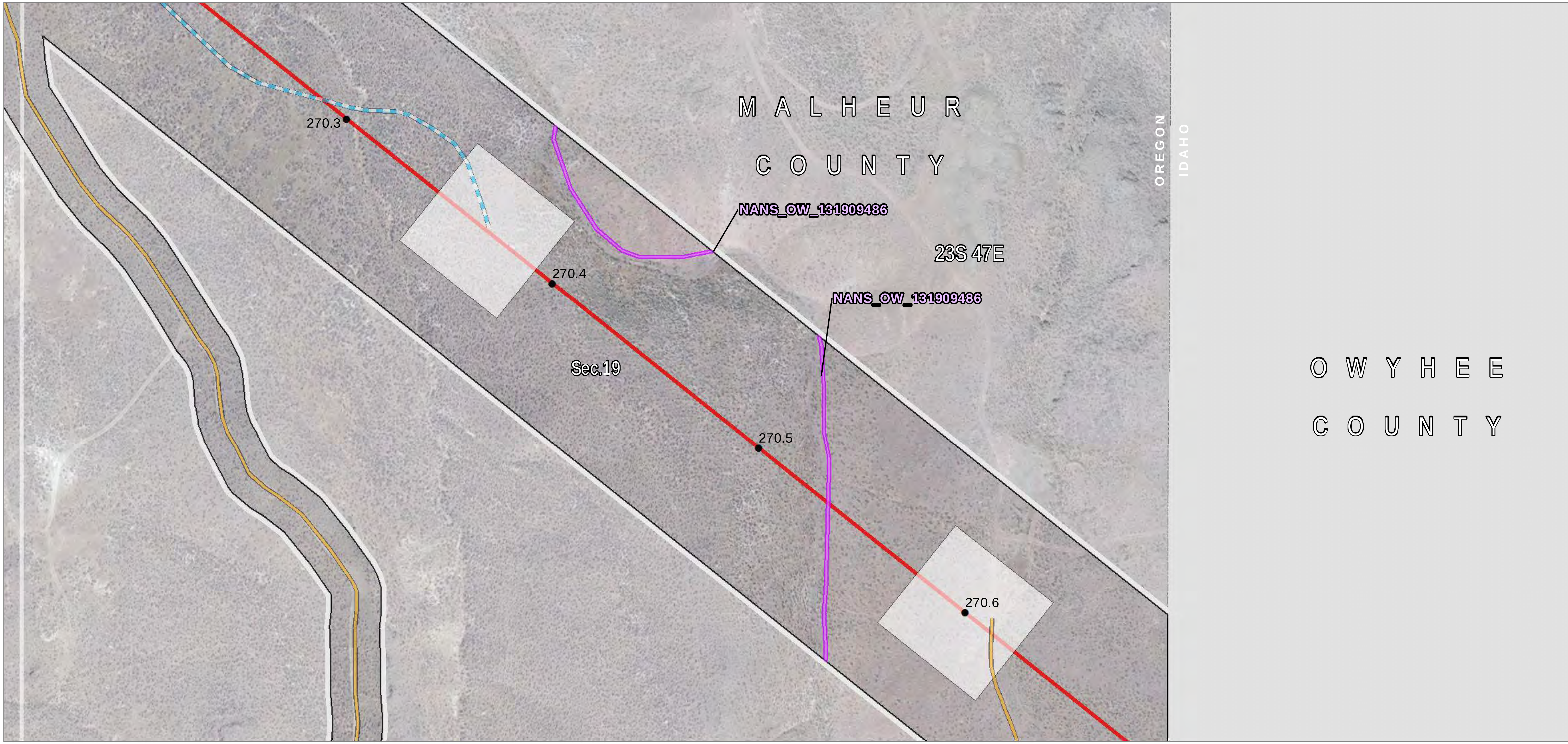
IDAHO POWER. An IDACORP Company

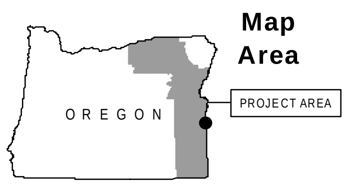
Boardman to Hemingway Transmission Line Project

Attachment J1-344

Wetland and Other Waters Detail Maps

Malheur County





0 200
Feet

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

Project Features

Site Boundary
- Proposed Route
- Alternative Route

Route Centerline
- Proposed Route

Work Areas
- Structure Work Area

Mileposts
- Tenth-mile

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

Other Waters
- NANS Streams (NHD)

Boardman to Hemingway Transmission Line Project

Attachment J1-345

Wetland and Other Waters Detail Maps

Malheur County

ATTACHMENT J-2
WETLAND CHARACTERISTICS AND IMPACTS TABLES

Table J-2-1A. Morrow County Wetlands

Map Tile	Route	Mile Post	Feature ID	Size (Acres)[1]	Cowardin Class	Characteristics
J1-2	Proposed Route	1.3	MO_EB_W411	1.448	PFO/PSS/PEMHh	Groundwater fed wetland mosaic adjacent to Bombing Range Road. Wetland continues to the east.
J1-3	Proposed Route	1.8	NANS_W_117	0.735	PEM	Not Accessed – Data Gap
J1-4	Proposed Route	2.1	NANS_W_118	1.679	PEM	Not Accessed – Data Gap
J1-5	Proposed Route	2.4	NANS_W_119	1.952	PEM	Not Accessed – Data Gap
J1-16	Proposed Route	22.1	NANS_W_12	0.2	PEM1C	Not Accessed – Data Gap
J1-21	Proposed Route	27.7	NANS_W_13	0.215	PEM1C	Not Accessed – Data Gap
J1-27	Proposed Route	35.3	NANS_W_66	0.333	PEM/FO1C	Not Accessed – Data Gap
J1-30	Proposed Route	41.1	NANS_W_105	0.098	PEM	Not Accessed – Data Gap
J1-30	Proposed Route	41.2	NANS_W_104	0.131	PEM	Not Accessed – Data Gap
J1-34	Proposed Route	43.2	NANS_W_16	0.53	PEMC	Not Accessed – Data Gap
J1-39	Proposed Route	45.7	NANS_W_15	0.156	PEMA	Not Accessed – Data Gap

[1] Acreage reported for each feature in these tables is the acreage of the feature within the site boundary, only. Features may extend outside of the site boundary.

Table J-2-1B. Morrow County Other Waters

Map Tile	Route	Mile Post	Feature ID	Width (Feet)	Stream Type	Characteristics
J1-1	Proposed Route	0.8	NANS_OW_152902001	6	Intermittent	Not Accessed – Data Gap
J1-6	West of Bombing Range Road Alternative 2	2.3	NANS_OW_167136398	6	Intermittent	Not Accessed – Data Gap
J1-7	Proposed Route	14.1	NANS_OW_152906926[2]	6	Intermittent	Not Accessed – Data Gap
J1-7	Proposed Route	14.2	NANS_OW_152906926	6	Intermittent	Not Accessed – Data Gap
J1-8	Proposed Route	14.4	NANS_OW_152906926	6	Intermittent	Not Accessed – Data Gap
J1-10	Proposed Route	15	NANS_OW_145365444	6	Intermittent	Not Accessed – Data Gap
J1-9	Proposed Route	15	NANS_OW_152904546	6	Intermittent	Not Accessed – Data Gap
J1-11	Proposed Route	15.6	NANS_OW_152906922	6	Intermittent	Not Accessed – Data Gap
J1-13	Proposed Route	18.6	NANS_OW_152906974	6	Intermittent	Not Accessed – Data Gap
J1-13	Proposed Route	18.7	NANS_OW_152906974	6	Intermittent	Not Accessed – Data Gap
J1-14	Proposed Route	19.7	NANS_OW_152906973	6	Intermittent	Not Accessed – Data Gap
J1-14	Proposed Route	19.9	NANS_OW_152904365	6	Intermittent	Not Accessed – Data Gap
J1-15	Proposed Route	20.5	NANS_OW_152904366	6	Intermittent	Not Accessed – Data Gap
J1-16	Proposed Route	22.1	NANS_OW_145365206	6	Intermittent	Not Accessed – Data Gap

[2] Multiple reports of the same Feature ID indicate multiple segments of the same feature, within the site boundary. For example, a stream's sinuosity may result in multiple segments of the same stream within the site boundary. Each segment is reported separately, but with the same Feature ID.

Map Tile	Route	Mile Post	Feature ID	Width (Feet)	Stream Type	Characteristics
J1-17	Proposed Route	23.7	NANS_OW_160621050	6	Intermittent	Not Accessed – Data Gap
J1-17	Proposed Route	23.7	NANS_OW_160621202	6	Intermittent	Not Accessed – Data Gap
J1-18	Proposed Route	25.6	NANS_OW_160621034	6	Intermittent	Not Accessed – Data Gap
J1-19	Proposed Route	26.2	NANS_OW_160621220	6	Intermittent	Not Accessed – Data Gap
J1-20	Proposed Route	26.5	NANS_OW_160621021	6	Intermittent	Not Accessed – Data Gap
J1-20	Proposed Route	26.7	NANS_OW_160621028	6	Intermittent	Not Accessed – Data Gap
J1-21	Proposed Route	27.7	NANS_OW_160622634	6	Intermittent	Not Accessed – Data Gap
J1-22	Proposed Route	28.1	NANS_OW_160622166	20	Perennial	Not Accessed – Data Gap
J1-23	Proposed Route	32.3	NANS_OW_160621742	6	Intermittent	Not Accessed – Data Gap
J1-24	Proposed Route	32.9	NANS_OW_145366312	6	Intermittent	Not Accessed – Data Gap
J1-24	Proposed Route	33.2	NANS_OW_160621733	6	Intermittent	Not Accessed – Data Gap
J1-25	Proposed Route	33.5	NANS_OW_160621738	6	Intermittent	Not Accessed – Data Gap
J1-26	Proposed Route	34.2	MO_SW_STRM_300	30	Perennial	Butter Creek. Narrow fringe PEM within OHWM.
J1-26	Proposed Route	34.2	NANS_OW_160621942	30	Perennial	Not Accessed – Data Gap
J1-27	Proposed Route	35.3	NANS_OW_160622593	6	Intermittent	Not Accessed – Data Gap
J1-29	Proposed Route	40	NANS_OW_160621639	6	Intermittent	Not Accessed – Data Gap
J1-31	Proposed Route	41.4	NANS_OW_160621572	6	Intermittent	Not Accessed – Data Gap

Map Tile	Route	Mile Post	Feature ID	Width (Feet)	Stream Type	Characteristics
J1-32	Proposed Route	41.8	NANS_OW_160622 001	6	Intermittent	Not Accessed – Data Gap
J1-33	Proposed Route	42.7	NANS_OW_160621 512	6	Intermittent	Not Accessed – Data Gap
J1-34	Proposed Route	43.2	NANS_OW_160622 328	6	Intermittent	Not Accessed – Data Gap
J1-35	Proposed Route	45	NANS_OW_160621 288	6	Intermittent	Not Accessed – Data Gap
J1-36	Proposed Route	45	NANS_OW_160621 288	6	Intermittent	Not Accessed – Data Gap
J1-36	Proposed Route	45.2	NANS_OW_160621 288	6	Intermittent	Not Accessed – Data Gap
J1-37	Proposed Route	45.3	NANS_OW_160621 288	6	Intermittent	Not Accessed – Data Gap
J1-38	Proposed Route	45.4	NANS_OW_160621 288	6	Intermittent	Not Accessed – Data Gap
J1-39	Proposed Route	45.7	NANS_OW_160621 897	6	Intermittent	Not Accessed – Data Gap
J1-40	Proposed Route	46.7	NANS_OW_160621 282	6	Intermittent	Not Accessed – Data Gap
J1-40	Proposed Route	47.1	NANS_OW_160620 757	6	Intermittent	Not Accessed – Data Gap

Table J-2-2A. Umatilla County Wetlands

Map Tile	Route	Mile Post	Feature ID	Size (Acres)	Cowardin Class	Characteristics
J1-42	Proposed Route	48.3	NANS_W_14	0.321	PEMA	Not Accessed – Data Gap
J1-44	Proposed Route	50	NANS_W_17	0.001	PEMB	Not Accessed – Data Gap
J1-55	Proposed Route	58.6	NANS_W_21	0.231	PSSC	Not Accessed – Data Gap
J1-56	Proposed Route	59.7	NANS_W_81	0.028	PFOC	Not Accessed – Data Gap
J1-56	Proposed Route	59.7	NANS_W_81	0.036	PFOC	Not Accessed – Data Gap
J1-58	Proposed Route	60.3	NANS_W_20	0.168	PEMA	Not Accessed – Data Gap
J1-59	Proposed Route	61.2	NANS_W_18	0.197	PEMA	Not Accessed – Data Gap
J1-60	Proposed Route	61.7	NANS_W_19	0.201	PEMA	Not Accessed – Data Gap
J1-65	Proposed Route	64.1	NANS_W_68	0.046	PFOC	Not Accessed – Data Gap
J1-66	Proposed Route	64.1	NANS_W_68	0.067	PFOC	Not Accessed – Data Gap
J1-67	Proposed Route	64.7	NANS_W_70	0.089	PFOC	Not Accessed – Data Gap
J1-70	Proposed Route	65.9	NANS_W_22	0.048	PEMC	Not Accessed – Data Gap
J1-71	Proposed Route	68.3	NANS_W_114	0.113	PEMX	Not Accessed – Data Gap
J1-72	Proposed Route	68.7	NANS_W_113	0.07	PEM	Not Accessed – Data Gap
J1-74	Proposed Route	69.9	NANS_W_115	0.114	PEM	Not Accessed – Data Gap
J1-74	Proposed Route	69.9	NANS_W_99	0.369	PEM	Not Accessed – Data Gap
J1-74	Proposed Route	70	NANS_W_97	0.024	PEMX	Not Accessed – Data Gap

Map Tile	Route	Mile Post	Feature ID	Size (Acres)	Cowardin Class	Characteristics
J1-74	Proposed Route	70	NANS_W_98	0.042	PEM	Not Accessed – Data Gap
J1-74	Proposed Route	70.1	NANS_W_108	0.01	PEM	Not Accessed – Data Gap
J1-74	Proposed Route	70.1	NANS_W_109	0.044	PEM	Not Accessed – Data Gap
J1-74	Proposed Route	70.1	NANS_W_96	0.124	PEM	Not Accessed – Data Gap
J1-75	Proposed Route	70.8	NANS_W_110	0.039	PEM	Not Accessed – Data Gap
J1-75	Proposed Route	70.8	NANS_W_111	0.053	PUBGx	Not Accessed – Data Gap
J1-75	Proposed Route	70.8	NANS_W_95	0.043	PUBGx	Not Accessed – Data Gap
J1-76	Proposed Route	71.6	NANS_W_101	0.012	PEM	Not Accessed – Data Gap
J1-76	Proposed Route	71.6	NANS_W_102	0.012	PEM	Not Accessed – Data Gap
J1-76	Proposed Route	71.6	NANS_W_103	0.012	PEM	Not Accessed – Data Gap
J1-76	Proposed Route	71.6	NANS_W_93	0.265	PEM	Not Accessed – Data Gap
J1-76	Proposed Route	72	NANS_W_90	0.01	PEM	Not Accessed – Data Gap
J1-77	Proposed Route	72.3	NANS_W_89	0.087	PEM	Not Accessed – Data Gap
J1-78	Proposed Route	73	NANS_W_87	0.217	PEM	Not Accessed – Data Gap
J1-78	Proposed Route	73	NANS_W_88	0.436	PEM	Not Accessed – Data Gap
J1-78	Proposed Route	73.1	NANS_W_112	0.041	PEM	Not Accessed – Data Gap
J1-78	Proposed Route	73.1	NANS_W_83	0.094	PEM	Not Accessed – Data Gap

Map Tile	Route	Mile Post	Feature ID	Size (Acres)	Cowardin Class	Characteristics
J1-78	Proposed Route	73.1	NANS_W_84	0.036	PEM	Not Accessed – Data Gap
J1-78	Proposed Route	73.1	NANS_W_85	0.016	PEM	Not Accessed – Data Gap
J1-78	Proposed Route	73.1	NANS_W_86	0.019	PEM	Not Accessed – Data Gap
J1-80	Proposed Route	75.5	NANS_W_50	0.022	PFOA	Not Accessed – Data Gap
J1-80	Proposed Route	75.5	NANS_W_50	0.07	PFOA	Not Accessed – Data Gap
J1-80	Proposed Route	75.5	NANS_W_78	0.652	PFOA	Not Accessed – Data Gap
J1-83	Proposed Route	80.3	UMpro_W063	0.045	PEM	Seep fed wetland adjacent to, but not visibly connect to channel UMpro_063 in the headwaters of Rail Creek.
J1-83	Proposed Route	80.6	UMpro_511	0.004	PEM	A small, likely excavated, depression that supports a wetland community.
J1-85	Proposed Route	83.4	UM_W_0031	0.412	PEM	Fringe wetland adjacent to Little Beaver Creek that is bisected by a road.
J1-87	Proposed Route	84.8	UM_G_91	0.018	PEM1 C	Small wetland terrace bound by stream channel.
J1-94	Proposed Route	86.9	UM_W_0032	0.374	PEM1 C	Wetland located on the floodplain terrace adjacent to Beaver Creek.
J1-96	Proposed Route	88	UM_W_0028	2.512	PEM	Seasonally inundated wetland meadow with a poorly defined

Map Tile	Route	Mile Post	Feature ID	Size (Acres)	Cowardin Class	Characteristics
						channel disappearing in the downstream end of the wetland.
J1-96	Proposed Route	88.1	UM_W_0028	0.006	PEM	

Table J-2-2B. Umatilla County Other Waters

Map Tile	Route	Mile Post	Feature ID	Width (Feet)	Stream Type	Characteristics
J1-28	Proposed Route	37	UM_SW_STRM_008	15	Perennial	Butter Creek. Weedy perennial drainage and wetland.
J1-41	Proposed Route	47.5	NANS_OW_160622394	6	Intermittent	Not Accessed – Data Gap
J1-42	Proposed Route	48.3	NANS_OW_160622394	6	Intermittent	Not Accessed – Data Gap
J1-42	Proposed Route	48.4	NANS_OW_160622394	6	Intermittent	Not Accessed – Data Gap
J1-43	Proposed Route	49.1	NANS_OW_160620770	6	Intermittent	Not Accessed – Data Gap
J1-44	Proposed Route	50	NANS_OW_160621904	10	Perennial	Not Accessed – Data Gap
J1-45	Proposed Route	50.1	NANS_OW_160621904	6	Perennial	Not Accessed – Data Gap
J1-46	Proposed Route	50.2	NANS_OW_160620750	6	Intermittent	Not Accessed – Data Gap
J1-47	Proposed Route	51.2	NANS_OW_160620735	6	Intermittent	Not Accessed – Data Gap
J1-48	Proposed Route	52.4	NANS_OW_160622368	6	Intermittent	Not Accessed – Data Gap
J1-49	Proposed Route	52.5	NANS_OW_160622368	6	Intermittent	Not Accessed – Data Gap
J1-49	Proposed Route	52.6	NANS_OW_160620715	6	Intermittent	Not Accessed – Data Gap
J1-50	Proposed Route	53.2	NANS_OW_160621909	6	Intermittent	Not Accessed – Data Gap
J1-50	Proposed Route	53.2	NANS_OW_160622367	6	Intermittent	Not Accessed – Data Gap
J1-50	Proposed Route	53.3	NANS_OW_160621909	6	Intermittent	Not Accessed – Data Gap
J1-50	Proposed Route	53.5	NANS_OW_160620752	6	Intermittent	Not Accessed – Data Gap

Map Tile	Route	Mile Post	Feature ID	Width (Feet)	Stream Type	Characteristics
J1-50	Proposed Route	53.6	NANS_OW_160620752	6	Intermittent	Not Accessed – Data Gap
J1-51	Proposed Route	53.7	NANS_OW_160620752	6	Intermittent	Not Accessed – Data Gap
J1-51	Proposed Route	54.1	NANS_OW_160620752	6	Intermittent	Not Accessed – Data Gap
J1-52	Proposed Route	55	NANS_OW_160631674	6	Intermittent	Not Accessed – Data Gap
J1-53	Proposed Route	56.4	NANS_OW_160631692	6	Intermittent	Not Accessed – Data Gap
J1-54	Proposed Route	57	NANS_OW_160631595	6	Intermittent	Not Accessed – Data Gap
J1-55	Proposed Route	58.6	NANS_OW_160633303	6	Perennial	Not Accessed – Data Gap
J1-56	Proposed Route	59.7	NANS_OW_160633505	6	Perennial	Not Accessed – Data Gap
J1-56	Proposed Route	59.7	UM_SW_STRM_003	30	Perennial	Birch Creek.
J1-57	Proposed Route	59.7	UM_SW_STRM_004	40	Perennial	Birch Creek.
J1-57	Proposed Route	59.7	UM_SW_STRM_004	40	Perennial	Birch Creek.
J1-58	Proposed Route	60.3	NANS_OW_160632933	6	Intermittent	Not Accessed – Data Gap
J1-59	Proposed Route	61	NANS_OW_160631509	6	Intermittent	Not Accessed – Data Gap
J1-59	Proposed Route	61.1	NANS_OW_160631509	6	Intermittent	Not Accessed – Data Gap
J1-59	Proposed Route	61.2	NANS_OW_160631504	6	Intermittent	Not Accessed – Data Gap
J1-60	Proposed Route	61.7	NANS_OW_160631721	6	Intermittent	Not Accessed – Data Gap
J1-61	Proposed Route	62.4	NANS_OW_145365314	6	Intermittent	Not Accessed – Data Gap

Map Tile	Route	Mile Post	Feature ID	Width (Feet)	Stream Type	Characteristics
J1-61	Proposed Route	62.6	NANS_OW_160631487	6	Intermittent	Not Accessed – Data Gap
J1-62	Proposed Route	62.9	NANS_OW_160631478	6	Intermittent	Not Accessed – Data Gap
J1-63	Proposed Route	63.6	NANS_OW_160631554	6	Intermittent	Not Accessed – Data Gap
J1-66	Proposed Route	64.1	NANS_OW_145367254	6	Perennial	Not Accessed – Data Gap
J1-65	Proposed Route	64.1	UM_SW_STRM_011	15	Perennial	Unnamed stream, tributary of E Birch Creek.
J1-64	Proposed Route	64.2	UM_SW_STRM_013	28	Perennial	East Birch Creek.
J1-64	Proposed Route	64.2	UM_SW_STRM_014	10	Perennial	Lower reach of unnamed tributary of E Birch Creek.
J1-66	Proposed Route	64.3	NANS_OW_160631666	6	Intermittent	Not Accessed – Data Gap
J1-67	Proposed Route	64.7	NANS_OW_160631770	6	Perennial	Not Accessed – Data Gap
J1-68	Proposed Route	65.8	NANS_OW_160631548	6	Intermittent	Not Accessed – Data Gap
J1-70	Proposed Route	65.9	NANS_OW_145365948	6	Intermittent	Not Accessed – Data Gap
J1-69	Proposed Route	66.7	NANS_OW_160631397	6	Intermittent	Not Accessed – Data Gap
J1-71	Proposed Route	68.2	NANS_OW_160631440	6	Intermittent	Not Accessed – Data Gap
J1-72	Proposed Route	68.5	NANS_OW_160631391	6	Intermittent	Not Accessed – Data Gap
J1-73	Proposed Route	69.4	NANS_OW_160631084	6	Intermittent	Not Accessed – Data Gap
J1-79	Proposed Route	73.2	NANS_OW_160631008	6	Intermittent	Not Accessed – Data Gap
J1-79	Proposed Route	73.6	NANS_OW_160631008	6	Intermittent	Not Accessed – Data Gap

Map Tile	Route	Mile Post	Feature ID	Width (Feet)	Stream Type	Characteristics
J1-80	Proposed Route	75.5	NANS_OW_160631202	30	Perennial	Not Accessed – Data Gap
J1-80	Proposed Route	75.5	NANS_OW_160631236	6	Intermittent	Not Accessed – Data Gap
J1-80	Proposed Route	75.6	NANS_OW_160631276	30	Perennial	Not Accessed – Data Gap
J1-81	Proposed Route	77	NANS_OW_160630927	6	Intermittent	Not Accessed – Data Gap
J1-82	Proposed Route	78.4	UM_S_0075	10	Intermittent	Steep stream with ground water supplying hydrology.
J1-83	Proposed Route	80.3	UMpro_063	9	Intermittent	Headwaters of Little Beaver Creek.
J1-84	Proposed Route	82.1	UM_S_0078	1	Intermittent	From SW boundary, ends at road; channel width is 14 inches; bank height is 4 inches; bankfull width is 16 inches. Feature was dry at the time of investigation. There was no defined channel above (NE) of the road.
J1-85	Proposed Route	83.4	UM_S_0145	5	Perennial	Bankfull width is 1.5 meters with small island extending the banks to 6 meters.
J1-85	Proposed Route	83.6	UM_S_0146	3	Intermittent	Channel width is 1 meter; bank height is 6 inches; bankfull width is 1 meter. Feature was dry at the time of investigation. Caddisfly casing

Map Tile	Route	Mile Post	Feature ID	Width (Feet)	Stream Type	Characteristics
						was observed in channel.
J1-86	Proposed Route	84.2	NANS_OW_160630 366	6	Intermittent	Not Accessed – Data Gap
J1-87	Proposed Route	84.8	UM_S_0143	18	Perennial	Bankfull width averages 6 meters. Bank height averages 2 meters. Areas of ponding are occurring as the water level lowers. Water flows through gravel in between isolated ponded areas.
J1-88	Proposed Route	84.9	NANS_OW_160630 306	6	Intermittent	Not Accessed – Data Gap
J1-87	Proposed Route	85	NANS_OW_160630 288	6	Intermittent	Not Accessed – Data Gap
J1-88	Proposed Route	85.2	NANS_OW_160630 515	6	Perennial	Not Accessed – Data Gap
J1-89	Proposed Route	85.3	NANS_OW_160630 009	6	Intermittent	Not Accessed – Data Gap
J1-90	Proposed Route	85.6	NANS_OW_160630 041	6	Intermittent	Not Accessed – Data Gap
J1-91	Proposed Route	85.7	NANS_OW_160630 046	6	Intermittent	Not Accessed – Data Gap
J1-91	Proposed Route	85.8	NANS_OW_160630 046	6	Intermittent	Not Accessed – Data Gap
J1-91	Proposed Route	85.9	NANS_OW_145367 832	6	Perennial	Not Accessed – Data Gap
J1-92	Proposed Route	86	NANS_OW_160630 048	6	Intermittent	Not Accessed – Data Gap
J1-92	Proposed Route	86	NANS_OW_160630 259	6	Perennial	Not Accessed – Data Gap
J1-93	Proposed Route	86.4	NANS_OW_160630 003	6	Intermittent	Not Accessed – Data Gap

Map Tile	Route	Mile Post	Feature ID	Width (Feet)	Stream Type	Characteristics
J1-94	Proposed Route	87	NANS_OW_160630894	6	Perennial	Not Accessed – Data Gap
J1-95	Proposed Route	87.3	NANS_OW_160630032	6	Intermittent	Not Accessed – Data Gap

Table J-2-3A. Union County Wetlands

Map Tile	Route	Mile Post	Feature ID	Size (Acres)	Cowardin Class	Characteristics
J1-132	Morgan Lake Alternative	0.8	UN_W_0258	0.07	PSS/PEM	Fringe wetland with a willow component adjacent to the south bank of the Grande Ronde River.
J1-132	Morgan Lake Alternative	0.8	UN_W_0259	0.573	PSSA/PEM	Fringe wetland with a willow component adjacent to the north bank of the Grande Ronde River.
J1-135	Morgan Lake Alternative	3.2	UN_W_0264	0.28	PEM	Seasonally flooded Wetland adjacent to channel in drainage bottom.
J1-136	Morgan Lake Alternative	3.9	UN_W_0264	0.039	PEM	
J1-137	Morgan Lake Alternative	4.5	UN_ML_W_015	0.434	PEM	Herbaceous wetland on floodplain adjacent to an unnamed tributary of Sheep Creek.
J1-137	Morgan Lake Alternative	4.5	UN_ML_W_016	0.035	PEM	Mid-slope wetland that appears to be fed by a spring. Signs of past slope erosion but appears to be stable now.
J1-137	Morgan Lake Alternative	4.6	UN_ML_W_017	0.23	PEM	Spring fed herbaceous wetland.
J1-139	Morgan Lake Alternative	6.3	UN_ML_W_004	0.379	PEMFh	Fringe wetland adjacent to a ponded depression.

Map Tile	Route	Mile Post	Feature ID	Size (Acres)	Cowardin Class	Characteristics
J1-142	Morgan Lake Alternative	11.1	NANS_W_24	0.003	PEMC	Not Accessed – Data Gap
J1-97	Proposed Route	89.2	NANS_W_80	1.39	PEMC	Not Accessed – Data Gap
J1-104	Proposed Route	98.1	NANS_W_54	0.09	PUBFh	Not Accessed – Data Gap
J1-109	Proposed Route	101	UN_W_0419	0.074	PEM	Sedge dominated wetland meadow adjacent to Rock Creek.
J1-109	Proposed Route	101.1	UN_W_0419	0.533	PEM	
J1-112	Proposed Route	103.6	NANS_W_51	0.162	PABFh	Not Accessed – Data Gap
J1-112	Proposed Route	103.6	NANS_W_53	0.015	PEMC	Not Accessed – Data Gap
J1-113	Proposed Route	103.9	NANS_W_52	2.545	PEMA	Not Accessed – Data Gap
J1-113	Proposed Route	104	UN_MC_W_018	0.982	PEM	Seep wetland in thin rocky soils.
J1-114	Proposed Route	104.4	UN_MC_W_019	0.58	PEM	Seep wetland in thin rocky soils.
J1-115	Proposed Route	104.8	NANS_W_55	0.369	PEMA	Not Accessed – Data Gap
J1-117	Proposed Route	106.5	NANS_W_56	0.115	PSSA	Not Accessed – Data Gap
J1-118	Proposed Route	107.3	NANS_W_48	0.192	PUBF	Not Accessed – Data Gap
J1-120	Proposed Route	109.1	NANS_W_49	0.209	PUBFh	Not Accessed – Data Gap
J1-123	Proposed Route	113.1	NANS_W_73	0.009	PEMA	Not Accessed – Data Gap
J1-123	Proposed Route	113.2	NANS_W_72	0.014	PEMA	Not Accessed – Data Gap
J1-124	Proposed Route	113.3	NANS_W_35	0.017	PSSB	Not Accessed – Data Gap

Map Tile	Route	Mile Post	Feature ID	Size (Acres)	Cowardin Class	Characteristics
J1-125	Proposed Route	114.1	NANS_W_34	0.006	PEMCx	Not Accessed – Data Gap
J1-127	Proposed Route	115.7	NANS_W_28	0.007	PSSC	Not Accessed – Data Gap
J1-127	Proposed Route	115.7	NANS_W_28	0.019	PSSC	Not Accessed – Data Gap
J1-127	Proposed Route	115.7	NANS_W_28	0.034	PSSC	Not Accessed – Data Gap
J1-127	Proposed Route	115.8	NANS_W_28	0.044	PSSC	Not Accessed – Data Gap
J1-128	Proposed Route	116.2	UN_MC_W_302	0.013	PEM	Wetland bench along perennial reach of a Ladd Creek tributary. Limited willow component.
J1-128	Proposed Route	116.3	UN_MC_W_303	0.013	PEM	Wetland bench along perennial reach of a Ladd Creek tributary. Limited willow component.
J1-130	Proposed Route	117.2	NANS_W_107	0.012	PEMB	Not Accessed – Data Gap
J1-131	Proposed Route	117.9	NANS_W_33	0.197	PUBFh	Not Accessed – Data Gap
J1-146	Proposed Route	118.1	NANS_W_32	0.013	PUBFh	Not Accessed – Data Gap
J1-146	Proposed Route	118.1	NANS_W_71	0.164	PEMB	Not Accessed – Data Gap
J1-148	Proposed Route	119.4	NANS_W_27	0.19	PSSA	Not Accessed – Data Gap
J1-151	Proposed Route	121.9	UN_LM_POND_300	0.17	PUBFh	Constructed stock pond with a spike rush fringe.
J1-153	Proposed Route	124.2	UN_LM_W_209	0.002	PEM	Wetland located in the drainage ditch

Map Tile	Route	Mile Post	Feature ID	Size (Acres)	Cowardin Class	Characteristics
						adjacent to Jimmy Creek Road
J1-156	Proposed Route	126.1	NANS_W_26	0.063	PUSCh	Not Accessed – Data Gap

Table J-2-3B. Union County Other Waters

Map Tile	Route	Mile Post	Feature ID	Width (Feet)	Stream Type	Characteristics
J1-132	Morgan Lake Alternative	0.8	UN_S_0037	80	Perennial	Grande Ronde River.
J1-133	Morgan Lake Alternative	1.5	NANS_OW_109324161	6	Perennial	Not Accessed – Data Gap
J1-134	Morgan Lake Alternative	1.8	NANS_OW_109325279	6	Perennial	Not Accessed – Data Gap
J1-134	Morgan Lake Alternative	1.9	NANS_OW_109324431	6	Perennial	Not Accessed – Data Gap
J1-135	Morgan Lake Alternative	3	UN_S_0101	6	Perennial	Channel approximately 6 feet wide and 1 foot deep. Channel Bottom is cobbles and rock with sparsely vegetated with spike rush in areas within channel where water is not flowing.
J1-135	Morgan Lake Alternative	3.2	UN_S_0013	33	Perennial	Unnamed Creek; macroinvertebrates and hydrophytic vegetation present.
J1-136	Morgan Lake Alternative	3.9	UN_S_0085	6	Perennial	Sheep Creek; macroinvertebrates, fish, and hydrophytic vegetation present.
J1-137	Morgan Lake Alternative	4.4	UN_ML_STRM_016	3	Perennial	Narrow spring fed, incised channel.
J1-138	Morgan Lake Alternative	5.7	NANS_OW_109325763	6	Perennial	Not Accessed – Data Gap
J1-140	Morgan Lake Alternative	6.8	NANS_OW_160032329	6	Intermittent	Not Accessed – Data Gap
J1-141	Morgan Lake Alternative	10.9	NANS_OW_109327743	6	Perennial	Not Accessed – Data Gap

Map Tile	Route	Mile Post	Feature ID	Width (Feet)	Stream Type	Characteristics
J1-142	Morgan Lake Alternative	11	NANS_OW_109327743	6	Perennial	Not Accessed – Data Gap
J1-142	Morgan Lake Alternative	11.1	NANS_OW_109327743	6	Perennial	Not Accessed – Data Gap
J1-143	Morgan Lake Alternative	12.2	NANS_OW_160030655	6	Intermittent	Not Accessed – Data Gap
J1-143	Morgan Lake Alternative	12.4	NANS_OW_160030657	6	Intermittent	Not Accessed – Data Gap
J1-144	Morgan Lake Alternative	12.8	UN_ML_STRM_300	6	Perennial	Channel with wetland fringe flows through a double culvert under gravel road. Likely floods adjacent pasture in spring.
J1-145	Morgan Lake Alternative	15.1	NANS_OW_160030623	6	Intermittent	Not Accessed – Data Gap
J1-145	Morgan Lake Alternative	15.1	NANS_OW_160031962	6	Perennial	Not Accessed – Data Gap
J1-145	Morgan Lake Alternative	15.1	NANS_OW_160032397	6	Perennial	Not Accessed – Data Gap
J1-145	Morgan Lake Alternative	15.1	NANS_OW_160032398	6	Perennial	Not Accessed – Data Gap
J1-97	Proposed Route	89.2	UN_S_0083	1	Intermittent	A small area less than 1 foot wide lacking vegetation in an otherwise highly vegetated area. Part of UN_S_0024.
J1-98	Proposed Route	89.8	NANS_OW_160026951	6	Intermittent	Not Accessed – Data Gap
J1-99	Proposed Route	90.1	NANS_OW_160026869	6	Intermittent	Not Accessed – Data Gap
J1-100	Proposed Route	93.9	NANS_OW_109319883	6	Intermittent	Not Accessed – Data Gap
J1-101	Proposed Route	94.8	UN_S_0005	1.5	Perennial	Thick dogwood and rose cover over a

Map Tile	Route	Mile Post	Feature ID	Width (Feet)	Stream Type	Characteristics
						narrow section of Dry Creek.
J1-102	Proposed Route	96.1	NANS_OW_160026 464	6	Intermittent	Not Accessed – Data Gap
J1-103	Proposed Route	97	UN_MC_STRM_001	3	Intermittent	Associated with SDAM, under power lines - trees have been cleared, mix of FAC plants - some FACW and FACU as well, tributary of Spring Creek.
J1-104	Proposed Route	98.2	NANS_OW_109322 453	6	Intermittent	Not Accessed – Data Gap
J1-105	Proposed Route	98.4	UN_MC_STRM_005	4	Intermittent	Mix of FAC plants - some FACW and FACU as well, confluence with UN_MC_006 in existing road ROW, trib of Spring Creek.
J1-105	Proposed Route	98.4	UN_MC_STRM_006	3	Intermittent	Mix of FAC plants - some FACW and FACU as well, tributary of Spring Creek, confluence with UN_MC_STRM_00 5 in existing road ROW.
J1-105	Proposed Route	98.5	NANS_OW_109322 593	6	Intermittent	Not Accessed – Data Gap
J1-106	Proposed Route	99.1	NANS_OW_160027 389	6	Intermittent	Not Accessed – Data Gap
J1-107	Proposed Route	99.5	NANS_OW_109323 443	80	Perennial	Not Accessed – Data Gap
J1-107	Proposed Route	99.6	NANS_OW_160027 377	6	Perennial	Not Accessed – Data Gap

Map Tile	Route	Mile Post	Feature ID	Width (Feet)	Stream Type	Characteristics
J1-107	Proposed Route	99.7	NANS_OW_109324161	6	Perennial	Not Accessed – Data Gap
J1-108	Proposed Route	100	NANS_OW_160026237	6	Intermittent	Not Accessed – Data Gap
J1-108	Proposed Route	100.3	NANS_OW_160028467	6	Perennial	Not Accessed – Data Gap
J1-109	Proposed Route	101.1	UN_S_0030	30	Perennial	Section of Rock Creek with cobble and rock bottom.
J1-110	Proposed Route	102	NANS_OW_109324277	6	Intermittent	Not Accessed – Data Gap
J1-110	Proposed Route	102.2	NANS_OW_109324275	6	Intermittent	Not Accessed – Data Gap
J1-111	Proposed Route	102.8	NANS_OW_160030712	6	Intermittent	Not Accessed – Data Gap
J1-115	Proposed Route	104.8	NANS_OW_109325311	6	Intermittent	Not Accessed – Data Gap
J1-116	Proposed Route	106.1	NANS_OW_109325413	6	Intermittent	Not Accessed – Data Gap
J1-117	Proposed Route	106.5	NANS_OW_109325773	6	Perennial	Not Accessed – Data Gap
J1-119	Proposed Route	108.5	NANS_OW_109326569	6	Intermittent	Not Accessed – Data Gap
J1-120	Proposed Route	109.1	NANS_OW_109326789	6	Intermittent	Not Accessed – Data Gap
J1-121	Proposed Route	110.9	NANS_OW_109327365	6	Intermittent	Not Accessed – Data Gap
J1-121	Proposed Route	110.9	UN_MC_STRM_301	4	Intermittent	Dogwood and willow riparian corridor covering narrow channel with cobble and gravel bottom.
J1-122	Proposed Route	111.9	NANS_OW_109327907	6	Intermittent	Not Accessed – Data Gap

Map Tile	Route	Mile Post	Feature ID	Width (Feet)	Stream Type	Characteristics
J1-125	Proposed Route	114.1	NANS_OW_109329167	6	Perennial	Not Accessed – Data Gap
J1-126	Proposed Route	115.4	NANS_OW_109329911	6	Intermittent	Not Accessed – Data Gap
J1-126	Proposed Route	115.4	UN_MC_STRM_011	2	Intermittent	Hawthorn covered channel with sand, gravel and cobble bottom.
J1-126	Proposed Route	115.5	UN_MC_STRM_011	2	Intermittent	
J1-127	Proposed Route	115.8	NANS_OW_109330151	6	Perennial	Not Accessed – Data Gap
J1-128	Proposed Route	116.2	UN_MC_STRM_300	10	Perennial	Incised channel with signs of mass wasting and sedimentation. Channel bottom mostly fines and sands.
J1-128	Proposed Route	116.3	UN_MC_STRM_300	10	Perennial	
J1-129	Proposed Route	116.8	NANS_OW_109330807	6	Intermittent	Not Accessed – Data Gap
J1-147	Proposed Route	118.4	NANS_OW_112935147	6	Intermittent	Not Accessed – Data Gap
J1-148	Proposed Route	119.4	NANS_OW_112935207	6	Intermittent	Not Accessed – Data Gap
J1-149	Proposed Route	119.8	NANS_OW_112935185	6	Intermittent	Not Accessed – Data Gap
J1-149	Proposed Route	119.9	NANS_OW_112935185	6	Intermittent	Not Accessed – Data Gap
J1-150	Proposed Route	120.1	NANS_OW_112935203	6	Intermittent	Not Accessed – Data Gap
J1-151	Proposed Route	122	UN_LM_STRM_210	3	Intermittent	Incised but stable channel with no riparian corridor, having a mostly fines and sand covered bottom.

Map Tile	Route	Mile Post	Feature ID	Width (Feet)	Stream Type	Characteristics
J1-151	Proposed Route	122.1	NANS_OW_112935 373	6	Intermittent	Not Accessed – Data Gap
J1-151	Proposed Route	122.1	NANS_OW_112935 519	6	Intermittent	Not Accessed – Data Gap
J1-152	Proposed Route	123.1	NANS_OW_112935 525	6	Intermittent	Not Accessed – Data Gap
J1-154	Proposed Route	124.7	NANS_OW_112935 729	6	Perennial	Not Accessed – Data Gap
J1-155	Proposed Route	124.9	NANS_OW_112935 861	6	Perennial	Not Accessed – Data Gap
J1-156	Proposed Route	125.8	NANS_OW_112936 249	6	Intermittent	Not Accessed – Data Gap
J1-157	Proposed Route	126.1	NANS_OW_112936 335	6	Perennial	Not Accessed – Data Gap
J1-157	Proposed Route	126.4	NANS_OW_112936 337	6	Intermittent	Not Accessed – Data Gap
J1-157	Proposed Route	126.4	NANS_OW_112936 455	6	Perennial	Not Accessed – Data Gap
J1-158	Proposed Route	126.4	NANS_OW_160559 782	6	Intermittent	Not Accessed – Data Gap
J1-158	Proposed Route	126.5	NANS_OW_112936 361	6	Intermittent	Not Accessed – Data Gap
J1-158	Proposed Route	126.5	NANS_OW_112936 437	6	Perennial	Not Accessed – Data Gap
J1-158	Proposed Route	126.5	NANS_OW_160559 783	6	Intermittent	Not Accessed – Data Gap
J1-158	Proposed Route	126.5	NANS_OW_160560 626	6	Perennial	Not Accessed – Data Gap
J1-160	Proposed Route	126.6	NANS_OW_160559 766	6	Intermittent	Not Accessed – Data Gap
J1-159	Proposed Route	126.7	NANS_OW_112936 437	6	Perennial	Not Accessed – Data Gap
J1-161	Proposed Route	127	NANS_OW_160560 535	6	Perennial	Not Accessed – Data Gap

Map Tile	Route	Mile Post	Feature ID	Width (Feet)	Stream Type	Characteristics
J1-161	Proposed Route	127	NANS_OW_160560535	6	Perennial	Not Accessed – Data Gap
J1-161	Proposed Route	127.1	NANS_OW_160559774	6	Intermittent	Not Accessed – Data Gap
J1-162	Proposed Route	127.4	NANS_OW_160559774	6	Intermittent	Not Accessed – Data Gap

Table J-2-4A. Baker County Wetlands

Map Tile	Route	Mile Post	Feature ID	Size (Acres)	Cowardin Class	Characteristics
J1-163	Proposed Route	128.2	NANS_W_25	0.108	PEMA	Not Accessed – Data Gap
J1-168	Proposed Route	142.5	NANS_W_36	25.203	PSSA	Not Accessed – Data Gap
J1-171	Proposed Route	145.7	NANS_W_37	0.307	PUSAh	Not Accessed – Data Gap
J1-173	Proposed Route	146.6	BA_FL_W013	0.46	PEM	Wetland located in a no longer used irrigation canal.
J1-174	Proposed Route	149.3	BA_FL_W_011	0.01	PEMB	Seep fed wetland adjacent to gravel road. Roadbed acts like a channel draining the wetland.
J1-179	Proposed Route	150.9	BA_FL_W_012	0.081	PEMB	Wetland fed by adjacent leaking water tank.
J1-184	Proposed Route	158	NANS_W_40	0.12	PUBFh	Not Accessed – Data Gap
J1-186	Proposed Route	159.7	NANS_W_75	0.119	PEMC	Not Accessed – Data Gap
J1-186	Proposed Route	159.7	NANS_W_75	0.21	PEMC	Not Accessed – Data Gap
J1-187	Proposed Route	159.7	NANS_W_76	0.045	PEMC	Not Accessed – Data Gap

Map Tile	Route	Mile Post	Feature ID	Size (Acres)	Cowardin Class	Characteristics
J1-187	Proposed Route	159.8	NANS_W_75	0.16	PEMC	Not Accessed – Data Gap
J1-187	Proposed Route	159.9	NANS_W_75	0.104	PEMC	Not Accessed – Data Gap
J1-188	Proposed Route	161.4	BA_W_A11	0.02	PUSCh	Stock pond without a wetland fringe.
J1-188	Proposed Route	161.5	NANS_W_41	0.06	PUSCh	Not Accessed – Data Gap
J1-189	Proposed Route	163	BApro_133	0.126	PEM	Herbaceous wetland in the drainage way of an unnamed tributary to Alder Creek. No channel apparent.
J1-189	Proposed Route	163	NANS_W_106	0.036	PEMC	Not Accessed – Data Gap
J1-190	Proposed Route	163.5	NANS_W_38	0.379	PEMA	Not Accessed – Data Gap
J1-190	Proposed Route	163.5	NANS_W_39	0.282	PUBFh	Not Accessed – Data Gap
J1-191	Proposed Route	164.3	BA_WT_W_302	0.005	PEM	Bulrush and spike rush dominated wetland fringe around an excavated stock pond.
J1-192	Proposed Route	164.9	BA_FL_POND_301	0.041	PABFh	Excavated stock pond with duckweed and a wetland fringe.
J1-193	Proposed Route	165.6	BA_BR_W409	0.142	PEM	Low Creek draw with wetland occupying the drainage way and no apparent channel.
J1-194	Proposed Route	166	BA_BR_425	0.042	PEM	Wetland adjacent to Alder Creek.

Map Tile	Route	Mile Post	Feature ID	Size (Acres)	Cowardin Class	Characteristics
J1-194	Proposed Route	166	NANS_W_42	0.013	PFOA	Not Accessed – Data Gap
J1-194	Proposed Route	166	NANS_W_42	0.024	PFOA	Not Accessed – Data Gap
J1-199	Proposed Route	171.3	NANS_W_46	0.288	PFOA	Not Accessed – Data Gap
J1-202	Proposed Route	173.5	BA_WT_W_009	0.08	PEM	Spring fed, slope wetland.
J1-203	Proposed Route	173.6	BA_BR_W446	0.023	PEM	Herbaceous wetland at the toe of the slope.
J1-209	Proposed Route	173.8	BA_WT_W_202	0.031	PEM	Small slope wetland.
J1-206	Proposed Route	173.9	BA_BR_W451	0.001	PEMG	Small, seep-fed slope wetland.
J1-209	Proposed Route	173.9	BA_WT_W_204	0.139	PEMB	Narrow wetland with signs of recent cattle use, located in the headwaters of True Blue Gulch.
J1-206	Proposed Route	174	BA_WT_POND_001	0.043	PUBCh	Constructed stock pond that was dry at the time of survey will annual sunflower growing throughout.
J1-206	Proposed Route	174	BA_WT_W_010	0.002	PEM	Small seep located in the middle of a two-track road.
J1-210	Proposed Route	174.1	BA_WT_W_205	0.044	PEM	Small, spring-fed wetland that drains into feature BA_WT_STRM_212.
J1-210	Proposed Route	174.2	BA_WT_W_206	0.041	PEM	Wetland meadow disturbed by cattle.
J1-212	Proposed Route	175.9	NANS_W_44	0.18	PEMC	Not Accessed – Data Gap

Map Tile	Route	Mile Post	Feature ID	Size (Acres)	Cowardin Class	Characteristics
J1-212	Proposed Route	175.9	NANS_W_45	0.142	PEMCh	Not Accessed – Data Gap
J1-213	Proposed Route	176.3	NANS_W_79	0.188	PFOA	Not Accessed – Data Gap
J1-217	Proposed Route	176.8	NANS_W_77	2.335	PFOB	Not Accessed – Data Gap
J1-223	Proposed Route	179.6	BA_WT_W_305	0.011	PEM	Seep-fed slope wetland.
J1-223	Proposed Route	179.6	BA_WT_W_306	0.01	PEM	Seep-fed slope wetland that continues to the south out of the survey area.
J1-228	Proposed Route	185.2	BA_WT_W_207	0.479	PEMC	Wetland meadow in the Burnt River floodplain.
J1-231	Proposed Route	187.7	BA_WT_W_013	0.009	PEMB	Herbaceous, seep-fed, slope wetland.
J1-233	Proposed Route	188.3	NANS_W_58	0.21	PFOA	Not Accessed – Data Gap
J1-234	Proposed Route	189	NANS_W_57	0.09	PSSA	Not Accessed – Data Gap
J1-234	Proposed Route	189	NANS_W_59	0.208	PSSB	Not Accessed – Data Gap
J1-238	Proposed Route	192.8	NANS_W_01	0.004	PEMCx	Not Accessed – Data Gap

Table J-2-4B. Baker County Other Waters

Map Tile	Route	Mile Post	Feature ID	Width (Feet)	Stream Type	Characteristics
J1-163	Proposed Route	128.2	NANS_OW_160565 613	50	Perennial	Not Accessed – Data Gap
J1-164	Proposed Route	129	NANS_OW_112937 485	6	Intermittent	Not Accessed – Data Gap
J1-165	Proposed Route	133.7	NANS_OW_112940 137	6	Intermittent	Not Accessed – Data Gap
J1-165	Proposed Route	133.7	NANS_OW_112940 137	6	Intermittent	Not Accessed – Data Gap
J1-166	Proposed Route	133.8	NANS_OW_112940 399	6	Intermittent	Not Accessed – Data Gap
J1-166	Proposed Route	134	NANS_OW_112940 399	6	Intermittent	Not Accessed – Data Gap
J1-167	Proposed Route	140.1	NANS_OW_112944 499	6	Intermittent	Not Accessed – Data Gap
J1-169	Proposed Route	143.2	NANS_OW_112948 057	6	Intermittent	Not Accessed – Data Gap
J1-170	Proposed Route	145.5	NANS_OW_112947 391	6	Intermittent	Not Accessed – Data Gap
J1-170	Proposed Route	145.6	NANS_OW_112947 391	6	Intermittent	Not Accessed – Data Gap
J1-171	Proposed Route	145.7	NANS_OW_112947 399	6	Intermittent	Not Accessed – Data Gap
J1-171	Proposed Route	145.7	NANS_OW_112947 411	6	Intermittent	Not Accessed – Data Gap
J1-171	Proposed Route	145.7	NANS_OW_112947 475	6	Intermittent	Not Accessed – Data Gap
J1-171	Proposed Route	145.9	NANS_OW_112947 751	6	Intermittent	Not Accessed – Data Gap
J1-172	Proposed Route	146.2	NANS_OW_112947 525	6	Intermittent	Not Accessed – Data Gap
J1-172	Proposed Route	146.2	NANS_OW_112947 751	6	Intermittent	Not Accessed – Data Gap
J1-173	Proposed Route	146.6	NANS_OW_112947 947	6	Intermittent	Not Accessed – Data Gap

Map Tile	Route	Mile Post	Feature ID	Width (Feet)	Stream Type	Characteristics
J1-175	Proposed Route	148.8	NANS_OW_112948 895	6	Intermittent	Not Accessed – Data Gap
J1-175	Proposed Route	149.1	BA_FL_STRM_023	4	Perennial	Spring fed channel. Trampled by cattle. Sedimentation in channel; fines and sand substrate.
J1-177	Proposed Route	149.8	NANS_OW_112949 185	6	Intermittent	Not Accessed – Data Gap
J1-178	Proposed Route	150.1	NANS_OW_112949 493	6	Intermittent	Not Accessed – Data Gap
J1-176	Proposed Route	150.2	BA_FL_STRM_024	10	Intermittent	Excavated irrigation canal. Stable banks.
J1-179	Proposed Route	150.9	BA_FL_008	1	Intermittent	Created for stock watering; stable banks; fine substrate.
J1-180	Proposed Route	151.2	NANS_OW_112950 093	6	Intermittent	Not Accessed – Data Gap
J1-181	Proposed Route	153.2	NANS_OW_112951 429	6	Intermittent	Not Accessed – Data Gap
J1-182	Proposed Route	154.3	NANS_OW_112951 689	6	Intermittent	Not Accessed – Data Gap
J1-183	Proposed Route	155.2	NANS_OW_112952 157	6	Perennial	Not Accessed – Data Gap
J1-185	Proposed Route	159.1	NANS_OW_112857 470	6	Intermittent	Not Accessed – Data Gap
J1-186	Proposed Route	159.5	NANS_OW_112857 576	6	Intermittent	Not Accessed – Data Gap
J1-187	Proposed Route	159.7	NANS_OW_112857 576	6	Intermittent	Not Accessed – Data Gap
J1-186	Proposed Route	159.7	NANS_OW_112857 578	6	Intermittent	Not Accessed – Data Gap
J1-187	Proposed Route	159.7	NANS_OW_112857 578	6	Intermittent	Not Accessed – Data Gap

Map Tile	Route	Mile Post	Feature ID	Width (Feet)	Stream Type	Characteristics
J1-191	Proposed Route	164.3	NANS_OW_112858 186	6	Intermittent	Not Accessed – Data Gap
J1-193	Proposed Route	165.6	BA_BR_410	2	Perennial	Created for stock watering and irrigation; mass wasting of bank; cobble substrate.
J1-194	Proposed Route	166	NANS_OW_112858 976	6	Intermittent	Not Accessed – Data Gap
J1-194	Proposed Route	166.1	BA_BR_420	4	Intermittent	Stable banks; sand, fines and gravel substrate.
J1-194	Proposed Route	166.1	NANS_OW_112858 688	6	Perennial	Not Accessed – Data Gap
J1-194	Proposed Route	166.1	NANS_OW_112858 976	6	Intermittent	Not Accessed – Data Gap
J1-195	Proposed Route	168.7	NANS_OW_112859 680	6	Intermittent	Not Accessed – Data Gap
J1-195	Proposed Route	168.7	NANS_OW_112859 752	6	Intermittent	Not Accessed – Data Gap
J1-196	Proposed Route	169.1	NANS_OW_112859 912	6	Intermittent	Not Accessed – Data Gap
J1-197	Proposed Route	170	NANS_OW_112860 640	6	Intermittent	Not Accessed – Data Gap
J1-198	Proposed Route	170.4	BA_WT_STRM_225	4	Perennial	Spring fed. Stable banks; fine substrate.
J1-198	Proposed Route	170.4	NANS_OW_112860 498	6	Perennial	Not Accessed – Data Gap
J1-198	Proposed Route	170.4	NANS_OW_112860 836	6	Perennial	Not Accessed – Data Gap
J1-199	Proposed Route	171.3	NANS_OW_112860 900	30	Perennial	Not Accessed – Data Gap
J1-200	Proposed Route	171.4	NANS_OW_112861 708	6	Intermittent	Not Accessed – Data Gap

Map Tile	Route	Mile Post	Feature ID	Width (Feet)	Stream Type	Characteristics
J1-201	Proposed Route	172.9	NANS_OW_112862662	6	Intermittent	Not Accessed – Data Gap
J1-202	Proposed Route	173.4	NANS_OW_112862680	6	Intermittent	Not Accessed – Data Gap
J1-207	Proposed Route	173.4	NANS_OW_112862680	6	Intermittent	Not Accessed – Data Gap
J1-209	Proposed Route	173.8	BA_WT_STRM_211	2	Intermittent	Channel goes through a culvert at road. Stable banks; fines, gravel, cobble substrate.
J1-204	Proposed Route	173.9	BA_WT_STRM_020	5	Intermittent	Dry stream. Stable banks; cobble, gravel and sand substrate.
J1-209	Proposed Route	173.9	BA_WT_STRM_213	3	Intermittent	Channel runs along road; banks are very steep. Stable banks; gravel, cobble substrate.
J1-209	Proposed Route	173.9	BA_WT_STRM_214	2	Intermittent	Continuation of mapped STRM_211. Most of the channel is dry but water surfaces near the road. Stable banks; fines, cobble substrate.
J1-206	Proposed Route	174	BA_WT_STRM_017	5	Perennial	Stable banks; fines, sand and gravel substrate.
J1-208	Proposed Route	174	BA_WT_STRM_213	3	Intermittent	Channel runs along road; banks are very steep. Stable banks; gravel, cobble substrate.
J1-205	Proposed Route	174.1	BA_WT_STRM_018	2	Perennial	Flowing stream. Stable banks;

Map Tile	Route	Mile Post	Feature ID	Width (Feet)	Stream Type	Characteristics
						cobble, gravel and sand substrate.
J1-205	Proposed Route	174.1	BA_WT_STRM_019	1	Intermittent	Stable banks; cobble, gravel and fines substrate.
J1-210	Proposed Route	174.1	BA_WT_STRM_212	2	Intermittent	Channel connects a spring to a wetland. Heavily grazed and impacted by cattle. Stable banks; fine substrate.
J1-211	Proposed Route	175	NANS_OW_112863 932	6	Perennial	Not Accessed – Data Gap
J1-212	Proposed Route	175.9	NANS_OW_112864 368	6	Intermittent	Not Accessed – Data Gap
J1-213	Proposed Route	176.4	NANS_OW_112865 242	6	Perennial	Not Accessed – Data Gap
J1-214	Proposed Route	176.6	BA_WT_STRM_215	2.5	Perennial	Flowing stream. Stable but incised banks; fines, cobble substrate.
J1-218	Proposed Route	177.1	NANS_OW_112865 346	6	Intermittent	Not Accessed – Data Gap
J1-216	Proposed Route	177.3	BA_WT_STRM_216	2	Intermittent	Tributary to BA_WT_STRM 215. Stable banks.
J1-219	Proposed Route	178.2	NANS_OW_112865 992	6	Intermittent	Not Accessed – Data Gap
J1-219	Proposed Route	178.2	NANS_OW_112865 992	6	Intermittent	Not Accessed – Data Gap
J1-219	Proposed Route	178.2	NANS_OW_112866 000	6	Perennial	Not Accessed – Data Gap
J1-219	Proposed Route	178.2	NANS_OW_112866 536	6	Intermittent	Not Accessed – Data Gap
J1-220	Proposed Route	178.7	NANS_OW_112866 106	6	Perennial	Not Accessed – Data Gap

Map Tile	Route	Mile Post	Feature ID	Width (Feet)	Stream Type	Characteristics
J1-220	Proposed Route	178.7	NANS_OW_112866 870	6	Perennial	Not Accessed – Data Gap
J1-221	Proposed Route	178.8	BA_WT_STRM_218	6	Perennial	Stable banks; fines, sand and gravel substrate.
J1-221	Proposed Route	178.8	NANS_OW_112866 870	6	Perennial	Not Accessed – Data Gap
J1-222	Proposed Route	179.3	NANS_OW_112867 142	6	Intermittent	Not Accessed – Data Gap
J1-222	Proposed Route	179.3	NANS_OW_112867 256	6	Intermittent	Not Accessed – Data Gap
J1-222	Proposed Route	179.5	NANS_OW_112867 142	6	Intermittent	Not Accessed – Data Gap
J1-224	Proposed Route	180.4	NANS_OW_112867 598	6	Intermittent	Not Accessed – Data Gap
J1-224	Proposed Route	180.6	NANS_OW_112867 596	6	Intermittent	Not Accessed – Data Gap
J1-225	Proposed Route	180.9	NANS_OW_112867 848	6	Intermittent	Not Accessed – Data Gap
J1-226	Proposed Route	181.5	NANS_OW_112868 172	6	Intermittent	Not Accessed – Data Gap
J1-227	Proposed Route	182	NANS_OW_112868 238	6	Intermittent	Not Accessed – Data Gap
J1-229	Proposed Route	185.2	BA_WT_STRM_221	10	Perennial	Stable banks; fines, gravel and cobble substrate.
J1-230	Proposed Route	185.4	NANS_OW_163376 444	6	Perennial	Not Accessed – Data Gap
J1-230	Proposed Route	185.5	NANS_OW_112869 170	6	Intermittent	Not Accessed – Data Gap
J1-232	Proposed Route	188	NANS_OW_112869 534	6	Intermittent	Not Accessed – Data Gap
J1-233	Proposed Route	188.3	NANS_OW_112869 576	6	Perennial	Not Accessed – Data Gap
J1-233	Proposed Route	188.4	BA_WT_STRM_027	5	Perennial	Flowing stream. Stable banks;

Map Tile	Route	Mile Post	Feature ID	Width (Feet)	Stream Type	Characteristics
						boulder/bedrock, gravel, sand substrate.
J1-235	Proposed Route	190.7	BA_WT_STRM_028	5	Perennial	Stable but incised banks, and a headcut; sand, gravel, cobble substrate.
J1-236	Proposed Route	191.2	BA_WT_STRM_029	4	Intermittent	Stable bank, cobble and gravel substrate.
J1-236	Proposed Route	191.3	NANS_OW_112869704	6	Perennial	Not Accessed – Data Gap
J1-237	Proposed Route	191.8	BA_TM_204	3.5	Intermittent	Incised banks with mass wasting and sedimentation in channel; cobble, gravel, fines substrate.
J1-238	Proposed Route	192.8	BA_TM_202	5.5	Perennial	Incised banks with mass wasting and sedimentation in channel; fines, gravel, sand substrate.
J1-238	Proposed Route	192.8	BA_TM_203	4	Perennial	Caused by Irrigation; artificially realigned; fine substrate.
J1-239	Proposed Route	194.9	BA_TM_214	7	Perennial	Incised banks with mass wasting and sedimentation in channel; fines, gravel, sand substrate.
J1-240	Proposed Route	195.4	BA_TM_216	10	Perennial	Incised banks with mass wasting and sedimentation in channel; fines,

Map Tile	Route	Mile Post	Feature ID	Width (Feet)	Stream Type	Characteristics
						gravel, sand substrate.
J1-240	Proposed Route	195.4	NANS_OW_127033681	6	Perennial	Not Accessed – Data Gap
J1-240	Proposed Route	195.5	NANS_OW_127033681	6	Perennial	Not Accessed – Data Gap
J1-241	Proposed Route	195.9	BA_TM_218	7	Intermittent	Incised banks with mass wasting and sedimentation in channel; fines, gravel substrate.

