



Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Site Boundary

Proposed Route

Route Centerline

Proposed Route

Work Areas Pulling and Tensioning

Structure Work Area

Mileposts

Mile

Tenth-mile Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

Existing Road, Substantial Modification, 71-100%

New Road, Bladed

Rivers, Streams, and Canals

Other Waters

Field Survey Streams

Stream Impact Type

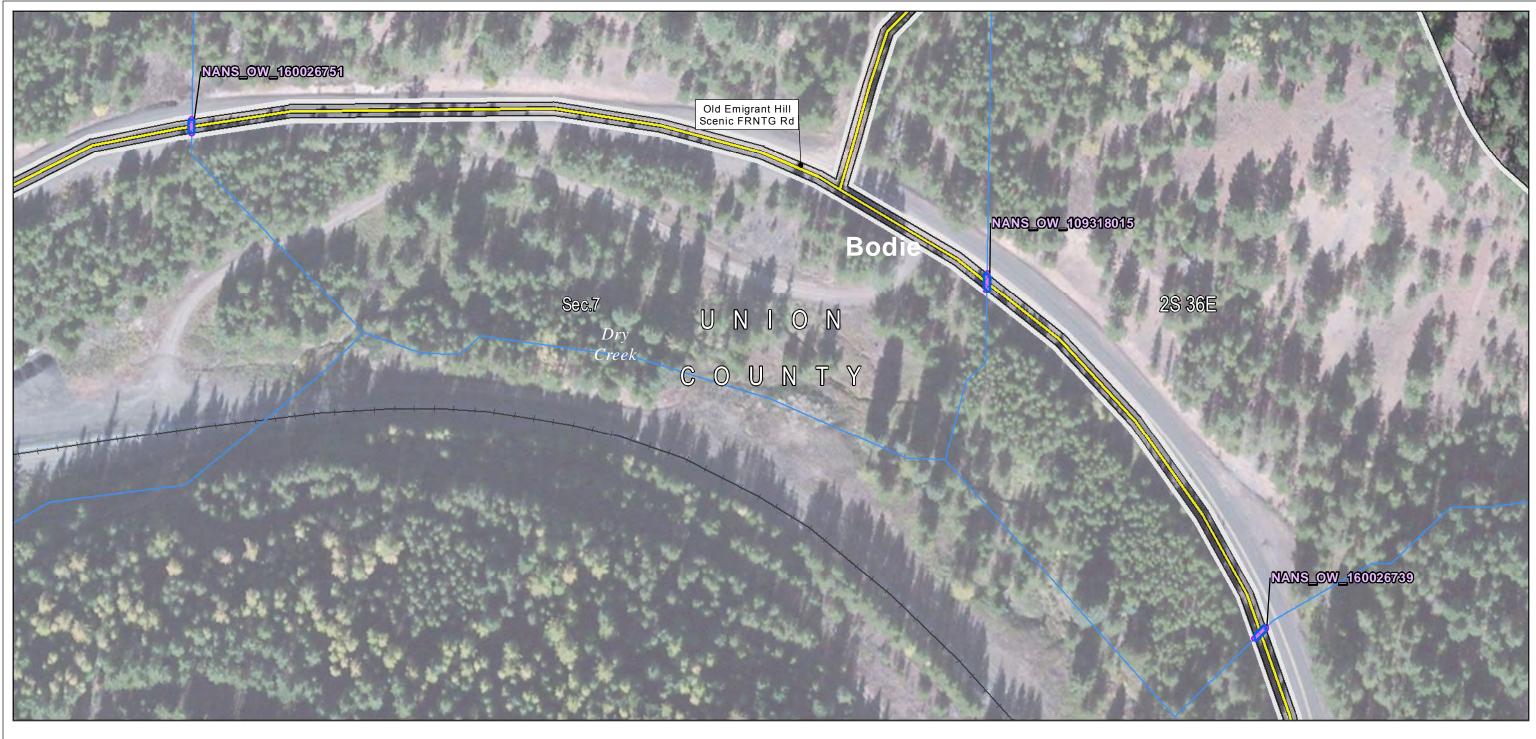
Temporary

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-100 **Wetland and Other Waters Joint Permit Application** Detail Maps Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features Site Boundary

☐ Proposed Route

--- Railroads

Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

Rivers, Streams, and Canals

Other Waters

NANS Streams (NHD)

Stream Impact Type

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-101 Wetland and Other Waters Joint Permit Application Detail Maps Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Proposed Route

Route Centerline

Proposed Route

Work Areas

Pulling and Tensioning

Pulling and Tensioning

Railroads

Existing Road, No
Substantial Modification, 020% Improvements

Rivers, Streams, and Canals

Other Waters

NANS Streams (NHD)

Permanent

Attachment K-102
Wetland and Other Waters
Joint Permit Application
Detail Maps
Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016



☐ Proposed Route Work Areas

Pulling and Tensioning

Existing Road, No
Substantial Modification, 0-20% Improvements Rivers, Streams, and Canals --- Railroads Other Waters

Construction Access

NANS Streams (NHD)

Stream Impact Type

Permanent



Transmission Line Project

Attachment K-103 **Wetland and Other Waters Joint Permit Application** Detail Maps Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features Site Boundary ☐ Proposed Route

--- Railroads Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

Rivers, Streams, and Canals

Other Waters

NANS Streams (NHD)

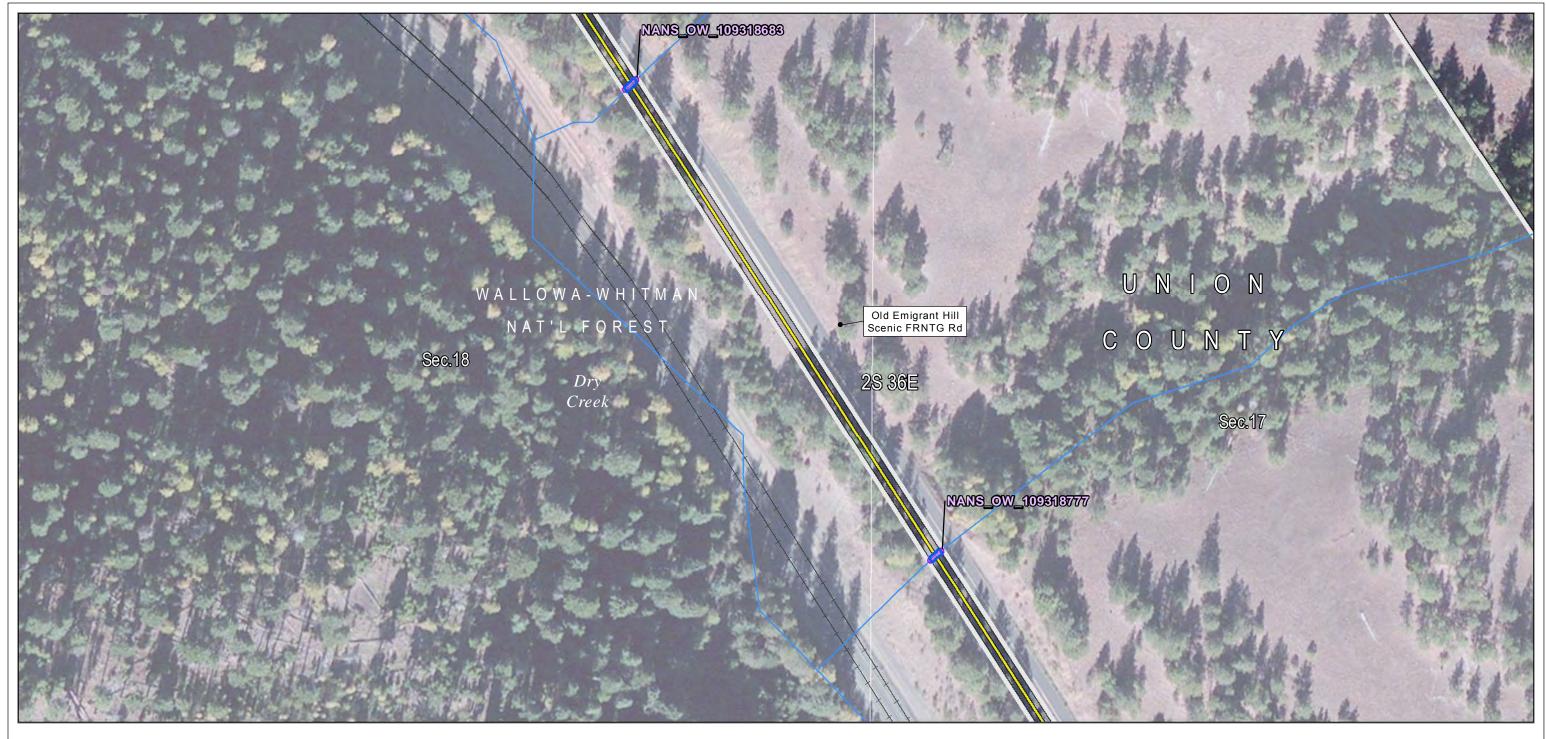
Stream Impact Type

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-104 Wetland and Other Waters Joint Permit Application Detail Maps Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features
Site Boundary

Proposed Route

--- Railroads

Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

Rivers, Streams, and Canals

Other Waters

NANS Streams (NHD)

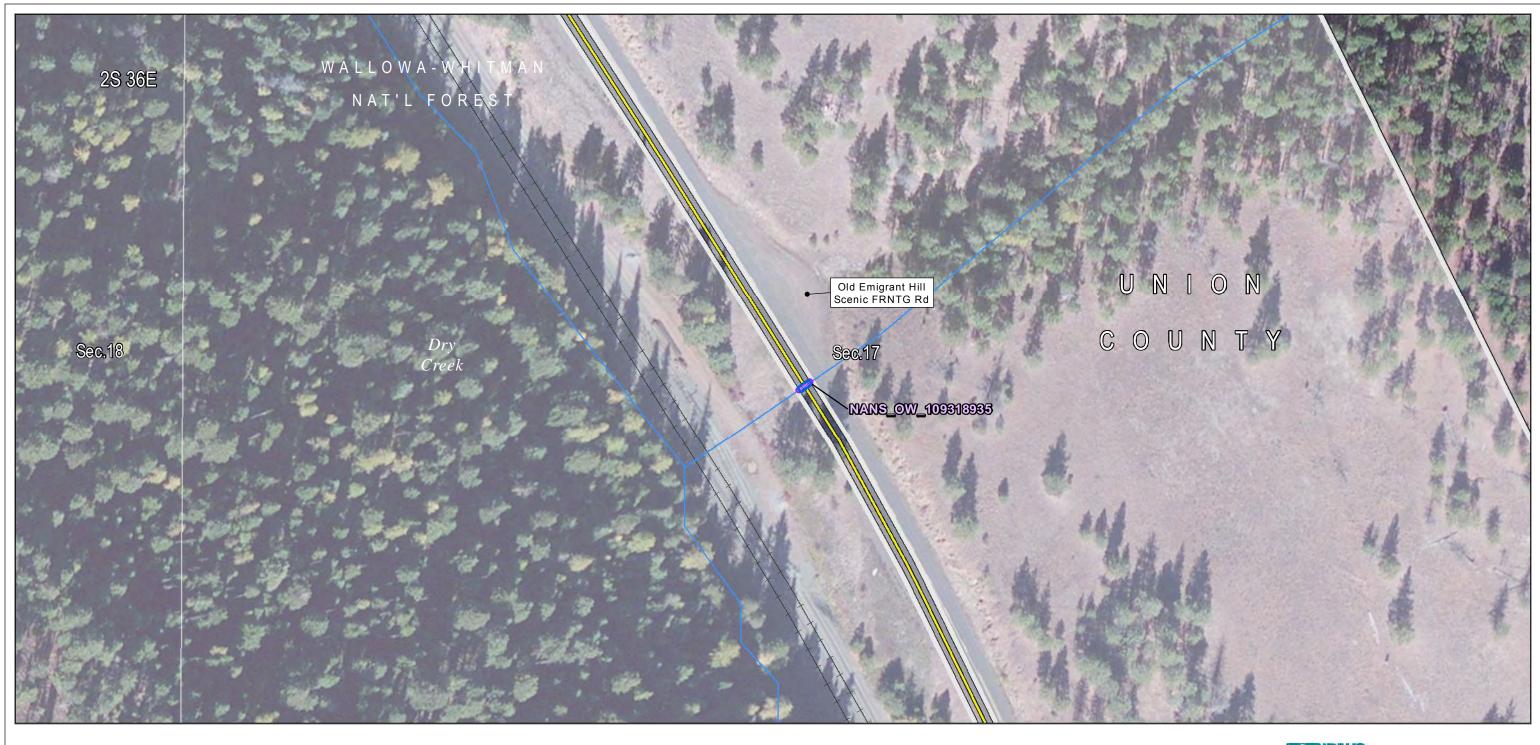
Stream Impact Type

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-105
Wetland and Other Waters
Joint Permit Application
Detail Maps
Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

<u>Project Features</u> Site Boundary

Proposed Route

--- Railroads

Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

Rivers, Streams, and Canals

Other Waters

NANS Streams (NHD)

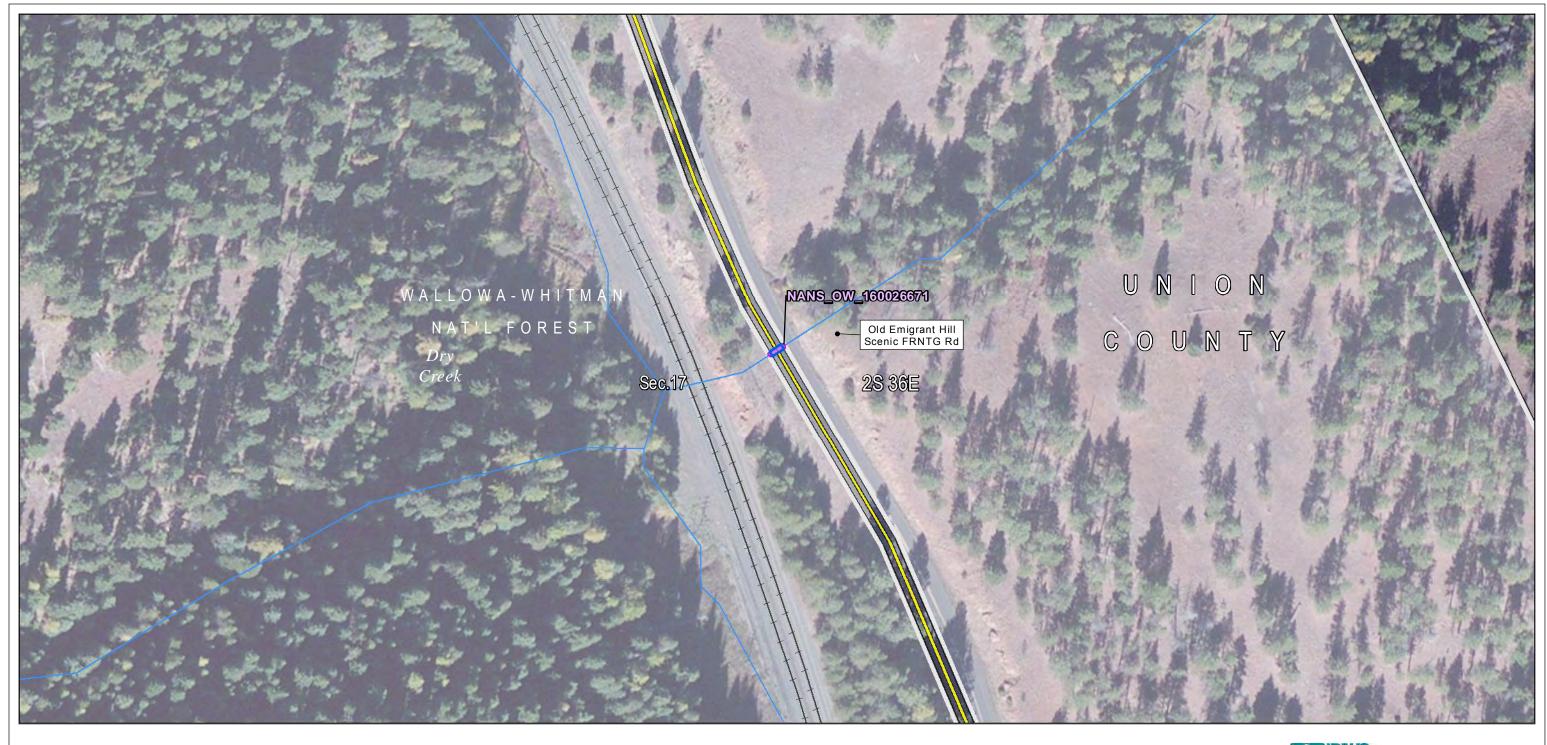
Stream Impact Type

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-106
Wetland and Other Waters
Joint Permit Application
Detail Maps
Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features
Site Boundary

Proposed Route

--- Railroads

Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

Rivers, Streams, and Canals

Other Waters

NANS Streams (NHD)

Stream Impact Type

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-107
Wetland and Other Waters
Joint Permit Application
Detail Maps
Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features Site Boundary

☐ Proposed Route

--- Railroads

Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

Rivers, Streams, and Canals

NANS Streams (NHD)

Permanent

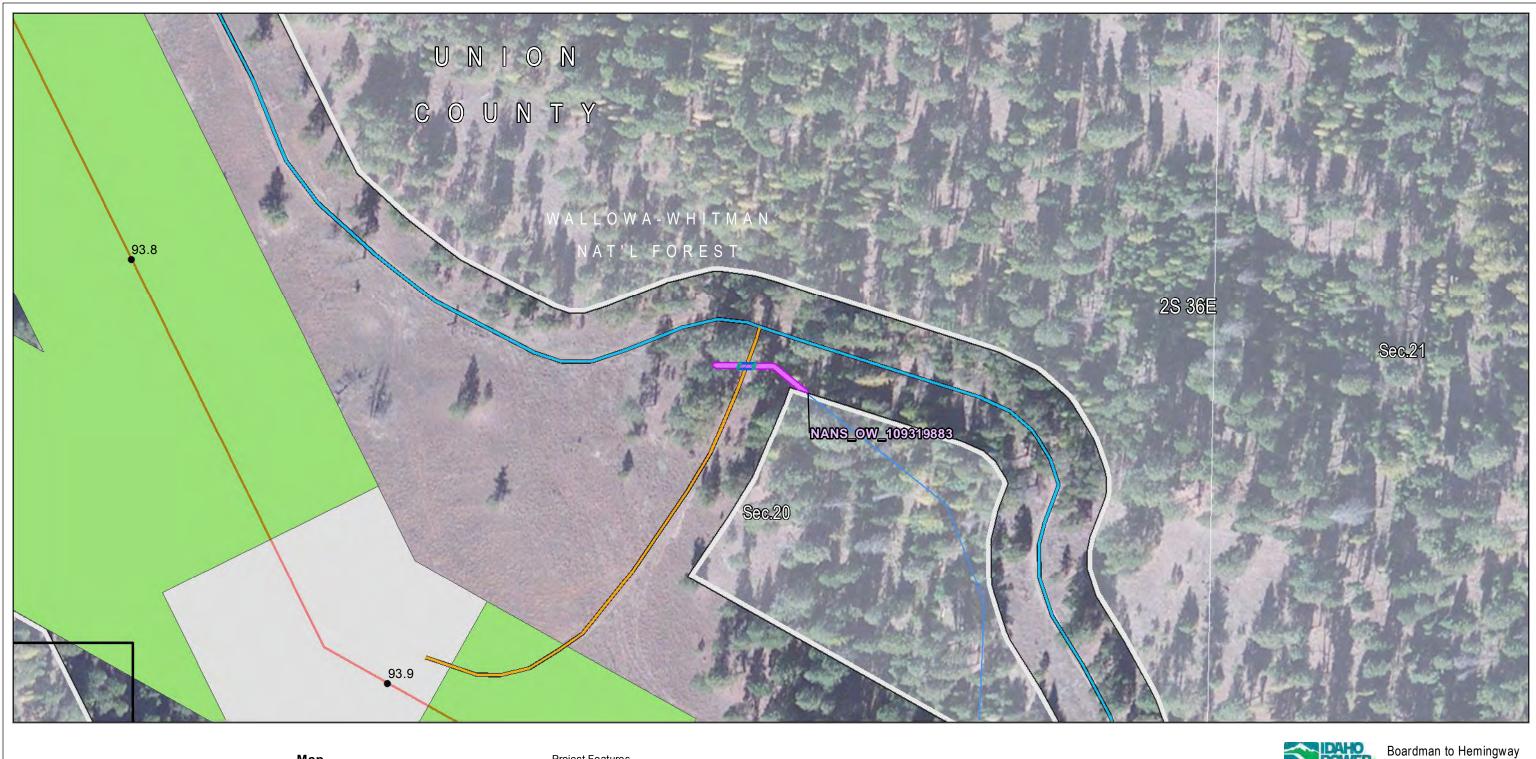
Other Waters

Stream Impact Type



Boardman to Hemingway Transmission Line Project

Attachment K-108 Wetland and Other Waters Joint Permit Application Detail Maps Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features Site Boundary

Proposed Route

Route Centerline

Proposed Route Work Areas

Pulling and Tensioning

Structure Work Area

Mileposts

Construction Access

Tenth-mile

Existing Road, Substantial Modification, 21-70% Improvements

Existing Road, Substantial Modification, 71-100% Improvements

Rivers, Streams, and

Other Waters

NANS Streams (NHD)

Stream Impact Type

Temporary

Permanent



Transmission Line Project

Attachment K-109 Wetland and Other Waters Joint Permit Application Detail Maps Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Site Boundary

☐ Proposed Route

Pulling and Tensioning --- Railroads

Work Areas

Construction Access

Existing Road, No
Substantial Modification, 0-20% Improvements

Rivers, Streams, and Canals

Other Waters

NANS Streams (NHD)

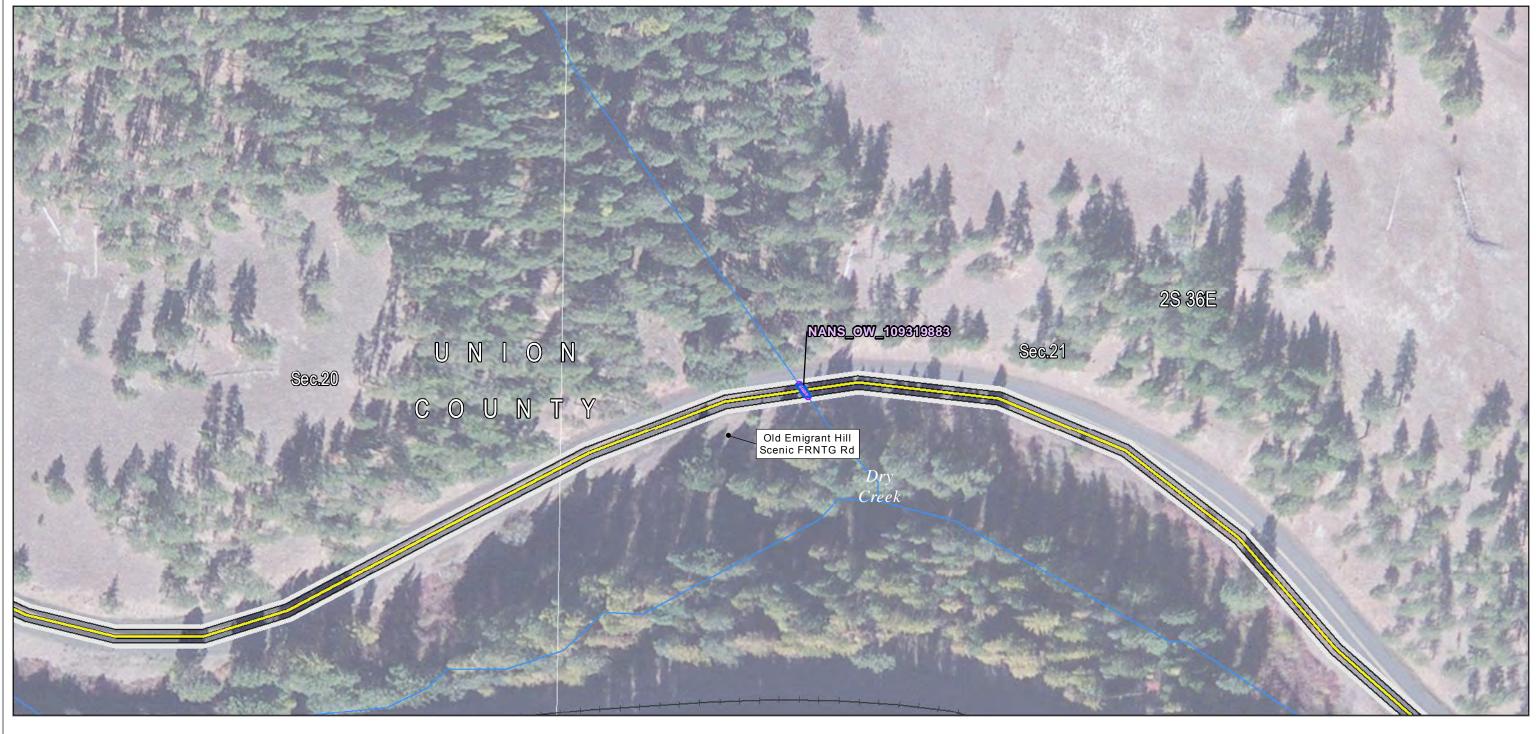
Stream Impact Type

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-110 Wetland and Other Waters Joint Permit Application Detail Maps Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

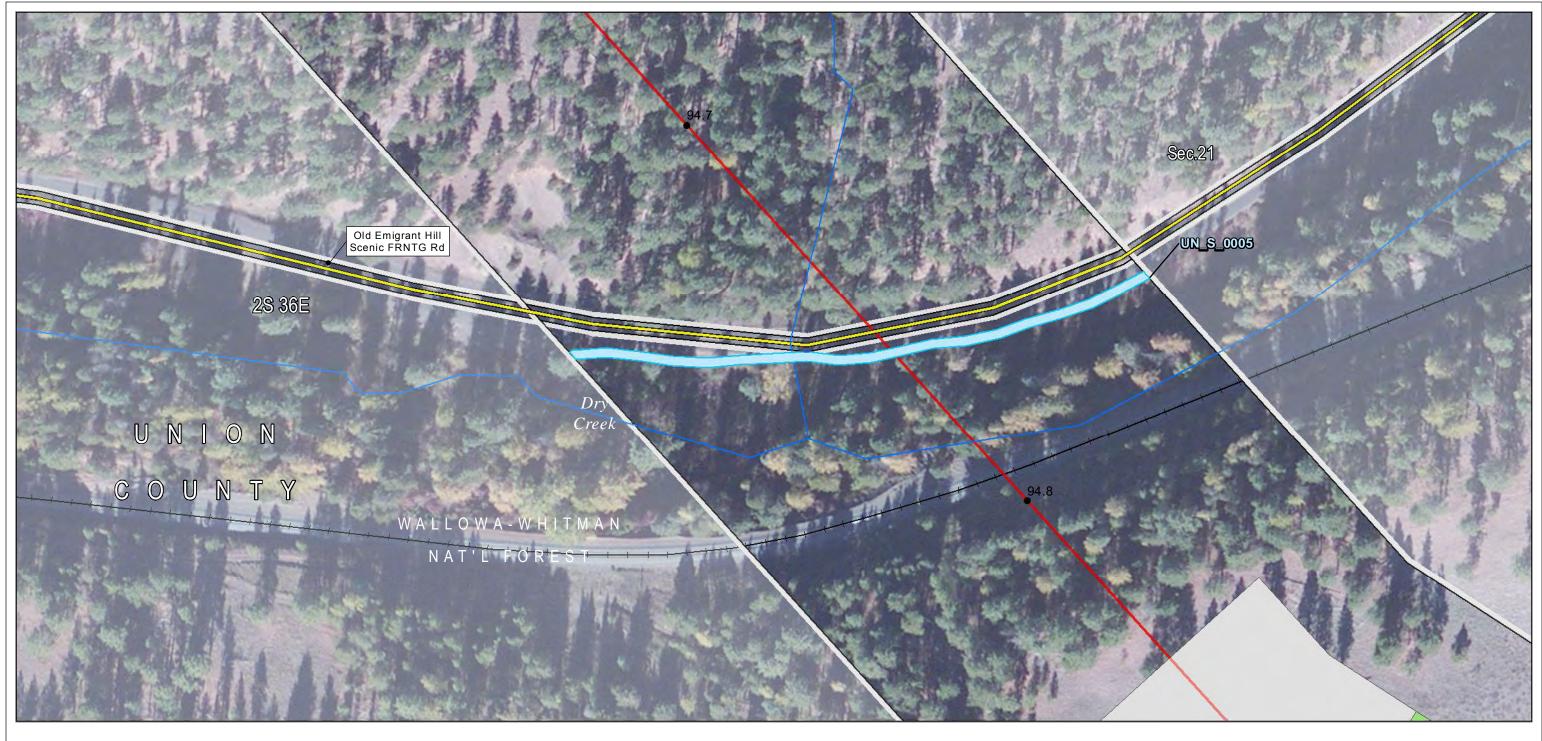
Project Features → Railroads Construction Access Existing Road, No Substantial Modification, 020% Improvements Other Waters NANS Streams (NHD) Stream Impact Type Permanent

Rivers, Streams, and

Canals



Attachment K-111
Wetland and Other Waters
Joint Permit Application
Detail Maps
Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016



Proposed Route

Route Centerline

Proposed Route

Work Areas

Pulling and Tensioning

Structure Work Area

--- Railroads

Mileposts

Tenth-mile
Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

Rivers, Streams, and Canals

Other Waters

Field Survey Streams

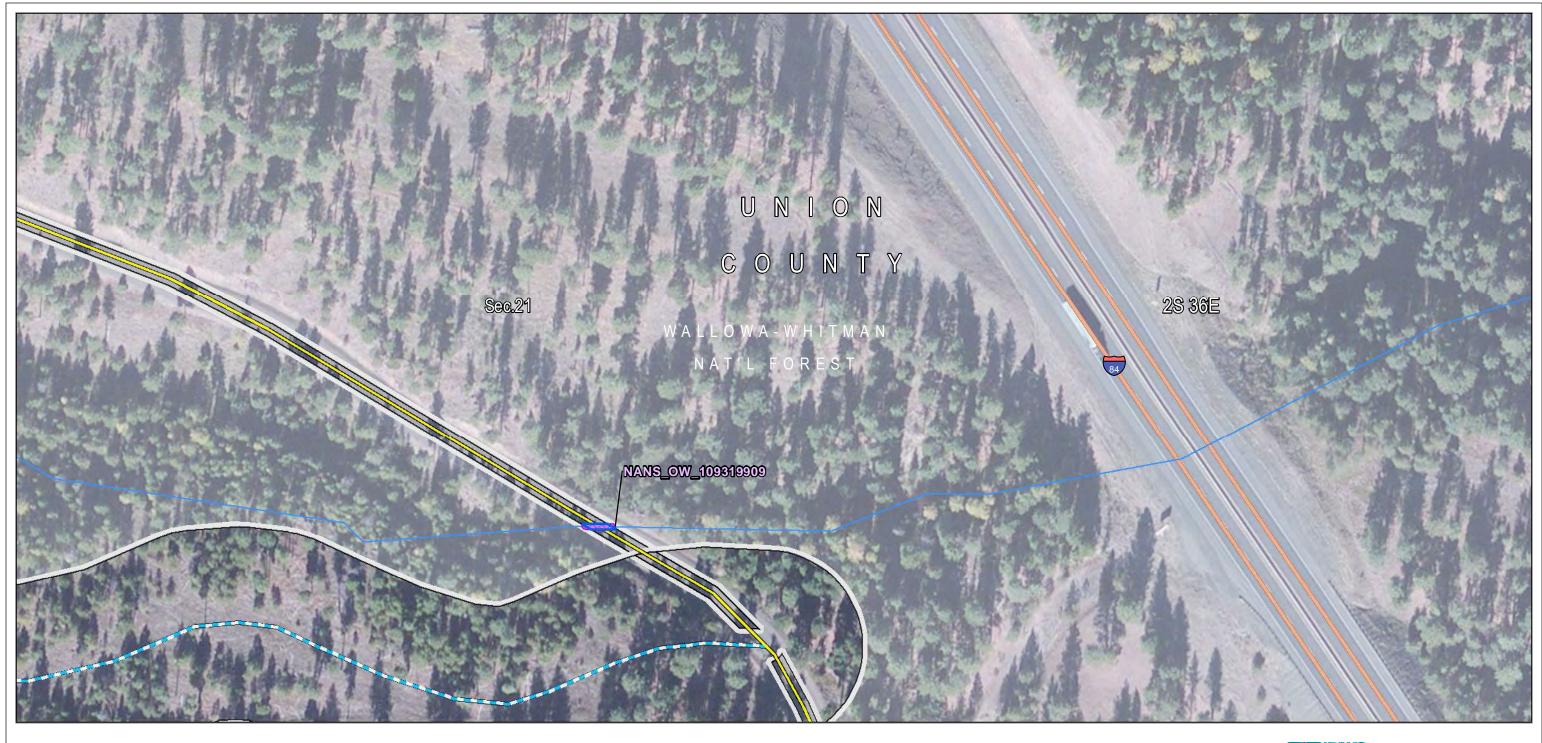
Stream Impact Type

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-112
Wetland and Other Waters
Joint Permit Application
Detail Maps
Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

<u>Project Features</u> Site Boundary

Proposed Route
Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

New Road, Bladed

Transportation

Interstates or Highways
Rivers, Streams, and
Canals

Other Waters

NANS Streams (NHD)

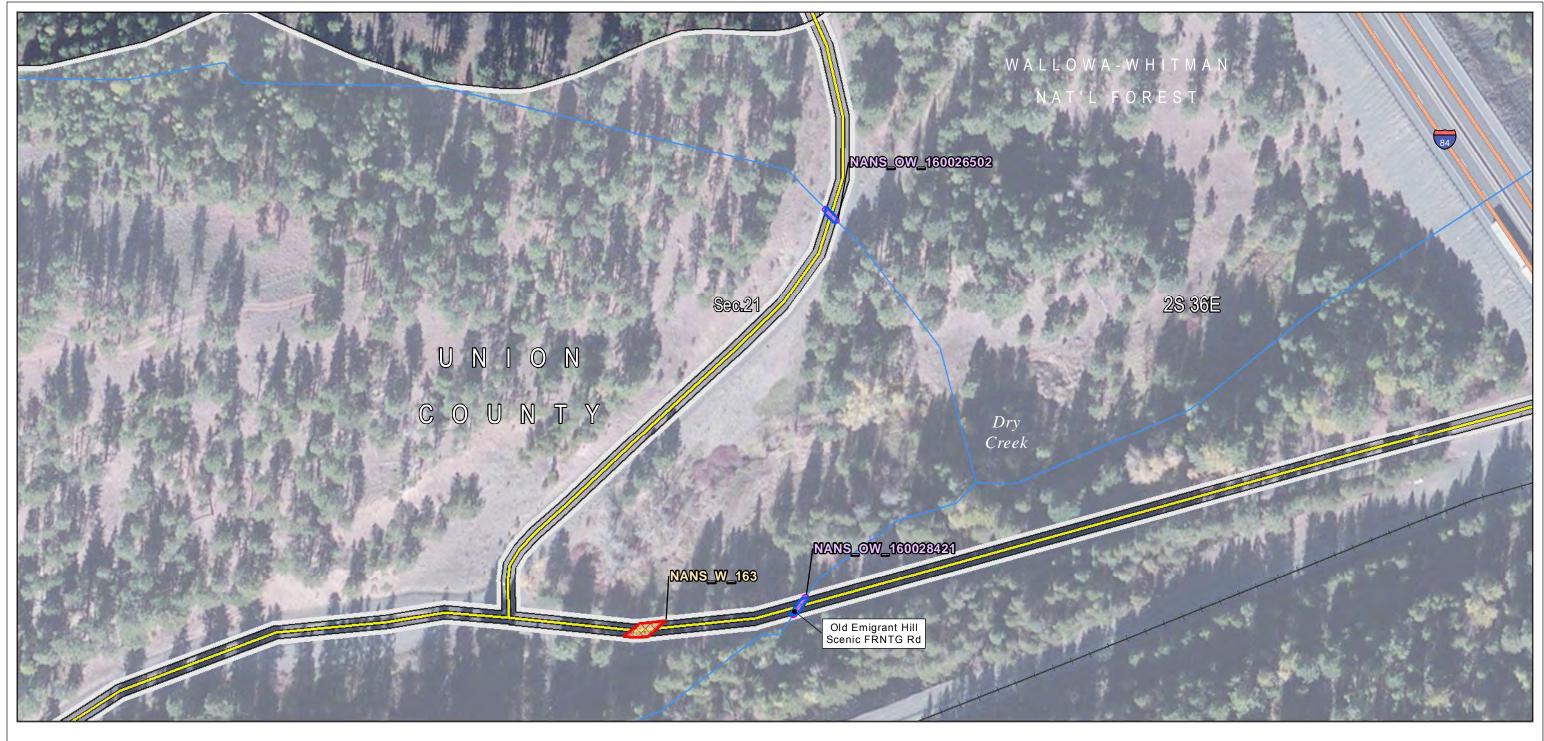
Stream Impact Type

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-113 Wetland and Other Waters Joint Permit Application Detail Maps Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

<u>Project Features</u> Site Boundary

Proposed Route

Railroads

Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

Transportation

Interstates or Highways
Rivers, Streams, and

Canals
Other Waters

NANS Streams (NHD)

Stream Impact Type



Wetland

NANS Wetland (NWI)

Wetland Impact Type

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-114
Wetland and Other Waters
Joint Permit Application
Detail Maps
Union County





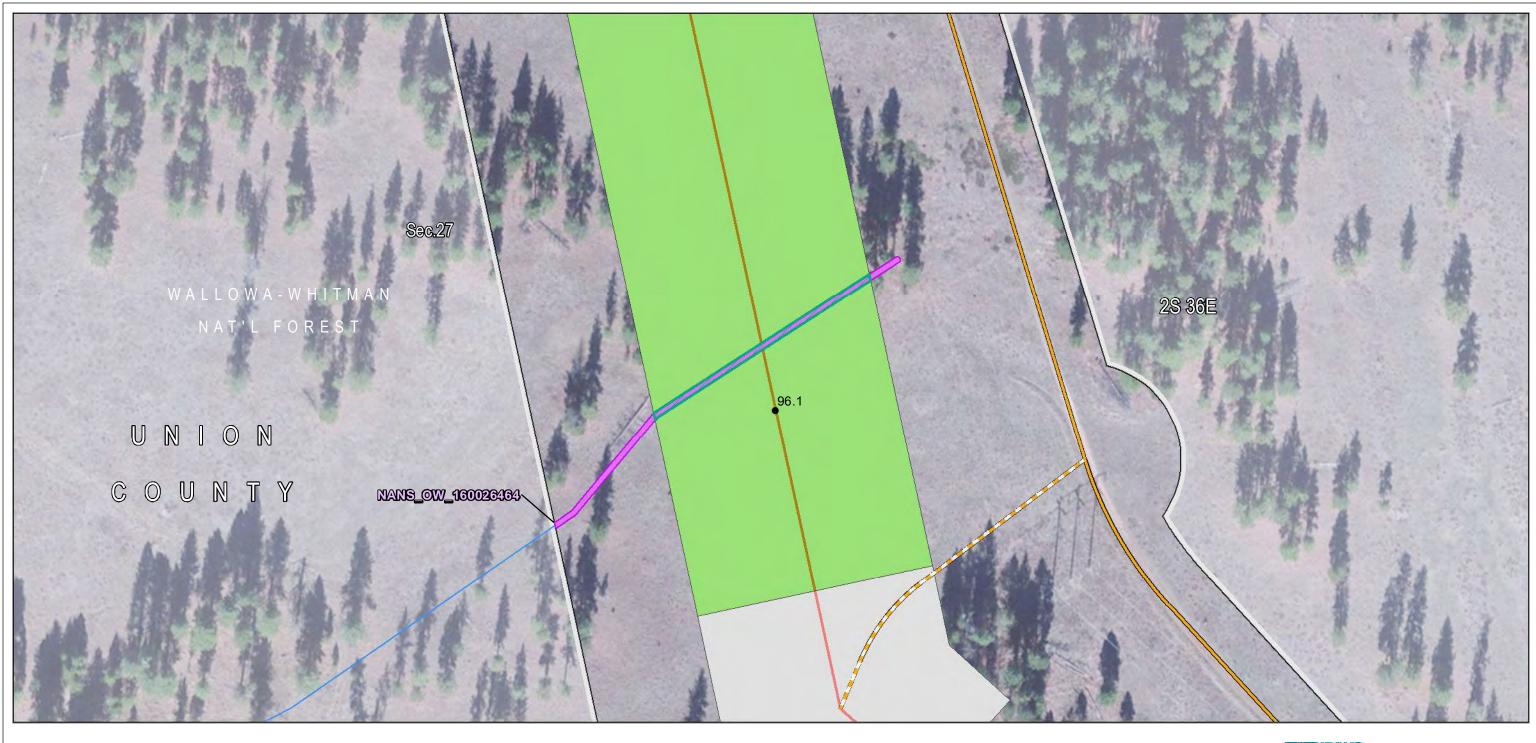
Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016





Attachment K-115
Wetland and Other Waters
Joint Permit Application
Detail Maps
Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016



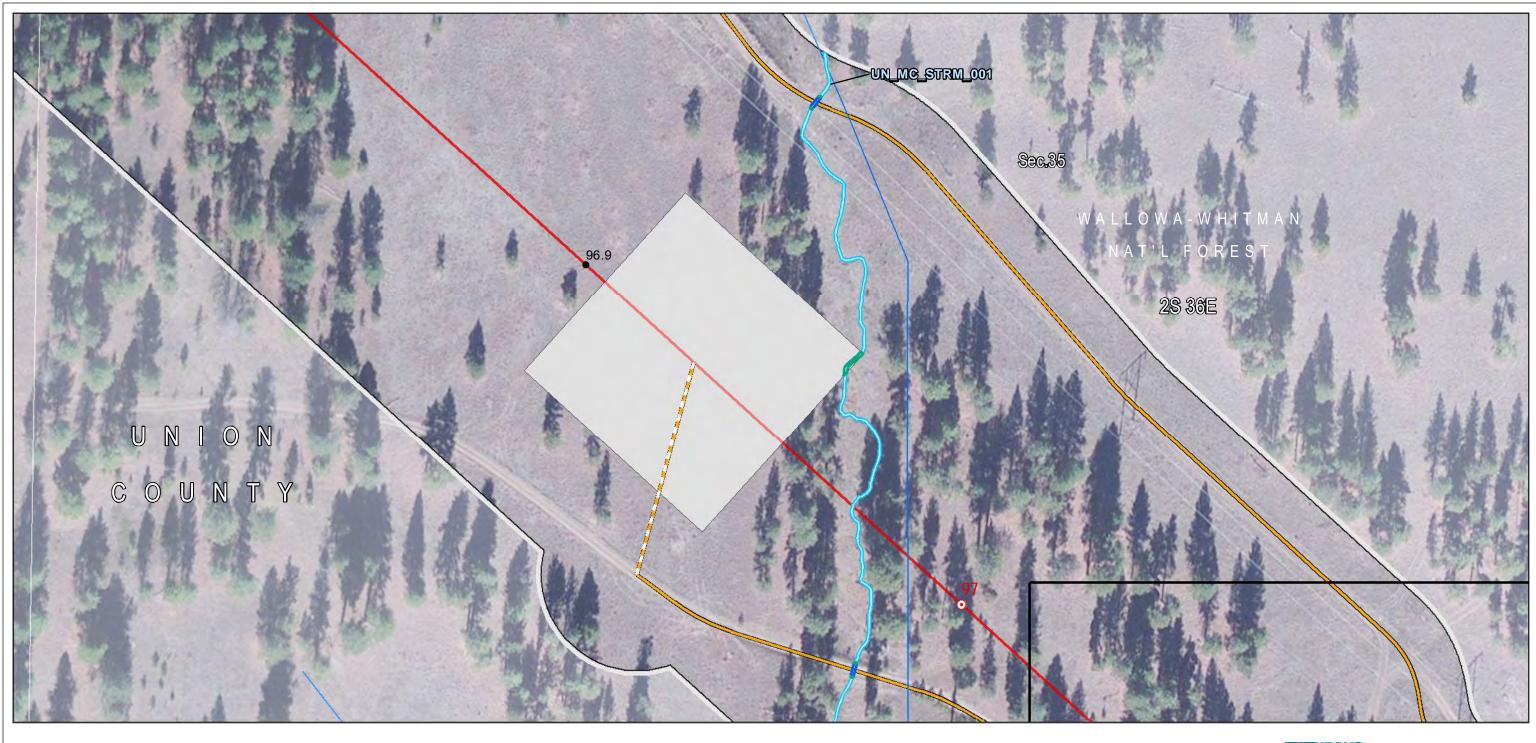
New Road, Primitive

Structure Work Area



Boardman to Hemingway Transmission Line Project

Attachment K-116 Wetland and Other Waters Joint Permit Application Detail Maps Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016



