Source(s): BLM, FFC, OSFY, ODOT, MPS, USDA, USFS, USGS, Ventyx, Esri, GeoEye, DigitalGlobe, GeoEyes, CNES/Airbus DS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo
Image Source: National Agricultural Imagery Program 2016

Coordinate System: NAD 1983 2011 Oregon Statewide Lambert Ft Intl
Projection: Lambert Conformal Conic
Datum: NAD 1983 2011

Figure A-3.29
Wetland and Other Waters Delineation Report
NWI and NHD
Union County

Boardman to Hemingway Transmission Line Project
Application for Site Certificate

Project Features
- Site Boundary
- Alternative
- Mileposts

Wetlands and Streams
- National Hydrography Dataset
- National Wetland Inventory

Source(s): BLM, FFC, OSFY, ODOT, MPS, USDA, USFS, USGS, Ventyx, Esri, GeoEye, Earthstar Geographics, iNSPIRE USGS, AEX, Esri, Clearview Maps, ArcGIS OR, IGP, swisstopo
Image Source: National Agricultural Imagery Program 2016
Coordinate System: NAD 1983 2011 Oregon Statewide Lambert Ft Intl
Projection: Lambert Conformal Conic
Datum: NAD 1983 2011

Figure A-3.29
Wetland and Other Waters Delineation Report
NWI and NHD
Union County

Boardman to Hemingway Transmission Line Project
Application for Site Certificate
Figure A-3.32
Wetland and Other Waters Delineation Report

Wetlands and Streams
National Hydrography Dataset
National Wetland Inventory

Other Features
Interstates or Highways

Project Features
Site Boundary
Proposed Route
Alternative

Mileposts
Mile
Tenth-mile
Index Map Extent

Coordinate System: NAD 1983 2011 Oregon Statewide Lambert Ft Intl
Projection: Lambert Conformal Conic
Datum: NAD 1983 2011

Source(s): BLM, IPC, ODF, ODOT, MPS, USDA, USFWS, USGS, Ventyx, Esri, Geographics, CNES/Airbus DS, USGS, Vanetis, Geosolutions, National Agricultural Imagery Program 2016

Image Source: National Agricultural Imagery Program 2016
Project Features
- Site Boundary
- Index Map Extent

Wetlands and Streams
- National Hydrography Dataset
- National Wetland Inventory

Other Features
- Interstates or Highways
- Other Major Roads
- Railroads

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

Image Source: National Agricultural Imagery Program 2016
Figure A-3.41
Wetland and Other Waters Delineation Report
NWI and NHD
Baker County
Figure A-3.43
Wetland and Other Waters
Delineation Report
NWI and NHD
Baker County
Figure A-3.44
Wetland and Other Waters Delineation Report
NWI and NHD
Baker County

Source(s): BLM, FTC, DOI/NOAA, NPS, USDA, USGS, Wetland Delineation, Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, 3DE, GeoEye-Imagery, IGP, swisstopo
Image Source: National Agriculture Imagery Program 2016
Datum: NAD 1983 2011

Figure A-3.46
Wetland and Other Waters Delineation Report
NWI and NHD
Baker County
Figure A-3.51
Wetland and Other Waters Delineation Report
NWI and NHD
Baker County
Figure A-3.55
Wetland and Other Waters Delineation Report
NWII and NHD
Baker County
Figure A-3.59
Wetland and Other Waters Delineation Report
NWI and NHD
Baker County

Source(s): BLM, FTC, ODOT, COOT, NPS, USDA, USFS, EPA, Esri, DigitalGlobe, GeoEyes, Earthstar Geographics, i-NXt/AirUs D2, 3DE, Environmental Mapping, Aeryal, OR, Vents, geologis
Image Sources: National Agriculture Imagery Program 2016
Projection: Lambert Conformal Conic
Datum: NAD 1983 2011
Boardman to Hemingway Transmission Line Project Application for Site Certificate

Figure A-3.73
Wetland and Other Waters Delineation Report
NWI and NHD
Malheur County

Source(s): BLM, FC, ODOT, ODF, USDA, USFWS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, Earthstar Geographics, CNES/Airbus DS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo
Image Source: National Agricultural Imagery Program 2016
Coordinate System: NAD 1983 2011 Oregon Statewide Lambert Foot
Projection: Lambert Conformal Conic
Datum: NAD 1983 2011

Project Features
- Site Boundary
- Proposed Route
- Mileposts
- Interstate or Highways
- Wetlands and Streams
- National Hydrography Dataset
- National Wetland Inventory

Legend:
- Site Boundary
- Proposed Route
- Mileposts
- Interstate or Highways
- Wetlands and Streams
- National Hydrography Dataset
- National Wetland Inventory