Table J-2-5A. Malheur County Wetlands

Map Tile	Route	Mile Post	Feature ID	Size (Acres)	Cowardin Class	Characteristics
J1-247	Proposed Route	199.2	NANS_W_02	0.147	PFOA	Not Accessed – Data Gap
J1-258	Proposed Route	216.4	NANS_W_11	1.844	PEMA	Not Accessed – Data Gap
J1-259	Proposed Route	217.2	MA_TM_462	0.623	PEMB	Wetland meadow located downslope from center pivot irrigation. Wetland grazed and flooded with irrigation water.
J1-260	Proposed Route	217.5	MA_TM_460	0.058	PEMA	Depressional wetland fed by irrigation water.
J1-260	Proposed Route	217.9	NANS_W_116	0.146	PFOA	Not Accessed – Data Gap
J1-266	Proposed Route	226.2	MA_W_0049	0.024	PEM	Seep wetland disturbed by livestock located at Coyote Springs
J1-266	Proposed Route	226.3	MA_W_0049	0.154	PEM	
J1-282	Proposed Route	231.6	NANS_W_82	0.078	PUBC	Not Accessed – Data Gap
J1-283	Proposed Route	232	Malpro_573	1.046	PSS	Herbaceous dominated, alkaline wetland, on and old Canyon River floodplain terrace.
J1-289	Proposed Route	240	NANS_W_09	0.43	PEMA	Not Accessed – Data Gap
J1-289	Proposed Route	240.1	NANS_W_10	2.713	PEMA	Not Accessed – Data Gap
J1-310	Proposed Route	248.6	MApro_401	0.013	PEM	Wetland fed from a seep in the adjacent irrigation canal.
J1-310	Proposed Route	248.6	MApro_401	0.014	PEM	

Map Tile	Route	Mile Post	Feature ID	Size (Acres)	Cowardin Class	Characteristics
J1-310	Proposed Route	248.6	MApro_401	0.281	PUBGx/PEM	
J1-312	Proposed Route	251.5	MA_W_0022	0.127	PEMC	
J1-317	Proposed Route	255.5	NANS_W_05	0.797	PEMC	Not Accessed – Data Gap
J1-317	Proposed Route	255.5	NANS_W_62	0.088	PEMC	Not Accessed – Data Gap
J1-318	Proposed Route	255.6	NANS_W_08	0.31	PSSC	Not Accessed – Data Gap
J1-318	Proposed Route	255.8	NANS_W_60	0.136	PEMC	Not Accessed – Data Gap
J1-318	Proposed Route	255.8	NANS_W_61	0.038	PEMC	Not Accessed – Data Gap
J1-318	Proposed Route	255.9	NANS_W_03	0.032	PEMB	Not Accessed – Data Gap
J1-319	Proposed Route	255.9	NANS_W_07	0.927	PSSC	Not Accessed – Data Gap
J1-319	Proposed Route	256.1	NANS_W_04	0.205	PEMC	Not Accessed – Data Gap
J1-320	Proposed Route	256.3	NANS_W_06	0.474	PSSB	Not Accessed – Data Gap
J1-336	Proposed Route	267.1	MA_W_0062	0.007	PSS	Wetland fringe adjacent to Succor Creek.
J1-338	Proposed Route	268	NANS_W_91	0.194	PFOA	Not Accessed – Data Gap
J1-338	Proposed Route	268	NANS_W_92	0.005	PEMKCx	Not Accessed – Data Gap
J1-338	Proposed Route	268	NANS_W_92	0.049	PEMKCx	Not Accessed – Data Gap
J1-340	Proposed Route	268.1	MA_G_277	0.123	PEMC	Herbaceous dominated alkaline wetland fed by adjacent irrigation canal.
J1-338	Proposed Route	268.1	NANS_W_92	0.114	PEMKCx	Not Accessed – Data Gap

Map Tile	Route	Mile Post	Feature ID	Size (Acres)	Cowardin Class	Characteristics
J1-342	Proposed Route	268.5	2013_NewLocation 1_W	2.959	PEMA	Herbaceous dominated alkaline wetland that is possibly fed from the irrigation canal to the west.
J1-344	Proposed Route	269.1	MApro_445	0.169	PEMCx	Herbaceous dominated wetland that is possibly fed from the irrigation canal to the west.
J1-344	Proposed Route	269.3	MApro_446	0.184	PEM	Spike rush wetland fringe adjacent to canal.

Table J-2-5B. Malheur County Other Waters

Map Tile	Route	Mile Post	Feature ID	Width (Feet)	Stream Type	Characteristics
J1-244	Proposed Route (138-kV Rebuild)	0	NANS_OW_160608 485	6	Intermittent	Not Accessed – Data Gap
J1-244	Proposed Route (138-kV Rebuild)	0.2	NANS_OW_160608 484	6	Intermittent	Not Accessed – Data Gap
J1-287	Double Mountain Alternative	0.2	NANS_OW_162724 206	6	Intermittent	Not Accessed – Data Gap
J1-287	Double Mountain Alternative	0.3	NANS_OW_162724 261	6	Intermittent	Not Accessed – Data Gap
J1-295	Double Mountain Alternative	0.6	NANS_OW_162724 227	6	Intermittent	Not Accessed – Data Gap
J1-297	Double Mountain Alternative	1.5	NANS_OW_162723 763	6	Intermittent	Not Accessed – Data Gap
J1-297	Double Mountain Alternative	1.6	NANS_OW_162724 225	6	Intermittent	Not Accessed – Data Gap
J1-298	Double Mountain Alternative	1.7	NANS_OW_162724 225	6	Intermittent	Not Accessed – Data Gap
J1-298	Double Mountain Alternative	1.9	NANS_OW_162724 211	6	Intermittent	Not Accessed – Data Gap
J1-300	Double Mountain Alternative	2.4	NANS_OW_162724 899	6	Perennial	Not Accessed – Data Gap
J1-299	Double Mountain Alternative	2.5	NANS_OW_162724 202	6	Intermittent	Not Accessed – Data Gap
J1-301	Double Mountain Alternative	3.8	NANS_OW_162723 589	6	Intermittent	Not Accessed – Data Gap
J1-302	Double Mountain Alternative	5.5	NANS_OW_162725 050	6	Intermittent	Not Accessed – Data Gap
J1-303	Double Mountain Alternative	5.6	NANS_OW_162724 156	6	Intermittent	Not Accessed – Data Gap
J1-304	Double Mountain Alternative	5.8	NANS_OW_816	16	Intermittent	Not Accessed – Data Gap
J1-305	Double Mountain Alternative	6.5	NANS_OW_162724 152	6	Intermittent	Not Accessed – Data Gap
J1-306	Double Mountain Alternative	6.9	NANS_OW_158456 415	6	Intermittent	Not Accessed – Data Gap

Map Tile	Route	Mile Post	Feature ID	Width (Feet)	Stream Type	Characteristics
J1-307	Double Mountain Alternative	7.39	NANS_OW_158456510	6	Intermittent	Not Accessed – Data Gap
J1-243	Proposed Route	197.1	NANS_OW_127033740	6	Intermittent	Not Accessed – Data Gap
J1-244	Proposed Route	197.5	NANS_OW_160608459	6	Intermittent	Not Accessed – Data Gap
J1-244	Proposed Route	198.2	NANS_OW_160608482	6	Intermittent	Not Accessed – Data Gap
J1-247	Proposed Route	199.2	NANS_OW_127033867	6	Perennial	Not Accessed – Data Gap
J1-248	Proposed Route	199.9	NANS_OW_127033900	6	Intermittent	Not Accessed – Data Gap
J1-249	Proposed Route	200.3	NANS_OW_127033915	6	Intermittent	Not Accessed – Data Gap
J1-249	Proposed Route	200.5	NANS_OW_127033935	6	Intermittent	Not Accessed – Data Gap
J1-250	Proposed Route	200.9	NANS_OW_127033980	6	Intermittent	Not Accessed – Data Gap
J1-250	Proposed Route	201	NANS_OW_127033980	6	Intermittent	Not Accessed – Data Gap
J1-250	Proposed Route	201.1	NANS_OW_127033980	6	Intermittent	Not Accessed – Data Gap
J1-251	Proposed Route	203.5	NANS_OW_127034158	6	Intermittent	Not Accessed – Data Gap
J1-252	Proposed Route	204.4	NANS_OW_127034191	6	Intermittent	Not Accessed – Data Gap
J1-253	Proposed Route	211.2	NANS_OW_162730565	6	Intermittent	Not Accessed – Data Gap
J1-254	Proposed Route	215.1	NANS_OW_162730612	6	Intermittent	Not Accessed – Data Gap
J1-255	Proposed Route	215.2	MA_TM_476	4	Intermittent	Caused by irrigation; stable banks; fines, gravel substrate.
J1-255	Proposed Route	215.2	NANS_OW_144341464	6	Intermittent	Not Accessed – Data Gap

Map Tile	Route	Mile Post	Feature ID	Width (Feet)	Stream Type	Characteristics
J1-255	Proposed Route	215.2	NANS_OW_814	6	Intermittent	Not Accessed – Data Gap
J1-255	Proposed Route	215.3	MA_TM_477	2	Intermittent	Caused by irrigation; stable banks; fines, gravel substrate.
J1-255	Proposed Route	215.3	MA_TM_478	15	Intermittent	Excavated for irrigation; incised; fines, gravel, sand substrate.
J1-255	Proposed Route	215.3	NANS_OW_144341531	20	Intermittent	Not Accessed – Data Gap
J1-255	Proposed Route	215.3	NANS_OW_815	6	Intermittent	Not Accessed – Data Gap
J1-256	Proposed Route	215.5	NANS_OW_144341464	6	Intermittent	Not Accessed – Data Gap
J1-256	Proposed Route	215.8	MA_TM_482	8	Intermittent	Excavated for irrigation; stable banks; fines, gravel, sand substrate.
J1-256	Proposed Route	215.8	NANS_OW_162734905	6	Intermittent	Not Accessed – Data Gap
J1-257	Proposed Route	215.9	MA_TM_481	20	Perennial	Excavated for irrigation; fines, sand, gravel substrate.
J1-258	Proposed Route	216.1	NANS_OW_144341452	6	Intermittent	Not Accessed – Data Gap
J1-257	Proposed Route	216.2	NANS_OW_144341453	6	Intermittent	Not Accessed – Data Gap
J1-258	Proposed Route	216.5	MA_TM_485	4	Intermittent	Excavated for irrigation; stable banks; fines, sand substrate.
J1-259	Proposed Route	217.1	MA_TM_463	15	Intermittent	Created for irrigation; fines, sand, gravel substrate.

Map Tile	Route	Mile Post	Feature ID	Width (Feet)	Stream Type	Characteristics
J1-259	Proposed Route	217.1	MA_TM_464	6	Intermittent	Constructed dam funnels water into several irrigation pipes. Water in the channel is a result of leakage or break in one pipe. Stable banks; fine substrate.
J1-259	Proposed Route	217.3	MA_TM_465	15	Intermittent	Excavated irrigation canal; sedimentation in the channel; fines, gravel, cobble substrate.
J1-259	Proposed Route	217.5	MA_TM_460	20	Perennial	
J1-260	Proposed Route	217.7	NANS_OW_162730678	6	Intermittent	Not Accessed – Data Gap
J1-261	Proposed Route	217.8	NANS_OW_162730674	6	Intermittent	Not Accessed – Data Gap
J1-261	Proposed Route	217.9	NANS_OW_162731377	6	Intermittent	Not Accessed – Data Gap
J1-262	Proposed Route	218.1	NANS_OW_162730680	6	Intermittent	Not Accessed – Data Gap
J1-262	Proposed Route	218.2	MA_TM_454	6	Intermittent	Excavated for irritation; fine substrate.
J1-262	Proposed Route	218.3	MA_TM_455	30	Intermittent	Excavated for irrigation. Stable bank; fines, cobble substrate.
J1-263	Proposed Route	222.7	NANS_OW_146131470	6	Intermittent	Not Accessed – Data Gap
J1-264	Proposed Route	223.5	NANS_OW_146132539	6	Intermittent	Not Accessed – Data Gap
J1-264	Proposed Route	223.5	NANS_OW_146132542	6	Intermittent	Not Accessed – Data Gap

Map Tile	Route	Mile Post	Feature ID	Width (Feet)	Stream Type	Characteristics
J1-265	Proposed Route	224.5	NANS_OW_159830513	6	Intermittent	Not Accessed – Data Gap
J1-265	Proposed Route	224.9	NANS_OW_159830507	6	Intermittent	Not Accessed – Data Gap
J1-266	Proposed Route	226.3	MA_TM_005	3	Intermittent	Stable incised banks; fine substrate.
J1-267	Proposed Route	226.6	NANS_OW_159830417	6	Intermittent	Not Accessed – Data Gap
J1-267	Proposed Route	226.9	NANS_OW_159830417	6	Intermittent	Not Accessed – Data Gap
J1-268	Proposed Route	227	NANS_OW_146132583	6	Perennial	Not Accessed – Data Gap
J1-269	Proposed Route	227.1	NANS_OW_146132517	6	Intermittent	Not Accessed – Data Gap
J1-270	Proposed Route	227.9	NANS_OW_159829757	6	Intermittent	Not Accessed – Data Gap
J1-271	Proposed Route	228.5	NANS_OW_159830035	6	Perennial	Not Accessed – Data Gap
J1-271	Proposed Route	228.5	NANS_OW_159830035	6	Perennial	Not Accessed – Data Gap
J1-272	Proposed Route	229.2	NANS_OW_159829758	6	Intermittent	Not Accessed – Data Gap
J1-277	Proposed Route	229.6	NANS_OW_162724333	6	Intermittent	Not Accessed – Data Gap
J1-274	Proposed Route	229.7	NANS_OW_162724332	6	Intermittent	Not Accessed – Data Gap
J1-276	Proposed Route	229.7	NANS_OW_162724333	6	Intermittent	Not Accessed – Data Gap
J1-275	Proposed Route	230.1	NANS_OW_162724333	6	Intermittent	Not Accessed – Data Gap
J1-275	Proposed Route	230.2	NANS_OW_162724299	6	Intermittent	Not Accessed – Data Gap
J1-281	Proposed Route	230.5	NANS_OW_162724379	6	Intermittent	Not Accessed – Data Gap

Map Tile	Route	Mile Post	Feature ID	Width (Feet)	Stream Type	Characteristics
J1-278	Proposed Route	231.4	NANS_OW_162724271	6	Intermittent	Not Accessed – Data Gap
J1-282	Proposed Route	231.6	MA_S_0182	10	Intermittent	Feature is a canal for agriculture.
J1-279	Proposed Route	231.7	NANS_OW_162724271	6	Intermittent	Not Accessed – Data Gap
J1-280	Proposed Route	232	NANS_OW_146127958	6	Intermittent	Not Accessed – Data Gap
J1-283	Proposed Route	232.1	NANS_OW_162723912	120	Perennial	Not Accessed – Data Gap
J1-284	Proposed Route	232.4	MApro_225	20	Intermittent	
J1-285	Proposed Route	232.7	NANS_OW_162724347	6	Intermittent	Not Accessed – Data Gap
J1-286	Proposed Route	235.4	NANS_OW_162724325	6	Intermittent	Not Accessed – Data Gap
J1-287	Proposed Route	238.5	NANS_OW_162723597	6	Intermittent	Not Accessed – Data Gap
J1-288	Proposed Route	239.1	NANS_OW_162723597	6	Intermittent	Not Accessed – Data Gap
J1-296	Proposed Route	239.7	NANS_OW_162724211	6	Intermittent	Not Accessed – Data Gap
J1-289	Proposed Route	239.9	NANS_OW_146126413	6	Intermittent	Not Accessed – Data Gap
J1-289	Proposed Route	240.1	NANS_OW_162723299	6	Perennial	Not Accessed – Data Gap
J1-290	Proposed Route	241	NANS_OW_162723590	6	Intermittent	Not Accessed – Data Gap
J1-291	Proposed Route	241.5	NANS_OW_162724176	6	Intermittent	Not Accessed – Data Gap
J1-291	Proposed Route	241.6	NANS_OW_162724176	6	Intermittent	Not Accessed – Data Gap
J1-291	Proposed Route	241.9	NANS_OW_162724172	6	Intermittent	Not Accessed – Data Gap
J1-292	Proposed Route	242.5	NANS_OW_162723408	6	Intermittent	Not Accessed – Data Gap

Map Tile	Route	Mile Post	Feature ID	Width (Feet)	Stream Type	Characteristics
J1-293	Proposed Route	244.3	NANS_OW_162724152	6	Intermittent	Not Accessed – Data Gap
J1-294	Proposed Route	245	NANS_OW_158456417	6	Intermittent	Not Accessed – Data Gap
J1-308	Proposed Route	246.8	NANS_OW_158460590	6	Intermittent	Not Accessed – Data Gap
J1-309	Proposed Route	248.3	NANS_OW_158456401	6	Intermittent	Not Accessed – Data Gap
J1-310	Proposed Route	248.6	MApro_401	6	Intermittent	
J1-311	Proposed Route	249.4	NANS_OW_158456448	6	Intermittent	Not Accessed – Data Gap
J1-312	Proposed Route	251.6	NANS_OW_158456390	6	Intermittent	Not Accessed – Data Gap
J1-313	Proposed Route	252	NANS_OW_158456392	6	Intermittent	Not Accessed – Data Gap
J1-313	Proposed Route	252.2	NANS_OW_158456538	6	Intermittent	Not Accessed – Data Gap
J1-314	Proposed Route	252.4	NANS_OW_158456389	6	Intermittent	Not Accessed – Data Gap
J1-314	Proposed Route	252.5	NANS_OW_158456389	6	Intermittent	Not Accessed – Data Gap
J1-315	Proposed Route	253.9	NANS_OW_146136922	6	Intermittent	Not Accessed – Data Gap
J1-315	Proposed Route	253.9	NANS_OW_146136922	6	Intermittent	Not Accessed – Data Gap
J1-315	Proposed Route	253.9	NANS_OW_146136922	6	Intermittent	Not Accessed – Data Gap
J1-315	Proposed Route	254.3	NANS_OW_146136925	6	Intermittent	Not Accessed – Data Gap
J1-315	Proposed Route	254.3	NANS_OW_817	16	Intermittent	Not Accessed – Data Gap
J1-316	Proposed Route	254.7	NANS_OW_817	<Null>	Intermittent	Not Accessed – Data Gap
J1-317	Proposed Route	255.4	NANS_OW_146136803	120	Perennial	Not Accessed – Data Gap

Map Tile	Route	Mile Post	Feature ID	Width (Feet)	Stream Type	Characteristics
J1-317	Proposed Route	255.5	NANS_OW_146136 889	6	Intermittent	Not Accessed – Data Gap
J1-320	Proposed Route	256.1	NANS_OW_146135 008	25	Intermittent	Not Accessed – Data Gap
J1-319	Proposed Route	256.1	NANS_OW_146136 317	6	Intermittent	Not Accessed – Data Gap
J1-320	Proposed Route	256.3	NANS_OW_146135 010	25	Intermittent	Not Accessed – Data Gap
J1-320	Proposed Route	256.4	NANS_OW_146135 010	25	Intermittent	Not Accessed – Data Gap
J1-321	Proposed Route	256.5	NANS_OW_146135 010	25	Intermittent	Not Accessed – Data Gap
J1-322	Proposed Route	257	NANS_OW_158456 344	6	Intermittent	Not Accessed – Data Gap
J1-323	Proposed Route	257.3	NANS_OW_158456 326	6	Intermittent	Not Accessed – Data Gap
J1-323	Proposed Route	257.3	NANS_OW_158456 345	6	Intermittent	Not Accessed – Data Gap
J1-324	Proposed Route	257.6	NANS_OW_158456 533	6	Intermittent	Not Accessed – Data Gap
J1-325	Proposed Route	258.2	NANS_OW_158456 345	6	Intermittent	Not Accessed – Data Gap
J1-326	Proposed Route	260.1	NANS_OW_131909 414	6	Intermittent	Not Accessed – Data Gap
J1-327	Proposed Route	260.5	NANS_OW_131908 680	6	Intermittent	Not Accessed – Data Gap
J1-327	Proposed Route	260.6	NANS_OW_131909 420	6	Intermittent	Not Accessed – Data Gap
J1-328	Proposed Route	261.2	NANS_OW_131912 372	6	Intermittent	Not Accessed – Data Gap
J1-329	Proposed Route	262	NANS_OW_131912 577	6	Intermittent	Not Accessed – Data Gap
J1-330	Proposed Route	262.3	NANS_OW_131908 856	6	Intermittent	Not Accessed – Data Gap

Map Tile	Route	Mile Post	Feature ID	Width (Feet)	Stream Type	Characteristics
J1-331	Proposed Route	262.9	NANS_OW_131911495	6	Intermittent	Not Accessed – Data Gap
J1-332	Proposed Route	263.8	NANS_OW_131908406	25	Intermittent	Not Accessed – Data Gap
J1-333	Proposed Route	264.4	NANS_OW_131909450	6	Intermittent	Not Accessed – Data Gap
J1-334	Proposed Route	266	NANS_OW_131912674	6	Intermittent	Not Accessed – Data Gap
J1-335	Proposed Route	266.5	MApro_437	16	Intermittent	Wide canal with narrow band of riparian vegetation along the banks. This canal is for agriculture.
J1-336	Proposed Route	266.8	MApro_437	16	Intermittent	Wide canal with narrow band of riparian vegetation along the banks. This canal is for agriculture.
J1-336	Proposed Route	267.1	MApro_436	60	Perennial	Wide flowing stream lined with tall willows.
J1-336	Proposed Route	267.2	MApro_437	30	Intermittent	Wide canal with narrow band of riparian vegetation along the banks. This canal is for agriculture.
J1-339	Proposed Route	267.7	MApro_437	8	Intermittent	Wide canal with narrow band of riparian vegetation along the banks. This canal is for agriculture.
J1-337	Proposed Route	267.9	NANS_OW_131909460	6	Intermittent	Not Accessed – Data Gap

Map Tile	Route	Mile Post	Feature ID	Width (Feet)	Stream Type	Characteristics
J1-340	Proposed Route	268.1	NANS_OW_131909466	6	Intermittent	Not Accessed – Data Gap
J1-340	Proposed Route	268.2	NANS_OW_131909466	6	Intermittent	Not Accessed – Data Gap
J1-341	Proposed Route	268.3	MApro_441	35	Intermittent	
J1-343	Proposed Route	268.7	MApro_443	35	Intermittent	
J1-343	Proposed Route	269.1	MApro_444	35	Intermittent	
J1-344	Proposed Route	269.1	NANS_OW_131912713	6	Intermittent	Not Accessed – Data Gap
J1-344	Proposed Route	269.2	MApro_446	40	Intermittent	Not Accessed – Data Gap
J1-345	Proposed Route	270.4	NANS_OW_131909486	6	Intermittent	Not Accessed – Data Gap
J1-345	Proposed Route	270.5	NANS_OW_131909486	6	Intermittent	Not Accessed – Data Gap

Table J-2-6A. Morrow County Other Waters Impacts

Feature ID	Impacts (Acres)	
	Permanent	**Temporary**
MO_SW_STRM_300	0.007	0.008
Grand Total	**0.007**	**0.008**

Table J-2-7A. Union County Wetland Impacts

Feature ID	Impacts (Acres)	
	Permanent	Temporary
UM_W_0031	0.001	–[3]
Grand Total	**0.001**	–

Table J-2-7B. Umatilla County Other Waters Impacts

Feature ID	Impacts (Acres)	
	Permanent	Temporary
UM_S_0066	0.002	–
UM_S_0145	0.000[4]	–
UM_S_0146	0.000	–
UM_SW_STRM_004	0.013	0.015
UM_SW_STRM_008	–	0.015
UM_SW_STRM_011	0.006	0.003
UM_SW_STRM_013	0.011	0.002
Grand Total	**0.032**	**0.035**

[3] Entries of "–" indicate no impact.
[4] Entries of 0.000 indicate impacts < 0.0005 acre, which round to 0.000 for reporting in these tables.

Table J-2-8A. Union County Wetland Impacts

Feature ID	Impacts (Acres)	
	Permanent	Temporary
UN_MC_W_018	0.151	0.026
UN_MC_W_019	0.010	0.089
UN_ML_W_004	0.003	0.003
UN_ML_W_015	0.003	0.005
Grand Total	**0.167**	**0.123**

Table J-2-8B. Union County Other Waters Impacts

Feature ID	Impacts (Acres)	
	Permanent	Temporary
UN_S_0005	0.000	–
UN_MC_STRM_001	0.002	0.002
UN_MC_STRM_005	0.004	0.001
UN_MC_STRM_006	0.001	0.000
UN_ML_STRM_007	0.004	–
UN_MC_STRM_300	0.000	0.000
UN_MC_STRM_301	0.001	0.000
UN_ML_STRM_300	0.002	0.003
Grand Total	**0.014**	**0.006**

Table J-2-9A. Baker County Wetland Impacts

Feature ID	Impacts (Acres)	
	Permanent	Temporary
BA_BR_W446	0.003	0.004
BA_FL_W_011	0.006	0.002
BA_FL_W_012	0.008	0.011
BA_WT_W_010	0.002	0.000
BA_WT_W_013	0.000	0.000
BA_WT_W_202	0.003	0.005
BA_WT_W_204	0.015	0.022
BA_WT_W_206	0.006	0.007
Grand Total	**0.043**	**0.051**

Table J-2-9B. Baker County Other Waters Impacts

Feature ID	Impacts (Acres)	
	Permanent	Temporary
BA_FL_008	0.001	0.002
BA_FL_STRM_023	0.002	0.001
BA_FL_STRM_024	–	0.004
BA_WT_STRM_026	0.000	–
BA_WT_STRM_017	0.006	0.000
BA_WT_STRM_020	0.002	0.000
BA_WT_STRM_027	0.005	0.007
BA_WT_STRM_028	0.002	–
BA_WT_STRM_029	0.001	0.002
BA_WT_STRM_211	0.001	0.001
BA_WT_STRM_213	0.001	0.001
BA_WT_STRM_214	0.001	0.000
BA_WT_STRM_215	0.007	0.002

Feature ID	Impacts (Acres)	
	Permanent	Temporary
BA_WT_STRM_219	0.000	–
BA_WT_STRM_225	0.002	0.002
Grand Total	**0.031**	**0.022**

Table J-2-10A. Malheur County Other Waters Impacts

Feature ID	Impact (Acres)	
	Permanent	Temporary
MA_TM_005	0.001	0.000
MA_S_0182	0.026	–
MA_TM_454	0.002	–
MA_TM_478	0.002	–
MA_TM_483	0.016	–
MA_TM_465	–	0.000
MApro_225	–	0.004
MApro_437	0.008	–
Grand Total	**0.055**	**0.004**

ATTACHMENT J-3
JOINT PERMIT APPLICATION

Joint Permit Application

This is a joint application, and must be sent to both agencies, who administer separate permit programs. Alternative forms of permit applications may be acceptable; contact the Corps and DSL for more information.

Date Stamp

U.S. Army Corps of Engineers Portland District	Oregon Department of State Lands
Corps Action ID Number	DSL Number

(1) APPLICANT AND LANDOWNER CONTACT INFORMATION

	Applicant	Property Owner (if different)	Authorized Agent (if applicable) ☐ Consultant ☐ Contractor
Contact Name	**Zach Funkhouser**	**See Appendix A**	
Business Name	**Idaho Power Company**		
Mailing Address 1	**1221 W Idaho Street**		
Mailing Address 2			
City, State, Zip	**Boise, ID 83702**		
Business Phone	**(208) 388-5375**		
Cell Phone			
Fax			
Email			

(2) PROJECT INFORMATION

A. Provide the project location.

Project Name **Boardman to Hemingway Transmission Line Project**	Tax Lot # **See Appendix C**	Latitude & Longitude* **Start: 45.846764, -119.616633** **End: 43.549194, -117.026997** **See Appendix C**
Project Address / Location **See Appendix B**	City (nearest) N/A	County Mo, Um, Un, Ba, Ma

Township **See Appendix C**	Range **See Appendix C**	Section **See Appendix C**	Quarter/Quarter **See Appendix C**

Brief Directions to the Site
See Appendix D for Directions to the Sites.

B. What types of waterbodies or wetlands are present in your project area? (Check all that apply.)

☑ River / Stream ☐ Non-Tidal Wetland ☐ Lake / Reservoir / Pond
☐ Estuary or Tidal Wetland ☐ Other ☐ Pacific Ocean

Waterbody or Wetland Name** **See Appendix E**	River Mile	6th Field HUC Name	6th Field HUC (12 digits)

C. Indicate the project category. (Check all that apply.)

☐ Commercial Development ☐ Industrial Development ☐ Residential Development
☐ Institutional Development ☐ Agricultural ☐ Recreational
☐ Transportation ☐ Restoration ☐ Bank Stabilization
☐ Dredging ☑ Utility lines ☐ Survey or Sampling
☐ In- or Over-Water Structure ☐ Maintenance ☐ Other:

* In decimal format (e.g., 44.9399, -123.0283)

(2) PROJECT INFORMATION

** If there is no official name for the wetland or waterway, create a unique name (such as “Wetland 1” or “Tributary A”).

(3) PROJECT PURPOSE AND NEED

Provide a statement of the purpose and need for the overall project.

See Appendix F for Project Purpose and Need.

(4) DESCRIPTION OF RESOURCES IN PROJECT AREA

A. Describe the existing physical and biological characteristics of each wetland or waterway. Reference the wetland and waters delineation report if one is available. Include the list of items provided in the instructions.

See Appendix G, Description of Resources: Wetlands and Waters Characteristics.

Table G-1A. Characteristics of Delineated Wetland Resources Proposed for Removal Fill Impacts

Table G-2A. Characteristics of Delineated Other Waters Proposed for Removal Fill Impacts

Table G-3. Characteristics of Delineated Other Waters (Ephemeral Streams) Proposed for Removal Fill Impacts

See Appendix H, State and Federally Listed Species.

Table H-1 Federal or State Threatened and Endangered Species Potentially Present within the Project Site Boundary

B. Describe the existing navigation, fishing and recreational use of the waterway or wetland.

OAR § 141-085-0565(3)(c) states that the Department of State Lands will issue a permit if it determines the project “would not unreasonably interfere with the paramount policy of this state to preserve the use of its waters for navigation, fishing and public recreation, when the project is on state-owned land.”

No impacts to wetlands or other waters are currently proposed on state-owned land within the Site Boundary.

(5) PROJECT SPECIFIC CRITERIA AND ALTERNATIVES ANALYSIS

Describe project-specific criteria necessary to achieve the project purpose. Describe alternative sites and project designs that were considered to avoid or minimize impacts to the waterway or wetland.

(5) PROJECT SPECIFIC CRITERIA AND ALTERNATIVES ANALYSIS

See Appendix I, Alternatives Analysis.
Table I-1 Avoidance and Minimization Actions

(6) PROJECT DESCRIPTION

A. Briefly summarize the overall project including work in areas both in and outside of waters or wetlands.

See Appendix J, Summary of Overall Project Work.

B. Describe work within waters and wetlands.

See Appendix K, Work in Waters and Wetlands.

C. Construction Methods. Describe how the removal and/or fill activities will be accomplished to minimize impacts to waters and wetlands.

(6) PROJECT DESCRIPTION

See Appendix L, Measures to Minimize Impacts.
Table L-1

See Appendix M, Erosion and Sediment Control Plan.

D. Describe source of fill material and disposal locations if known.

See Appendix N, Fill Material and Disposal Locations.

(6) PROJECT DESCRIPTION

E. Construction timeline.

What is the estimated project start date? 2020

What is the estimated project completion date? 2022

Is any of the work underway or already complete? ☐ Yes ☐ No
If yes, describe.

F. Fill Volumes and Dimensions (if more than 4 impact sites, include a summary table as an appendix)

Wetland / Waterbody Name *	Fill Dimensions					Duration of Impact**	Material***
	Length (ft.)	Width (ft.)	Depth (ft.)	Area (sq.ft. or ac.)	Volume (c.y.)		
See Appendix O	See Appendix K Figures K-454 through K-456			ACRES			See Appendix N
Wetlands	varies	varies	varies	0.778 ac	2142	Permanent	“
Wetlands	varies	varies	varies	0.175 ac	TBD	Temporary	“
Other Waters	varies	varies	varies	0.189 ac (0.145 ac for ephemerals)	251	Permanent(161c.y. for ephemeral	“

						s)	
Other Waters	varies	varies	varies	0.374 ac (0.301 ac for ephemerals)	TBD	Temporary	"

G. Total Fill Volumes and Dimensions

Fill Impacts to Waters	Length (ft.)	Area (sq. ft or ac.)	Volume (c.y.)
Total Fill to Wetlands	varies	0.778 ac.	2,142
Total Fill Below Ordinary High Water	varies	0.189 ac; (0.145 ac for ephemerals)	251; (161c.y. for ephemerals)
Total Fill Below Highest Measured Tide	N/A	N/A	N/A
Total Fill Below High Tide Line	N/A	N/A	N/A
Total Fill Below Mean High Water Tidal Elevation	N/A	N/A	N/A

H. Removal Volumes and Dimensions (if more than 4 impact sites, include a summary table as an appendix)

Wetland / Waterbody Name*	Removal Dimensions					Duration of Impact**	Material***
	Length (ft.)	Width (ft.)	Depth (ft.)	Area (sq. ft. or ac.)	Volume (c.y.)		
See Appendix O	See Appendix K Figures K-454 through K-456			ACRES			See Appendix N
Wetlands	varies	varies	varies	0.778 ac	2025	Permanent	"
Wetlands	varies	varies	varies	0.175 ac	TBD	Temporary	"
Other Waters	varies	varies	varies	0.189 ac (0.145 ac for ephemerals)	370 (229 c.y. for ephemerals)	Permanent	"
Other Waters	varies	varies	varies	0.374 ac (0.301 ac for ephemerals)	TBD	Temporary	"

I. Total Removal Volumes and Dimensions

Removal Impacts to Waters	Length (ft.)	Area (sq. ft or ac.)	Volume (c.y.)
Total Removal to Wetlands	TBD	0.778 ac.	2,025
Total Removal Below Ordinary High Water	TBD	0.189 ac; (0.145 ac for ephemerals)	370; (229 c.y. for ephemerals)
Total Removal Below Highest Measured Tide	N/A	N/A	N/A
Total Removal Below High Tide Line	N/A	N/A	N/A
Total Removal Below Mean High Water Tidal Elevation	N/A	N/A	N/A

* If there is no official name for the wetland or waterway, create a unique name (such as "Wetland 1" or "Tributary A").
** Indicate the days, months or years the fill or removal will remain. Enter "permanent" if applicable. For DSL, permanent removal or fill is defined as being in place for 24 months or longer.
*** Example: soil, gravel, wood, concrete, pilings, rock etc.

(7) ADDITIONAL INFORMATION

Are there any state or federally listed species on the project site?	☑ Yes	☐ No	☐ Unknown
Is the project site within designated or proposed critical habitat?	☑ Yes	☐ No	☐ Unknown

Is the project site within a national Wild and Scenic River?	☐ Yes	☑ No	☐ Unknown
Is the project site within the 100-year floodplain?	☐ Yes	☐ No	☑ Unknown

*** If yes to any of the above, explain in Block 4 and describe measures to minimize adverse effects to these resources in Block 5. See Appendix H regarding critical habitat noted in Block 4, and Appendix P regarding fish passage.**

Is the project site within the Territorial Sea Plan (TSP) Area?	☐ Yes	☑ No	☐ Unknown

*** If yes, attach TSP review as a separate document for DSL.**

Is the project site within a designated Marine Reserve?	☐ Yes	☑ No	☐ Unknown

*** If yes, certain additional DSL restrictions will apply.**

Will the overall project involve construction dewatering or ground disturbance of one acre or more?	☑ Yes	☐ No	☐ Unknown

*** If yes, you may need a 1200-C permit from the Oregon Department of Environmental Quality (DEQ).**

Is the fill or dredged material a carrier of contaminants from on-site or off- site spills?	☐ Yes	☑ No	☐ Unknown
Has the fill or dredged material been physically and/or chemically tested?	☐ Yes	☑ No	☐ Unknown

***If yes, explain in Block 4 and provide references to any physical/chemical testing report(s).**

Has a cultural resource (archaeological) survey been performed on the project area?	☑ Yes	☐ No	☐ Unknown

*** If yes, provide a copy of the survey with this application. Do not describe any resources in this document.**

See Appendix Q, Cultural and Historic Resources.

Identify any other federal agency that is funding, authorizing or implementing the project.

Agency Name	Contact Name	Phone Number	Most Recent Date of Contact
US Army Corps of Engineers	**Peter Olmstead**	**541-962-0401**	

List other certificates or approvals/denials required or received from other federal, state or local agencies for work described in this application. For example, certain activities that require a Corps permit also require 401 Water Quality Certification from Oregon DEQ.

Approving Agency	Certificate/ approval / denial description	Date Applied
USACE	**CWA Section 404**	**Application will be made 60 days prior to issuance of the site certificate.**

Other DSL and/or Corps Actions Associated with this Site (Check all that apply.)

☐ Work proposed on or over lands owned by or leased from the Corps		
☐ State owned waterway	DSL Waterway Lease #	
☐ Other Corps or DSL Permits	Corps #	DSL #
☐ Violation for Unauthorized Activity	Corps #	DSL #
☑ Wetland and Waters Delineation	Corps #	DSL # **WD2012-0050, 0091, -0092, -0197, -0141**

☑ A wetland / waters delineation has been completed (if so, provide a copy with the application)

☐ The Corps has approved the wetland / waters delineation within the last 5 years

☐ DSL has approved the wetland / waters delineation within the last 5 years

(8) IMPACTS, RESTORATION/REHABILITATION, COMPENSATORY MITIGATION

A. Describe unavoidable environmental impacts that are likely to result from the proposed project. Include permanent, temporary, direct, and indirect impacts.

See Appendix R, Unavoidable Project Impacts

B. For temporary removal or fill or disturbance of vegetation in waterways, wetlands or riparian (i.e., streamside) areas, discuss how the site will be restored after construction.

See Appendix S, Restoration and Rehabilitation of Temporary Impacts.

Compensatory Mitigation

C. Proposed mitigation approach. Check all that apply:

☐ Permittee-responsible Onsite Mitigation

☑ Permittee-responsible Offsite mitigation

☐ Mitigation Bank or in-lieu fee program

☐ Payment to Provide (not approved for use with Corps permits)

D. Provide a brief description of mitigation approach and the rationale for choosing that approach. If you believe mitigation should not be required, explain why.

See Appendix T, Compensatory Wetland and Non-Wetland Mitigation Plan.

Mitigation Bank / In-Lieu Fee Information:

Name of mitigation bank or in-lieu fee project: N/A

Type of credits to be purchased: N/A

If you are proposing permittee-responsible mitigation, have you prepared a compensatory mitigation plan?

☑ Yes. Submit the plan with this application and complete the remainder of this section.

☐ No. A mitigation plan will need to be submitted (for DSL, this plan is required for a complete application).

Mitigation Location Information (Fill out only if permittee-responsible mitigation is proposed)

Mitigation Site Name/Legal Description **See Appendix U, Mitigation Location Information**	Mitigation Site Address	Tax Lot #
County	City	Latitude & Longitude (in DD.DDDD format)

Township	Range	Section	Quarter/Quarter

(9) ADJACENT PROPERTY OWNERS FOR PROJECT AND MITIGATION SITE		
☐ **Pre-printed mailing labels of adjacent property owners attached**	**Project Site Adjacent Property Owners**	**Mitigation Site Adjacent Property Owners**

See Appendix V, Names and Addresses of Property Owners

(10) CITY/COUNTY PLANNING DEPARTMENT LAND USE AFFIDAVIT (TO BE COMPLETED BY LOCAL PLANNING OFFICIAL)

I have reviewed the project described in this application and have determined that:

- ☐ This project is not regulated by the comprehensive plan and land use regulations.
- ☐ This project is consistent with the comprehensive plan and land use regulations.
- ☐ This project will be consistent with the comprehensive plan and land use regulations when the following local approval(s) are obtained:
  - ☐ Conditional Use Approval
  - ☐ Development Permit
  - ☐ Other Permit (see comment section)
- ☐ This project is not consistent with the comprehensive plan. Consistency requires:
  - ☐ Plan Amendment
  - ☐ Zone Change
  - ☐ Other Approval or Review (see comment section)

An application ☐ has ☐ has not been filed for local approvals checked above.

Local planning official name (print)	Title	City / County (circle one)

Signature	Date

Comments:

This Block of the JPA is not applicable to this project.

(11) COASTAL ZONE CERTIFICATION

If the proposed activity described in your permit application is within the Oregon coastal zone, the following certification is required before your application can be processed. A public notice will be issued with the certification statement, which will be forwarded to the Oregon Department of Land Conservation and Development (DLCD) for its concurrence or objection. For additional information on the Oregon Coastal Zone Management Program, contact DLCD at 635 Capitol Street NE, Suite 150, Salem, Oregon 97301 or call 503-373-0050.

CERTIFICATION STATEMENT

I certify that, to the best of my knowledge and belief, the proposed activity described in this application complies with the approved Oregon Coastal Zone Management Program and will be completed in a manner consistent with the program.

Print /Type Name	Title
This Block of the JPA is not applicable to this project.	
Signature	Date

(12) SIGNATURES

Application is hereby made for the activities described herein. I certify that I am familiar with the information contained in the application, and, to the best of my knowledge and belief, this information is true, complete and accurate. I further certify that I possess the authority to undertake the proposed activities. By signing this application I consent to allow Corps or DSL staff to enter into the above-described property to inspect the project location and to determine compliance with an authorization, if granted. I hereby authorize the person identified in the authorized agent block below to act in my behalf as my agent in the processing of this application and to furnish supplemental information in support of this permit application. I understand that the granting of other permits by local, county, state or federal agencies does not release me from the requirement of obtaining the permits requested before commencing the project. I understand that payment of the required state processing fee does not guarantee permit issuance.

To be considered complete, the fee must accompany the application to DSL. The fee is not required for submittal of an application to the Corps.

Fee Amount Enclosed	$

Applicant Signature	
Print Name	Title
Signature	Date
Authorized Agent Signature	
Print Name	Title
Signature	Date
Landowner Signature(s)	
Landowner of the Project Site (if different from applicant)	
Print Name **See Appendix W, Signatures.**	Title
Signature	Date
Landowner of the Mitigation Site (if different from applicant)	
Print Name **See Appendix W, Signatures.**	Title
Signature	Date
Department of State Lands, Property Manager (to be completed by DSL)	

If the project is located on state-owned submerged and submersible lands, DSL staff will obtain a signature from the Land Management Division of DSL. A signature by DSL for activities proposed on state-owned submerged/submersible lands only grants the applicant consent to apply for a removal-fill permit. A signature for activities on state-owned submerged and submersible lands grants no other authority, express or implied and a separate proprietary authorization may be required.

Print Name	Title
Signature	Date

(13) ATTACHMENTS

- ☑ **Drawings (items in bold are required)**
  - ☑ **Location map with roads identified**
  - ☑ **U.S.G.S topographic map**
  - ☑ **Tax lot map**
  - ☑ **Site plan(s)**
  - ☑ **Cross section drawing(s)**
  - ☑ **Recent aerial photo**
  - ☐ Project photos
  - ☑ Erosion and Pollution Control Plan(s), if applicable
  - ☐ DSL/Corps Wetland Concurrence letter and map, if approved and applicable
- ☑ Pre-printed labels for adjacent property owners (Required if more than 5)
- ☑ Restoration plan or rehabilitation plan for temporary impacts
- ☑ Mitigation plan
- ☑ Wetland functional assessment and/or stream functional assessment
- ☑ Alternatives analysis
- ☐ Biological assessment (if requested by Corps project manager during pre-application coordination.)
- ☐ Stormwater management plan (may be required by the Corps or DEQ)
- ☐ Other:
  - ☐
  - ☐

Send Completed form to:

U.S. Army Corps of Engineers
ATTN: CENWP-OD-GP
PO Box 2946
Portland, OR 97208-2946
Phone: 503-808-4373

Counties:
Baker, Clackamas, Clatsop, Columbia, Gilliam, Grant, Hood River, Jefferson, Lincoln, Malheur, Marion, Morrow, Multnomah, Polk, Sherman, Tillamook, Umatilla, Union, Wallowa, Wasco, Washington, Wheeler, Yamhill

OR

U.S. Army Corps of Engineers
ATTN: CENWP-OD-GE
211 E. 7th AVE, Suite 105
Eugene, OR 97401-2722
Phone: 541-465-6868

Counties:
Benton, Coos, Crook, Curry, Deschutes, Douglas Jackson, Josephine, Harney, Klamath, Lake, Lane, Linn

Send Completed form to:

DSL - West of the Cascades:

Department of State Lands
775 Summer Street NE, Suite 100
Salem, OR 97301-1279
Phone: 503-986-5200

OR

DSL - East of the Cascades:

Department of State Lands
1645 NE Forbes Road, Suite 112
Bend, Oregon 97701
Phone: 541-388-6112

Send all Fees to:
Department of State Lands
775 Summer Street NE, Suite 100
Salem, OR 97301-1279
Pay by Credit Card by Calling 503-986-5253

LIST OF APPENDICES

BLOCK 1 APPLICANT AND LANDOWNER CONTACT INFORMATION

Appendix A, Property Ownership

A list of property owners within and adjacent to the Site Boundary will be provided in accordance with OAR 141-085-0550 (5) (A). Property owner information for each Removal-Fill site and the Project mitigation site will be provided in Exhibit F of the ASC, and Appendix V.

BLOCK 2 PROJECT INFORMATION

Appendix B, Project Location

Idaho Power Company proposes construction of the Boardman to Hemingway Transmission Line Project (Project), a 500 kilovolt (kV) transmission line from near Boardman in Morrow County, Oregon to the existing Hemingway Substation in Owyhee County, Idaho. In Oregon, the Proposed Route crosses parts of Morrow, Umatilla, Union, Baker, and Malheur counties, with a total length of 270.8 miles within the state. The Project exits Oregon near Nyssa.

Appendix C, Legal Descriptions, Tax Lot Maps, Latitude and Longitude, TRSQQS

Legal descriptions of tax lots that will have impacts to wetlands or other waters were compiled from geographic information system data during the impact analysis on wetlands delineated in 2011 – 2013 and 2016. Legal descriptions of affected tax lots are presented in tabular format in tables C-1A and C-1B (wetlands), C-2A and C-2B (other waters), and C-3 (other waters, ephemeral).

Copies of tax lot maps (Figures C-1 through C-168) for Removal-Fill sites are included as a map set following tables C-1A, C-1B, C-2A, C-2B, and C-3.