5 Doundary

Proposed Route
Route Centerline

Proposed Route

Work Areas

Structure Work Area

toute

Construction Access

Existing Road, Substantial
Modification, 21-70%
Improvements

New Road, Primitive

Mileposts

Mile

Tenth-mile

Rivers, Streams, and Canals

Other Waters

Field Survey Streams

Stream Impact Type

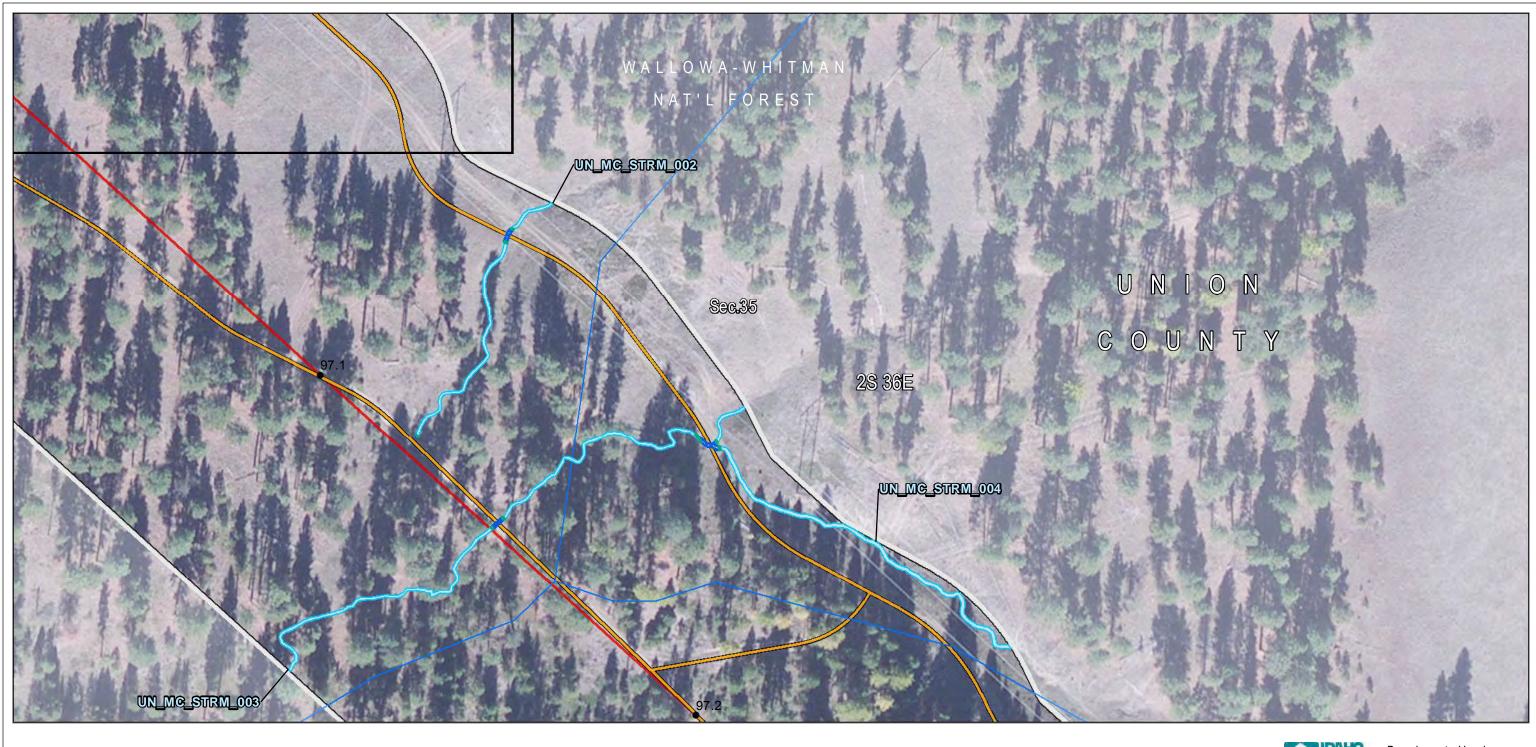
Temporary

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-117
Wetland and Other Waters
Joint Permit Application
Detail Maps
Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Site Boundary

☐ Proposed Route Route Centerline

- Proposed Route Mileposts

Tenth-mile

Construction Access

Existing Road, Substantial
Modification, 21-70% Improvements

Rivers, Streams, and Canals

Other Waters

Field Survey Streams

Stream Impact Type

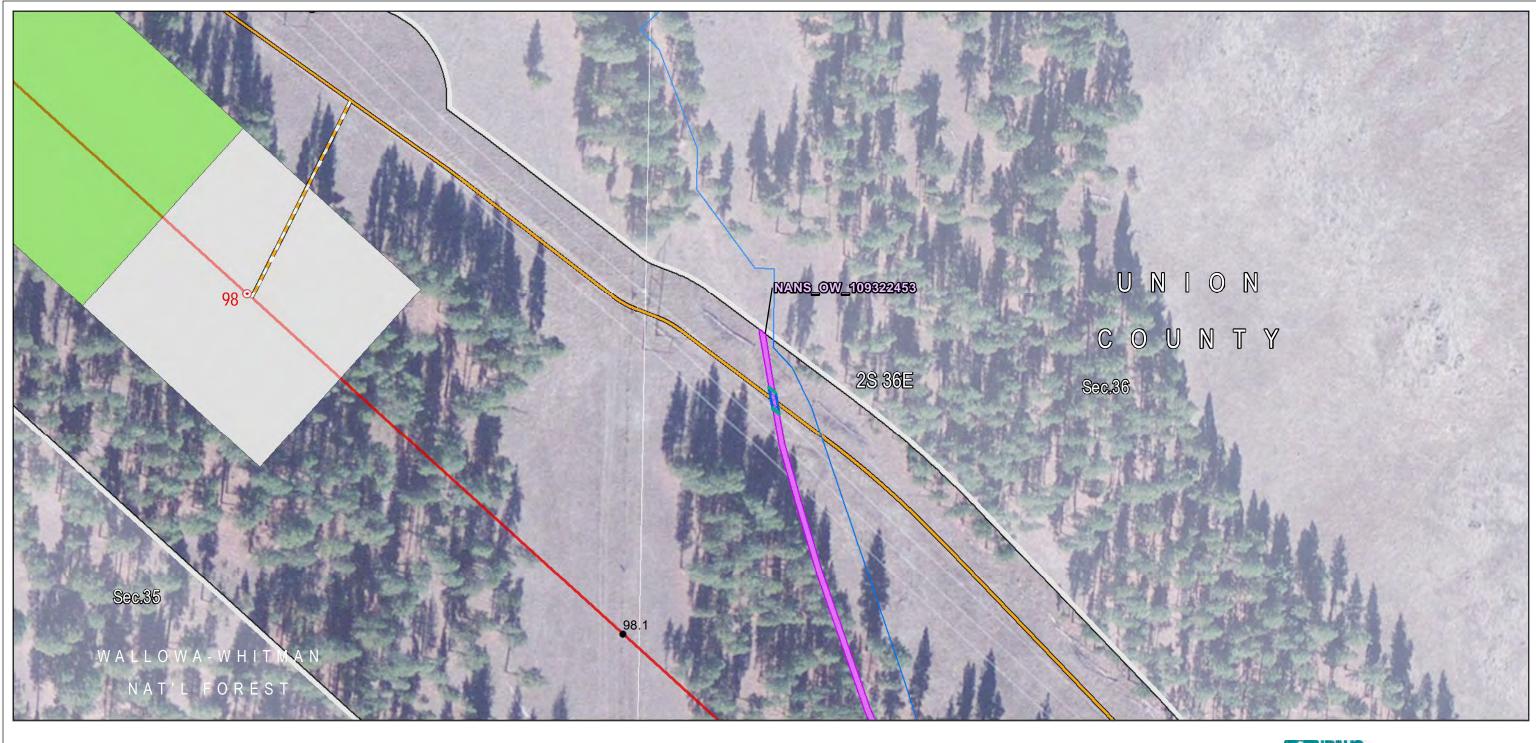
Temporary

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-118 Wetland and Other Waters Joint Permit Application Detail Maps Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features Site Boundary

☐ Proposed 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%

New Road, Primitive

Rivers, Streams, and Canals

Other Waters

NANS Streams (NHD)

Stream Impact Type

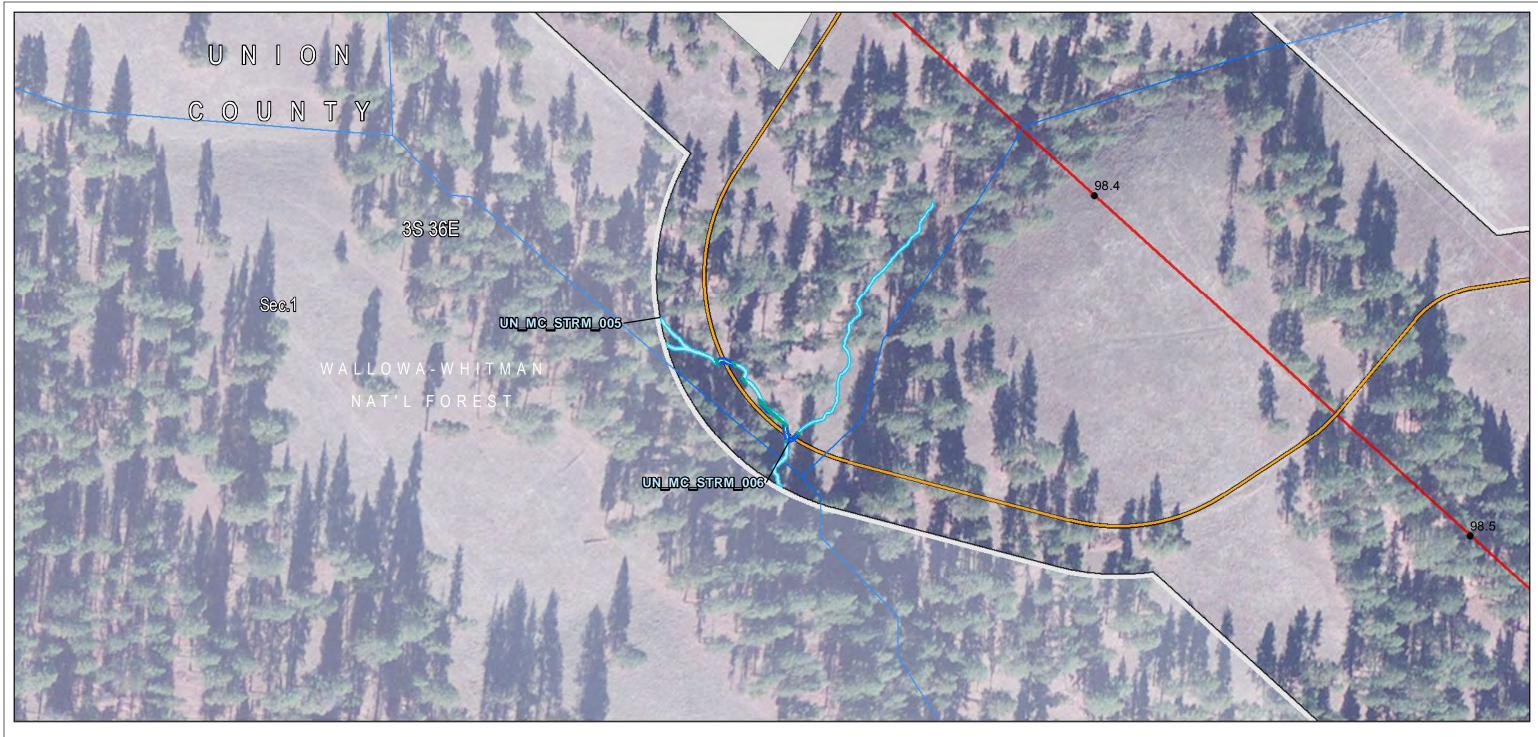
Temporary

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-119 Wetland and Other Waters Joint Permit Application Detail Maps Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Site Boundary

Proposed Route

Route Centerline

Proposed Route

Work Areas

Structure Work Area

Mileposts

Tenth-mile

Construction Access

Existing Road, Substantial
Modification, 21-70%
Improvements

Rivers, Streams, and Canals

Other Waters

Field Survey Streams

Stream Impact Type

Temporary

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-120
Wetland and Other Waters
Joint Permit Application
Detail Maps
Union County



NANS Streams (NHD) Proposed Route **Wetland and Other Waters** Construction Access Stream Impact Type Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, Existing Road, Substantial Modification, 21-70% Work Areas **Joint Permit Application** Earthstar Geographics, CNES/Airbus DS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo Temporary Pulling and Tensioning Notes: Elevation contour lines are not available at this time and will be added at a later date.

Detail Maps

Union County

December 2016





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features Construction Access

Existing Road, No
Substantial Modification, 0-20% Improvements

Transportation

Interstates or Highways

Other Major Roads

Rivers, Streams, and Canals

Other Waters

NANS Streams (NHD)

Stream Impact Type

Permanent

Wetland

NANS Wetland (NWI)

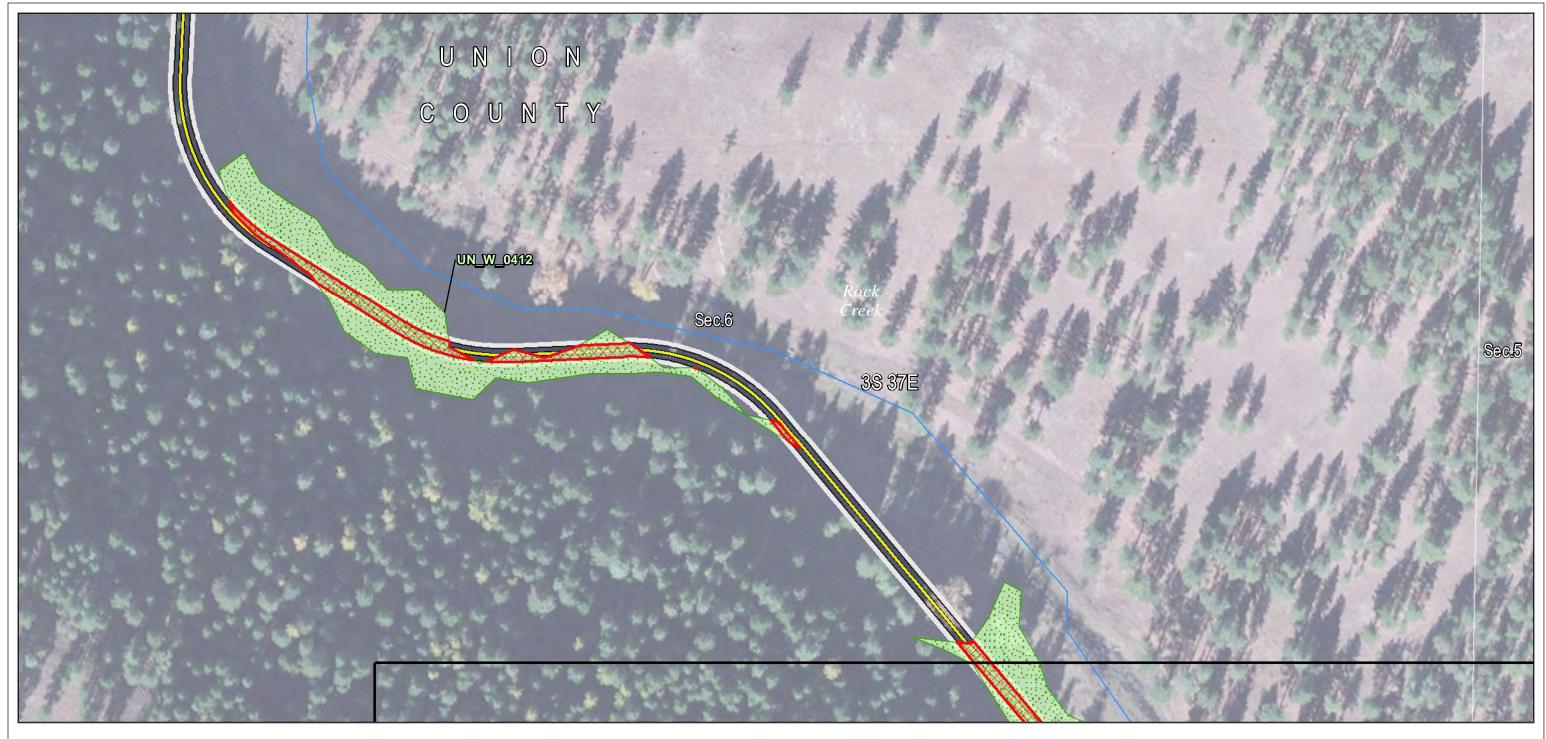
Wetland Impact Type

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-122 **Wetland and Other Waters Joint Permit Application** Detail Maps Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

Rivers, Streams, and Canals

Wetland

Field Survey Wetland

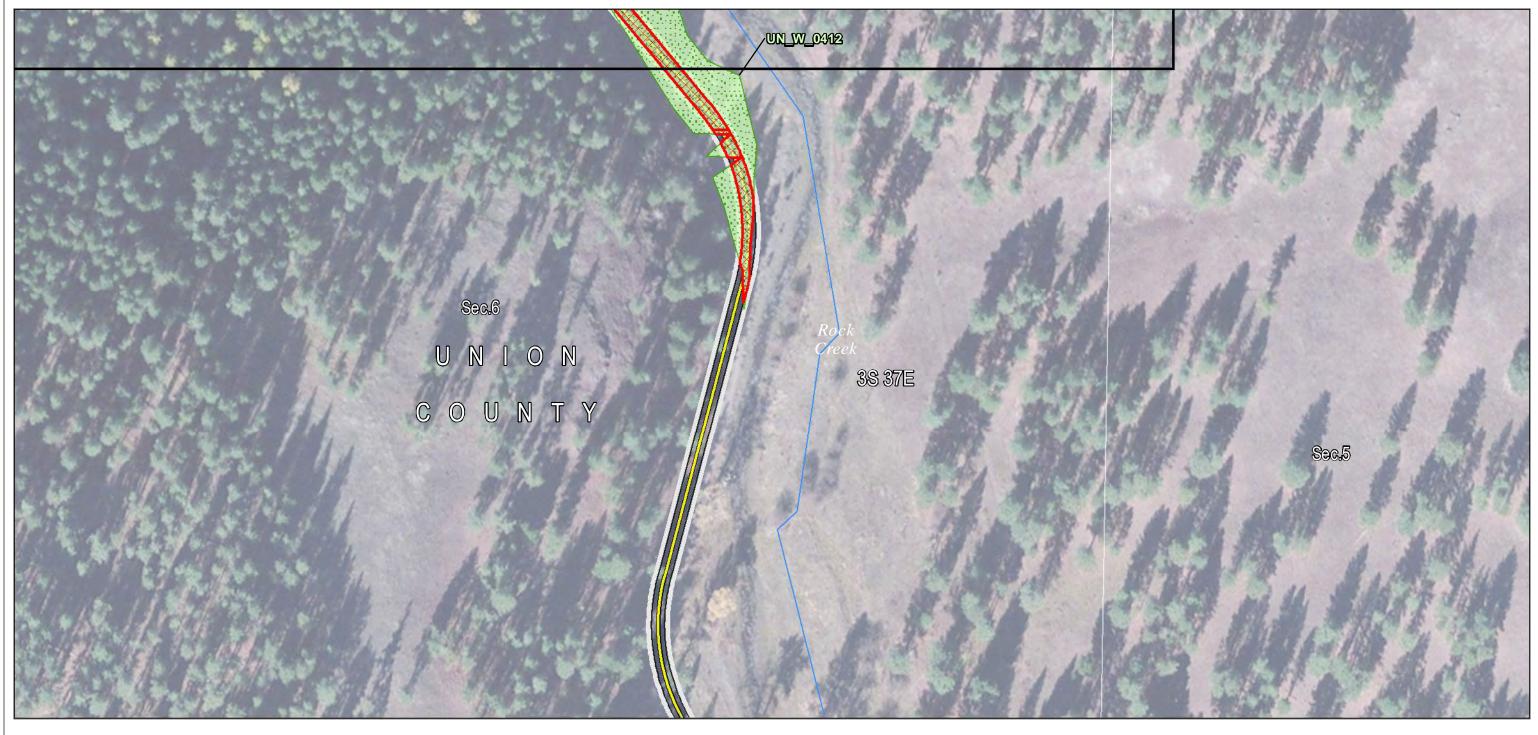
Wetland Impact Type

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-123 Wetland and Other Waters Joint Permit Application Detail Maps Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

Rivers, Streams, and Canals

Wetland

Field Survey Wetland

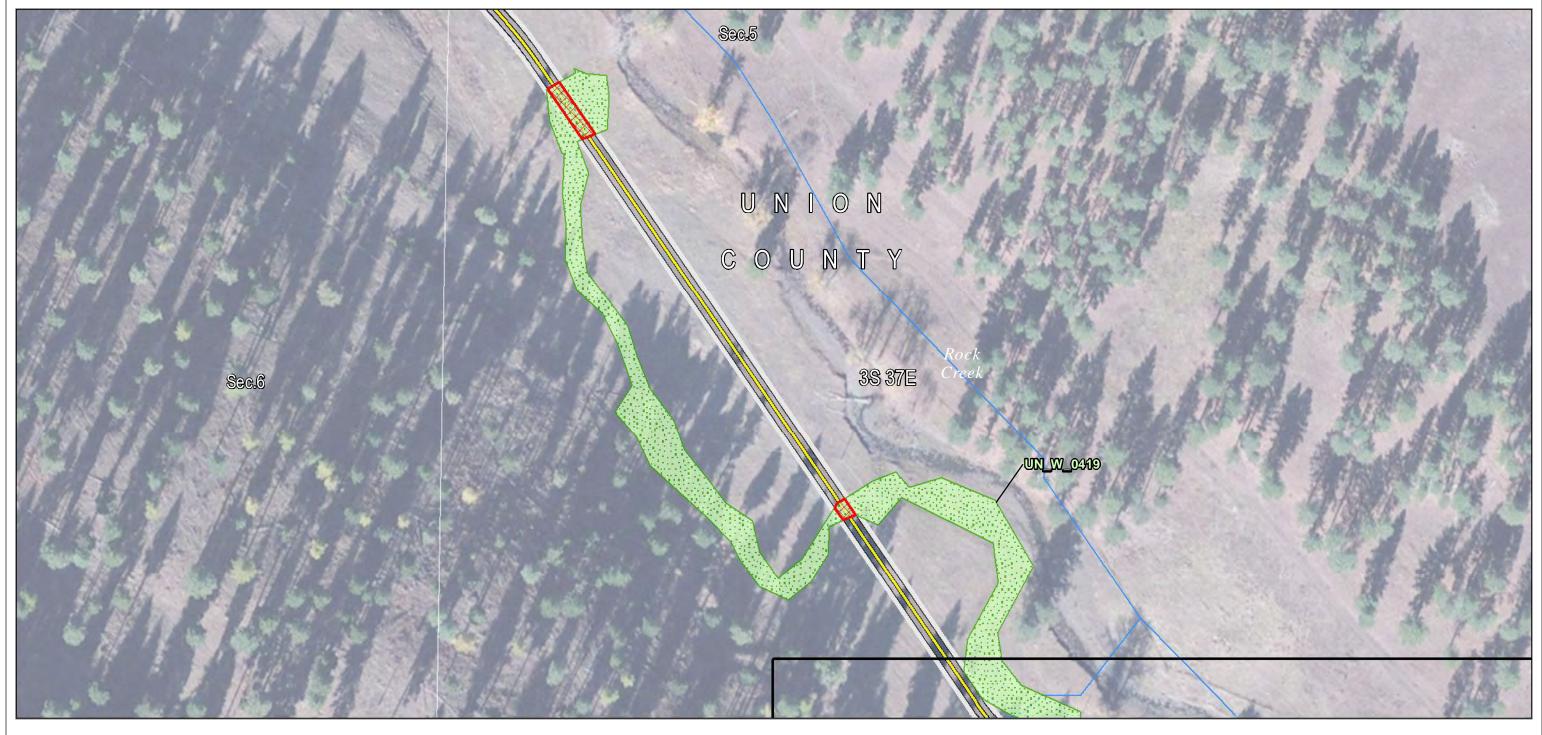
Wetland Impact Type

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-124
Wetland and Other Waters
Joint Permit Application
Detail Maps
Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

Rivers, Streams, and Canals

Wetland

Field Survey Wetland

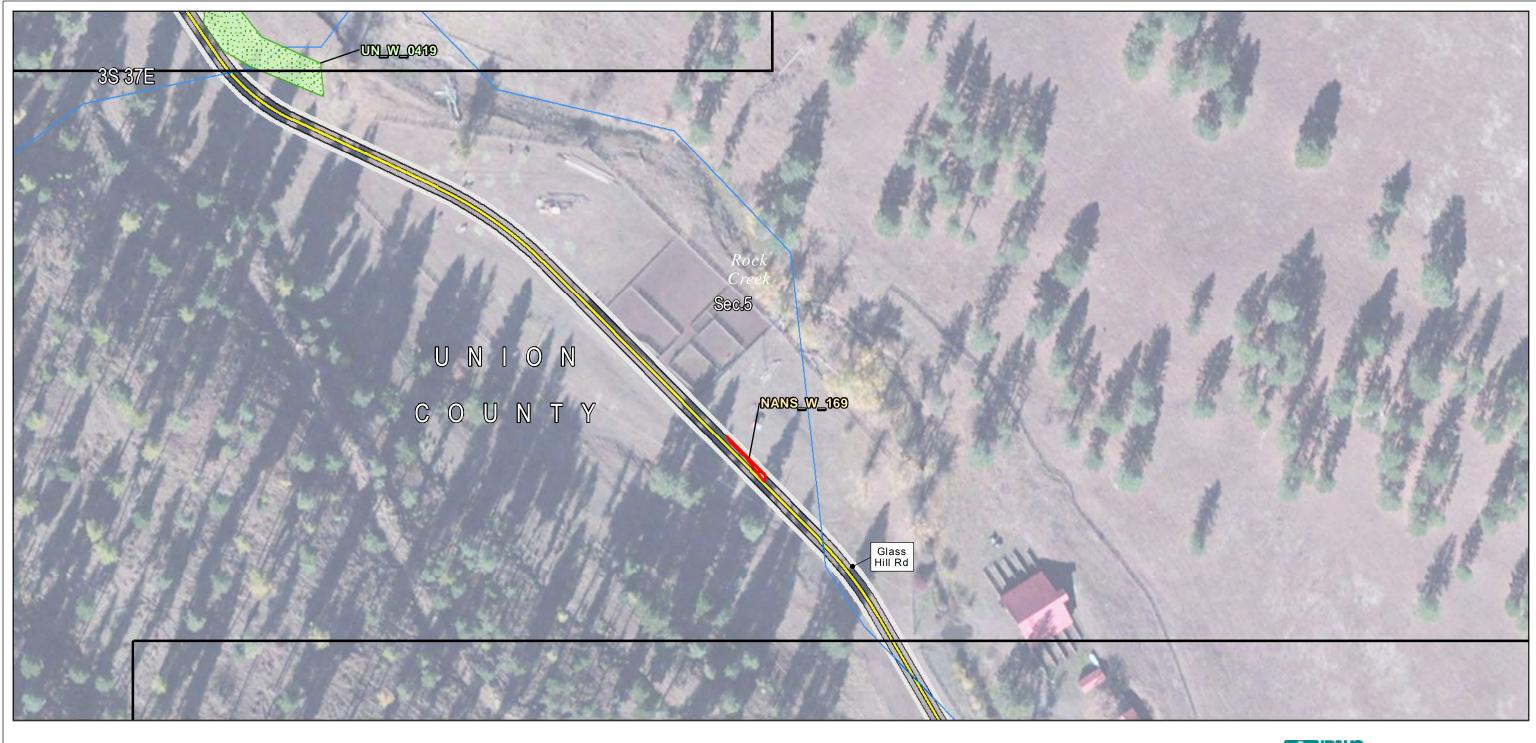
Wetland Impact Type

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-125 Wetland and Other Waters Joint Permit Application Detail Maps Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

Rivers, Streams, and Canals

Wetland

Field Survey Wetland

NANS Wetland (NWI)

Wetland Impact Type

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-126
Wetland and Other Waters
Joint Permit Application
Detail Maps
Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Construction Access

Existing Road, No
Substantial Modification, 0-20% Improvements

Rivers, Streams, and Canals

Other Waters

Field Survey Streams

NANS Streams (NHD)

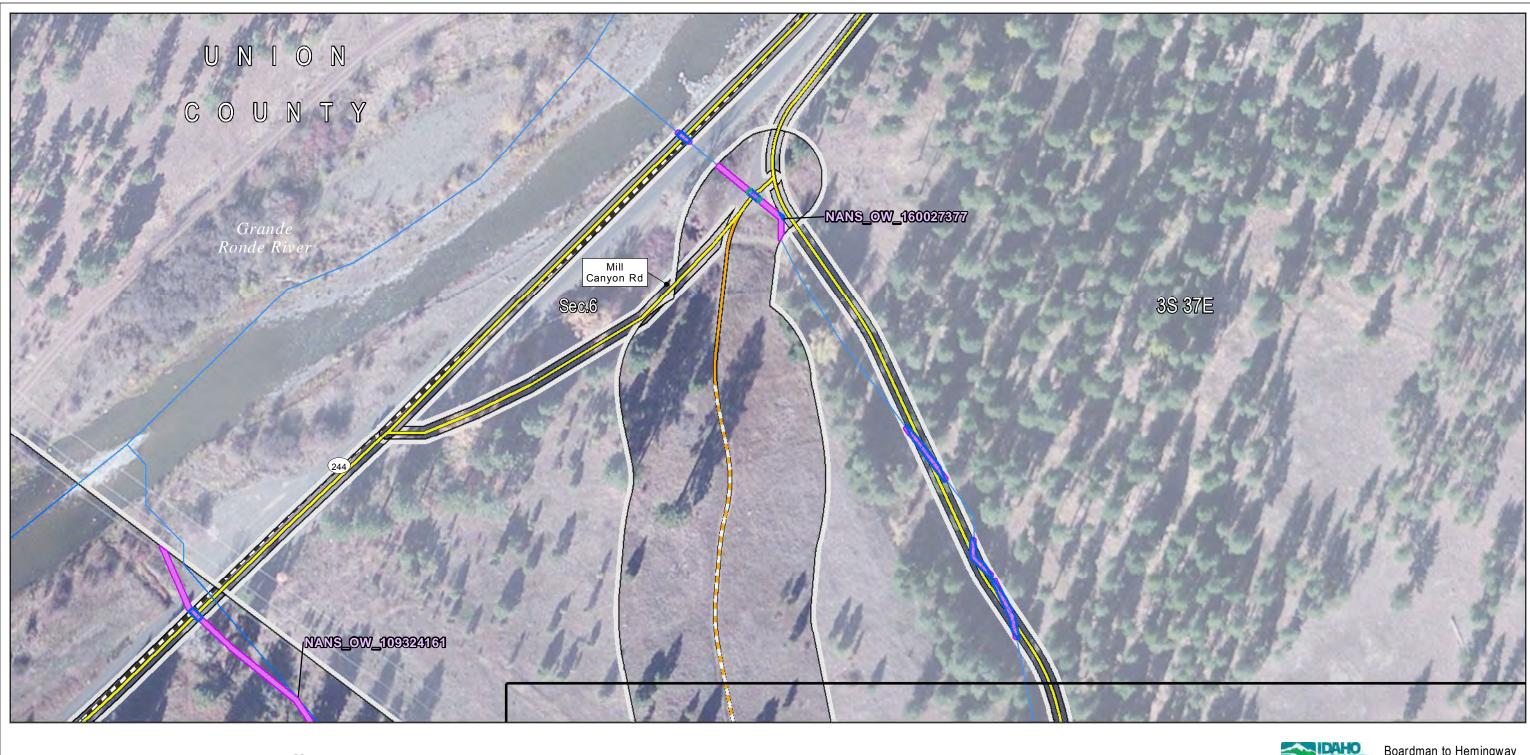
Stream Impact Type

Permanent



Transmission Line Project

Attachment K-127 Wetland and Other Waters Joint Permit Application Detail Maps Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

<u>Project Features</u> Site Boundary

Proposed Route

Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

Existing Road, Substantial
Modification, 21-70%
Improvements

New Road, Primitive

Transportation

Other Major Roads

Rivers, Streams, and Canals

Other Waters

NANS Streams (NHD)

Stream Impact Type

Temporary

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-128
Wetland and Other Waters
Joint Permit Application
Detail Maps
Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016





Transmission Line Project

Attachment K-129 Wetland and Other Waters Joint Permit Application Detail Maps Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016



Site Boundary

Proposed Route

Route Centerline Proposed Route

Work Areas Pulling and Tensioning

Structure Work Area

Mileposts

Mile

Tenth-mile

Construction Access Existing Road, No
Substantial Modification, 020% Improvements

Existing Road, Substantial Modification, 21-70%

New Road, Primitive

Rivers, Streams, and Canals

Other Waters

NANS Streams (NHD)

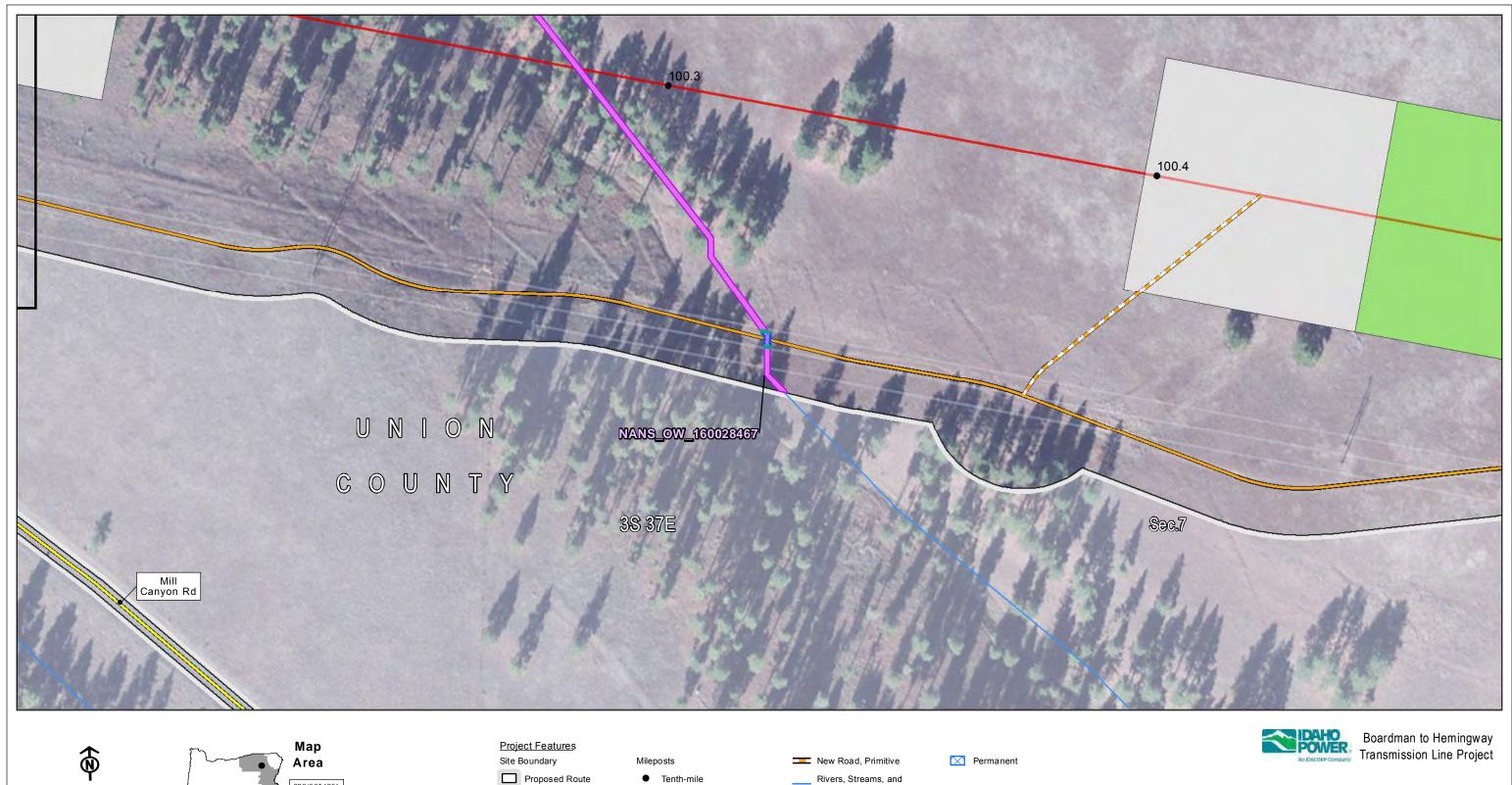
Stream Impact Type

Permanent



Transmission Line Project

Attachment K-130 **Wetland and Other Waters Joint Permit Application** Detail Maps Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Route Centerline

- Proposed Route

Work Areas

Pulling and Tensioning Structure Work Area

Construction Access

Existing Road, No
Substantial Modification, 0-20% Improvements

Existing Road, Substantial Modification, 21-70% Improvements

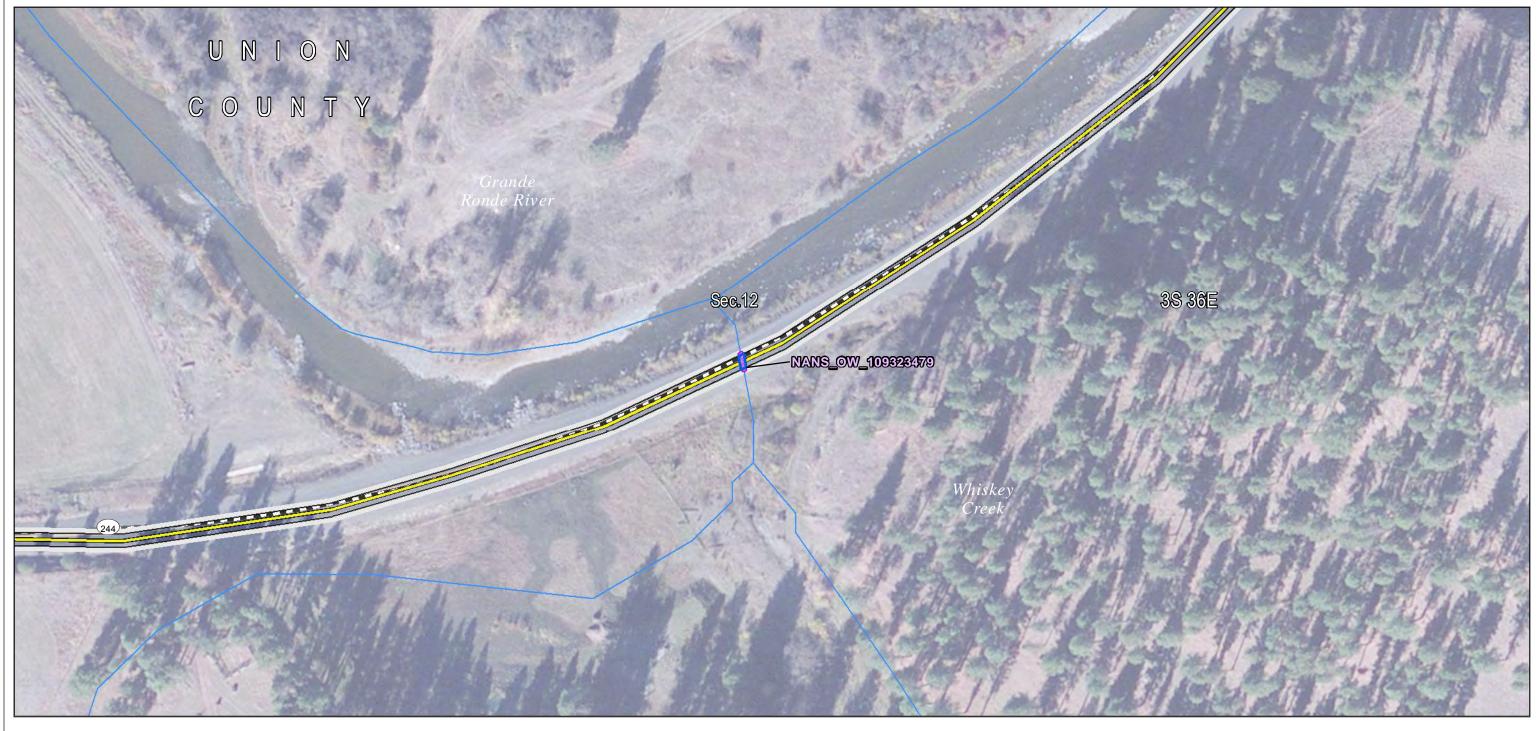
Canals

Other Waters

NANS Streams (NHD) Stream Impact Type

Temporary

Attachment K-131 Wetland and Other Waters Joint Permit Application Detail Maps Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

Transportation

Other Major Roads

Rivers, Streams, and Canals

Other Waters

NANS Streams (NHD)

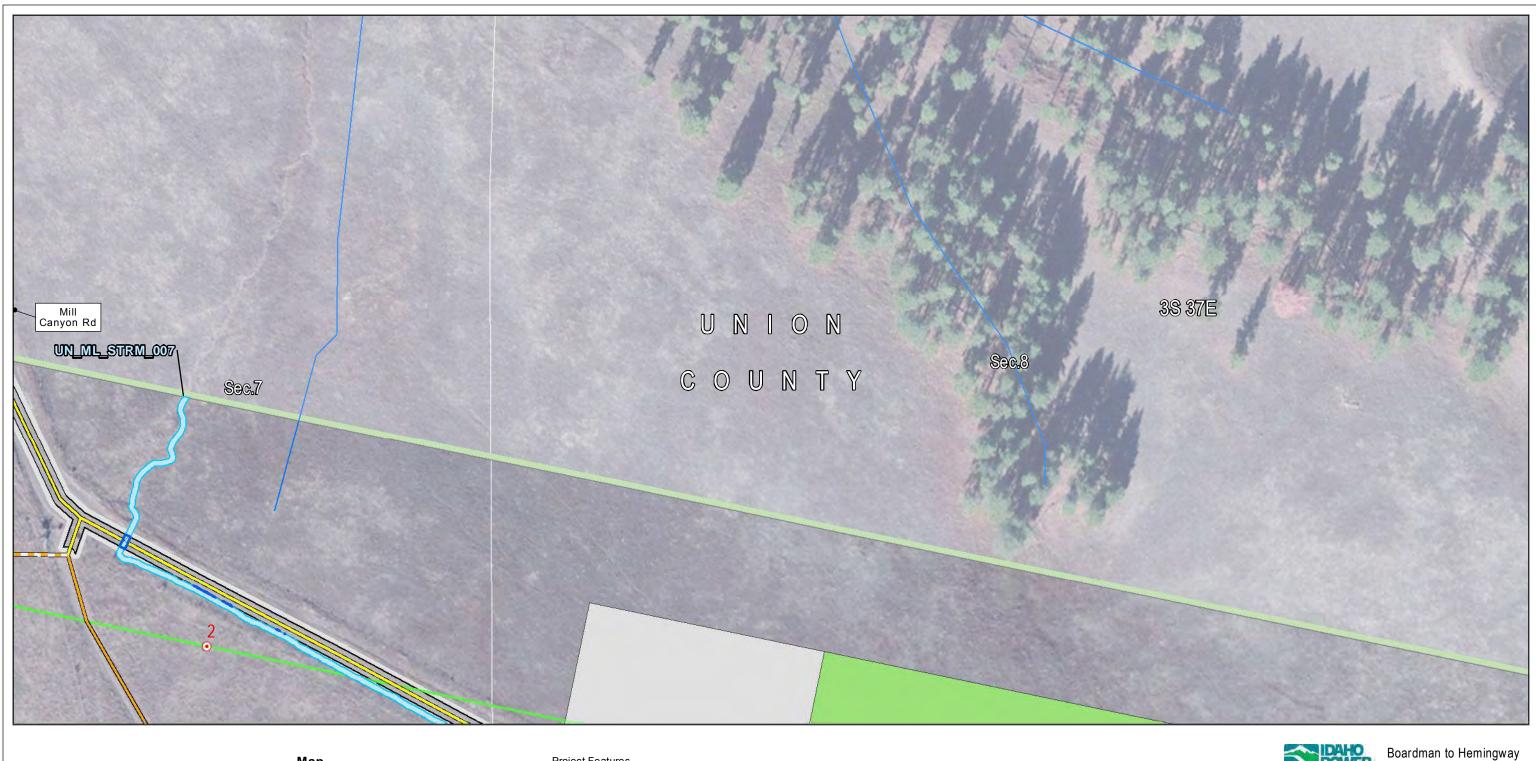
Stream Impact Type

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-132
Wetland and Other Waters
Joint Permit Application
Detail Maps
Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016



Alternative Route Route Centerline

Alternative

Work Areas Pulling and Tensioning Structure Work Area

Construction Access Existing Road, No Substantial Modification, 0-20% Improvements

Mileposts

Mile

Existing Road, Substantial Modification, 21-70% Improvements

New Road, Primitive

Rivers, Streams, and

Other Waters

Field Survey Streams

Stream Impact Type

Permanent



Transmission Line Project

Attachment K-133 Wetland and Other Waters Joint Permit Application Detail Maps Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