Map Area:
Source(s): BLM, FC, ODOT, ODF, USDA, USFWS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, Earthstar Geographics, CNES/Airbus DS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo
Image Source: National Agricultural Imagery Program 2016
Coordinate System: NAD 1983 2011 Oregon Statewide Lambert Foot
Projection: Lambert Conformal Conic
Datum: NAD 1983 2011

Figure A-3.73
Wetland and Other Waters Delineation Report
NWI and NHD
Malheur County

Source(s): BLM, FC, ODOT, ODF, USDA, USFWS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, Earthstar Geographics, CNES/Airbus DS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo
Image Source: National Agricultural Imagery Program 2016
Coordinate System: NAD 1983 2011 Oregon Statewide Lambert Foot
Projection: Lambert Conformal Conic
Datum: NAD 1983 2011
Figure A-3.77
Wetland and Other Waters Delineation Report
NWI and NHD
Malheur County
Figure A-3.79
Wetland and Other Waters
Delineation Report
NWI and NHD
Malheur County


Coordinate System: NAD 1983 2011 Oregon Statewide Lambert Conformal
Projection: Lambert Conformal Conic
Datum: NAD 1983 2011

Project Features
- Site Boundary
- Proposed Route
- Mileposts
- Mile
- Tenth-mile
- Index Map Extent

Wetlands and Streams
- National Hydrography Dataset
- National Wetland Inventory
Figure A-3.86
Wetland and Other Waters Delineation Report
NWI and NHD
Malheur County
Figure A-3.87
Wetland and Other Waters Delineation Report
NWI and NHD
Malheur County
Figure 5.8
Project Features
- Site Boundary
- Proposed Route

Mileposts
- Mile
- Tenth-mile

National Resource Conservation Service
- Soils (SSURGO) (for soil type see table)

Other Features
- Other Major Roads

Source(s): BLM, IPCC, ODOT, MPS, USDA, USGS, USGS, Ventyx, Esri, Geographics, CNES/Airbus DS, ODF, ODOT, NPS, USDA, USFS, USGS
Image Source: National Agricultural Imagery Program 2016
Coordinate System: NAD 1983 2011 Oregon Statewide Lambert Conform
Projection: Lambert Conformal Conic
Datum: NAD 1983 2011

Figure A-4.5
Wetland and Other Waters Delineation Report
Soil Map
Morrow County
Application for Site Certificate
Figure 5.16
Project Features
Site Boundary
Index Map Extent

National Resource
Conservation Service
Soils (SSURGO)
(for soil type see table)

Other Features
Other Major Roads

Source(s): BLM, IPC, ODF, ODOT, MPS, USDA, USDI, USGS, Ventyx, Esri, DigitalGlobe, GeoEyes, Earthstar Geographics, ELSI/MapInfo, X2, Integeo, Maptek, IGP, swisstopo
Image Source: National Agricultural Imagery Program 2016

Wetland and Other Waters Delineation Report
Soil Map
Umatilla County
Figure 5.22

Project Features
- Site Boundary
- Proposed Route

Mileposts
- Mile
- Tenth-mile

National Resource Conservation Service
- Soils (SSURGO)
  (for soil type see table)

Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, FWS, OWS, ESRI, Esri DigitalGlobe, GeoEye, Earthstar Geographics, CNES / Airbus DS, I RP, MapTiler, Tomnod, ArcGIS, IGN

Image Source: National Agricultural Imagery Program

O R E G O N

Wetland and Other Waters Delineation Report
Soil Map
Umatilla County

Figure A-4.11

Source: BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, FWS, OWS, ESRI, Esri DigitalGlobe, GeoEye, Earthstar Geographics, CNES / Airbus DS, I RP, MapTiler, Tomnod, ArcGIS, IGN

Image Source: National Agricultural Imagery Program

Coordinate System: NAD 1983 2011 Oregon Statewide Lambert Conformal Conic
Projection: Lambert Conformal Conic
Datum: NAD 1983 2011

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Umatilla County
Figure 5.26
Figure 5.25
Figure 5.24
Figure 5.23

Figure A-4.12
Wetland and Other Waters Delineation Report
Soil Map
Umatilla County


Coordinate System: NAD 1983 2011 Oregon Statewide Lambert Ft Intl
Projection: Lambert Conformal Conic
Datum: NAD 1983 2011

0 2 Miles
0 1,000 Feet

Map Area

Figure A-4.12
Wetland and Other Waters Delineation Report
Soil Map
Umatilla County


Coordinate System: NAD 1983 2011 Oregon Statewide Lambert Ft Intl
Projection: Lambert Conformal Conic
Datum: NAD 1983 2011

0 2 Miles
0 1,000 Feet

Map Area

Figure A-4.12
Wetland and Other Waters Delineation Report
Soil Map
Umatilla County