Table C-1A. Legal Descriptions, Tax Lots and Tax Maps for Impacted Delineated Wetland Sites

Feature ID	County	Township and Range	Section	QQ Section	Tax Lot	Impact Map No. (Appendix K)	Latitude	Longitude
UM_W_0031	Umatilla	01S 35E	17	SENW	1S35000002800	K-66	45.48105	-118.467
UN_LM_W_301	Union	05S 39E	5	NWSW	NA	K-181	45.15576	-117.97
UN_LM_W_302	Union	05S 39E	5	SWSW	NA	K-181	45.1543	-117.972
UN_MC_W_001	Union	04S 38E	24	NESW	04S38E05700	K-147	45.20219	-118.007
UN_MC_W_018	Union	03S 37E	22	NESW	03S37E01300	K-140	90.63161	-236.302
UN_MC_W_019	Union	03S 37E	33	NWSE	03S37E01300	K-141	135.946	-354.432
UN_ML_W_004	Union	03S 37E	46	SENW	03S37E01300	K-160	90.58037	-236.299
UN_ML_W_005	Union	03S 37E	22	NENE	03S37E01302	K-159	45.29306	-118.159
UN_ML_W_006	Union	03S 37E	22	NENE	03S37E01302	K-159	45.29432	-118.162
UN_ML_W_015	Union	03S 37E	30	NENW	03S37E01300	K-153	90.6185	-236.344
UN_W_0412	Union	03S 37E	12	L 1	03S37E00500	K-123	90.67591	-236.448
UN_W_0419	Union	03S 37E	10	NWSW	03S37E00500	K-125	90.66514	-236.44
BA_BR_W446	Baker	11S 42E	72	NESE	11S42E03700	K-268	89.11995	-235.018
BA_BR_W455	Baker	11S 42E	25	NESW	11S42E03200	K-260	44.57352	-117.52
BA_FL_W_011	Baker	09S 40E	26	NWNW	09S40E00300	K-234	89.57344	-235.537
BA_FL_W_012	Baker	09S 40E	46	SESE	09S40E00300	K-236	89.51992	-235.538
BA_WT_W_010	Baker	12S 43E	12	L 4	12S43E01300	K-269	89.10857	-235.009
BA_WT_W_013	Baker	13S 44E	28	SWNE	13S44E02100	K-290	44.41021	-117.334
BA_WT_W_202	Baker	12S 42E	24	SWNW	12S42E00100	K-274	89.07846	-235.053
BA_WT_W_204	Baker	12S 42E	24	SENW	12S42E00100	K-274	89.07743	-235.045
BA_WT_W_206	Baker	12S 42E	24	SENE	12S42E00100	K-273	89.08098	-235.028
BA_WT_W_300	Baker	11S 42E	3	L 3	11S42E01200	K-250	44.644	-117.559

Table C-1B. Legal Descriptions, Tax Lots and Tax Maps for Impacted Wetland Sites (Not Accessed/Not Delineated)

Feature ID	County	Township and Range	Section	QQ Section	Tax Lot	Impact Map No. (Appendix K)	Latitude	Longitude
NANS_W_104	Morrow	01S 29E	29	NWNW	01S29E000001900	K-21	45.45668	-119.247
NANS_W_105	Morrow	01S 29E	87	NWNW	01S29E000001900	K-21	136.3702	-357.742
NANS_W_117	Morrow	04N 25E	13	SESE	04N25E130000100	K-1	45.82413	-119.624
NANS_W_118	Morrow	04N 25E	48	NENE	04N25E000001700	K-2	91.63792	-239.248
NANS_W_119	Morrow	04N 25E	24	SENE	04N25E000001700	K-3	45.81562	-119.624
NANS_W_151	Morrow	01N 27E	10	NWSE	NA	K-16	45.58094	-119.422
NANS_W_108	Umatilla	02S 33E	8	NWNW	2S33000000590U1	K-48	90.84729	-237.387
NANS_W_109	Umatilla	02S 33E	8	NWNW	2S33000000590U1	K-48	90.84758	-237.387
NANS_W_112	Umatilla	01S 33E	70	NWNE	1S33000004500	K-50	90.87887	-237.278
NANS_W_115	Umatilla	02S 33E	5	NENE	2S33000000790U1	K-47	45.42365	-118.699
NANS_W_152	Umatilla	02S 31E	11	NESE	NA	K-34	45.40434	-118.897
NANS_W_153	Umatilla	01S 32E	33	SWSE	NA	K-37	45.43166	-118.821
NANS_W_154	Umatilla	02S 32E	3	SESW	NA	K-39	45.41394	-118.807
NANS_W_161	Umatilla	01S 35E	15	NWNW	1S35000005000	K-70	45.48215	-118.433
NANS_W_162	Umatilla	01S 35E	15	NENW	1S35000005000	K-69	45.48641	-118.429
NANS_W_164	Umatilla	01S 35E	35	L 3	1S35000005000	K-89	45.43129	-118.409
NANS_W_165	Umatilla	01S 35E	9	L 9	1S35B00004400	K-60	45.49051	-118.438
NANS_W_166	Umatilla	01S 35E	6	SESW	1S35000001100	K-57	91.0051	-236.858
NANS_W_167	Umatilla	01S 35E	4	L 5	1S35B00001300	K-55	45.50456	-118.451
NANS_W_168	Umatilla	01S 35E	4	SWNE	NA	K-56	45.51169	-118.444
NANS_W_18	Umatilla	02S 32E	14	NWNE	2S32000000700U1	K-35	90.82019	-237.727
NANS_W_22	Umatilla	01S 32E	22	NESE	1S32000004500	K-44	45.46317	-118.792
NANS_W_68	Umatilla	02S 32E	20	SWSW	2S32000001200	K-42	90.80348	-237.615
NANS_W_85	Umatilla	01S 33E	70	NENE	1S33000004500	K-50	90.87871	-237.277
NANS_W_86	Umatilla	01S 33E	70	NENE	1S33000004500	K-50	90.87852	-237.276

Feature ID	County	Township and Range	Section	QQ Section	Tax Lot	Impact Map No. (Appendix K)	Latitude	Longitude
NANS_W_87	Umatilla	01S 33E	70	NWNE	1S33000004500	K-50	90.87935	-237.28
NANS_W_89	Umatilla	01S 33E	70	NWSW	1S33000004500	K-49	90.86629	-237.306
NANS_W_96	Umatilla	02S 33E	4	NWNW	2S33000000590U1	K-48	45.42379	-118.693
NANS_W_98	Umatilla	02S 33E	4	NWNW	2S33000000590U1	K-47	45.42375	-118.695
NANS_W_99	Umatilla	02S 33E	10	NENE	2S33000000790U1	K-47	90.84681	-237.393
NANS_W_155	Union	03S 37E	21	NESW	03S37E02400	K-156	45.2887	-118.19
NANS_W_156	Union	03S 37E	20	NWNE	NA	K-154	45.29485	-118.211
NANS_W_157	Union	03S 37E	44	NWNW	03S37E02600	K-157	90.58838	-236.355
NANS_W_158	Union	03S 37E	20	SENE	03S37E02400	K-155	45.2894	-118.203
NANS_W_159	Union	03S 37E	23	SENE	03S37E01302	K-161	45.29071	-118.14
NANS_W_160	Union	03S 37E	21	NENE	03S37E02600	K-157	45.29344	-118.18
NANS_W_163	Union	02S 36E	21	NESE	NA	K-114	45.37568	-118.308
NANS_W_169	Union	03S 37E	10	NWSW	03S37E00500	K-126	90.66001	-236.433
NANS_W_170	Union	02S 37E	62	L 4	NA	K-122	90.68393	-236.473
NANS_W_175	Union	04S 38E	25	SWNE	NA	K-151	45.19036	-118.001
NANS_W_176	Union	04S 38E	25	NENW	NA	K-149	45.193	-118.006
NANS_W_177	Union	05S 39E	5	L 2	NA	K-182	45.16392	-117.964
NANS_W_179	Union	04S 38E	11	NENW	04S38E02000	K-146	45.23641	-118.028
NANS_W_180	Union	03S 38E	34	NESW	03S38E09400	K-145	45.25961	-118.046
NANS_W_26	Union	05S 39E	72	SENE	05S39E04300	K-189	90.17642	-235.744
NANS_W_28	Union	04S 38E	25	NENW	NA	K-149	45.19441	-118.009
NANS_W_51	Union	03S 37E	20	NESE	03S37E01300	K-139	90.63385	-236.317
NANS_W_55	Union	03S 37E	24	SWSW	03S37E01303	K-142	90.62779	-236.27
NANS_W_80	Union	01S 35E	144	L 13	01S35E01100	K-91	181.7187	-473.552
NANS_W_120	Baker	13S 44E	28	NWSE	13S44E02100	K-290	44.40959	-117.334
NANS_W_121	Baker	14S 44E	2	SESW	NA	K-292	44.37465	-117.299
NANS_W_124	Baker	14S 44E	14	SESE	NA	K-296	44.3475	-117.287

Feature ID	County	Township and Range	Section	QQ Section	Tax Lot	Impact Map No. (Appendix K)	Latitude	Longitude
NANS_W_127	Baker	14S 44E	13	NESW	NA	K-295	44.34987	-117.282
NANS_W_147	Baker	11S 42E	25	SWSW	11S42E03200	K-261	44.57245	-117.521
NANS_W_148	Baker	12S 43E	22	SWNE	NA	K-278	44.50989	-117.431
NANS_W_149	Baker	11S 43E	29	NESE	11S43E29DA00100	K-264	44.57414	-117.468
NANS_W_150	Baker	11S 43E	29	NESE	NA	K-265	44.57484	-117.464
NANS_W_171	Baker	06S 40E	29	NESW	NA	K-199	45.01176	-117.845
NANS_W_172	Baker	07S 40E	4	L 2	07S40E00800	K-201	44.99077	-117.829
NANS_W_173	Baker	07S 40E	5	L 2	NA	K-202	44.99012	-117.836
NANS_W_181	Baker	09S 40E	1	L 1	09S40E0100100	K-228	44.81123	-117.761
NANS_W_182	Baker	10S 41E	24	NESW	NA	K-244	44.67671	-117.639
NANS_W_185	Baker	10S 41E	23	NWNE	10S41ENONTL	K-241	44.68573	-117.653
NANS_W_187	Baker	10S 42E	33	SENW	NA	K-248	44.65205	-117.576
NANS_W_36	Baker	08S 40E	23	NENE	08S40E1400200	K-218	44.8631	-117.771
NANS_W_37	Baker	08S 41E	31	NESW	08S41E03600	K-223	44.82251	-117.739
NANS_W_75	Baker	10S 41E	28	SWSE	10S41E02300	K-239	89.37952	-235.308
NANS_W_03	Malheur	21S 46E	36	L 4	21S46E03600	K-421	87.47643	-234.302
NANS_W_11	Malheur	17S 44E	23	NESW	17S44E10100	K-340	44.07304	-117.295
NANS_W_122	Malheur	15S 45E	5	L 1	NA	K-301	44.30075	-117.227
NANS_W_123	Malheur	15S 45E	23	L 1	NA	K-314	44.25799	-117.174
NANS_W_125	Malheur	15S 45E	4	L 2	NA	K-302	44.29603	-117.225
NANS_W_126	Malheur	15S 45E	9	L 1	15S45E00300	K-309	44.28594	-117.219
NANS_W_128	Malheur	15S 45E	22	NWSE	15S45E01300	K-318	44.24935	-117.192
NANS_W_129	Malheur	19S 44E	29	NWSW	NA	K-389	43.88692	-117.364
NANS_W_130	Malheur	19S 44E	29	NWSW	NA	K-389	43.88797	-117.363
NANS_W_131	Malheur	18S 43E	25	SWNW	18S43E05500	K-369	43.97619	-117.407
NANS_W_132	Malheur	18S 43E	33	NENW	18S43E01500	K-371	43.96493	-117.455
NANS_W_133	Malheur	18S 43E	33	NESE	18S43E01600	K-373	43.96249	-117.451

Feature ID	County	Township and Range	Section	QQ Section	Tax Lot	Impact Map No. (Appendix K)	Latitude	Longitude
NANS_W_134	Malheur	18S 43E	18	NENW	NA	K-363	88.05	-234.915
NANS_W_135	Malheur	18S 43E	9	NWNW	NA	K-362	44.02349	-117.465
NANS_W_136	Malheur	17S 44E	27	NWNW	17S44E12800	K-348	44.06766	-117.325
NANS_W_137	Malheur	17S 44E	27	NWNW	NA	K-347	44.06907	-117.323
NANS_W_138	Malheur	17S 44E	24	SWNE	NA	K-333	44.07958	-117.274
NANS_W_139	Malheur	17S 44E	24	NWNW	17S44E11000	K-335	44.08333	-117.281
NANS_W_140	Malheur	17S 44E	27	NENW	NA	K-346	44.06904	-117.316
NANS_W_141	Malheur	23S 46E	3	SESE	23S46E00700	K-445	43.59254	-117.076
NANS_W_142	Malheur	22S 46E	10	SWNW	22S46E1000100	K-435	43.67358	-117.094
NANS_W_143	Malheur	23S 47E	6	SWSW	23S47E00200	K-450	43.59187	-117.034
NANS_W_144	Malheur	23S 47E	6	SWSW	23S47E00200	K-450	43.59185	-117.034
NANS_W_145	Malheur	22S 46E	27	NENW	22S46E2700200	K-437	43.63475	-117.088
NANS_W_146	Malheur	22S 46E	22	SWNW	22S46E03000	K-436	43.64586	-117.092
NANS_W_61	Malheur	21S 45E	48	NENE	21S45E00200	K-422	87.47331	-234.311
NANS_W_62	Malheur	21S 45E	26	SWSE	21S45E00300	K-420	87.47947	-234.321
NANS_W_91	Malheur	23S 46E	24	NWNE	23S46E00600	K-448	87.17818	-234.085
NANS_W_92	Malheur	23S 46E	24	NWNE	23S46E00600	K-449	87.18279	-234.083

Table C-2A. Legal Descriptions, Tax Lots, and Tax Maps for Impacted Delineated Other Waters Sites

Feature	County	Township and Range	Section	QQ Section	Tax Lot	Impact Map No. (Appendix K)	Latitude	Longitude
MO_SW_STRM_300	Morrow	01N 028E	27	NWNW	01N28E000000700	K-18	45.54511	-119.308
UM_S_0145	Umatilla	01S 035E	17	SENW	1S35000002800	K-66	45.48106	-118.467
UM_S_0146	Umatilla	01S 035E	17	SENE	1S35B00006700	K-65	45.48231	-118.461
UM_S_0146b	Umatilla	01S 035E	17	SENE	1S35B00006700	K-65	45.48236	-118.46
UM_SW_STRM_004	Umatilla	02S 031E	11	NESE	2S31000001501	K-34	45.4043	-118.895
UM_SW_STRM_008	Umatilla	01N 029E	32	NWNE	1N29000001200	K-24	45.52718	-119.213
UM_SW_STRM_011	Umatilla	02S 032E	10	NESW	2S32100000400	K-41	45.4033	-118.807
UM_SW_STRM_013	Umatilla	02S 032E	10	SENW	2S32100000400	K-40	45.40863	-118.802
UN_MC_STRM_001	Union	02S 036E	35	NWNW	02S36E00100	K-117	45.35397	-118.28
UN_MC_STRM_005	Union	03S 036E	1	L 4	03S36E00500	K-120	45.33937	-118.259
UN_MC_STRM_006	Union	03S 036E	1	L 4	03S36E00500	K-120	45.33926	-118.259
UN_MC_STRM_011	Union	04S 038E	24	NESW	04S38E05700	K-147	45.20217	-118.007
UN_MC_STRM_300	Union	04S 038E	25	SWNE	04S38E05600	K-152	45.1887	-118
UN_MC_STRM_301	Union	03S 038E	34	NESW	03S38E09400	K-145	45.25799	-118.05
UN_ML_STRM_014	Union	03S 037E	22	SENW	03S37E01302	K-158	45.29208	-118.172
UN_ML_STRM_015	Union	03S 037E	22	SENW	03S37E01300	K-158	45.29219	-118.173
UN_ML_STRM_300	Union	04S 038E	16	NWNE	04S38E02205	K-167	45.22373	-118.061
UN_ML_STRM_305	Union	04S 038E	35	NWNW	04S38E02200	K-177	45.17997	-118.035
UN_S_0005	Union	02S 036E	21	SWSE	NA	K-112	45.37392	-118.314
UN_S_0030	Union	03S 037E	5	SESW	03S37E00500	K-127	45.32819	-118.215
BA_FL_008	Baker	09S 040E	23	SESE	09S40E00300	K-236	44.75989	-117.769
BA_FL_STRM_021	Baker	08S 040E	25	NESE	08S40E2500201	K-220	44.83971	-117.75
BA_FL_STRM_023	Baker	09S 040E	13	SWNE	09S40E00300	K-235	44.78412	-117.758
BA_FL_STRM_024	Baker	09S 040E	15	SENW	09S40E1500202	K-231	44.7831	-117.801
BA_S_0053	Baker	14S 044E	2	SESW	NA	K-292	44.37389	-117.302
BA_WT_STRM_017	Baker	11S 043E	31	L 4	11S43E04400	K-269	44.55583	-117.504
BA_WT_STRM_020	Baker	11S 043E	31	SENW	11S43E04400	K-267	44.56311	-117.499

Feature	County	Township and Range	Section	QQ Section	Tax Lot	Impact Map No. (Appendix K)	Latitude	Longitude
BA_WT_STRM_027	Baker	13S 044E	33	NENW	13S44E03200	K-291	44.39935	-117.339
BA_WT_STRM_028	Baker	14S 044E	2	SWSW	14S44E00800	K-293	44.37344	-117.305
BA_WT_STRM_029	Baker	14S 044E	11	SWNE	14S44E02000	K-294	44.36646	-117.297
BA_WT_STRM_211	Baker	12S 042E	12	SWNW	12S42E00100	K-274	44.53923	-117.527
BA_WT_STRM_213	Baker	12S 042E	12	SENW	12S42E00100	K-274	44.53886	-117.523
BA_WT_STRM_214	Baker	12S 042E	12	NENW	12S42E00100	K-272	44.54132	-117.521
BA_WT_STRM_215	Baker	12S 043E	16	SWNW	12S43E03300	K-275	44.52369	-117.46
BA_WT_STRM_225	Baker	11S 042E	23	SESW	11S42E03000	K-256	44.58583	-117.539
BA_WT_STRM_301	Baker	10S 042E	33	NESE	NA	K-249	44.64886	-117.566
BA_WT_STRM_302	Baker	10S 042E	33	NESE	NA	K-249	44.64921	-117.566
MA_S_0053	Malheur	23S 046E	3	SESE	23S46E00700	K-445	43.59255	-117.076
MA_S_0154	Malheur	18S 043E	33	NESE	18S43E01600	K-373	43.96017	-117.448
MA_S_0182	Malheur	18S 043E	32	SWNE	18S43E01100	K-370	43.96295	-117.472
MA_TM_005	Malheur	18S 043E	5	SENW	18S43E00100	K-357	44.03502	-117.48
MA_TM_454	Malheur	17S 044E	27	NWSW	17S44E12700	K-350	44.06102	-117.325
MA_TM_465	Malheur	17S 044E	27	NWNE	NA	K-345	44.06894	-117.311
MA_TM_478	Malheur	17S 044E	24	SWNE	17S44E11200	K-333	44.07961	-117.275
MApro_225	Malheur	19S 043E	4	L 2	19S43E02200	K-377	43.95197	-117.454
MApro_435	Malheur	23S 046E	10	SENE	23S46E00800	K-446	43.58637	-117.076
MApro_437	Malheur	23S 046E	11	SWNW	23S46E00700	K-446	43.58605	-117.074
MATM_452	Malheur	17S 044E	27	NWNW	NA	K-348	44.06745	-117.325

Table C-2B. Legal Descriptions, Tax Lots, and Tax Maps for Impacted Other Waters Sites (Not Accessed/Not Delineated)

Feature	County	Township and Range	Section	QQ Section	Tax Lot	Impact Map No. (Appendix K)	Latitude	Longitude
NANS_OW_145365444	Morrow	02N 026E	19	SESE	02N26E000000500	K-10	45.63489	-119.606
NANS_OW_152904366	Morrow	01N 026E	9	SWSW	01N26E000001300	K-12	45.57505	-119.577
NANS_OW_152904546	Morrow	02N 026E	30	L 1	02N26E000000500	K-11	45.63207	-119.614
NANS_OW_152906926	Morrow	02N 026E	19	L 1	02N26E000000500	K-9	45.64314	-119.614
NANS_OW_160621028	Morrow	01N 027E	9	SESW	01N27E000000104	K-15	45.57444	-119.448
NANS_OW_160621034	Morrow	01N 027E	8	SESW	01N27E000000700	K-13	45.57468	-119.47
NANS_OW_160621220	Morrow	01N 027E	8	SESE	01N27E000000700	K-14	45.57463	-119.458
NANS_OW_160621268	Morrow	02S 029E	1	SENE	NA	K-23	45.42299	-119.147
NANS_OW_160621288	Morrow	02S 029E	10	NWSE	02S29E000000300	K-22	45.40701	-119.195
NANS_OW_160621738	Morrow	01N 028E	21	SESE	01N28E000000201	K-17	45.54678	-119.314
NANS_OW_160622166	Morrow	01N 027E	10	NESE	NA	K-16	45.58118	-119.419
NANS_OW_160622634	Morrow	01N 027E	10	NWSE	NA	K-16	45.58099	-119.422
NANS_OW_167136394	Morrow	02N 026E	7	SWSE	02N26E000000500	K-7	45.66148	-119.607
NANS_OW_167136395	Morrow	02N 026E	7	SESE	02N26E000000500	K-6	45.66311	-119.604
NANS_OW_167136396	Morrow	02N 026E	7	NESE	NA	K-5	45.66609	-119.605
NANS_OW_167136398	Morrow	02N 025E	12	NENE	02N25E000000200	K-4	45.67335	-119.623
NANS_OW_1F24254E	Umatilla	01S 034E	2	NESW	NA	K-52	45.50371	-118.521
NANS_OW_7F6298CB	Umatilla	01S 035E	4	L 12	NA	K-55	45.50397	-118.453
NANS_OW_8E7B1EBC	Umatilla	01S 035E	5	SESE	NA	K-54	45.50421	-118.457
NANS_OW_145365523	Umatilla	02S 032E	3	SESW	NA	K-39	45.41391	-118.807
NANS_OW_145365948	Umatilla	01S 032E	22	NESE	NA	K-44	45.46312	-118.792
NANS_OW_145366346	Umatilla	02S 030E	9	NENW	NA	K-26	45.41118	-119.095
NANS_OW_145367254	Umatilla	02S 032E	10	SWSW	2S32000001200	K-42	45.40164	-118.808
NANS_OW_145367720	Umatilla	01S 035E	17	NENE	1S35B00006500	K-64	45.48427	-118.459
NANS_OW_145367778	Umatilla	01S 035E	21	L 7	1S35000005000	K-82	45.46332	-118.449
NANS_OW_145367832	Umatilla	01S 035E	22	SESW	1S35000005000	K-79	45.45888	-118.43
NANS_OW_160620715	Umatilla	02S 030E	12	SWNW	2S30000000100	K-27	45.41025	-119.039

Feature	County	Township and Range	Section	QQ Section	Tax Lot	Impact Map No. (Appendix K)	Latitude	Longitude
NANS_OW_160620752	Umatilla	02S 030E	12	SENE	2S30000000100	K-29	45.40948	-119.022
NANS_OW_160621491	Umatilla	01N 029E	32	NWNE	NA	K-24	45.52735	-119.214
NANS_OW_160621909	Umatilla	02S 030E	12	SWNE	2S30000000100	K-28	45.40891	-119.028
NANS_OW_160622367	Umatilla	02S 030E	12	SWNE	2S30000000100	K-28	45.40889	-119.028
NANS_OW_160622394	Umatilla	02S 030E	7	L 2	2S30000000600	K-25	45.40849	-119.144
NANS_OW_160630009	Umatilla	01S 035E	22	NWNE	1S35000005000	K-77	45.46867	-118.42
NANS_OW_160630010	Umatilla	01S 035E	15	SWSE	1S35000005000	K-76	45.47422	-118.42
NANS_OW_160630019	Umatilla	01S 035E	4	SWNE	NA	K-56	45.50707	-118.448
NANS_OW_160630031	Umatilla	01S 035E	10	SENW	1S35000005000	K-58	45.49423	-118.43
NANS_OW_160630032	Umatilla	01S 035E	34	NWNE	1S35000005000	K-88	45.4409	-118.425
NANS_OW_160630039	Umatilla	01S 035E	3	SESW	1S35000001100	K-57	45.50308	-118.428
NANS_OW_160630041	Umatilla	01S 035E	22	NESW	1S35000005000	K-78	45.46316	-118.428
NANS_OW_160630259	Umatilla	01S 035E	27	NWNW	1S35000005000	K-80	45.45706	-118.431
NANS_OW_160630269	Umatilla	01S 035E	27	SWNW	1S35000005000	K-85	45.45119	-118.435
NANS_OW_160630274	Umatilla	01S 035E	15	NENW	1S35000005000	K-69	45.48576	-118.429
NANS_OW_160630276	Umatilla	01S 035E	28	SENE	1S35000005000	K-85	45.45239	-118.437
NANS_OW_160630286	Umatilla	01S 035E	28	SENE	1S35000005000	K-85	45.45251	-118.439
NANS_OW_160630291	Umatilla	01S 035E	9	L 9	1S35B00004400	K-60	45.49036	-118.439
NANS_OW_160630293	Umatilla	01S 035E	16	SESE	1S35000005000	K-72	45.47527	-118.44
NANS_OW_160630305	Umatilla	01S 035E	28	SWNE	1S35000005000	K-84	45.45278	-118.444
NANS_OW_160630306	Umatilla	01S 035E	21	NWNE	1S35000005000	K-74	45.46853	-118.442
NANS_OW_160630309	Umatilla	01S 035E	28	NWNE	1S35000005000	K-83	45.45654	-118.445
NANS_OW_160630311	Umatilla	01S 035E	21	SWSE	1S35000005000	K-83	45.45803	-118.446
NANS_OW_160630315	Umatilla	01S 035E	9	L 10	1S35B00004600	K-61	45.49026	-118.444
NANS_OW_160630321	Umatilla	01S 035E	21	L 6	1S35000005000	K-81	45.46591	-118.447
NANS_OW_160630352	Umatilla	01S 035E	9	L 13	1S35B00005700	K-63	45.48812	-118.453
NANS_OW_160630366	Umatilla	01S 035E	16	NWSW	1S35B00006800	K-67	45.47719	-118.453
NANS_OW_160630515	Umatilla	01S 035E	21	SENE	1S35000005000	K-75	45.4667	-118.436

Feature	County	Township and Range	Section	QQ Section	Tax Lot	Impact Map No. (Appendix K)	Latitude	Longitude
NANS_OW_160630625	Umatilla	01S 035E	9	L 9	1S35B00004400	K-60	45.49052	-118.438
NANS_OW_160630696	Umatilla	01S 035E	15	SWSE	1S35000005000	K-76	45.47396	-118.424
NANS_OW_160630713	Umatilla	01S 035E	3	SESW	1S35000001100	K-57	45.5024	-118.429
NANS_OW_160630733	Umatilla	01S 035E	28	SWNE	1S35000005000	K-84	45.45332	-118.444
NANS_OW_160630819	Umatilla	01S 035E	16	L 8	1S35000005000	K-73	45.47198	-118.442
NANS_OW_160630848	Umatilla	01S 035E	15	SWNW	1S35000005000	K-71	45.48116	-118.433
NANS_OW_160630885	Umatilla	01S 035E	9	L 14	1S35B00004700	K-62	45.48979	-118.45
NANS_OW_160630894	Umatilla	01S 035E	27	SESW	1S35000005000	K-86	45.44319	-118.426
NANS_OW_160630920	Umatilla	01S 035E	7	NENE	NA	K-53	45.49754	-118.479
NANS_OW_160631202	Umatilla	01S 034E	30	NENE	1S34000003500	K-51	45.4531	-118.593
NANS_OW_160631236	Umatilla	01S 034E	30	NENE	1S34000003500	K-51	45.45307	-118.594
NANS_OW_160631462	Umatilla	02S 032E	4	L 2	NA	K-38	45.42544	-118.817
NANS_OW_160631504	Umatilla	02S 032E	7	NWNE	2S32000000700U1	K-35	45.41009	-118.864
NANS_OW_160631595	Umatilla	02S 031E	9	SENW	2S31000000600	K-33	45.40996	-118.95
NANS_OW_160631666	Umatilla	02S 032E	10	SESW	2S32000001200	K-43	45.39971	-118.805
NANS_OW_160631674	Umatilla	02S 031E	6	L 1	2S31000001000	K-31	45.41454	-118.99
NANS_OW_160631692	Umatilla	02S 031E	8	NWNE	2S31000000600	K-32	45.41193	-118.962
NANS_OW_160631790	Umatilla	01S 032E	33	SWSE	NA	K-37	45.43166	-118.821
NANS_OW_109317495	Union	02S 035E	1	SENW	NA	K-94	45.42208	-118.379
NANS_OW_109317655	Union	02S 035E	1	NWSE	NA	K-95	45.4188	-118.375
NANS_OW_109317923	Union	02S 035E	12	NENE	NA	K-96	45.41323	-118.369
NANS_OW_109318015	Union	02S 036E	7	NENW	NA	K-101	45.41192	-118.36
NANS_OW_109318181	Union	02S 036E	7	SWNE	NA	K-102	45.40849	-118.356
NANS_OW_109318241	Union	02S 036E	7	NWSE	NA	K-103	45.40688	-118.354
NANS_OW_109318361	Union	02S 036E	7	NWSE	NA	K-104	45.40472	-118.352
NANS_OW_109318511	Union	02S 036E	7	NWSE	NA	K-104	45.40373	-118.352
NANS_OW_109318683	Union	02S 036E	18	NENE	NA	K-105	45.39923	-118.347
NANS_OW_109318777	Union	02S 036E	17	NWNW	NA	K-105	45.3979	-118.346

Feature	County	Township and Range	Section	QQ Section	Tax Lot	Impact Map No. (Appendix K)	Latitude	Longitude
NANS_OW_109318935	Union	02S 036E	17	SWNW	NA	K-106	45.39547	-118.343
NANS_OW_109319641	Union	02S 036E	20	SWNE	NA	K-110	45.37951	-118.332
NANS_OW_109319883	Union	02S 036E	20	NENE	02S36E00100	K-109	45.38145	-118.327
NANS_OW_109319909	Union	02S 036E	21	SENE	02S36E00100	K-113	45.378	-118.308
NANS_OW_109320319	Union	02S 036E	22	SESW	NA	K-115	45.37174	-118.299
NANS_OW_109322453	Union	02S 036E	36	SWSW	02S36E03800	K-119	45.34351	-118.262
NANS_OW_109323479	Union	03S 036E	12	NENE	NA	K-132	45.3233	-118.246
NANS_OW_109324161	Union	03S 037E	6	L 7	NA	K-128	45.32969	-118.238
NANS_OW_109324275	Union	03S 037E	9	SWNE	03S37E00500	K-137	45.32013	-118.186
NANS_OW_109324277	Union	03S 037E	9	SENW	03S37E00500	K-137	45.32034	-118.19
NANS_OW_109324431	Union	03S 037E	18	NENE	03S37E01200	K-135	45.31054	-118.226
NANS_OW_109325251	Union	03S 037E	20	NWNE	NA	K-154	45.29508	-118.211
NANS_OW_109325279	Union	03S 037E	18	NWNE	03S37E01200	K-135	45.31122	-118.228
NANS_OW_109325311	Union	03S 037E	12	SWSW	03S37E01303	K-142	45.31389	-118.135
NANS_OW_109325525	Union	03S 037E	21	NESW	03S37E02400	K-156	45.28918	-118.193
NANS_OW_109325685	Union	03S 037E	22	NWNW	03S37E02600	K-157	45.29386	-118.179
NANS_OW_109325751	Union	03S 037E	21	NESW	03S37E02400	K-156	45.28857	-118.19
NANS_OW_109325763	Union	03S 037E	23	SENE	03S37E01302	K-161	45.2907	-118.14
NANS_OW_109325939	Union	03S 038E	19	L 2	NA	K-143	45.29408	-118.112
NANS_OW_109326955	Union	03S 038E	19	L 1	NA	K-144	45.28956	-118.108
NANS_OW_109327141	Union	03S 038E	32	SWSW	NA	K-162	45.25658	-118.091
NANS_OW_109327743	Union	04S 038E	5	SWNE	04S38E02300	K-163	45.24942	-118.083
NANS_OW_109328415	Union	04S 038E	11	NENW	04S38E02000	K-146	45.23641	-118.028
NANS_OW_109329261	Union	04S 038E	14	SWSW	04S38E02206	K-168	45.21122	-118.03
NANS_OW_109329377	Union	04S 038E	23	NWNW	04S38E02200	K-169	45.20765	-118.034
NANS_OW_109329861	Union	04S 038E	27	NENW	04S38E02200	K-173	45.19277	-118.05
NANS_OW_109330151	Union	04S 038E	24	SWSW	NA	K-148	45.19608	-118.011
NANS_OW_109330263	Union	04S 038E	27	NESW	04S38E02200	K-174	45.18668	-118.045

Feature	County	Township and Range	Section	QQ Section	Tax Lot	Impact Map No. (Appendix K)	Latitude	Longitude
NANS_OW_109330287	Union	04S 038E	25	NENW	NA	K-150	45.19228	-118.005
NANS_OW_109330399	Union	04S 038E	25	SENE	NA	K-152	45.18957	-117.996
NANS_OW_109330871	Union	04S 038E	35	SENW	04S38E02200	K-178	45.17643	-118.026
NANS_OW_109331429	Union	04S 038E	25	SENE	NA	K-152	45.18797	-117.995
NANS_OW_112935147	Union	05S 038E	1	SENE	05S38E00100	K-179	45.15732	-117.994
NANS_OW_112935185	Union	05S 039E	8	NWNE	05S39E00900	K-183	45.14933	-117.963
NANS_OW_112935729	Union	05S 039E	26	NWSW	05S39E03200	K-188	45.09997	-117.911
NANS_OW_112936335	Union	05S 039E	36	NWSE	05S39E04300	K-192	45.08289	-117.877
NANS_OW_112936337	Union	05S 039E	36	SWSE	05S39E04300	K-192	45.08131	-117.879
NANS_OW_112936437	Union	06S 039E	1	L 2	06S39E00700	K-195	45.07635	-117.879
NANS_OW_112936455	Union	05S 039E	36	SESE	05S39E04300	K-190	45.08124	-117.871
NANS_OW_112936487	Union	06S 039E	1	L 1	NA	K-196	45.07363	-117.876
NANS_OW_160026237	Union	03S 037E	7	NWNE	NA	K-130	45.3256	-118.231
NANS_OW_160026464	Union	02S 036E	27	NWSE	02S36E00100	K-116	45.36239	-118.293
NANS_OW_160026502	Union	02S 036E	21	NESE	02S36E03101	K-114	45.37687	-118.307
NANS_OW_160026630	Union	02S 036E	17	SESW	NA	K-108	45.38693	-118.338
NANS_OW_160026671	Union	02S 036E	17	SWNW	NA	K-107	45.39313	-118.342
NANS_OW_160026739	Union	02S 036E	7	NENW	NA	K-101	45.41092	-118.359
NANS_OW_160026751	Union	02S 036E	7	L 1	NA	K-101	45.41232	-118.364
NANS_OW_160026866	Union	02S 035E	1	SENW	NA	K-93	45.42474	-118.38
NANS_OW_160026869	Union	02S 035E	1	SENE	02S35E00100	K-97	45.42442	-118.371
NANS_OW_160026877	Union	02S 035E	1	L 3	NA	K-92	45.42653	-118.381
NANS_OW_160026951	Union	02S 035E	1	L 3	NA	K-92	45.4254	-118.38
NANS_OW_160027351	Union	02S 037E	31	L 4	NA	K-122	45.34201	-118.237
NANS_OW_160027377	Union	03S 037E	6	NESW	03S37E00800	K-128	45.33091	-118.236
NANS_OW_160027389	Union	03S 036E	1	SENE	03S36E00200	K-121	45.33404	-118.246
NANS_OW_160028130	Union	03S 037E	6	SESW	03S37E00800	K-129	45.32859	-118.234
NANS_OW_160028421	Union	02S 036E	21	NESE	NA	K-114	45.37575	-118.307

Feature	County	Township and Range	Section	QQ Section	Tax Lot	Impact Map No. (Appendix K)	Latitude	Longitude
NANS_OW_160028467	Union	03S 037E	7	NENE	03S37E00500	K-131	45.32469	-118.225
NANS_OW_160028497	Union	02S 035E	1	L 3	NA	K-92	45.42654	-118.381
NANS_OW_160028498	Union	02S 035E	1	L 3	NA	K-92	45.42651	-118.381
NANS_OW_160028535	Union	02S 035E	1	SENW	NA	K-93	45.424	-118.38
NANS_OW_160030623	Union	04S 038E	22	SWSE	04S38E02200	K-172	45.19814	-118.045
NANS_OW_160030655	Union	04S 038E	9	NWSW	04S38E02204	K-165	45.23021	-118.071
NANS_OW_160030657	Union	04S 038E	9	NESW	04S38E02204	K-166	45.22829	-118.07
NANS_OW_160030712	Union	03S 037E	10	SWNW	03S37E01300	K-138	45.32084	-118.176
NANS_OW_160030717	Union	03S 037E	22	NWNW	03S37E02600	K-157	45.29444	-118.178
NANS_OW_160030761	Union	03S 037E	5	SWSW	03S37E00500	K-127	45.32851	-118.217
NANS_OW_160031548	Union	03S 037E	20	SENE	03S37E02400	K-155	45.2894	-118.203
NANS_OW_160032104	Union	03S 037E	22	NWNW	03S37E02600	K-157	45.29419	-118.179
NANS_OW_160032203	Union	04S 038E	27	NESE	04S38E02200	K-175	45.18525	-118.039
NANS_OW_160032318	Union	04S 038E	22	SENE	04S38E02200	K-171	45.20255	-118.038
NANS_OW_160032329	Union	03S 037E	24	SWNW	NA	K-161	45.29188	-118.136
NANS_OW_160032433	Union	04S 038E	27	NESE	04S38E02200	K-175	45.18406	-118.037
NANS_OW_160559766	Union	06S 039E	1	L 2	05S39E04300	K-191	45.07894	-117.871
NANS_OW_160559774	Union	06S 040E	6	L 6	06S40E00704	K-197	45.07152	-117.87
NANS_OW_160559777	Union	06S 039E	1	L 1	NA	K-196	45.07464	-117.874
NANS_OW_160559782	Union	05S 039E	36	SWSE	05S39E04300	K-193	45.08	-117.88
NANS_OW_160559783	Union	05S 039E	36	SWSE	05S39E04300	K-194	45.079	-117.881
NANS_OW_112857470	Baker	10S 041E	14	SWSW	NA	K-238	44.68968	-117.663
NANS_OW_112857578	Baker	10S 041E	14	SWSE	10S41E02300	K-239	44.68861	-117.653
NANS_OW_112857756	Baker	10S 041E	24	SWNW	NA	K-243	44.67991	-117.647
NANS_OW_112857806	Baker	10S 041E	24	NESW	NA	K-244	44.67663	-117.639
NANS_OW_112857922	Baker	10S 041E	24	SESE	NA	K-245	44.67343	-117.629
NANS_OW_112858528	Baker	10S 042E	33	NESE	NA	K-249	44.65007	-117.567
NANS_OW_112858530	Baker	10S 042E	33	SENW	NA	K-248	44.65217	-117.576

Feature	County	Township and Range	Section	QQ Section	Tax Lot	Impact Map No. (Appendix K)	Latitude	Longitude
NANS_OW_112859680	Baker	11S 042E	14	NENE	11S42E02200	K-252	44.61135	-117.526
NANS_OW_112859752	Baker	11S 042E	14	NENE	11S42E02200	K-252	44.61119	-117.526
NANS_OW_112859912	Baker	11S 042E	13	NESW	11S42E02200	K-253	44.60528	-117.519
NANS_OW_112860772	Baker	11S 042E	25	NENE	NA	K-258	44.58399	-117.507
NANS_OW_112861154	Baker	11S 042E	25	SWSW	11S42E03200	K-262	44.57109	-117.521
NANS_OW_112861558	Baker	11S 043E	29	NESW	11S43E04300	K-263	44.57518	-117.475
NANS_OW_112861560	Baker	11S 043E	29	NESE	11S43E29DA00100	K-264	44.57415	-117.469
NANS_OW_112861670	Baker	11S 043E	29	SENE	NA	K-266	44.57842	-117.464
NANS_OW_112861708	Baker	11S 042E	26	SESW	11S42E03200	K-259	44.57229	-117.536
NANS_OW_112862186	Baker	11S 043E	29	NESE	NA	K-265	44.57566	-117.464
NANS_OW_112862662	Baker	11S 042E	35	SWSE	11S42E02200	K-271	44.55503	-117.533
NANS_OW_112862680	Baker	11S 042E	36	SESW	11S42E03500	K-270	44.55646	-117.517
NANS_OW_112865936	Baker	12S 043E	22	SWNE	NA	K-278	44.50991	-117.431
NANS_OW_112866106	Baker	12S 043E	22	NWSE	12S43E04200	K-279	44.50764	-117.435
NANS_OW_112866870	Baker	12S 043E	22	SESW	NA	K-280	44.50446	-117.438
NANS_OW_112868862	Baker	13S 044E	7	SWSE	NA	K-288	44.44843	-117.372
NANS_OW_112868888	Baker	13S 044E	7	SESE	NA	K-288	44.4482	-117.369
NANS_OW_112869774	Baker	14S 044E	13	NWSW	NA	K-295	44.34989	-117.282
NANS_OW_112869810	Baker	14S 044E	23	NWNE	NA	K-297	44.34394	-117.293
NANS_OW_112869816	Baker	14S 044E	14	SESE	NA	K-296	44.34744	-117.288
NANS_OW_112938793	Baker	06S 040E	29	NESW	NA	K-199	45.01295	-117.844
NANS_OW_112939663	Baker	07S 040E	5	L 2	NA	K-202	44.99009	-117.836
NANS_OW_112939759	Baker	07S 040E	4	L 2	07S40E00800	K-201	44.99077	-117.829
NANS_OW_112940887	Baker	07S 040E	5	L 1	NA	K-203	44.98587	-117.835
NANS_OW_112941139	Baker	07S 040E	8	NESW	NA	K-207	44.9642	-117.834
NANS_OW_112941407	Baker	07S 040E	17	SENW	07S40E01000	K-208	44.95578	-117.846
NANS_OW_112943637	Baker	07S 040E	34	SESW	NA	K-212	44.90611	-117.802
NANS_OW_112944499	Baker	08S 040E	2	NESE	08S40E00200	K-214	44.89801	-117.769

Feature	County	Township and Range	Section	QQ Section	Tax Lot	Impact Map No. (Appendix K)	Latitude	Longitude
NANS_OW_112944717	Baker	08S 040E	2	SESW	NA	K-216	44.89432	-117.781
NANS_OW_112945637	Baker	08S 040E	23	NENW	NA	K-219	44.86156	-117.782
NANS_OW_112947391	Baker	08S 041E	31	NESW	08S41E03600	K-222	44.8241	-117.74
NANS_OW_112947399	Baker	08S 041E	31	NESW	08S41E03600	K-223	44.82307	-117.739
NANS_OW_112947411	Baker	08S 041E	31	NESW	08S41E03600	K-223	44.82249	-117.739
NANS_OW_112947525	Baker	08S 040E	36	SESE	08S40E06500	K-225	44.81788	-117.751
NANS_OW_112947751	Baker	08S 041E	31	NESW	08S41E03600	K-223	44.8211	-117.741
NANS_OW_112947947	Baker	09S 040E	1	L 2	09S40E0100100	K-226	44.81661	-117.752
NANS_OW_112947973	Baker	09S 040E	1	SWSW	NA	K-229	44.80561	-117.765
NANS_OW_112948241	Baker	09S 040E	1	SESW	NA	K-230	44.80341	-117.76
NANS_OW_112948537	Baker	09S 040E	15	NENE	NA	K-232	44.78879	-117.794
NANS_OW_112948619	Baker	09S 040E	14	NENE	09S40E1100800	K-233	44.7888	-117.772
NANS_OW_127033621	Baker	14S 044E	25	SESE	14S44E02900	K-298	44.31874	-117.27
NANS_OW_127033628	Baker	14S 044E	25	SESE	14S44E02900	K-298	44.31729	-117.267
NANS_OW_127033681	Baker	14S 045E	31	L 1	NA	K-299	44.3133	-117.265
NANS_OW_160559681	Baker	06S 040E	29	NESW	NA	K-199	45.0118	-117.845
NANS_OW_127033740	Malheur	15S 045E	5	SENW	15S45E00300	K-303	44.29606	-117.241
NANS_OW_127033755	Malheur	15S 045E	4	L 2	NA	K-302	44.29604	-117.225
NANS_OW_127033915	Malheur	15S 045E	16	SESE	15S45E01300	K-311	44.26044	-117.208
NANS_OW_127033935	Malheur	15S 045E	15	SWSW	15S45E01300	K-312	44.25893	-117.205
NANS_OW_127033979	Malheur	15S 045E	22	SENE	15S45E01500	K-315	44.25398	-117.189
NANS_OW_127033980	Malheur	15S 045E	22	SWNW	15S45E01300	K-313	44.2524	-117.206
NANS_OW_127034004	Malheur	15S 045E	23	L 1	NA	K-314	44.25799	-117.174
NANS_OW_127034059	Malheur	15S 045E	27	NENE	15S45E01300	K-319	44.24267	-117.189
NANS_OW_127034124	Malheur	15S 045E	27	SWNE	15S45E01300	K-320	44.23775	-117.194
NANS_OW_127034191	Malheur	16S 045E	3	L 9	16S45E00100	K-321	44.20311	-117.2
NANS_OW_127034245	Malheur	16S 045E	15	NWNE	16S45E00100	K-323	44.18203	-117.191
NANS_OW_131906777	Malheur	22S 046E	9	SESW	22S46E00300	K-434	43.66641	-117.11

Feature	County	Township and Range	Section	QQ Section	Tax Lot	Impact Map No. (Appendix K)	Latitude	Longitude
NANS_OW_131906891	Malheur	22S 046E	35	SWNW	NA	K-441	43.61632	-117.071
NANS_OW_131908414	Malheur	22S 046E	26	SWSE	NA	K-442	43.62271	-117.065
NANS_OW_131908868	Malheur	22S 046E	34	NWSW	22S46E04100	K-440	43.61333	-117.095
NANS_OW_131909420	Malheur	22S 046E	8	NESW	22S46E00300	K-432	43.67052	-117.13
NANS_OW_131909430	Malheur	22S 046E	27	NENW	22S46E2700200	K-438	43.63334	-117.088
NANS_OW_131909450	Malheur	22S 046E	33	NENE	22S46E00300	K-439	43.61949	-117.098
NANS_OW_131909460	Malheur	23S 046E	12	NENW	23S46E00600	K-447	43.58904	-117.05
NANS_OW_131909466	Malheur	23S 046E	12	SWSW	23S46E01200	K-451	43.57894	-117.053
NANS_OW_131911505	Malheur	23S 046E	3	L 2	23S46E00800	K-443	43.60528	-117.084
NANS_OW_131912372	Malheur	22S 046E	17	NENE	22S46E00300	K-433	43.66332	-117.117
NANS_OW_131912672	Malheur	22S 046E	35	SENW	NA	K-441	43.61701	-117.069
NANS_OW_131912674	Malheur	23S 046E	3	SENW	23S46E00800	K-444	43.59953	-117.088
NANS_OW_144341180	Malheur	17S 044E	19	NESE	17S44E06900	K-352	44.07475	-117.366
NANS_OW_144341452	Malheur	17S 044E	23	NESE	NA	K-339	44.07489	-117.29
NANS_OW_144341453	Malheur	17S 044E	23	NENW	NA	K-336	44.0833	-117.295
NANS_OW_144341456	Malheur	17S 044E	23	SESE	NA	K-343	44.06896	-117.285
NANS_OW_144341462	Malheur	17S 044E	24	NWNE	17S44E11100	K-332	44.08329	-117.275
NANS_OW_144341464	Malheur	17S 044E	24	SENW	17S44E10800	K-337	44.07614	-117.28
NANS_OW_144342126	Malheur	17S 045E	8	SENW	NA	K-327	44.10624	-117.24
NANS_OW_144342808	Malheur	17S 044E	13	SWNE	NA	K-331	44.09125	-117.273
NANS_OW_146126126	Malheur	19S 043E	3	SWNW	19S43E01800	K-378	43.95046	-117.447
NANS_OW_146126139	Malheur	18S 043E	25	SWNW	18S43E05500	K-369	43.97624	-117.407
NANS_OW_146126150	Malheur	19S 044E	18	SWNE	NA	K-384	43.92096	-117.375
NANS_OW_146126171	Malheur	19S 044E	23	SWNW	NA	K-394	43.90337	-117.305
NANS_OW_146126411	Malheur	19S 044E	29	NWSW	NA	K-389	43.88759	-117.363
NANS_OW_146126413	Malheur	19S 044E	31	NWNE	19S44E00100	K-387	43.87912	-117.374
NANS_OW_146127958	Malheur	18S 043E	25	NWNW	18S43E05500	K-368	43.98102	-117.407
NANS_OW_146131470	Malheur	17S 043E	35	NWNE	17S43E00400	K-355	44.05318	-117.414

Feature	County	Township and Range	Section	QQ Section	Tax Lot	Impact Map No. (Appendix K)	Latitude	Longitude
NANS_OW_146132517	Malheur	18S 043E	8	NWNW	18S43E00400	K-360	44.02442	-117.486
NANS_OW_146132534	Malheur	18S 043E	8	NWNE	NA	K-361	44.02453	-117.473
NANS_OW_146132540	Malheur	18S 043E	2	L 2	NA	K-356	44.03758	-117.414
NANS_OW_146132584	Malheur	18S 043E	8	NWNW	18S43E00400	K-359	44.02635	-117.484
NANS_OW_146136317	Malheur	21S 045E	24	SENE	21S45E00100	K-424	43.73042	-117.157
NANS_OW_146136330	Malheur	21S 046E	19	NESE	21S46E04000	K-425	43.72974	-117.141
NANS_OW_146136922	Malheur	21S 045E	14	SWNW	21S45E01000	K-419	43.74524	-117.192
NANS_OW_158456326	Malheur	21S 046E	30	NENE	21S46E04000	K-427	43.71904	-117.138
NANS_OW_158456344	Malheur	21S 046E	20	NWSE	21S46E04000	K-426	43.72667	-117.121
NANS_OW_158456345	Malheur	21S 046E	29	NWNW	21S46E04000	K-427	43.71996	-117.132
NANS_OW_158456380	Malheur	20S 045E	34	SWSW	20S45E02000	K-411	43.78028	-117.214
NANS_OW_158456389	Malheur	21S 045E	9	NESE	21S45E00100	K-418	43.75659	-117.215
NANS_OW_158456390	Malheur	21S 045E	4	SESE	NA	K-415	43.76877	-117.22
NANS_OW_158456392	Malheur	21S 045E	9	NENE	21S45E00100	K-416	43.7626	-117.219
NANS_OW_158456401	Malheur	20S 045E	20	SWSW	20S45E00100	K-409	43.81111	-117.254
NANS_OW_158456415	Malheur	20S 044E	12	NWSE	20S44E00300	K-408	43.84411	-117.284
NANS_OW_158456417	Malheur	20S 045E	6	L 7	NA	K-396	43.85474	-117.273
NANS_OW_158456448	Malheur	20S 045E	32	NWNW	20S45E00100	K-410	43.79347	-117.251
NANS_OW_158456453	Malheur	21S 045E	3	NESW	NA	K-414	43.77025	-117.205
NANS_OW_158456510	Malheur	20S 045E	6	SESE	20S45E00100	K-397	43.85595	-117.26
NANS_OW_158456533	Malheur	21S 046E	30	NESW	21S46E04000	K-428	43.71178	-117.147
NANS_OW_158456538	Malheur	21S 045E	9	SENE	21S45E00100	K-417	43.76091	-117.218
NANS_OW_159830417	Malheur	18S 043E	5	SWSW	NA	K-359	44.02743	-117.486
NANS_OW_159830420	Malheur	18S 043E	6	SESE	NA	K-358	44.02879	-117.487
NANS_OW_159830485	Malheur	17S 044E	31	L 1	17S44E06900	K-353	44.05442	-117.386
NANS_OW_160608459	Malheur	15S 045E	5	NESW	15S45E00300	K-305	44.29263	-117.237
NANS_OW_160608482	Malheur	15S 045E	5	SESE	15S45E00300	K-307	44.28803	-117.227
NANS_OW_160608484	Malheur	15S 045E	5	NESE	15S45E00300	K-306	44.29142	-117.231

Feature	County	Township and Range	Section	QQ Section	Tax Lot	Impact Map No. (Appendix K)	Latitude	Longitude
NANS_OW_160608485	Malheur	15S 045E	5	NESE	15S45E00300	K-304	44.29331	-117.231
NANS_OW_160612946	Malheur	15S 045E	5	L 1	NA	K-301	44.30061	-117.227
NANS_OW_162723299	Malheur	19S 044E	31	SENE	19S44E00100	K-388	43.87727	-117.37
NANS_OW_162723408	Malheur	19S 044E	34	NWSW	19S44E00901	K-393	43.87211	-117.323
NANS_OW_162723589	Malheur	20S 044E	9	NENW	20S44E00500	K-403	43.84958	-117.349
NANS_OW_162723590	Malheur	19S 044E	32	NWNE	19S44E00100	K-390	43.88073	-117.353
NANS_OW_162723597	Malheur	19S 043E	36	NENE	19S43E00100	K-386	43.87934	-117.39
NANS_OW_162723632	Malheur	19S 044E	22	SENE	NA	K-394	43.90268	-117.306
NANS_OW_162724150	Malheur	19S 044E	36	NESW	NA	K-395	43.87225	-117.277
NANS_OW_162724152	Malheur	20S 044E	12	NWSW	20S44E00300	K-407	43.842	-117.294
NANS_OW_162724156	Malheur	20S 044E	11	SWNW	20S44E00300	K-405	43.84858	-117.312
NANS_OW_162724172	Malheur	19S 044E	33	SENW	19S44E00100	K-392	43.87495	-117.336
NANS_OW_162724176	Malheur	19S 044E	33	SWNW	19S44E00100	K-391	43.87522	-117.342
NANS_OW_162724202	Malheur	20S 044E	5	L 3	NA	K-401	43.86595	-117.368
NANS_OW_162724206	Malheur	19S 043E	35	NENE	19S43E00100	K-385	43.88097	-117.408
NANS_OW_162724211	Malheur	20S 044E	6	L 2	20S44E00300	K-399	43.86527	-117.381
NANS_OW_162724223	Malheur	19S 044E	18	L 2	NA	K-383	43.92128	-117.384
NANS_OW_162724225	Malheur	19S 044E	31	L 4	19S44E00100	K-398	43.86887	-117.386
NANS_OW_162724261	Malheur	19S 043E	36	NWNW	19S43E00100	K-385	43.8793	-117.407
NANS_OW_162724262	Malheur	19S 043E	14	SESW	NA	K-382	43.91282	-117.421
NANS_OW_162724299	Malheur	18S 043E	21	SESE	18S43E01100	K-364	43.98405	-117.449
NANS_OW_162724333	Malheur	18S 043E	22	SWSW	18S43E03700	K-365	43.98599	-117.446
NANS_OW_162724344	Malheur	19S 043E	28	SENE	NA	K-381	43.89189	-117.452
NANS_OW_162724347	Malheur	19S 043E	4	SENW	19S43E02200	K-376	43.94762	-117.46
NANS_OW_162724370	Malheur	19S 043E	29	NESE	NA	K-379	43.88847	-117.47
NANS_OW_162724389	Malheur	19S 043E	28	SENE	NA	K-381	43.8928	-117.45
NANS_OW_162724994	Malheur	19S 043E	28	NWSW	NA	K-380	43.88842	-117.466
NANS_OW_162730535	Malheur	16S 045E	34	SWNW	16S45E01100	K-326	44.13571	-117.203

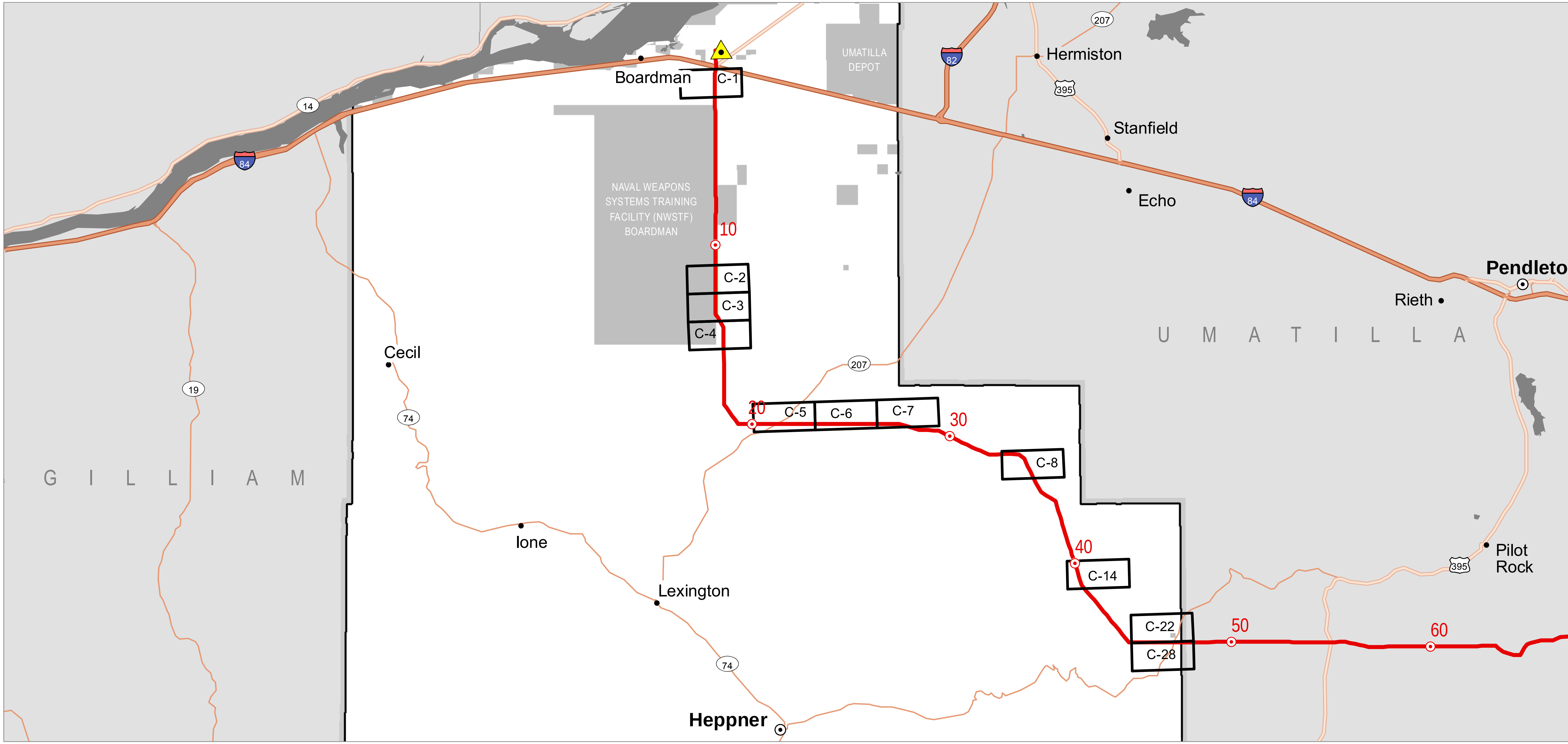
Feature	County	Township and Range	Section	QQ Section	Tax Lot	Impact Map No. (Appendix K)	Latitude	Longitude
NANS_OW_162730565	Malheur	17S 045E	9	NESE	17S45E00400	K-328	44.10389	-117.206
NANS_OW_162730612	Malheur	17S 044E	24	SESE	17S44E11200	K-334	44.07053	-117.268
NANS_OW_162730618	Malheur	17S 044E	13	SWNE	NA	K-331	44.09281	-117.272
NANS_OW_162730653	Malheur	17S 044E	22	SENE	17S44E2200100	K-342	44.0772	-117.305
NANS_OW_162730676	Malheur	17S 044E	27	NWNW	NA	K-347	44.06907	-117.323
NANS_OW_162730678	Malheur	17S 044E	27	SWNE	17S44E2700100	K-349	44.06268	-117.313
NANS_OW_162730694	Malheur	17S 044E	28	NENE	NA	K-347	44.06908	-117.326
NANS_OW_162731110	Malheur	17S 044E	27	NENW	NA	K-346	44.06904	-117.316
NANS_OW_162731190	Malheur	17S 044E	22	NESE	17S44E09900	K-342	44.0762	-117.305
NANS_OW_162731246	Malheur	17S 044E	23	SWSE	NA	K-344	44.06922	-117.293
NANS_OW_162731291	Malheur	17S 044E	19	NENE	17S44E07000	K-351	44.08276	-117.365
NANS_OW_162731343	Malheur	16S 045E	22	NWNE	16S45E00100	K-324	44.16772	-117.191
NANS_OW_162731515	Malheur	16S 045E	27	SWNE	16S45E00100	K-325	44.14987	-117.192
NANS_OW_162731555	Malheur	17S 045E	7	SESW	17S45E01000	K-329	44.09907	-117.259
NANS_OW_162731677	Malheur	17S 044E	22	NENE	NA	K-341	44.08007	-117.306
NANS_OW_162731678	Malheur	17S 044E	23	SWNW	NA	K-341	44.0792	-117.305
NANS_OW_162734905	Malheur	17S 044E	23	SENE	17S44E10300	K-338	44.07702	-117.286
NANS_OW_166772724	Malheur	18S 044E	7	L 3	NA	K-354	44.01748	-117.386
NANS_OW_816	Malheur	20S 044E	11	NESW	20S44E00300	K-406	43.84245	-117.308

Table C-3. Legal Descriptions, Tax Lots, and Tax Maps for Impacted Delineated Other Waters (Ephemeral) Sites