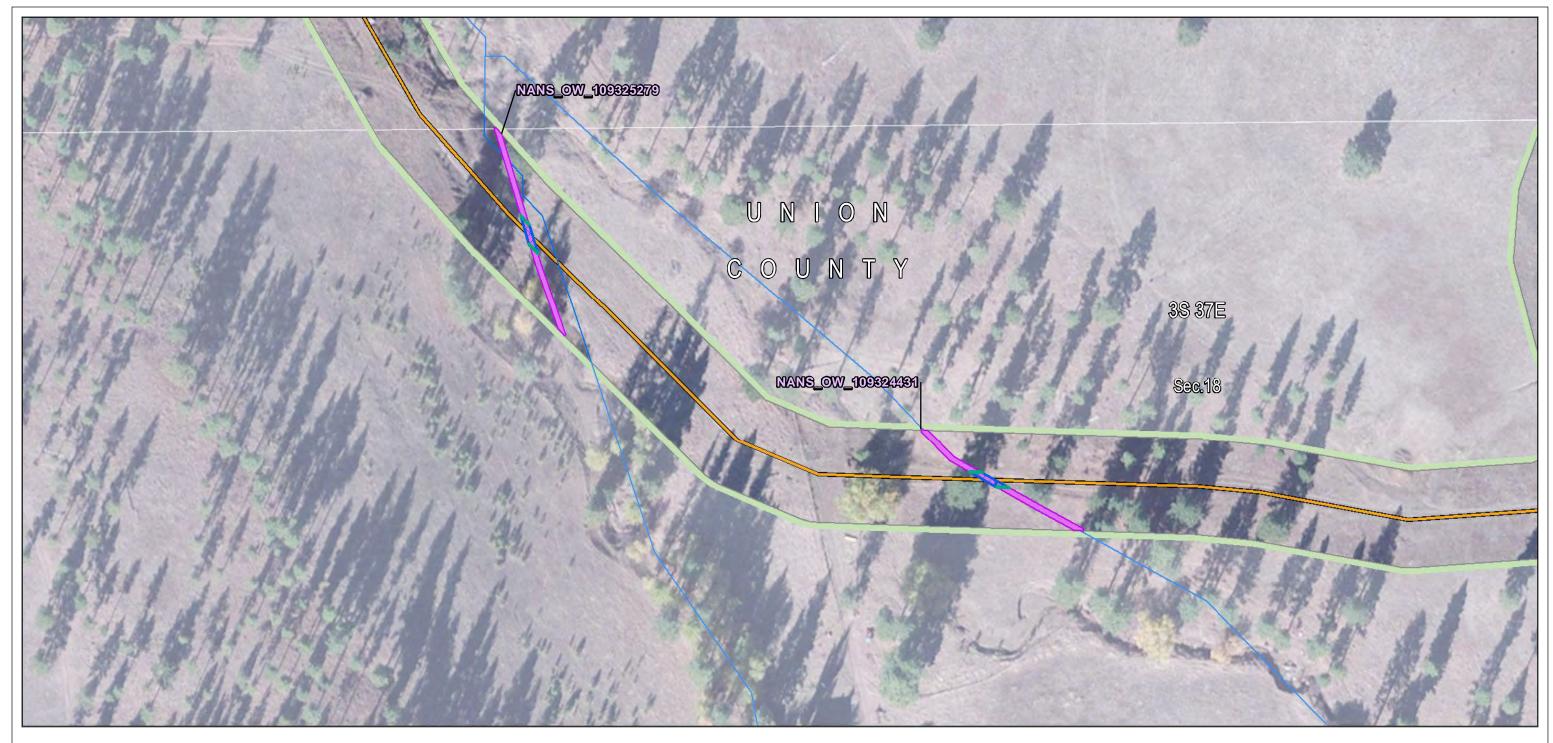
December 2016



Improvements



Attachment K-134 Wetland and Other Waters Joint Permit Application Detail Maps Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Site Boundary

Alternative Route
Construction Access

Existing Road, Substantial
Modification, 21-70%
Improvements

Rivers, Streams, and

Other Waters

NANS Streams (NHD)

Stream Impact Type

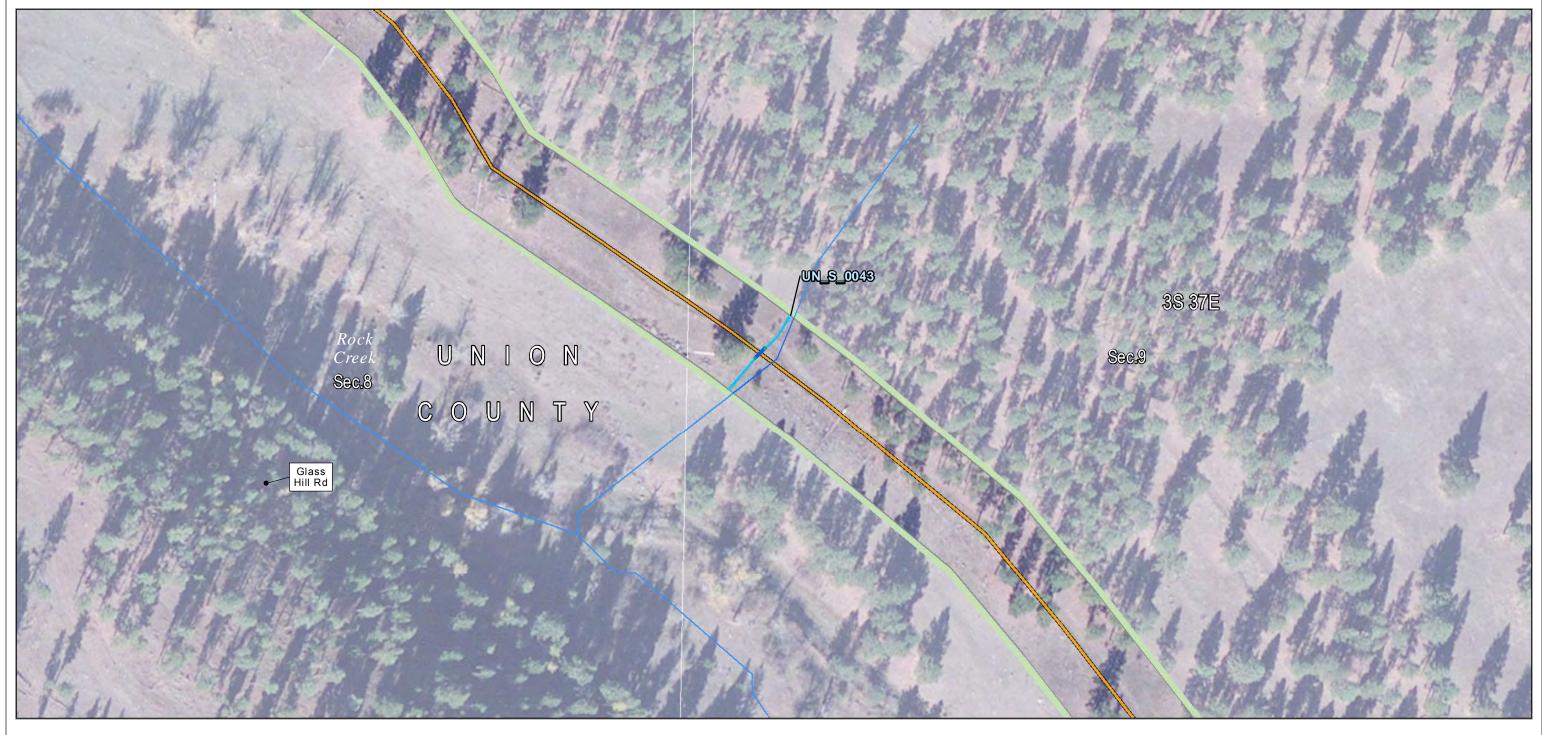
Temporary

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-135
Wetland and Other Waters
Joint Permit Application
Detail Maps
Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Site Boundary

Alternative Route

Construction Access

Existing Road, Substantial
Modification, 21-70%
Improvements

Rivers, Streams, and Canals

Other Waters

Field Survey Streams

Stream Impact Type

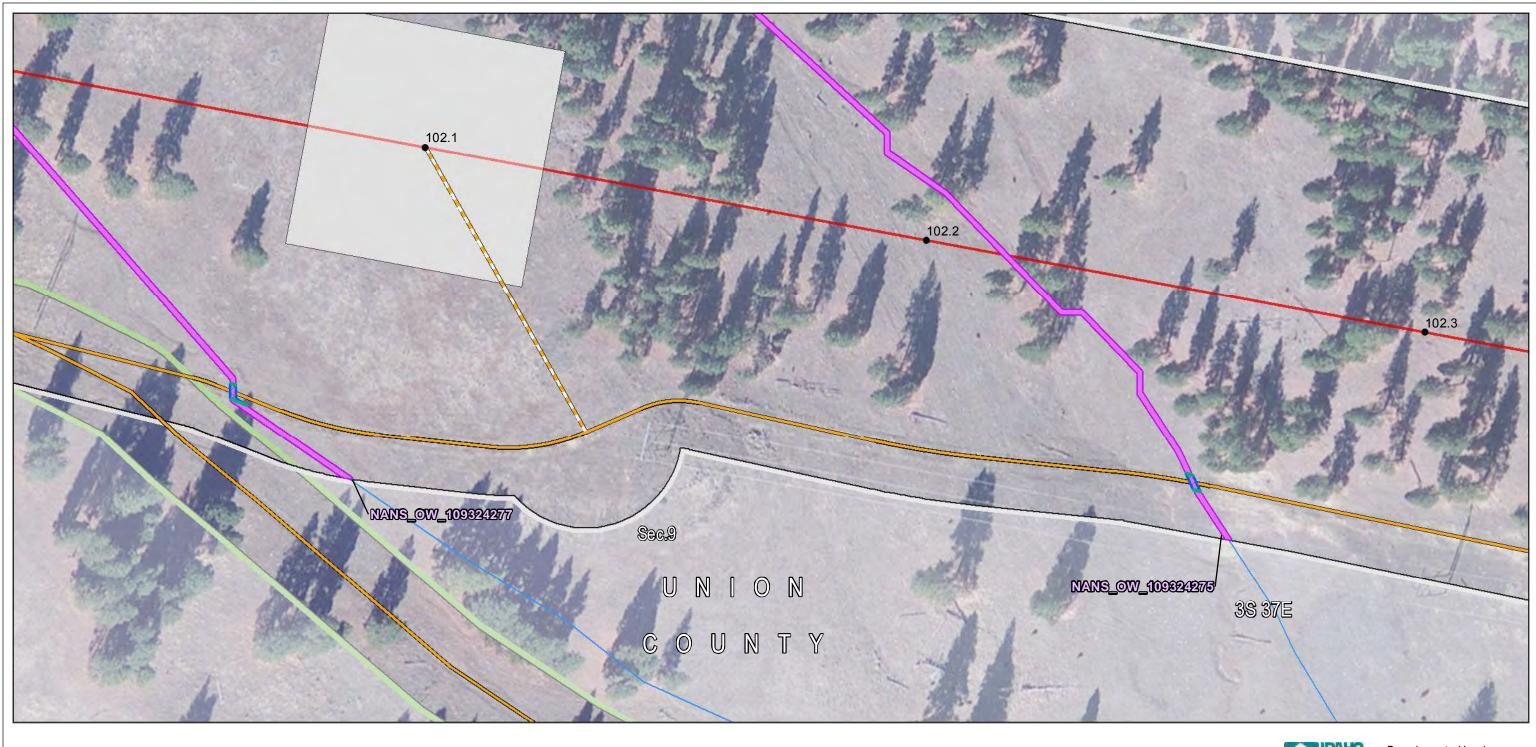
Temporary

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-136
Wetland and Other Waters
Joint Permit Application
Detail Maps
Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Site Boundary

Proposed Route Alternative Route

Route Centerline Proposed Route

Structure Work Area

Work Areas

Mileposts

Tenth-mile

Construction Access

Existing Road, Substantial
Modification, 21-70%
Improvements

New Road, Primitive

Rivers, Streams, and Canals

Other Waters

NANS Streams (NHD)

Stream Impact Type

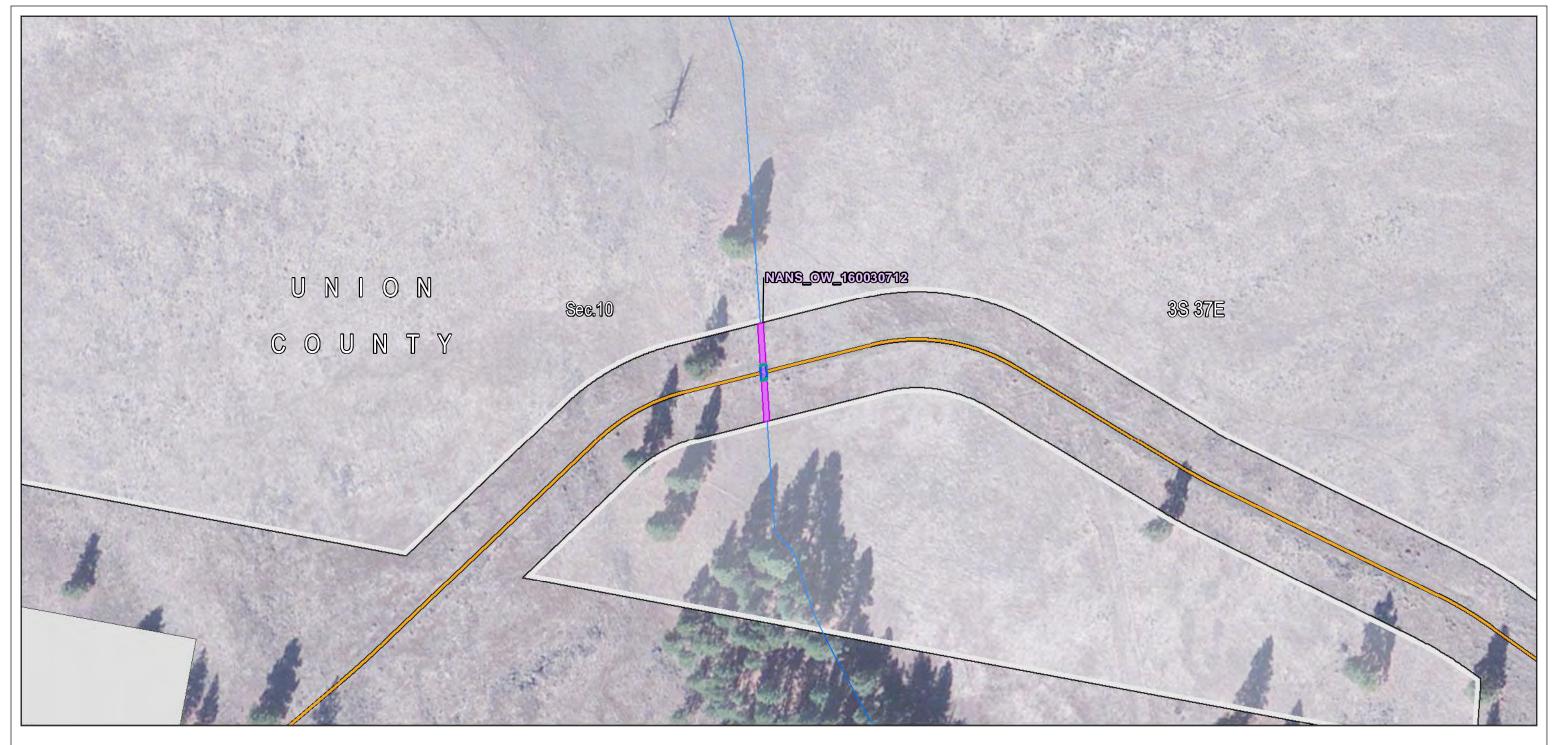
Temporary

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-137 Wetland and Other Waters Joint Permit Application Detail Maps Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Site Boundary

Proposed Route

Work Areas

Structure Work Area

Construction Access

Existing Road, Substantial
Modification, 21-70%
Improvements

Rivers, Streams, and Canals

Other Waters

NANS Streams (NHD)

Stream Impact Type

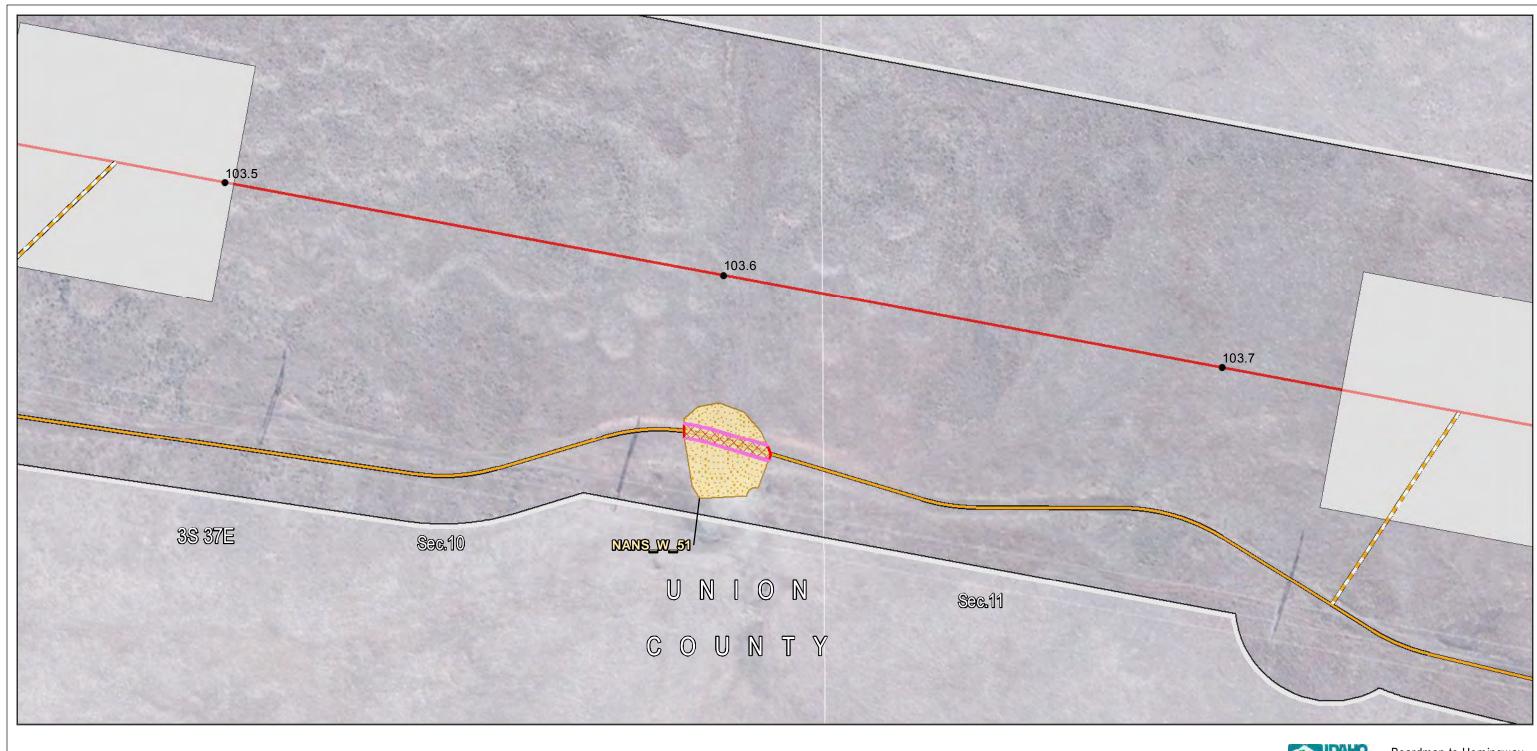
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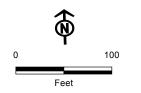
Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-138
Wetland and Other Waters
Joint Permit Application
Detail Maps
Union County







Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Site Boundary

Proposed 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

Rivers, Streams, and Canals

Wetland

NANS Wetland (NWI)

Wetland Impact Type

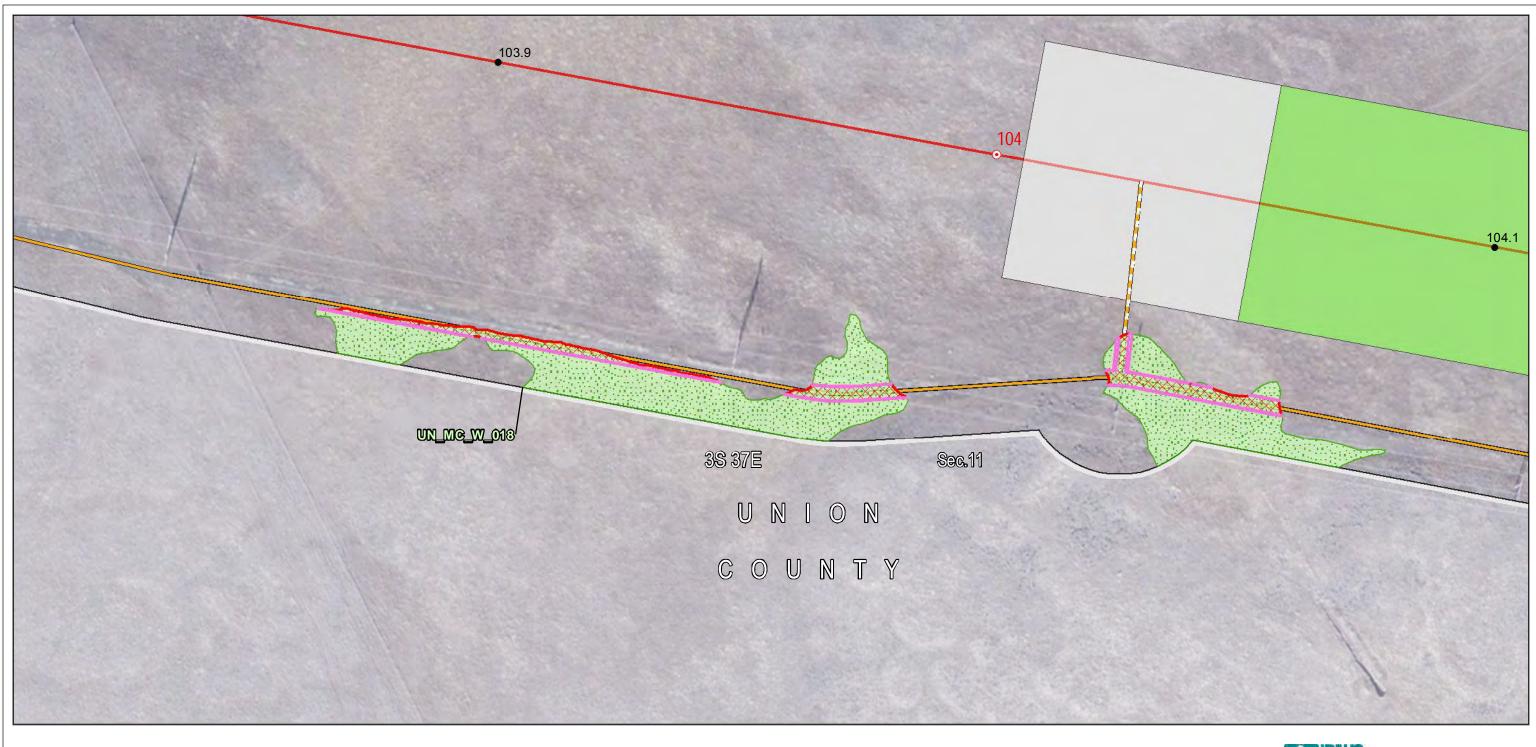
Temporary

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-139 Wetland and Other Waters Joint Permit Application Detail Maps Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016



Proposed 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%

New Road, Primitive

Rivers, Streams, and Canals

Wetland

Field Survey Wetland

Wetland Impact Type

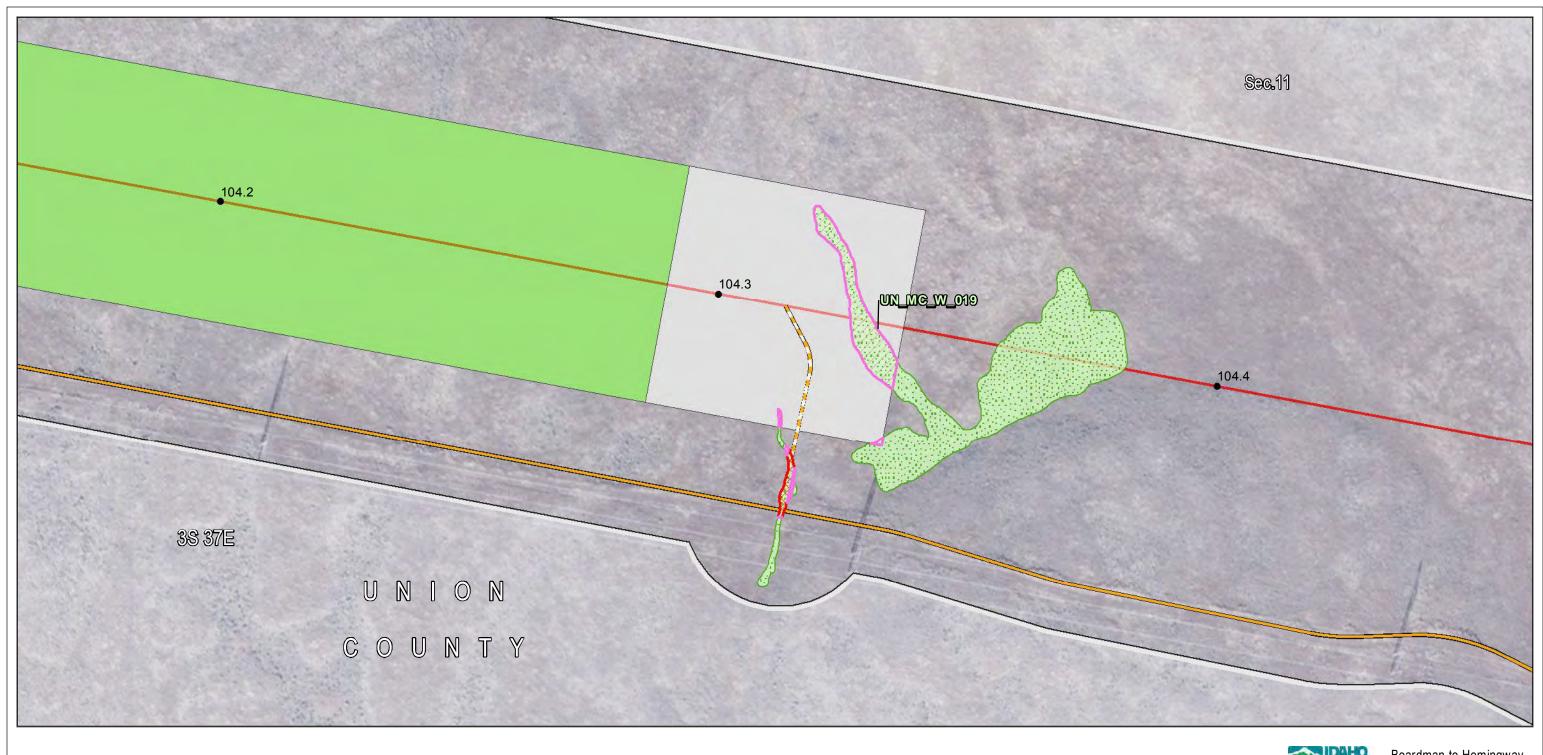
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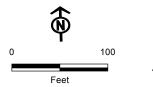
Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-140
Wetland and Other Waters
Joint Permit Application
Detail Maps
Union County







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

Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Site Boundary

☐ Proposed Route

Route Centerline

Proposed Route Work Areas

Pulling and Tensioning

Structure Work Area

Mileposts

Tenth-mile

Existing Road, Substantial Modification, 21-70% Improvements

New Road, Primitive

Rivers, Streams, and Canals

Wetland

Field Survey Wetland

Wetland Impact Type

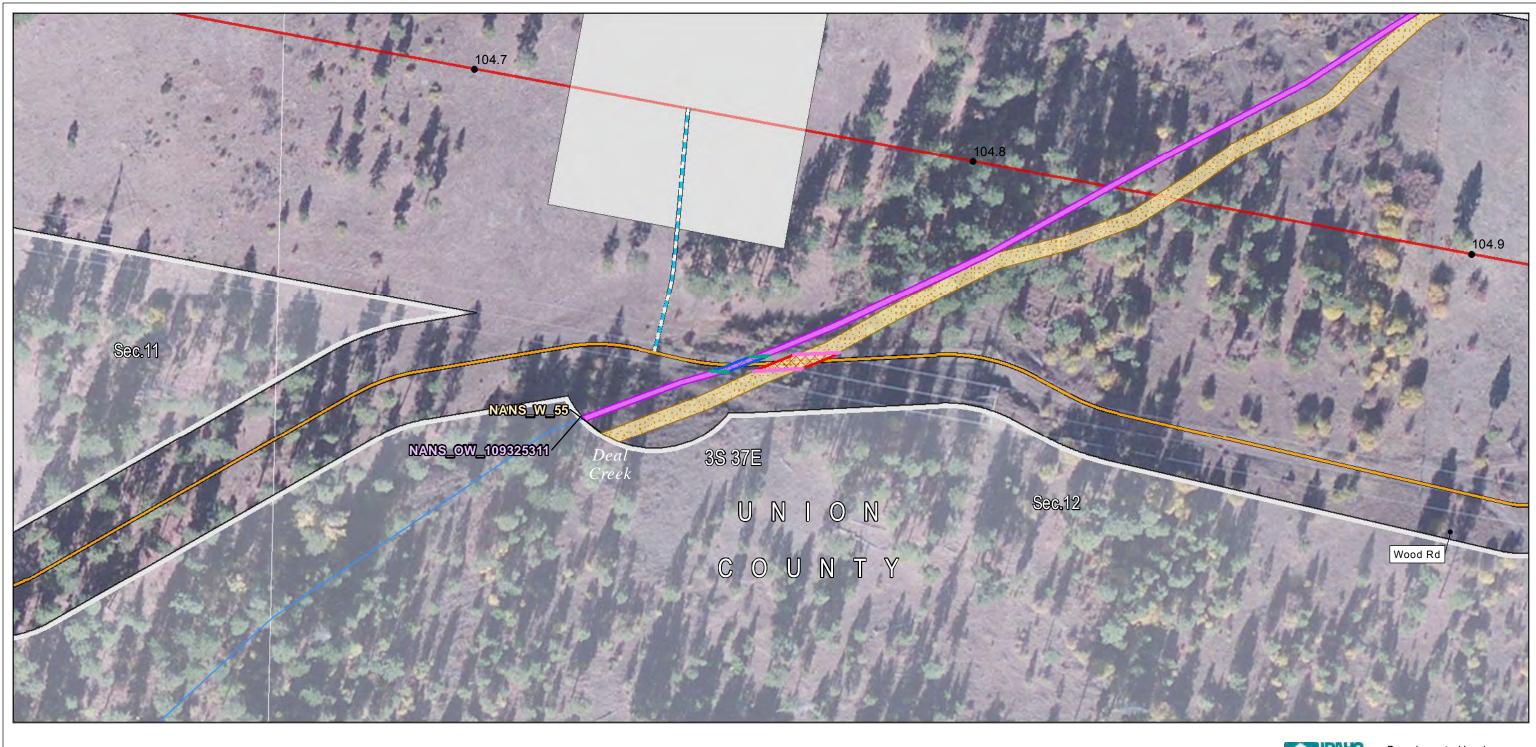
Temporary

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-141 Wetland and Other Waters Joint Permit Application Detail Maps Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Site Boundary

Proposed Route
Route Centerline

Proposed Route
Work Areas

Structure Work Area

Mileposts

Tenth-mile

Construction Access

Existing Road, Substantial

Modification, 21-70%

Modification, 21-70% Improvements

New Road, Bladed

Rivers, Streams, and Canals

Other Waters

NANS Streams (NHD)
Stream Impact Type

Temporary

Permanent

Wetland

NANS Wetland (NWI)

Wetland Impact Type

Temporary

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-142
Wetland and Other Waters
Joint Permit Application
Detail Maps
Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

Rivers, Streams, and Canals

Other Waters

NANS Streams (NHD)

Stream Impact Type

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-143 Wetland and Other Waters Joint Permit Application Detail Maps Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

Rivers, Streams, and Canals

Other Waters

NANS Streams (NHD)

Stream Impact Type

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-144
Wetland and Other Waters
Joint Permit Application
Detail Maps
Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Proposed Route Route Centerline

--- Proposed Route

Work Areas Pulling and Tensioning

 Tenth-mile Construction Access

Existing Road, No
Substantial Modification, 0-20% Improvements

Existing Road, Substantial Modification, 21-70%

Rivers, Streams, and

Other Waters

Field Survey Streams

Stream Impact Type Temporary

Permanent

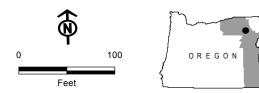
Wetland

NANS Wetland (NWI)

Wetland Impact Type Permanent

Attachment K-145 **Wetland and Other Waters Joint Permit Application** Detail Maps Union County





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Area

PROJECT AREA

Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

Rivers, Streams, and Canals

Other Waters

NANS Streams (NHD)

Stream Impact Type

Permanent

Wetland

NANS Wetland (NWI)

Wetland Impact Type

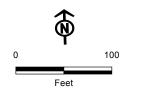
Permanent



Boardman to Hemingway
Transmission Line Project

Attachment K-146
Wetland and Other Waters
Joint Permit Application
Detail Maps
Union County







Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

Rivers, Streams, and Canals

Other Waters

Field Survey Streams

Stream Impact Type

Permanent

Wetland

Field Survey Wetland

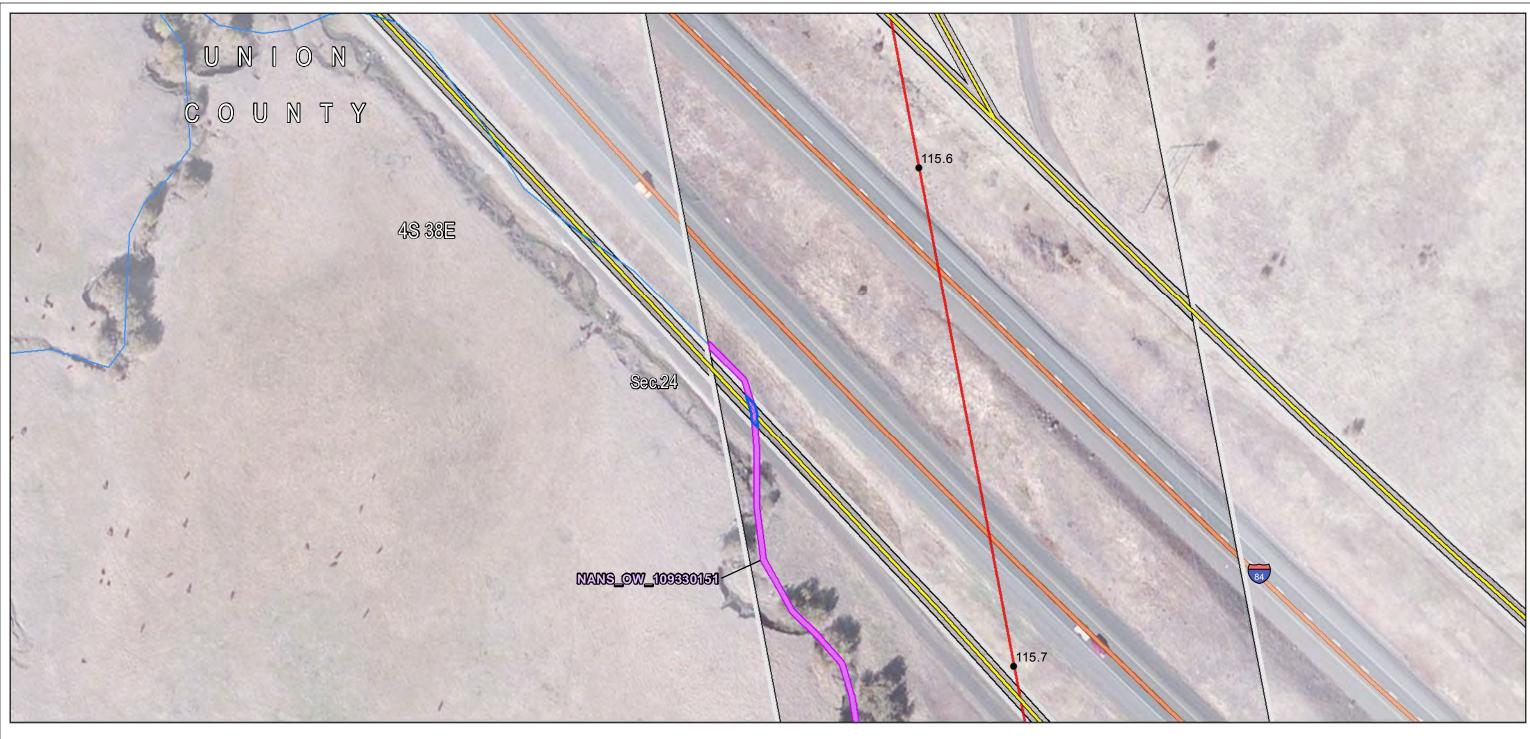
Wetland Impact Type

Permanent

POWER.

Boardman to Hemingway Transmission Line Project

Attachment K-147
Wetland and Other Waters
Joint Permit Application
Detail Maps
Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Site Boundary

Proposed Route
Route Centerline

Proposed Route

Mileposts

Tenth-mile

Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

Transportation

Interstates or Highways

Rivers, Streams, and Canals

Other Waters

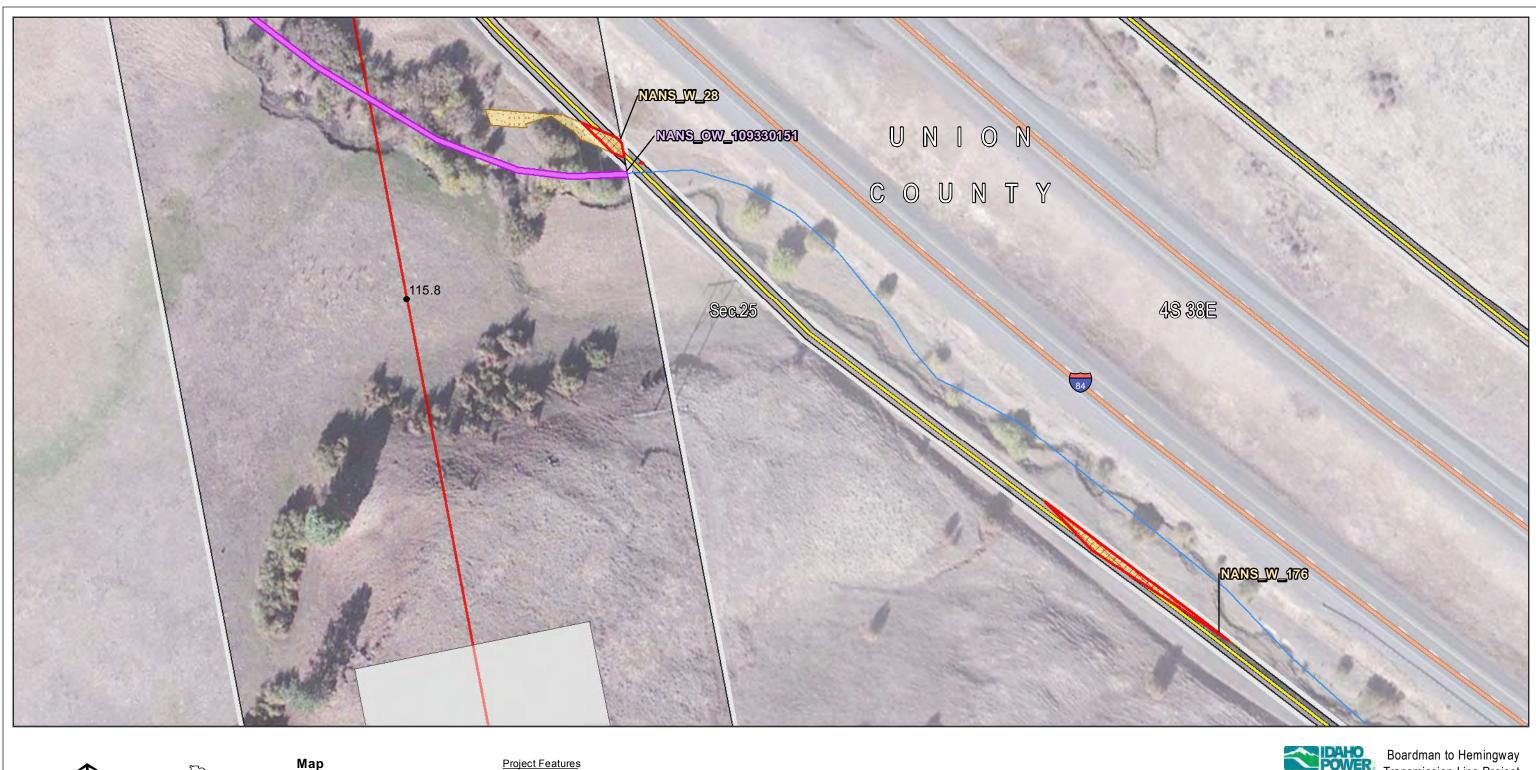
NANS Streams (NHD)
Stream Impact Type

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-148
Wetland and Other Waters
Joint Permit Application
Detail Maps
Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Site Boundary Proposed Route

Route Centerline

Proposed Route Work Areas

Structure Work Area

Mileposts

Tenth-mile

Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

Transportation

Interstates or Highways

Rivers, Streams, and Canals

Other Waters

NANS Streams (NHD)

Wetland

NANS Wetland (NWI)

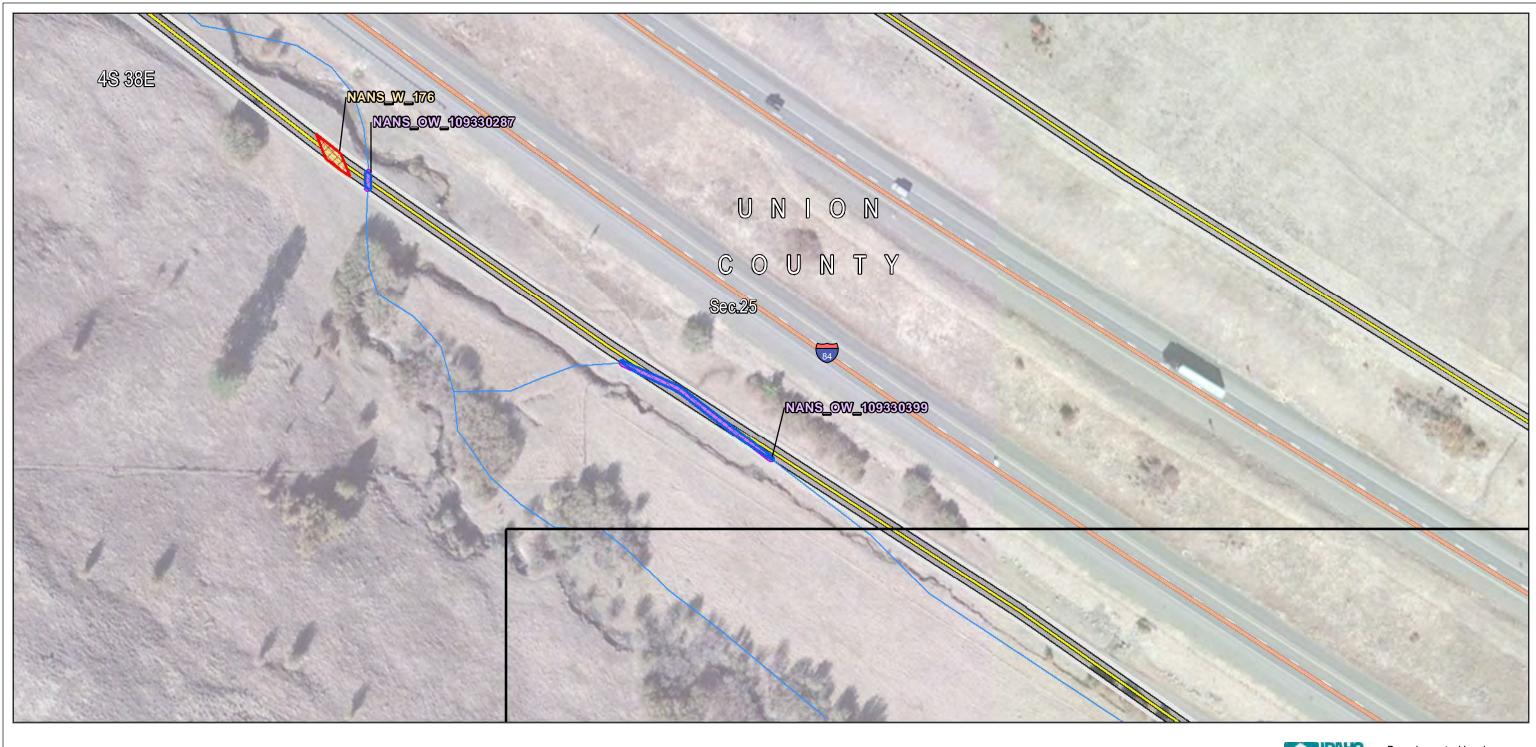
Wetland Impact Type

Permanent



Transmission Line Project

Attachment K-149 **Wetland and Other Waters Joint Permit Application** Detail Maps Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

Transportation

Interstates or Highways

Rivers, Streams, and Canals

Other Waters

NANS Streams (NHD)

Stream Impact Type

Permanent

Wetland

NANS Wetland (NWI)