Coordinate System: NAD 1983 2011 Oregon Statewide Lambert Ft Intl
Projection: Lambert Conformal Conic
Datum: NAD 1983 2011

0 2 Miles
0 1,000 Feet

Map Area
Figure 5.30

Project Features

Site Boundary

National Resource

Conservation Service (SSURGO)

Wetland and Other Waters

Delineation Report

Soil Map

Umatilla County

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

Image Source: National Agricultural Imagery Program 2016

Coordinate System: NAD 1983 2011 Oregon Statewide Lambert Ft Intl

Projection: Lambert Conformal Conic

Datum: NAD 1983 2011

Source: Boardman to Hemingway Transmission Line Project Application for Site Certificate

Figure A-4.14

Wetland and Other Waters Delineation Report

Soil Map

Umatilla County

0 1,000 Feet

0 2 Miles

Map Area
Figure 5.31
Project Features
- Site Boundary
- Proposed Route
- Mileposts
  - Mile
  - Tenth-mile
- Index Map Extent

National Resource Conservation Service
Soils (SSURGO)
(for soil type see table)

Figure A-4.16
Wetland and Other Waters Delineation Report
Soil Map
Umatilla County
Project Features

- Site Boundary
- Proposed Route

Mileposts

- Mile
- Tenth-mile

National Resource
Conservation Service

Soils (SSURGO)

(por soil type see table)

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

Image Source: National Agricultural Imagery Program 2016

O R E G O N

Map
Area

Coordinate System: NAD 1983 2011 Oregon Statewide Lambert Ft Intl

Projection: Lambert Conformal Conic

Datum: NAD 1983 2011

Figure A-4.17

Wetland and Other Waters Delineation Report

Soil Map

Umatilla County

Figure 5.32

Figure 5.33

Figure 5.34

Figure A-4.17

Wetland and Other Waters Delineation Report

Soil Map

Umatilla County

Figure A-4.17

Wetland and Other Waters Delineation Report

Soil Map

Umatilla County
Figure 5.35

Project Features
- Site Boundary
- Proposed Route
- Mileposts
  - Mile
  - Tenth-mile
- Index Map Extent

National Resource Conservation Service
- Soils (SSURGO) (for soil type see table)
- Railroads

Figure A-4.18

Wetland and Other Waters Delineation Report
Soil Map
Umatilla County
Figure A-4.19
Wetland and Other Waters
Delineation Report
Soil Map
Union County

Figure 5.40
Figure 5.38
Figure 5.36
Figure 5.39
Figure 5.37

Project Features
Site Boundary
Proposed Route
Mileposts

National Resource Conservation Service
Soils (SSURGO)
(For and Type soil table)

Other Features
Interstates or Highways
Railroads

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

Image Source: National Agricultural Imagery Program 2016

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Wetland and Other Waters Delineation Report
Soil Map
Union County

 Coordinate System: NAD 1983 2011 Oregon Statewide Lambert Tiff
Projected: Lambert Conformal Conic
Datum: NAD 1983 2011

Coordinate System: NAD 1983 2011 Oregon Statewide Lambert Tiff
Projected: Lambert Conformal Conic
Datum: NAD 1983 2011

Coordinate System: NAD 1983 2011 Oregon Statewide Lambert Tiff
Projected: Lambert Conformal Conic
Datum: NAD 1983 2011

Coordinate System: NAD 1983 2011 Oregon Statewide Lambert Tiff
Projected: Lambert Conformal Conic
Datum: NAD 1983 2011

Coordinate System: NAD 1983 2011 Oregon Statewide Lambert Tiff
Projected: Lambert Conformal Conic
Datum: NAD 1983 2011

Coordinate System: NAD 1983 2011 Oregon Statewide Lambert Tiff
Projected: Lambert Conformal Conic
Datum: NAD 1983 2011

Coordinate System: NAD 1983 2011 Oregon Statewide Lambert Tiff
Projected: Lambert Conformal Conic
Datum: NAD 1983 2011

Coordinate System: NAD 1983 2011 Oregon Statewide Lambert Tiff
Projected: Lambert Conformal Conic
Datum: NAD 1983 2011
Figure 5.41
Project Features
- Site Boundary
- Proposed Route
- Mileposts
- National Resource Conservation Service
- Scale (SSURGO): 2010 (for soil type see table)

Other Features
- Interstate or Highways
- Railroads

Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, Earthstar Geographics, CNES/Airbus DS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo
Image Source: National Agricultural Imagery Program 2016
Datum: NAD 1983 2011
Projection: Lambert Conformal Conic

Figure A-4.20
Wetland and Other Waters Delineation Report
Soil Map
Union County

Boardman to Hemingway Transmission Line Project
Application for Site Certificate
Figure 5.43