Feature	County	Township and Range	Section	QQ Section	Tax Lot	Impact Map No. (Appendix K)	Latitude	Longitude
MO_SW_STRM_001	Morrow	01N 028E	22	SWSW	01N28E000000200	K-19	45.54798	-119.305
MO_SW_STRM_301	Morrow	01N 028E	27	SWNE	01N28E000000700	K-20	45.53937	-119.296
UM_AS_STRM_300	Umatilla	01S 036E	31	L 4	1S36000001670	K-90	45.43085	-118.362
UM_S_0066	Umatilla	01S 035E	21	NWNE	1S35000005000	K-73	45.47032	-118.444
UM_SW_STRM_002	Umatilla	02S 033E	6	L 17	NA	K-45	45.42187	-118.742
UM_SW_STRM_009	Umatilla	02S 032E	7	L 1	2S32000000900	K-35	45.41008	-118.868
UM_SW_STRM_010	Umatilla	01S 032E	32	NENE	1S32C00001400U1	K-36	45.4414	-118.838
UM_SW_STRM_016	Umatilla	02S 033E	7	L 17	2S33000002900	K-46	45.39984	-118.743
UN_LM_STRM_209	Union	05S 039E	16	SESE	05S39E02300	K-187	45.12575	-117.937
UN_LM_STRM_226	Union	05S 039E	16	NESE	05S39E02300	K-187	45.12623	-117.932
UN_LM_STRM_227	Union	05S 039E	15	SWSW	05S39E02300	K-187	45.12613	-117.932
UN_LM_STRM_228	Union	05S 039E	16	NESE	05S39E02300	K-187	45.12632	-117.935
UN_LM_STRM_300	Union	05S 039E	17	SENE	05S39E00900	K-185	45.13339	-117.955
UN_LM_STRM_301	Union	05S 039E	8	SWSE	05S39E00900	K-184	45.1403	-117.958
UN_MC_STRM_002	Union	02S 036E	35	NENW	02S36E00100	K-118	45.35276	-118.277
UN_MC_STRM_003	Union	02S 036E	35	NENW	02S36E00100	K-118	45.3521	-118.277
UN_MC_STRM_004	Union	02S 036E	35	NENW	02S36E00100	K-118	45.3522	-118.276
UN_ML_STRM_007	Union	03S 037E	8	NWSW	NA	K-134	45.31721	-118.22
UN_ML_STRM_013	Union	03S 037E	22	NENE	03S37E01300	K-159	45.29443	-118.162
UN_ML_STRM_030	Union	03S 037E	22	NENE	03S37E01302	K-159	45.29391	-118.161
UN_ML_STRM_301	Union	04S 038E	22	NWNE	04S38E02206	K-170	45.20562	-118.043
UN_ML_STRM_306	Union	04S 038E	35	NWNW	04S38E02200	K-177	45.17845	-118.034
UN_S_0021	Union	02S 036E	6	NESW	02S36E01000	K-98	45.41866	-118.361
UN_S_0043	Union	03S 037E	9	NWSW	03S37E00500	K-136	45.31831	-118.2
BA_BR_029	Baker	11S 042E	24	NWSE	11S42E02200	K-257	44.58842	-117.511
BA_BR_400	Baker	10S 042E	33	SENW	10S42E02900	K-247	44.6551	-117.578
BA_BR_416	Baker	11S 042E	11	NWNW	11S42E01000	K-251	44.62937	-117.542

Feature	County	Township and Range	Section	QQ Section	Tax Lot	Impact Map No. (Appendix K)	Latitude	Longitude
BA_BR_461	Baker	11S 042E	23	NWNE	11S42E02200	K-254	44.59771	-117.531
BA_FL_035	Baker	10S 041E	8	NESW	10S41E01000	K-237	44.70733	-117.722
BA_FL_040	Baker	10S 041E	8	NESW	10S41E01000	K-237	44.70625	-117.721
BA_FL_STRM_308	Baker	10S 042E	33	SENW	10S42E02900	K-248	44.6532	-117.576
BA_FL_STRM_310	Baker	10S 041E	24	NWNE	10S41E02600	K-242	44.68479	-117.634
BA_LM_STRM_200	Baker	07S 040E	4	SWSW	07S40E00801	K-206	44.97988	-117.828
BA_LM_STRM_202	Baker	07S 040E	4	L 1	07S40E00600	K-204	44.98529	-117.819
BA_LM_STRM_203	Baker	07S 040E	5	SWSE	NA	K-205	44.97921	-117.835
BA_LM_STRM_205	Baker	07S 040E	22	NESE	07S40E00600	K-211	44.9408	-117.792
BA_LM_STRM_206	Baker	07S 040E	15	SENW	07S40E00600	K-210	44.95684	-117.801
BA_LM_STRM_208	Baker	07S 040E	35	SWNE	07S40E02000	K-213	44.91364	-117.777
BA_S_0010	Baker	06S 040E	33	SWNW	06S40E01600	K-200	44.99969	-117.825
BA_WT_STRM_026	Baker	13S 044E	28	NWNE	13S44E02100	K-289	44.41364	-117.333
BA_WT_STRM_219	Baker	12S 043E	22	SESW	12S43E04100	K-280	44.50549	-117.436
BA_WT_STRM_220	Baker	13S 044E	6	NWSE	13S44E00800	K-283	44.46488	-117.375
BA_WT_STRM_224	Baker	11S 042E	24	SWSE	11S42E02200	K-257	44.58812	-117.511
BA_WT_STRM_226	Baker	11S 042E	23	SESW	11S42E03000	K-255	44.58778	-117.537
BA_WT_STRM_303	Baker	10S 042E	33	NESE	NA	K-249	44.64956	-117.566
BA_WT_STRM_305	Baker	10S 042E	28	SENW	10S42E02900	K-246	44.66741	-117.576
BA_WT_STRM_307	Baker	12S 043E	27	NWSE	12S43E03000	K-281	44.49276	-117.432
BA_WT_STRM_308	Baker	12S 043E	27	NESE	12S43E03000	K-281	44.49263	-117.429
MalWllwCrk_370	Baker	14S 044E	36	SENE	NA	K-300	44.31073	-117.268
MA_S_0012	Malheur	22S 046E	5	SWNW	22S46E00300	K-430	43.68875	-117.133
MA_S_0016	Malheur	21S 045E	4	SENW	21S45E00100	K-412	43.77574	-117.229
MA_S_0030	Malheur	21S 046E	31	NESE	21S46E04000	K-429	43.69817	-117.137
MA_S_0061	Malheur	21S 045E	4	SENW	21S45E00100	K-413	43.77378	-117.227
MA_S_0076	Malheur	22S 046E	8	SENW	22S46E00300	K-431	43.67516	-117.131
MA_S_0114	Malheur	20S 044E	4	NWSW	20S44E00300	K-402	43.85927	-117.354

Feature	County	Township and Range	Section	QQ Section	Tax Lot	Impact Map No. (Appendix K)	Latitude	Longitude
MA_S_0133	Malheur	20S 044E	10	NWNE	20S44E00300	K-404	43.85118	-117.322
MA_TM_405	Malheur	16S 045E	10	NWSW	16S45E00100	K-322	44.19088	-117.204
MA_TM_483	Malheur	17S 044E	24	SWNW	NA	K-338	44.07622	-117.285
MApro_445	Malheur	23S 046E	13	SWSW	23S46E01900	K-452	43.56297	-117.055
MApro_447	Malheur	23S 046E	24	SWNE	23S46E00100	K-453	43.55572	-117.044



Miles 0 5

Map Area

OREGON

PROJECT AREA

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

December 2016

Project Features
- Proposed Route
- Alternative
- Stations
- Ten Mile Marker

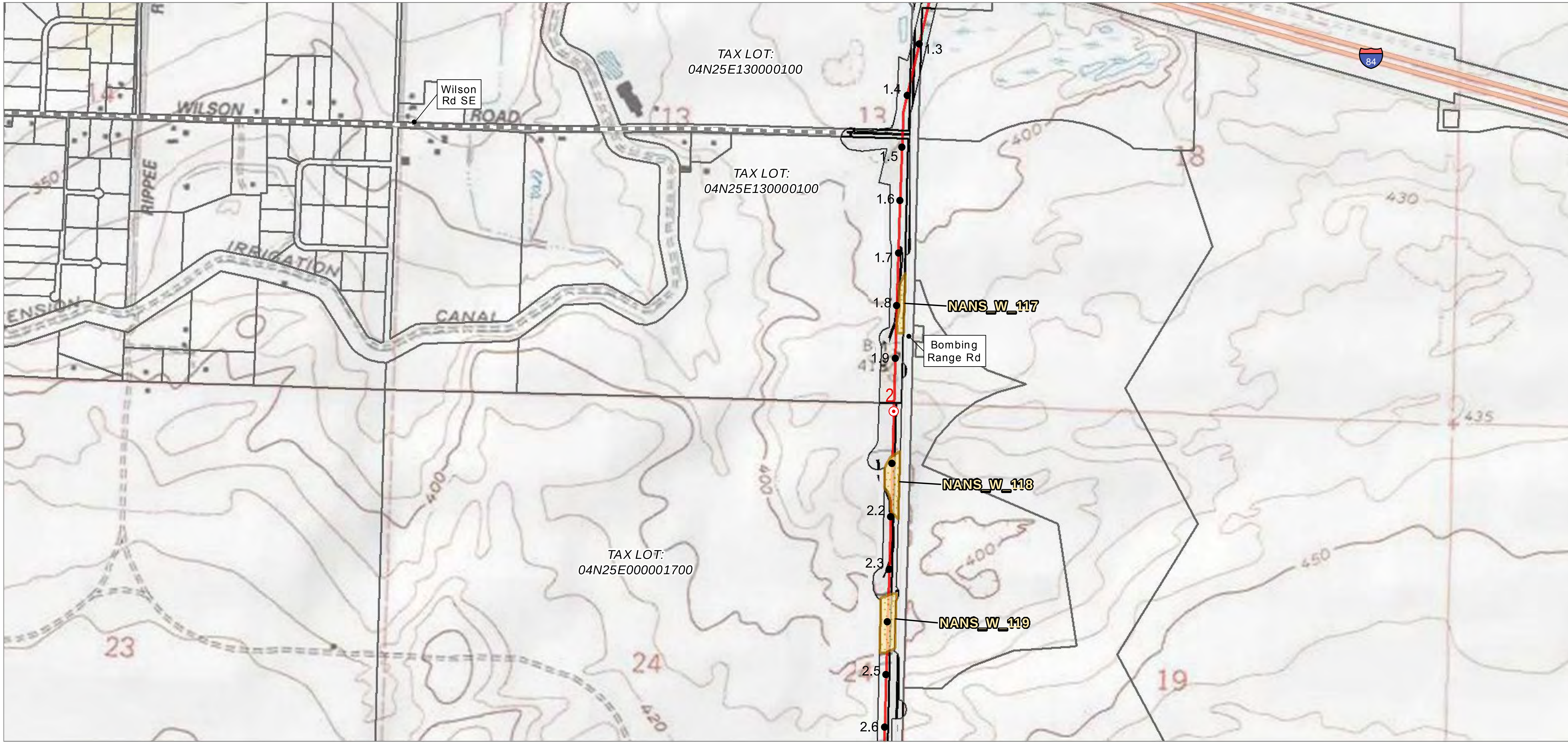
Map Index
- Map Tile (Map #)

Boardman to Hemingway Transmission Line Project

Appendix C
Joint Permit Application
Location Map

Morrow County

Map Index



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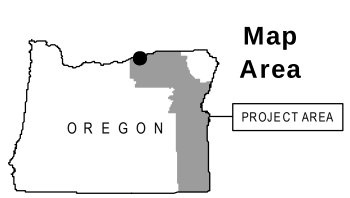

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Project Features

Site Boundary

Proposed Route

Route Centerline

Proposed Route

Mileposts

Mile

Tenth-mile

Transportation

Interstates or Highways

Other Major Roads

Wetland

NANS Wetland (NWI)

IDAHO POWER
An IDACORP Company

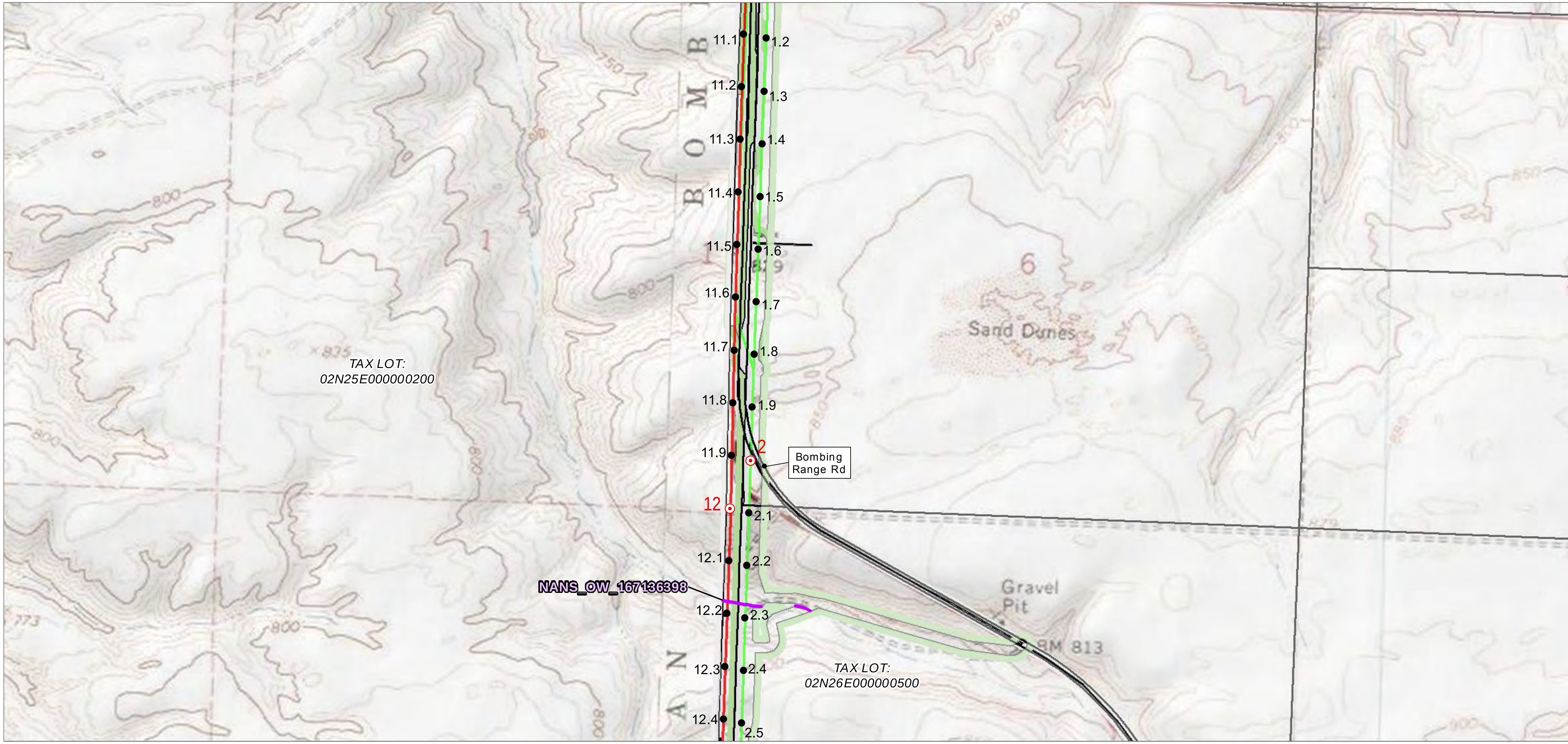
Boardman to Hemingway
Transmission Line Project

Appendix C-1

Wetland and Other Waters Impact Sites, Tax Lots and Locations Detail Maps

Morrow County

December 2016



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Feet

Map Area
OREGON
PROJECT AREA

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

December 2016

Project Features
Site Boundary
Proposed Route
Alternative Route
Route Centerline
Proposed Route
Alternative

Mileposts
Mile
Tenth-mile

Transportation
Other Major Roads

Other Waters
NANS Streams (NHD)

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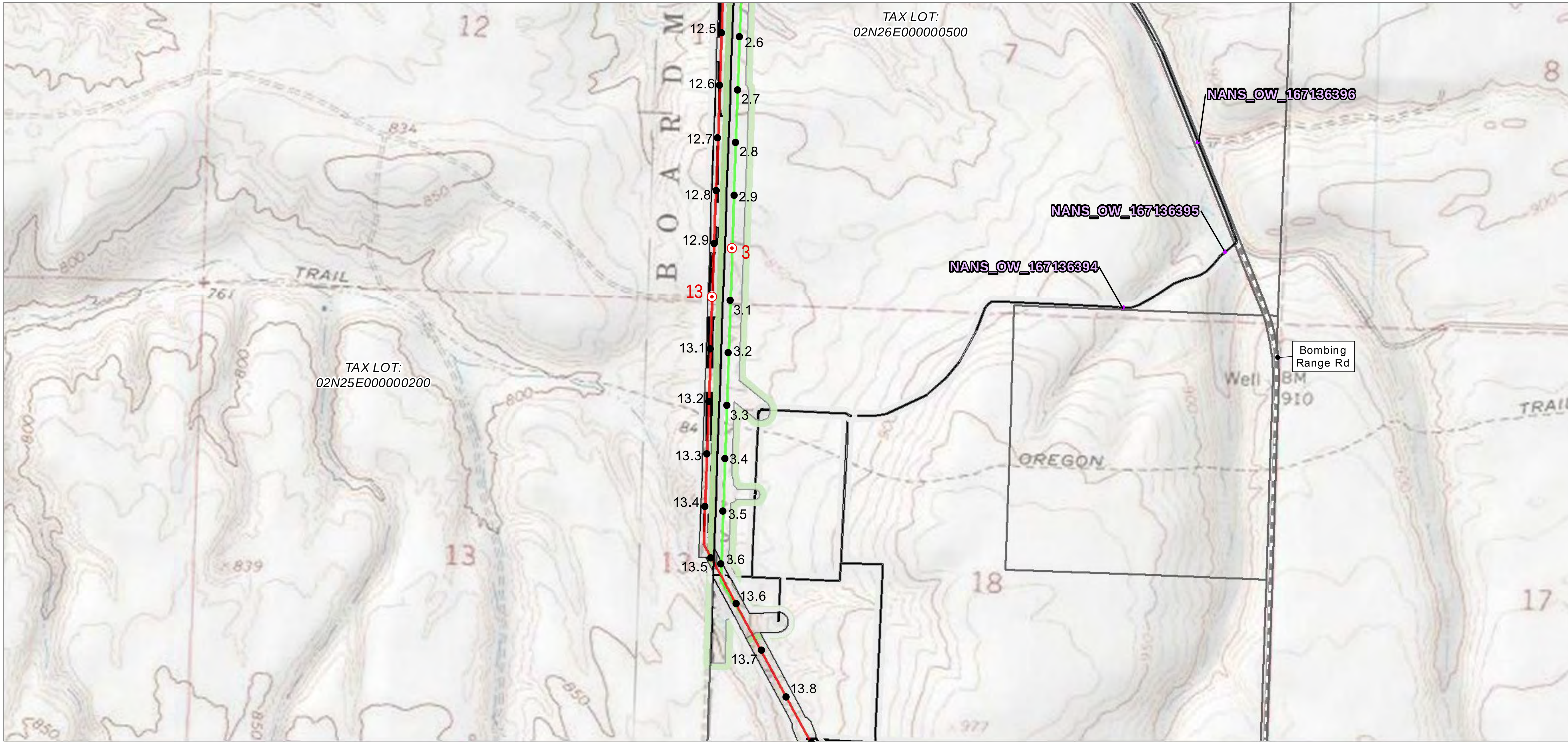
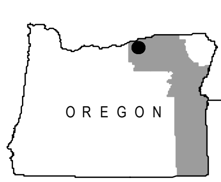
Boardman to Hemingway
Transmission Line Project

Appendix C-2
Wetland and Other Waters
Impact Sites, Tax Lots and Locations
Detail Maps
Morrow County





Map Area

PROJECT AREA

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Feet

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

December 2016

Project Features

Site Boundary
- Proposed Route
- Alternative Route

Route Centerline
- Proposed Route
- Alternative

Mileposts
- Mile
- Tenth-mile

Transportation
- Other Major Roads

Other Waters
- NANS Streams (NHD)

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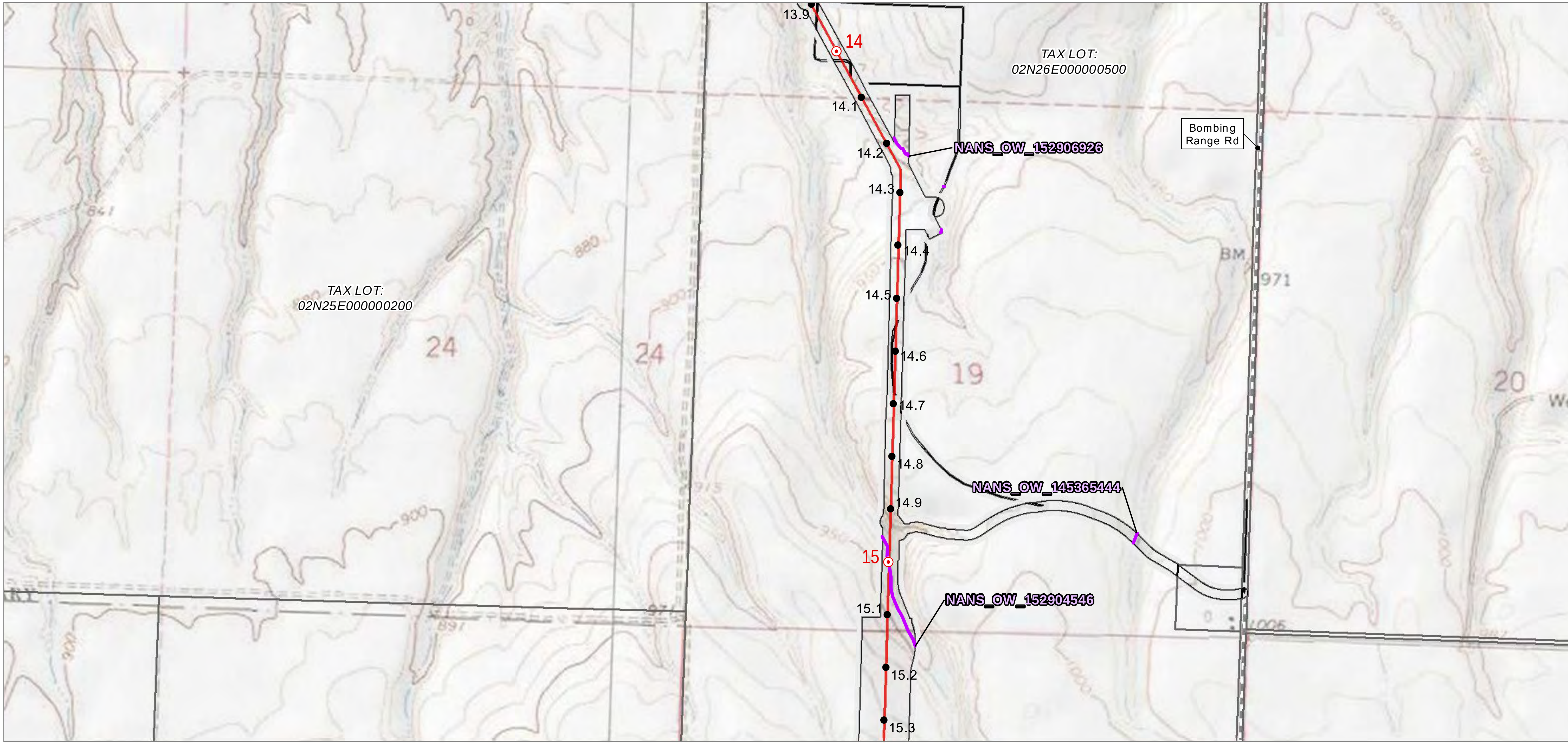
Boardman to Hemingway
Transmission Line Project

Appendix C-3

Wetland and Other Waters
Impact Sites, Tax Lots and Locations
Detail Maps
Morrow County



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Feet

Map Area

OREGON

PROJECT AREA

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

December 2016

Project Features
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Proposed Route
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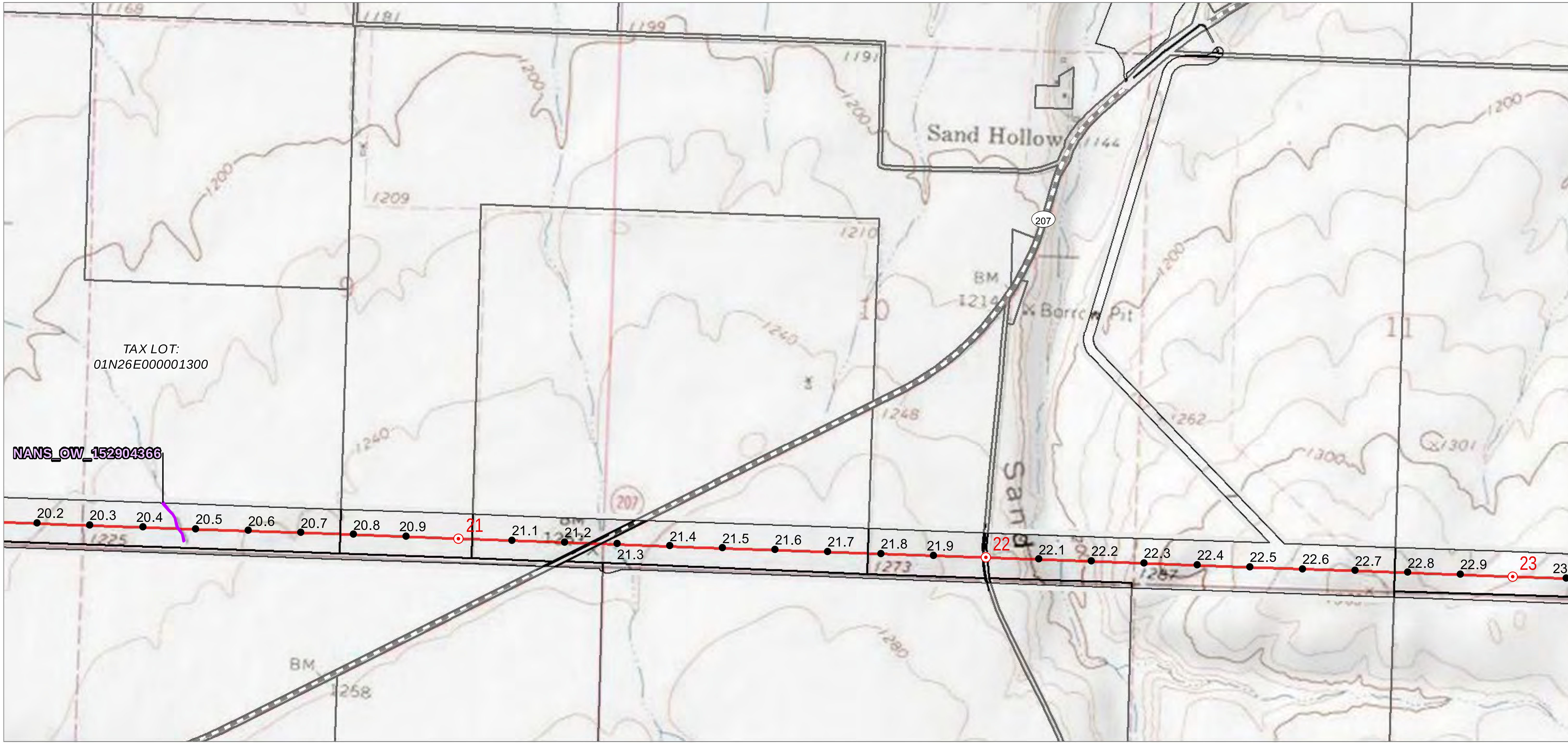
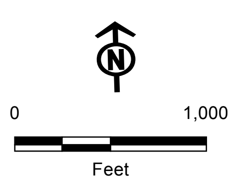
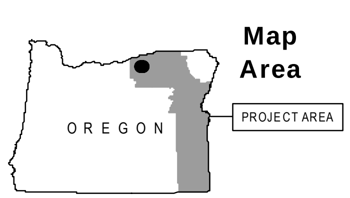
Proposed Route
Mileposts
Mile
Tenth-mile
Transportation
Other Major Roads
Other Waters
NANS Streams (NHD)

Boardman to Hemingway
Transmission Line Project

Appendix C-4
Wetland and Other Waters
Impact Sites, Tax Lots and Locations
Detail Maps
Morrow County







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

December 2016

Project Features

Site Boundary

Proposed Route

Route Centerline

Proposed Route

Mileposts

Mile

Tenth-mile

Transportation

Other Major Roads

Other Waters

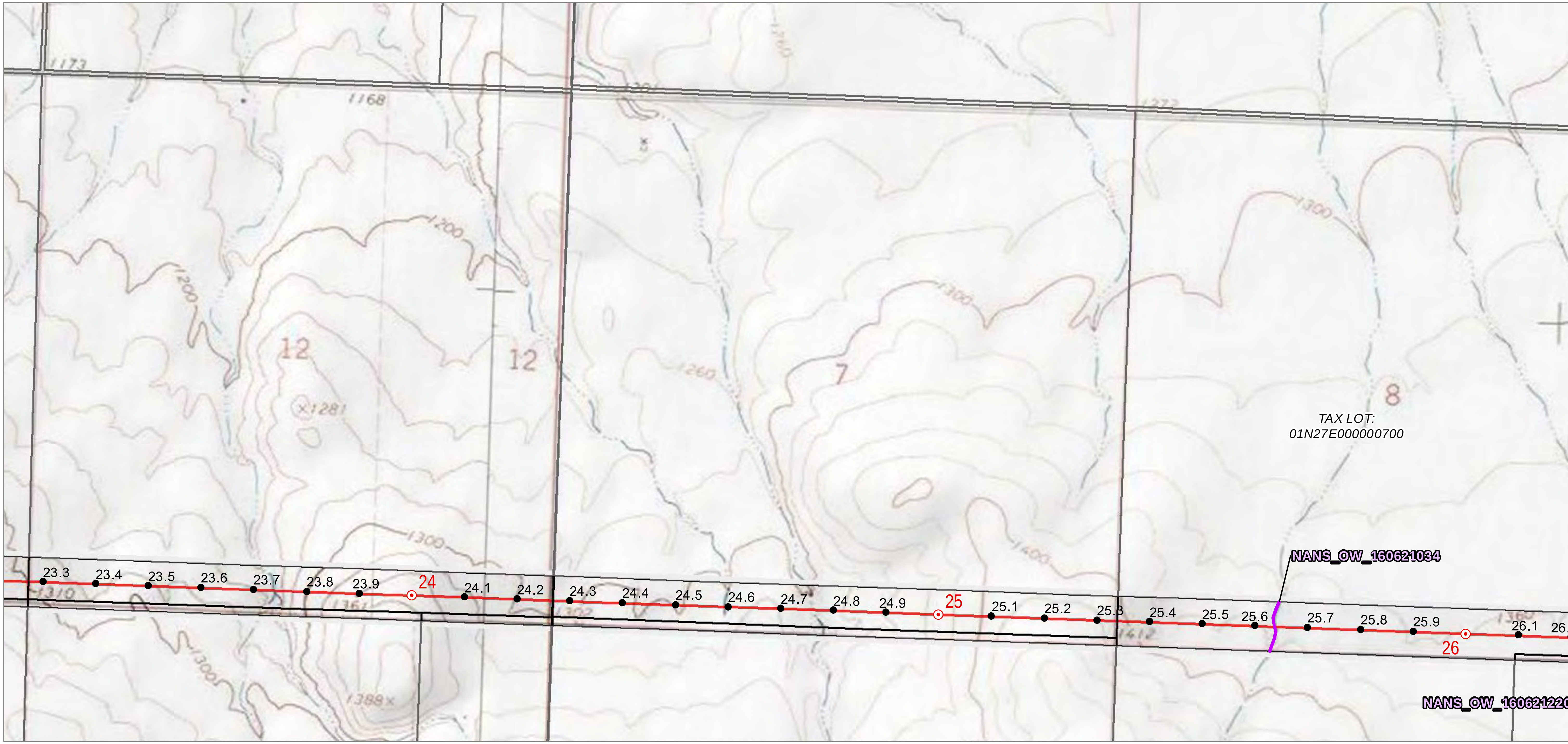
NANS Streams (NHD)

Boardman to Hemingway Transmission Line Project

Appendix C-5

Wetland and Other Waters Impact Sites, Tax Lots and Locations Detail Maps

Morrow County



Map Area

OREGON

PROJECT AREA

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Feet

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

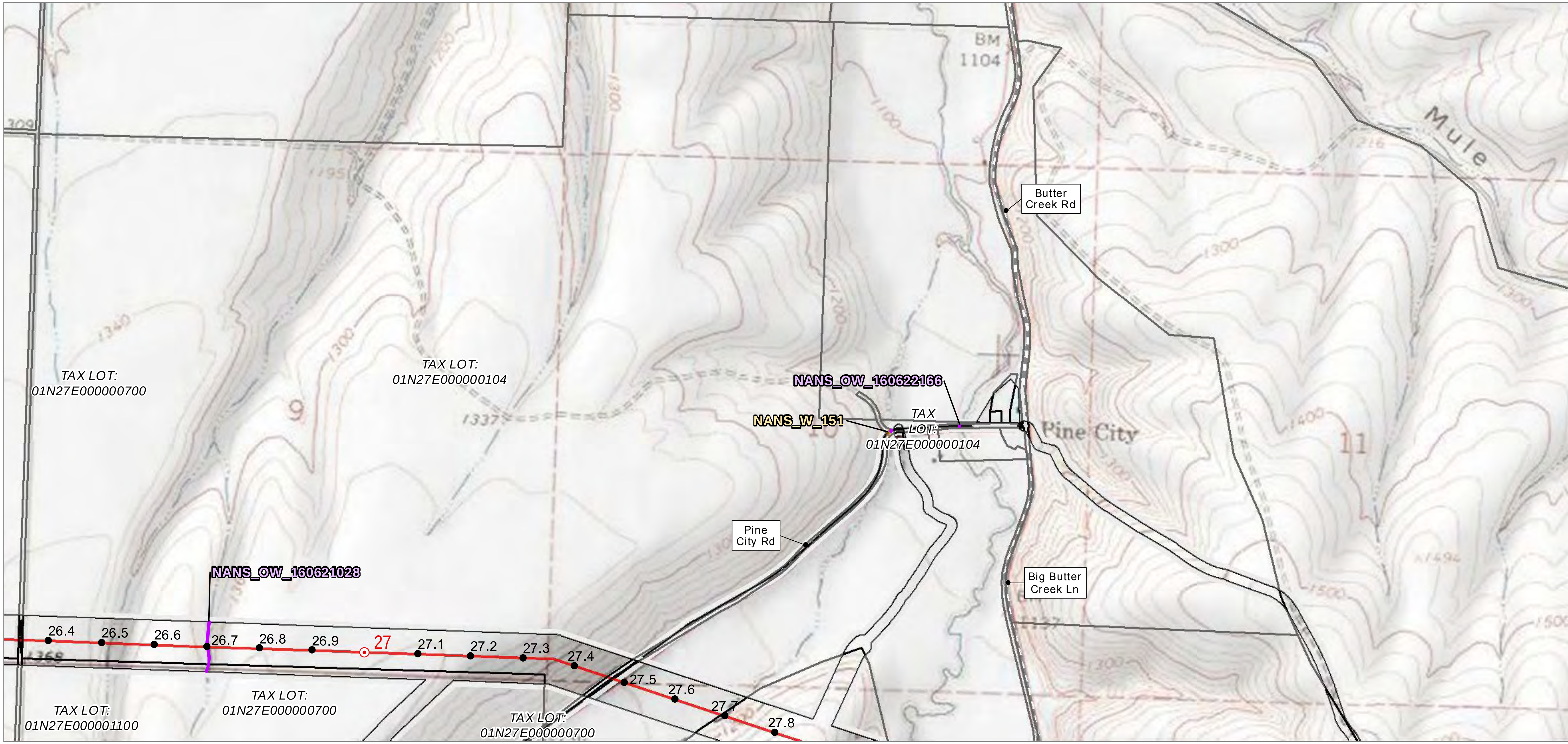
Project Features
Site Boundary
Proposed Route
Route Centerline
Proposed Route
Mileposts
Mile
Tenth-mile
Other Waters
NANS Streams (NHD)

IDAHO POWER
An IDACORP Company

Boardman to Hemingway Transmission Line Project

Appendix C-6
Wetland and Other Waters Impact Sites, Tax Lots and Locations Detail Maps
Morrow County

December 2016



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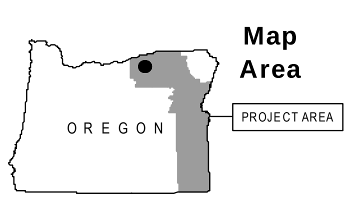

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December 2016

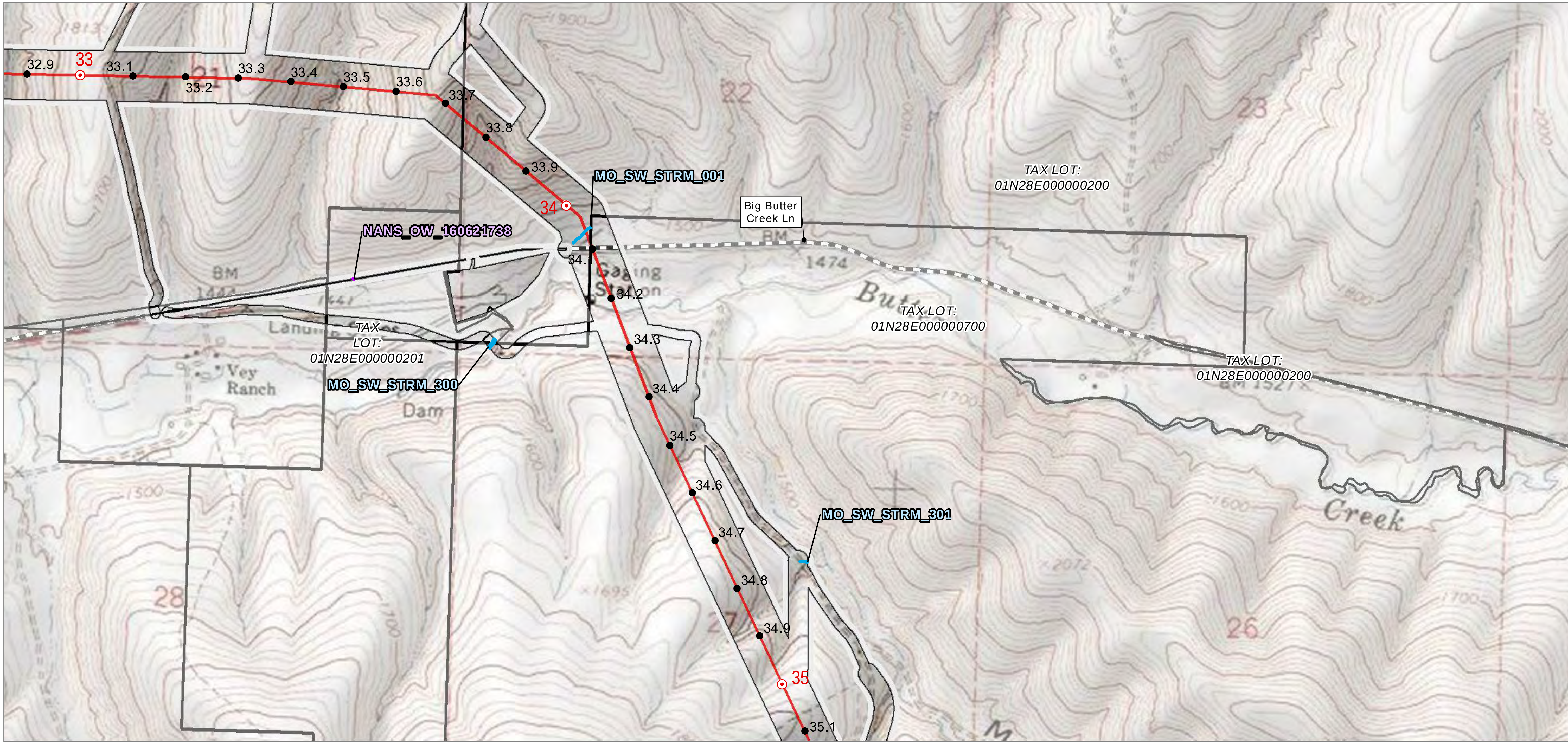
Project Features
Site Boundary
Proposed Route
Route Centerline
Proposed Route
Mileposts
Mile

Tenth-mile
Transportation
Other Major Roads
Other Waters
NANS Streams (NHD)

Wetland
NANS Wetland (NWI)

Boardman to Hemingway Transmission Line Project

Appendix C-7
Wetland and Other Waters Impact Sites, Tax Lots and Locations Detail Maps
Morrow County



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Feet

Map Area

OREGON

PROJECT AREA

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

December 2016

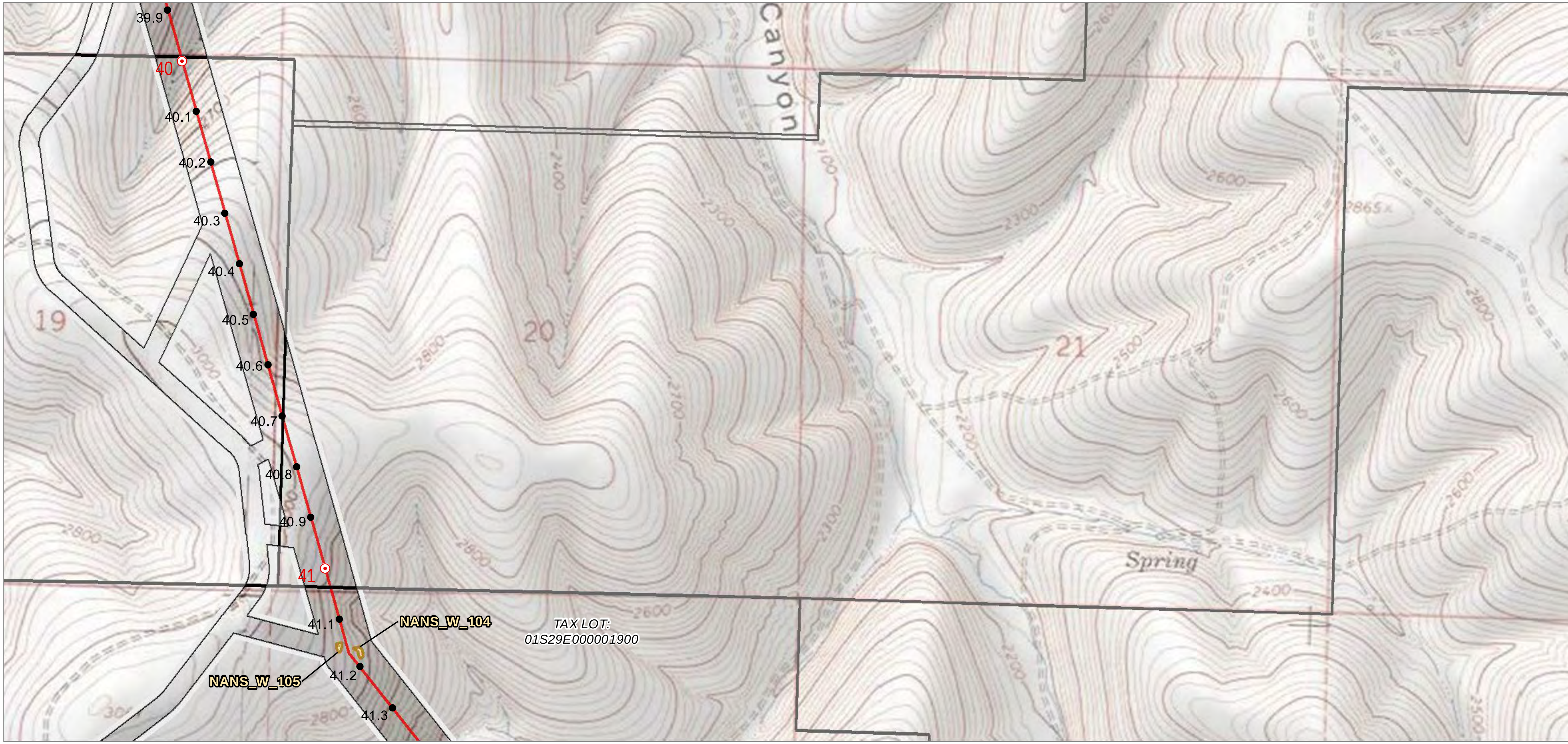
Project Features
Site Boundary
Proposed Route
Route Centerline
Proposed Route
Mileposts
Mile
Tenth-mile
Transportation
Other Major Roads
Other Waters
Field Survey Streams
NANS Streams (NHD)

Boardman to Hemingway Transmission Line Project

Appendix C-8

Wetland and Other Waters Impact Sites, Tax Lots and Locations Detail Maps

Morrow County



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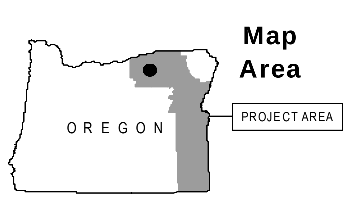
Feet



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December 2016

Project Features

Site Boundary

Proposed Route

Route Centerline

Proposed Route

Mileposts

Mile

Tenth-mile

Wetland

NANS Wetland (NWI)

IDAHO POWER. An IDACORP Company

Boardman to Hemingway Transmission Line Project

Appendix C-14

Wetland and Other Waters Impact Sites, Tax Lots and Locations Detail Maps

Morrow County

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

IDAHO POWER. An IDACORP Company

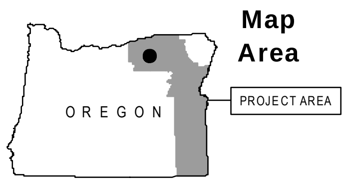
Boardman to Hemingway Transmission Line Project

Appendix C-22

Wetland and Other Waters Impact Sites, Tax Lots and Locations Detail Maps

Morrow County

December 2016



Map Area

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Feet

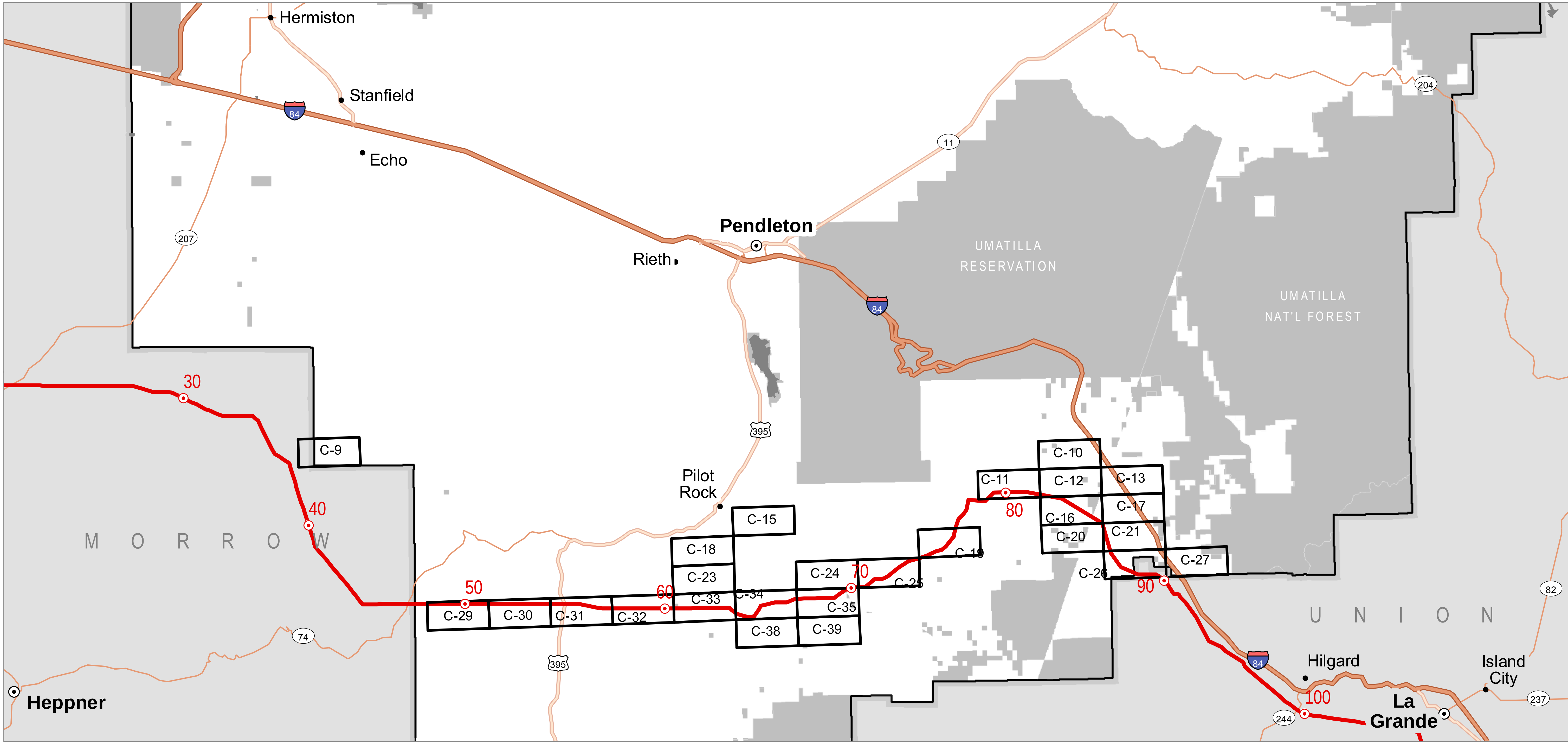
Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, Earthstar Geographics, CNES/Airbus DS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo

Project Features
Site Boundary
Proposed Route
Route Centerline
Proposed Route
Mileposts
Mile
Tenth-mile
Transportation
Other Major Roads
Other Waters
NANS Streams (NHD)

Boardman to Hemingway Transmission Line Project

Appendix C-28
Wetland and Other Waters Impact Sites, Tax Lots and Locations Detail Maps
Morrow County

December 2016



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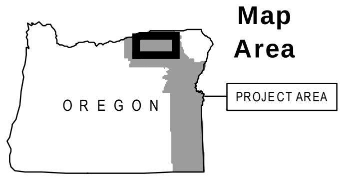
Miles



Map Area

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

December 2016

Project Features
- Proposed Route
- Ten Mile Marker

Map Index
- Map Tile (Map #)

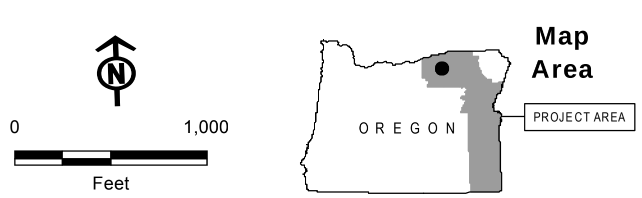
IDAHO POWER. An IDACORP Company

Boardman to Hemingway Transmission Line Project

Appendix C
Joint Permit Application
Location Map

Umatilla County

Map Index



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December 2016

Project Features

Site Boundary

Proposed Route

Transportation

Other Major Roads

Other Waters

Field Survey Streams

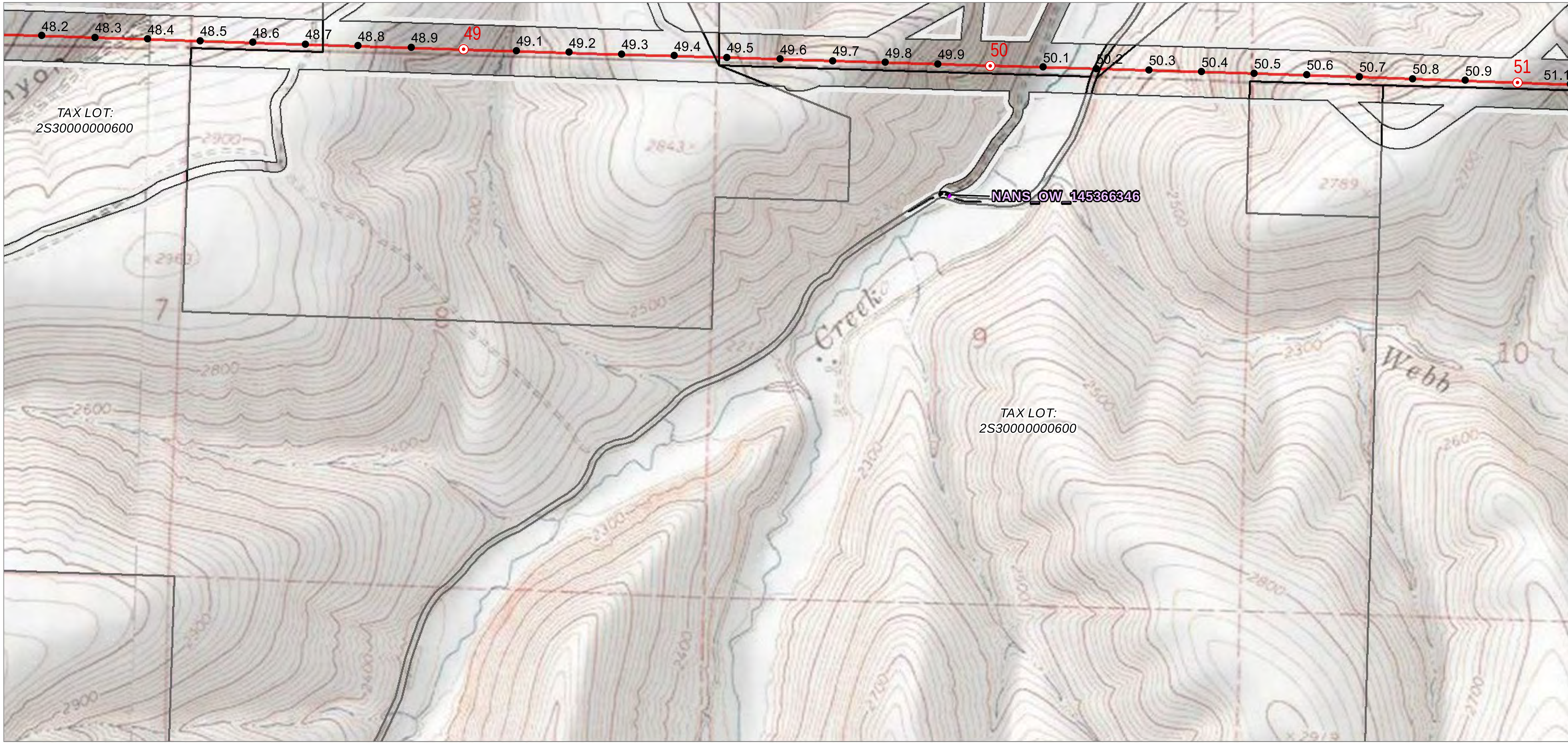
NANS Streams (NHD)

Boardman to Hemingway Transmission Line Project

Appendix C-9

Wetland and Other Waters Impact Sites, Tax Lots and Locations Detail Maps

Umatilla County



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Feet

Map Area

OREGON

PROJECT AREA

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

December 2016

Project Features

Site Boundary

Proposed Route

Route Centerline

Proposed Route

Mileposts

Mile

Tenth-mile

Other Waters

NANS Streams (NHD)

Boardman to Hemingway Transmission Line Project

Appendix C-29

Wetland and Other Waters Impact Sites, Tax Lots and Locations Detail Maps

Umatilla County

0 1,000
Feet

Map Area
OREGON
PROJECT AREA

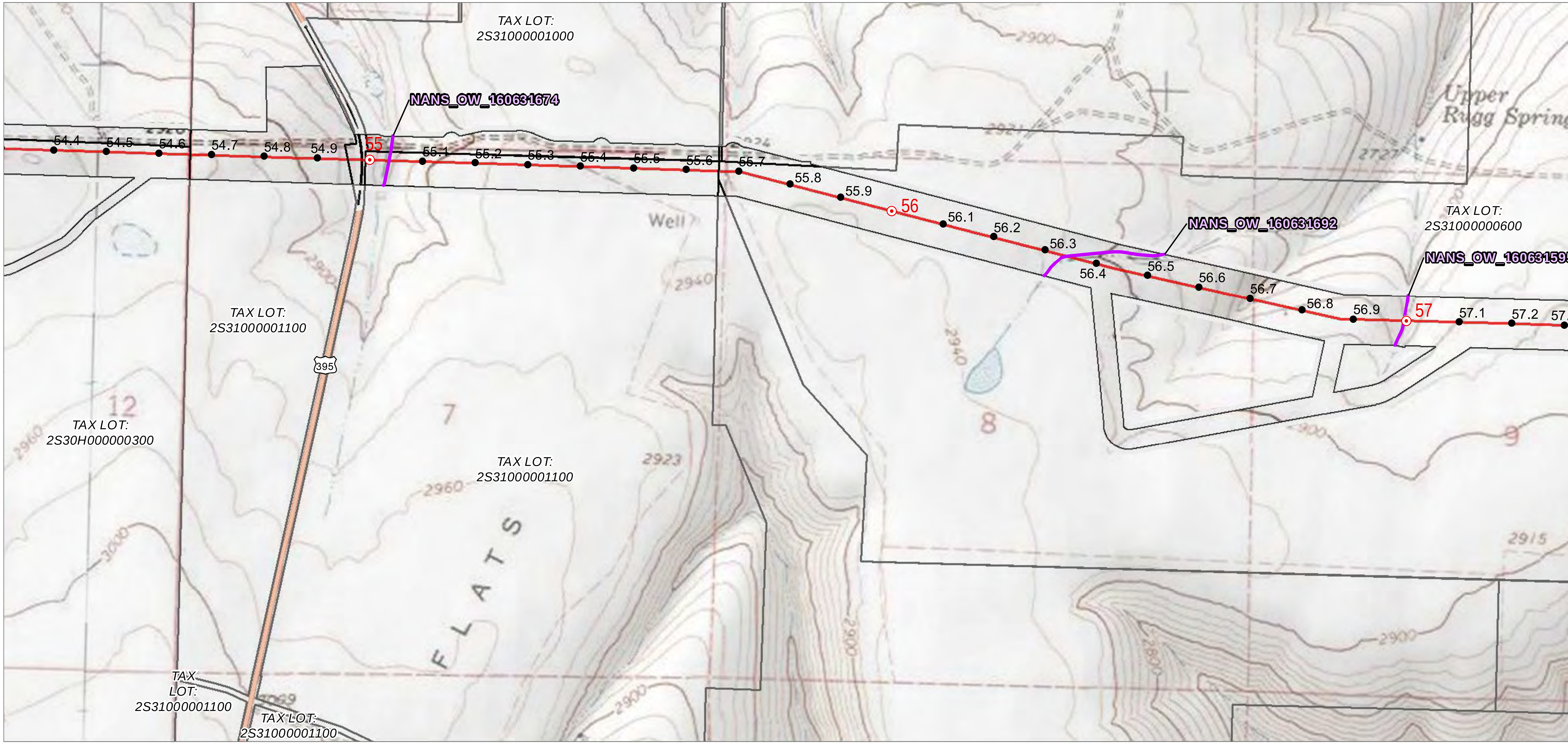
Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, Earthstar Geographics, CNES/Airbus DS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo