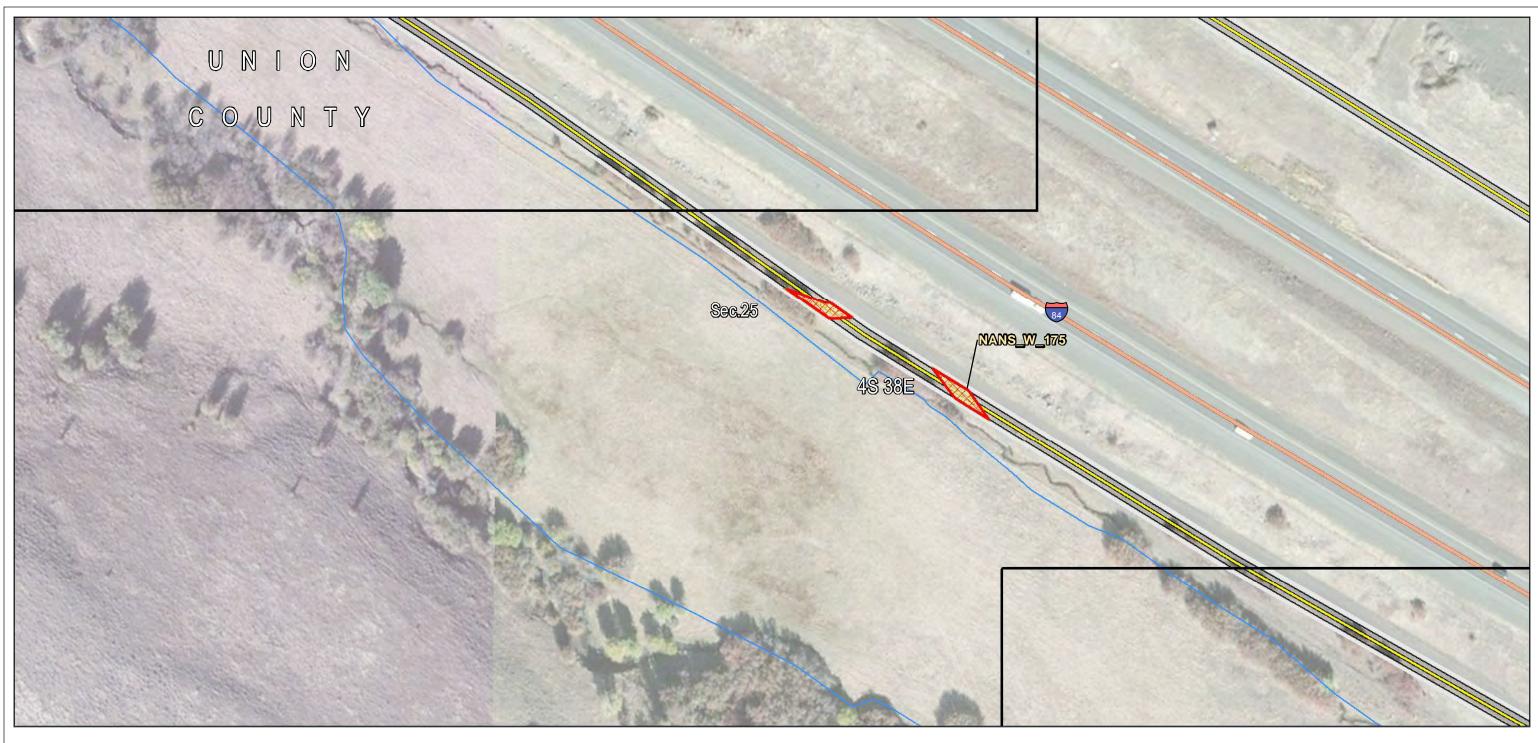
Wetland Impact Type

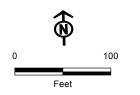
Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-150
Wetland and Other Waters
Joint Permit Application
Detail Maps
Union County







Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

Transportation

Interstates or Highways

Rivers, Streams, and Canals

Wetland

NANS Wetland (NWI)

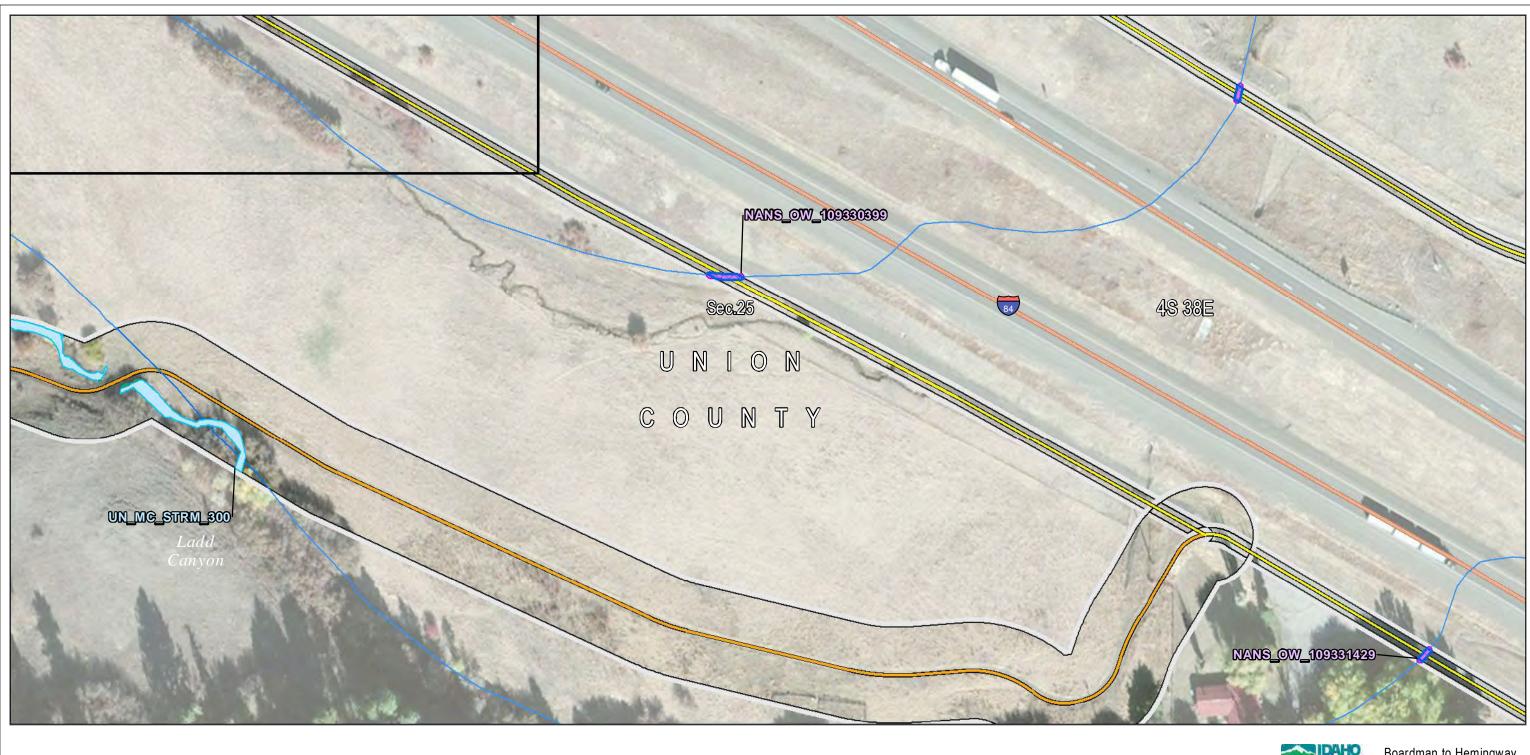
Wetland Impact Type

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-151
Wetland and Other Waters
Joint Permit Application
Detail Maps
Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016



Site Boundary

Proposed Route
Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

Existing Road, Substantial
Modification, 21-70%
Improvements

Transportation

Interstates or Highways

Stream Impact Type

Temporary

Permanent

Rivers, Streams, and Canals

Other Waters

Field Survey Streams

NANS Streams (NHD)

Boardman to Hemingway
Transmission Line Project

Attachment K-152
Wetland and Other Waters
Joint Permit Application
Detail Maps
Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Site Boundary

Alternative Route

Construction Access

Existing Road, Substantial
Modification, 21-70%
Improvements

New Road, Bladed

Rivers, Streams, and Canals

<u>Wetland</u>

Field Survey Wetland
Wetland Impact Type

Temporary

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-153
Wetland and Other Waters
Joint Permit Application
Detail Maps
Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

Rivers, Streams, and Canals

Other Waters

NANS Streams (NHD)

Stream Impact Type

Permanent

<u>Wetland</u>

NANS Wetland (NWI)

Wetland Impact Type

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-154
Wetland and Other Waters
Joint Permit Application
Detail Maps
Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

Rivers, Streams, and Canals

Other Waters

NANS Streams (NHD)

Stream Impact Type

Permanent

Wetland

NANS Wetland (NWI)

Wetland Impact Type

Permanent

POWER.

Boardman to Hemingway Transmission Line Project

Attachment K-155
Wetland and Other Waters
Joint Permit Application
Detail Maps
Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

Rivers, Streams, and Canals

Other Waters

NANS Streams (NHD)

Stream Impact Type

Permanent

Wetland

NANS Wetland (NWI)

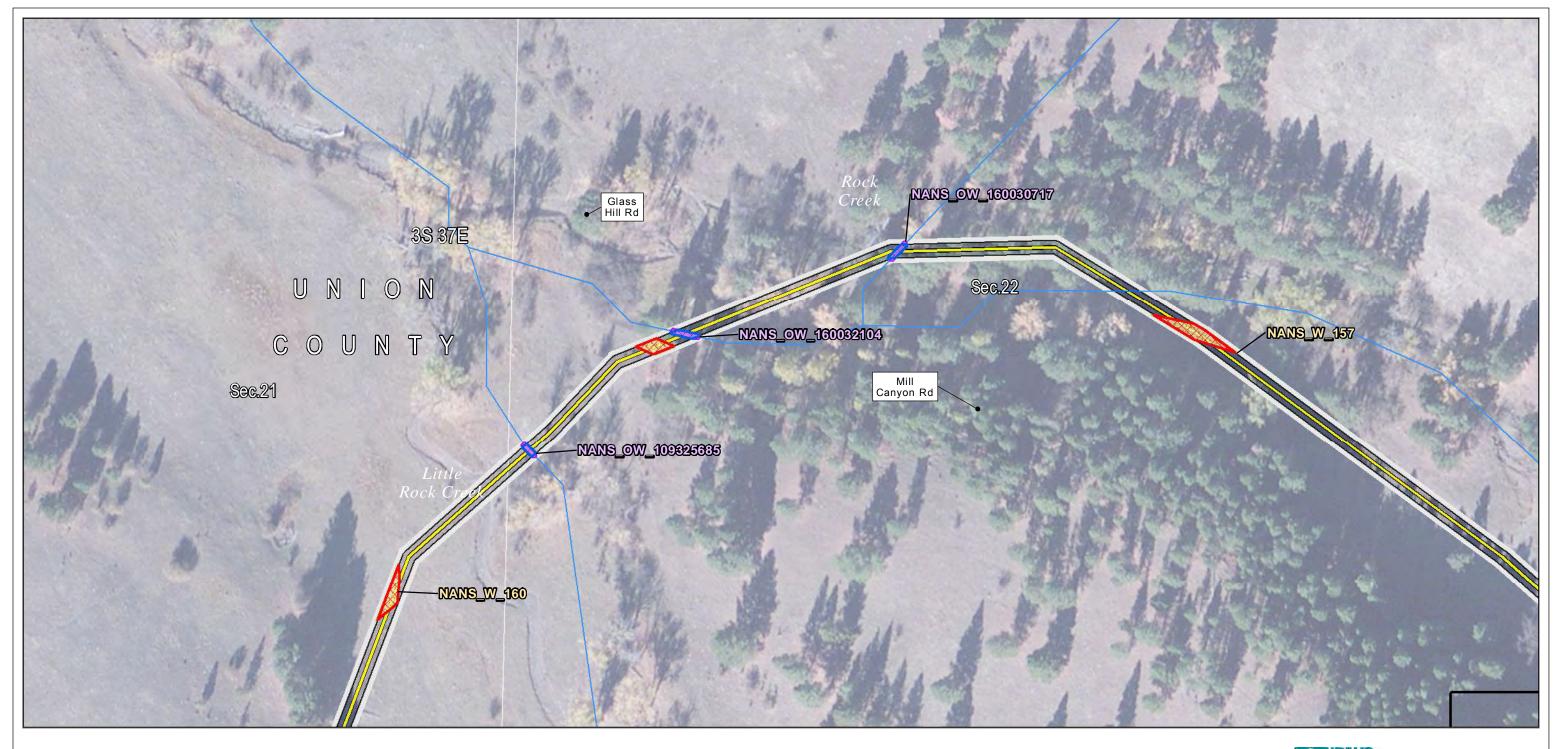
Wetland Impact Type

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-156
Wetland and Other Waters
Joint Permit Application
Detail Maps
Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

Rivers, Streams, and Canals

Other Waters

NANS Streams (NHD)

Stream Impact Type

Permanent

Wetland

NANS Wetland (NWI)

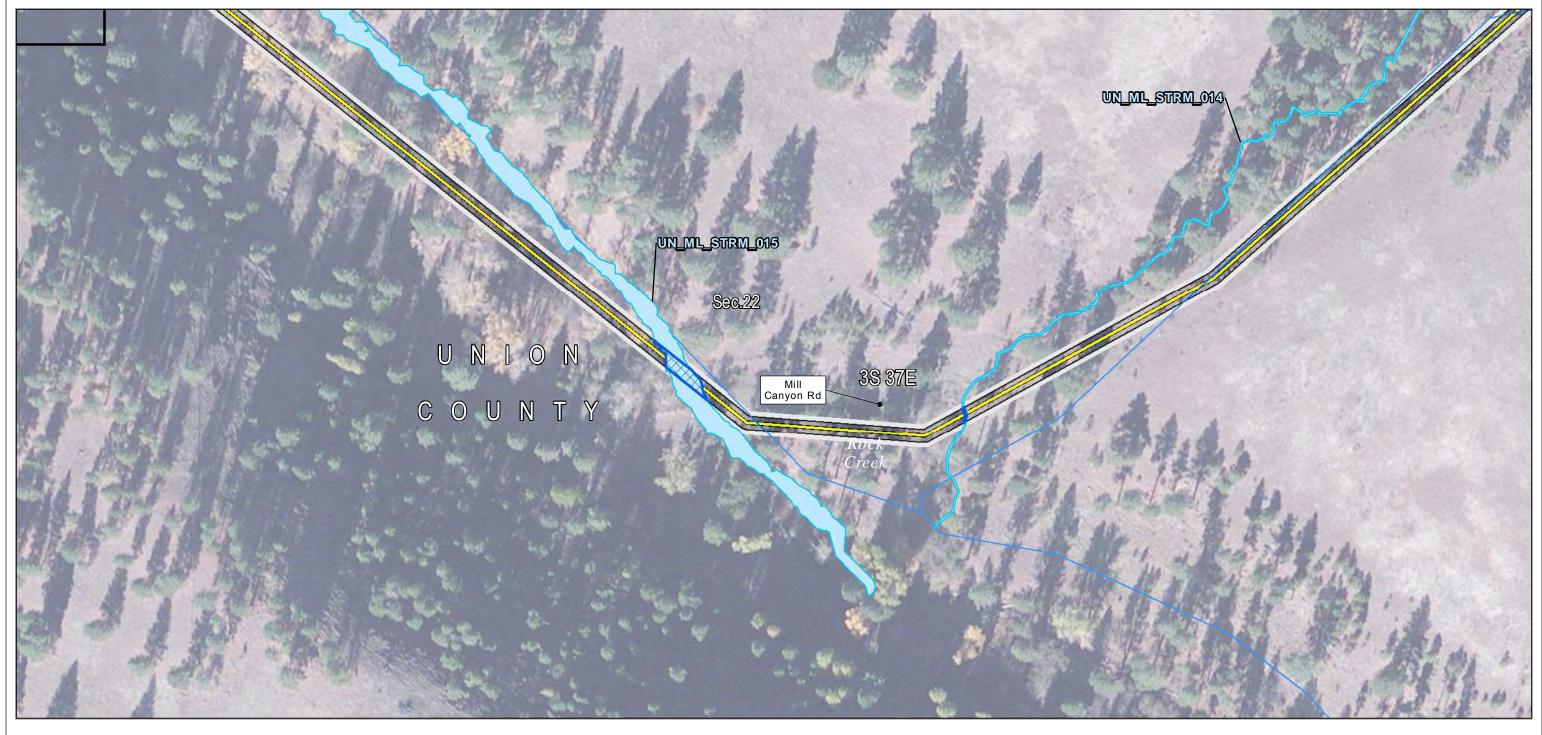
Wetland Impact Type

Permanent

POWER -

Boardman to Hemingway Transmission Line Project

Attachment K-157
Wetland and Other Waters
Joint Permit Application
Detail Maps
Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

Rivers, Streams, and Canals

Other Waters

Field Survey Streams

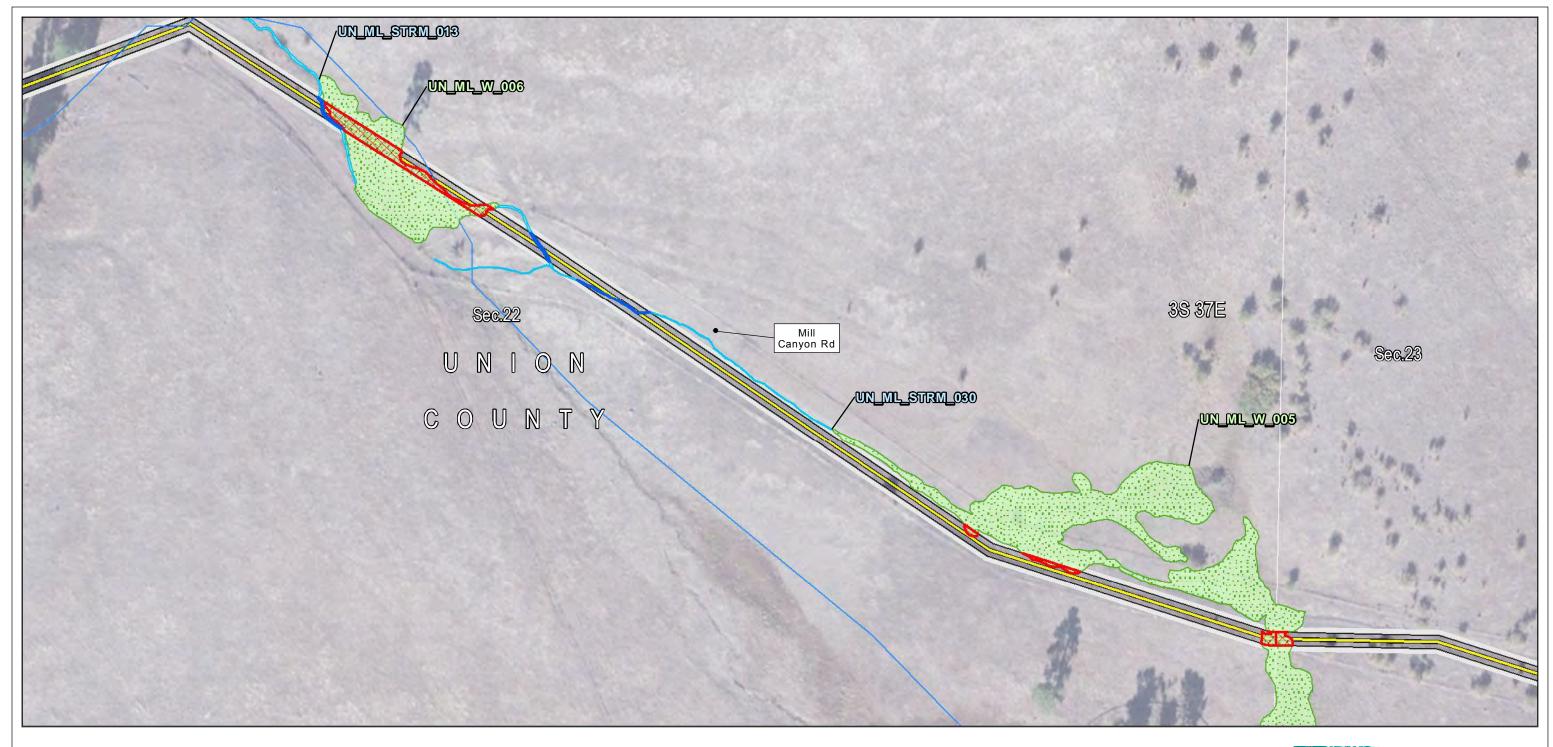
Stream Impact Type

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-158 Wetland and Other Waters Joint Permit Application Detail Maps Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

Rivers, Streams, and Canals

Other Waters

Field Survey Streams

Permanent
Wetland

Stream Impact Type

vveliano

Field Survey Wetland

Wetland Impact Type

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-159
Wetland and Other Waters
Joint Permit Application
Detail Maps
Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Site Boundary

Alternative Route Construction Access

Existing Road, No Substantial Modification, 0-20% Improvements

New Road, Primitive

Rivers, Streams, and Canals

<u>Wetland</u>

Field Survey Wetland

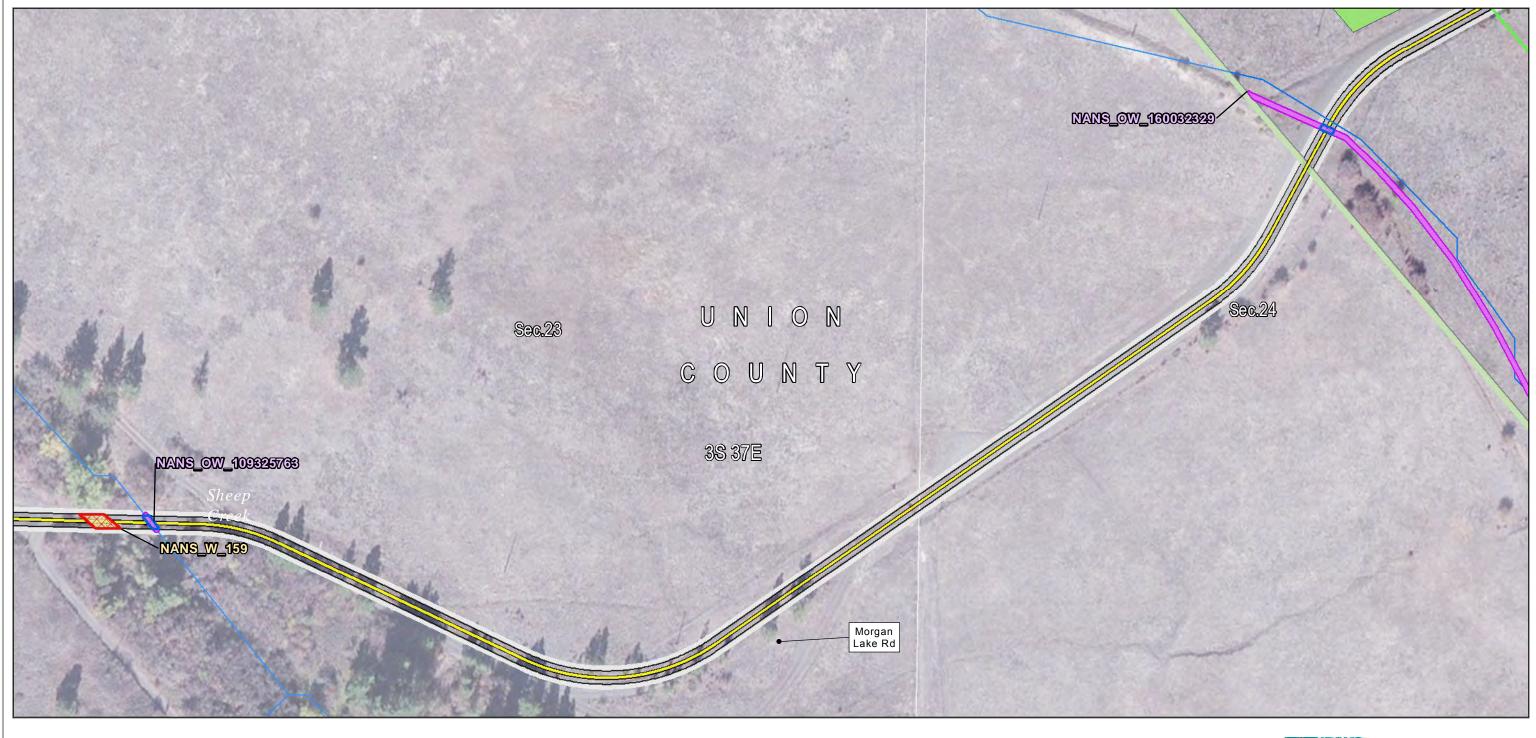
Wetland Impact Type Temporary

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-160 **Wetland and Other Waters** Joint Permit Application Detail Maps Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Site Boundary

Alternative Route
Route Centerline

Alternative

Work Areas

Pulling and Tensioning

Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

Rivers, Streams, and Canals

Other Waters

NANS Streams (NHD)

Stream Impact Type

Permanent

Wetland

NANS Wetland (NWI)
Wetland Impact Type

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-161
Wetland and Other Waters
Joint Permit Application
Detail Maps
Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

Rivers, Streams, and Canals

Other Waters

NANS Streams (NHD)

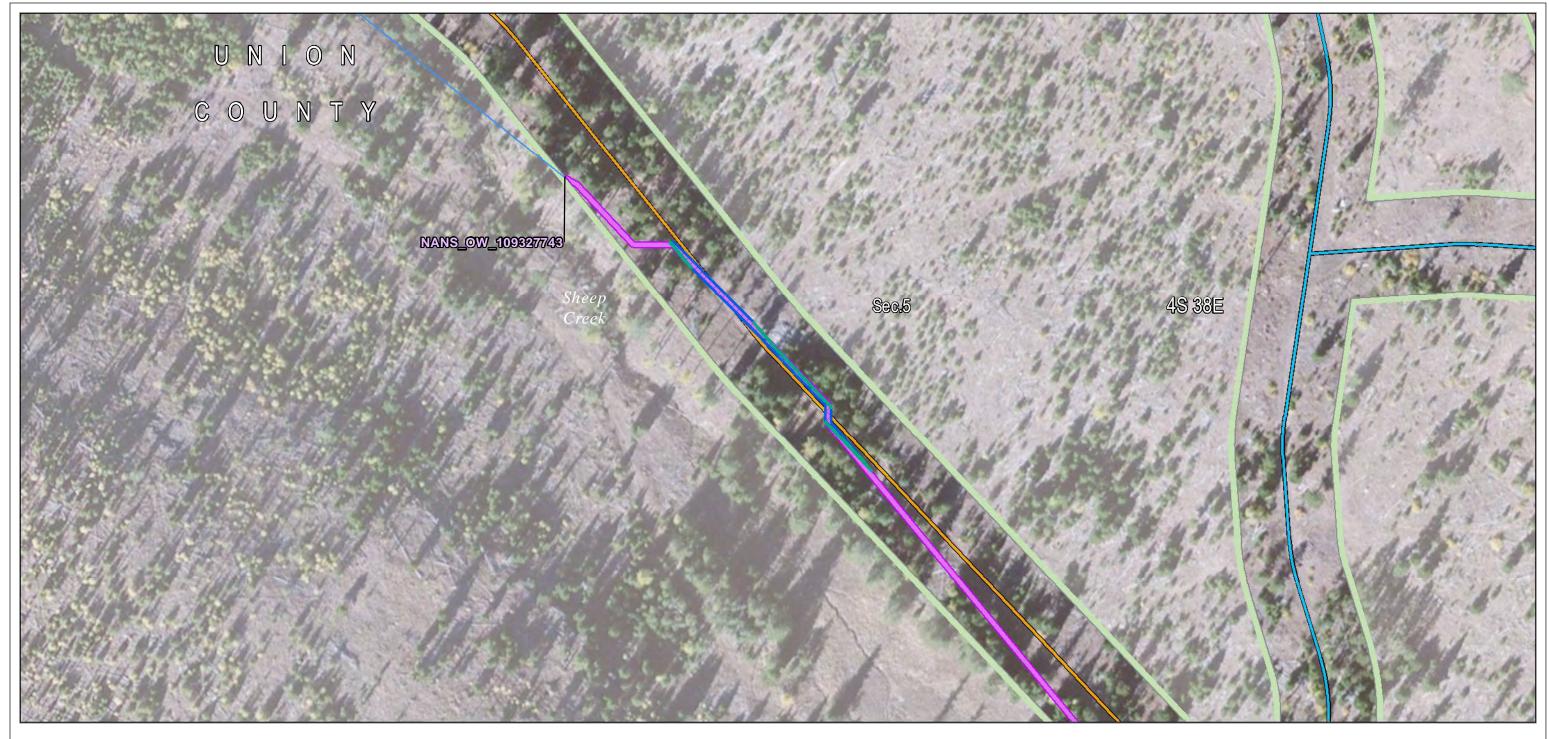
Stream Impact Type

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-162
Wetland and Other Waters
Joint Permit Application
Detail Maps
Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features
Site Boundary

Alternative Route
Construction Access

Existing Road, Substantial
Modification, 21-70%
Improvements

Existing Road, Substantial
Modification, 71-100%
Improvements

Rivers, Streams, and Canals

Other Waters

NANS Streams (NHD)

Stream Impact Type

Temporary

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-163
Wetland and Other Waters
Joint Permit Application
Detail Maps
Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016



Alternative Route

Structure Work Area

Route Centerline

--- Alternative

Work Areas

Mileposts

Tenth-mile

Construction Access

Existing Road, Substantial

Modification, 21-70%

Improvements

Existing Road, Substantial

Modification, 71-100%
Improvements

Rivers, Streams, and Canals

Other Waters

NANS Streams (NHD)

Stream Impact Type

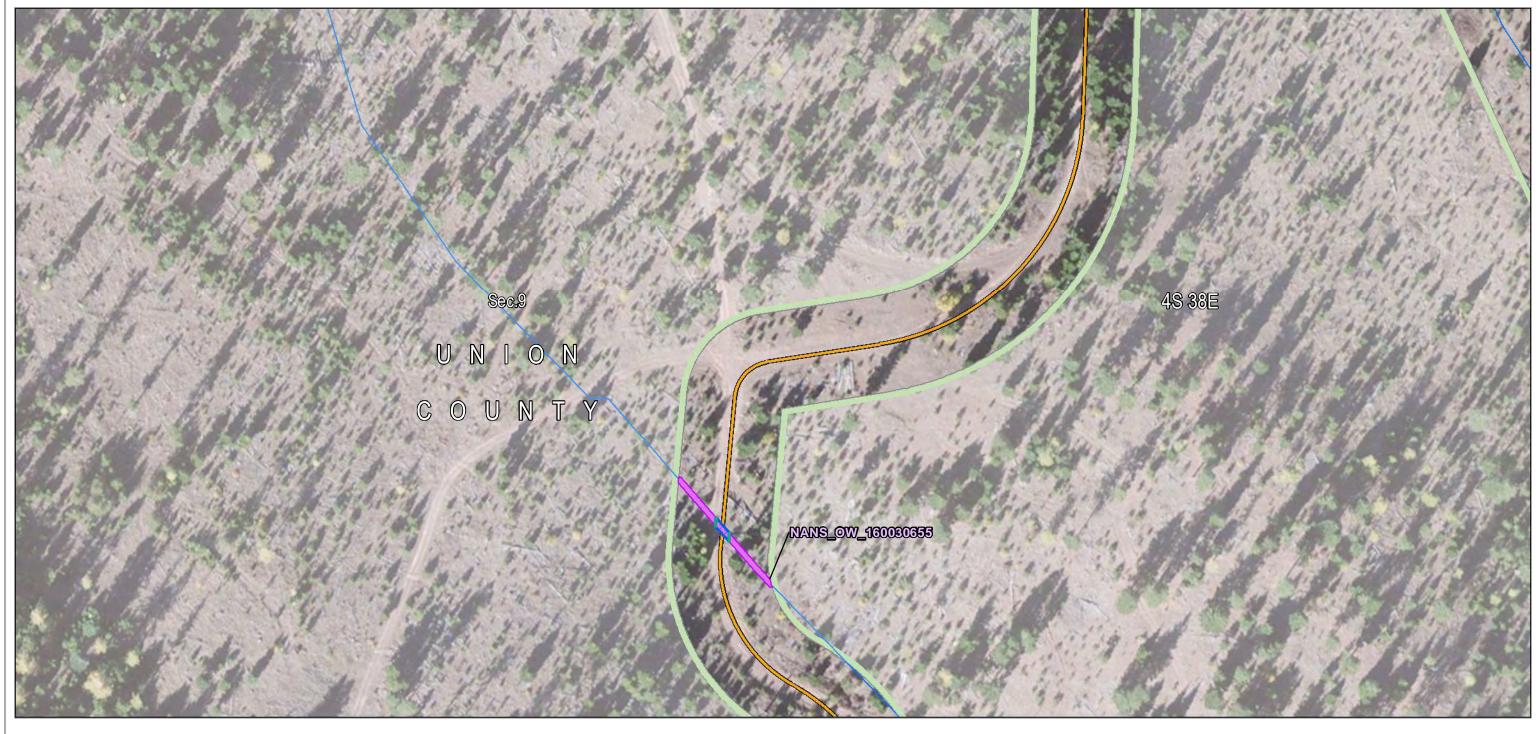
Temporary

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-164
Wetland and Other Waters
Joint Permit Application
Detail Maps
Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Site Boundary

Alternative Route
Construction Access

Existing Road, Substantial Modification, 21-70%

Rivers, Streams, and

Improvements

NANS Streams (NHD)

Other Waters

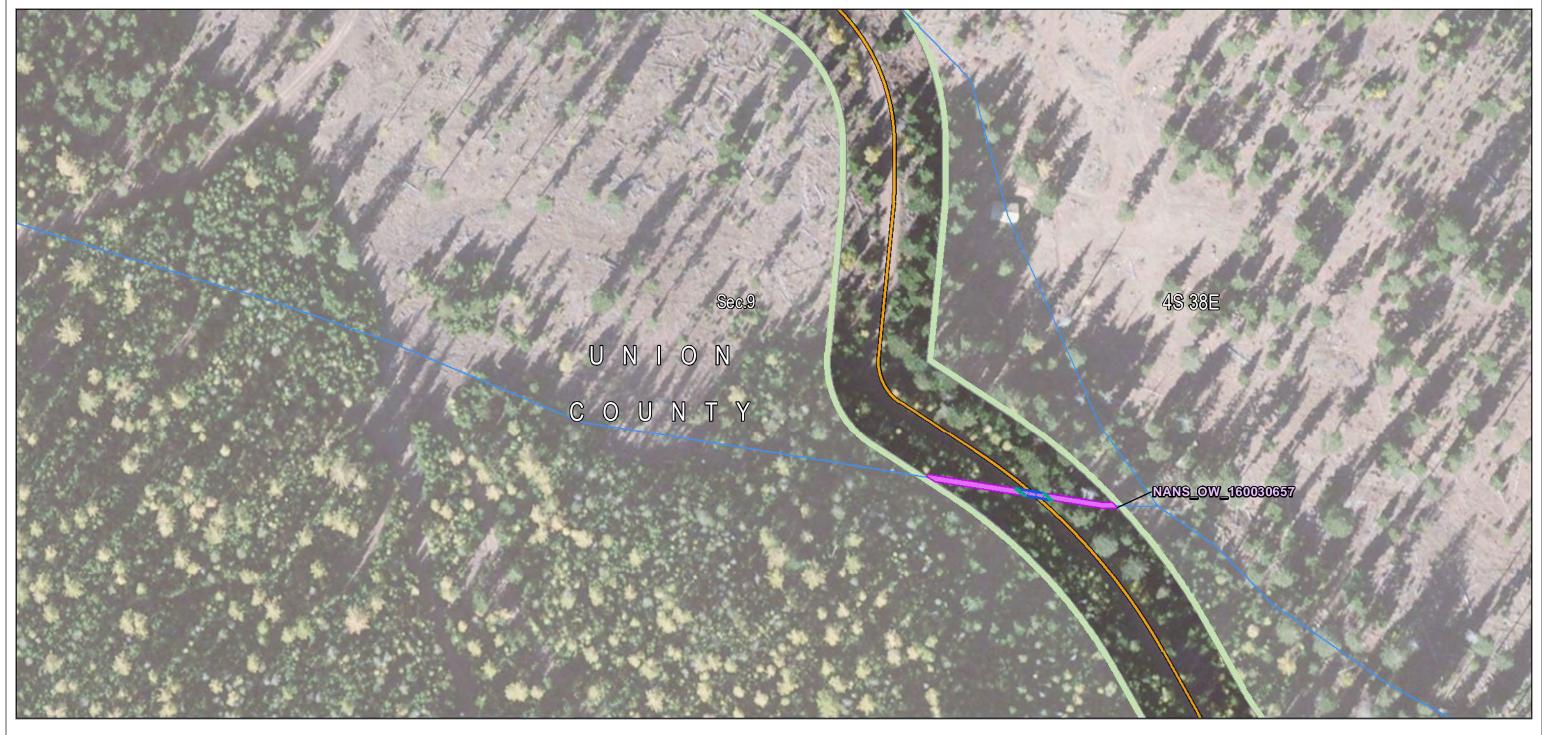
Stream Impact Type

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-165
Wetland and Other Waters
Joint Permit Application
Detail Maps
Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Site Boundary

Alternative Route

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Construction Access

Existing Road, Substantial
Modification, 21-70%
Improvements

Rivers, Streams, and Canals

Other Waters

NANS Streams (NHD)

Stream Impact Type

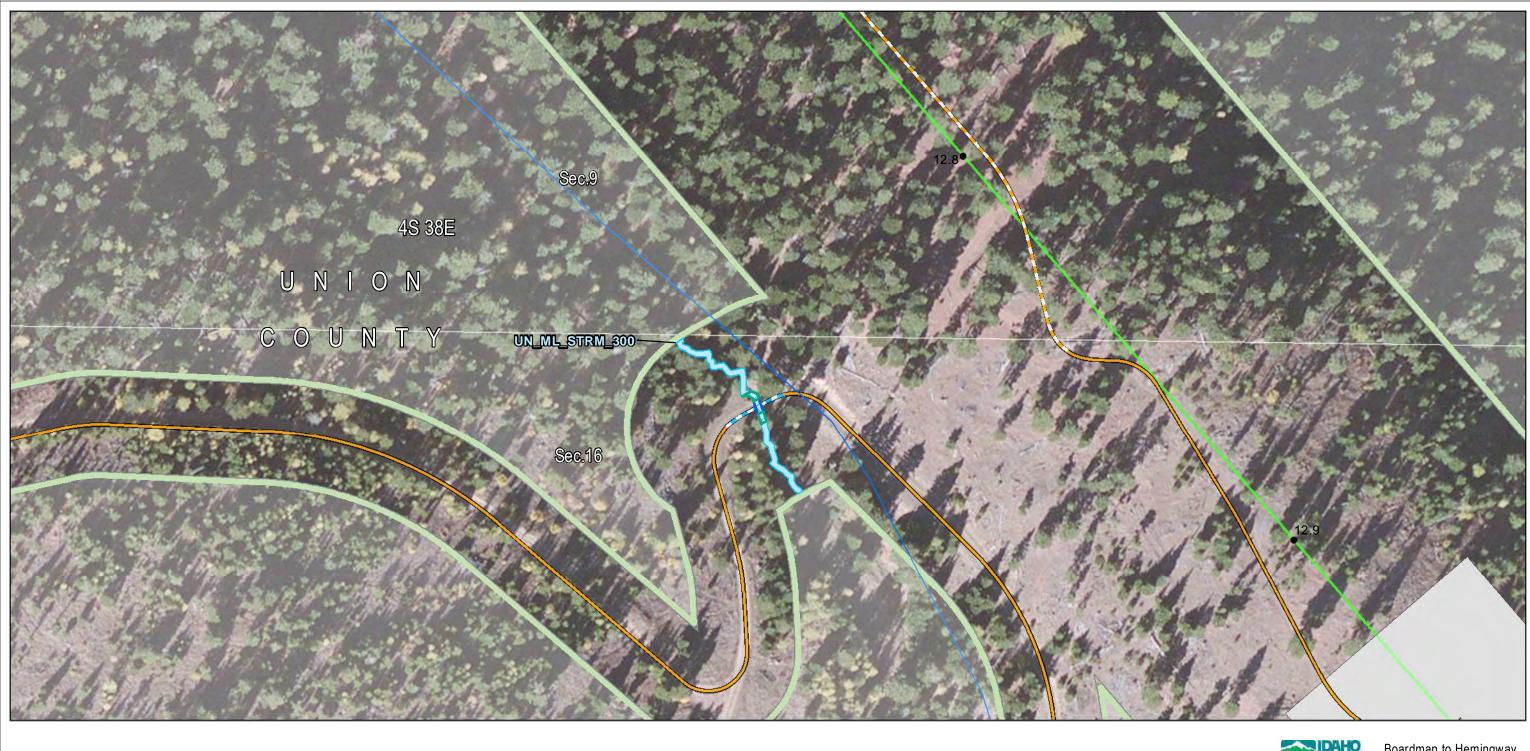
Temporary

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-166
Wetland and Other Waters
Joint Permit Application
Detail Maps
Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Site Boundary

Alternative Route Route Centerline

Alternative

Work Areas

Structure Work Area

Mileposts

 Tenth-mile Construction Access

Existing Road, Substantial Modification, 21-70% Improvements

New Road, Bladed

New Road, Primitive

Rivers, Streams, and Canals

Other Waters

Field Survey Streams

Stream Impact Type

Temporary

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-167 Wetland and Other Waters Joint Permit Application Detail Maps Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

Rivers, Streams, and Canals

Other Waters

NANS Streams (NHD)

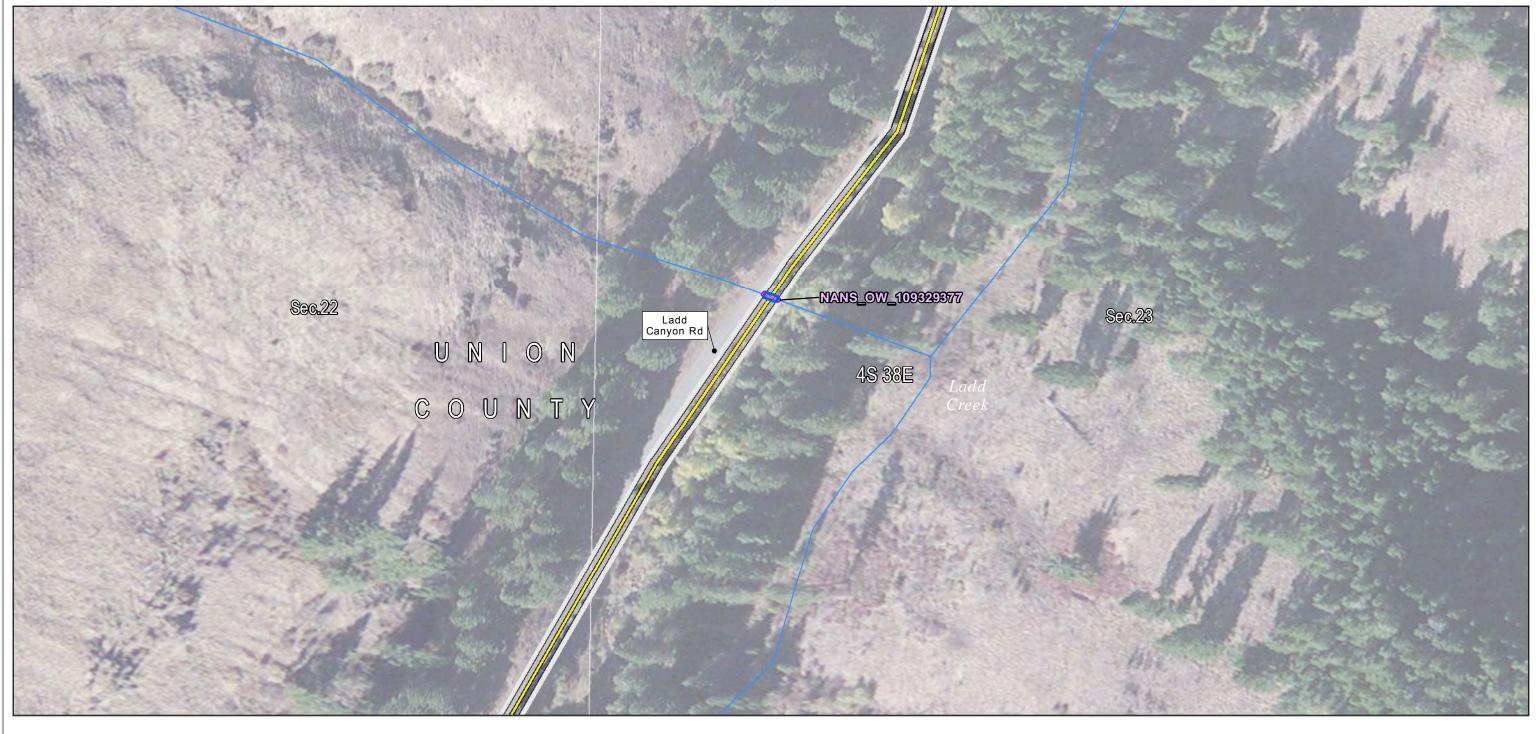
Stream Impact Type

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-168
Wetland and Other Waters
Joint Permit Application
Detail Maps
Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

Rivers, Streams, and Canals

Other Waters

NANS Streams (NHD)