Project Features
- Site Boundary
- Proposed Route
- Mileposts
- Tenths-mile

National Resource Conservation Service
- Soil (SSURGO)

Other Features
- Interstates or Highways
- Other Major Roads
- Railroads

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

Image Source: National Agricultural Imagery Program 2016

O R E G O N

Map

Area

Figure A-4.21

Wetland and Other Waters Delineation Report
Soil Map
Union County
Figure A-4.22

Wetland and Other Waters Delineation Report

Soil Map

Union County
**Figure 5.47**
Project Features
- Site Boundary
- Proposed Route
- Alternative
- Mileposts
  - Mile
  - Tenth-mile
- Index Map Extent

**Figure 5.48**

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

**Image Source:** National Agricultural Imagery Program 2016

** Coordinate System:** NAD 1983 2011 Oregon Statewide Lambert Ft Intl

**Projection:** Lambert Conformal Conic

**Datum:** NAD 1983 2011

**Figure A-4.23**
Wetland and Other Waters Delineation Report
Soil Map
Union County

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

Figure A-4.26
Wetland and Other Waters Delineation Report
Soil Map
Union County
Figure 5.54

Figure 5.53

Project Features
- Site Boundary
- Proposed Route
- Alternative

National Resource
Conservation Service
- Soils (SSURGO)
  (For soil type see table)

Other Features
- Other Major Roads

Mileposts
- Mile
- Tenth-mile

Index Map Extent

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

Image Source: National Agricultural Imagery Program 2016

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Application for Site Certificate

Figure A-4.27
Wetland and Other Waters
Delineation Report
Soil Map
Union County
Figure 5.79
Project Features
- Site Boundary
- Alternative Mileposts

Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, Earthstar Geographics, CNES/Airbus DS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo
Image Source: National Agricultural Imagery Program 2016

Figure A-4.29
Wetland and Other Waters Delineation Report
Soil Map
Union County

Coordinate System: NAD 1983 2011 Oregon Statewide Lambert Ft Intl
Projection: Lambert Conformal Conic
Datum: NAD 1983 2011

Boardman to Hemingway Transmission Line Project
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Figure A-4.35
Wetland and Other Waters Delineation Report
Soil Map
Union County
Project Features
- Site Boundary
- Index Map Extent

National Resource Conservation Service
Soils (SSURGO)
(for soil type see table)

Other Features
- Interstates or Highways
- Other Major Roads
- Railroads

Figure 5.113

Figure A-4.38

Wetland and Other Waters Delineation Report
Soil Map
Union County
Figure 5.124

Figure 5.123

Figure 5.122

Figure A-4.41

Wetland and Other Waters Delineation Report
Soil Map
Baker County
Figure 5.125

Project Features
- Site Boundary
- Proposed Route

Mileposts
- Mile
- Tenth-mile

National Resource Conservation Service
- Soil (SSURGO)

Other Features
- Other Major Roads

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

Image Source: National Agricultural Imagery Program 2016

Figure A-4.42

Wetland and Other Waters Delineation Report

Soil Map

Baker County
Figure A-4.44
Wetland and Other Waters Delineation Report
Soil Map
Baker County
Figure A-4.45

Wetland and Other Waters Delineation Report
Soil Map
Baker County
Figure 5.148

Figure 5.147

Figure 5.146

Figure 5.145

Figure 5.143

Figure A-4.48

Wetland and Other Waters Delineation Report

Soil Map

Baker County
Figure 5.154

Figure 5.153

Project Features
- Site Boundary
- Proposed Route
- Mileposts
- Tenth-mile
- Index Map Extent

National Resource Conservation Service
- Soil (SSURGO)
  (for soil type see table)

Other Features
- Internalex or Highways
- Other Major Roads
- Railroads

Project Area
- Old Hwy 30
- Mileposts
- Tenth-mile

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

Image Source: National Agricultural Imagery Program 2016

Oregon Map

Coordinate System: NAD 1983 2011 Oregon Statewide Lambert Ft Intl
Projection: Lambert Conformal Conic
Datum: NAD 1983 2011

Boardman to Hemingway Transmission Line Project
Application for Site Certificate

Figure A-4.50
Wetland and Other Waters Delineation Report
Soil Map
Baker County
Figure 5.159

Figure 5.158

Figure 5.160

Figure 5.157

Figure 5.156

Figure 5.155

Figure 5.154

Figure 5.153

Figure 5.152

Figure 5.151

Figure 5.150

Figure A-4.51

Wetland and Other Waters
Delineation Report
Soil Map
Baker County
Figure A-4.53
Wetland and Other Waters Delineation Report
Soil Map
Baker County