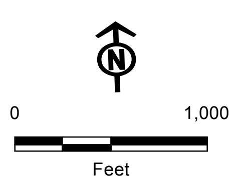
Project Features
Site Boundary
Proposed Route
Route Centerline
Proposed Route
Mileposts
Mile
Tenth-mile
Other Waters
NANS Streams (NHD)

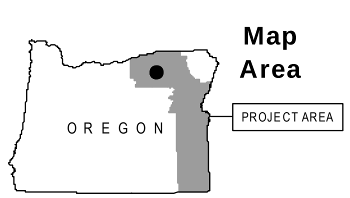
Boardman to Hemingway Transmission Line Project

Appendix C-30
Wetland and Other Waters Impact Sites, Tax Lots and Locations Detail Maps
Umatilla County

December 2016







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December 2016

Project Features

Site Boundary

Proposed Route

Route Centerline

Proposed Route

Mileposts

Mile

Tenth-mile

Transportation

Interstates or Highways

Other Waters

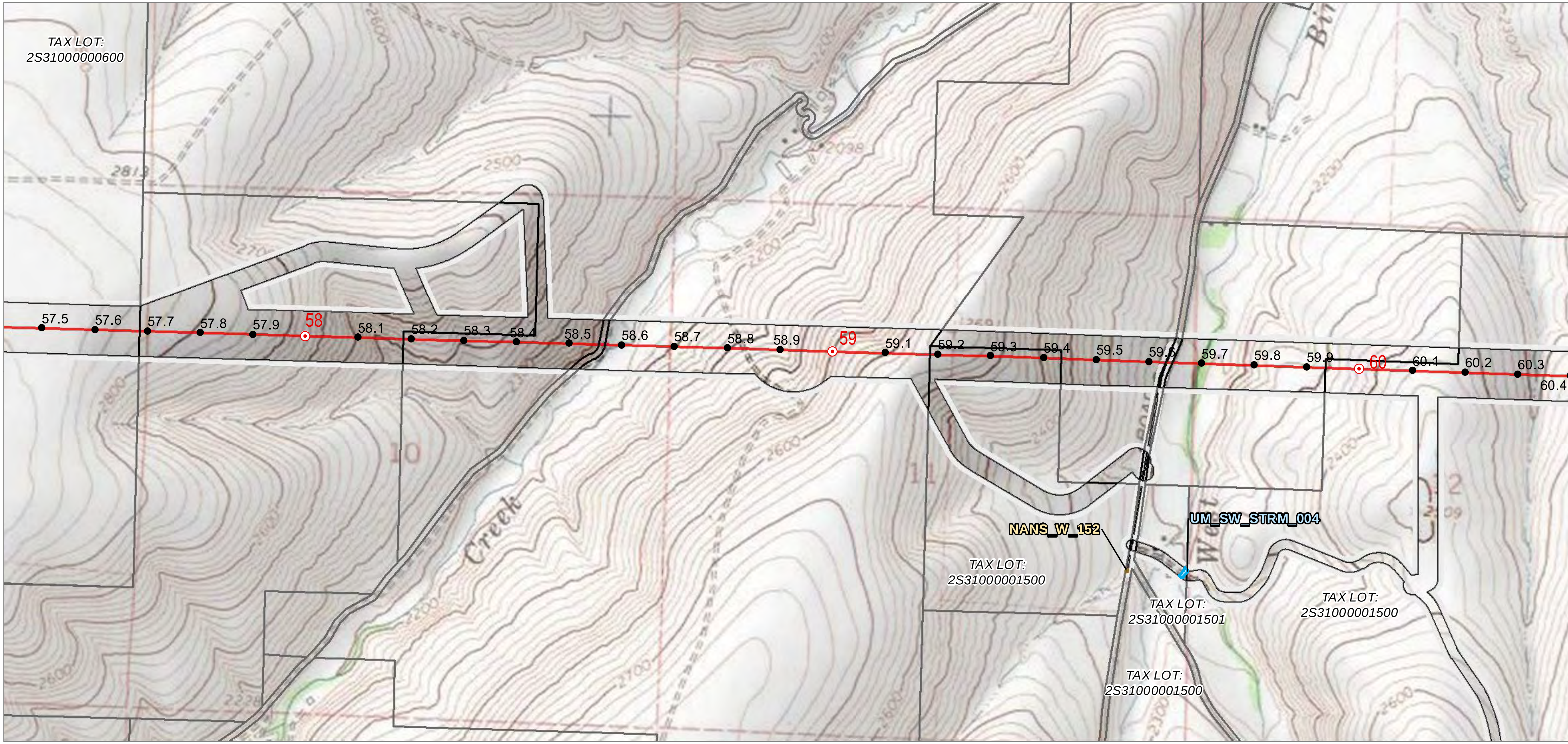
NANS Streams (NHD)

Boardman to Hemingway Transmission Line Project

Appendix C-31

Wetland and Other Waters Impact Sites, Tax Lots and Locations Detail Maps

Umatilla County



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Feet

Map Area

OREGON

PROJECT AREA

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

December 2016

Project Features

Site Boundary

Proposed Route

Route Centerline

Proposed Route

Mileposts

Mile

Tenth-mile

Other Waters

Field Survey Streams

Wetland

NANS Wetland (NWI)

IDAHO POWER
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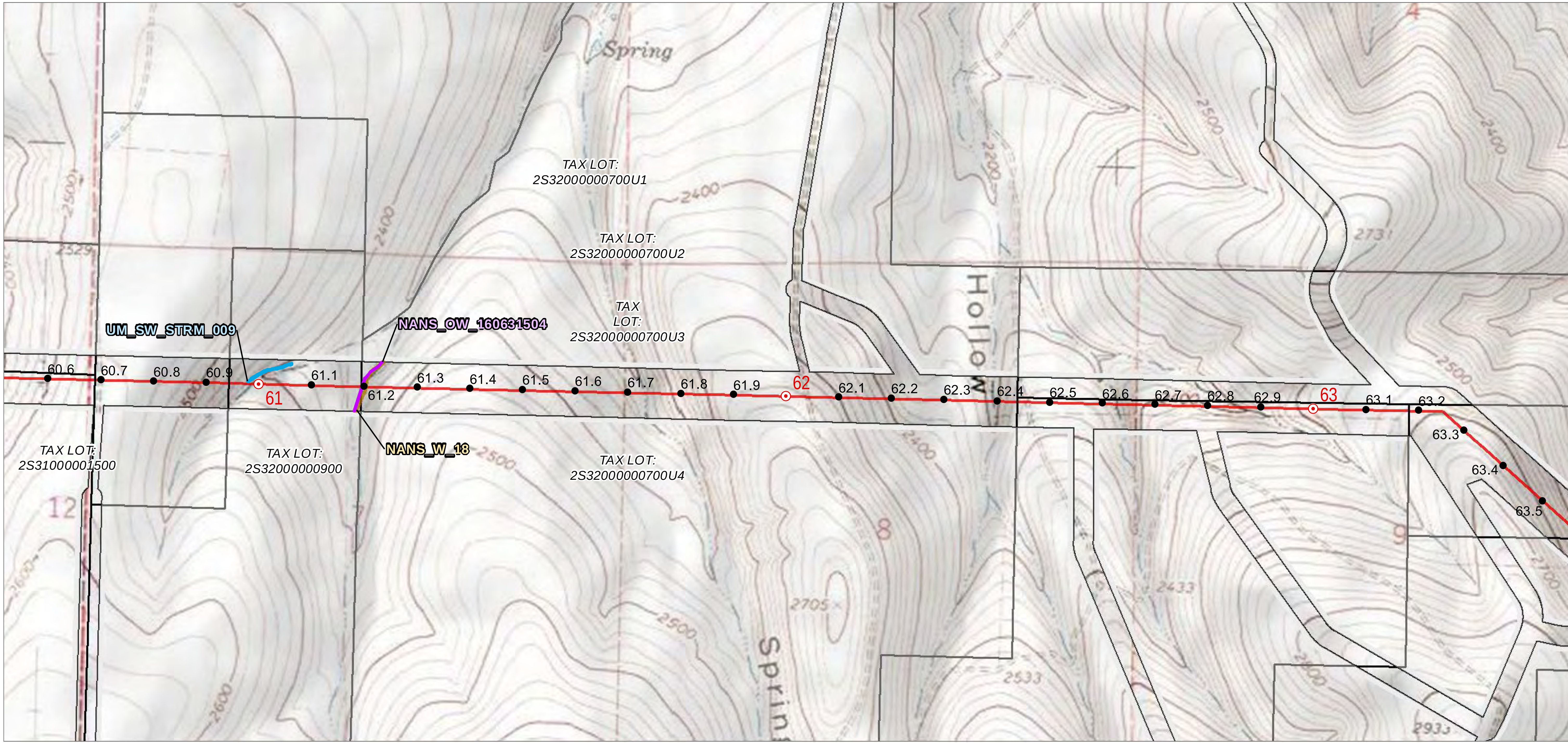
Boardman to Hemingway Transmission Line Project

Appendix C-32

Wetland and Other Waters Impact Sites, Tax Lots and Locations Detail Maps

Umatilla County



Map
Area

OREGON

PROJECT AREA

0 1,000
Feet

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

December 2016

Project Features
Site Boundary
Proposed Route
Route Centerline
Proposed Route
Mileposts
Mile

Tenth-mile
Other Waters
Field Survey Streams
NANS Streams (NHD)
Wetland
NANS Wetland (NWI)

Boardman to Hemingway
Transmission Line Project

Appendix C-33

Wetland and Other Waters
Impact Sites, Tax Lots and Locations
Detail Maps
Umatilla County

0 1,000
Feet

Map Area
OREGON
PROJECT AREA

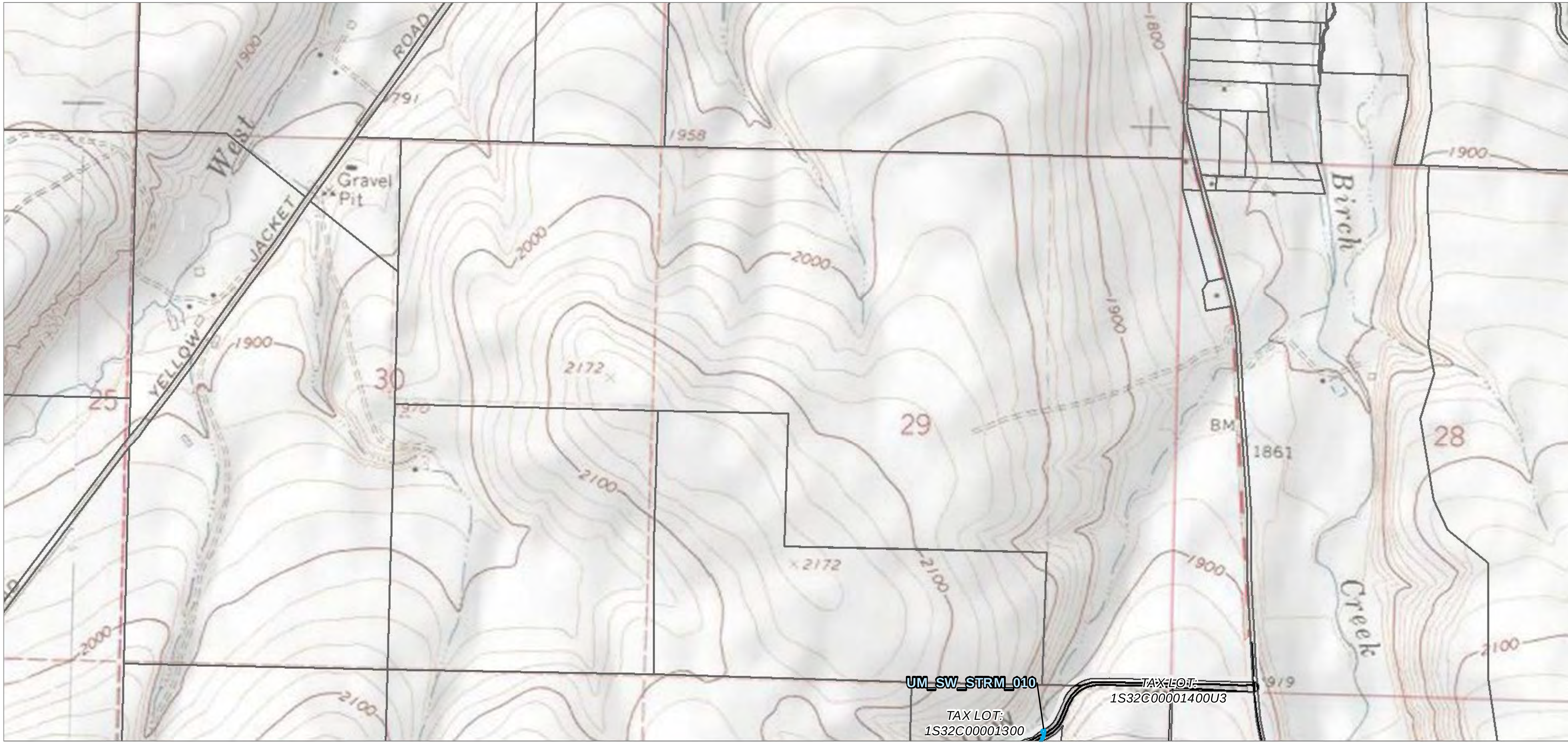
Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, Earthstar Geographics, CNES/Airbus DS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo

December 2016

Project Features
Site Boundary
Proposed Route
Other Waters
Field Survey Streams
NANS Streams (NHD)
Wetland
NANS Wetland (NWI)

Boardman to Hemingway
Transmission Line Project

Appendix C-23
Wetland and Other Waters
Impact Sites, Tax Lots and Locations
Detail Maps
Umatilla County



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Feet

Map Area

OREGON

PROJECT AREA

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

December 2016

Project Features
Site Boundary
Proposed Route
Other Waters
Field Survey Streams

IDAHO POWER. An IDACORP Company

Boardman to Hemingway Transmission Line Project

Appendix C-18

Wetland and Other Waters Impact Sites, Tax Lots and Locations Detail Maps

Umatilla County

Project Features

Site Boundary

Proposed Route

Other Waters

NANS Streams (NHD)

Wetland

NANS Wetland (NWI)

0 1,000

Feet

Map Area

OREGON

PROJECT AREA

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

IDAHO POWER An IDACORP Company

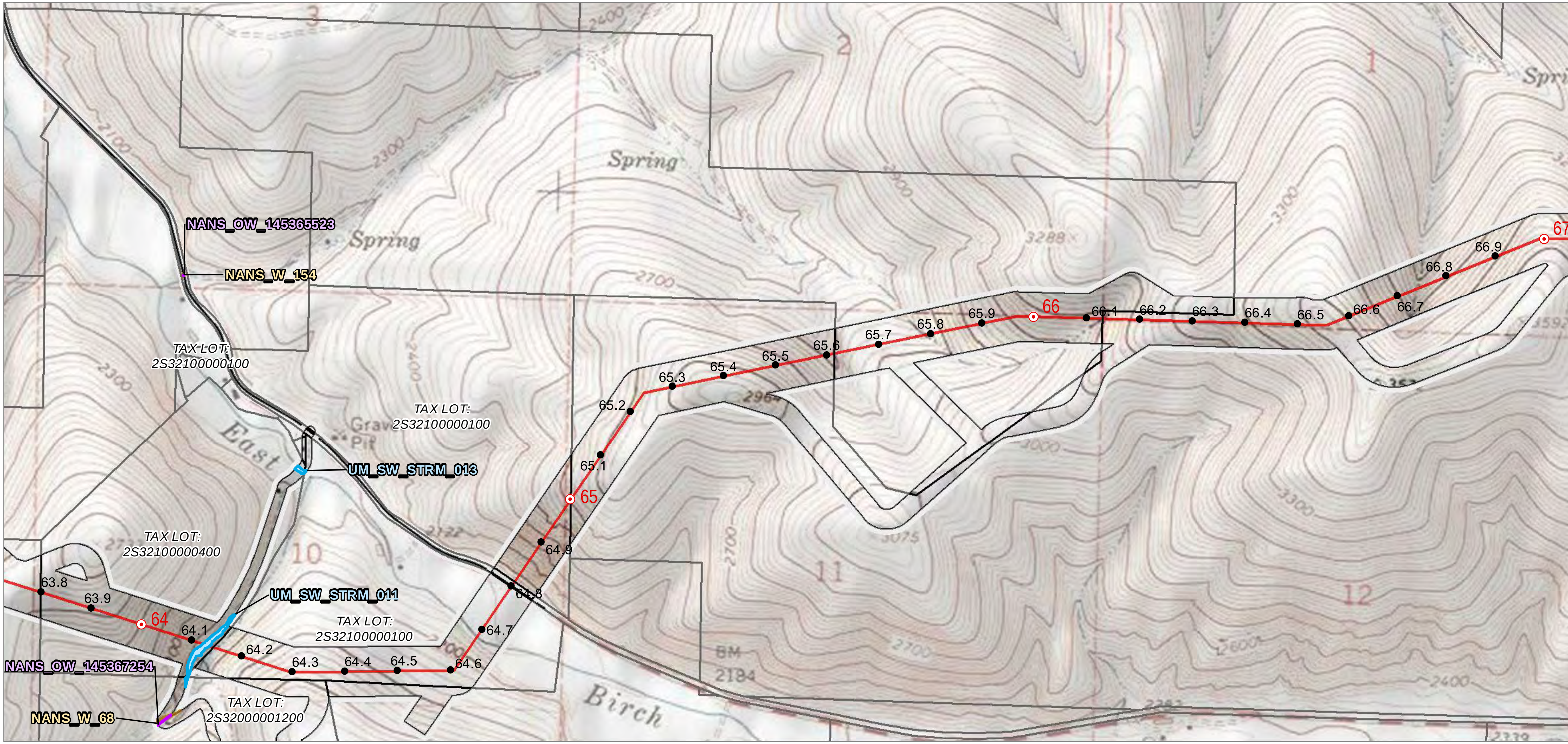
Boardman to Hemingway Transmission Line Project

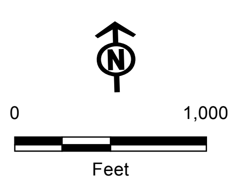
Appendix C-15

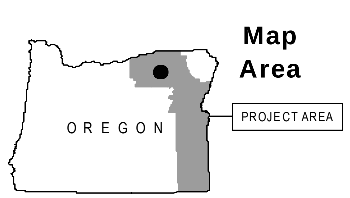
Wetland and Other Waters Impact Sites, Tax Lots and Locations Detail Maps

Umatilla County

December 2016







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December 2016

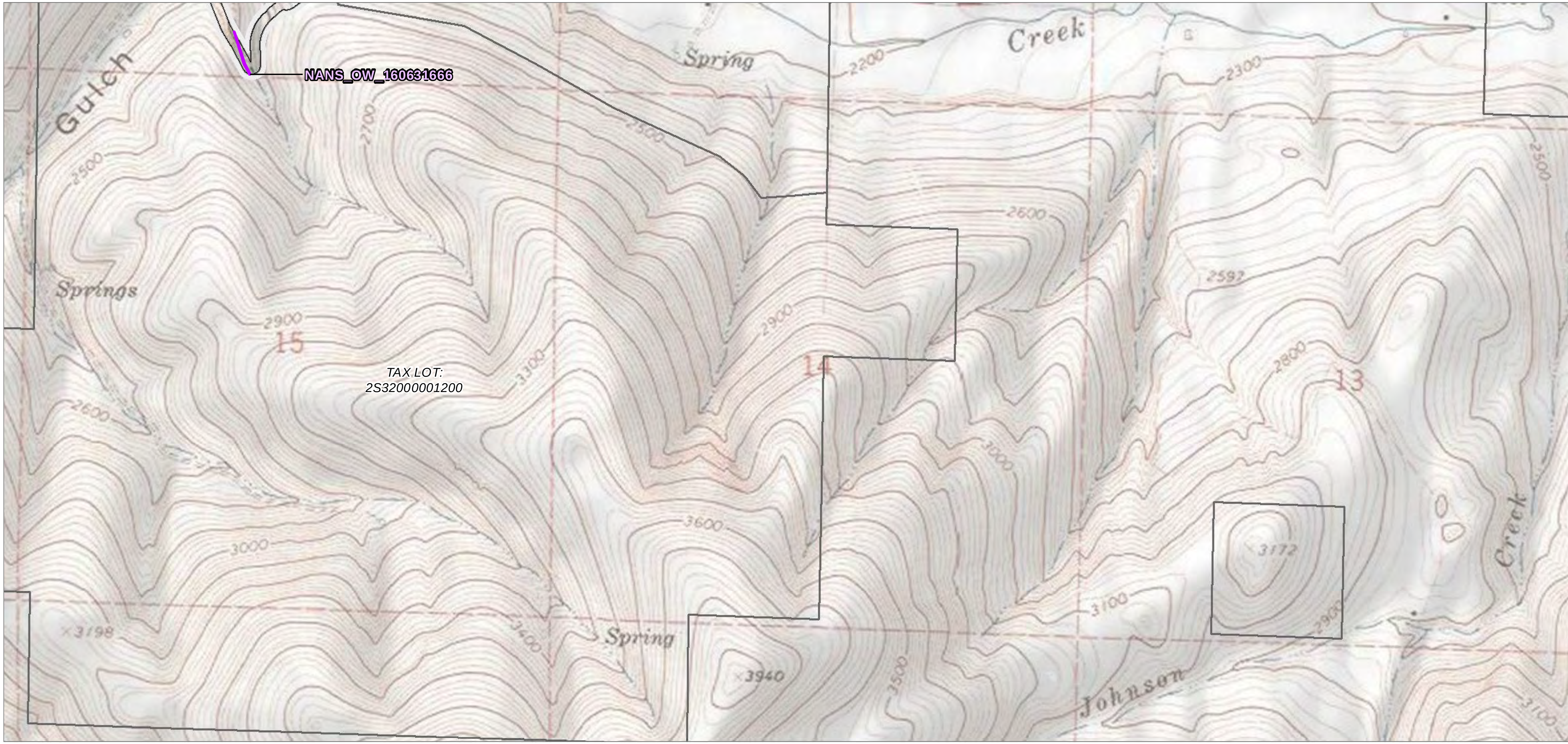
Project Features
Site Boundary
Proposed Route
Route Centerline
Proposed Route
Mileposts
Mile
Tenth-mile
Other Waters
Field Survey Streams
NANS Streams (NHD)
Wetland
NANS Wetland (NWI)

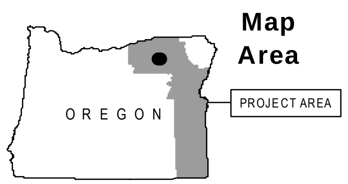
Boardman to Hemingway Transmission Line Project

Appendix C-34

Wetland and Other Waters Impact Sites, Tax Lots and Locations Detail Maps

Umatilla County





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Feet

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December 2016

Project Features
Site Boundary
Proposed Route
Other Waters
NANS Streams (NHD)

Boardman to Hemingway Transmission Line Project

Appendix C-38
Wetland and Other Waters Impact Sites, Tax Lots and Locations Detail Maps
Umatilla County

Map Area

OREGON

PROJECT AREA

0 1,000

Feet

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

December 2016

Project Features

Site Boundary

Proposed Route

Other Waters

Field Survey Streams

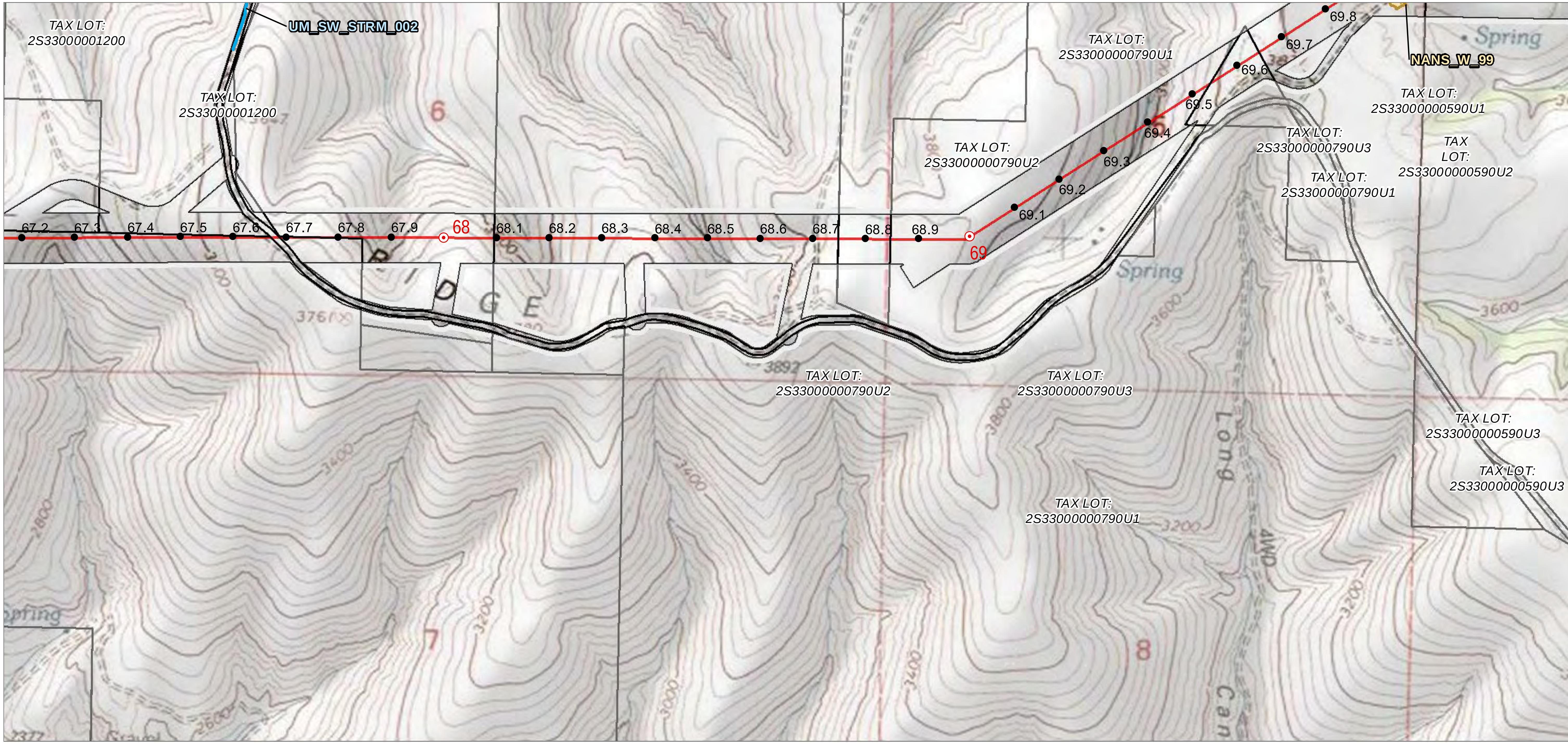
IDAHO POWER. An IDACORP Company

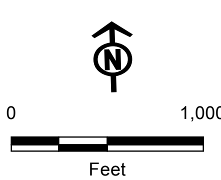
Boardman to Hemingway Transmission Line Project

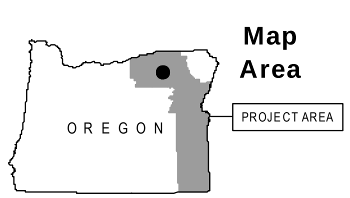
Appendix C-39

Wetland and Other Waters Impact Sites, Tax Lots and Locations Detail Maps

Umatilla County







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December 2016

Project Features

Site Boundary

Proposed Route

Route Centerline

Proposed Route

Mileposts

Mile

Tenth-mile

Other Waters

Field Survey Streams

Wetland

NANS Wetland (NWI)

Boardman to Hemingway Transmission Line Project

Appendix C-35
Wetland and Other Waters Impact Sites, Tax Lots and Locations Detail Maps
Umatilla County

0 1,000
Feet

Map Area
OREGON
PROJECT AREA

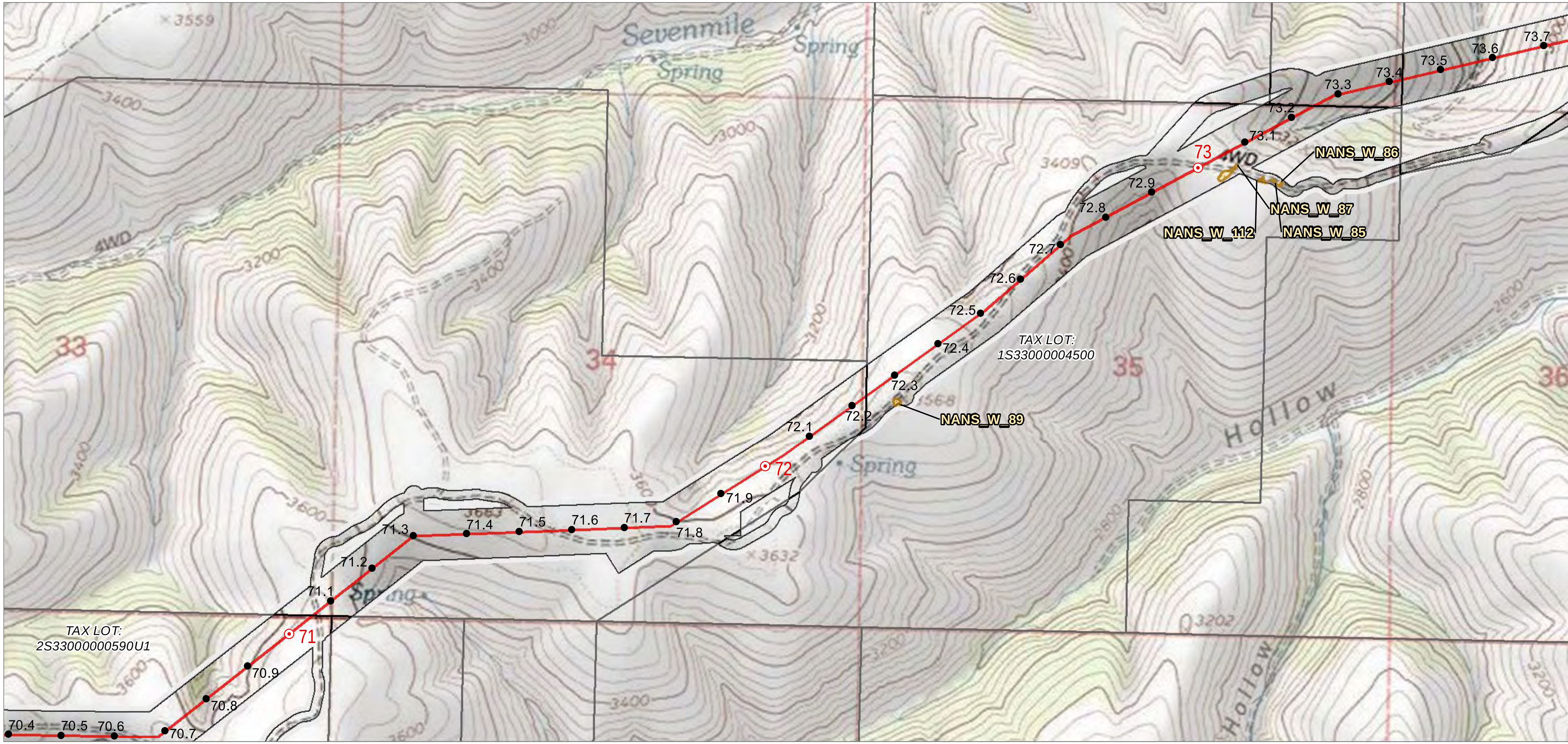
Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, Earthstar Geographics, CNES/Airbus DS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo

December 2016

Project Features
Site Boundary
Proposed Route
Route Centerline
Proposed Route
Mileposts
Mile
Tenth-mile
Other Waters
Field Survey Streams
Wetland
NANS Wetland (NWI)

Boardman to Hemingway Transmission Line Project

Appendix C-24
Wetland and Other Waters Impact Sites, Tax Lots and Locations Detail Maps
Umatilla County



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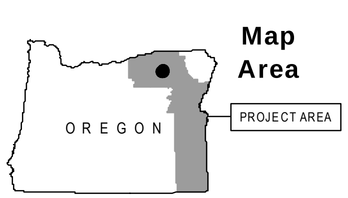

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December 2016

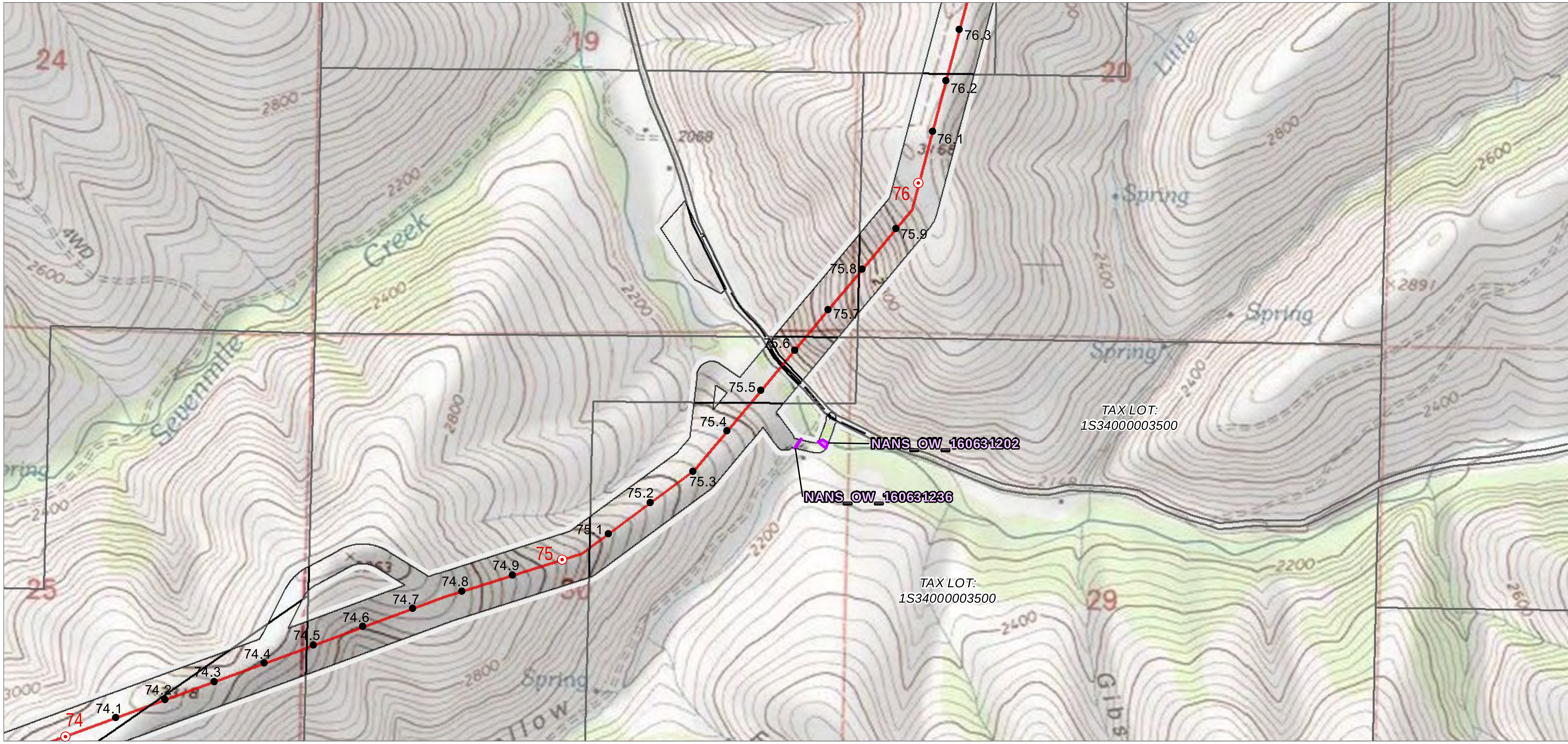
Project Features
Site Boundary
Proposed Route
Route Centerline
Proposed Route
Mileposts
Mile

Tenth-mile
Wetland
NANS Wetland (NWI)

IDAHO POWER. An IDACORP Company

Boardman to Hemingway Transmission Line Project

Appendix C-25
Wetland and Other Waters Impact Sites, Tax Lots and Locations Detail Maps
Umatilla County



0 1,000
Feet

Map Area
OREGON
PROJECT AREA

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

December 2016

Project Features
Site Boundary
Proposed Route
Route Centerline
Proposed Route
Mileposts
Mile
Tenth-mile
Other Waters
NANS Streams (NHD)

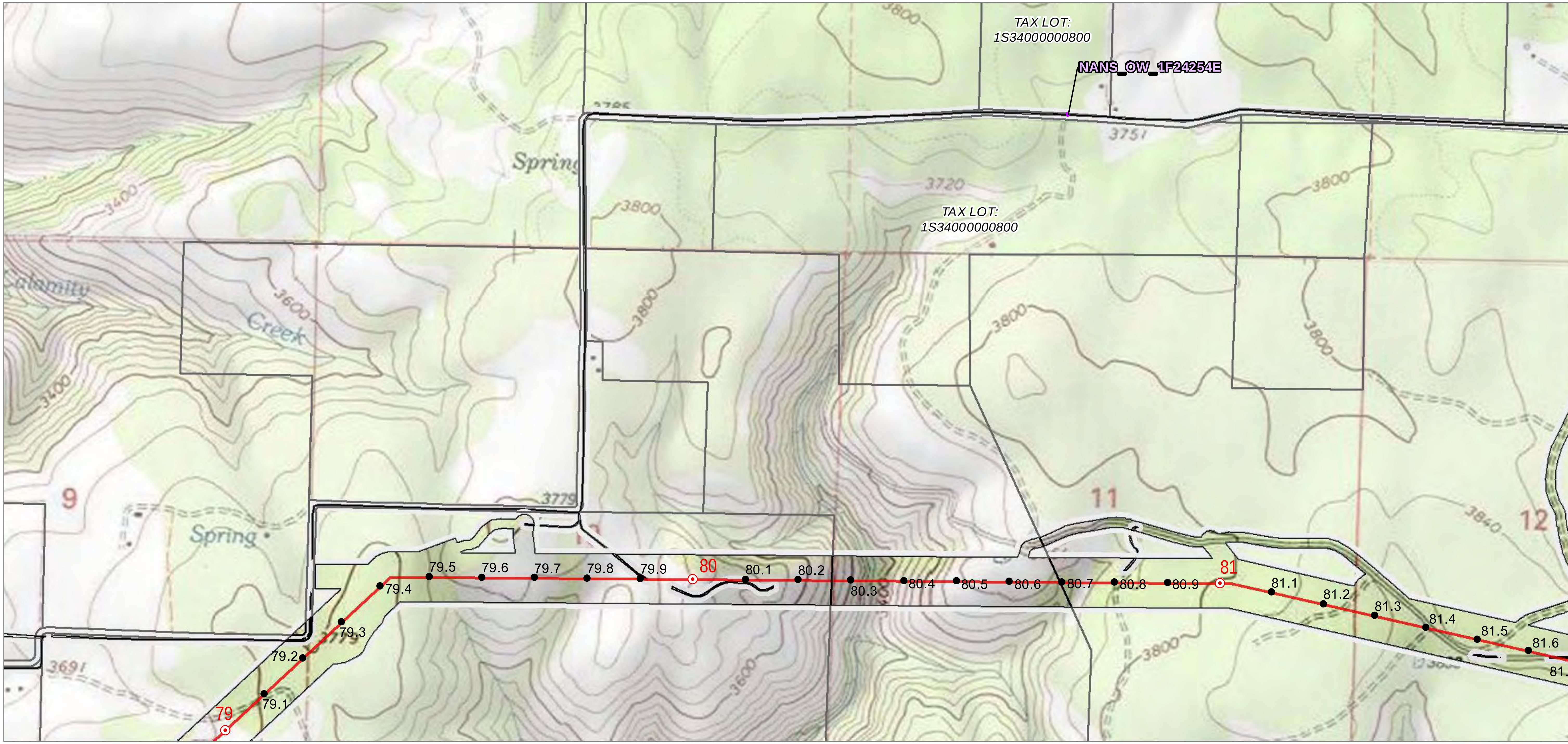
IDAHO POWER An IDACORP Company

Boardman to Hemingway Transmission Line Project

Appendix C-19

Wetland and Other Waters Impact Sites, Tax Lots and Locations Detail Maps

Umatilla County



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Feet

Map Area
OREGON
PROJECT AREA

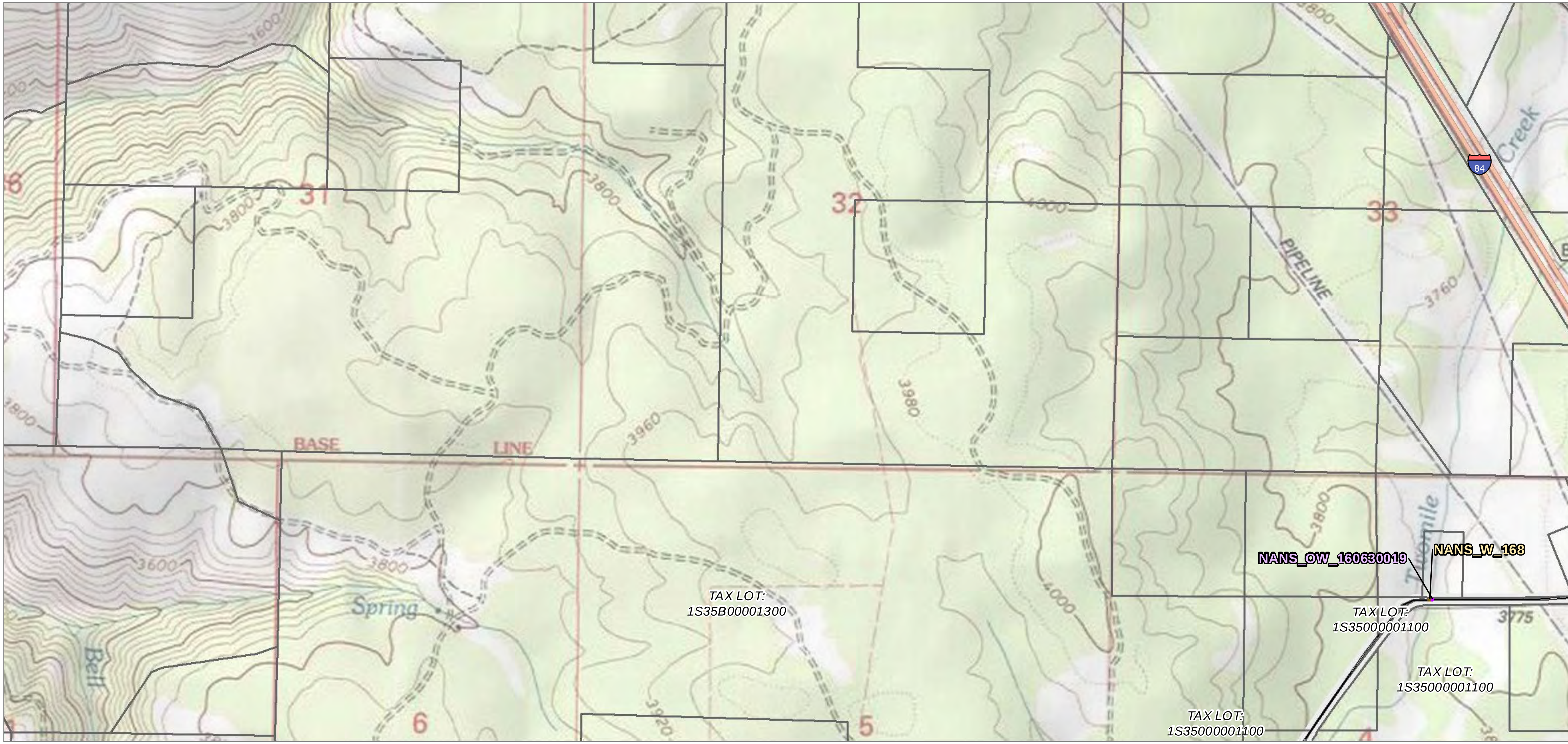
Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, Earthstar Geographics, CNES/Airbus DS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo

December 2016

Project Features
Site Boundary
Proposed Route
Route Centerline
Proposed Route
Mileposts
Mile
Tenth-mile
Other Waters
NANS Streams (NHD)

Boardman to Hemingway Transmission Line Project

Appendix C-11
Wetland and Other Waters Impact Sites, Tax Lots and Locations Detail Maps
Umatilla County



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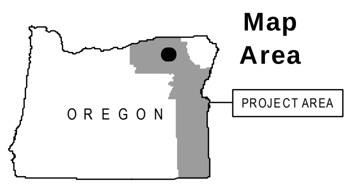
Feet



Map Area

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December 2016

Project Features

Transportation

Interstates or Highways

Other Waters

NANS Streams (NHD)

Wetland

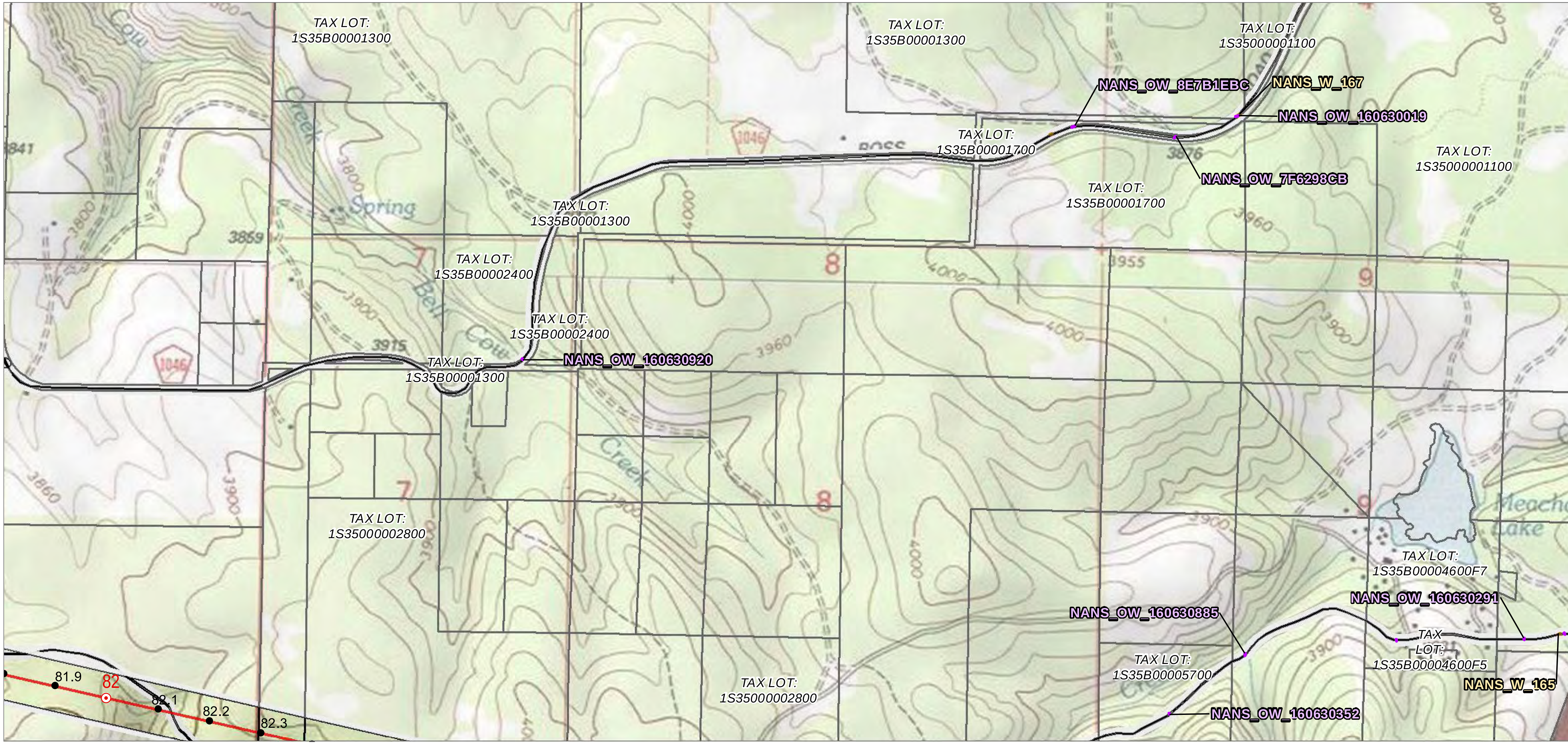
NANS Wetland (NWI)

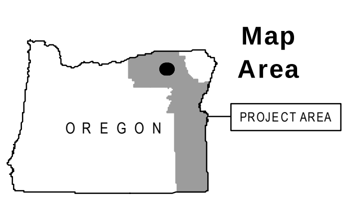
Boardman to Hemingway Transmission Line Project

Appendix C-10

Wetland and Other Waters Impact Sites, Tax Lots and Locations Detail Maps

Umatilla County





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

December 2016

Project Features
Site Boundary
Proposed Route
Route Centerline
Proposed Route
Mileposts
Mile

Tenth-mile
Other Waters
NANS Streams (NHD)
Wetland
NANS Wetland (NWI)

IDAHO POWER. An IDACORP Company

Boardman to Hemingway Transmission Line Project

Appendix C-12

Wetland and Other Waters Impact Sites, Tax Lots and Locations Detail Maps

Umatilla County

Map Area

OREGON

PROJECT AREA

0 1,000
Feet

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

Project Features
Railroads

Transportation
Interstates or Highways

Other Waters
NANS Streams (NHD)

Wetland
NANS Wetland (NWI)

Boardman to Hemingway Transmission Line Project

Appendix C-13

Wetland and Other Waters Impact Sites, Tax Lots and Locations Detail Maps

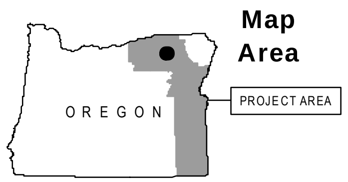
Umatilla County

December 2016

N

0 1,000
Feet

Map Area



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

December 2016

Project Features
Site Boundary
Proposed Route
Route Centerline
Proposed Route
Mileposts
Mile

Tenth-mile
Other Waters
Field Survey Streams
NANS Streams (NHD)
Wetland
Field Survey Wetland

IDAHO POWER. An IDACORP Company

Boardman to Hemingway
Transmission Line Project

Appendix C-16

Wetland and Other Waters
Impact Sites, Tax Lots and Locations
Detail Maps
Umatilla County

Map Area

OREGON

PROJECT AREA

0 1,000

Feet

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

December 2016

Project Features

Site Boundary

Proposed Route

Railroads

Transportation

Interstates or Highways

Other Waters

NANS Streams (NHD)

Wetland

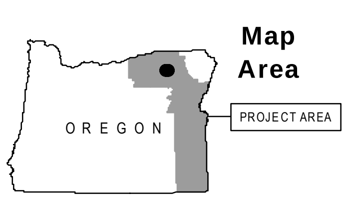
NANS Wetland (NWI)

Boardman to Hemingway Transmission Line Project

Appendix C-17

Wetland and Other Waters Impact Sites, Tax Lots and Locations Detail Maps

Umatilla County



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December 2016

Project Features
Site Boundary
Proposed Route
Route Centerline
Proposed Route
Mileposts
Tenth-mile

Other Waters
NANS Streams (NHD)

IDAHO POWER. An IDACORP Company

Boardman to Hemingway
Transmission Line Project

Appendix C-20

Wetland and Other Waters
Impact Sites, Tax Lots and Locations
Detail Maps
Umatilla County

N

0 1,000
Feet

Map Area

OREGON

PROJECT AREA

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

December 2016

Project Features

Site Boundary
Proposed Route

Route Centerline
Proposed Route
Railroads

Mileposts
Mile
Tenth-mile

Transportation
Interstates or Highways

Other Waters
NANS Streams (NHD)

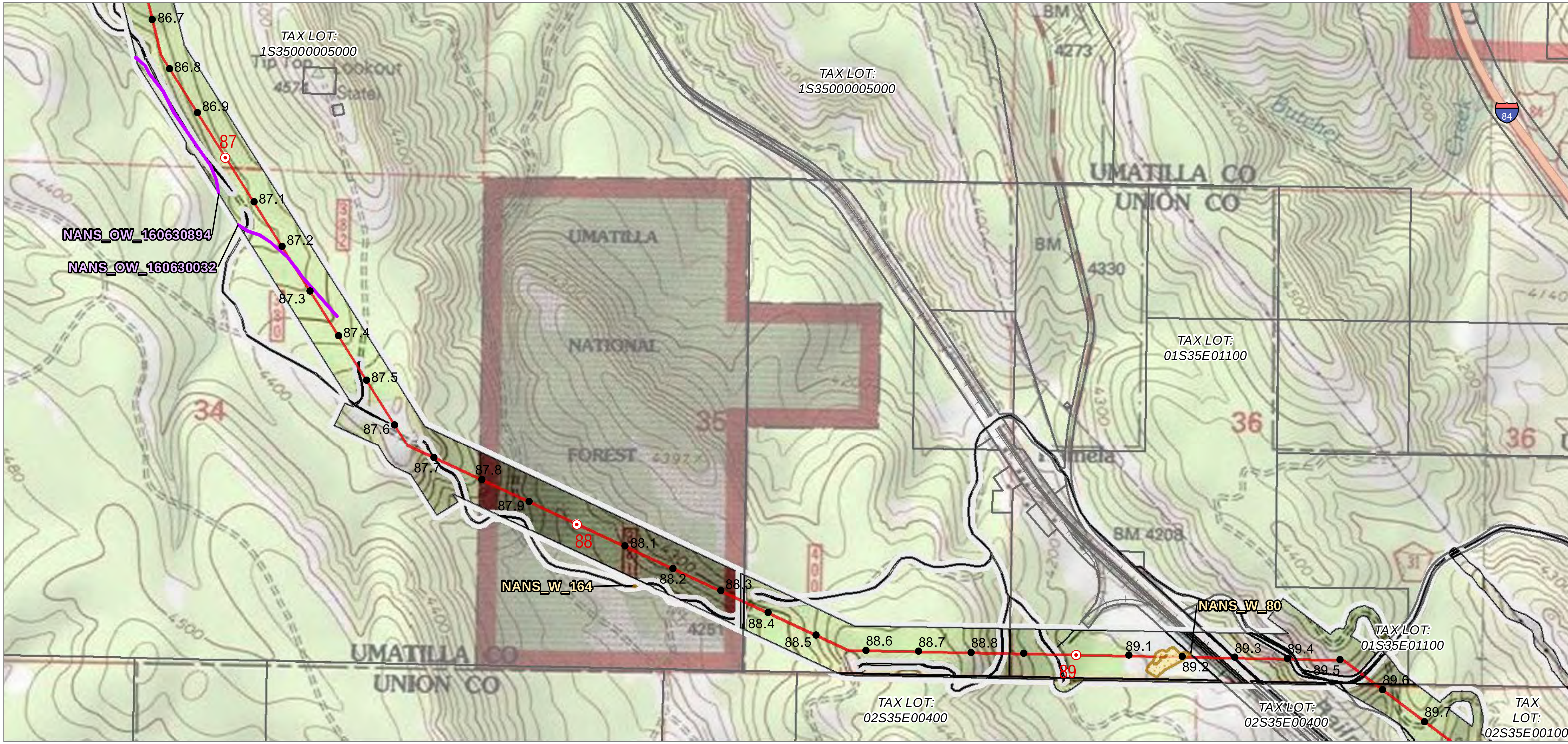
IDAHO POWER. An IDACORP Company

Boardman to Hemingway Transmission Line Project

Appendix C-21

Wetland and Other Waters Impact Sites, Tax Lots and Locations Detail Maps

Umatilla County



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Feet

Map Area

OREGON

PROJECT AREA

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

December 2016

Project Features

Site Boundary

Proposed Route

Route Centerline

Proposed Route

Railroads

Mileposts

Mile

Tenth-mile

Transportation

Interstates or Highways

Other Waters

NANS Streams (NHD)

Wetland

NANS Wetland (NWI)

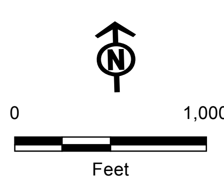
IDAHO POWER An IDACORP Company

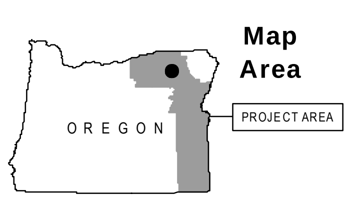
Boardman to Hemingway Transmission Line Project