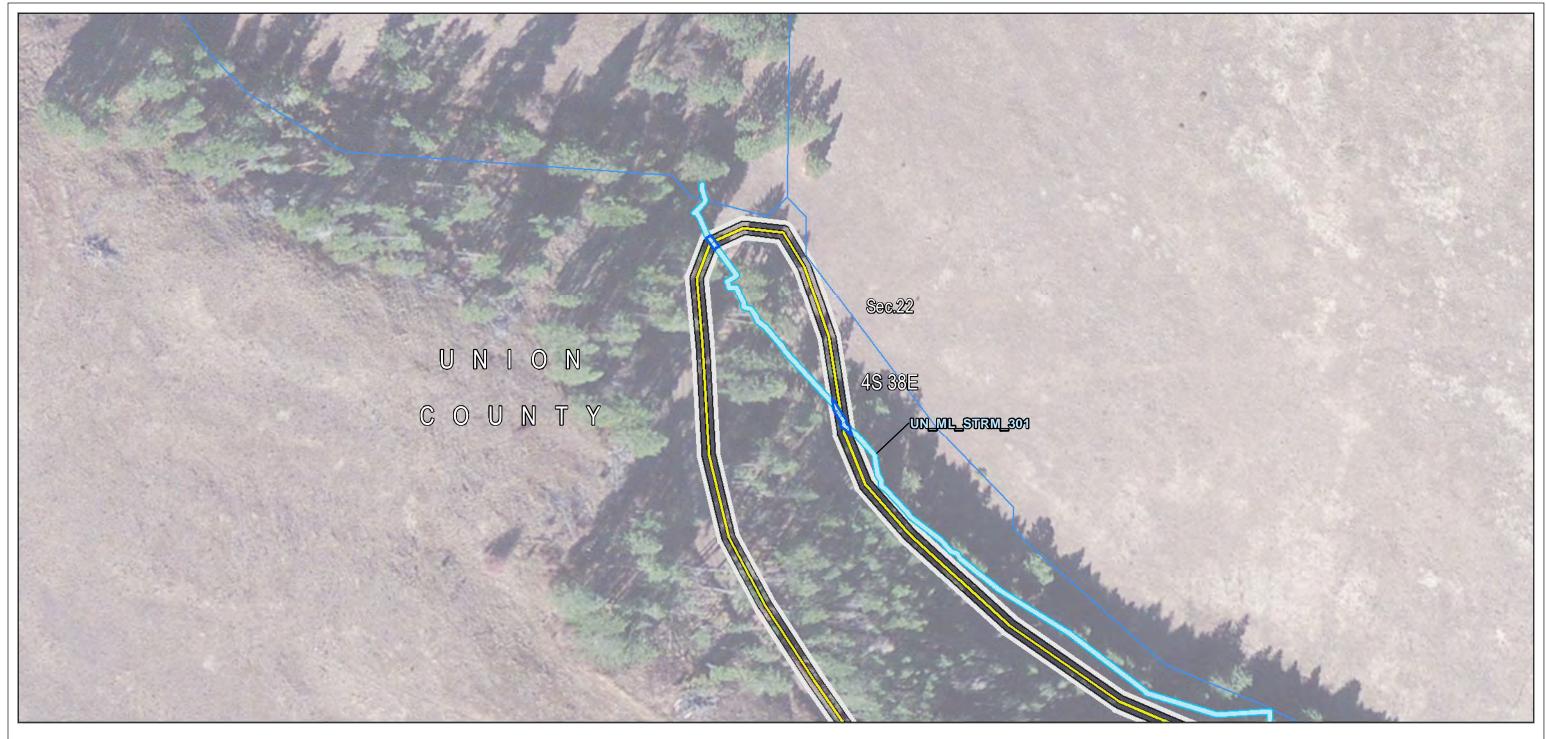
Stream Impact Type

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-169
Wetland and Other Waters
Joint Permit Application
Detail Maps
Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

Rivers, Streams, and Canals

Other Waters

Field Survey Streams

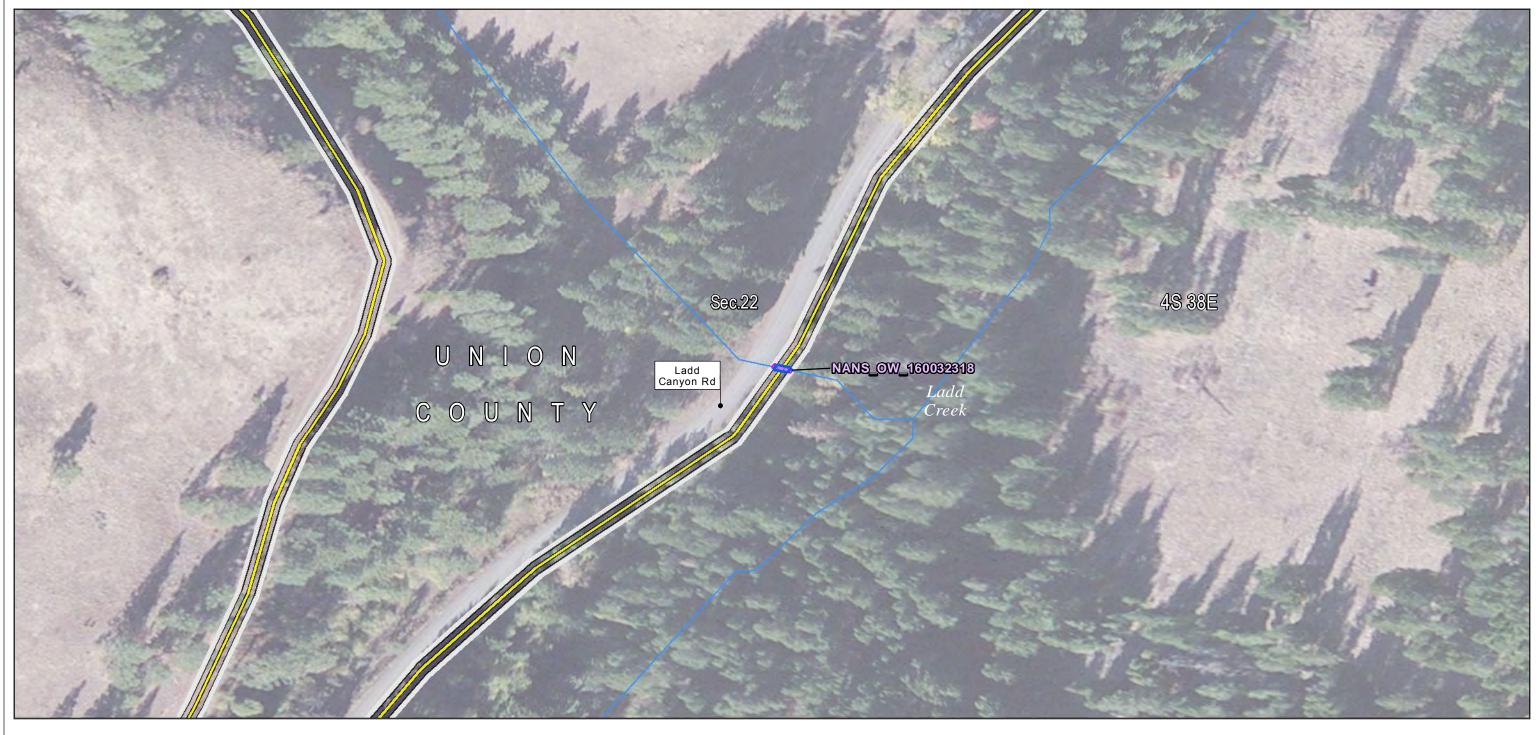
Stream Impact Type

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-170
Wetland and Other Waters
Joint Permit Application
Detail Maps
Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

Rivers, Streams, and Canals

Other Waters

NANS Streams (NHD)

Stream Impact Type

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-171
Wetland and Other Waters
Joint Permit Application
Detail Maps
Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016



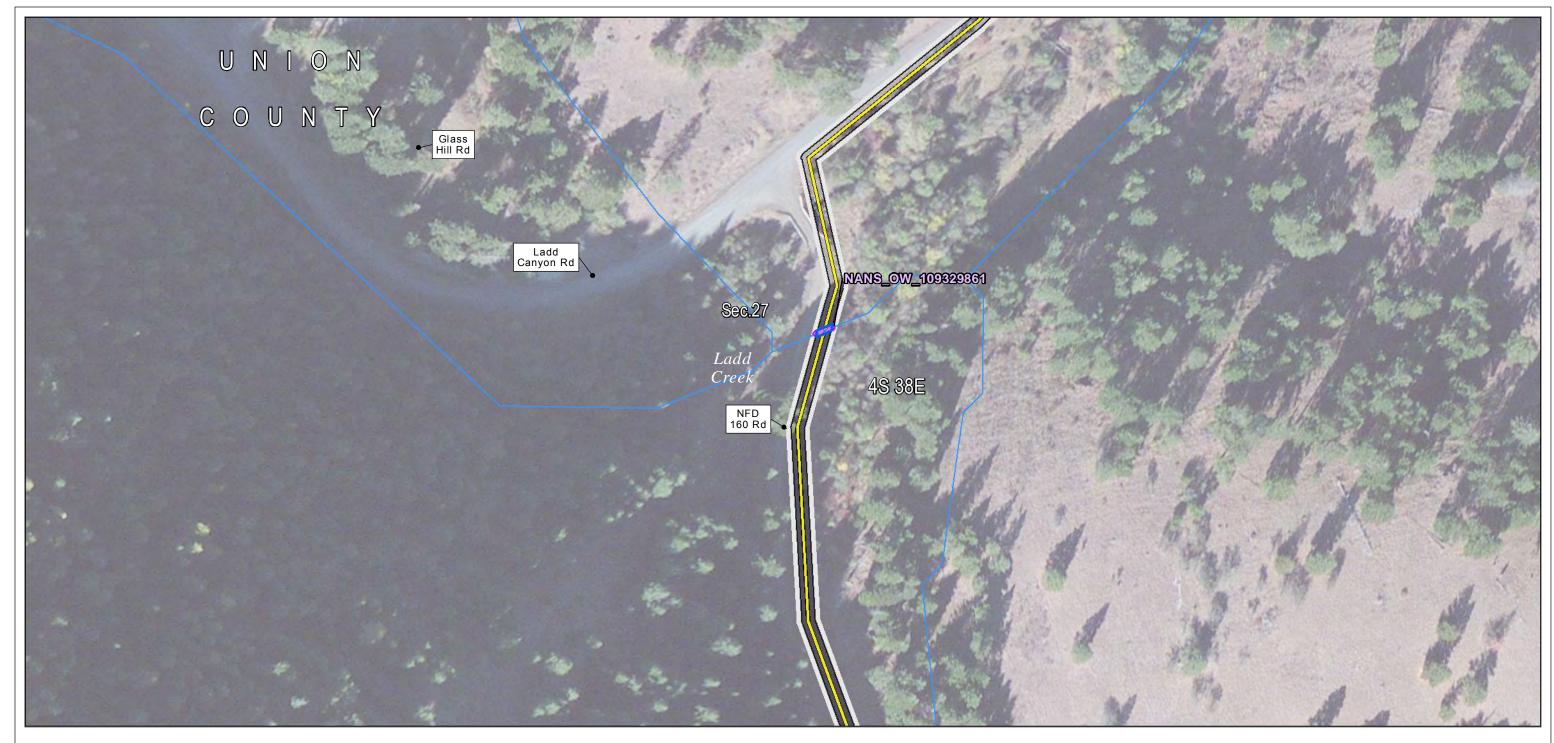
Pulling and Tensioning

Structure Work Area



Boardman to Hemingway Transmission Line Project

Attachment K-172 **Wetland and Other Waters Joint Permit Application** Detail Maps Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

Rivers, Streams, and Canals

Other Waters

NANS Streams (NHD)

Stream Impact Type

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-173
Wetland and Other Waters
Joint Permit Application
Detail Maps
Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

Rivers, Streams, and Canals

Other Waters

NANS Streams (NHD)

Stream Impact Type

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-174
Wetland and Other Waters
Joint Permit Application
Detail Maps
Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

Rivers, Streams, and Canals

Other Waters

NANS Streams (NHD)

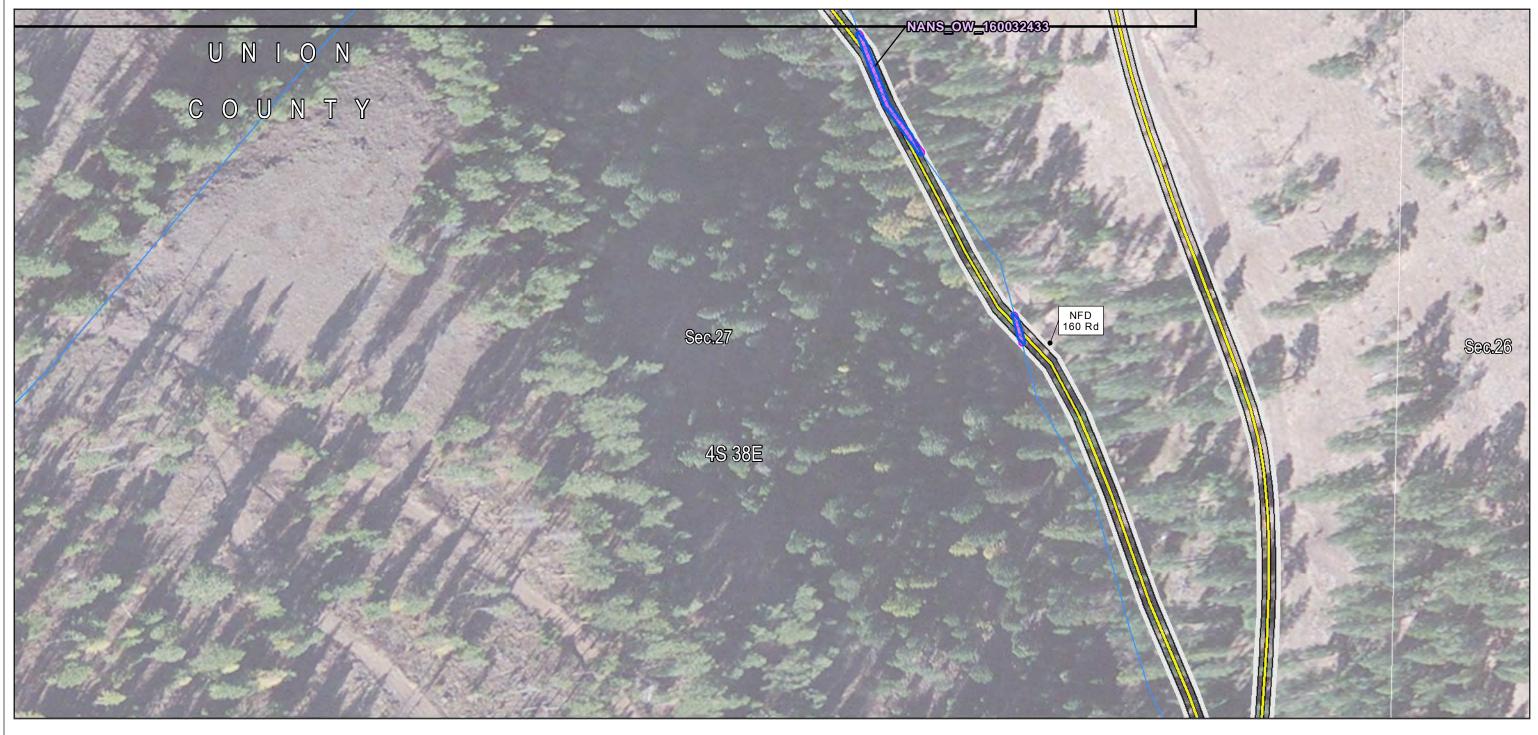
Stream Impact Type

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-175 Wetland and Other Waters Joint Permit Application Detail Maps Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

Rivers, Streams, and Canals

Other Waters

NANS Streams (NHD)

Stream Impact Type

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-176
Wetland and Other Waters
Joint Permit Application
Detail Maps
Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

Rivers, Streams, and Canals

Other Waters

Field Survey Streams

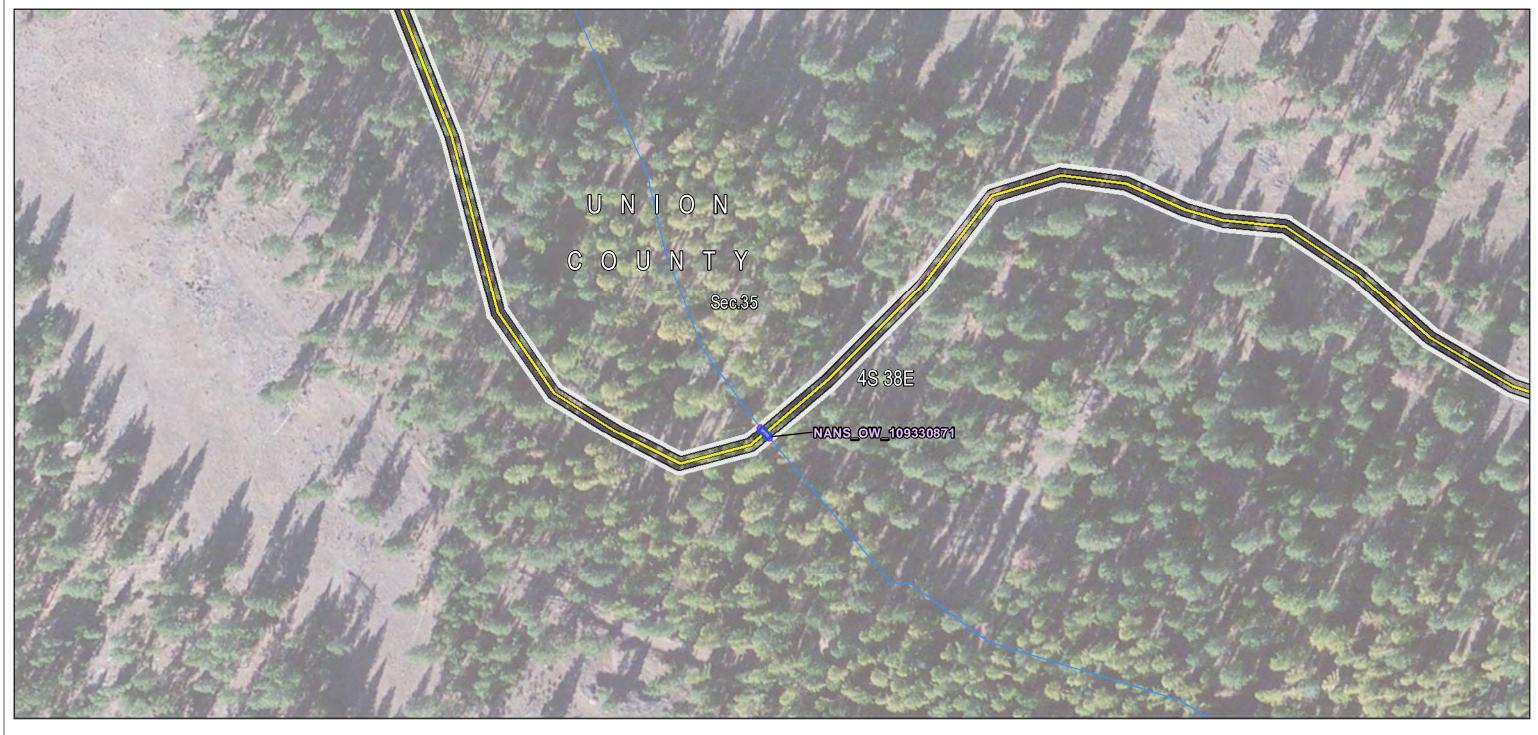
Stream Impact Type

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-177 Wetland and Other Waters Joint Permit Application Detail Maps Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

Rivers, Streams, and Canals

Other Waters

NANS Streams (NHD)

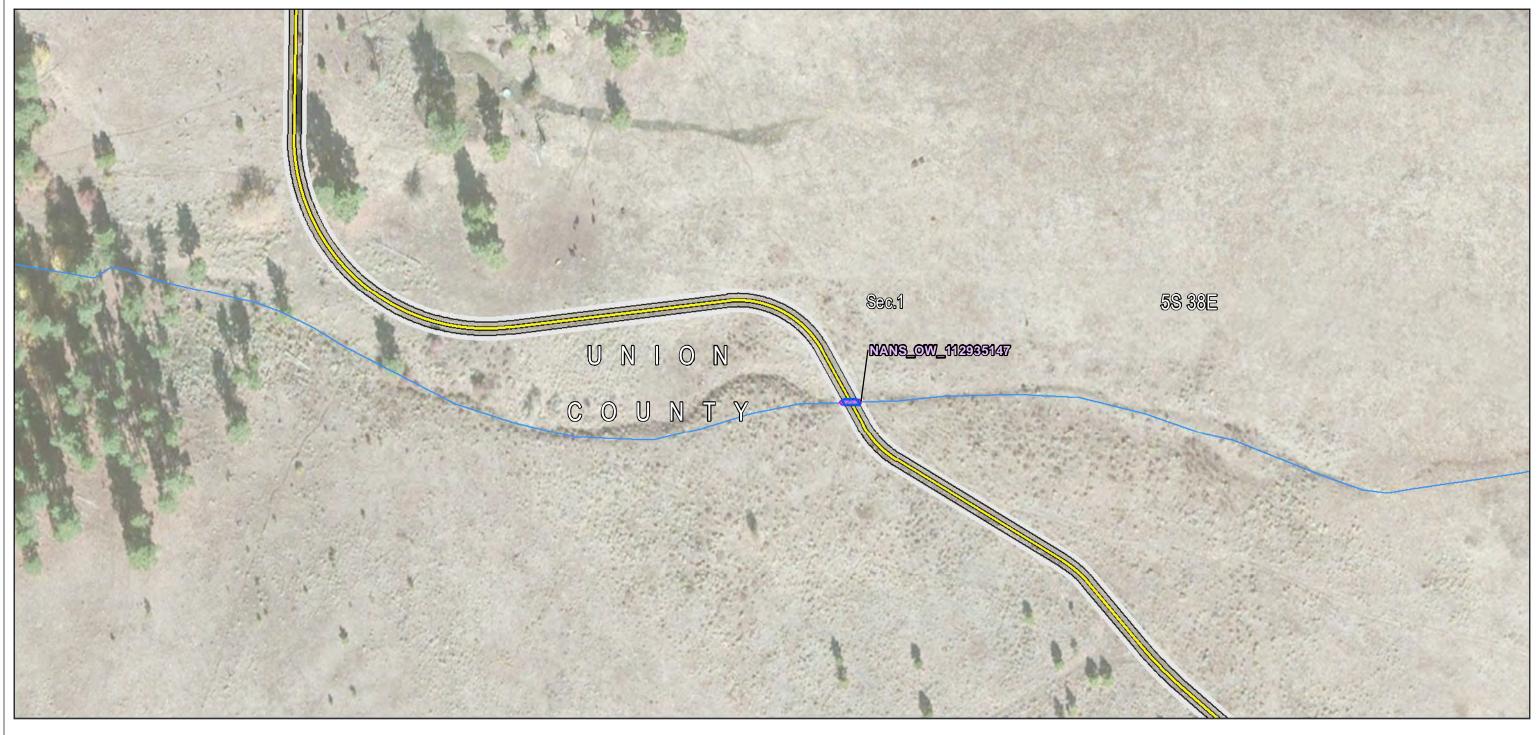
Stream Impact Type

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-178
Wetland and Other Waters
Joint Permit Application
Detail Maps
Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

Rivers, Streams, and Canals

Other Waters

NANS Streams (NHD)

Stream Impact Type

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-179
Wetland and Other Waters
Joint Permit Application
Detail Maps
Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Site Boundary

Proposed Route

Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

Rivers, Streams, and

Other Waters

NANS Streams (NHD)

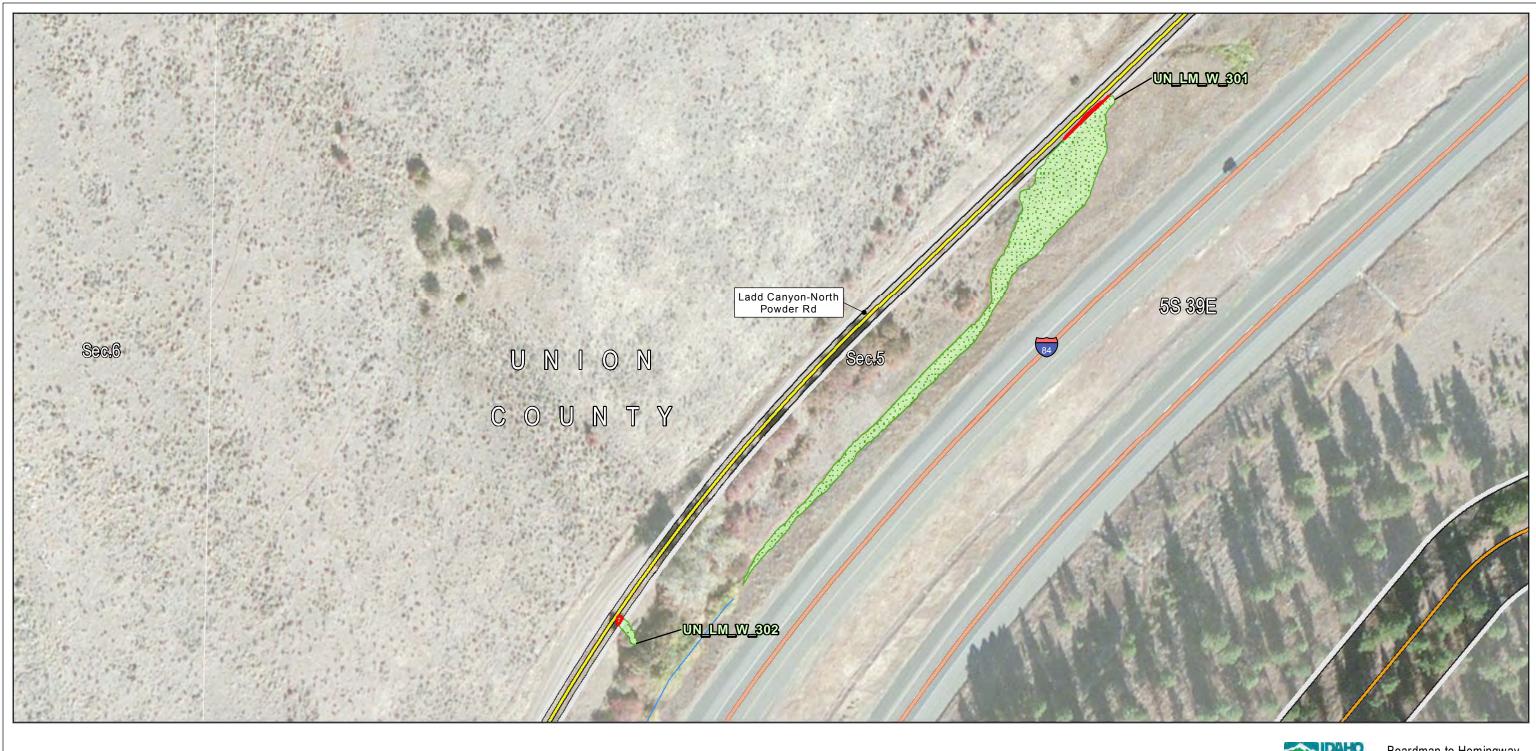
Stream Impact Type

Permanent

POWER.

Boardman to Hemingway Transmission Line Project

Attachment K-180
Wetland and Other Waters
Joint Permit Application
Detail Maps
Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016



Proposed Route

Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

Existing Road, Substantial
Modification, 21-70% Improvements

Transportation

Interstates or Highways

Rivers, Streams, and Canals

Field Survey Wetland

Wetland Impact Type

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-181 Wetland and Other Waters Joint Permit Application Detail Maps Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

Transportation

Interstates or Highways

Rivers, Streams, and Canals

Wetland

NANS Wetland (NWI)

Wetland Impact Type

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-182
Wetland and Other Waters
Joint Permit Application
Detail Maps
Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

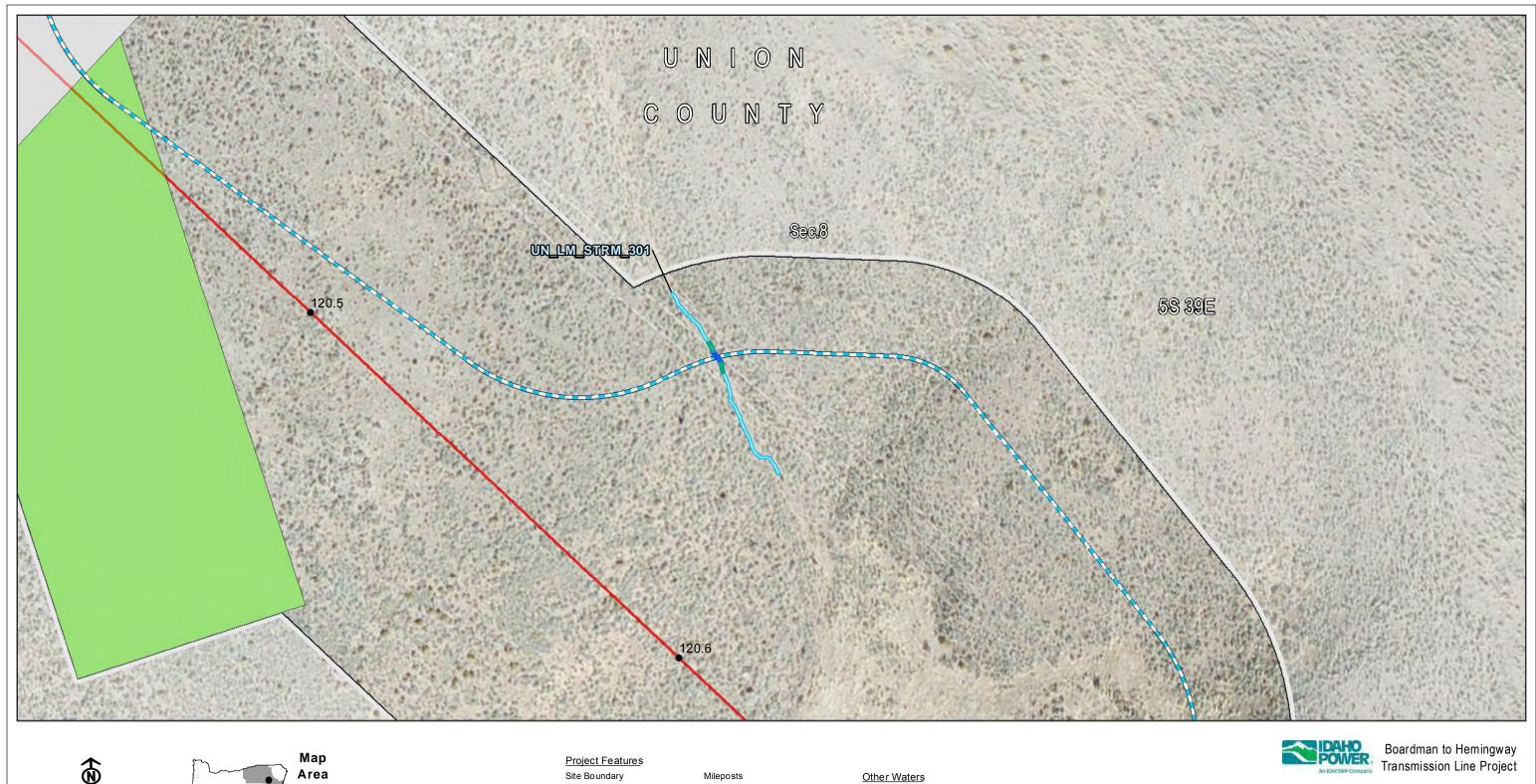
December 2016





Transmission Line Project

Attachment K-183 Wetland and Other Waters Joint Permit Application Detail Maps Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Proposed Route Tenth-mile Field Survey Streams Route Centerline Construction Access Stream Impact Type Proposed Route New Road, Bladed

Rivers, Streams, and Canals

Work Areas

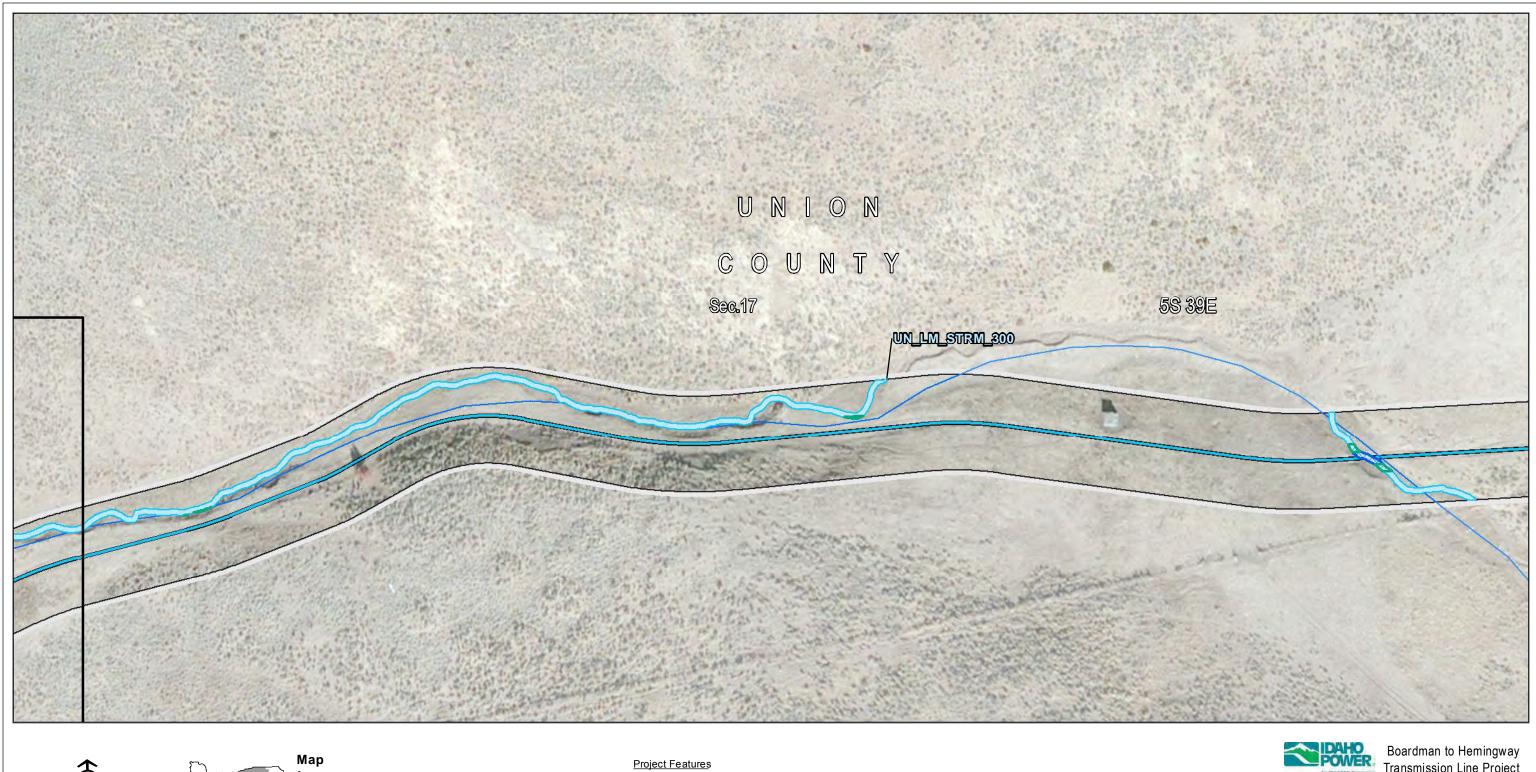
Pulling and Tensioning

Structure Work Area

Temporary

Permanent

Attachment K-184 Wetland and Other Waters Joint Permit Application Detail Maps Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Site Boundary

Proposed Route

Construction Access Existing Road, Substantial
Modification, 71-100%

Improvements Rivers, Streams, and Other Waters

Field Survey Streams

Stream Impact Type

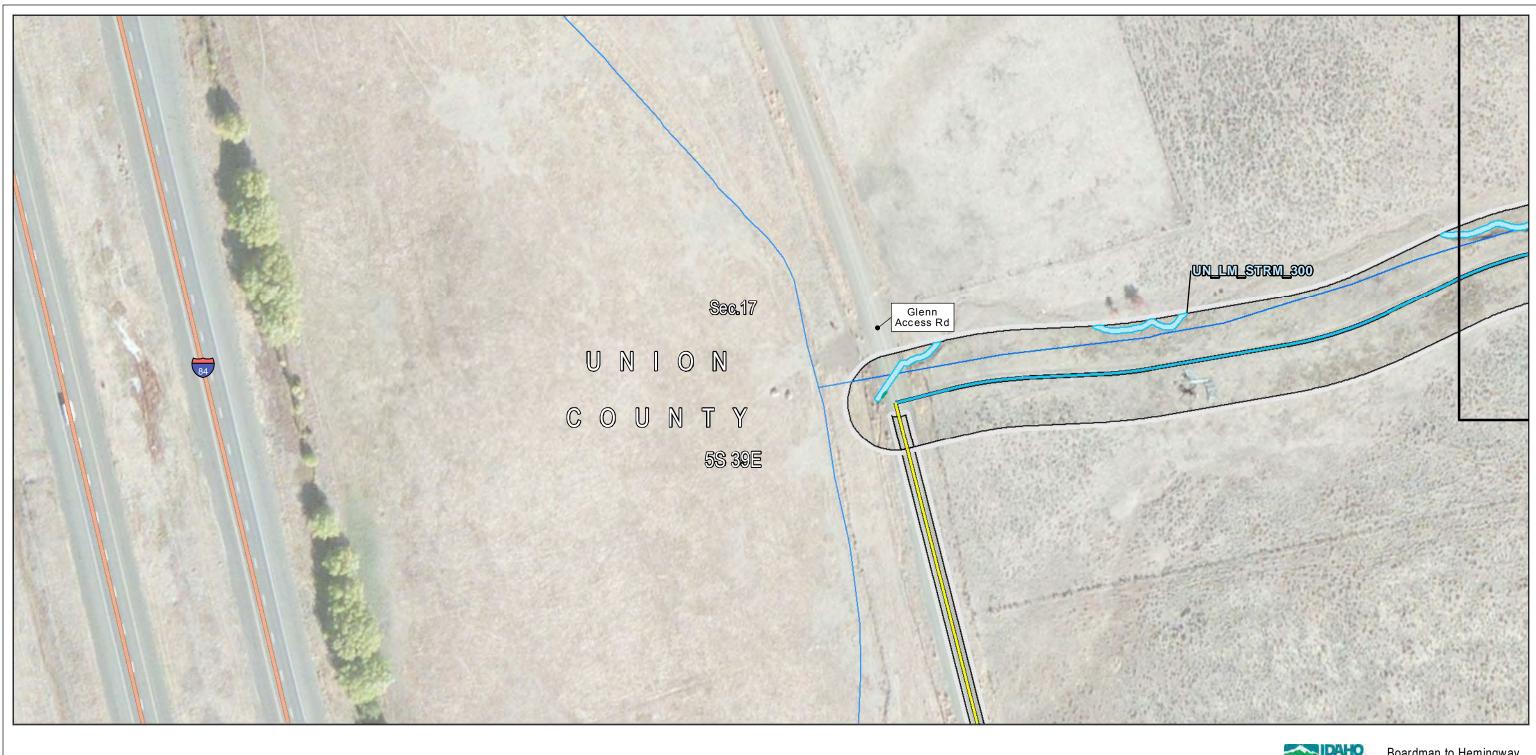
Temporary

Permanent



Transmission Line Project

Attachment K-185 **Wetland and Other Waters** Joint Permit Application Detail Maps Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Site Boundary

Proposed Route
Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

Existing Road, Substantial
Modification, 71-100%
Improvements

Transportation

Interstates or Highways

Rivers, Streams, and Canals

Other Waters

Field Survey Streams

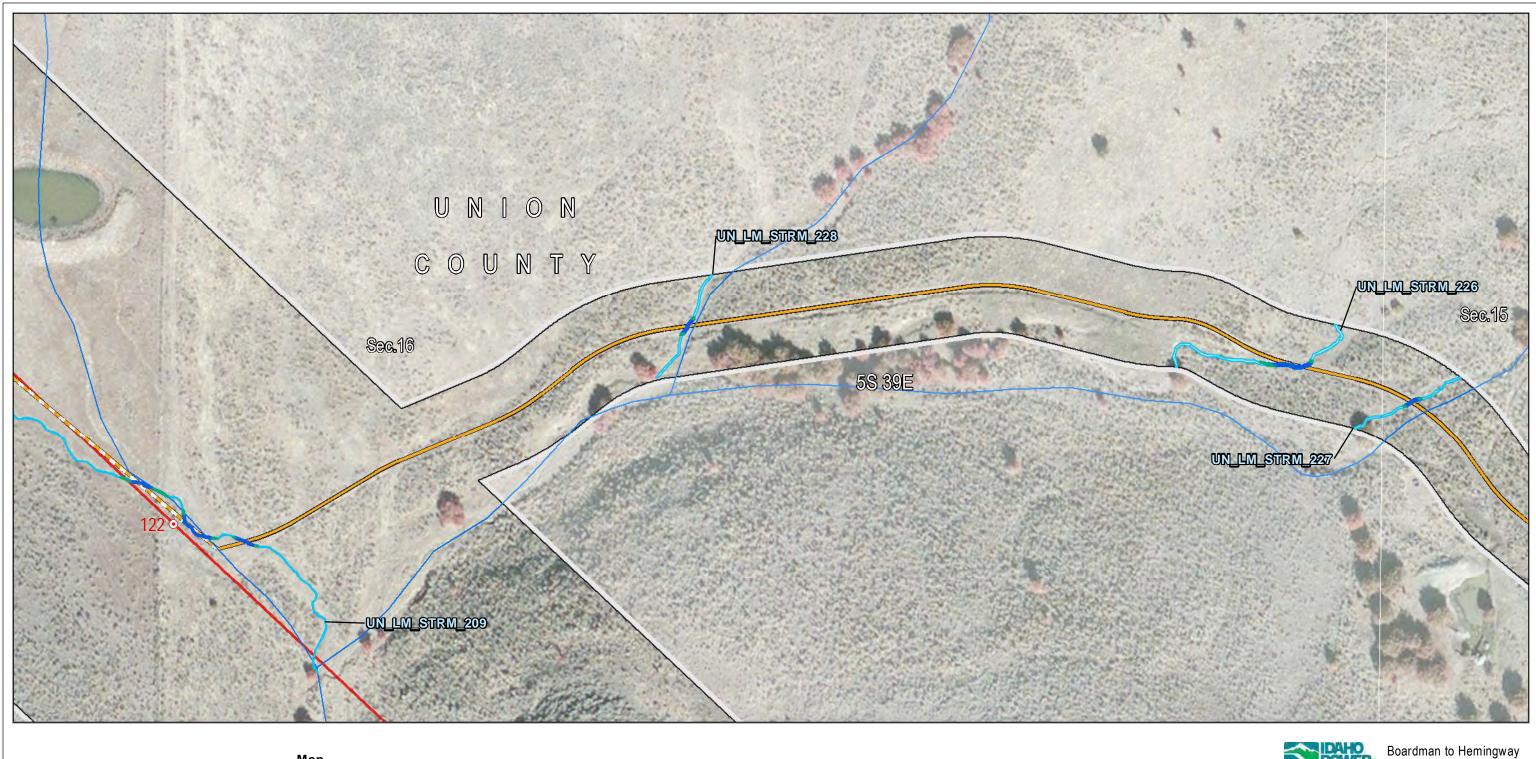
Stream Impact Type

Temporary



Boardman to Hemingway Transmission Line Project

Attachment K-186
Wetland and Other Waters
Joint Permit Application
Detail Maps
Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Site Boundary

Proposed Route Route Centerline

--- Proposed Route Mileposts

Mile

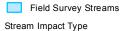
Construction Access

Existing Road, Substantial Modification, 21-70% Improvements

New Road, Primitive

Rivers, Streams, and

Other Waters



Temporary

Permanent



Transmission Line Project

Attachment K-187 Wetland and Other Waters Joint Permit Application Detail Maps Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Site Boundary

Proposed Route

Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

Rivers, Streams, and Canals

Other Waters

NANS Streams (NHD)

Stream Impact Type

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-188
Wetland and Other Waters
Joint Permit Application
Detail Maps
Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Site Boundary

Proposed Route

Construction Access

Existing Road, Substantial
Modification, 21-70%
Improvements

Rivers, Streams, and

Wetland

NANS Wetland (NWI)

Wetland Impact Type

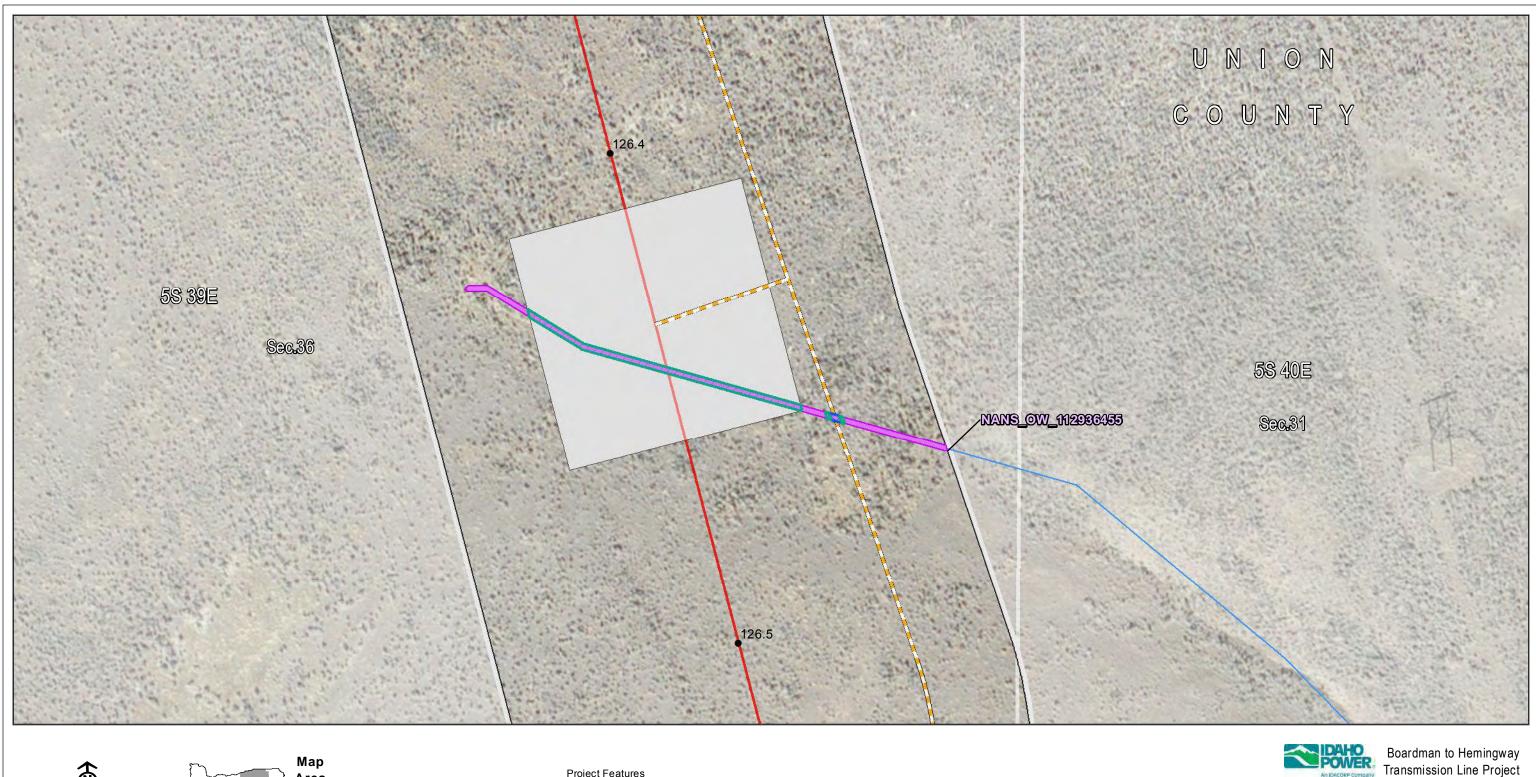
Temporary

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-189
Wetland and Other Waters
Joint Permit Application
Detail Maps
Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016



Attachment K-190 **Wetland and Other Waters** Joint Permit Application Detail Maps Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features Site Boundary

Proposed Route Route Centerline

- Proposed Route Work Areas

Structure Work Area

Mileposts

Tenth-mile Construction Access

New Road, Primitive Transportation

Other Major Roads

Rivers, Streams, and Canals

Other Waters

NANS Streams (NHD) Stream Impact Type

Temporary

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-191 Wetland and Other Waters Joint Permit Application Detail Maps Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

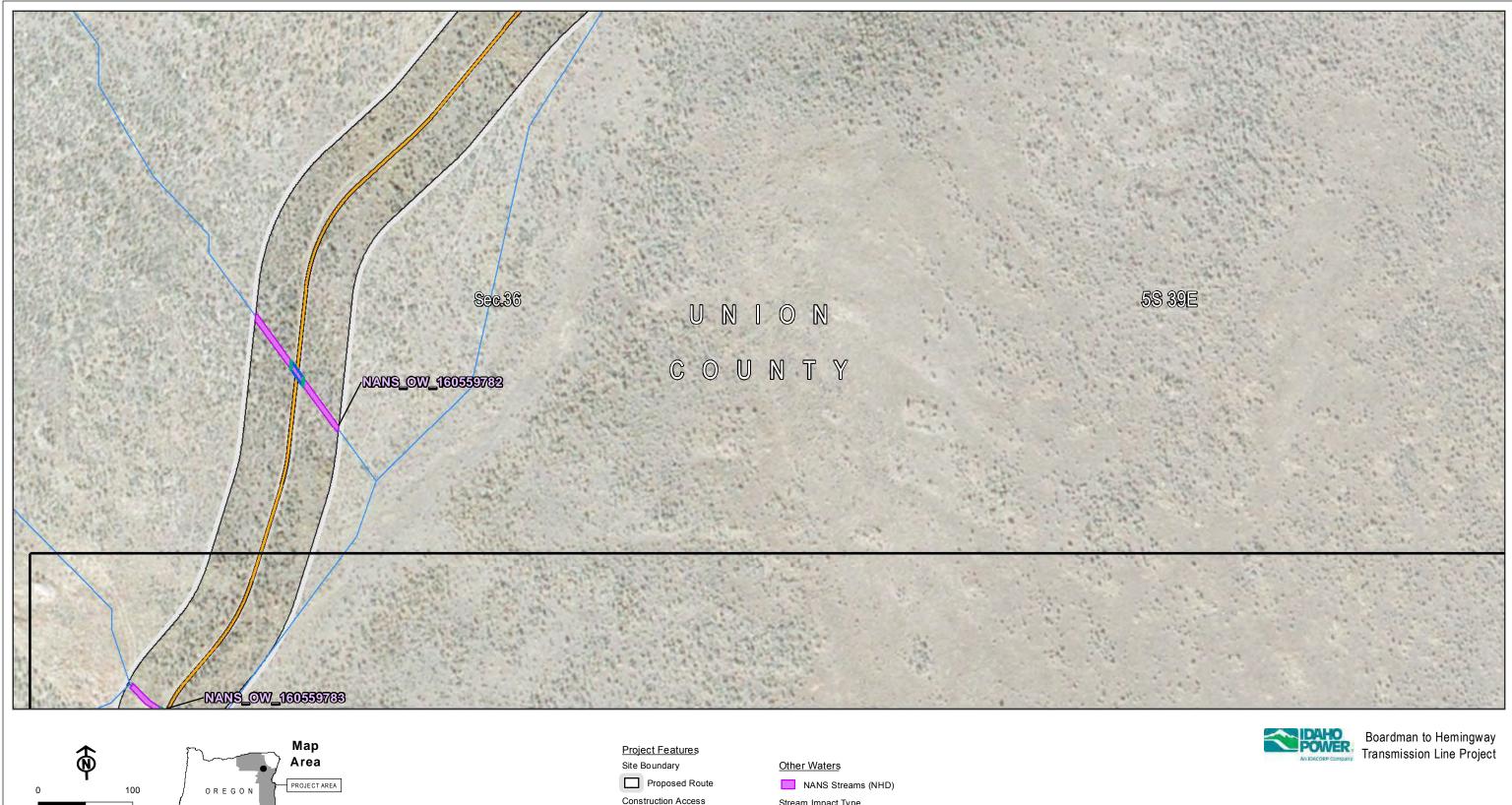
December 2016



Rivers, Streams, and

Transmission Line Project

Attachment K-192 **Wetland and Other Waters** Joint Permit Application Detail Maps Union County



Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Existing Road, Substantial Modification, 21-70% Improvements

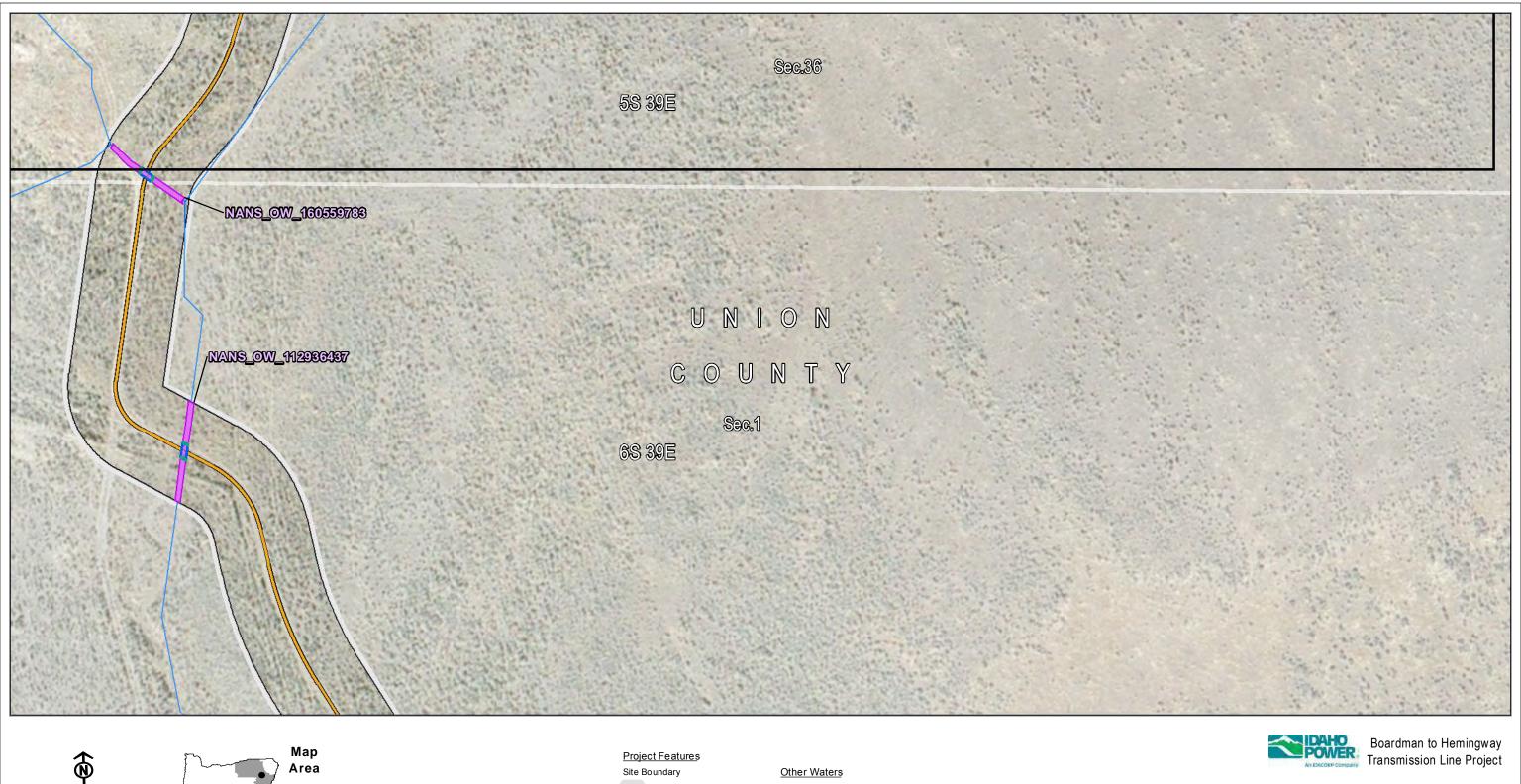
Rivers, Streams, and

Stream Impact Type

Temporary

Permanent

Attachment K-193 **Wetland and Other Waters** Joint Permit Application Detail Maps Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Proposed Route

Construction Access

Existing Road, Substantial
Modification, 21-70%

Improvements

Rivers, Streams, and
Canals

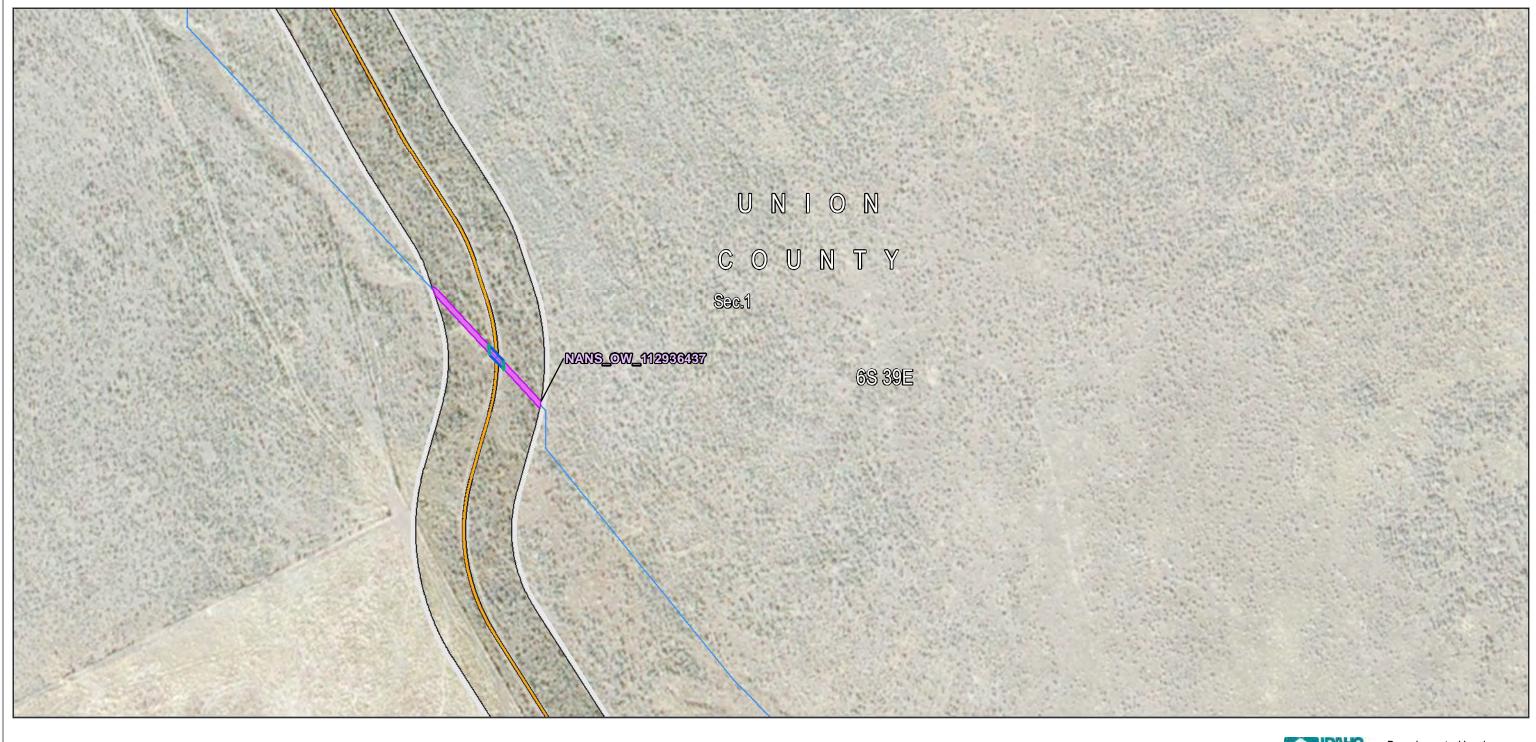
NANS Streams (NHD)

Stream Impact Type

Temporary

Permanent

Attachment K-194
Wetland and Other Waters
Joint Permit Application
Detail Maps
Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Site Boundary

Proposed Route

Construction Access

Existing Road, Substantial
Modification, 21-70%
Improvements

Rivers, Streams, and

Other Waters

NANS Streams (NHD)

Stream Impact Type

Temporary

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-195
Wetland and Other Waters
Joint Permit Application
Detail Maps
Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

<u>Project Features</u> Site Boundary

Proposed Route

Proposed Rout

Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

Existing Road, Substantial
Modification, 21-70%
Improvements

Transportation

Other Major Roads

Rivers, Streams, and Canals

Other Waters

NANS Streams (NHD)

Stream Impact Type

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-196
Wetland and Other Waters
Joint Permit Application
Detail Maps
Union County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016



Route Centerline

Proposed Route

Work Areas

Structure Work Area

Mileposts

Tenth-mile

Construction Access

Existing Road, Substantial

Modification, 21-70%

New Road, Primitive

Rivers, Streams, and Canals

Other Waters

NANS Streams (NHD)

Stream Impact Type

Temporary

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-197
Wetland and Other Waters
Joint Permit Application
Detail Maps
Union County





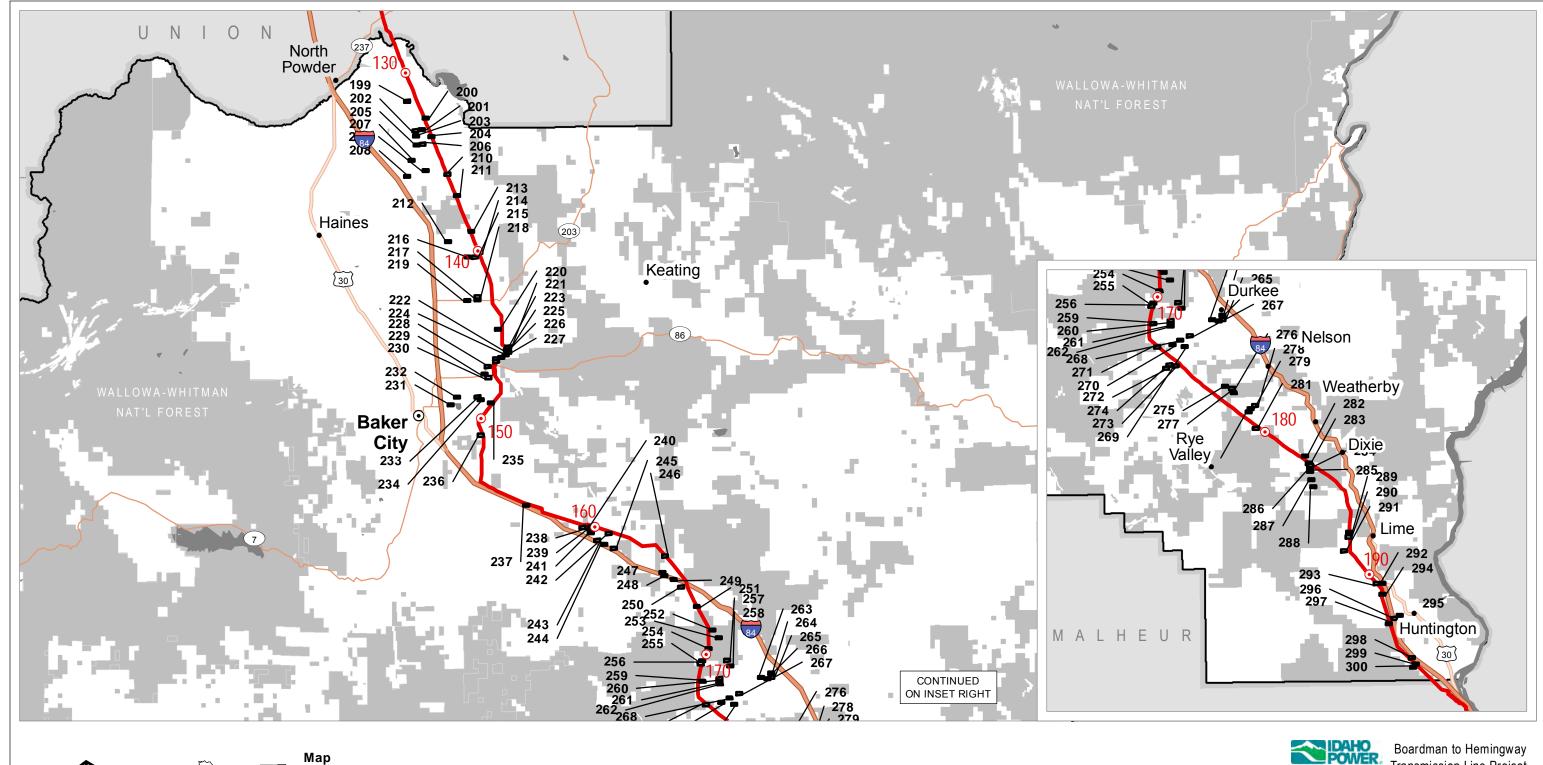
Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016



Transmission Line Project

Attachment K-198 Wetland and Other Waters Joint Permit Application Detail Maps Union County





Area PROJECT AREA OREGON

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

Project Features Map Index Proposed Route Ten Mile Marker

Map Tile (Map#)

Appendix K Joint Permit Application Location Map

Baker County

Map Index





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

Rivers, Streams, and Canals

Other Waters

NANS Streams (NHD)

Stream Impact Type

Permanent

Wetland

NANS Wetland (NWI)

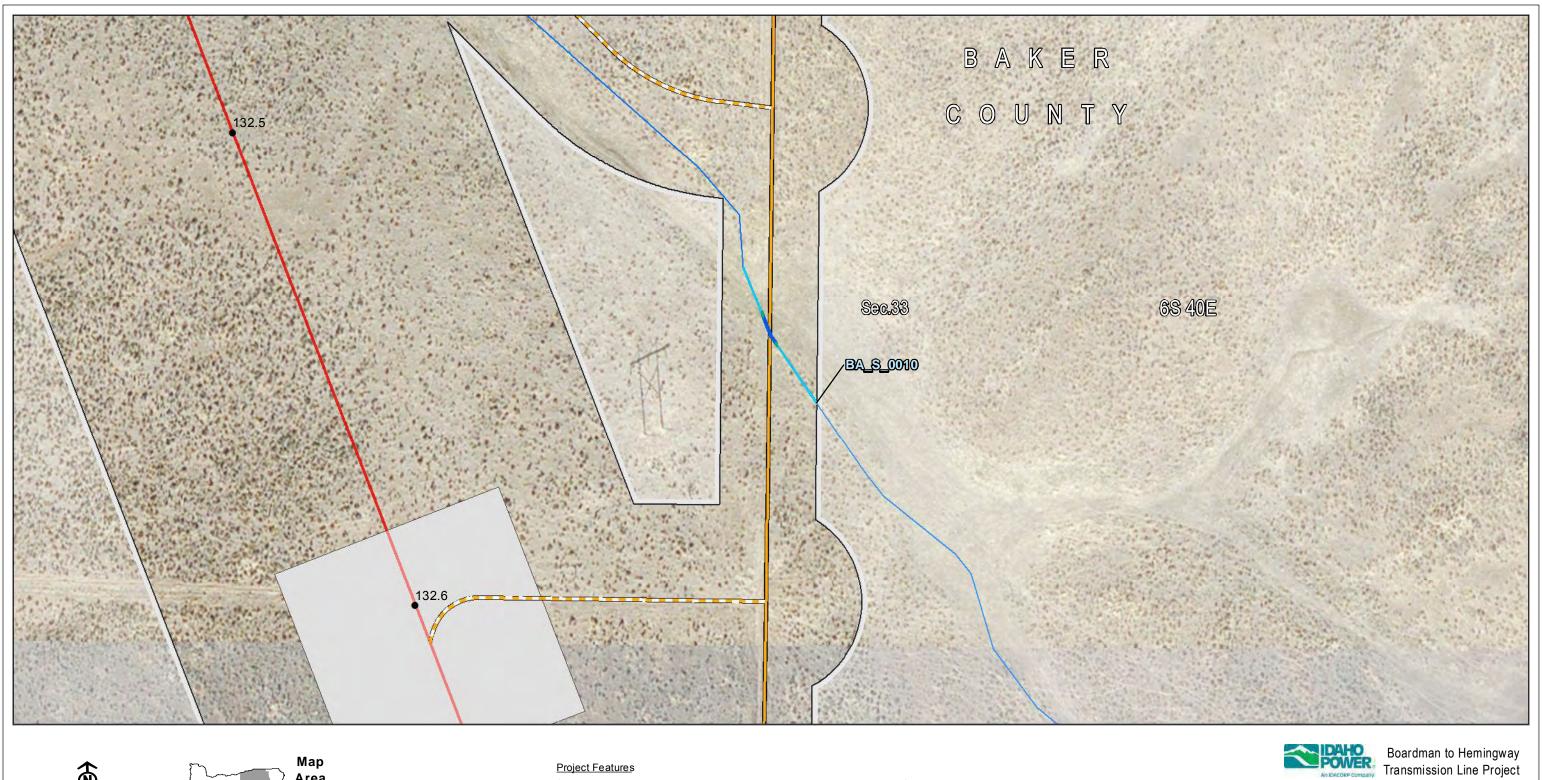
Wetland Impact Type

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-199
Wetland and Other Waters
Joint Permit Application
Detail Maps
Baker County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016



Attachment K-200
Wetland and Other Waters
Joint Permit Application
Detail Maps
Baker County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

Rivers, Streams, and Canals

Other Waters

NANS Streams (NHD)

Stream Impact Type

Permanent

Wetland

NANS Wetland (NWI)

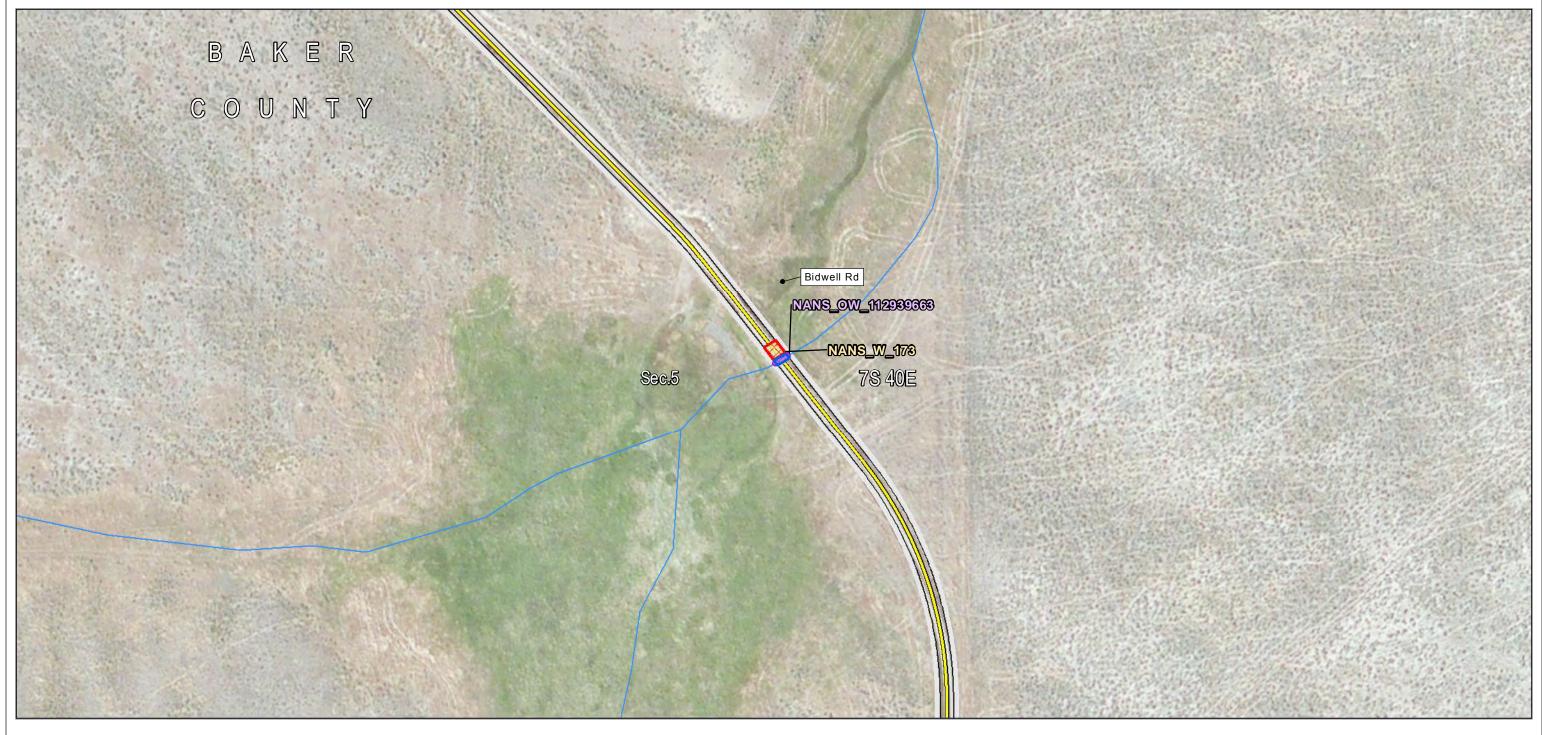
Wetland Impact Type

Permanent



Boardman to Hemingway
Transmission Line Project

Attachment K-201
Wetland and Other Waters
Joint Permit Application
Detail Maps
Baker County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

Rivers, Streams, and Canals

Other Waters

NANS Streams (NHD)

Stream Impact Type

Permanent

Wetland

NANS Wetland (NWI)

Wetland Impact Type

Permanent



Boardman to Hemingway Transmission Line Project

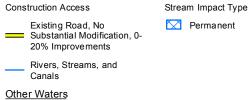
Attachment K-202
Wetland and Other Waters
Joint Permit Application
Detail Maps
Baker County





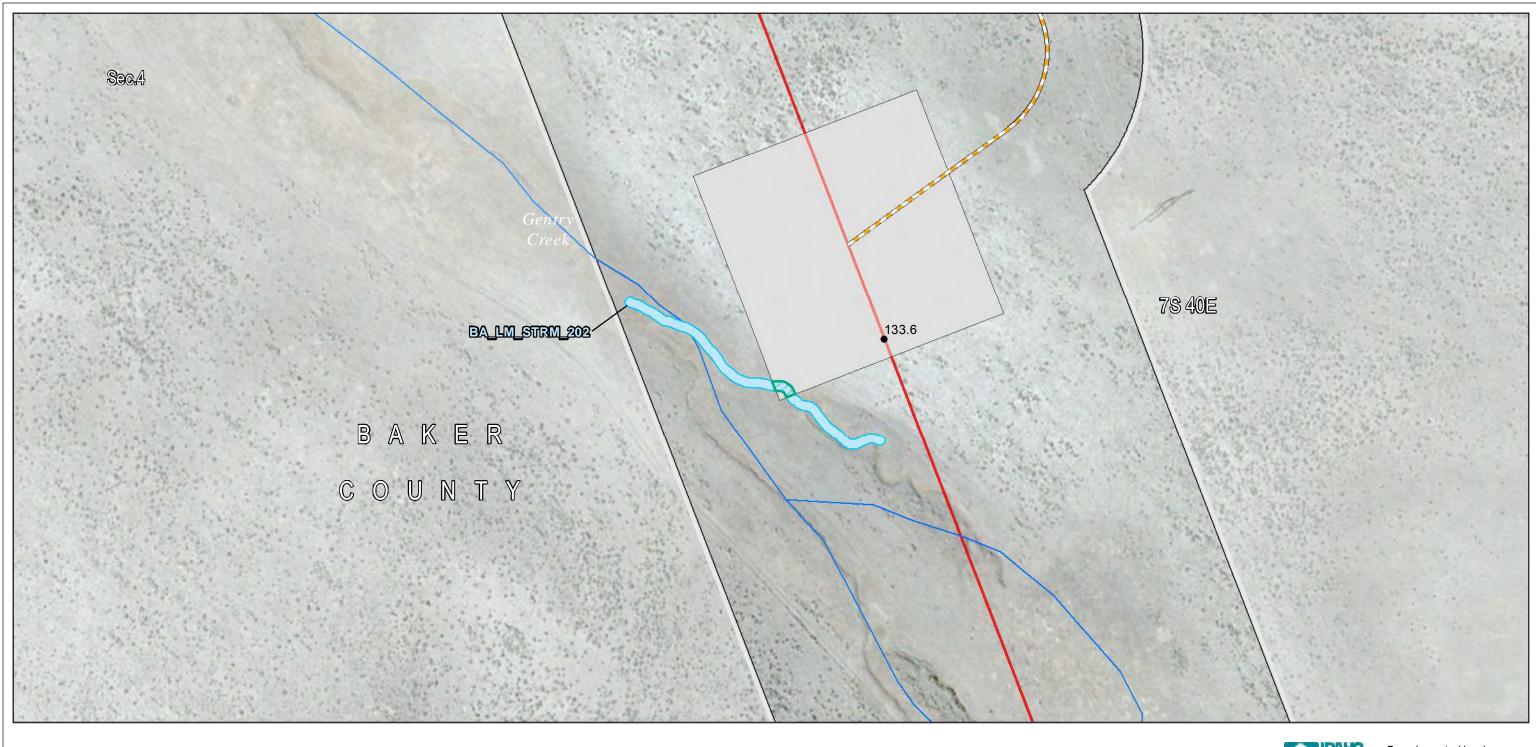
Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016



NANS Streams (NHD)

Attachment K-203
Wetland and Other Waters
Joint Permit Application
Detail Maps
Baker County





Мар

Area

PROJECT AREA

Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Site Boundary

Proposed Route
Route Centerline

Proposed Route

Work Areas

Structure Work Area

Mileposts

Tenth-mile

Construction Access

New Road, Primitive

Rivers, Streams, and Canals

Other Waters

Field Survey Streams

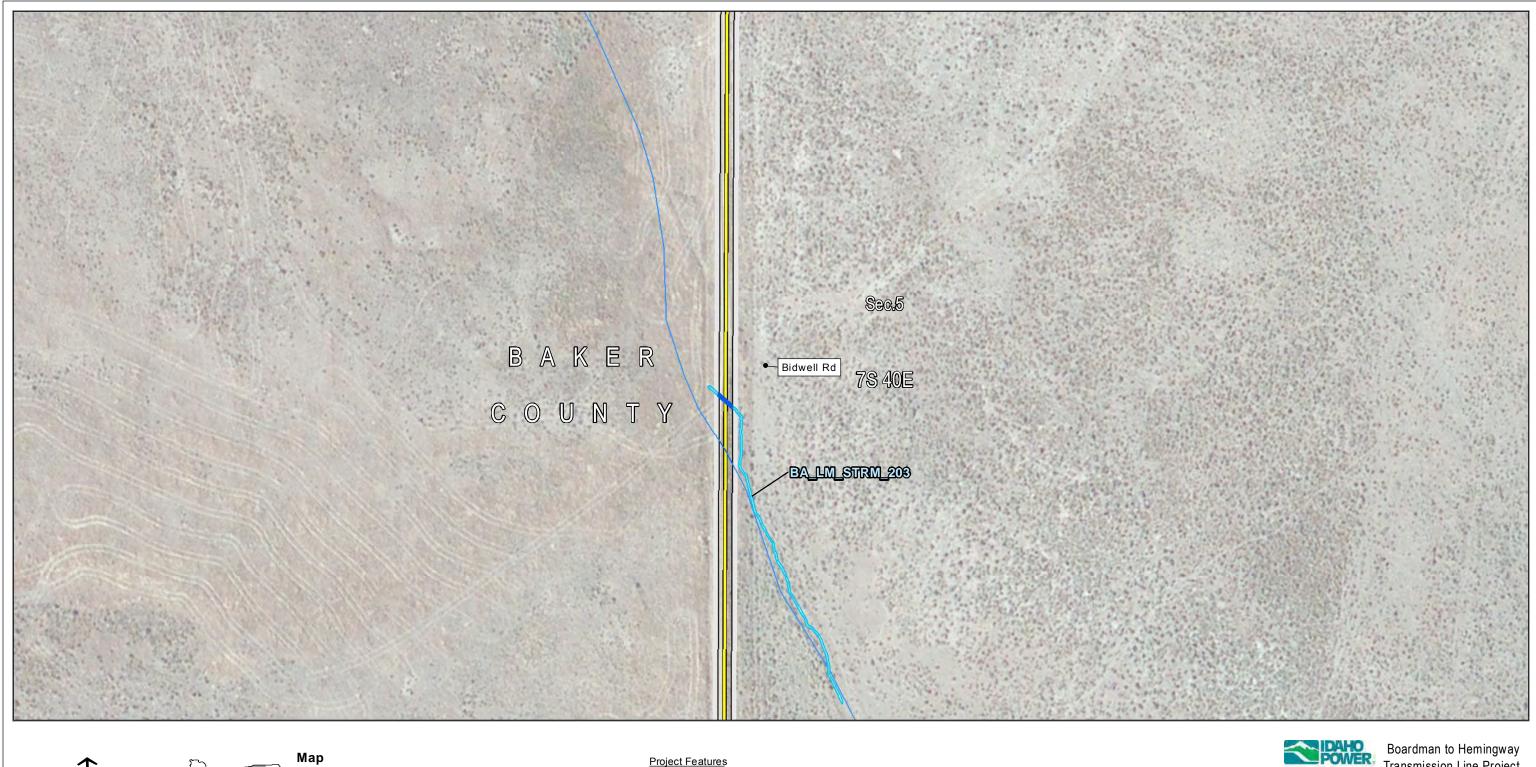
Stream Impact Type

Temporary



Boardman to Hemingway Transmission Line Project

Attachment K-204
Wetland and Other Waters
Joint Permit Application
Detail Maps
Baker County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Construction Access

Existing Road, No
Substantial Modification, 0-20% Improvements

Rivers, Streams, and Canals

Other Waters

Field Survey Streams

Stream Impact Type

Permanent



Transmission Line Project

Attachment K-205 **Wetland and Other Waters** Joint Permit Application Detail Maps Baker County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

Rivers, Streams, and Canals

Other Waters

Field Survey Streams

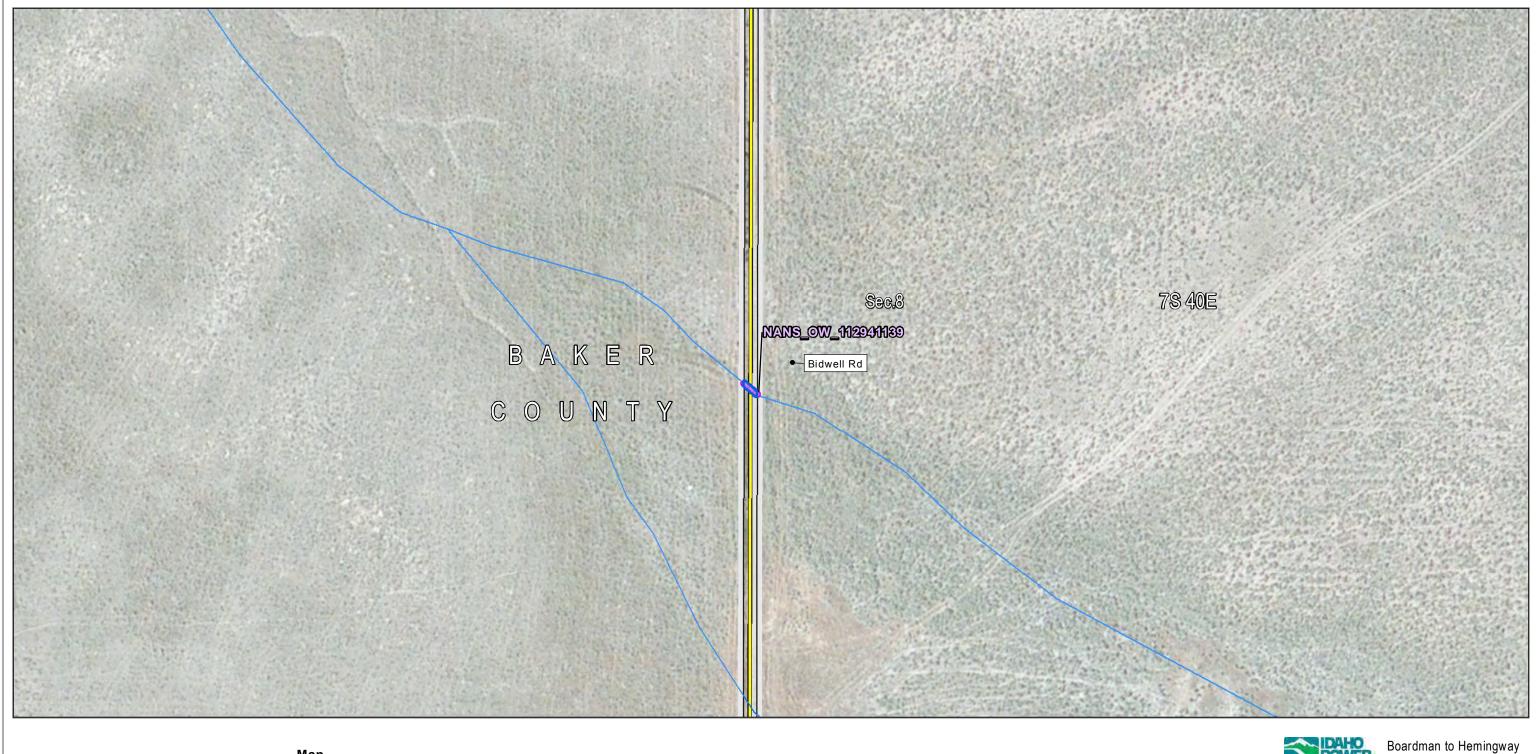
Stream Impact Type

Permanent



Boardman to Hemingway Transmission Line Project

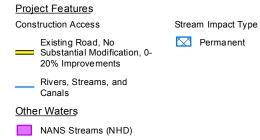
Attachment K-206
Wetland and Other Waters
Joint Permit Application
Detail Maps
Baker County





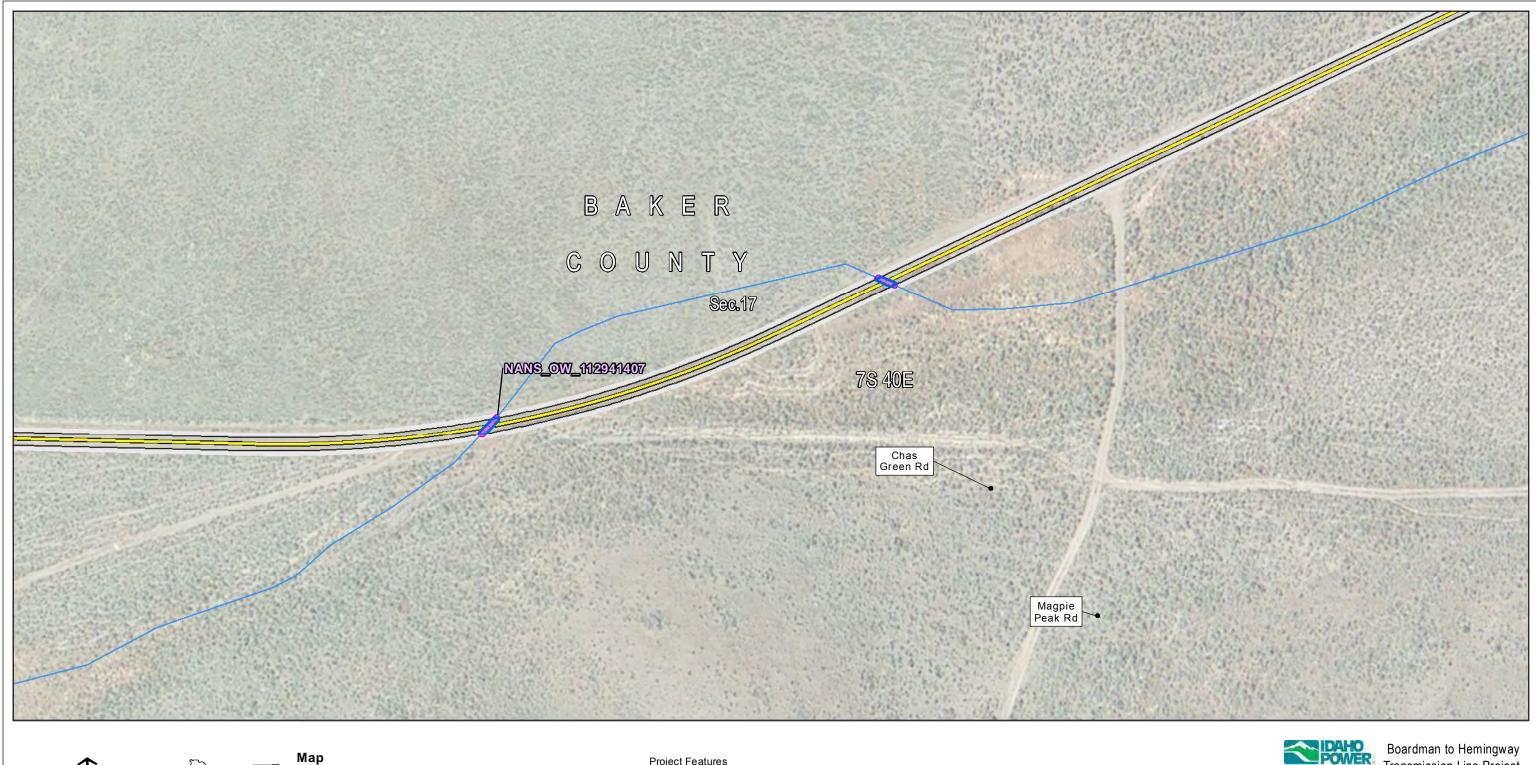
Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016



Transmission Line Project

Attachment K-207 Wetland and Other Waters Joint Permit Application Detail Maps Baker County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Construction Access

Existing Road, No
Substantial Modification, 0-20% Improvements

Rivers, Streams, and Canals

Other Waters

NANS Streams (NHD)

Stream Impact Type

Permanent



Transmission Line Project

Attachment K-208 Wetland and Other Waters Joint Permit Application Detail Maps Baker County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

Rivers, Streams, and Canals

Other Waters

NANS Streams (NHD)