Appendix C-26

Wetland and Other Waters Impact Sites, Tax Lots and Locations Detail Maps

Umatilla County





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December 2016

Project Features

Site Boundary

Proposed Route

Transportation

Interstates or Highways

Other Waters

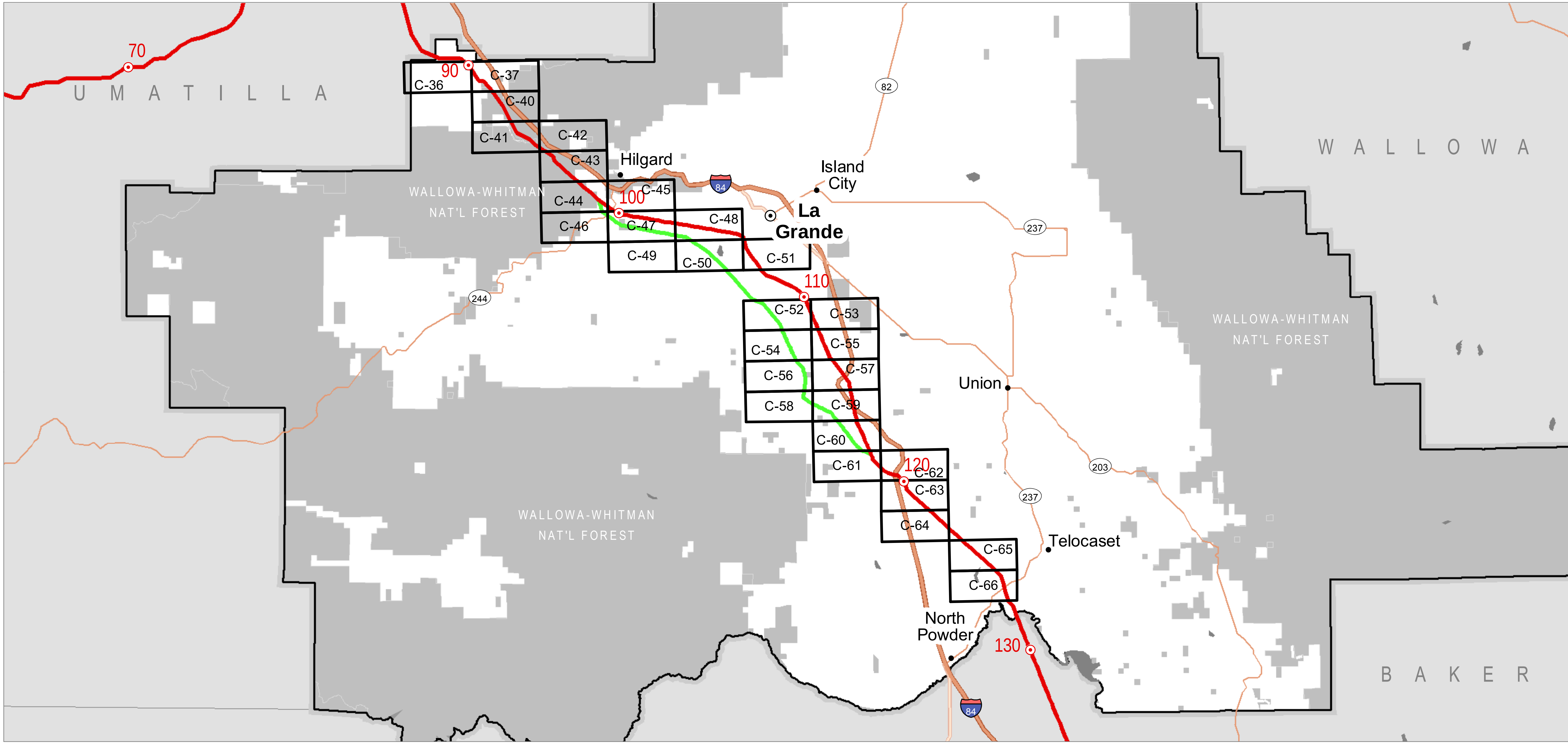
Field Survey Streams

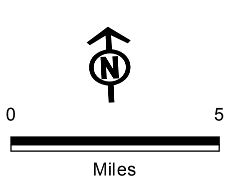
Boardman to Hemingway Transmission Line Project

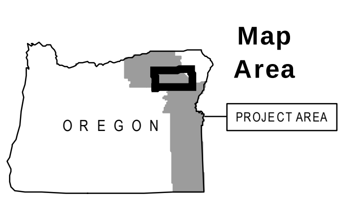
Appendix C-27

Wetland and Other Waters Impact Sites, Tax Lots and Locations Detail Maps

Umatilla County







Project Features

Proposed Route

Alternative

Ten Mile Marker

Map Index

Map Tile (Map #)

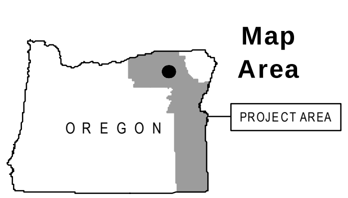
Boardman to Hemingway Transmission Line Project

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

Appendix C
Joint Permit Application
Location Map
Union County

Map Index

December 2016



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Feet

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

Project Features

Site Boundary
Proposed Route

Route Centerline
Proposed Route
Railroads

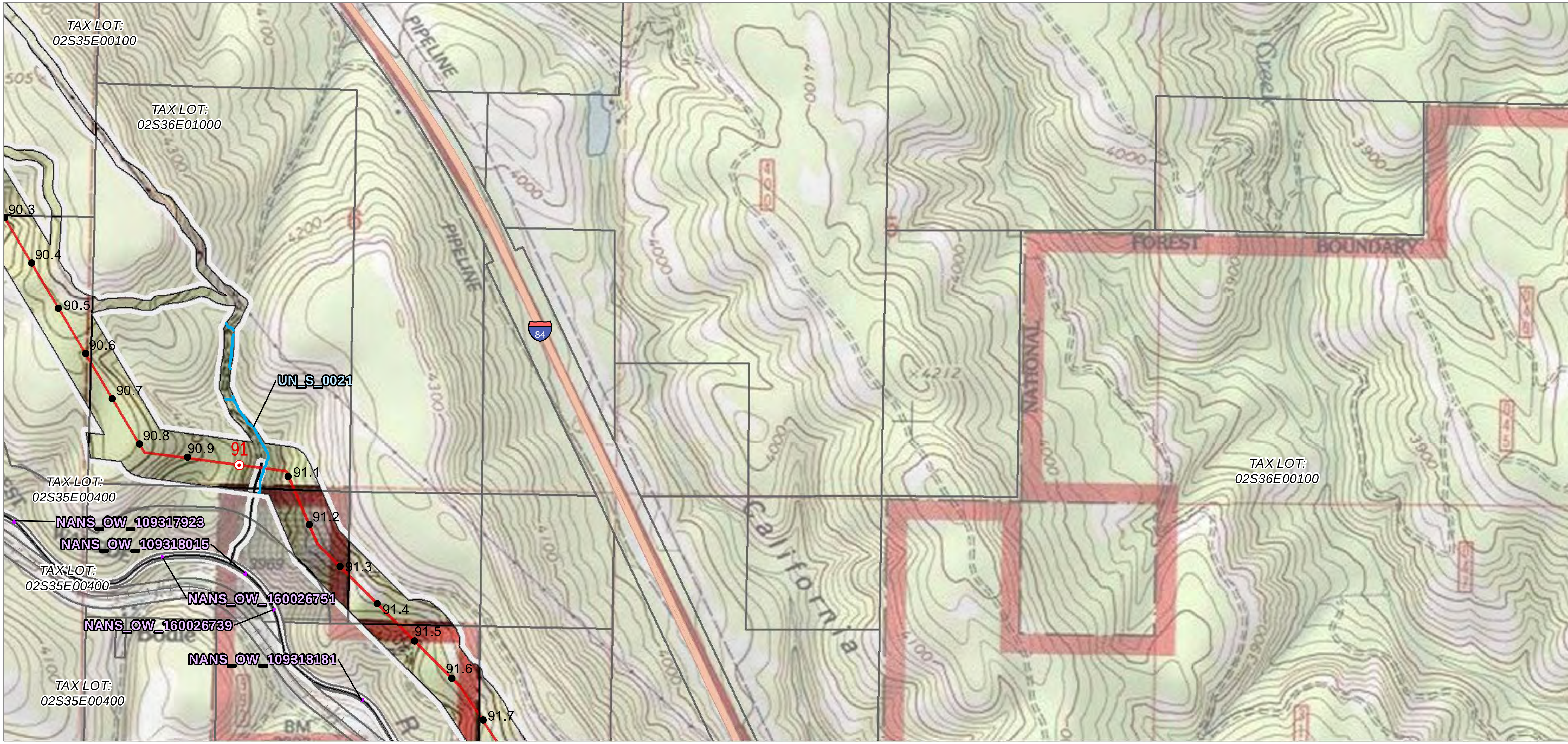
Mileposts
Mile
Tenth-mile

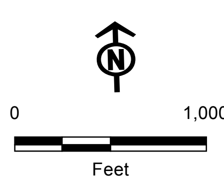
Other Waters
NANS Streams (NHD)

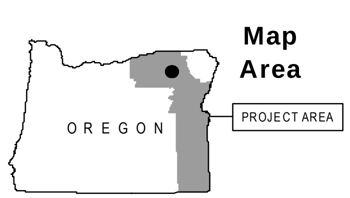
Boardman to Hemingway Transmission Line Project

Appendix C-36
Wetland and Other Waters Impact Sites, Tax Lots and Locations Detail Maps
Union County

December 2016







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

December 2016

Project Features

Site Boundary

Proposed Route

Route Centerline

Proposed Route

Railroads

Mileposts

Mile

Tenth-mile

Transportation

Interstates or Highways

Other Waters

Field Survey Streams

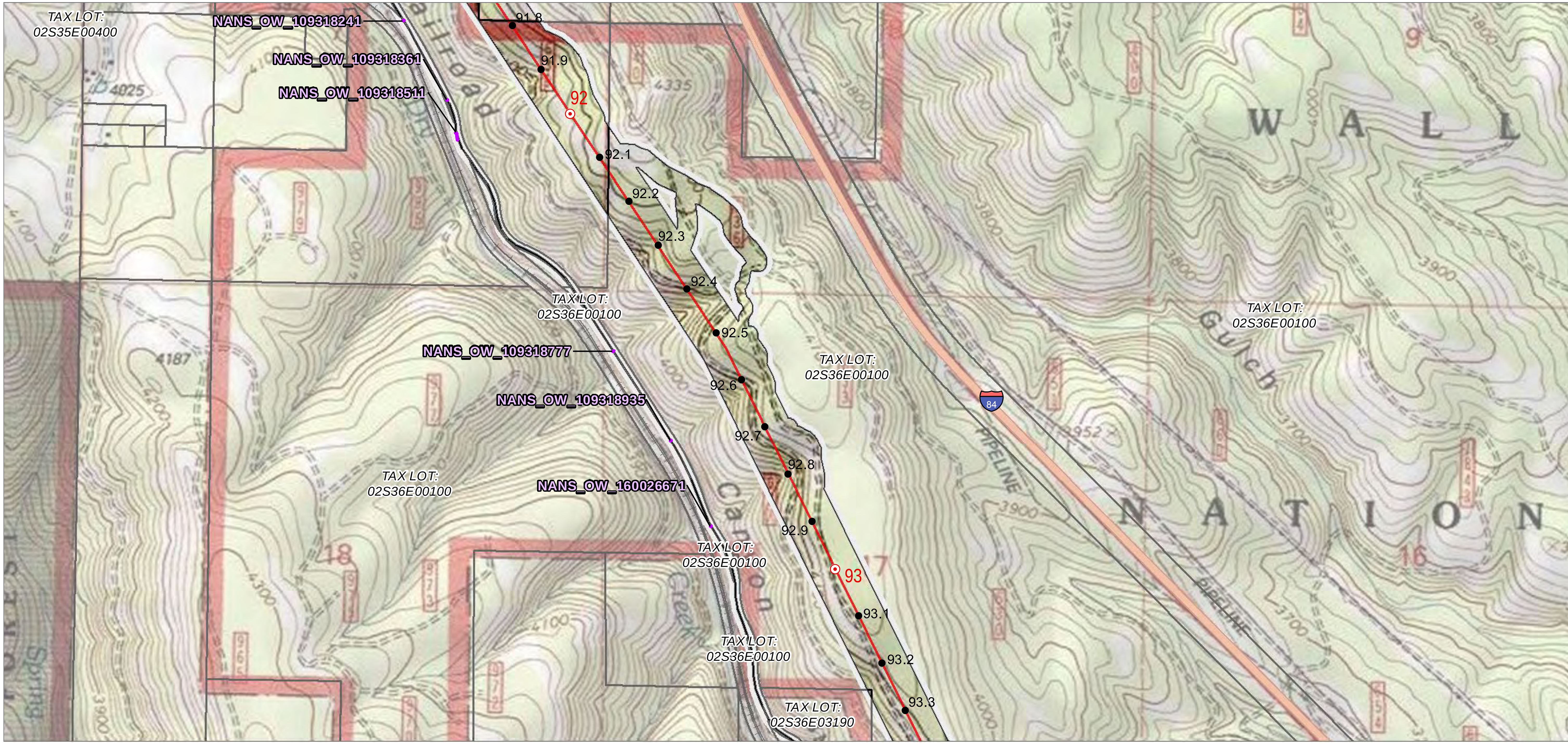
NANS Streams (NHD)

Boardman to Hemingway Transmission Line Project

Appendix C-37

Wetland and Other Waters Impact Sites, Tax Lots and Locations Detail Maps

Union County



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Feet

Map Area

OREGON

PROJECT AREA

Project Features

Site Boundary

Proposed Route

Route Centerline

Proposed Route

Railroads

Mileposts

Mile

Tenth-mile

Transportation

Interstates or Highways

Other Waters

NANS Streams (NHD)

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

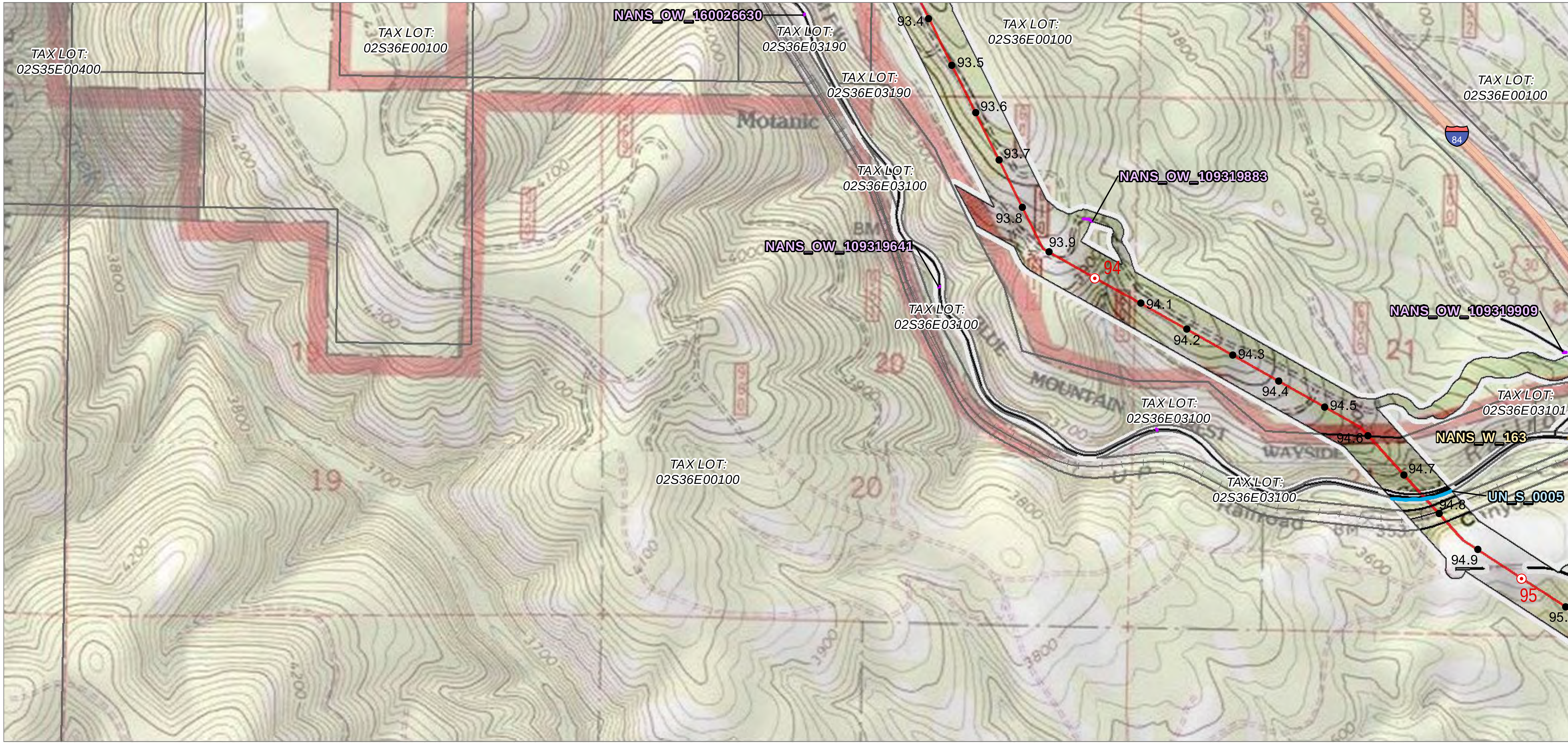
December 2016

Boardman to Hemingway Transmission Line Project

Appendix C-40

Wetland and Other Waters Impact Sites, Tax Lots and Locations Detail Maps

Union County



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Feet

Map Area

OREGON

PROJECT AREA

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

December 2016

Project Features

Site Boundary

Proposed Route

Route Centerline

Proposed Route

Railroads

Mileposts

Mile

Tenth-mile

Transportation

Interstates or Highways

Other Waters

Field Survey Streams

NANS Streams (NHD)

Wetland

NANS Wetland (NWI)

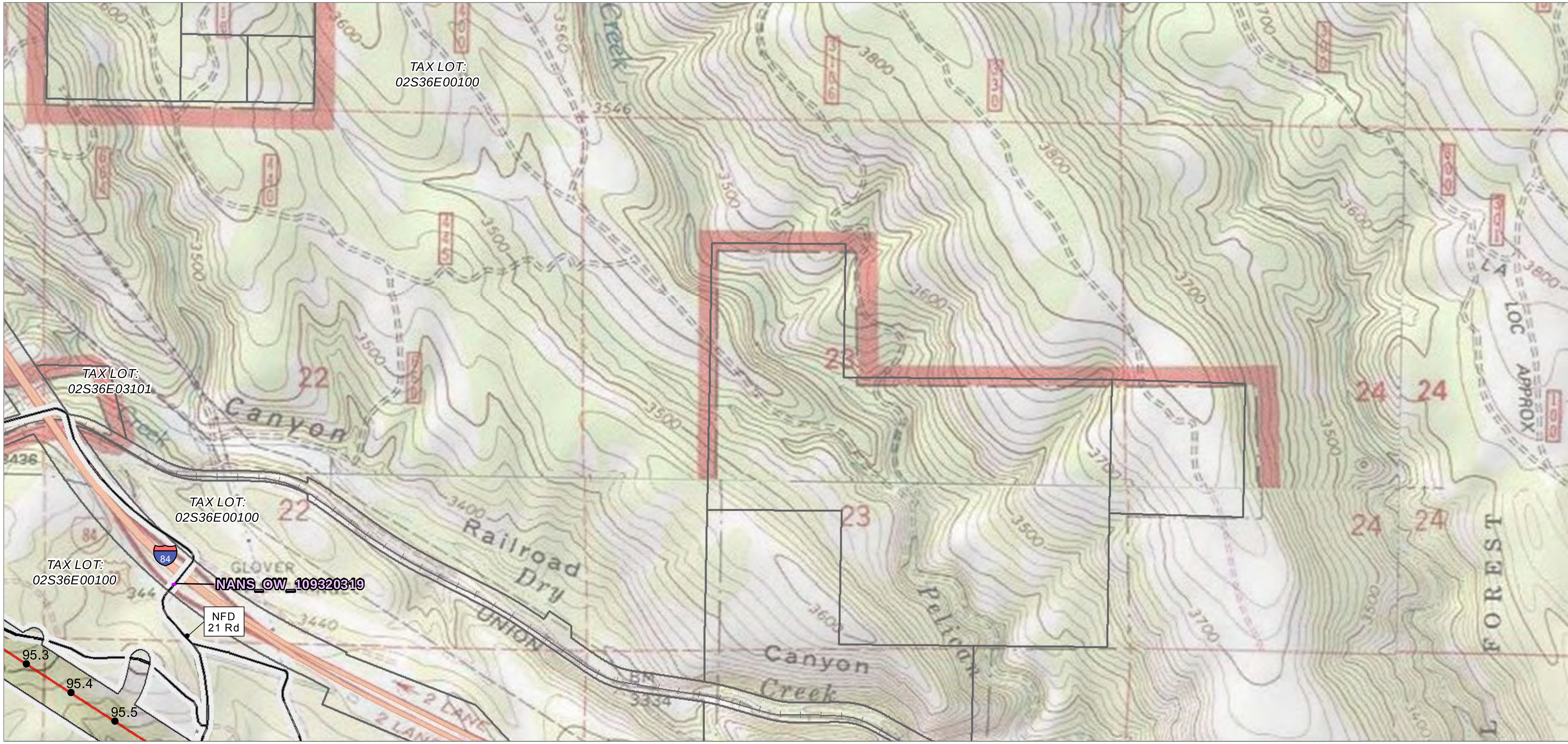
IDAHO POWER. An IDACORP Company

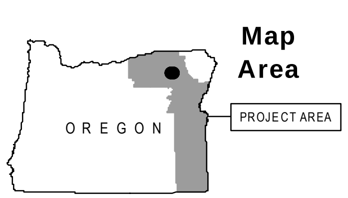
Boardman to Hemingway Transmission Line Project

Appendix C-41

Wetland and Other Waters Impact Sites, Tax Lots and Locations Detail Maps

Union County





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Feet

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

December 2016

Project Features

Site Boundary

Proposed Route

Route Centerline

Proposed Route

Railroads

Mileposts

Tenth-mile

Transportation

Interstates or Highways

Other Major Roads

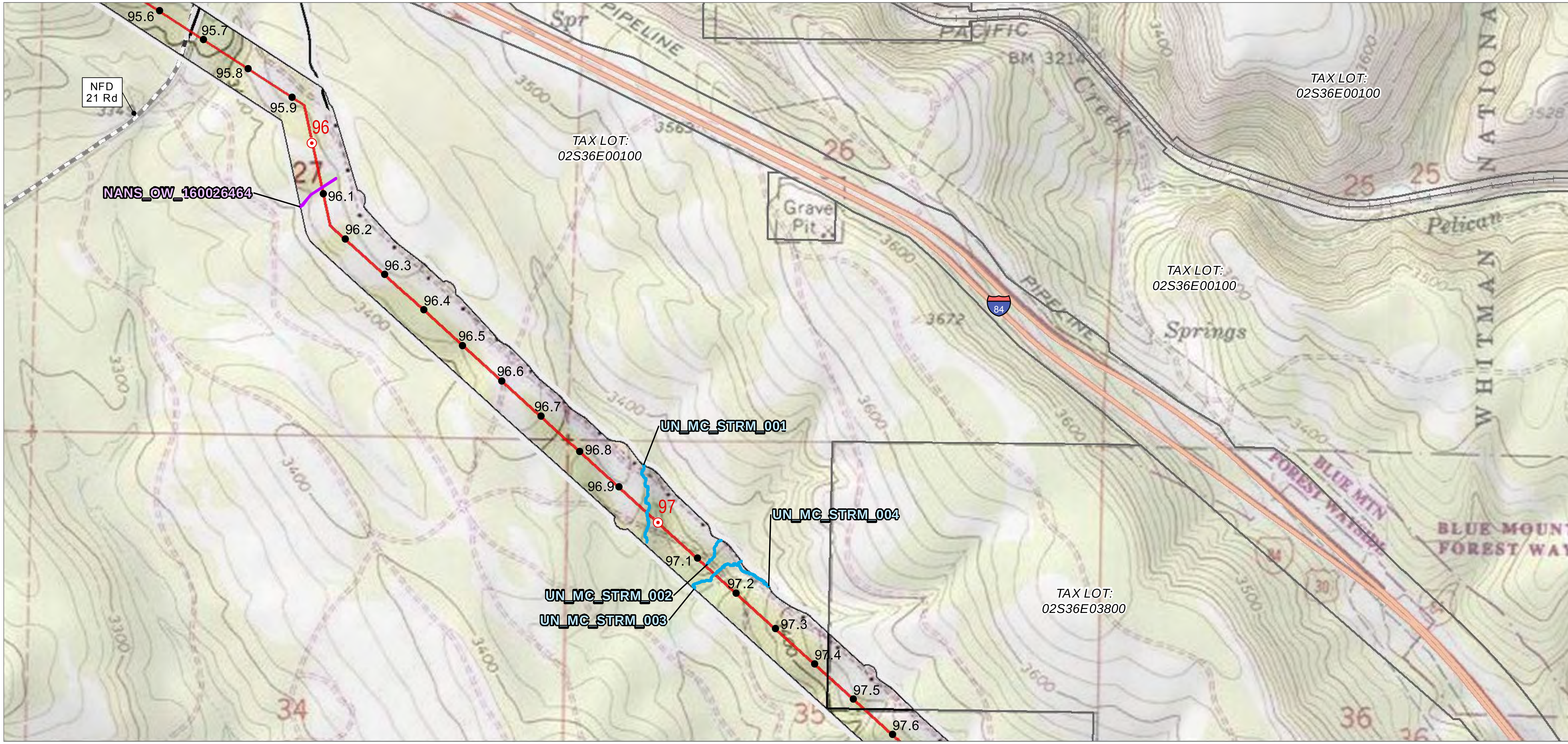
Other Waters

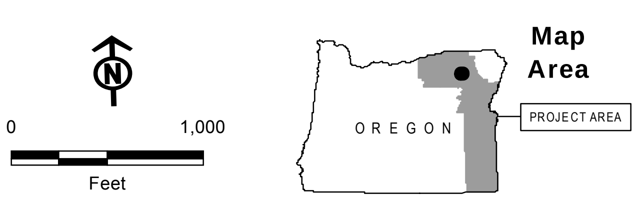
NANS Streams (NHD)

Boardman to Hemingway
Transmission Line Project

Appendix C-42

Wetland and Other Waters
Impact Sites, Tax Lots and Locations
Detail Maps
Union County





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December 2016

Project Features

Site Boundary
- Proposed Route

Route Centerline
- Proposed Route
- Railroads

Mileposts
- Mile
- Tenth-mile

Transportation
- Interstates or Highways
- Other Major Roads

Other Waters
- Field Survey Streams
- NANS Streams (NHD)

Boardman to Hemingway Transmission Line Project

Appendix C-43

Wetland and Other Waters Impact Sites, Tax Lots and Locations Detail Maps

Union County

Map Area

OREGON

PROJECT AREA

0 1,000

Feet

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

December 2016

Project Features

Site Boundary

Proposed Route

Alternative Route

Route Centerline

Proposed Route

Alternative

Mileposts

Mile

Tenth-mile

Transportation

Interstates or Highways

Other Waters

Field Survey Streams

NANS Streams (NHD)

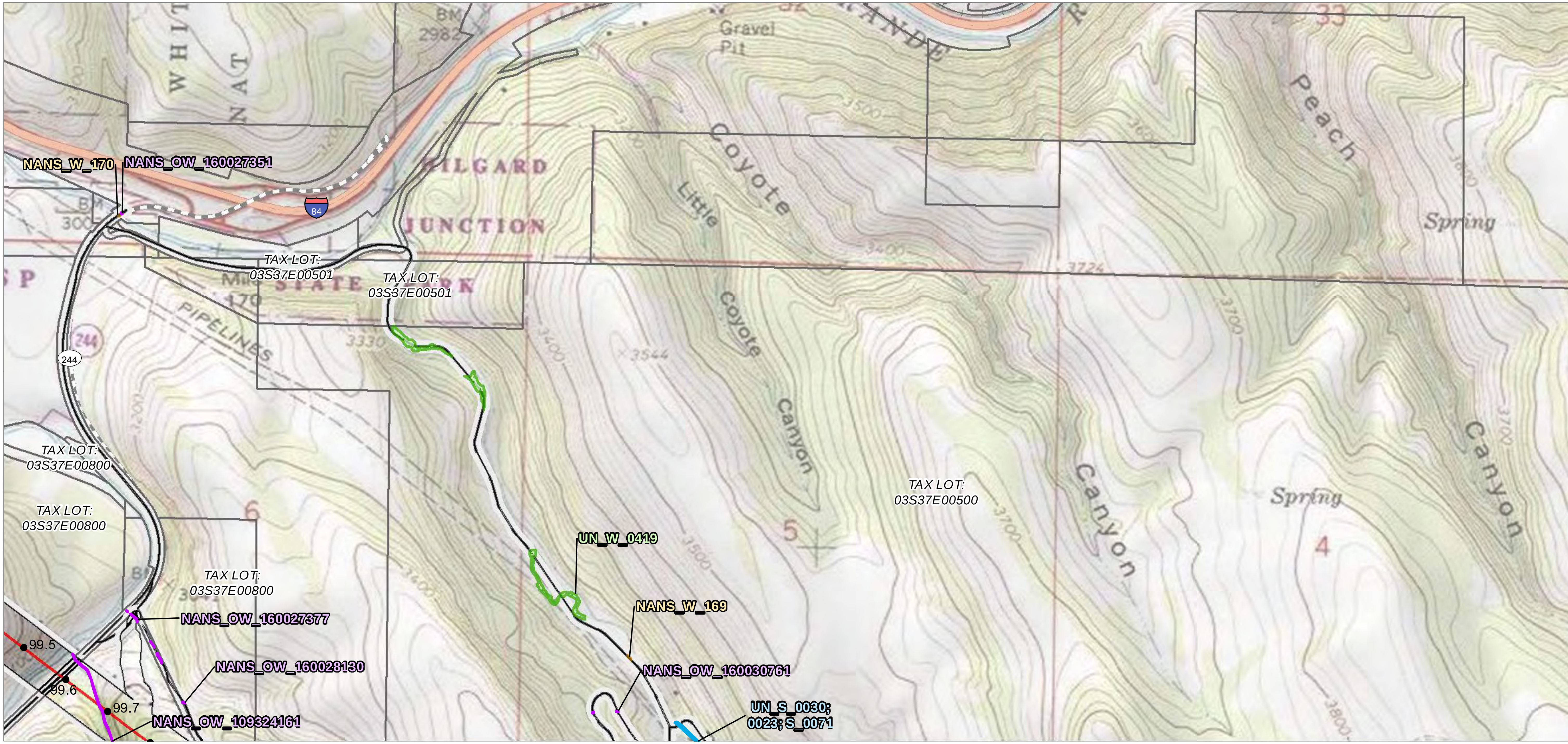
IDAHO POWER An IDACORP Company

Boardman to Hemingway Transmission Line Project

Appendix C-44

Wetland and Other Waters Impact Sites, Tax Lots and Locations Detail Maps

Union County



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Feet

Map Area
OREGON
PROJECT AREA

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

December 2016

Project Features
Site Boundary
Proposed Route
Route Centerline
Proposed Route
Railroads

Mileposts
Tenth-mile
Transportation
Interstates or Highways
Other Major Roads

Other Waters
Field Survey Streams
NANS Streams (NHD)
Wetland
Field Survey Wetland
NANS Wetland (NWI)

IDAHO POWER
An IDACORP Company
Boardman to Hemingway Transmission Line Project

Appendix C-45
Wetland and Other Waters Impact Sites, Tax Lots and Locations Detail Maps
Union County

0 1,000
Feet

Map Area

OREGON

PROJECT AREA

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

December 2016

Project Features

Site Boundary

Alternative Route

Route Centerline

Alternative

Mileposts

Tenth-mile

Transportation

Other Major Roads

Other Waters

NANS Streams (NHD)

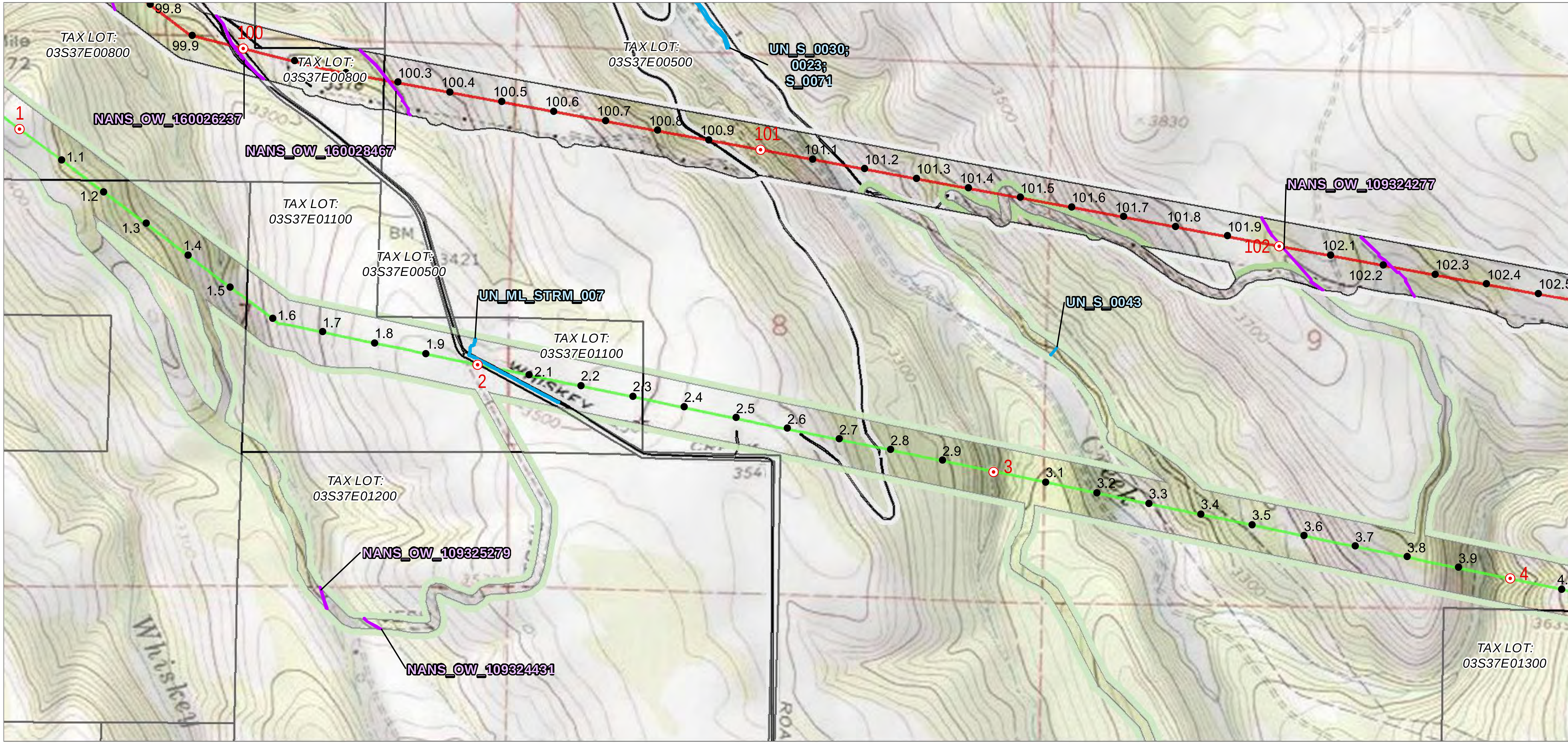
IDAHO POWER An IDACORP Company

Boardman to Hemingway Transmission Line Project

Appendix C-46

Wetland and Other Waters Impact Sites, Tax Lots and Locations Detail Maps

Union County



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Feet

Map Area

OREGON

PROJECT AREA

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

December 2016

Project Features

Site Boundary

Proposed Route

Alternative Route

Route Centerline

Proposed Route

Alternative

Mileposts

Mile

Tenth-mile

Transportation

Other Major Roads

Other Waters

Field Survey Streams

NANS Streams (NHD)

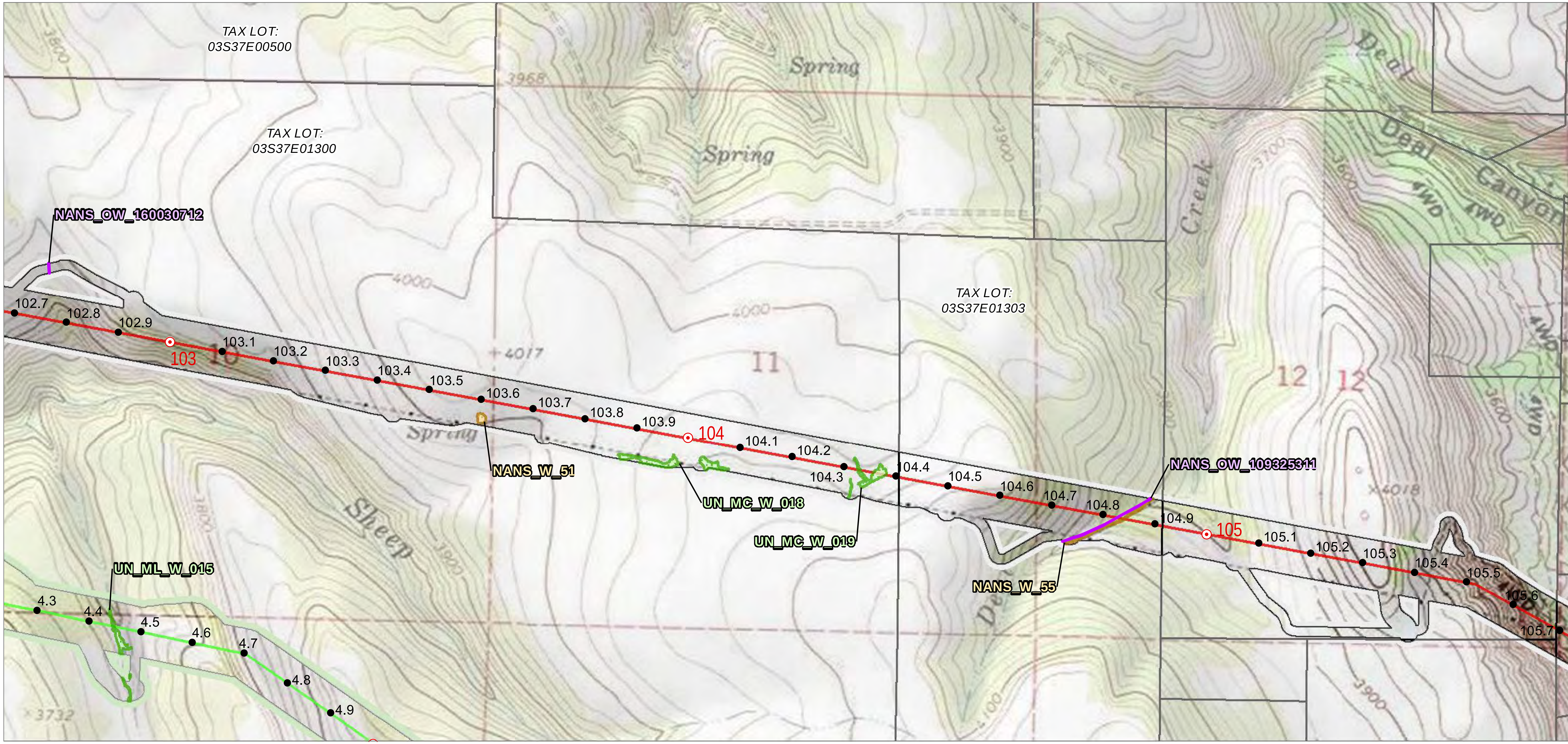
IDAHO POWER. An IDACORP Company

Boardman to Hemingway Transmission Line Project

Appendix C-47

Wetland and Other Waters Impact Sites, Tax Lots and Locations Detail Maps

Union County



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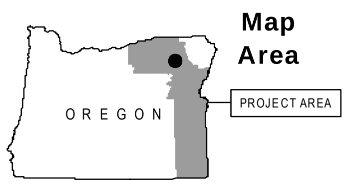

Map Area

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December 2016

Project Features

Site Boundary
- Proposed Route
- Alternative Route

Route Centerline
- Proposed Route
- Alternative

Mileposts
- Mile
- Tenth-mile

Other Waters
- NANS Streams (NHD)

Wetland
- Field Survey Wetland
- NANS Wetland (NWI)

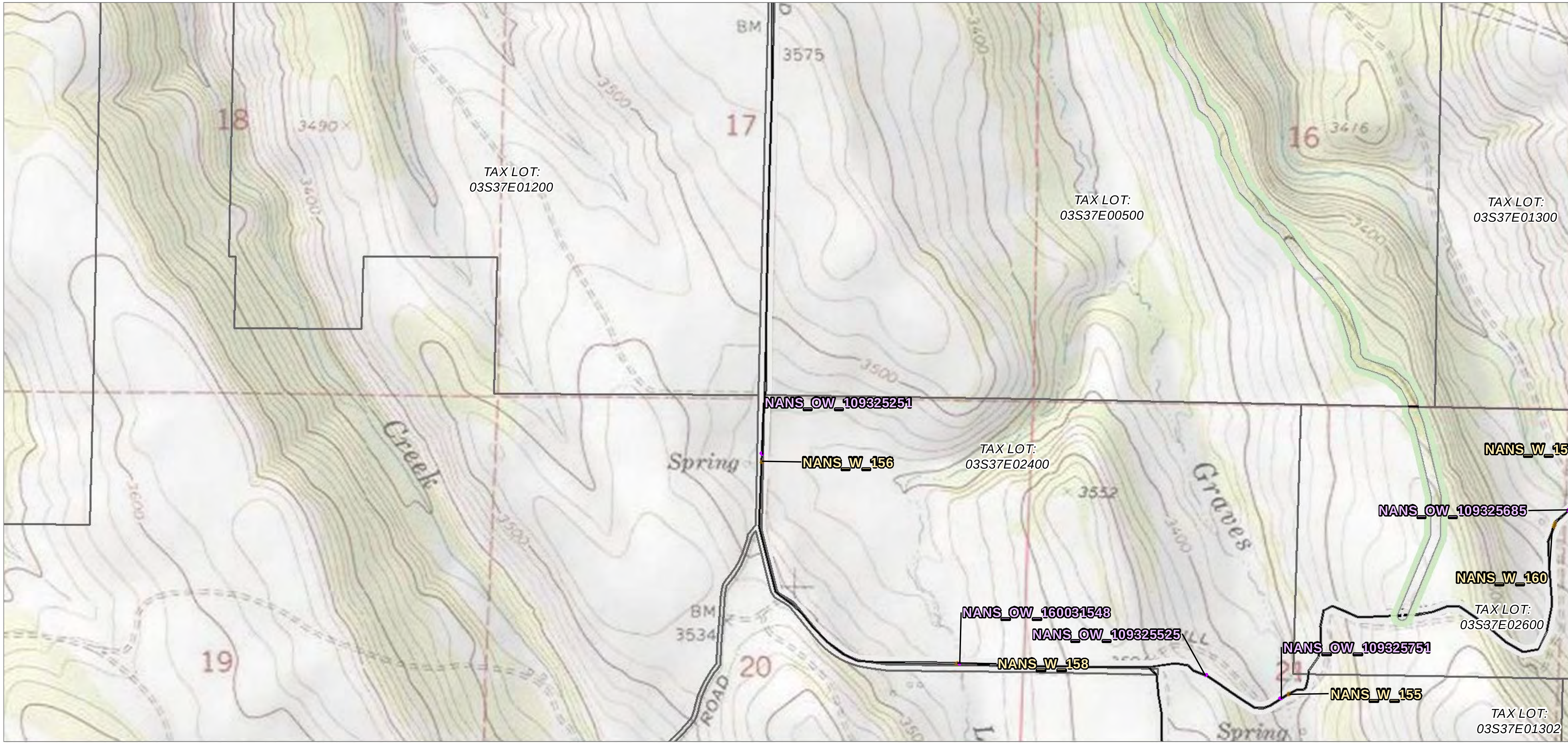
IDAHO POWER An IDACORP Company

Boardman to Hemingway Transmission Line Project

Appendix C-48

Wetland and Other Waters Impact Sites, Tax Lots and Locations Detail Maps

Union County



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Feet

Map Area

OREGON

PROJECT AREA

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

Project Features

Site Boundary

Alternative Route

Other Waters

NANS Streams (NHD)

Wetland

NANS Wetland (NWI)

IDAHO POWER An IDACORP Company

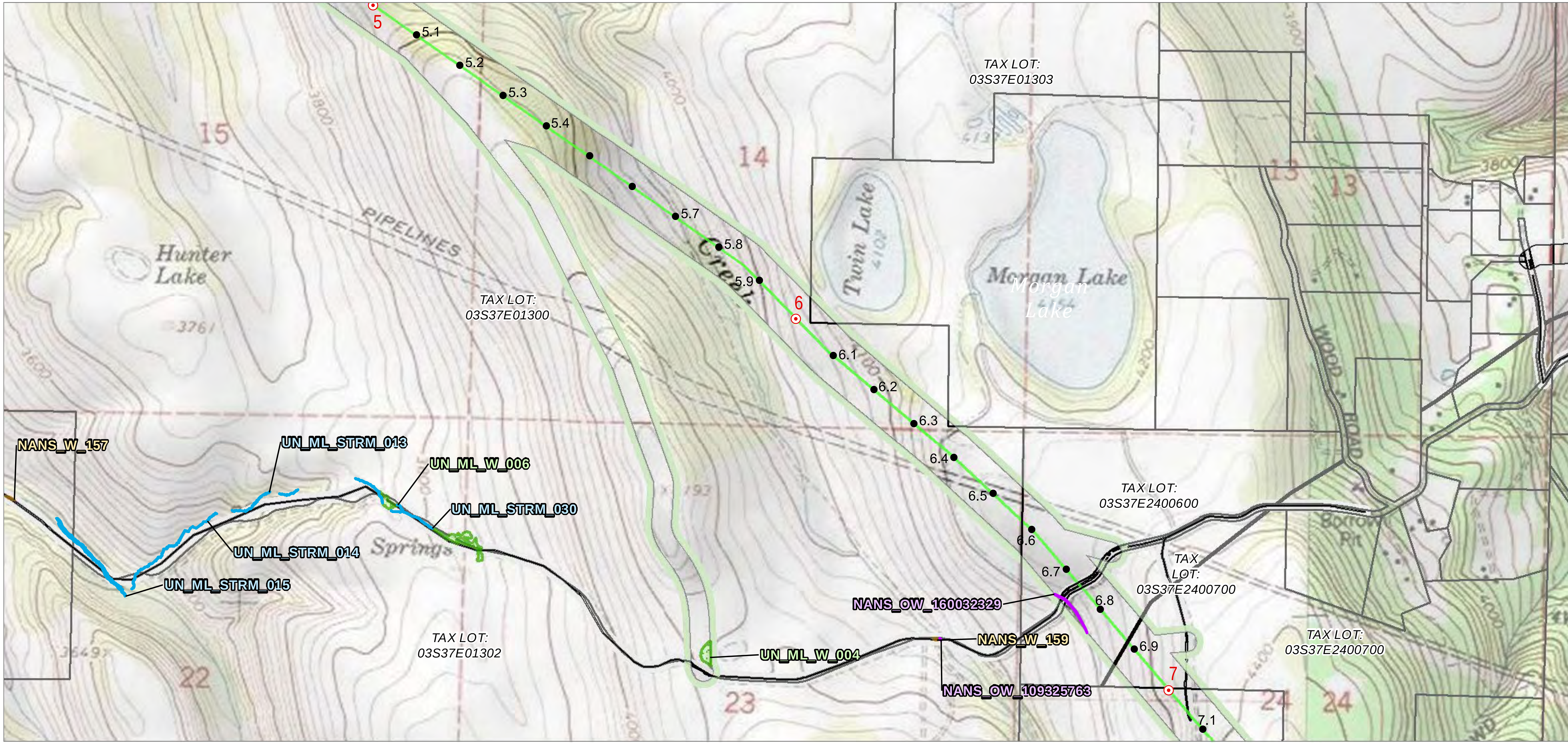
Boardman to Hemingway Transmission Line Project

Appendix C-49

Wetland and Other Waters Impact Sites, Tax Lots and Locations Detail Maps

Union County

December 2016



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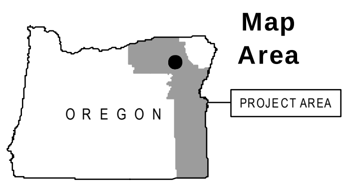

Map Area

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December 2016

Project Features

Site Boundary
- Proposed Route
- Alternative Route

Route Centerline
- Alternative

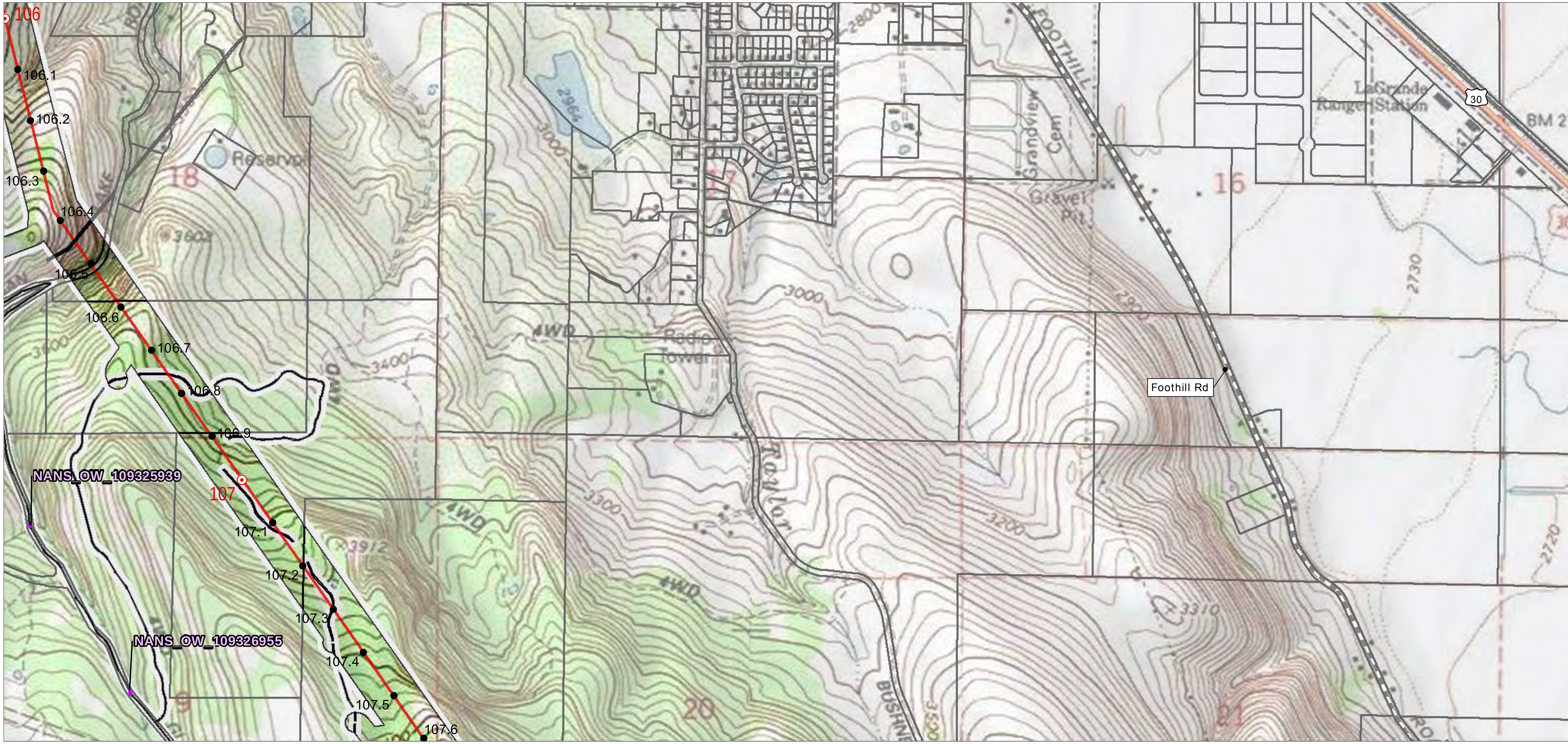
Mileposts
- Mile
- Tenth-mile

Other Waters
- Field Survey Streams
- NANS Streams (NHD)

Wetland
- Field Survey Wetland
- NANS Wetland (NWI)

Boardman to Hemingway Transmission Line Project

Appendix C-50
Wetland and Other Waters Impact Sites, Tax Lots and Locations Detail Maps
Union County



Feet 0 1,000

Map Area

OREGON

PROJECT AREA

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

Project Features

Site Boundary
- Proposed Route

Route Centerline
- Proposed Route
- Railroads

Mileposts
- Mile
- Tenth-mile

Transportation
- Interstates or Highways
- Other Major Roads

Other Waters
- NANS Streams (NHD)

IDAHO POWER An IDACORP Company

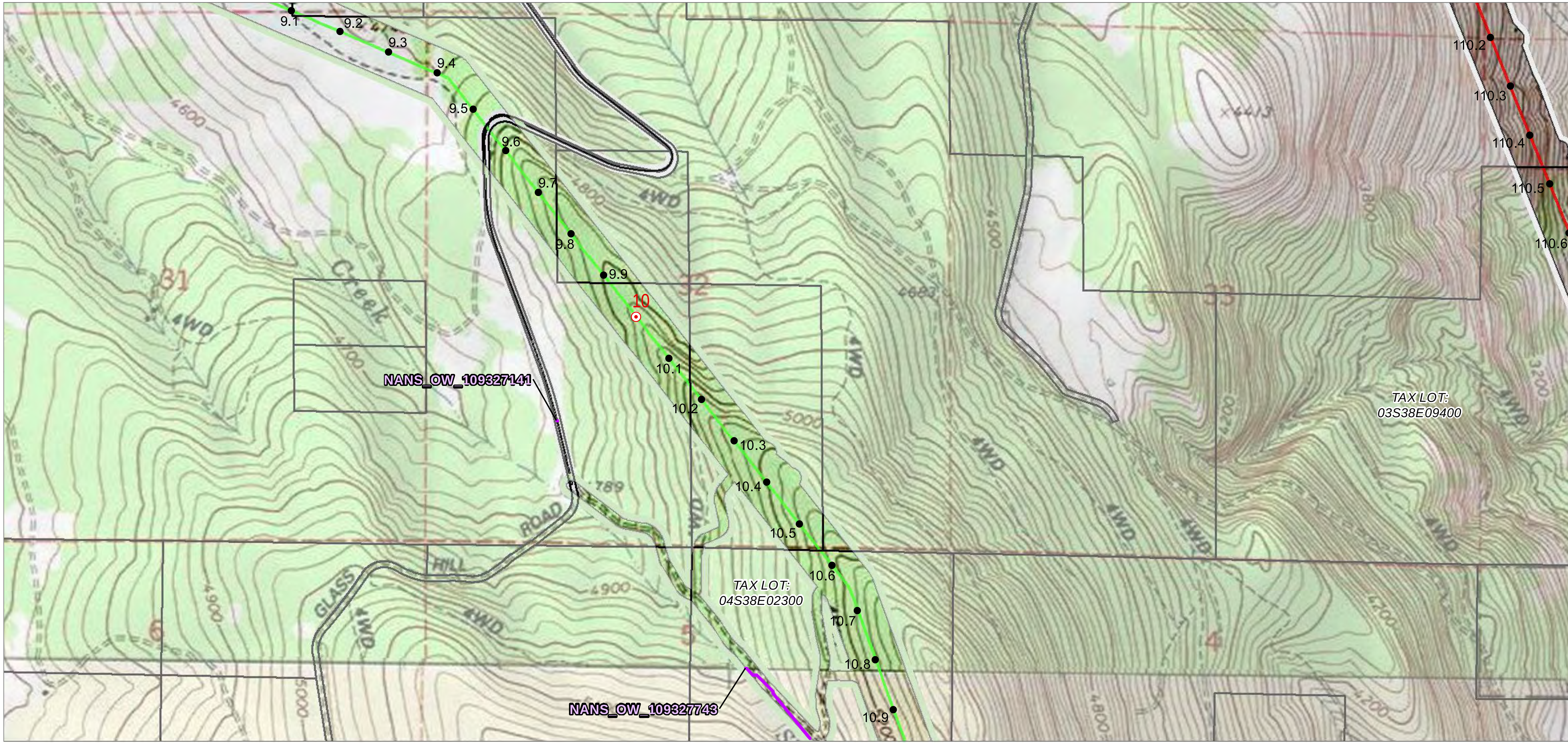
Boardman to Hemingway Transmission Line Project

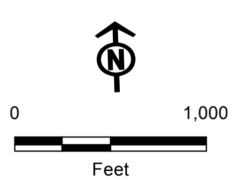
Appendix C-51

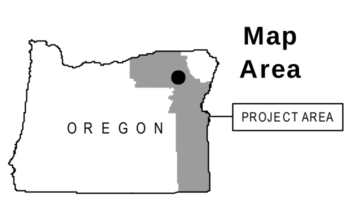
Wetland and Other Waters Impact Sites, Tax Lots and Locations Detail Maps

Union County

December 2016







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

December 2016

Project Features

Site Boundary
- Proposed Route
- Alternative Route

Route Centerline
- Proposed Route
- Alternative

Mileposts
- Mile
- Tenth-mile

Other Waters
- NANS Streams (NHD)

Boardman to Hemingway Transmission Line Project

Appendix C-52

Wetland and Other Waters Impact Sites, Tax Lots and Locations Detail Maps

Union County

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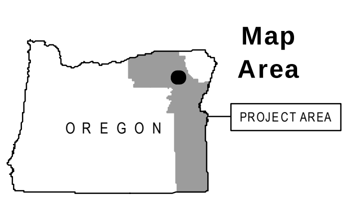
Feet