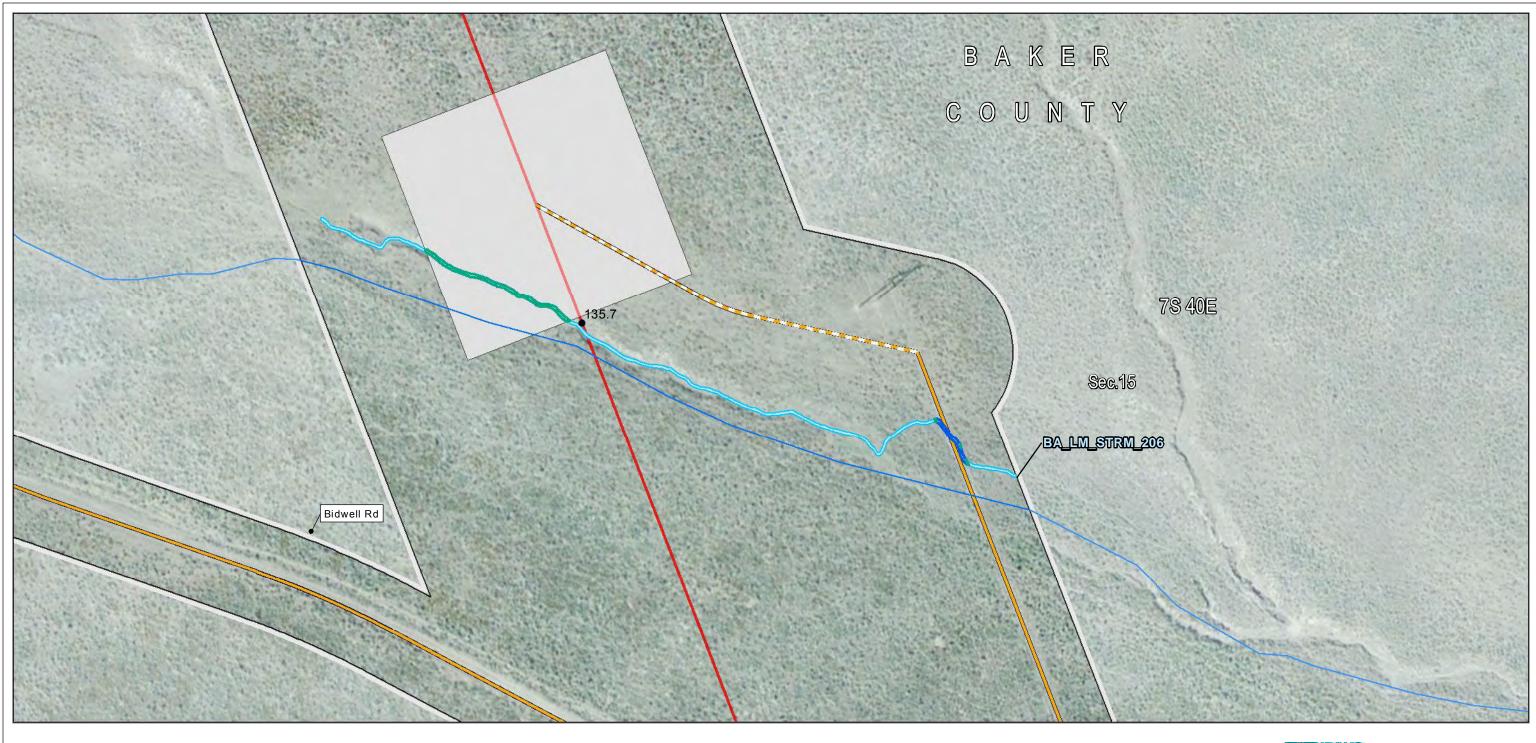
Stream Impact Type

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-209 Wetland and Other Waters Joint Permit Application Detail Maps Baker County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

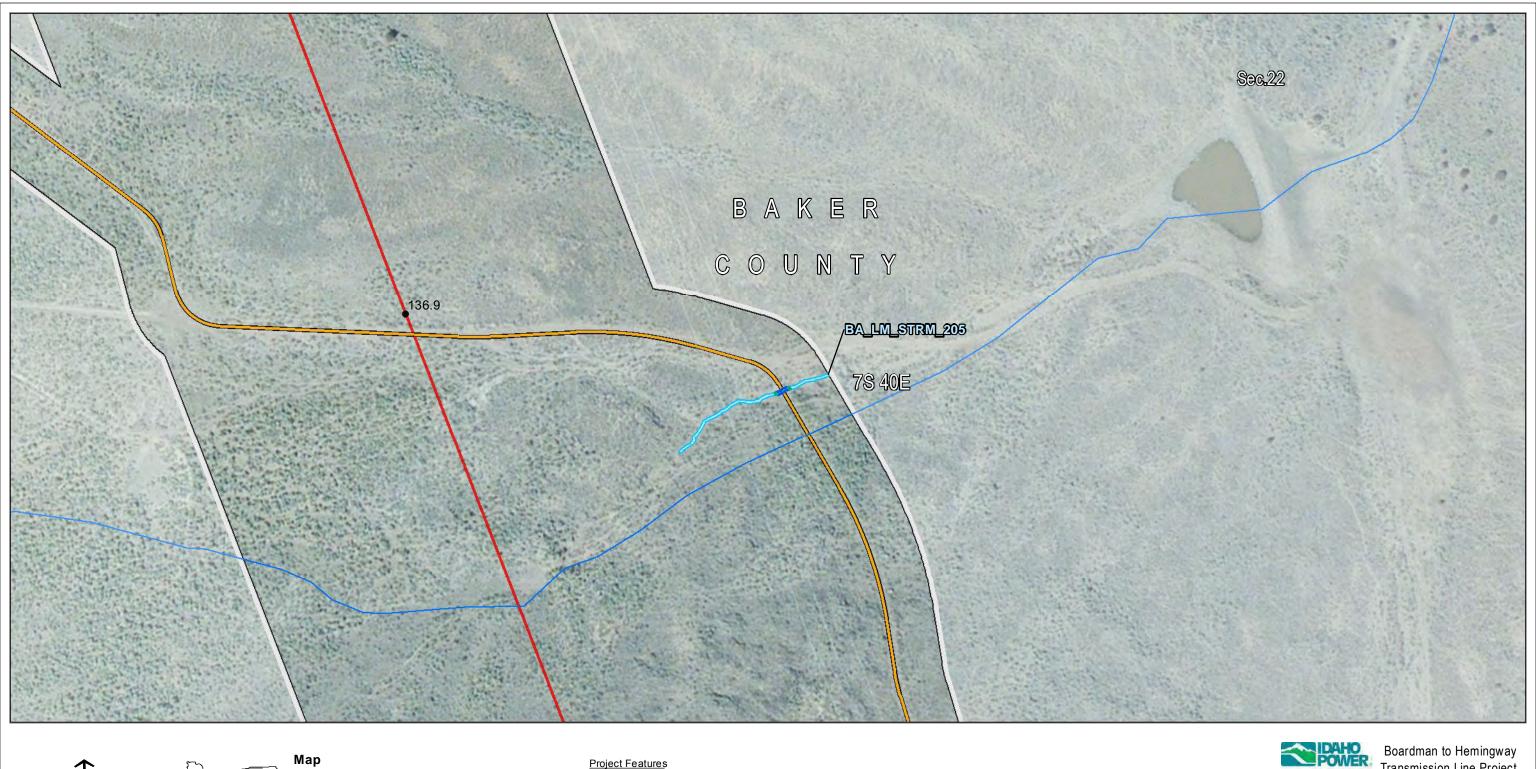


Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-210
Wetland and Other Waters
Joint Permit Application
Detail Maps
Baker County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Site Boundary

☐ Proposed Route Route Centerline

- Proposed Route Mileposts

Tenth-mile

Construction Access

Existing Road, Substantial Modification, 21-70% Improvements

Rivers, Streams, and Canals

Other Waters

Field Survey Streams

Stream Impact Type

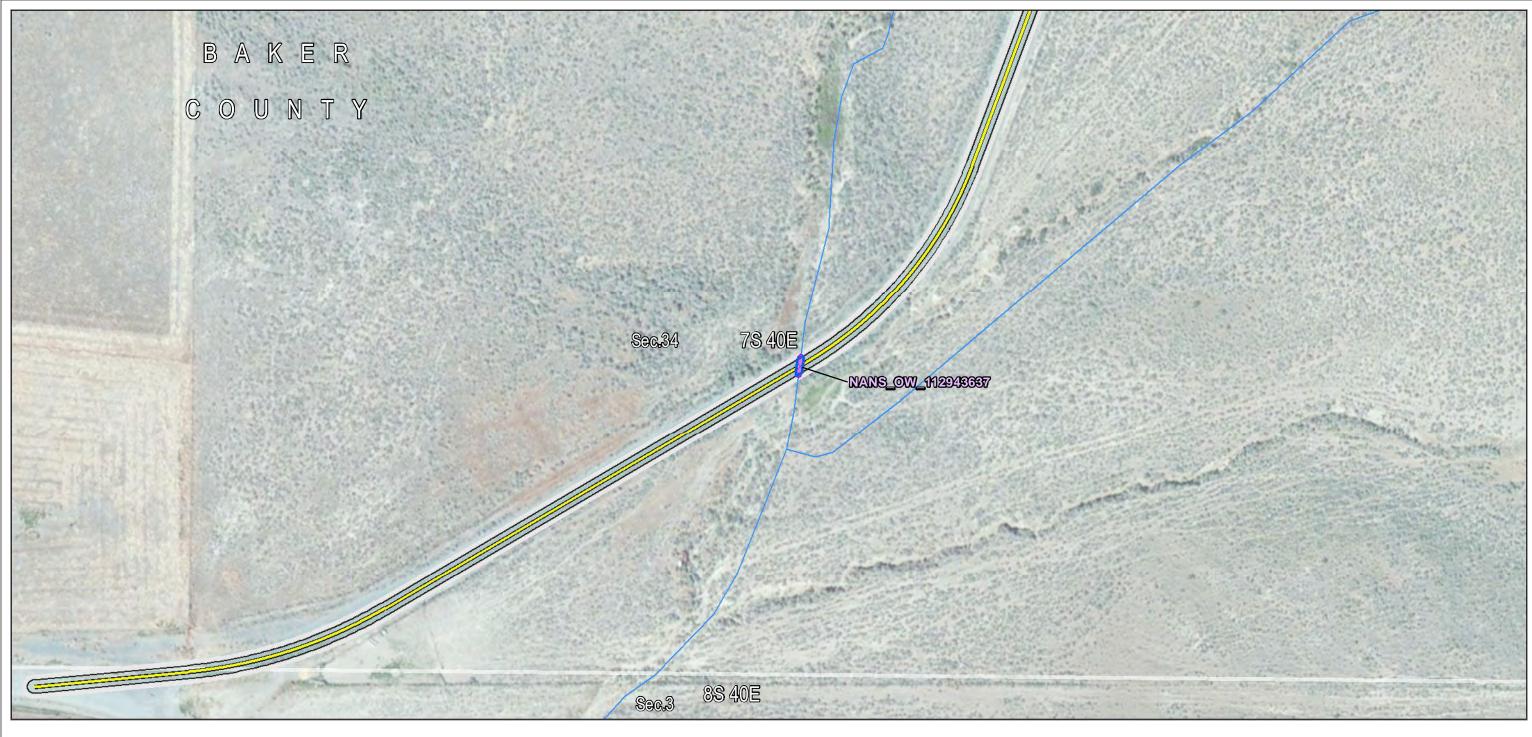
Temporary

Permanent



Transmission Line Project

Attachment K-211 Wetland and Other Waters Joint Permit Application Detail Maps Baker County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

Rivers, Streams, and Canals

Other Waters

NANS Streams (NHD)

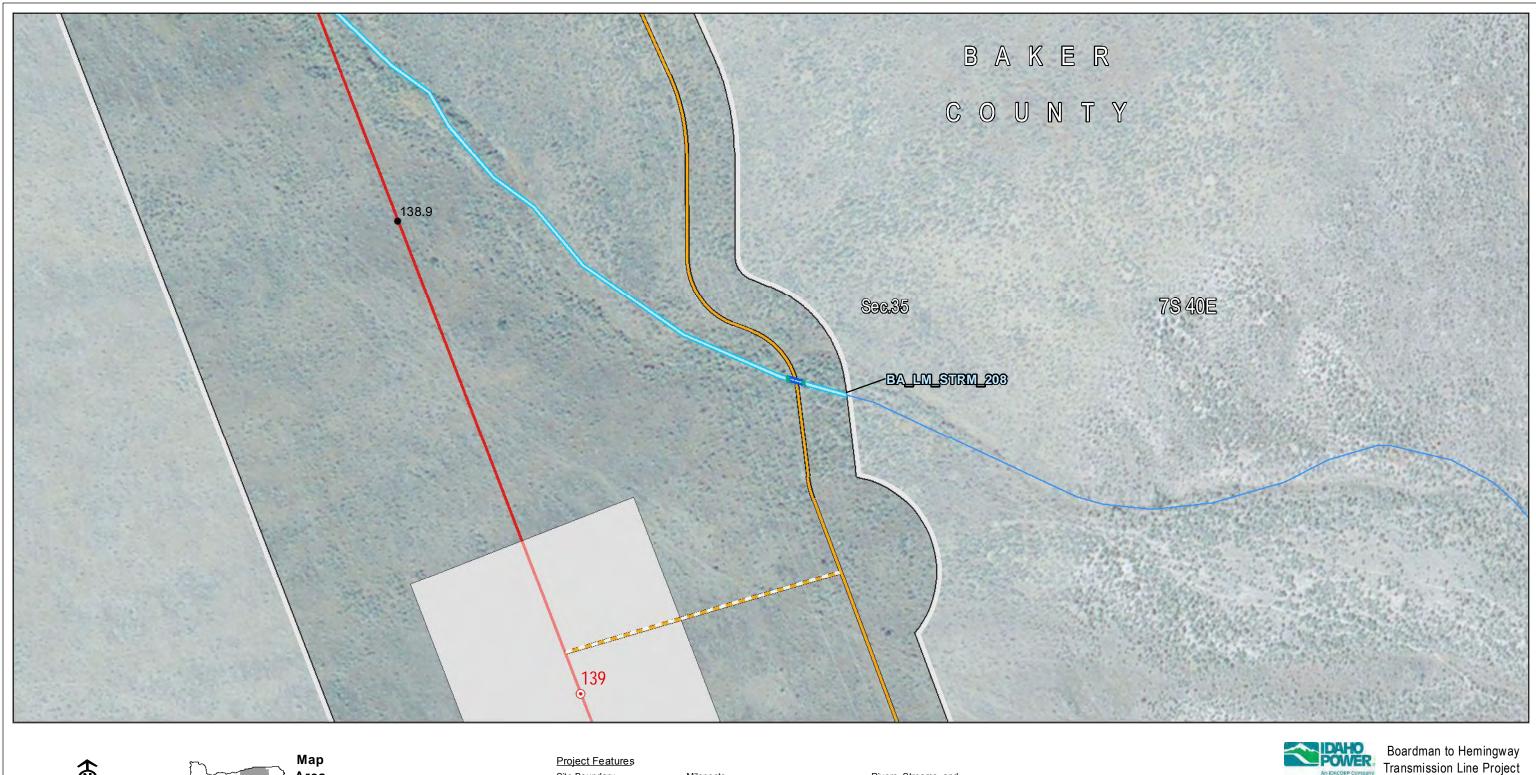
Stream Impact Type

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-212
Wetland and Other Waters
Joint Permit Application
Detail Maps
Baker County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016





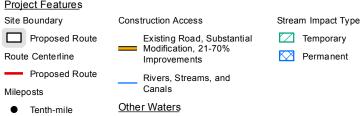
Attachment K-213 Wetland and Other Waters Joint Permit Application Detail Maps Baker County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016



NANS Streams (NHD)

Attachment K-214
Wetland and Other Waters
Joint Permit Application
Detail Maps
Baker County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Site Boundary

Proposed Route

Construction Access Existing Road, No
Substantial Modification, 0-

20% Improvements Existing Road, Substantial Modification, 21-70%

Improvements

Transportation

Other Major Roads

Rivers, Streams, and Canals

Other Waters

NANS Streams (NHD)

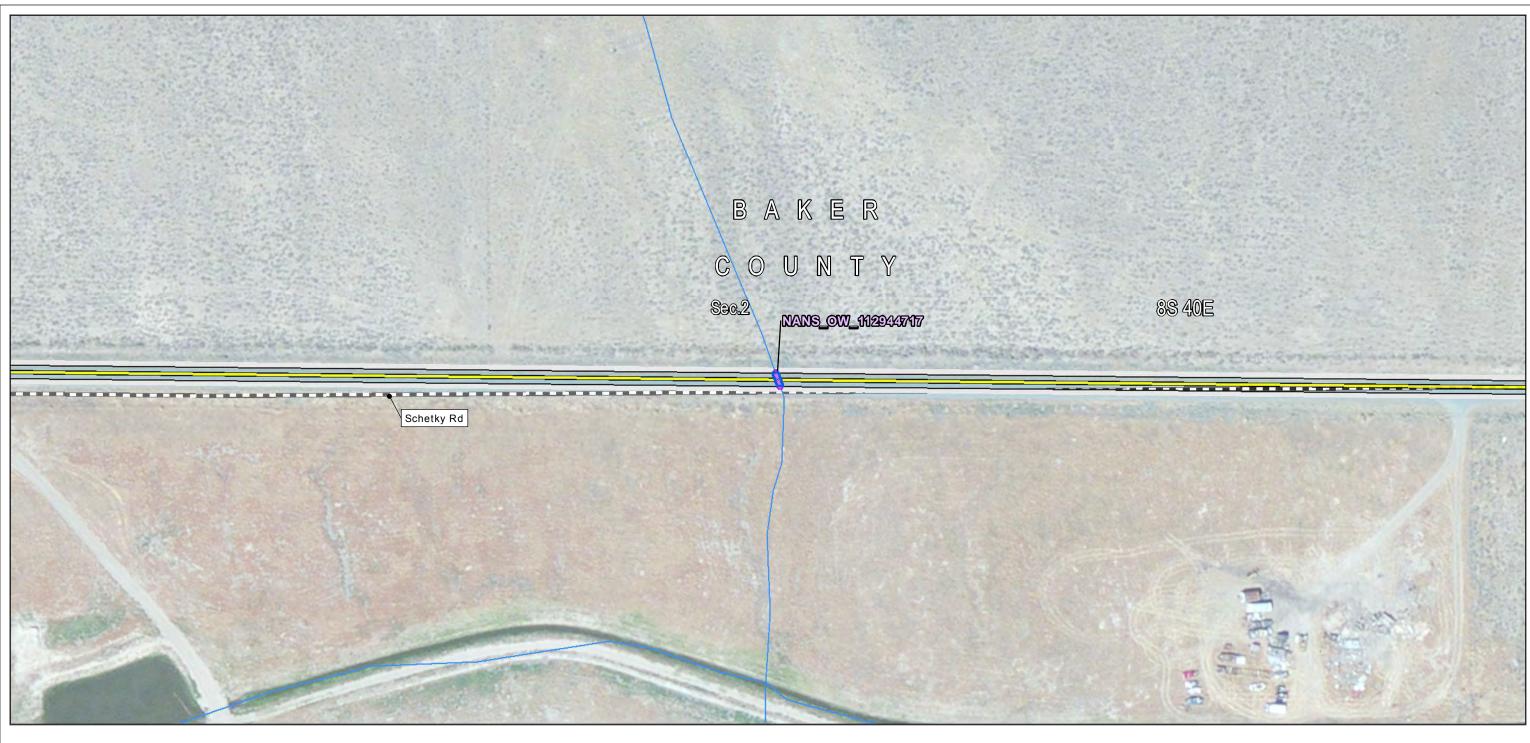
Stream Impact Type

Permanent



Transmission Line Project

Attachment K-215 Wetland and Other Waters Joint Permit Application Detail Maps Baker County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

Transportation

Other Major Roads

Rivers, Streams, and Canals

Other Waters

NANS Streams (NHD)

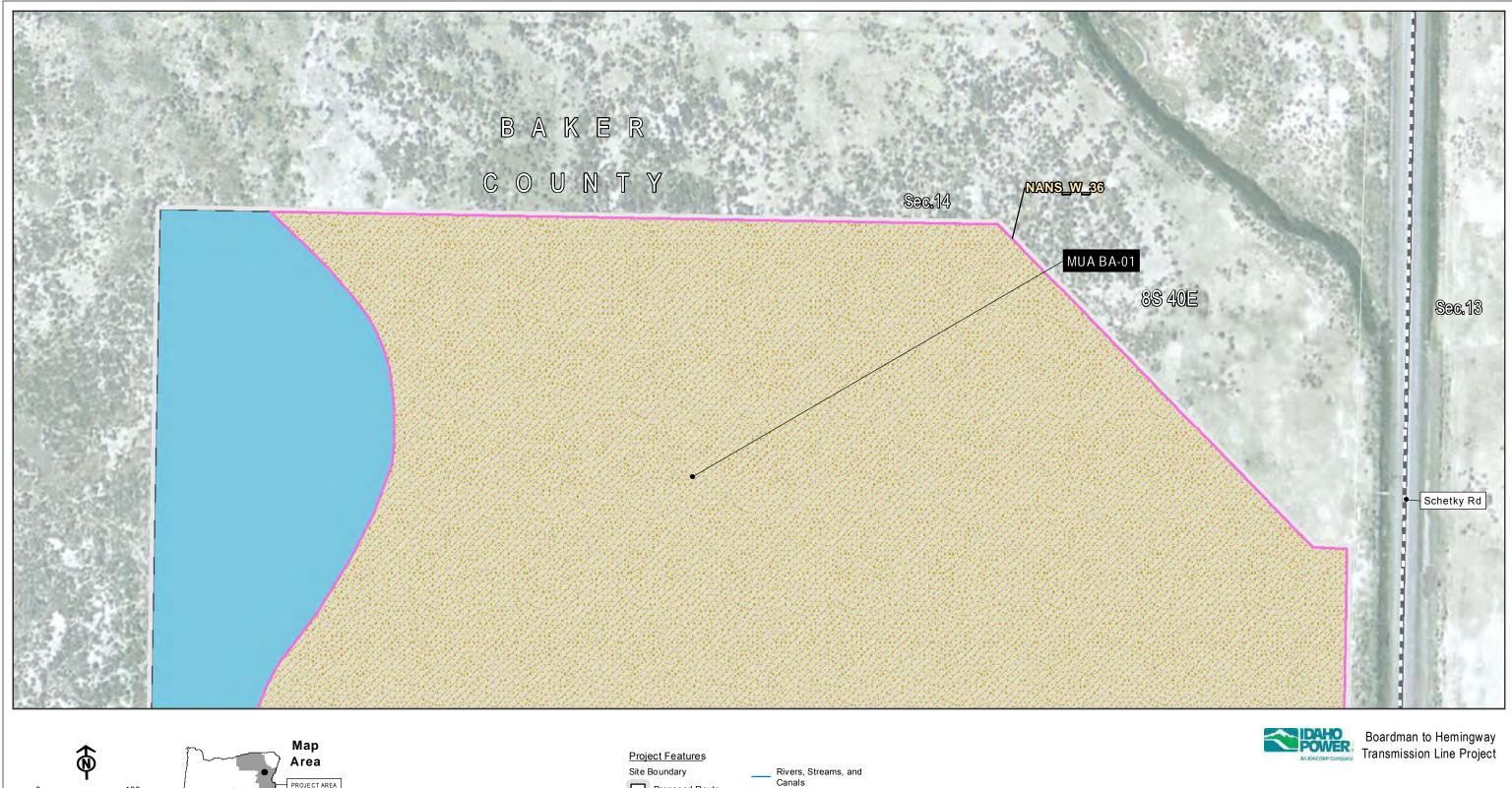
Stream Impact Type

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-216
Wetland and Other Waters
Joint Permit Application
Detail Maps
Baker County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Proposed Route

Work Areas

Multi-Use Area **Transportation**

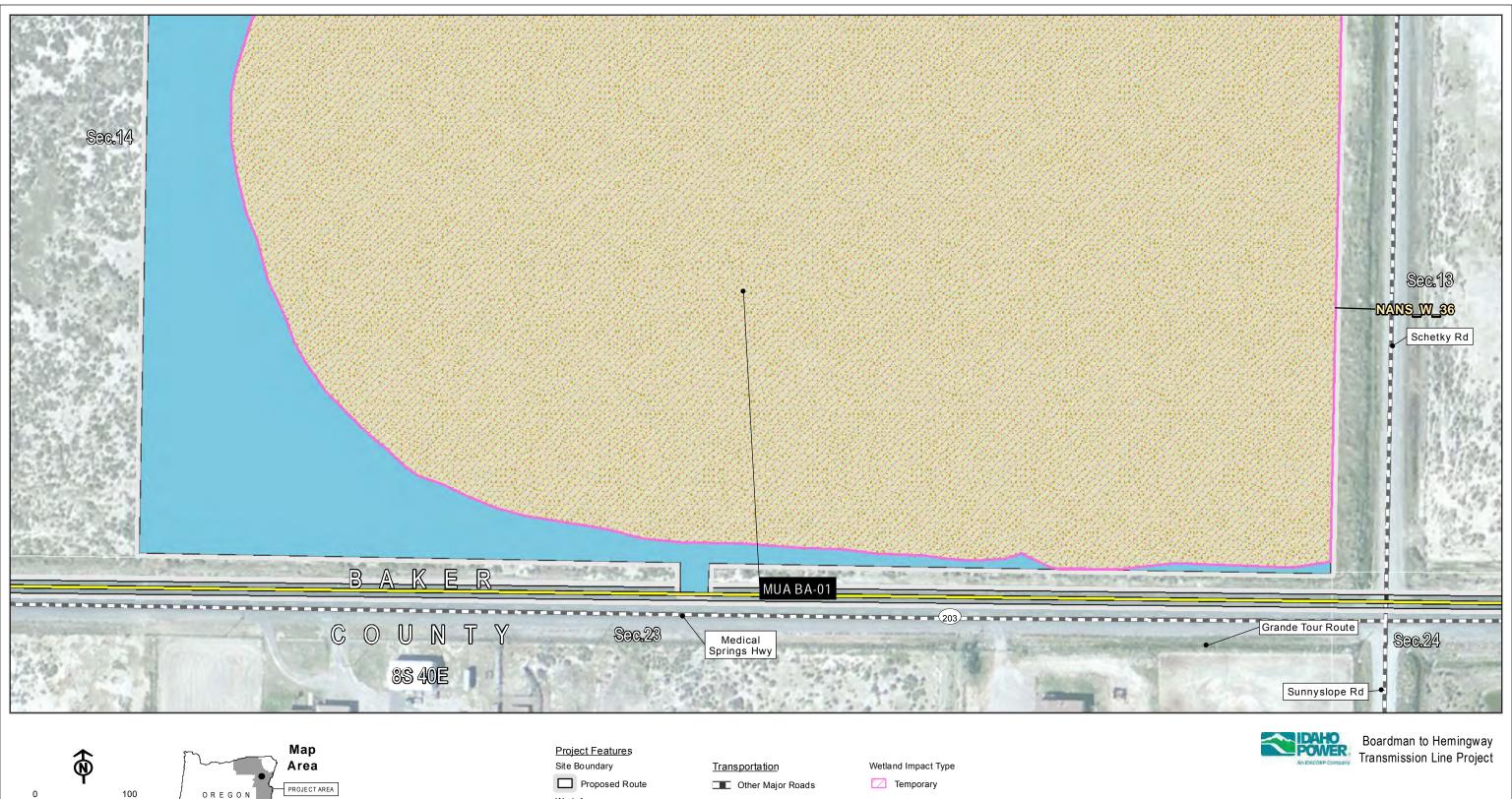
Other Major Roads

Wetland

NANS Wetland (NWI) Wetland Impact Type

Temporary

Attachment K-217 Wetland and Other Waters Joint Permit Application Detail Maps Baker County





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

Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Work Areas

Multi-Use Area

Construction Access

Existing Road, No
Substantial Modification, 0-20% Improvements

Rivers, Streams, and Canals

Wetland

NANS Wetland (NWI)

Attachment K-218 Wetland and Other Waters

Joint Permit Application Detail Maps Baker County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

<u>Transportation</u>

Other Major Roads

Rivers, Streams, and Canals

Other Waters

NANS Streams (NHD)

Stream Impact Type

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-219
Wetland and Other Waters
Joint Permit Application
Detail Maps
Baker County





Мар

Area

PROJECT AREA

Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

<u>Project Features</u> Site Boundary

Proposed Route

Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

Existing Road, Substantial
Modification, 71-100%
Improvements

Rivers, Streams, and Canals

Other Waters

Field Survey Streams

Stream Impact Type

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-220
Wetland and Other Waters
Joint Permit Application
Detail Maps
Baker County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016



Pulling and Tensioning

Structure Work Area

Attachment K-221
Wetland and Other Waters
Joint Permit Application
Detail Maps
Baker County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016



Site Boundary

Proposed Route

Route Centerline Proposed Route

Work Areas

Pulling and Tensioning Structure Work Area

Mileposts

Tenth-mile

Existing Road, Substantial Modification, 71-100% Improvements

New Road, Primitive

Rivers, Streams, and Canals

Other Waters

NANS Streams (NHD)

Stream Impact Type

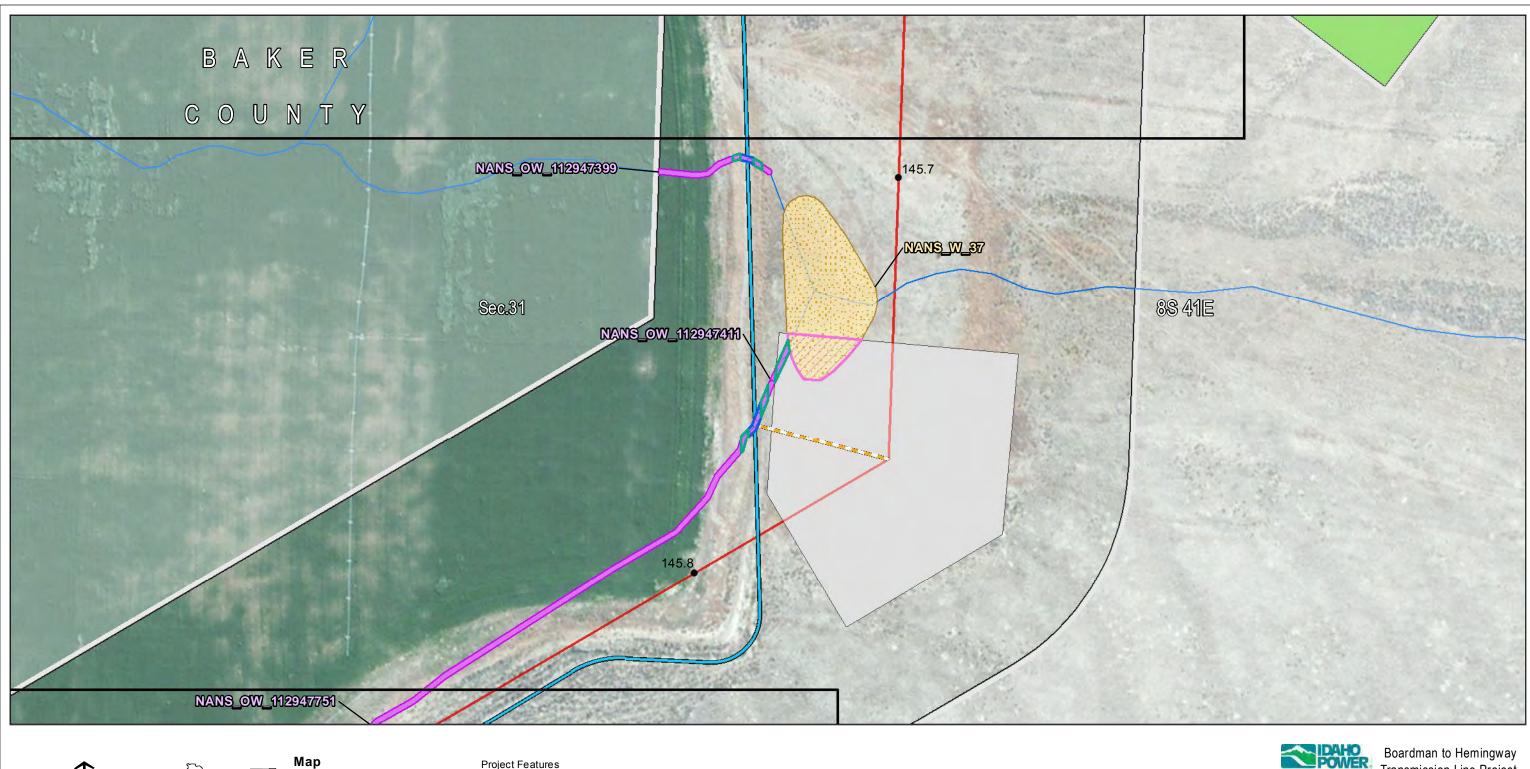
Temporary

Permanent



Transmission Line Project

Attachment K-222 Wetland and Other Waters Joint Permit Application Detail Maps Baker County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016



Site Boundary

Proposed 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

Rivers, Streams, and Canals

Other Waters

NANS Streams (NHD) Stream Impact Type

Temporary

Permanent

Wetland

NANS Wetland (NWI)

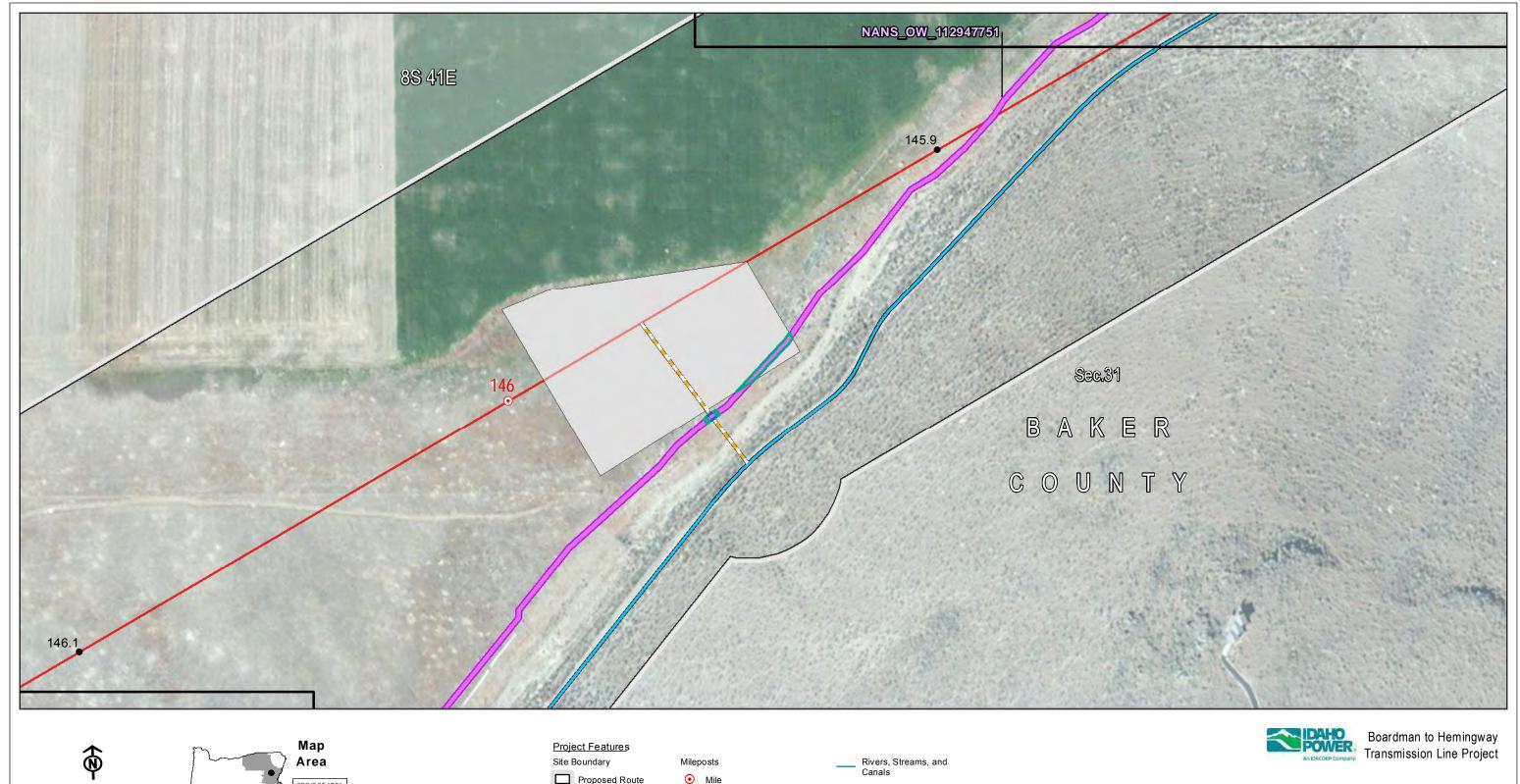
Wetland Impact Type

Temporary



Transmission Line Project

Attachment K-223 Wetland and Other Waters Joint Permit Application Detail Maps Baker County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

☐ Proposed Route

Route Centerline - Proposed Route

Work Areas Structure Work Area

Tenth-mile

Construction Access

Existing Road, Substantial Modification, 71-100% Improvements

New Road, Primitive

Other Waters

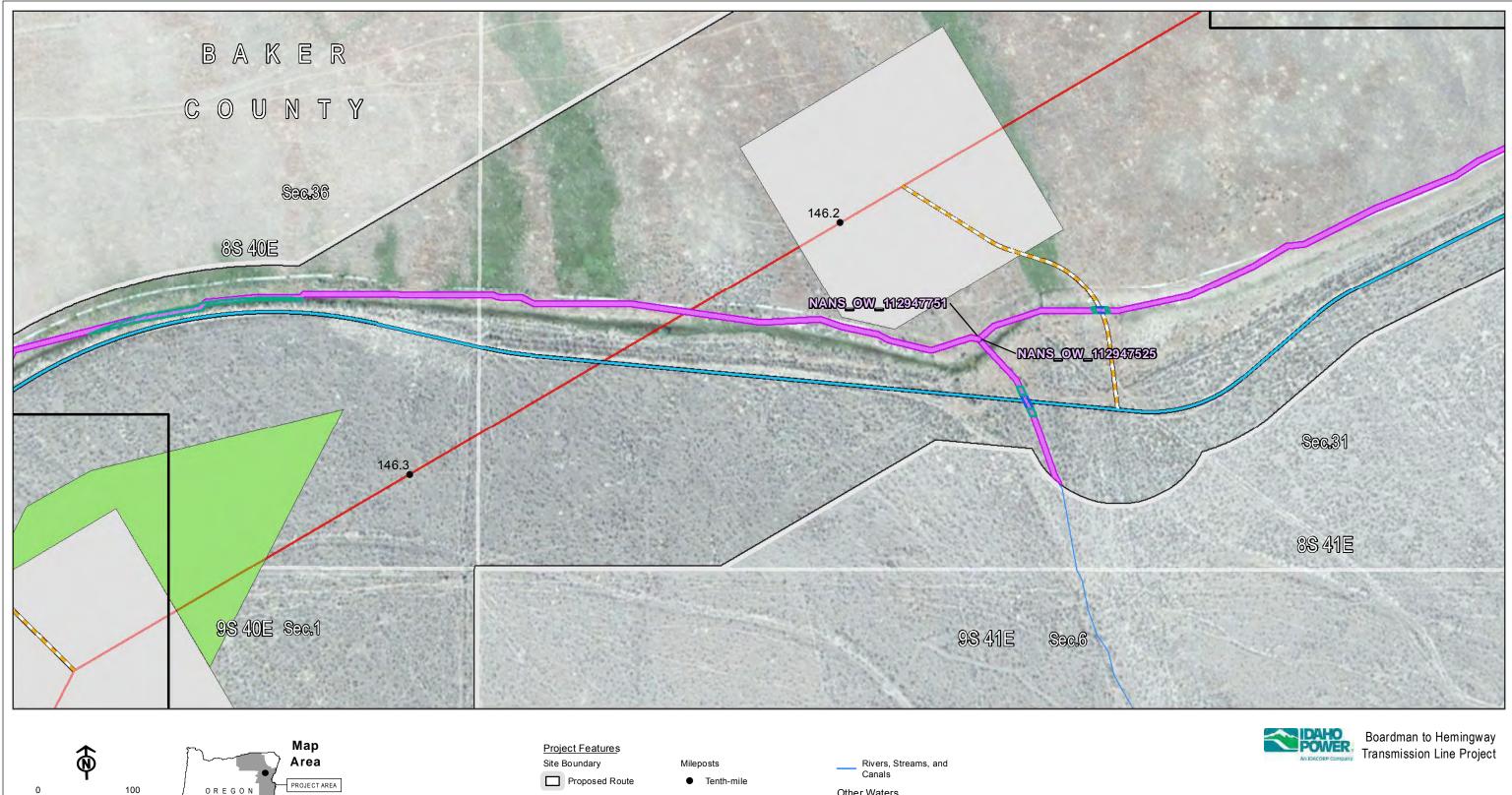
NANS Streams (NHD)

Stream Impact Type

Temporary

Permanent

Attachment K-224 Wetland and Other Waters Joint Permit Application Detail Maps Baker County



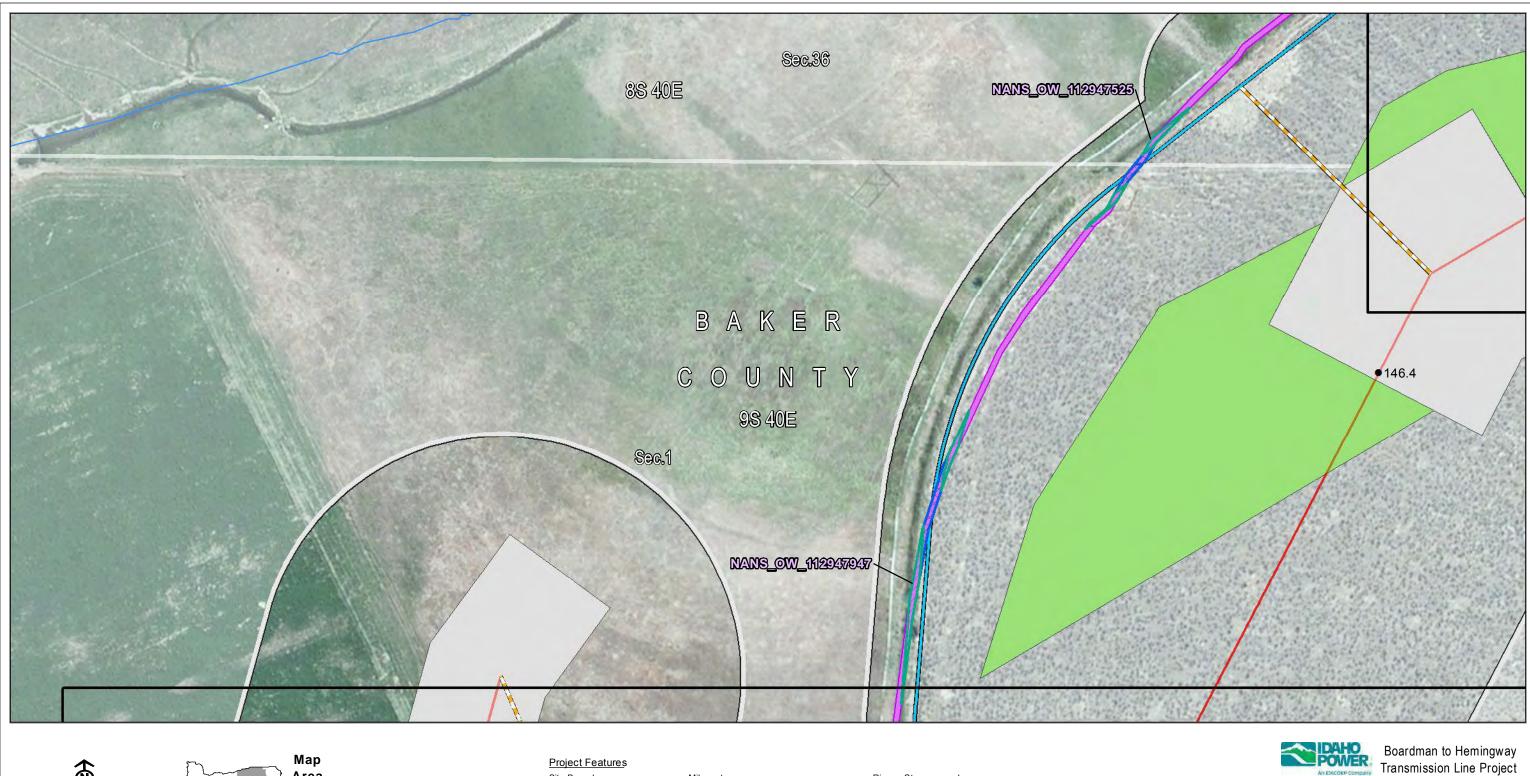
Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Other Waters Route Centerline NANS Streams (NHD) Existing Road, Substantial Modification, 71-100% Proposed Route Stream Impact Type Work Areas Improvements Temporary Pulling and Tensioning New Road, Primitive Permanent

Structure Work Area

Attachment K-225 Wetland and Other Waters Joint Permit Application Detail Maps Baker County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016