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

December 2016

Project Features

Site Boundary

Proposed Route

Route Centerline

Proposed Route

Railroads

Mileposts

Mile

Tenth-mile

Transportation

Interstates or Highways

Other Major Roads

Other Waters

Field Survey Streams

Wetland

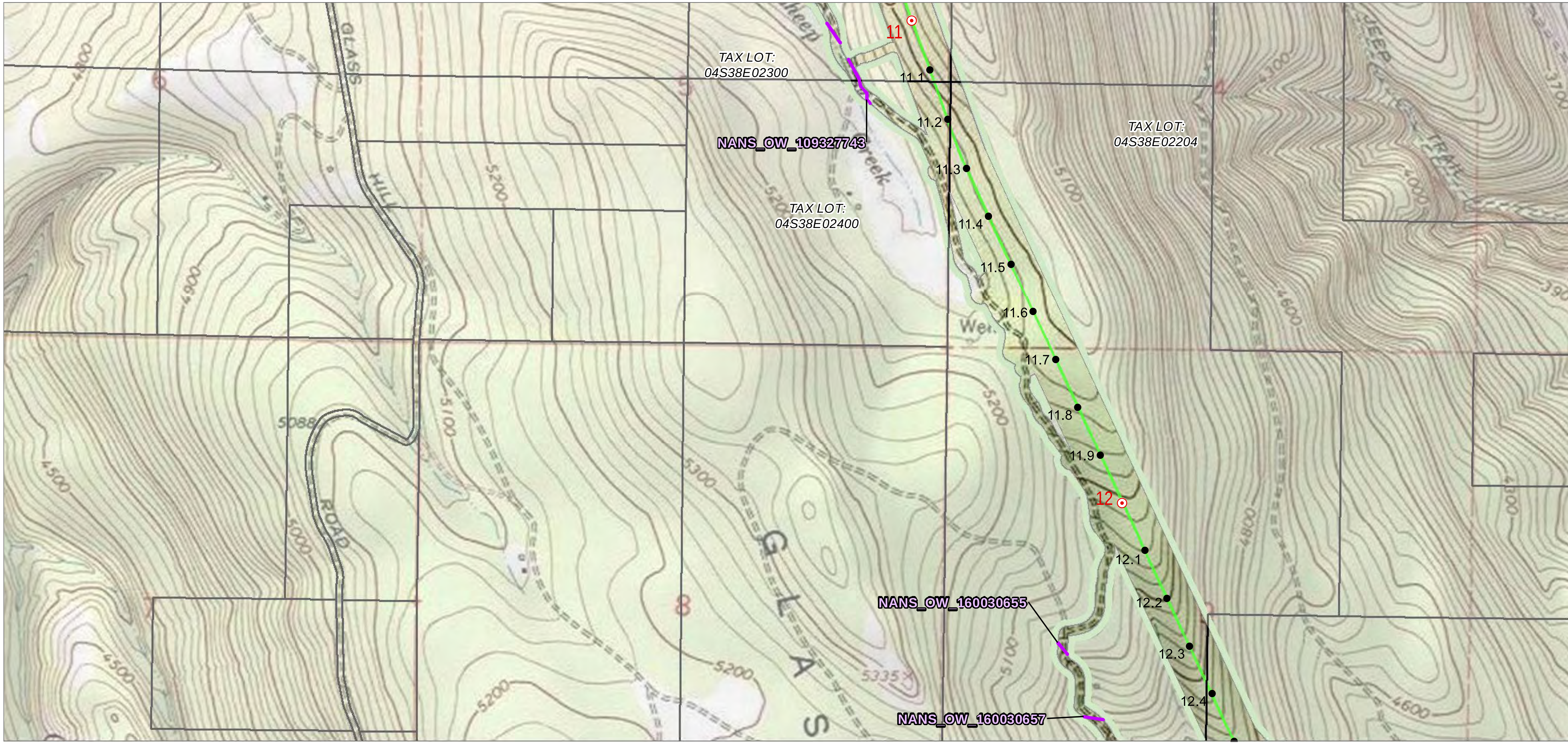
NANS Wetland (NWI)

Boardman to Hemingway Transmission Line Project

Appendix C-53

Wetland and Other Waters Impact Sites, Tax Lots and Locations Detail Maps

Union County



Map Area

OREGON

PROJECT AREA

0 1,000

Feet

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

December 2016

Project Features

Site Boundary

Alternative Route

Route Centerline

Alternative

Mileposts

Mile

Tenth-mile

Other Waters

NANS Streams (NHD)

IDAHO POWER

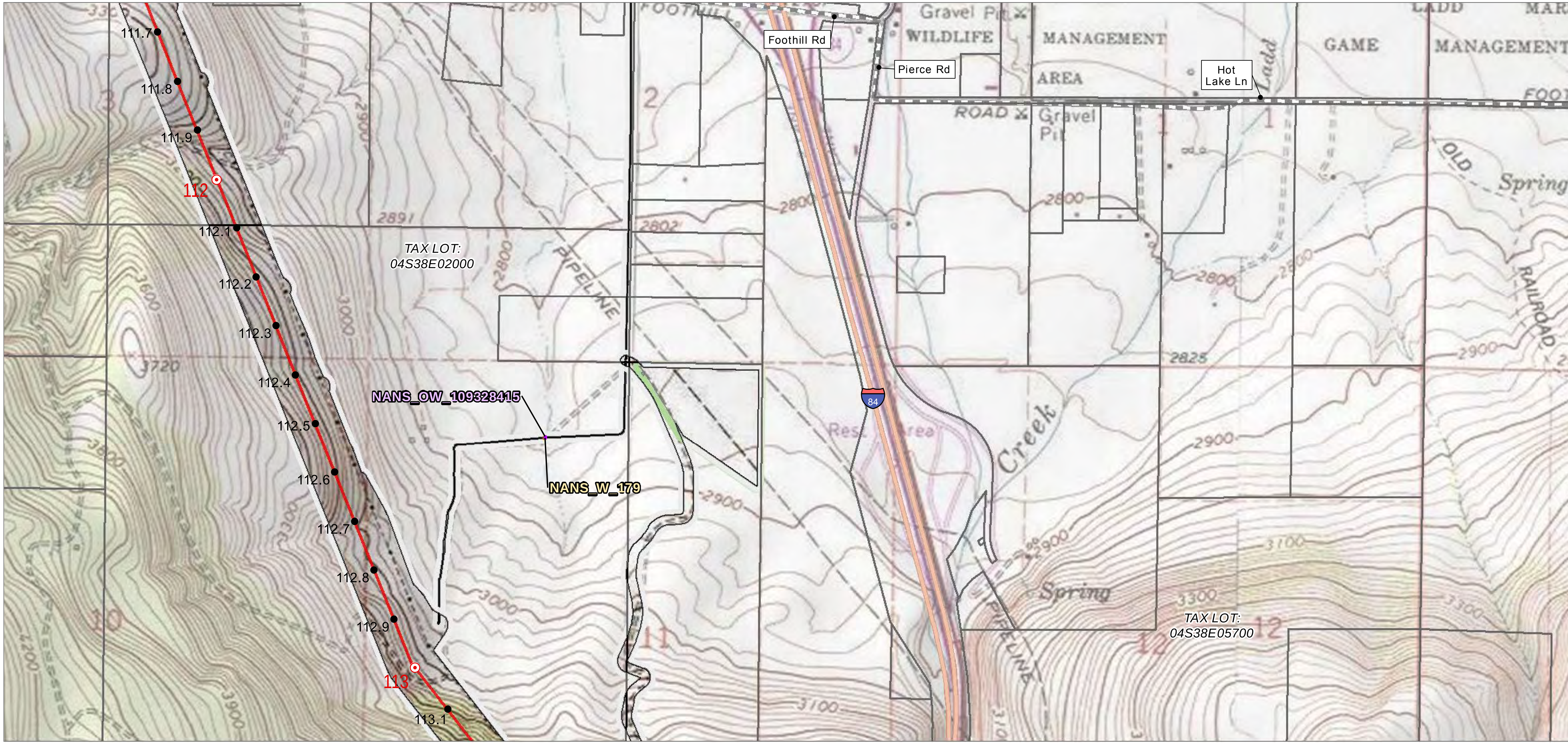
An IDACORP Company

Boardman to Hemingway Transmission Line Project

Appendix C-54

Wetland and Other Waters Impact Sites, Tax Lots and Locations Detail Maps

Union County



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Feet

Map Area
OREGON
PROJECT AREA

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

Project Features
Site Boundary
Proposed Route
Alternative Route
Route Centerline
Proposed Route

Mileposts
Mile
Tenth-mile
Transportation
Interstates or Highways
Other Major Roads

Other Waters
NANS Streams (NHD)
Wetland
NANS Wetland (NWI)

IDAHO POWER. An IDACORP Company

Boardman to Hemingway Transmission Line Project

Appendix C-55
Wetland and Other Waters Impact Sites, Tax Lots and Locations Detail Maps
Union County

December 2016

0 1,000
Feet

Map Area
OREGON
PROJECT AREA

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

December 2016

Project Features
Site Boundary
Alternative Route
Route Centerline
Alternative
Mileposts
Mile
Tenth-mile
Other Waters
Field Survey Streams

IDAHO POWER
An IDACORP Company

Boardman to Hemingway
Transmission Line Project

Appendix C-56
Wetland and Other Waters
Impact Sites, Tax Lots and Locations
Detail Maps
Union County

Map Area

OREGON

PROJECT AREA

0 1,000

Feet

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

December 2016

Project Features

Site Boundary

Proposed Route

Route Centerline

Proposed Route

Mileposts

Mile

Tenth-mile

Transportation

Interstates or Highways

Other Waters

NANS Streams (NHD)

Boardman to Hemingway Transmission Line Project

Appendix C-57

Wetland and Other Waters Impact Sites, Tax Lots and Locations Detail Maps

Union County

Map Area

OREGON

PROJECT AREA

0 1,000

Feet

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

December 2016

Project Features

Site Boundary

Alternative Route

Route Centerline

Alternative

Mileposts

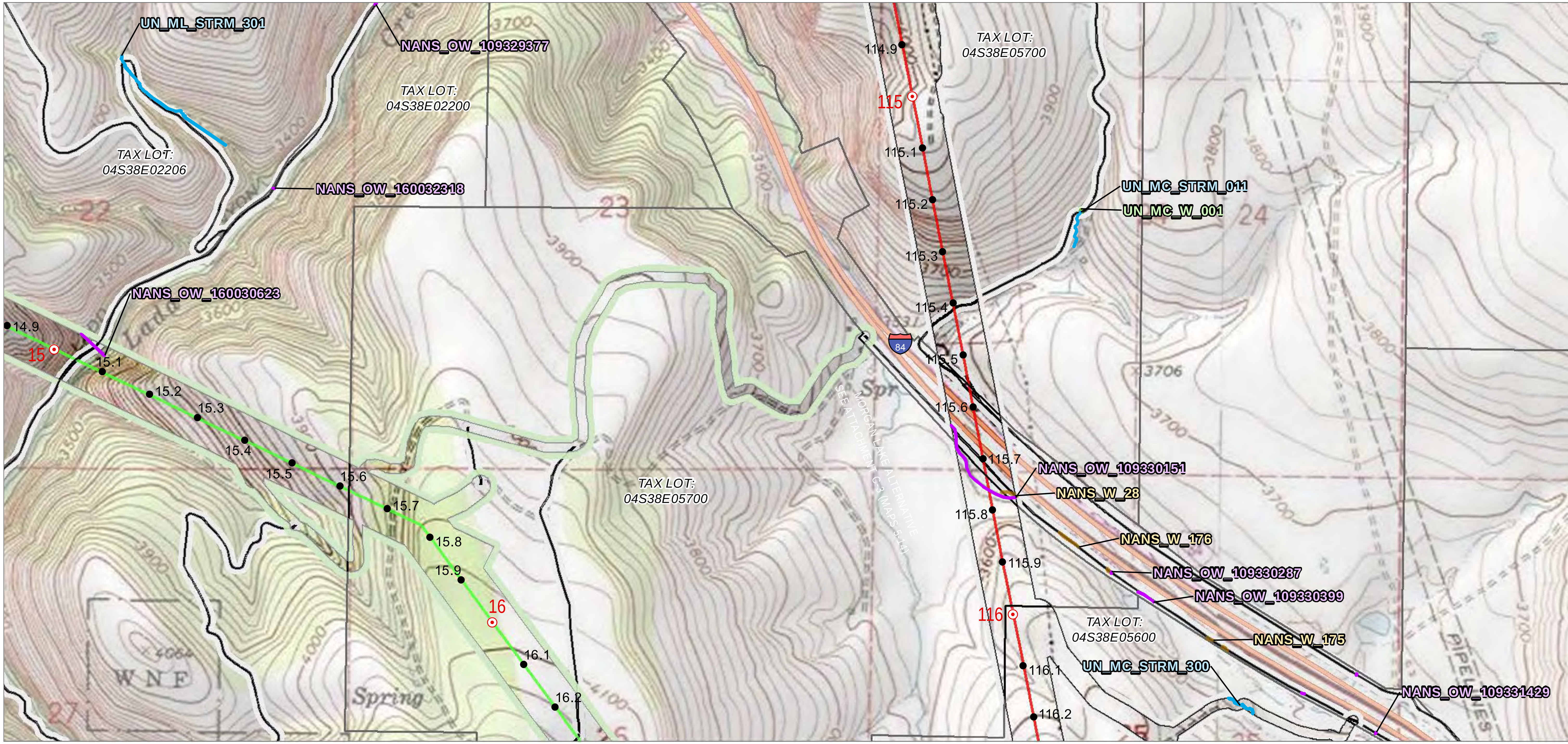
Tenth-mile

Boardman to Hemingway Transmission Line Project

Appendix C-58

Wetland and Other Waters Impact Sites, Tax Lots and Locations Detail Maps

Union County



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Feet

Map Area
OREGON
PROJECT AREA

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

December 2016

Project Features
Site Boundary
Proposed Route
Alternative Route
Route Centerline
Proposed Route
Alternative

Mileposts
Mile
Tenth-mile
Transportation
Interstates or Highways

Other Waters
Field Survey Streams
NANS Streams (NHD)
Wetland
Field Survey Wetland
NANS Wetland (NWI)

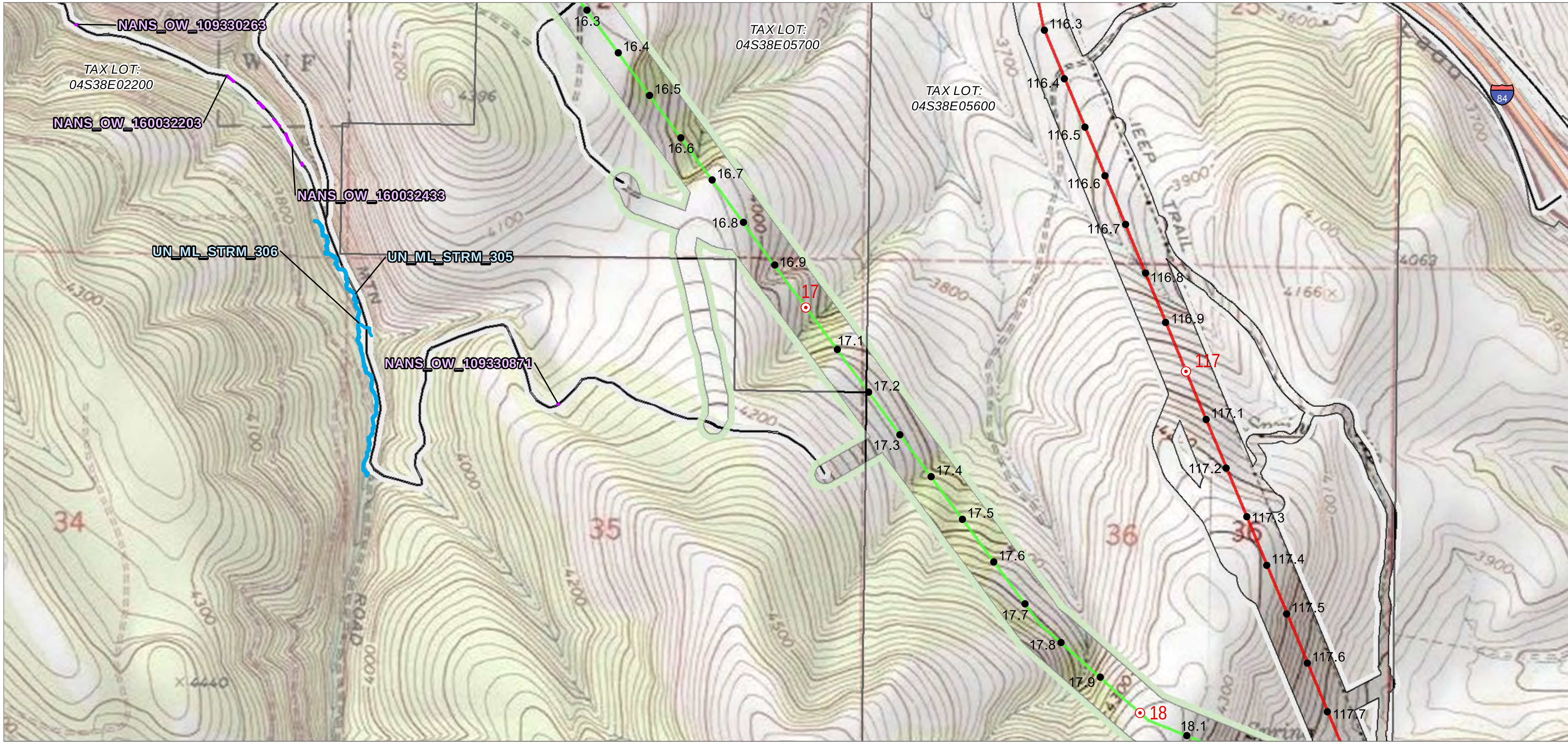
IDAHO POWER
An IDACORP Company

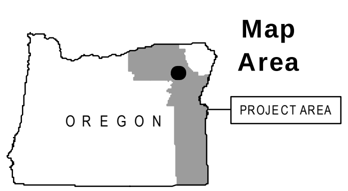
Boardman to Hemingway Transmission Line Project

Appendix C-59

Wetland and Other Waters Impact Sites, Tax Lots and Locations Detail Maps

Union County





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Feet

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

Project Features

Site Boundary

Proposed Route

Alternative Route

Route Centerline

Proposed Route

Alternative

Mileposts

Mile

Tenth-mile

Transportation

Interstates or Highways

Other Waters

Field Survey Streams

NANS Streams (NHD)

IDAHO POWER. An IDACORP Company

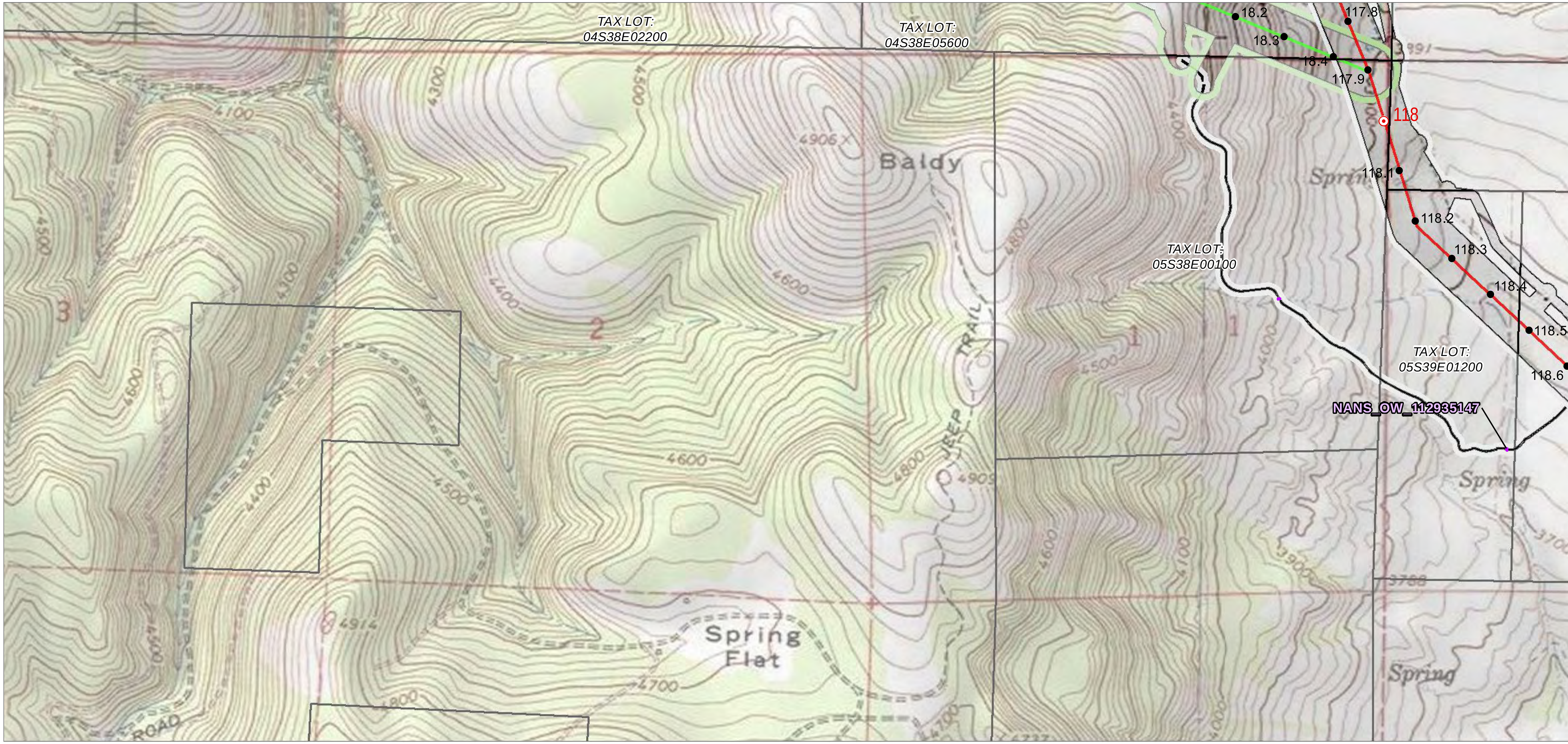
Boardman to Hemingway Transmission Line Project

Appendix C-60

Wetland and Other Waters Impact Sites, Tax Lots and Locations Detail Maps

Union County

December 2016



Map Area

OREGON

PROJECT AREA

0 1,000

Feet

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

December 2016

Project Features

Site Boundary

Proposed Route

Alternative Route

Route Centerline

Proposed Route

Alternative

Mileposts

Mile

Tenth-mile

Other Waters

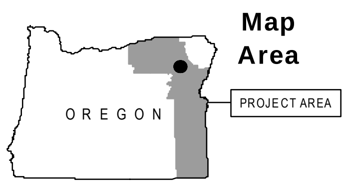
NANS Streams (NHD)

Boardman to Hemingway Transmission Line Project

Appendix C-61

Wetland and Other Waters Impact Sites, Tax Lots and Locations Detail Maps

Union County



Map Area

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Feet

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

December 2016

Project Features
Site Boundary
Proposed Route
Route Centerline
Proposed Route
Mileposts
Mile

Tenth-mile
Transportation
Interstates or Highways
Other Waters
NANS Streams (NHD)

Wetland
Field Survey Wetland
NANS Wetland (NWI)

Boardman to Hemingway Transmission Line Project

Appendix C-62
Wetland and Other Waters Impact Sites, Tax Lots and Locations Detail Maps
Union County

Map Area

OREGON

PROJECT AREA

0 1,000
Feet

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

Project Features

Site Boundary

Proposed Route

Route Centerline

Proposed Route

Mileposts

Mile

Tenth-mile

Transportation

Interstates or Highways

Other Waters

Field Survey Streams

IDAHO POWER
An IDACORP Company

Boardman to Hemingway
Transmission Line Project

Appendix C-63

Wetland and Other Waters
Impact Sites, Tax Lots and Locations
Detail Maps
Union County

December 2016

Map Area

OREGON

PROJECT AREA

0 1,000

Feet

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

Project Features

Site Boundary

Proposed Route

Route Centerline

Proposed Route

Mileposts

Mile

Tenth-mile

Transportation

Interstates or Highways

Other Major Roads

Other Waters

Field Survey Streams

Boardman to Hemingway Transmission Line Project

Appendix C-64

Wetland and Other Waters Impact Sites, Tax Lots and Locations Detail Maps

Union County

December 2016

N

0 1,000

Feet

Map Area

OREGON

PROJECT AREA

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

December 2016

Project Features

Site Boundary

Proposed Route

Route Centerline

Proposed Route

Mileposts

Mile

Tenth-mile

Other Waters

NANS Streams (NHD)

Wetland

NANS Wetland (NWI)

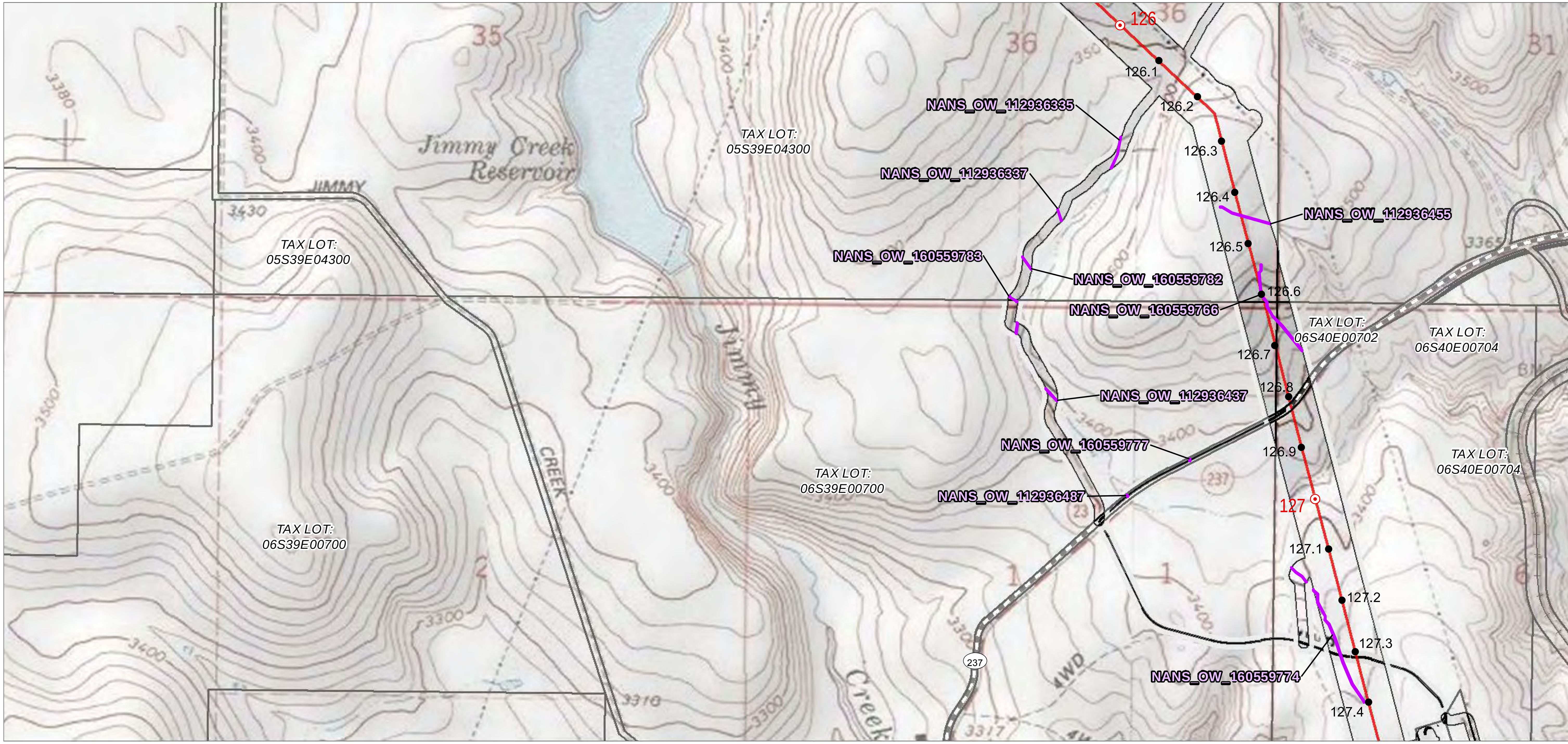
IDAHO POWER. An IDACORP Company

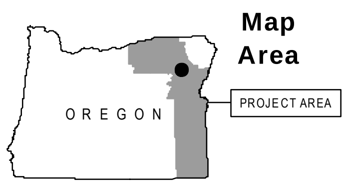
Boardman to Hemingway Transmission Line Project

Appendix C-65

Wetland and Other Waters Impact Sites, Tax Lots and Locations Detail Maps

Union County





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

December 2016

Project Features

Site Boundary
Proposed Route

Route Centerline
Proposed Route
Railroads

Mileposts
Mile
Tenth-mile

Transportation
Other Major Roads

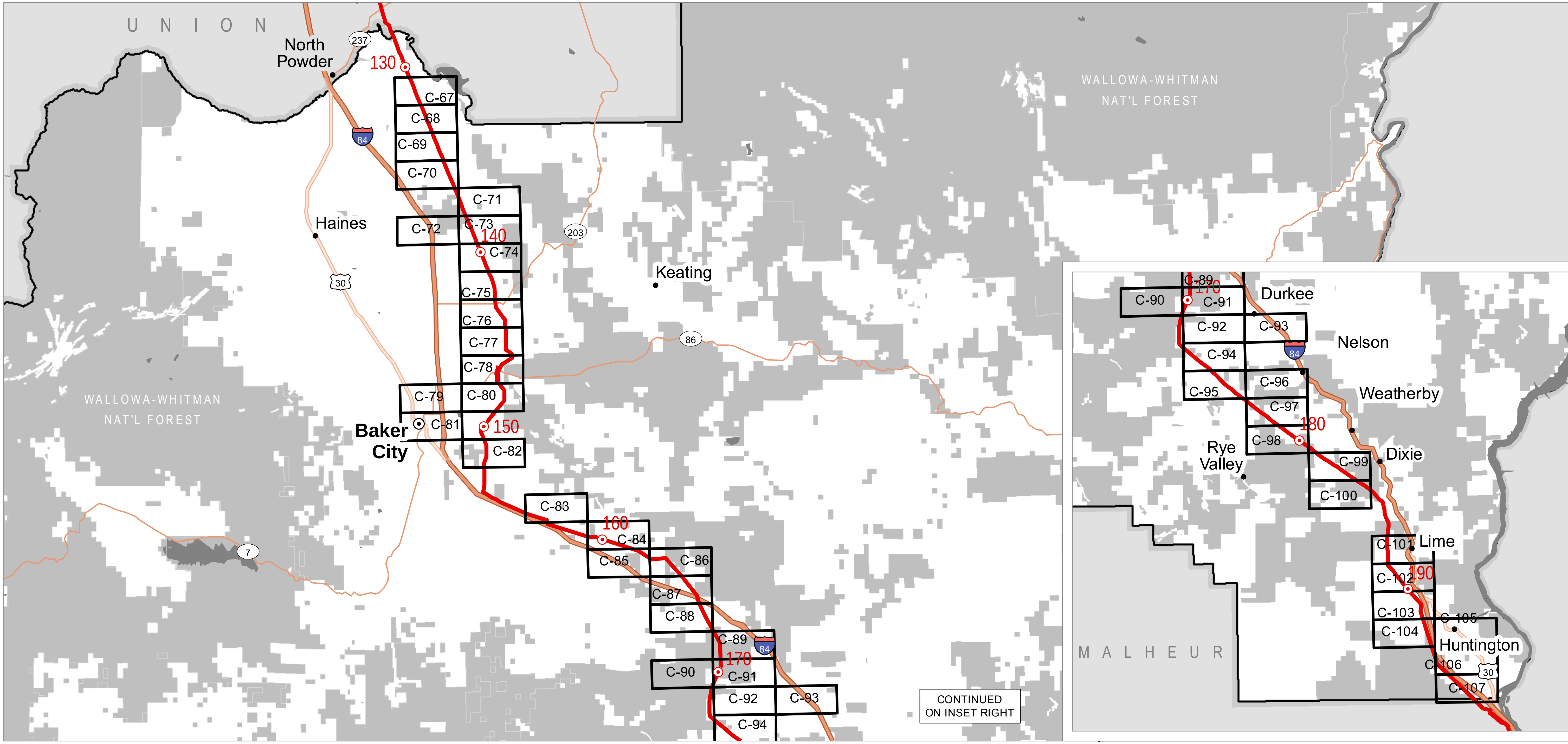
Other Waters
NANS Streams (NHD)

IDAHO POWER. An IDACORP Company

Boardman to Hemingway
Transmission Line Project

Appendix C-66

Wetland and Other Waters
Impact Sites, Tax Lots and Locations
Detail Maps
Union County



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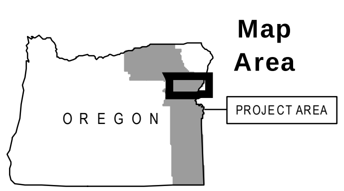
Miles



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December 2016

Project Features
- Proposed Route
- Ten Mile Marker

Map Index
- Map Tile (Map #)

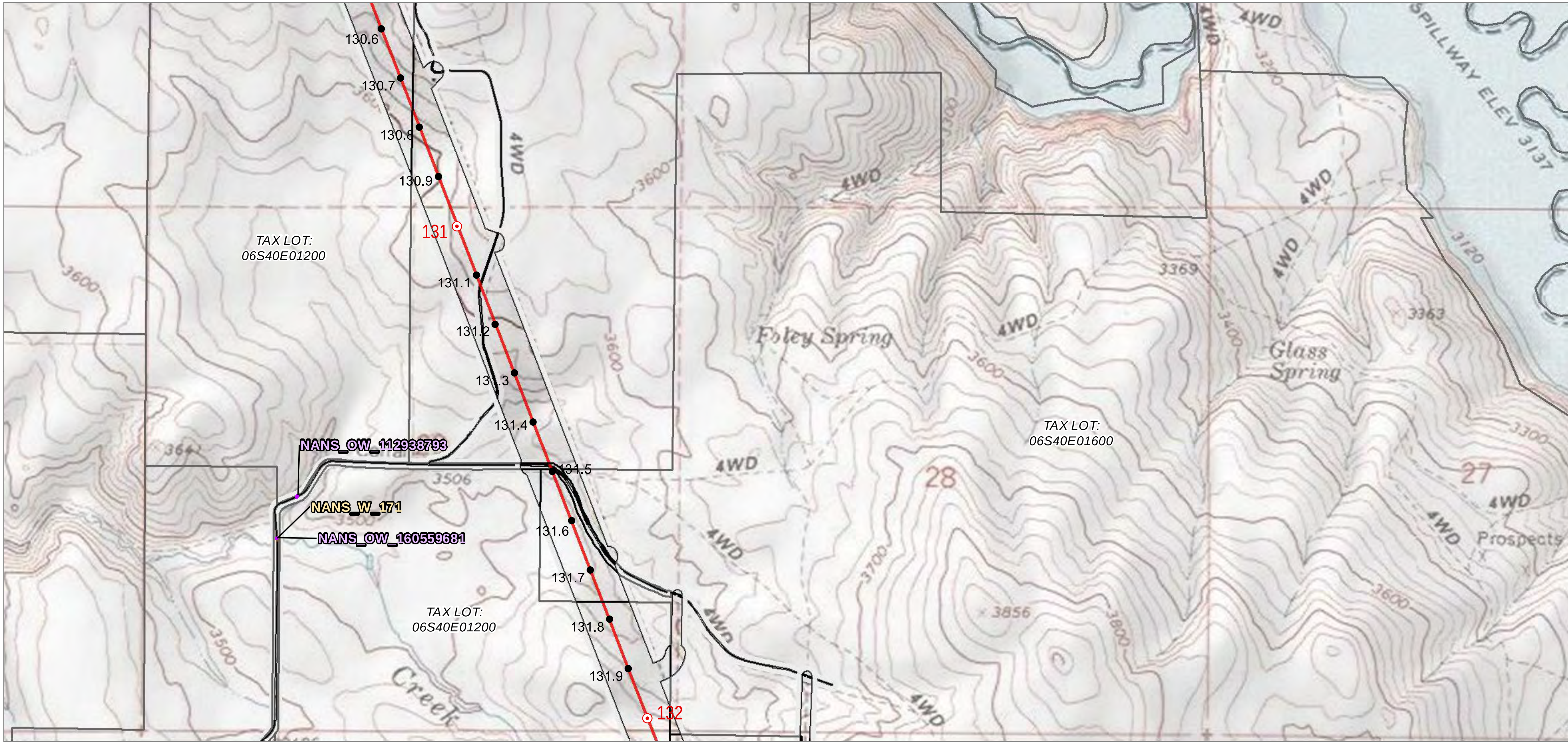
IDAHO POWER
An IDACORP Company

Boardman to Hemingway Transmission Line Project

Appendix C
Joint Permit Application
Location Map

Baker County

Map Index



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Feet

Map Area

OREGON

PROJECT AREA

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

December 2016

Project Features
Site Boundary
Proposed Route
Route Centerline
Proposed Route
Mileposts
Mile

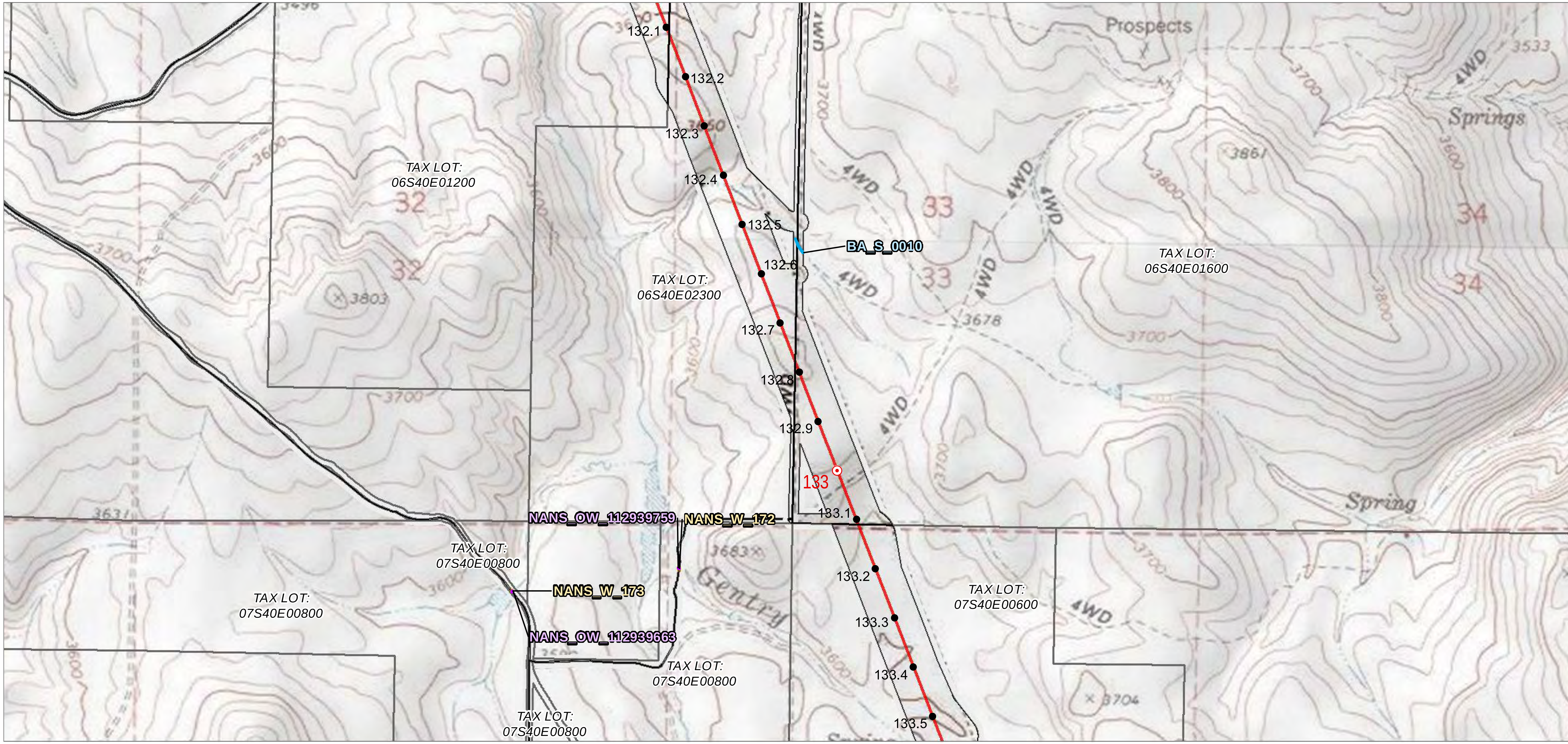
Tenth-mile
Other Waters
NANS Streams (NHD)
Wetland
NANS Wetland (NWI)

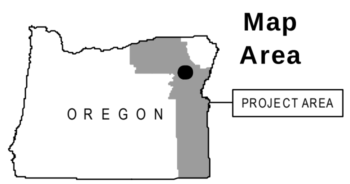
Boardman to Hemingway Transmission Line Project

Appendix C-67

Wetland and Other Waters Impact Sites, Tax Lots and Locations Detail Maps

Baker County





Map Area

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Feet

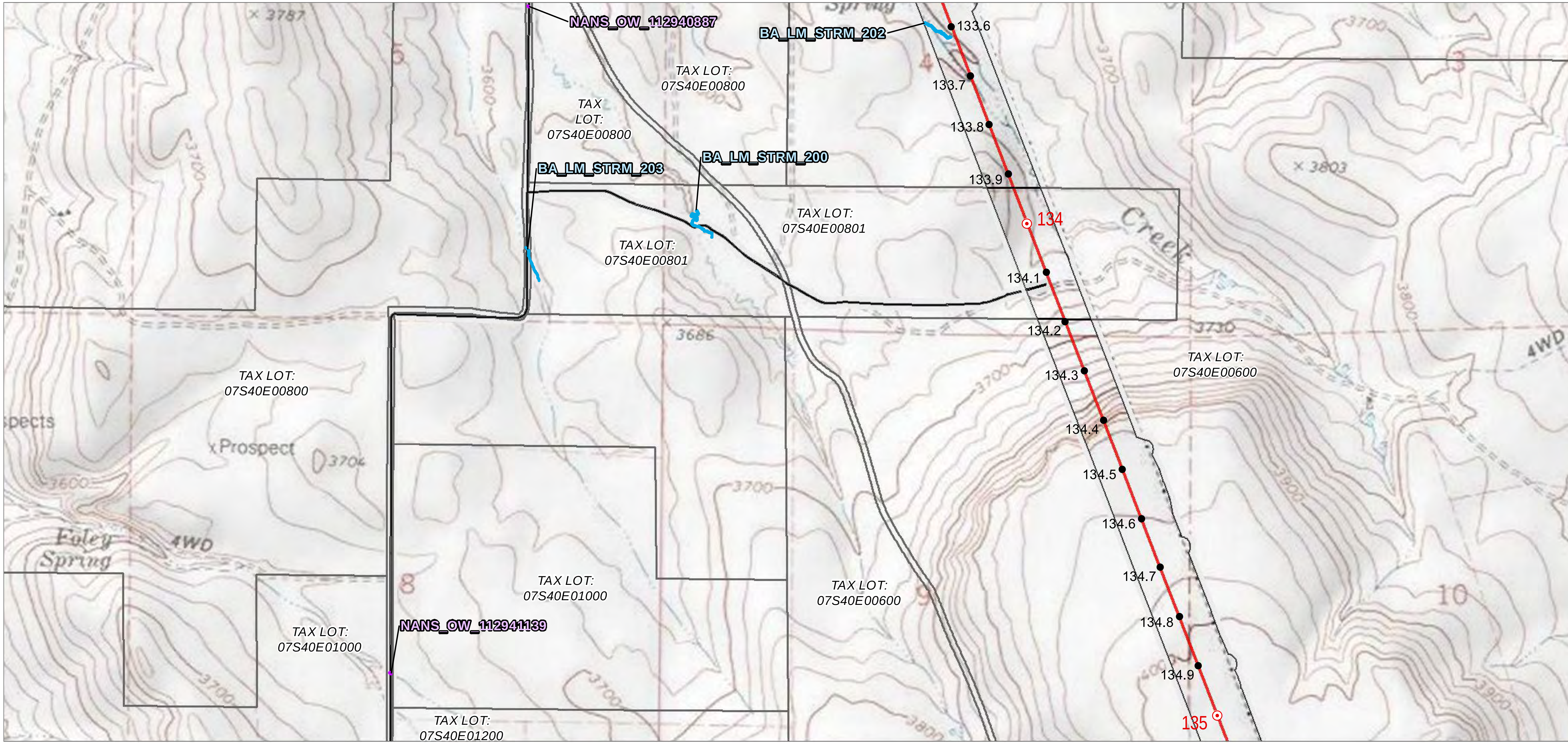
Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, Earthstar Geographics, CNES/Airbus DS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo

December 2016

Project Features
Site Boundary
Proposed Route
Route Centerline
Proposed Route
Mileposts
Mile
Tenth-mile
Other Waters
Field Survey Streams
NANS Streams (NHD)
Wetland
NANS Wetland (NWI)

IDAHO POWER
An IDACORP Company
Boardman to Hemingway
Transmission Line Project

Appendix C-68
Wetland and Other Waters
Impact Sites, Tax Lots and Locations
Detail Maps
Baker County



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Feet

Map Area

OREGON

PROJECT AREA

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

December 2016

Project Features

Site Boundary

Proposed Route

Route Centerline

Proposed Route

Mileposts

Mile

Tenth-mile

Other Waters

Field Survey Streams

NANS Streams (NHD)

IDAHO POWER. An IDACORP Company

Boardman to Hemingway Transmission Line Project

Appendix C-69

Wetland and Other Waters Impact Sites, Tax Lots and Locations Detail Maps

Baker County

Map Area

OREGON

PROJECT AREA

0 1,000

Feet

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

December 2016

Project Features

Site Boundary

Proposed Route

Route Centerline

Proposed Route

Mileposts

Mile

Tenth-mile

Transportation

Interstates or Highways

Other Waters

Field Survey Streams

NANS Streams (NHD)

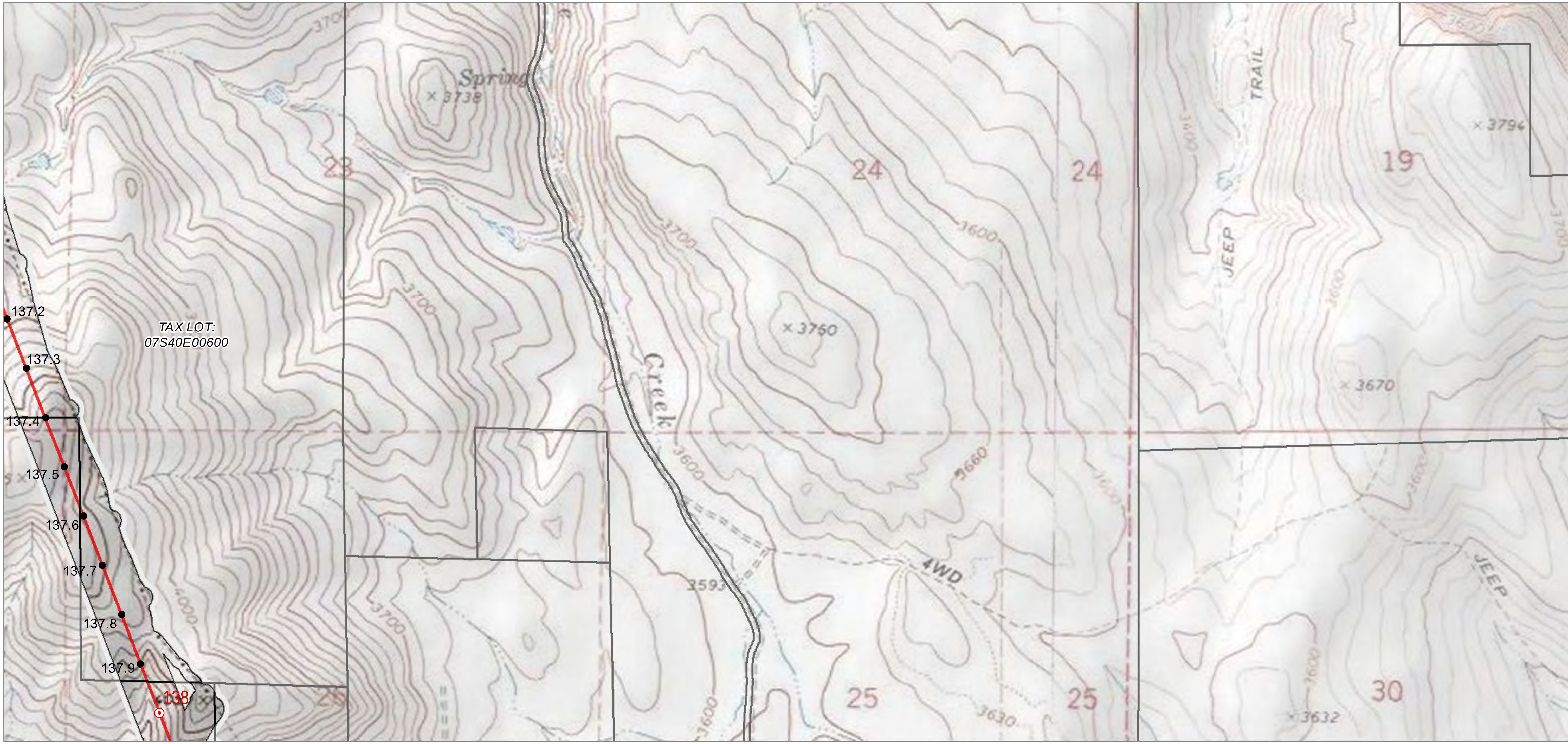
IDAHO POWER. An IDACORP Company

Boardman to Hemingway Transmission Line Project

Appendix C-70

Wetland and Other Waters Impact Sites, Tax Lots and Locations Detail Maps

Baker County



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Feet

Map Area
OREGON
PROJECT AREA

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

December 2016

Project Features
Site Boundary
Proposed Route
Route Centerline
Proposed Route
Mileposts
Mile
Tenth-mile

IDAHO POWER
An IDACORP Company
Boardman to Hemingway Transmission Line Project

Appendix C-71
Wetland and Other Waters Impact Sites, Tax Lots and Locations Detail Maps
Baker County

0 1,000
Feet

Map Area

OREGON

PROJECT AREA

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

December 2016

Project Features

Transportation

Interstates or Highways

Other Major Roads

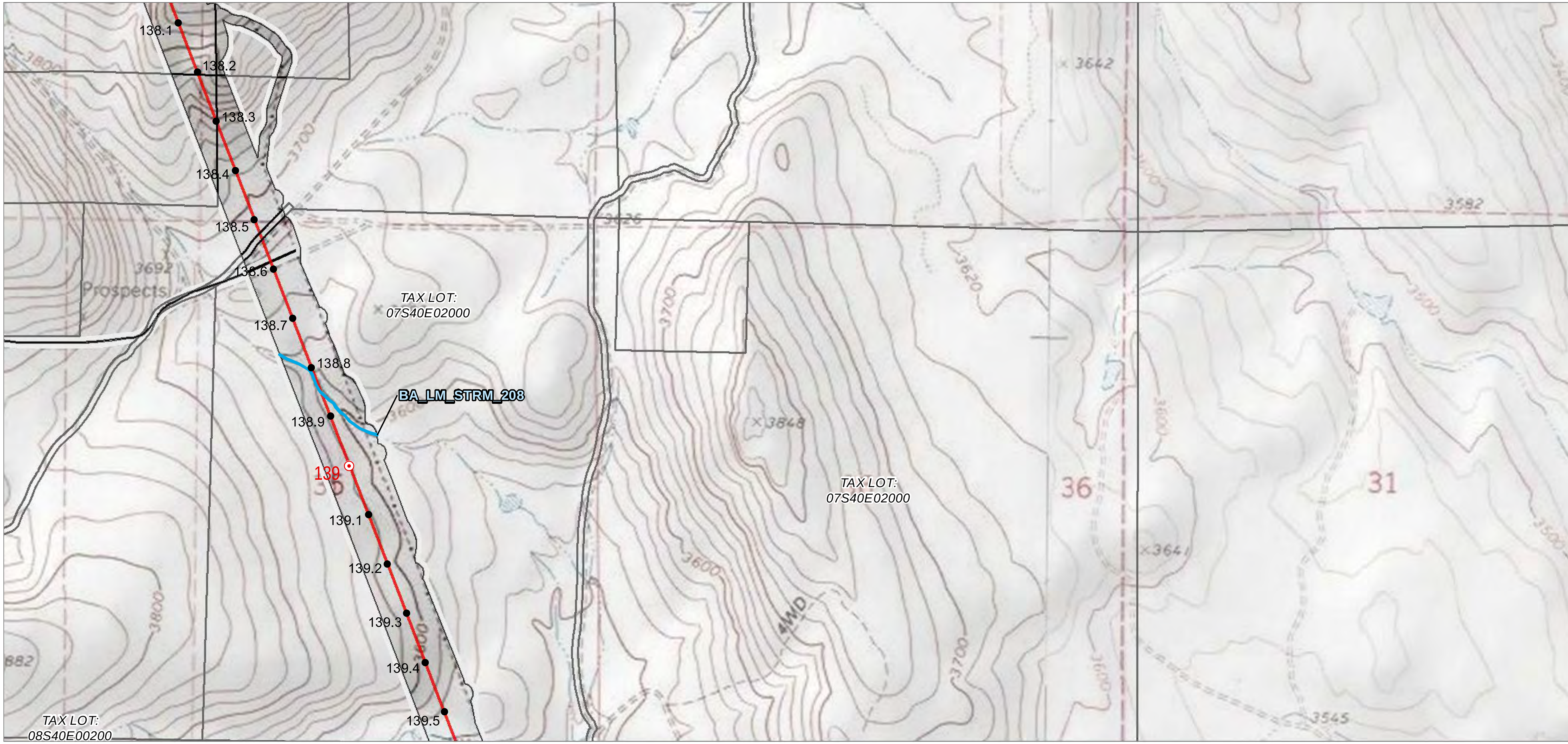
Other Waters

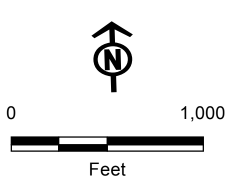
NANS Streams (NHD)

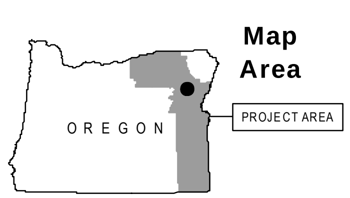
IDAHO POWER. An IDACORP Company

Boardman to Hemingway Transmission Line Project

Appendix C-72
Wetland and Other Waters Impact Sites, Tax Lots and Locations Detail Maps
Baker County







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December 2016

Project Features

Site Boundary

Proposed Route

Route Centerline

Proposed Route

Mileposts

Mile

Tenth-mile

Other Waters

Field Survey Streams

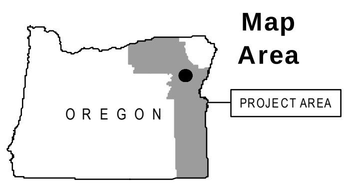
IDAHO POWER An IDACORP Company

Boardman to Hemingway Transmission Line Project

Appendix C-73

Wetland and Other Waters Impact Sites, Tax Lots and Locations Detail Maps

Baker County



Map Area

0 1,000
Feet

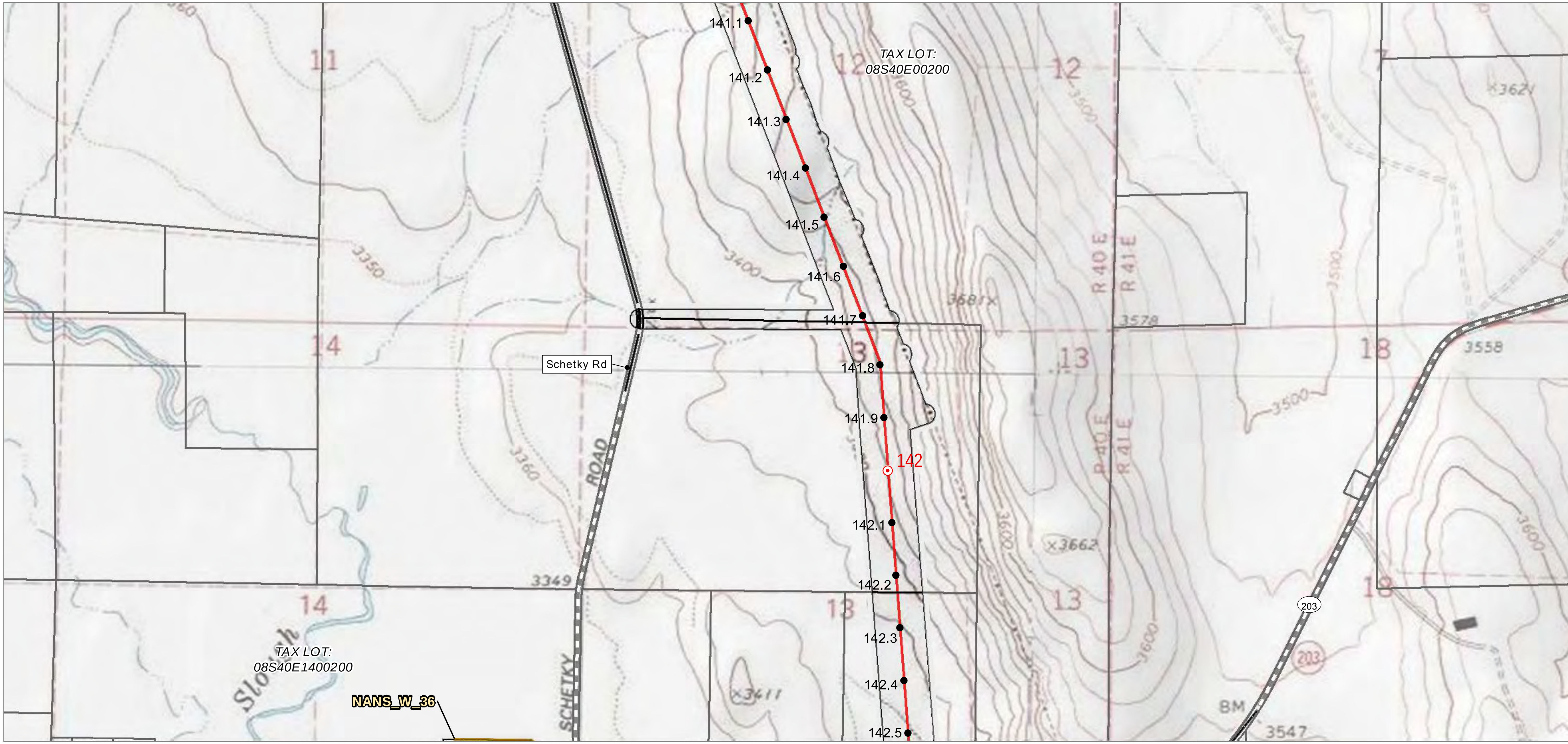
Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, Earthstar Geographics, CNES/Airbus DS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo

December 2016

Project Features
Site Boundary
Proposed Route
Route Centerline
Proposed Route
Mileposts
Mile
Tenth-mile
Transportation
Other Major Roads
Other Waters
NANS Streams (NHD)

Boardman to Hemingway Transmission Line Project

Appendix C-74
Wetland and Other Waters Impact Sites, Tax Lots and Locations Detail Maps
County



0 1,000
Feet

Map Area

OREGON

PROJECT AREA

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

December 2016

Project Features

Site Boundary

Proposed Route

Route Centerline

Proposed Route

Mileposts

Mile

Tenth-mile

Transportation

Other Major Roads

Wetland

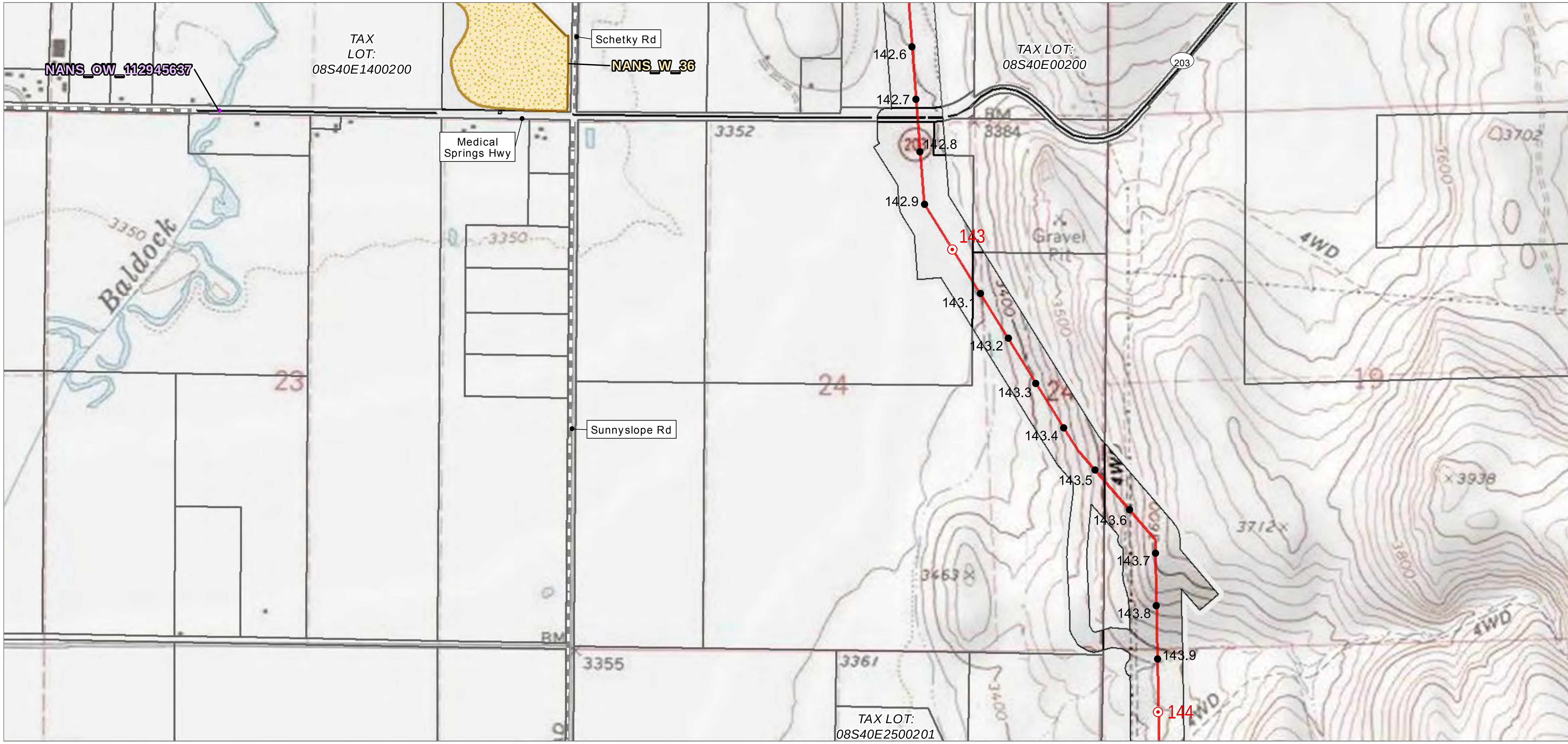
NANS Wetland (NWI)

IDAHO POWER
An IDACORP Company

Boardman to Hemingway
Transmission Line Project

Appendix C-75

Wetland and Other Waters
Impact Sites, Tax Lots and Locations
Detail Maps
Baker County



Project Features
Site Boundary
Proposed Route
Route Centerline
Proposed Route
Mileposts
Mile
Tenth-mile
Transportation
Other Major Roads
Other Waters
NANS Streams (NHD)
Wetland
NANS Wetland (NWI)

0 1,000
Feet

Map Area
OREGON
PROJECT AREA

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

December 2016

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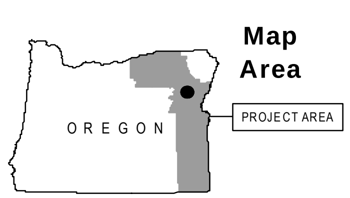
Boardman to Hemingway Transmission Line Project

Appendix C-76

Wetland and Other Waters Impact Sites, Tax Lots and Locations Detail Maps

Baker County



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Feet

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

December 2016

Project Features

Site Boundary

Proposed Route

Route Centerline

Proposed Route

Mileposts

Mile

Tenth-mile

Transportation

Other Major Roads

Other Waters

Field Survey Streams

NANS Streams (NHD)

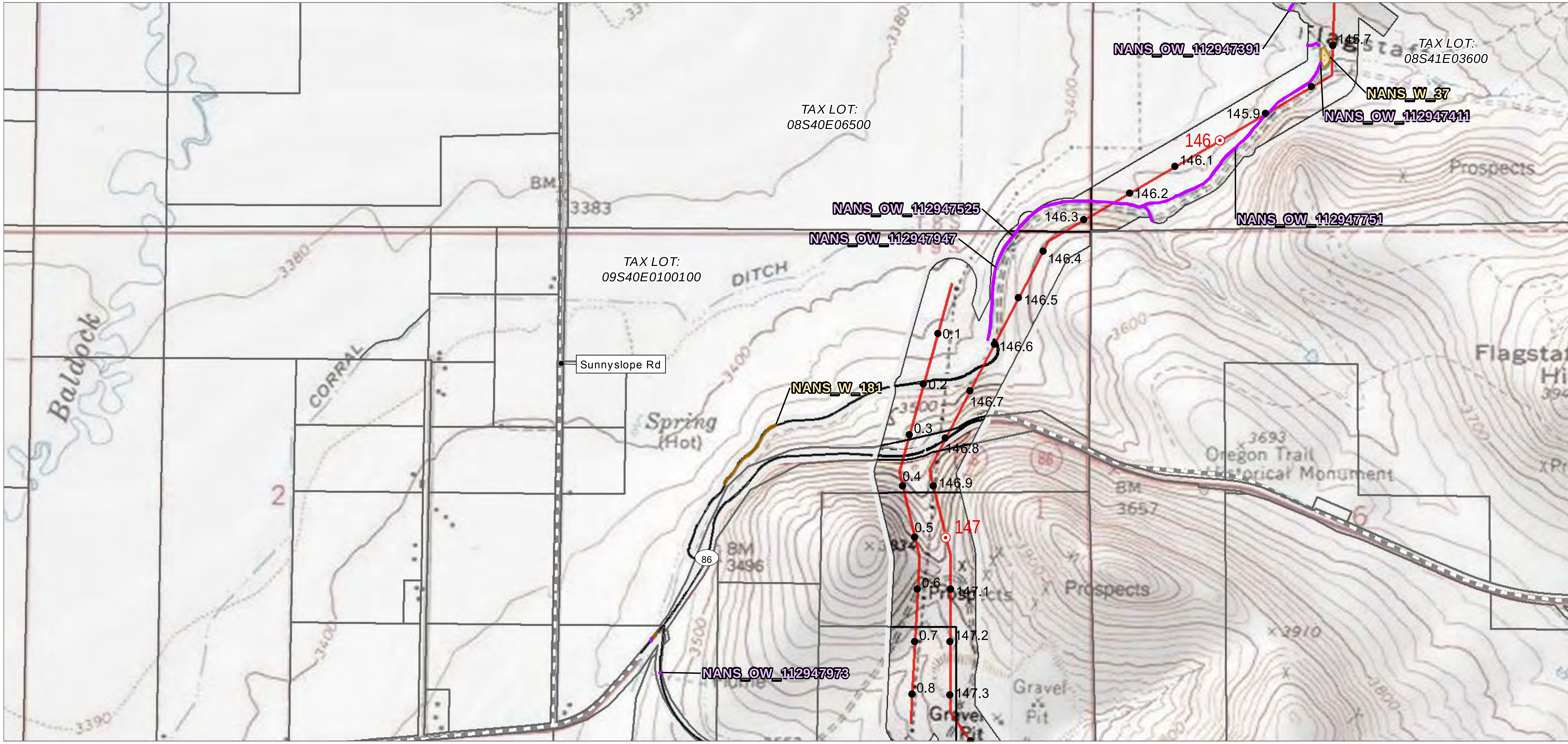
IDAHO POWER An IDACORP Company

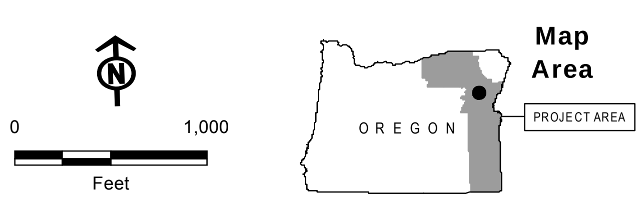
Boardman to Hemingway Transmission Line Project

Appendix C-77

Wetland and Other Waters Impact Sites, Tax Lots and Locations Detail Maps

Baker County





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December 2016

Project Features

Site Boundary

Proposed Route

Route Centerline

Proposed Route

Mileposts

Mile

Tenth-mile

Transportation

Other Major Roads

Other Waters

NANS Streams (NHD)

Wetland

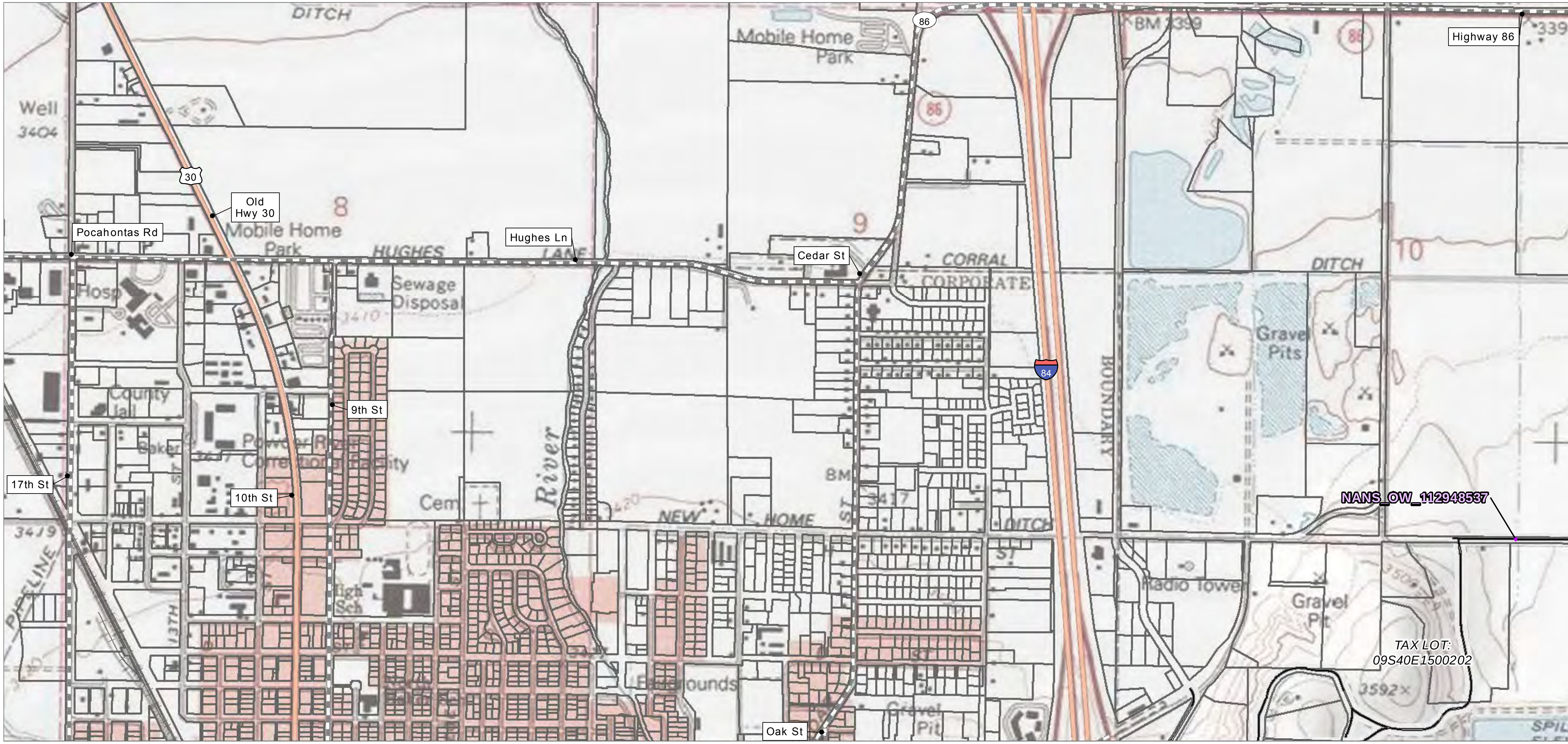
NANS Wetland (NWI)

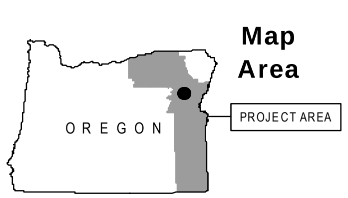
Boardman to Hemingway Transmission Line Project

Appendix C-78

Wetland and Other Waters Impact Sites, Tax Lots and Locations Detail Maps

Baker County





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Project Features
Railroads
Transportation
Interstates or Highways
Other Major Roads
Other Waters
NANS Streams (NHD)

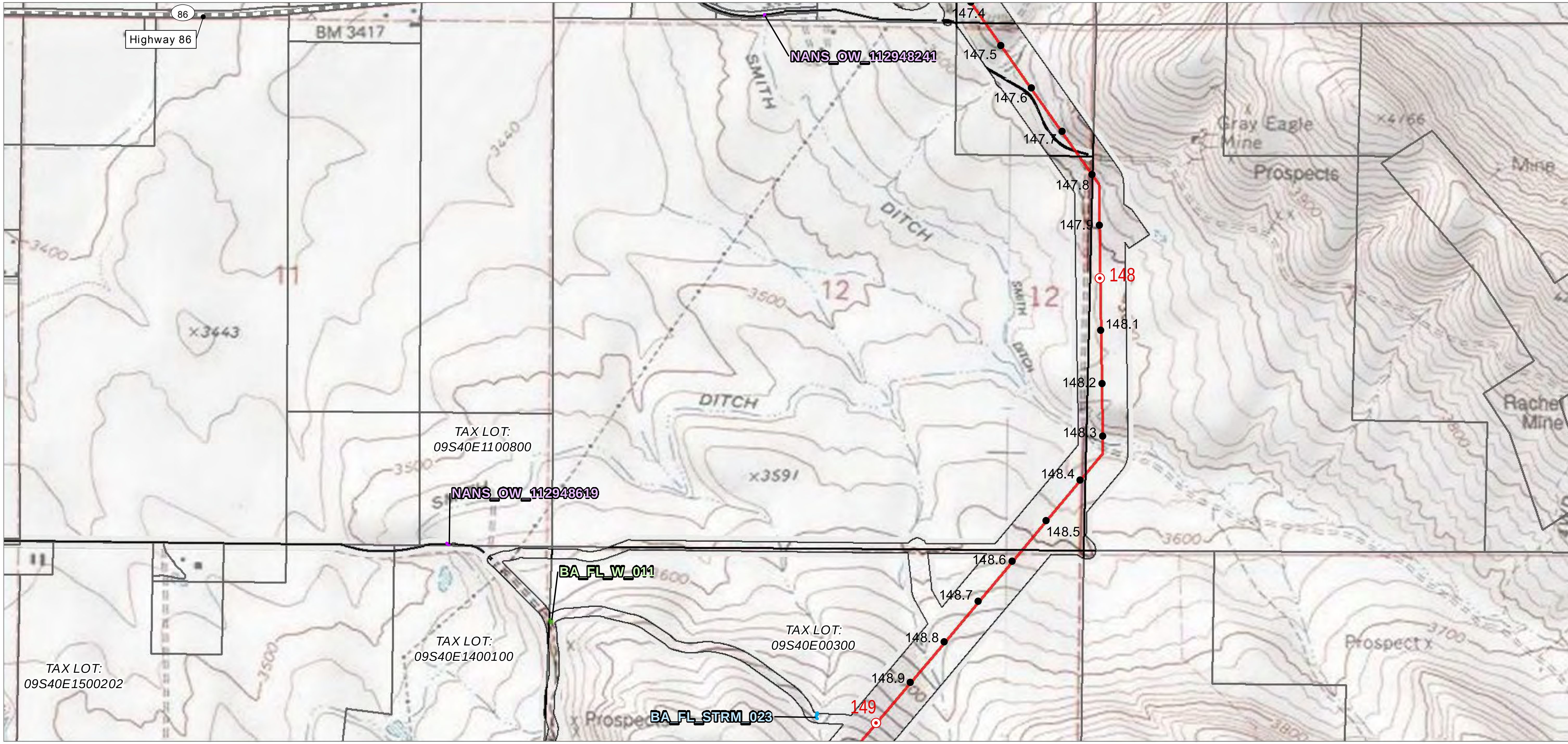
Boardman to Hemingway Transmission Line Project

Appendix C-79

Wetland and Other Waters Impact Sites, Tax Lots and Locations Detail Maps

Baker County

December 2016



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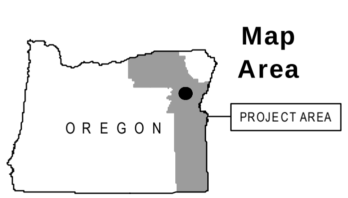

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Project Features

Site Boundary

Proposed Route

Route Centerline

Proposed Route

Mileposts

Mile

Tenth-mile

Transportation

Other Major Roads

Other Waters

Field Survey Streams

NANS Streams (NHD)

Wetland

Field Survey Wetland

IDAHO POWER An IDACORP Company

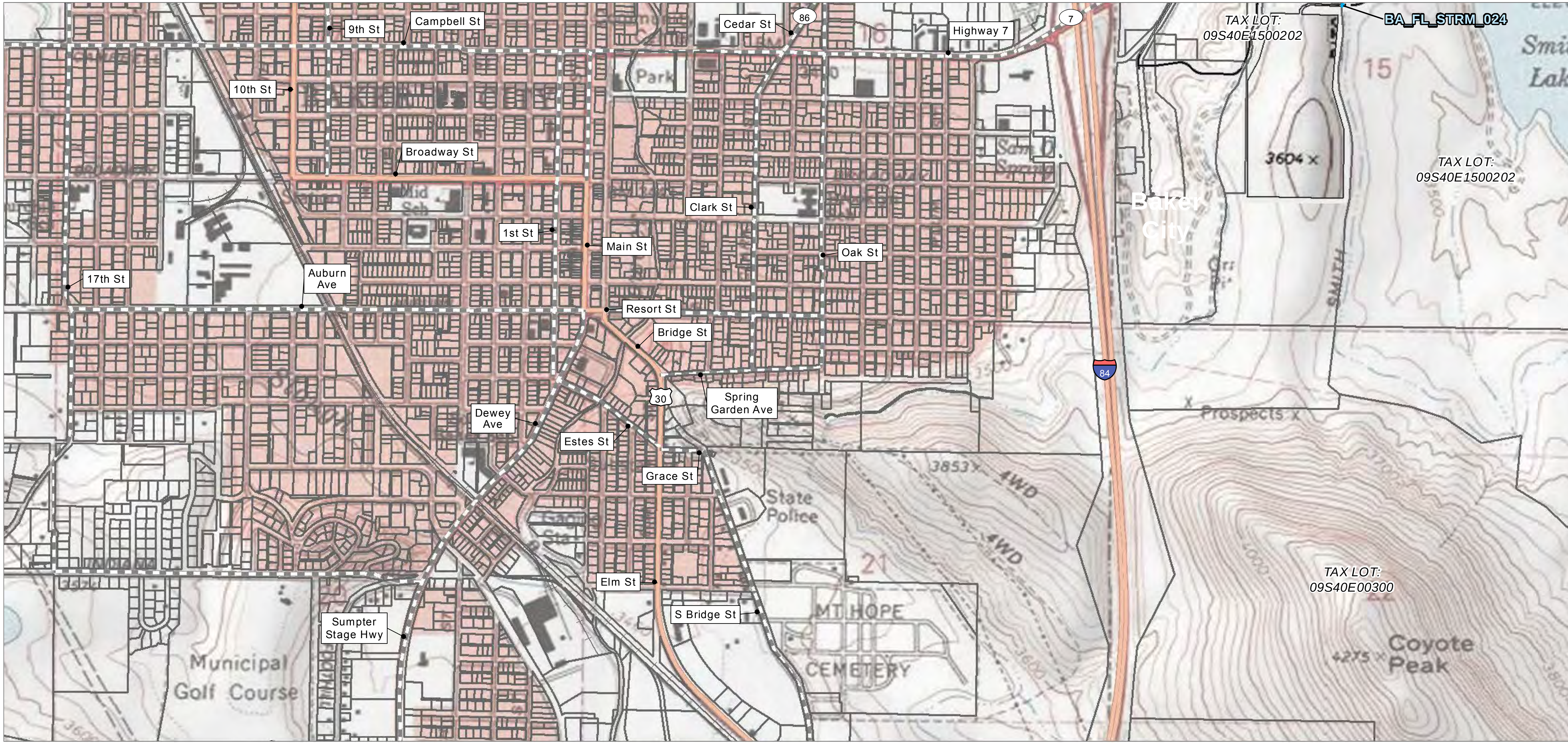
Boardman to Hemingway Transmission Line Project

Appendix C-80

Wetland and Other Waters Impact Sites, Tax Lots and Locations Detail Maps

Baker County

December 2016



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Feet

Map Area

OREGON

PROJECT AREA

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

December 2016

Project Features

Site Boundary

Proposed Route

Railroads

Transportation

Interstates or Highways

Other Major Roads

Other Waters

Field Survey Streams

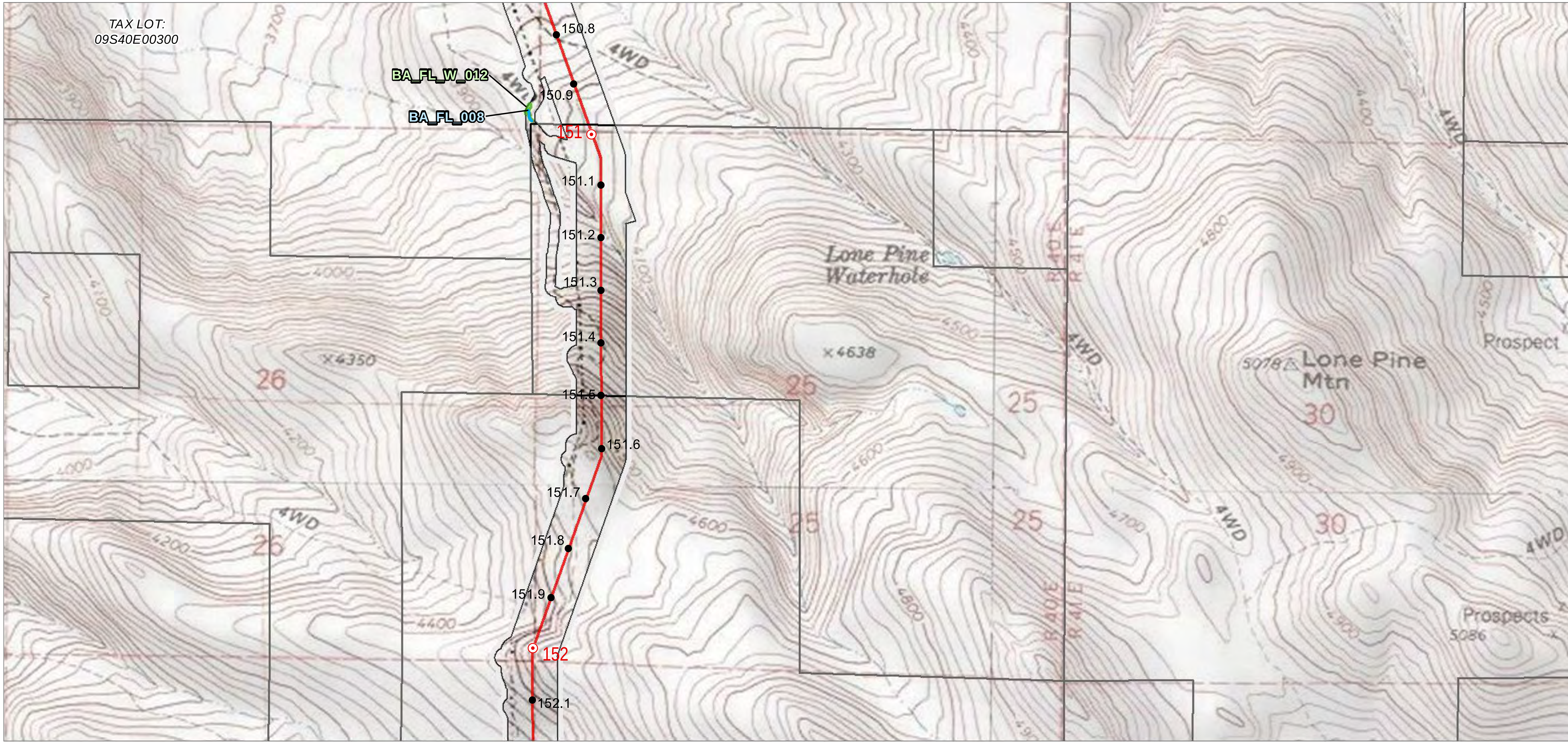
IDAHO POWER. An IDACORP Company

Boardman to Hemingway Transmission Line Project

Appendix C-81

Wetland and Other Waters Impact Sites, Tax Lots and Locations Detail Maps

Baker County



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Project Features

Site Boundary

Proposed Route

Route Centerline

Proposed Route

Mileposts

Mile

Tenth-mile

Other Waters

Field Survey Streams

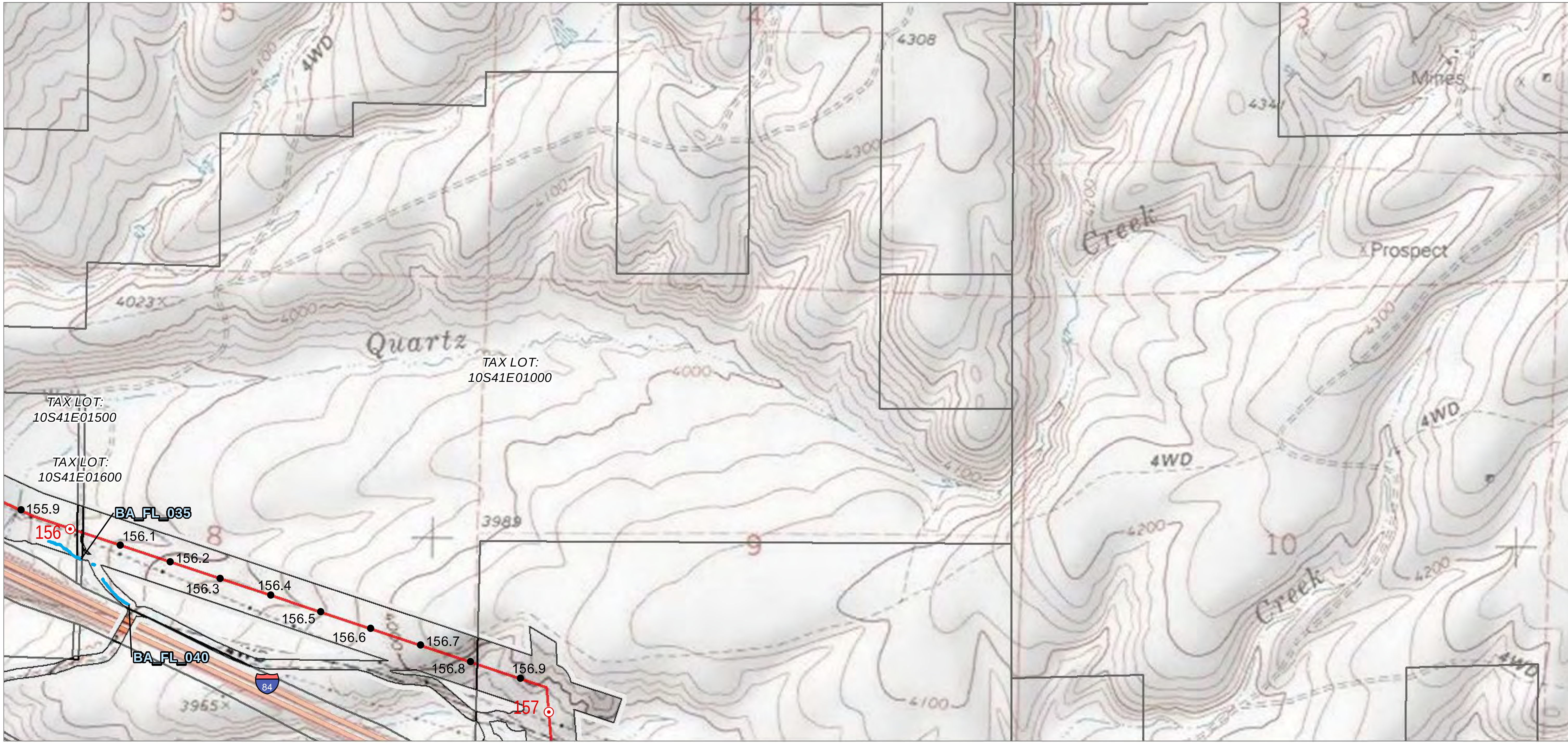
Wetland

Field Survey Wetland

Boardman to Hemingway Transmission Line Project

Appendix C-82
Wetland and Other Waters Impact Sites, Tax Lots and Locations Detail Maps
Baker County

December 2016



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Feet

Map Area
OREGON
PROJECT AREA

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

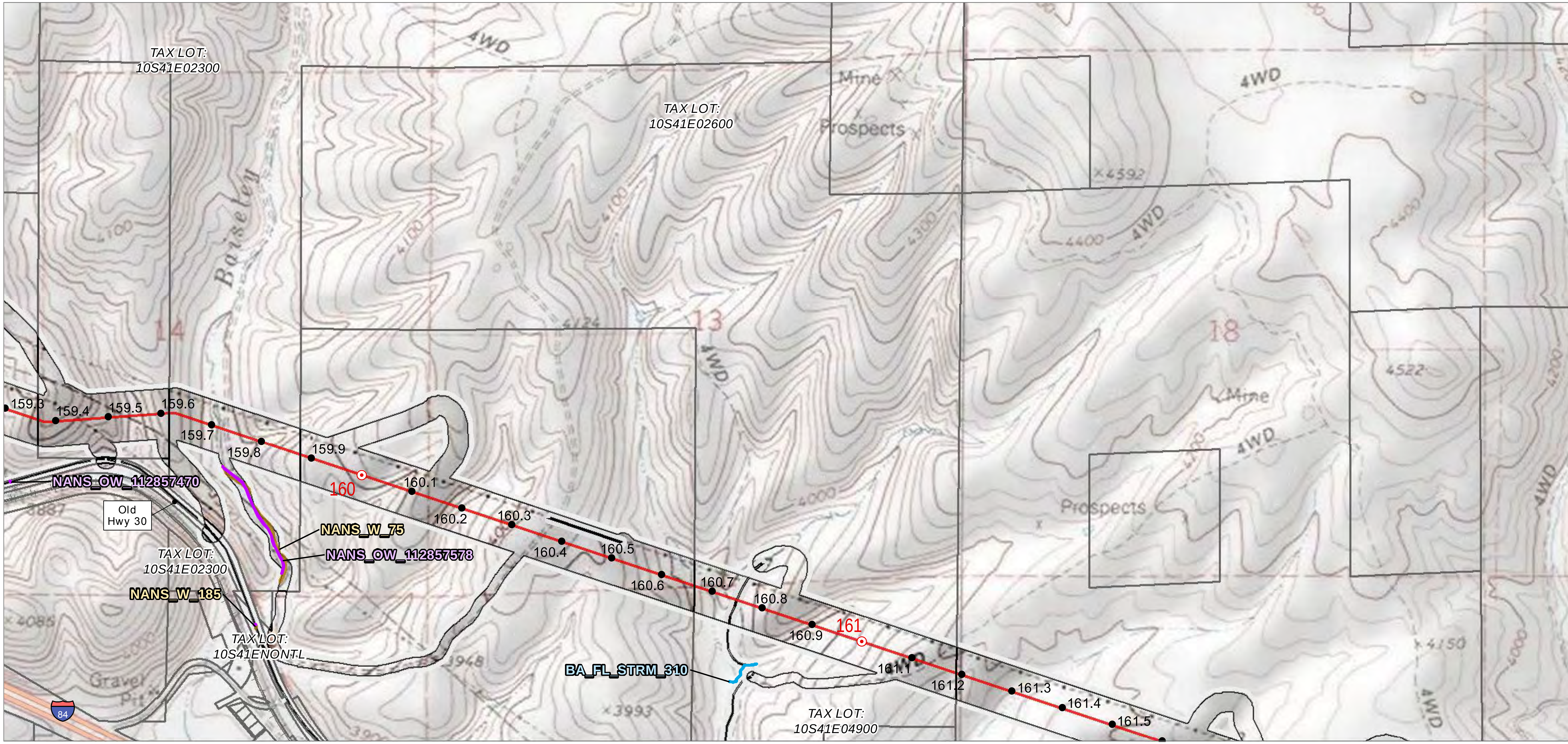
Project Features
Site Boundary
Proposed Route
Route Centerline
Proposed Route
Mileposts
Mile
Tenth-mile
Transportation
Interstates or Highways
Other Major Roads
Other Waters
Field Survey Streams

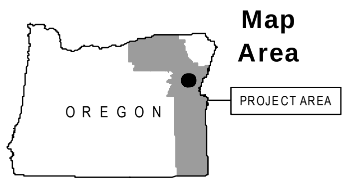
IDAHO POWER
An IDACORP Company

Boardman to Hemingway Transmission Line Project

Appendix C-83
Wetland and Other Waters Impact Sites, Tax Lots and Locations Detail Maps
Baker County

December 2016





Map Area

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Feet

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

December 2016

Project Features

Site Boundary
- Proposed Route

Route Centerline
- Proposed Route
- Railroads

Mileposts
- Mile
- Tenth-mile

Transportation
- Interstates or Highways
- Other Major Roads

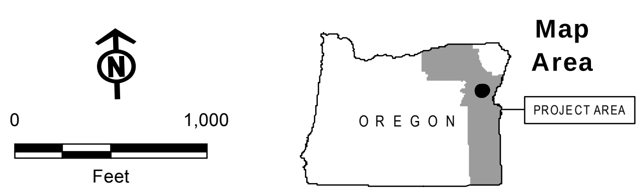
Other Waters
- Field Survey Streams
- NANS Streams (NHD)

Wetland
- NANS Wetland (NWI)

Boardman to Hemingway
Transmission Line Project

Appendix C-84

Wetland and Other Waters
Impact Sites, Tax Lots and Locations
Detail Maps
Baker County



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

December 2016

Project Features

Site Boundary
- Proposed Route

Route Centerline
- Proposed Route
- Railroads

Mileposts
- Mile
- Tenth-mile

Transportation
- Interstates or Highways
- Other Major Roads

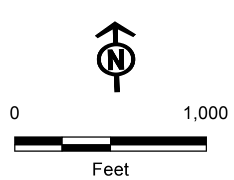
Other Waters
- NANS Streams (NHD)

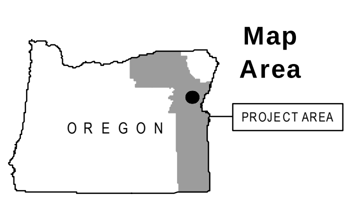
Wetland
- NANS Wetland (NWI)

Boardman to Hemingway
Transmission Line Project

Appendix C-85

Wetland and Other Waters
Impact Sites, Tax Lots and Locations
Detail Maps
Baker County





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December 2016

Project Features

Site Boundary

Proposed Route

Route Centerline

Proposed Route

Mileposts

Mile

Tenth-mile

Other Waters

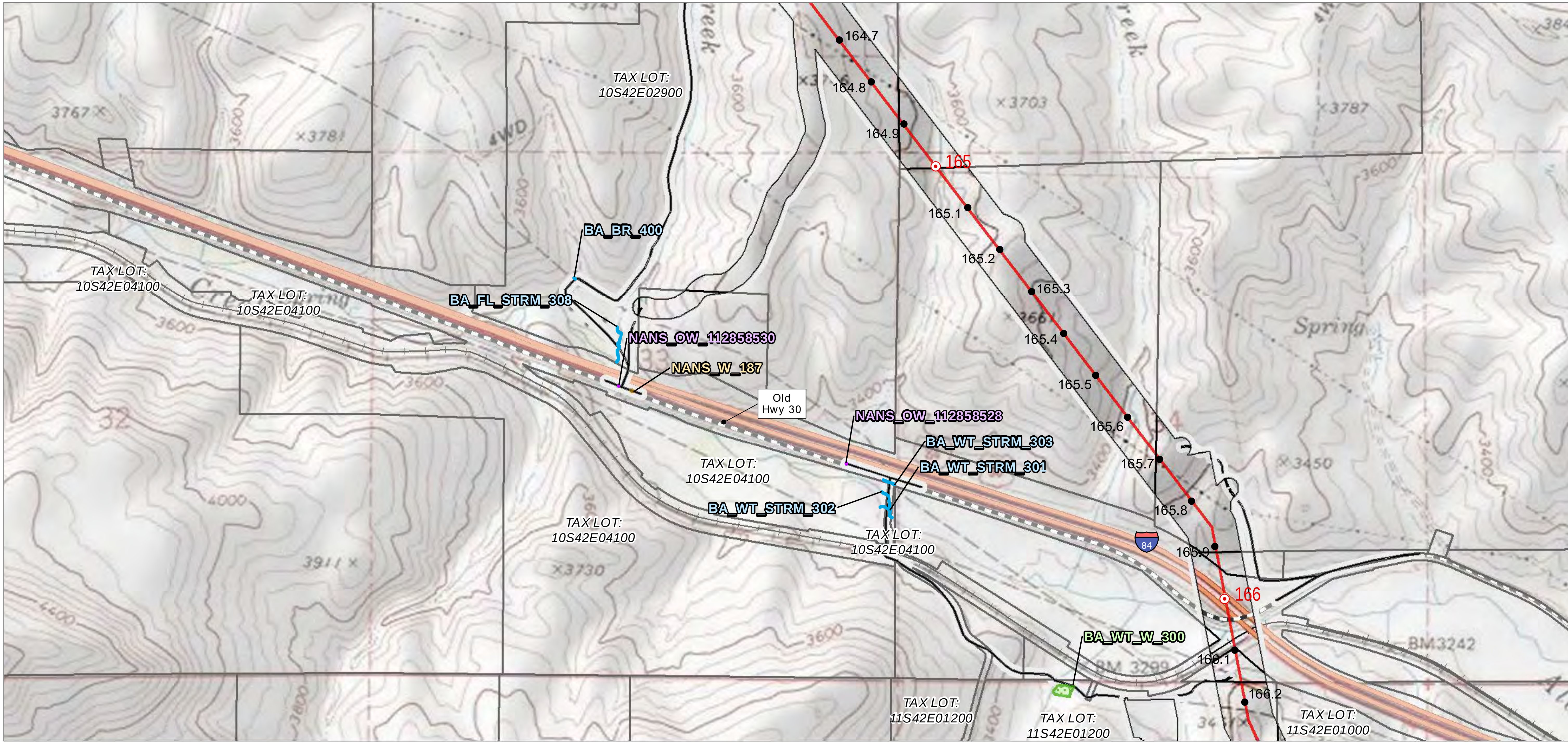
Field Survey Streams

Boardman to Hemingway Transmission Line Project

Appendix C-86

Wetland and Other Waters Impact Sites, Tax Lots and Locations Detail Maps

Baker County



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Feet

Map Area
OREGON
PROJECT AREA

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

Project Features
Site Boundary
Proposed Route
Route Centerline
Proposed Route
Railroads

Mileposts
Mile
Tenth-mile
Transportation
Interstates or Highways
Other Major Roads

Other Waters
Field Survey Streams
NANS Streams (NHD)
Wetland
Field Survey Wetland
NANS Wetland (NWI)

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Boardman to Hemingway Transmission Line Project

Appendix C-87

Wetland and Other Waters Impact Sites, Tax Lots and Locations Detail Maps

Baker County

December 2016

Map Area

OREGON

PROJECT AREA

0 1,000

Feet

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

December 2016

Project Features

Site Boundary

Proposed Route

Route Centerline

Proposed Route

Railroads

Mileposts

Mile

Tenth-mile

Transportation

Interstates or Highways

Other Waters

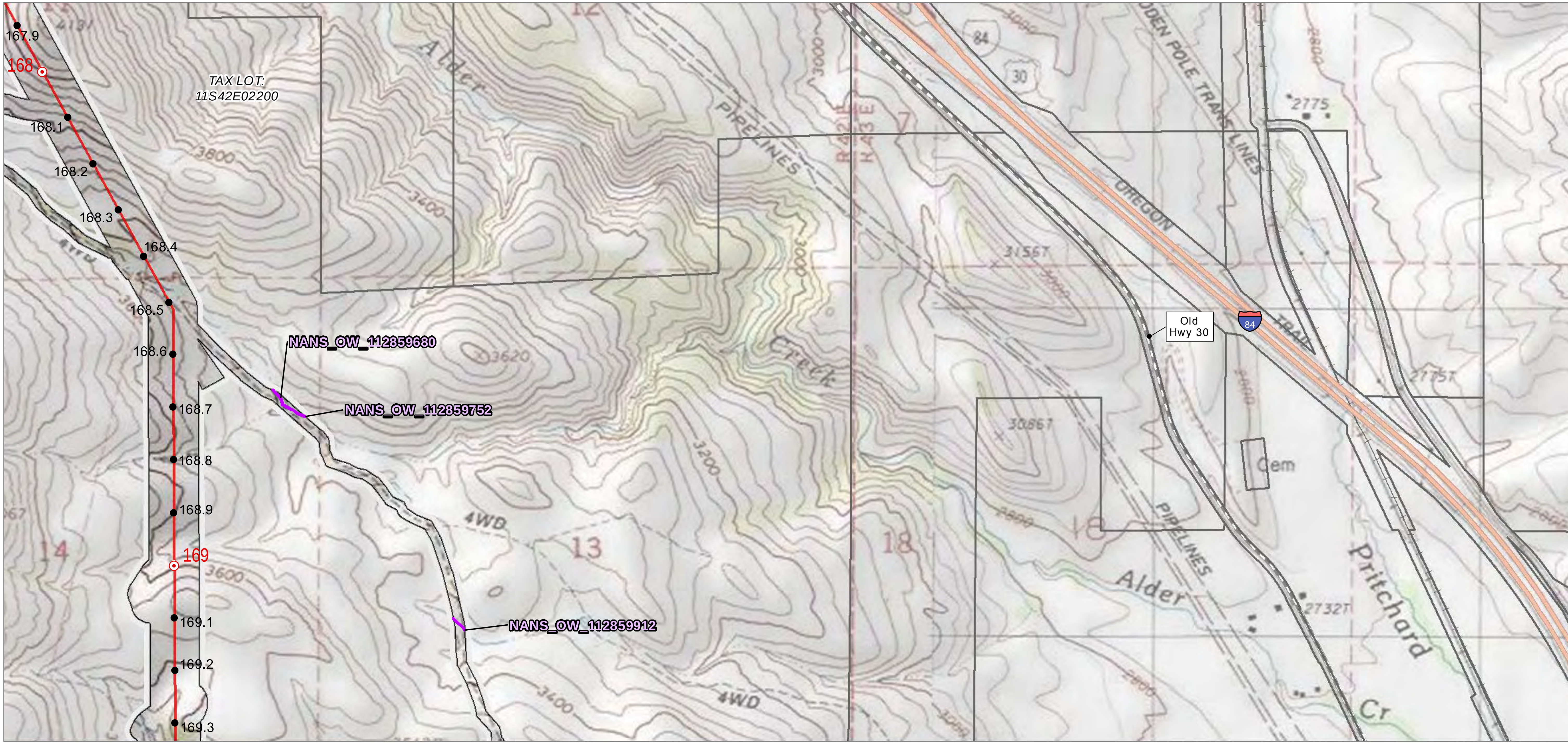
Field Survey Streams

Boardman to Hemingway Transmission Line Project

Appendix C-88

Wetland and Other Waters Impact Sites, Tax Lots and Locations Detail Maps

Baker County



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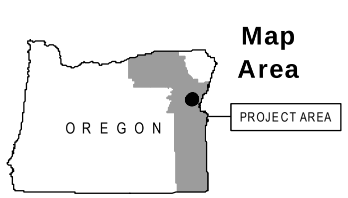

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December 2016

Project Features

Site Boundary

Proposed Route

Route Centerline

Proposed Route

Railroads

Mileposts

Mile

Tenth-mile

Transportation

Interstates or Highways

Other Major Roads

Other Waters

NANS Streams (NHD)

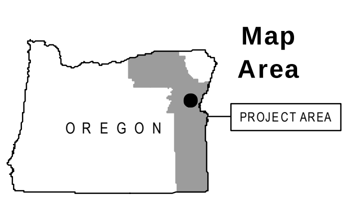
IDAHO POWER. An IDACORP Company

Boardman to Hemingway Transmission Line Project

Appendix C-89

Wetland and Other Waters Impact Sites, Tax Lots and Locations Detail Maps

Baker County



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

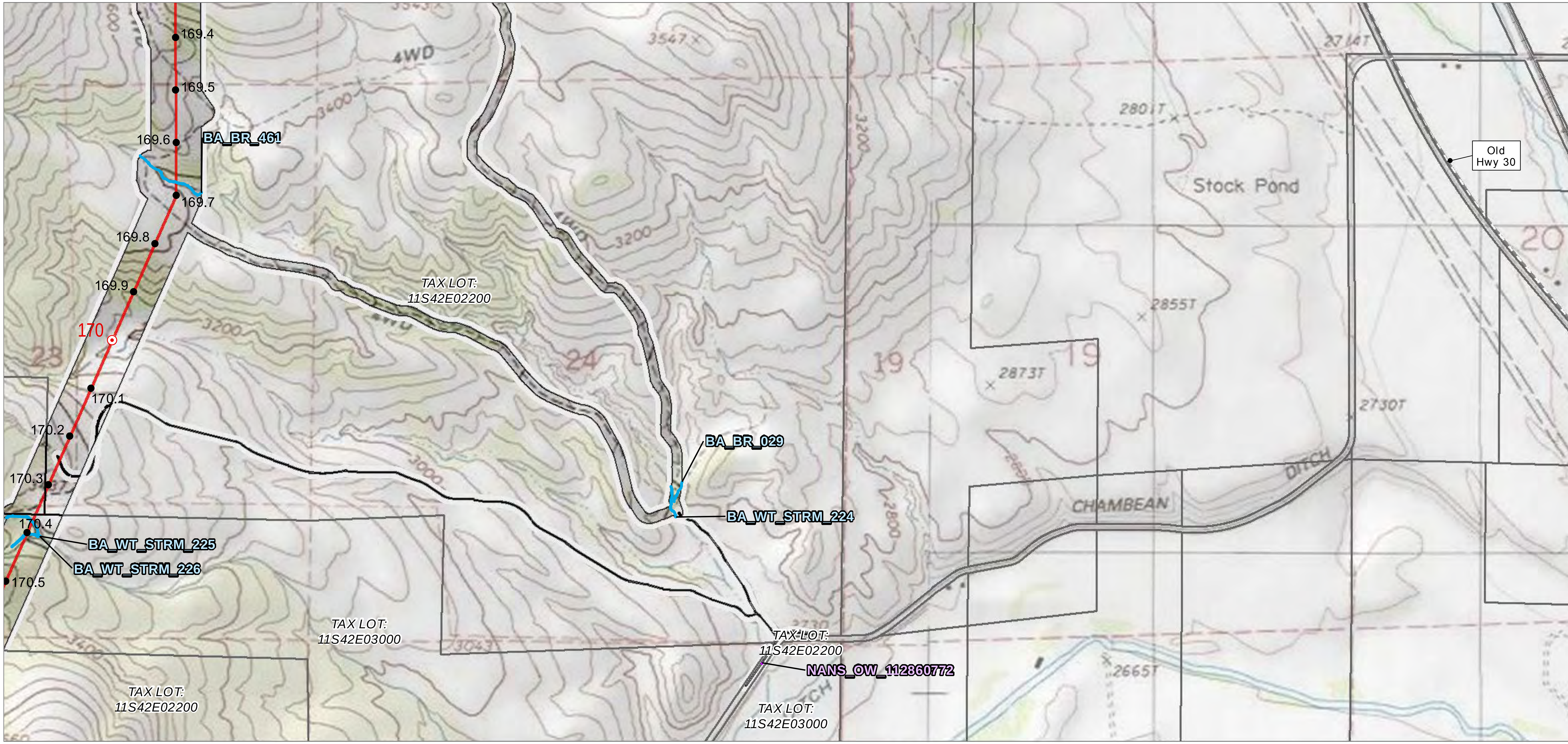
Project Features
Site Boundary
Proposed Route
Route Centerline
Proposed Route
Mileposts
Tenth-mile

Other Waters
Field Survey Streams

Boardman to Hemingway Transmission Line Project

Appendix C-90
Wetland and Other Waters Impact Sites, Tax Lots and Locations Detail Maps
Baker County

December 2016



Map Area

OREGON

PROJECT AREA

0 1,000

Feet

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

Project Features

Site Boundary

Proposed Route

Route Centerline

Proposed Route

Railroads

Mileposts

Mile

Tenth-mile

Transportation

Other Major Roads

Other Waters

Field Survey Streams

NANS Streams (NHD)

IDAHO POWER An IDACORP Company

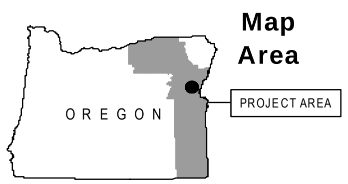
Boardman to Hemingway Transmission Line Project

Appendix C-91

Wetland and Other Waters Impact Sites, Tax Lots and Locations Detail Maps

Baker County

December 2016



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Feet

Project Features

Site Boundary

Proposed Route

Other Waters

Field Survey Streams

NANS Streams (NHD)

Wetland

Field Survey Wetland

NANS Wetland (NWI)

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

Boardman to Hemingway Transmission Line Project

Appendix C-92

Wetland and Other Waters Impact Sites, Tax Lots and Locations Detail Maps

Baker County

December 2016

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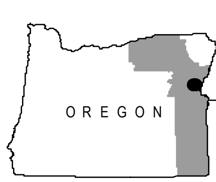
Feet

Map Area



OREGON

PROJECT AREA

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

December 2016

Project Features
- Railroads

Transportation
- Interstates or Highways
- Other Major Roads

Other Waters
- NANS Streams (NHD)

Wetland
- NANS Wetland (NWI)

IDAHO POWER
An IDACORP Company

Boardman to Hemingway Transmission Line Project

Appendix C-93

Wetland and Other Waters Impact Sites, Tax Lots and Locations Detail Maps

Baker County

0 1,000
Feet

Map Area

OREGON

PROJECT AREA

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

December 2016

Project Features
Site Boundary
Proposed Route
Route Centerline
Proposed Route
Mileposts
Mile
Tenth-mile
Other Waters
Field Survey Streams
NANS Streams (NHD)
Wetland
Field Survey Wetland

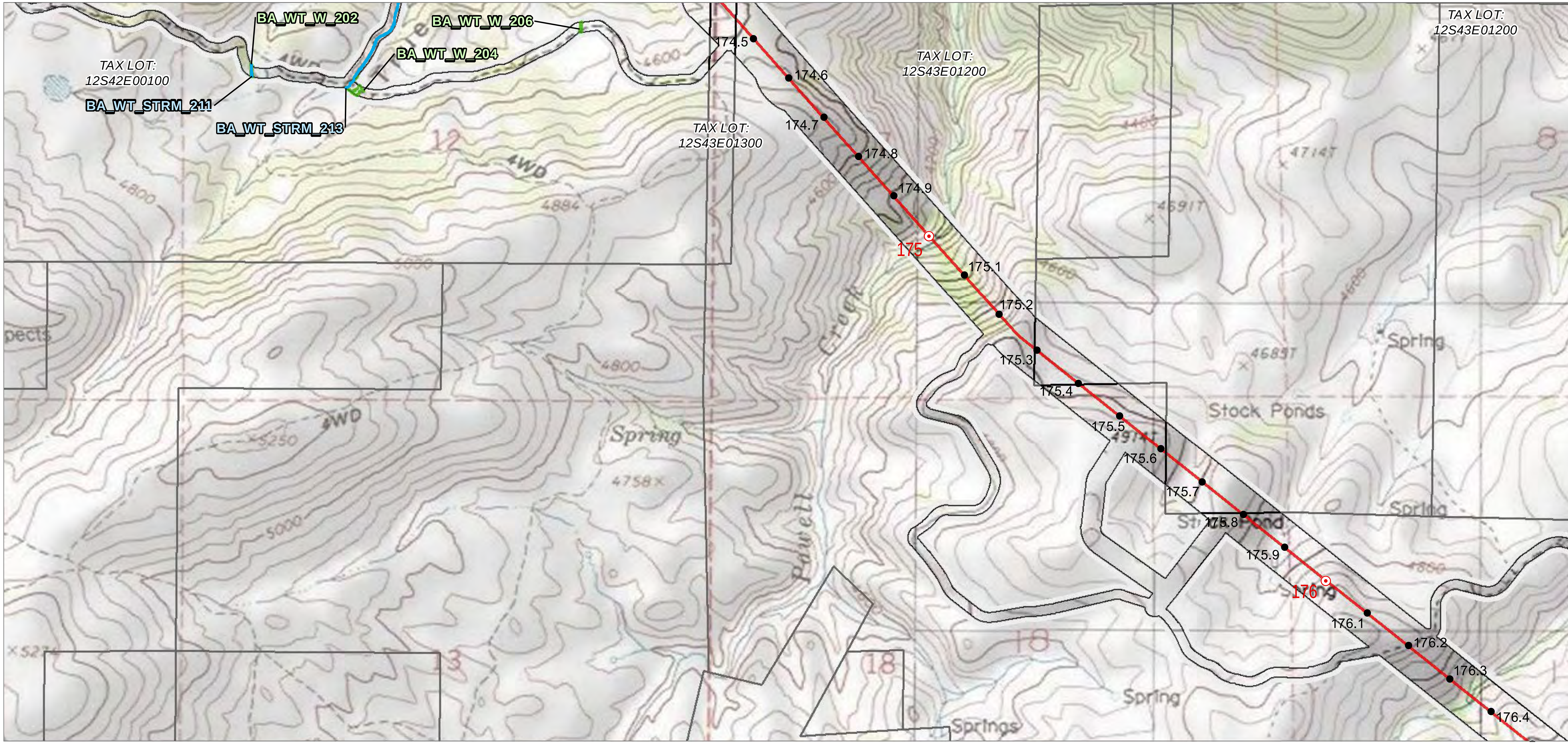
IDAHO POWER. An IDACORP Company

Boardman to Hemingway Transmission Line Project

Appendix C-94

Wetland and Other Waters Impact Sites, Tax Lots and Locations Detail Maps

Baker County



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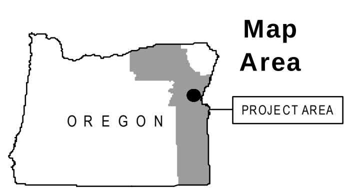

Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, Earthstar Geographics, CNES/Airbus DS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo

December 2016

Project Features
Site Boundary
Proposed Route
Route Centerline
Proposed Route
Mileposts
Mile
Tenth-mile
Other Waters
Field Survey Streams
Wetland
Field Survey Wetland

IDAHO POWER
An IDACORP Company

Boardman to Hemingway
Transmission Line Project

Appendix C-95
Wetland and Other Waters
Impact Sites, Tax Lots and Locations
Detail Maps
Baker County

Map
Area

OREGON
PROJECT AREA

0 1,000
Feet

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

December 2016

Project Features
Site Boundary
Proposed Route
Railroads
Transportation
Interstates or Highways
Other Major Roads

Other Waters
Field Survey Streams

Boardman to Hemingway
Transmission Line Project

Appendix C-96
Wetland and Other Waters
Impact Sites, Tax Lots and Locations
Detail Maps
Baker County