Proposed Route

Route Centerline Proposed Route

Work Areas Pulling and Tensioning

Structure Work Area

Mileposts

Tenth-mile

Existing Road, Substantial Modification, 71-100% Improvements

New Road, Primitive

Rivers, Streams, and Canals

Other Waters

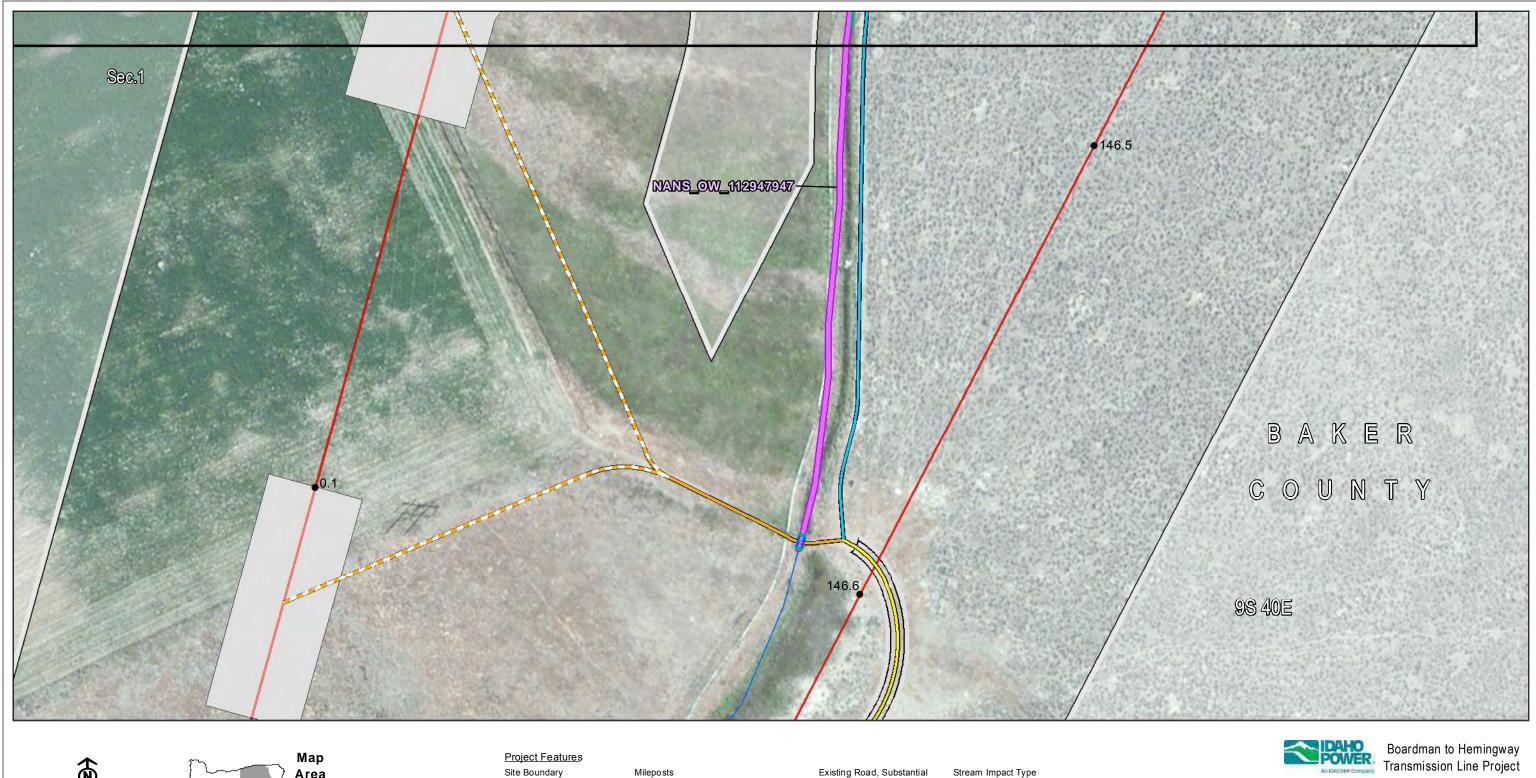
NANS Streams (NHD)

Stream Impact Type

Temporary

Permanent

Attachment K-226 Wetland and Other Waters Joint Permit Application Detail Maps Baker County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Site Boundary

Route Centerline

Work Areas

- Proposed Route

Structure Work Area

Proposed Route

Tenth-mile Construction Access

> Existing Road, No Substantial Modification, 0-20% Improvements

Existing Road, Substantial Modification, 21-70% Improvements

Existing Road, Substantial Modification, 71-100%

New Road, Primitive Rivers, Streams, and

Canals Other Waters

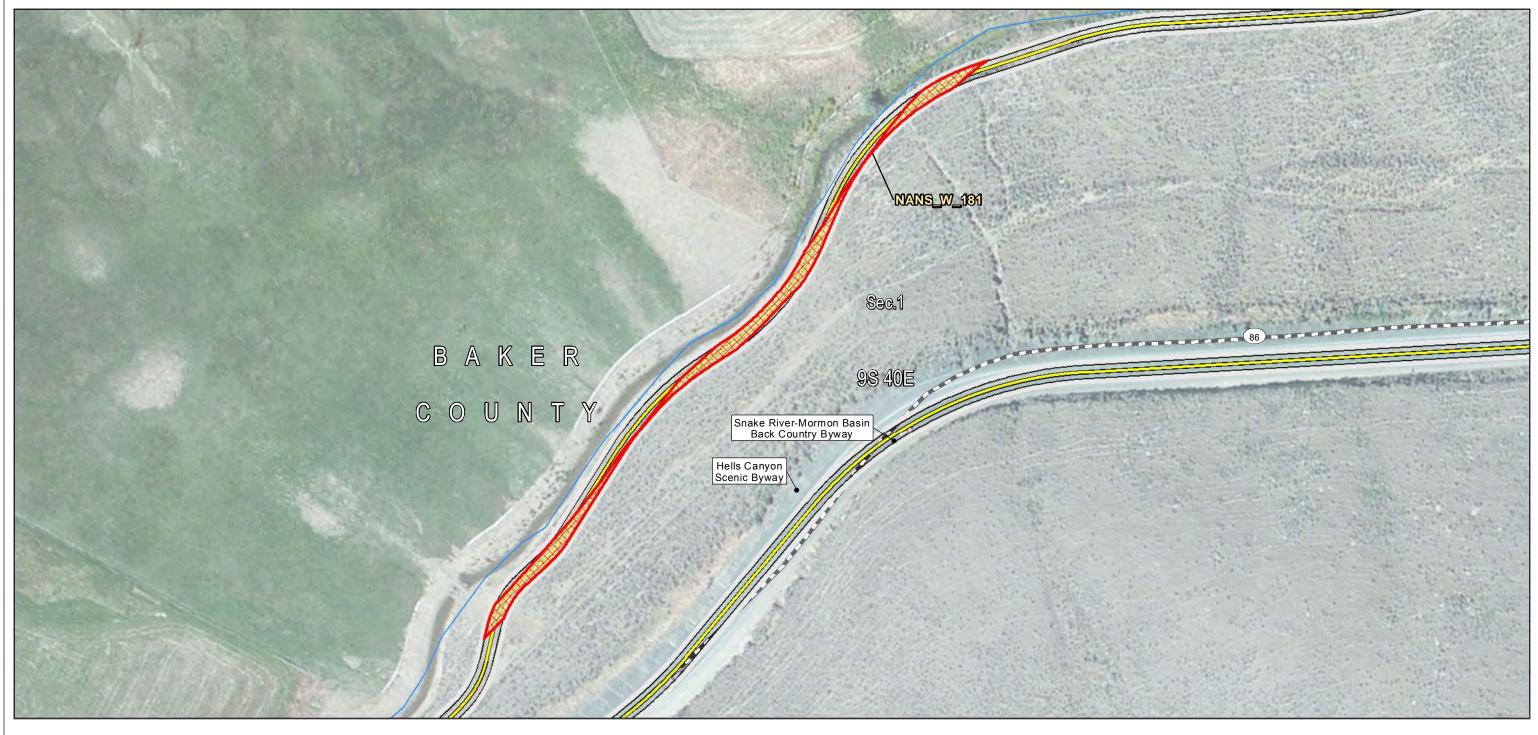
NANS Streams (NHD)

Stream Impact Type

Temporary

Permanent

Attachment K-227 Wetland and Other Waters Joint Permit Application Detail Maps Baker County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

Transportation

Other Major Roads

Rivers, Streams, and Canals

Wetland

NANS Wetland (NWI)

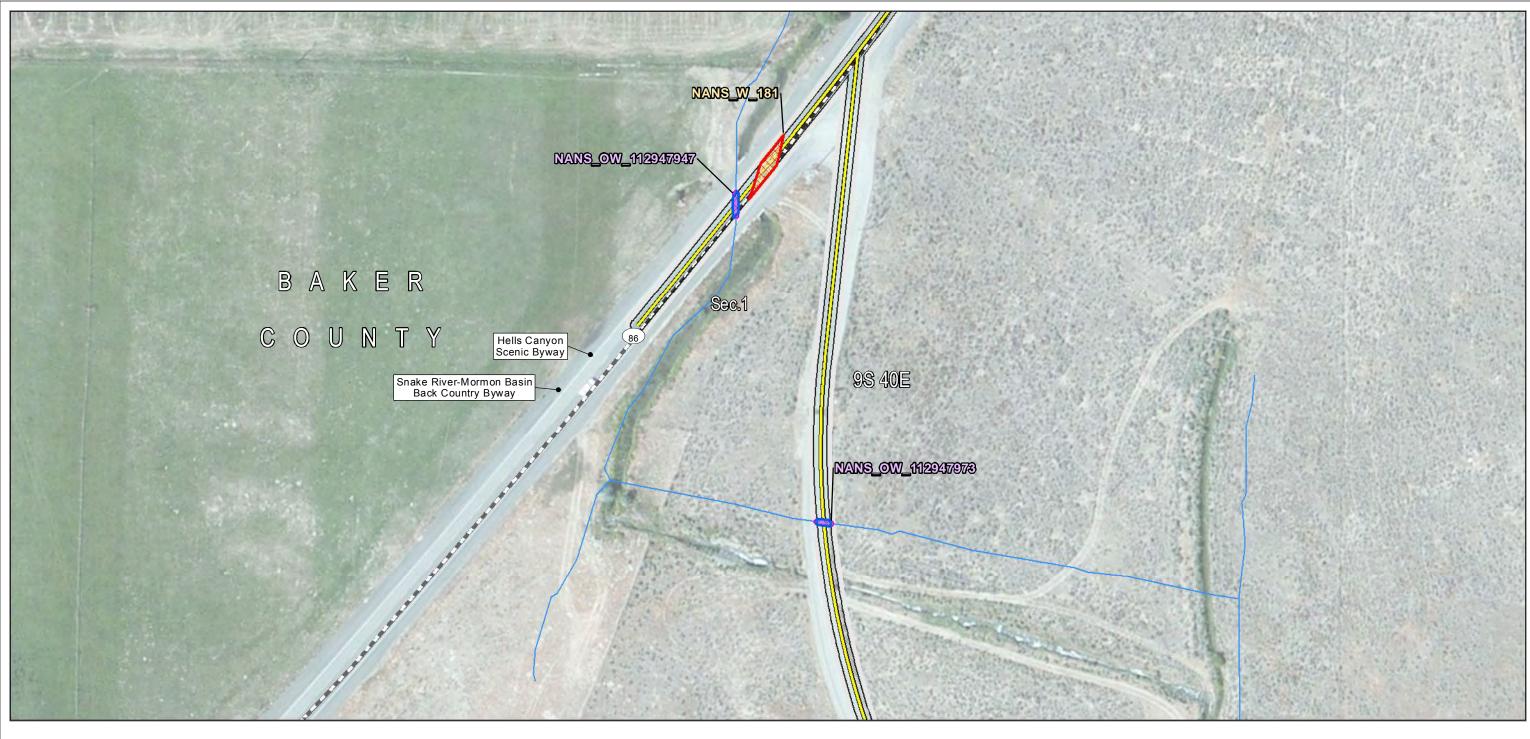
Wetland Impact Type

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-228
Wetland and Other Waters
Joint Permit Application
Detail Maps
Baker County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

<u>Transportation</u>

Other Major Roads

Rivers, Streams, and Canals

Other Waters

NANS Streams (NHD)

Stream Impact Type

Permanent

Wetland

NANS Wetland (NWI)

Wetland Impact Type

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-229 Wetland and Other Waters Joint Permit Application Detail Maps Baker County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

Rivers, Streams, and Canals

Other Waters

NANS Streams (NHD)

Stream Impact Type

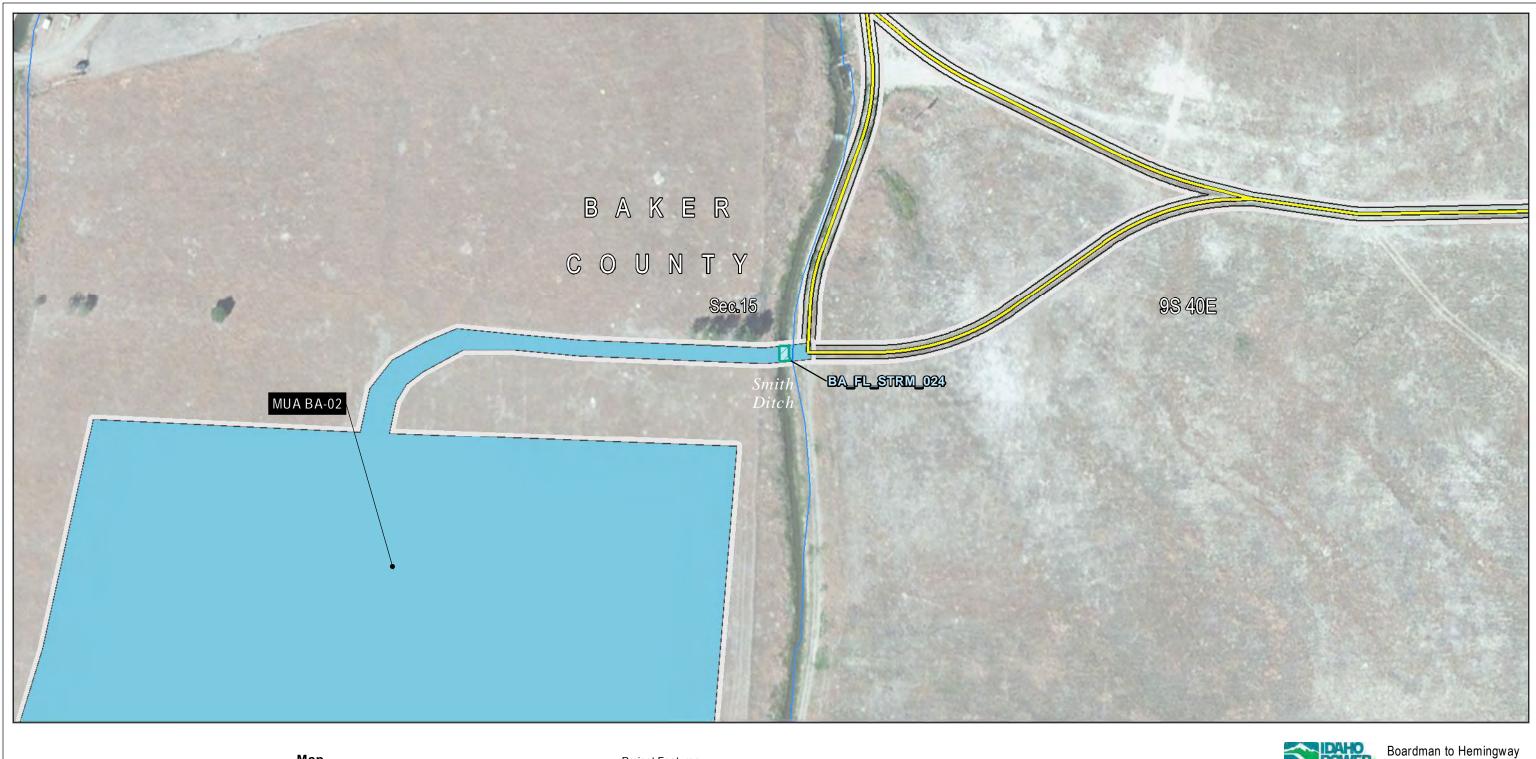
Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-230
Wetland and Other Waters
Joint Permit Application
Detail Maps

Baker County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Site Boundary

Proposed Route

Work Areas

Multi-Use Area

Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

Rivers, Streams, and Canals

Other Waters

Field Survey Streams

Stream Impact Type

Temporary



Transmission Line Project

Attachment K-231 Wetland and Other Waters Joint Permit Application Detail Maps Baker County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

Rivers, Streams, and Canals

Other Waters

NANS Streams (NHD)

Stream Impact Type

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-232 Wetland and Other Waters Joint Permit Application Detail Maps Baker County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

<u>Project Features</u> Site Boundary

Proposed Route

Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

Existing Road, Substantial
Modification, 21-70%
Improvements

Existing Road, Substantial
Modification, 71-100%
Improvements

Rivers, Streams, and Canals

Other Waters

NANS Streams (NHD)

Stream Impact Type

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-233
Wetland and Other Waters
Joint Permit Application
Detail Maps
Baker County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Site Boundary

Proposed Route
Construction Access

Existing Road, Substantial
Modification, 21-70%
Improvements

Existing Road, Substantial
Modification, 71-100%
Improvements

Rivers, Streams, and Canals

<u>Wetland</u>

Field Survey Wetland

Wetland Impact Type

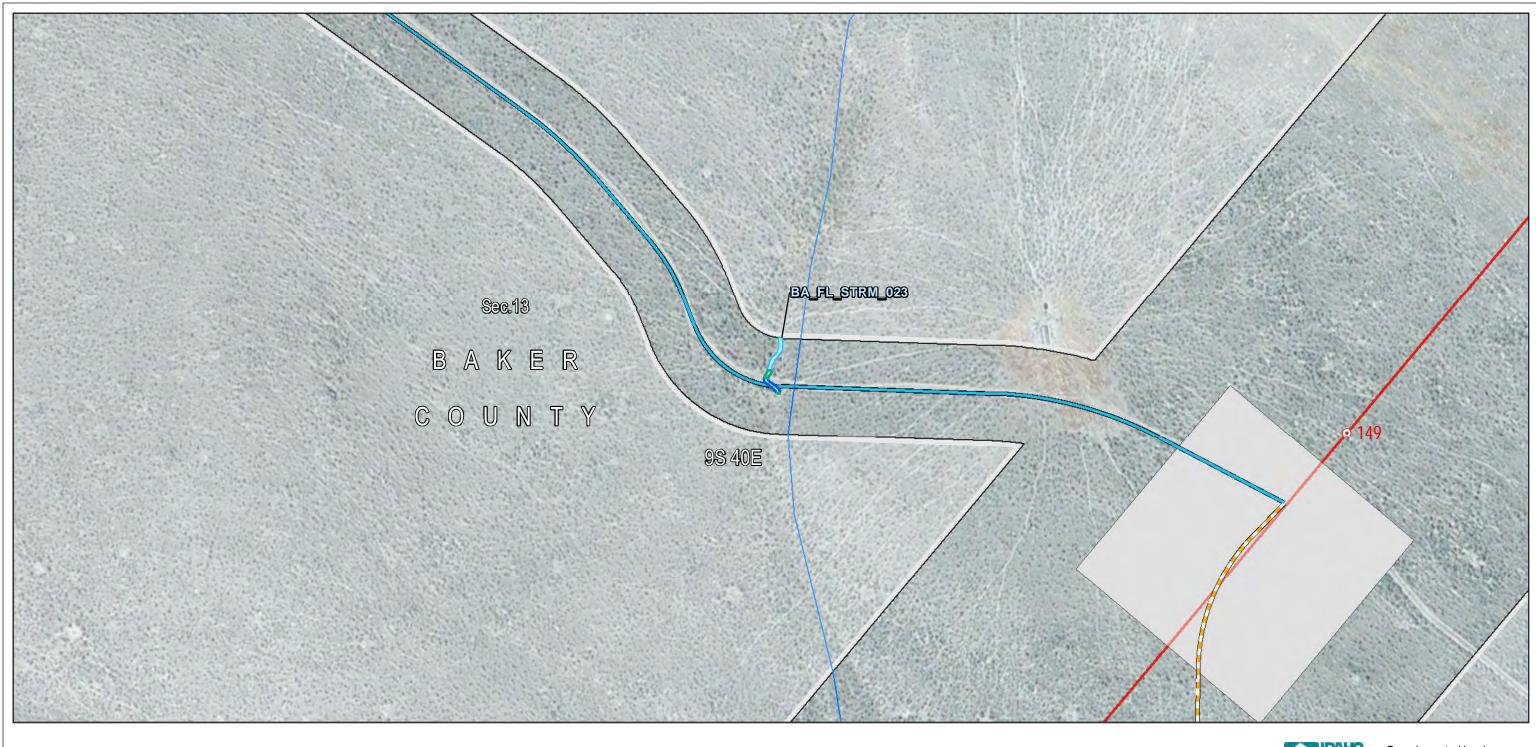
Temporary

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-234
Wetland and Other Waters
Joint Permit Application
Detail Maps
Baker County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Site Boundary

Proposed Route
Route Centerline

Proposed Route
Work Areas

Structure Work Area

Mileposts

Mile

Construction Access

Existing Road, Substantial
Modification, 71-100%
Improvements

New Road, Primitive

Rivers, Streams, and Canals

Other Waters

Field Survey Streams

Stream Impact Type

Temporary

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-235
Wetland and Other Waters
Joint Permit Application
Detail Maps
Baker County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016



Site Boundary

Proposed 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, Primitive

Rivers, Streams, and Canals

Other Waters

Field Survey Streams Stream Impact Type

Temporary

Permanent

Wetland

Field Survey Wetland Wetland Impact Type

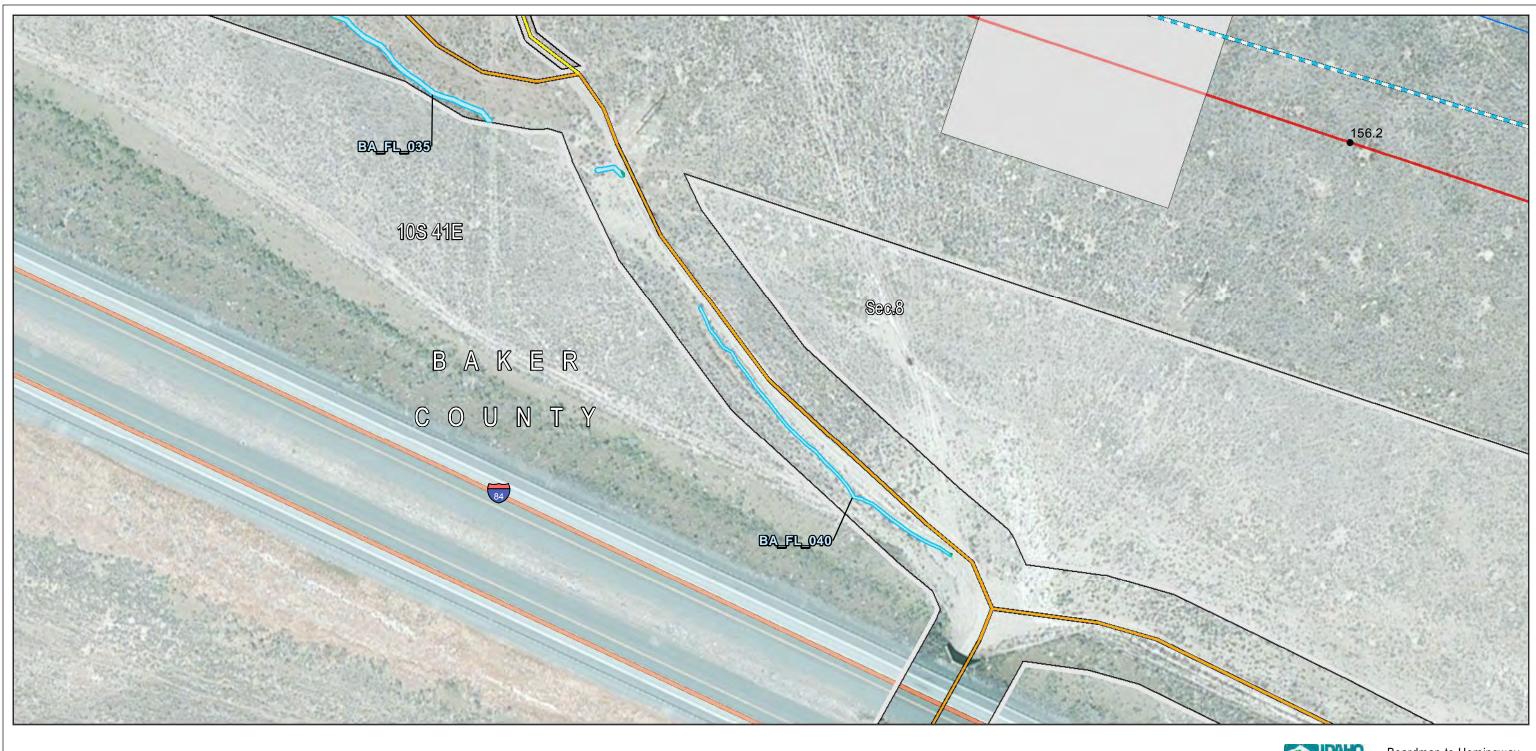
Temporary

Permanent



Transmission Line Project

Attachment K-236 Wetland and Other Waters Joint Permit Application Detail Maps Baker County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016



Site Boundary

Proposed Route

Route Centerline Co

Proposed Route

Work Areas

Structure Work Area

Mileposts

Tenth-mile

Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

Existing Road, Substantial
Modification, 21-70%
Improvements

New Road, Bladed

Transportation

Interstates or Highways
Rivers, Streams, and
Canals

Other Waters

Field Survey Streams

Stream Impact Type

Temporary

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-237
Wetland and Other Waters
Joint Permit Application
Detail Maps
Baker County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features
Site Boundary

Proposed Route
Railroads

Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

Transportation

Other Major Roads

Rivers, Streams, and Canals

Other Waters

NANS Streams (NHD)

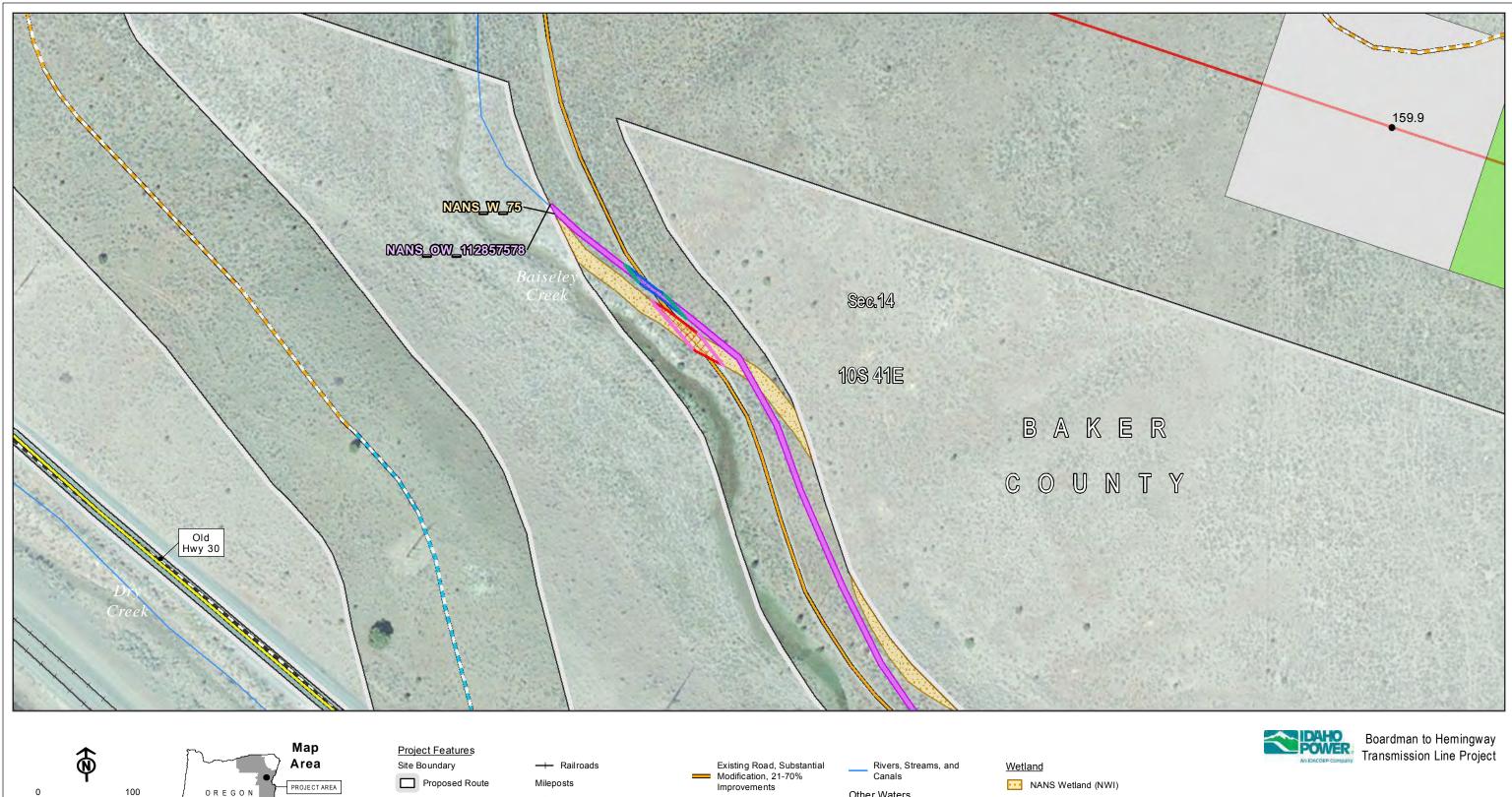
Stream Impact Type

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-238
Wetland and Other Waters
Joint Permit Application
Detail Maps
Baker County



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

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

Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Route Centerline Proposed Route

Work Areas

Pulling and Tensioning Structure Work Area

 Tenth-mile Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

New Road, Bladed New Road, Primitive

Transportation

Other Major Roads

Other Waters

NANS Streams (NHD) Stream Impact Type

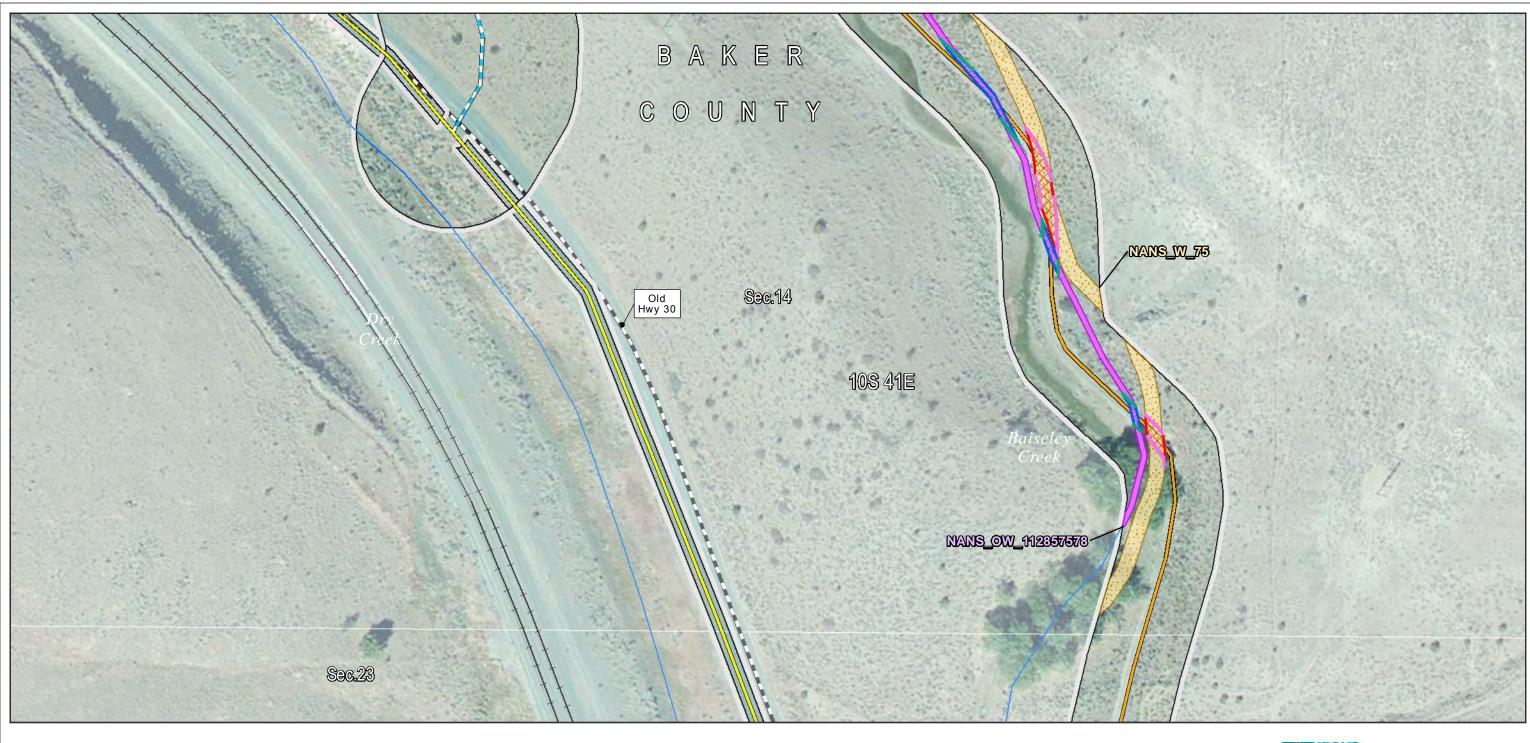
Temporary

Permanent

Wetland Impact Type Temporary

Permanent

Attachment K-239 Wetland and Other Waters Joint Permit Application Detail Maps **Baker County**





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

<u>Project Features</u> Site Boundary

Proposed Route

Railroads

Construction Access

Existing Road, No

Substantial Modification, 020% Improvements

Existing Road, Substantial
Modification, 21-70%
Improvements

New Road, Bladed

Transportation

Other Major Roads
Rivers, Streams, and
Canals

Other Waters

NANS Streams (NHD)

NANS Streams (NHD)
Stream Impact Type

Temporary
Permanent

Wetland

NANS Wetland (NWI)

Wetland Impact Type

mpact Type nporary



Boardman to Hemingway Transmission Line Project

Attachment K-240
Wetland and Other Waters
Joint Permit Application
Detail Maps
Baker County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features Site Boundary

Proposed Route

--- Railroads Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

Existing Road, Substantial Modification, 21-70%

Improvements Transportation

Other Major Roads

Rivers, Streams, and Canals

Other Waters

NANS Streams (NHD)

Wetland Impact Type

Permanent

Stream Impact Type Permanent

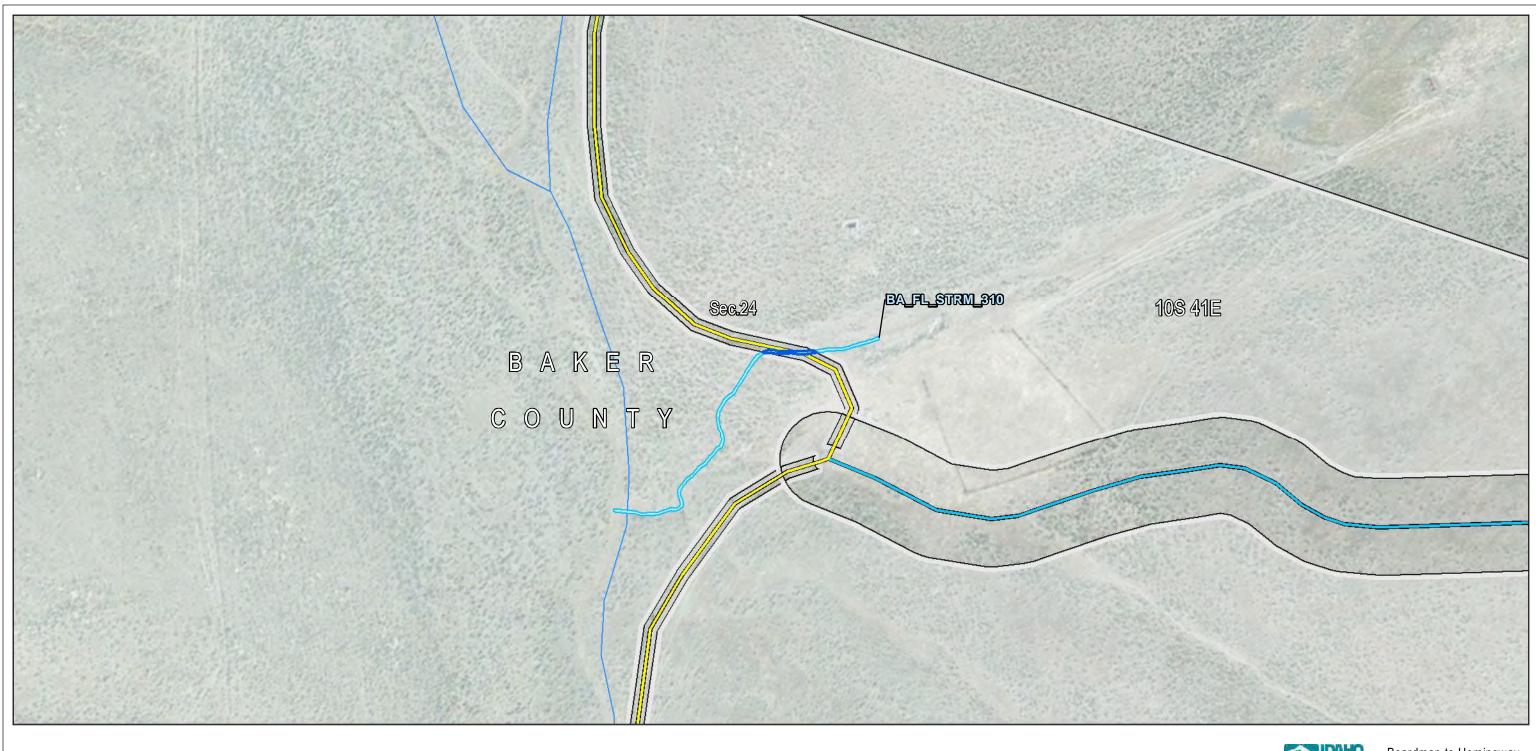
Wetland

NANS Wetland (NWI)



Boardman to Hemingway Transmission Line Project

Attachment K-241 Wetland and Other Waters Joint Permit Application Detail Maps Baker County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features Site Boundary

Proposed Route

Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

Existing Road, Substantial
Modification, 71-100%
Improvements

Rivers, Streams, and Canals

Other Waters

Field Survey Streams

Stream Impact Type

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-242
Wetland and Other Waters
Joint Permit Application
Detail Maps
Baker County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

---- Railroads

Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

Transportation

Other Major Roads

Interstates or Highways

Rivers, Streams, and Canals

Other Waters

NANS Streams (NHD)

Stream Impact Type

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-243 Wetland and Other Waters Joint Permit Application Detail Maps Baker County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

--- Railroads

Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

Transportation

Interstates or Highways

Other Major Roads

__ Rivers, Streams, and Canals

Other Waters

NANS Streams (NHD)
Stream Impact Type

Permanent

Wetland

NANS Wetland (NWI)

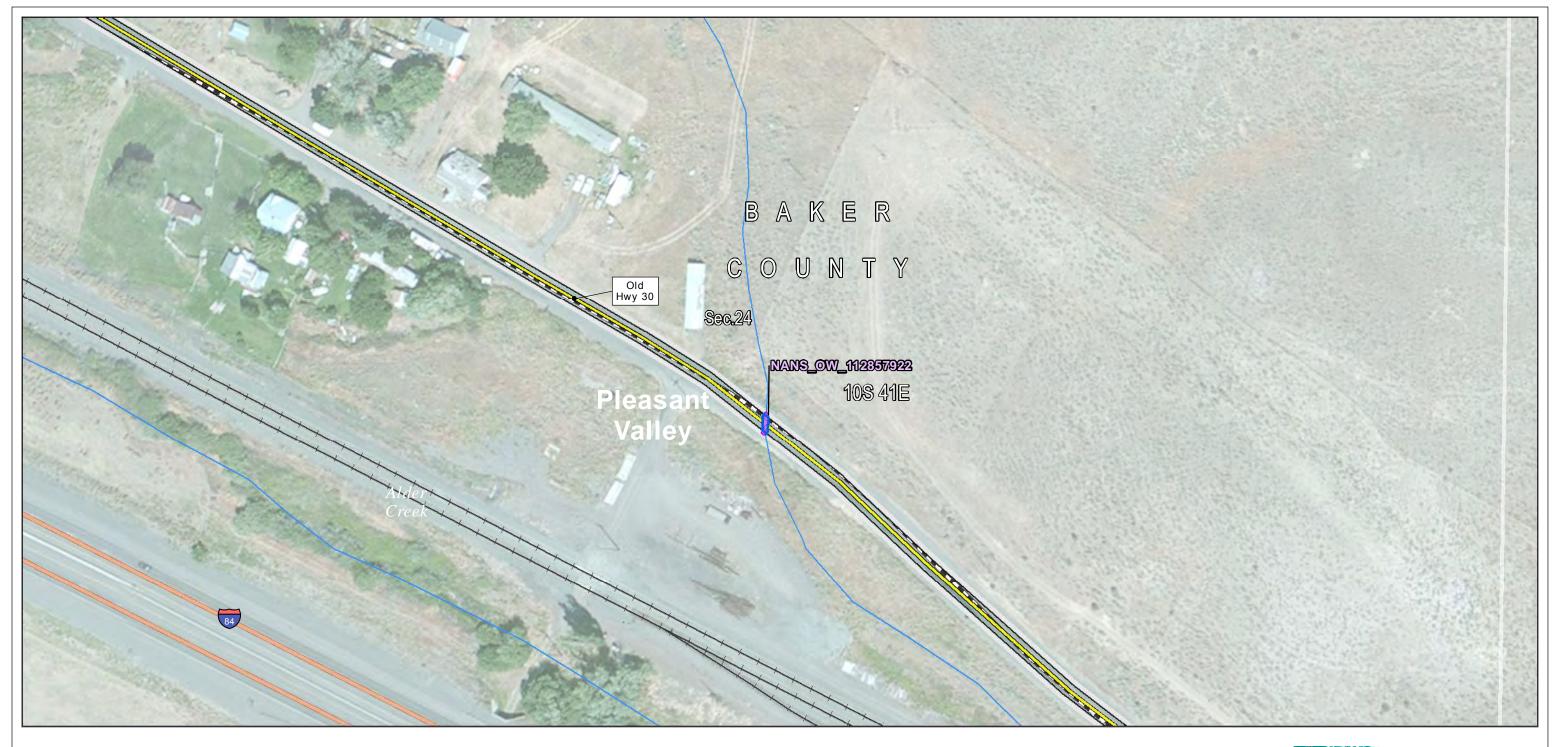
Wetland Impact Type

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-244
Wetland and Other Waters
Joint Permit Application
Detail Maps
Baker County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

--- Railroads

Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

Transportation

Interstates or Highways

Other Major Roads

Rivers, Streams, and Canals

Other Waters

NANS Streams (NHD)

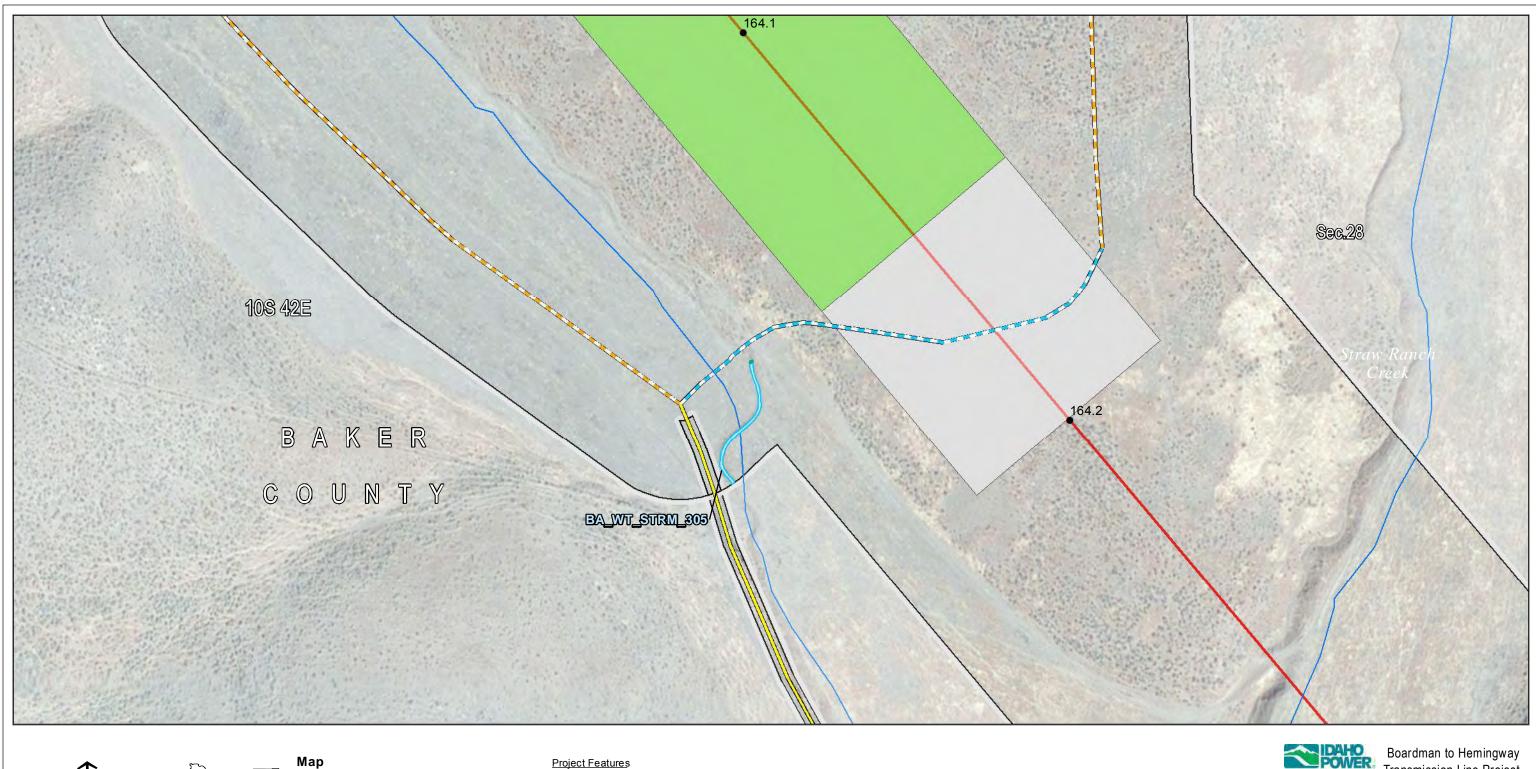
Stream Impact Type

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-245 Wetland and Other Waters Joint Permit Application Detail Maps Baker County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

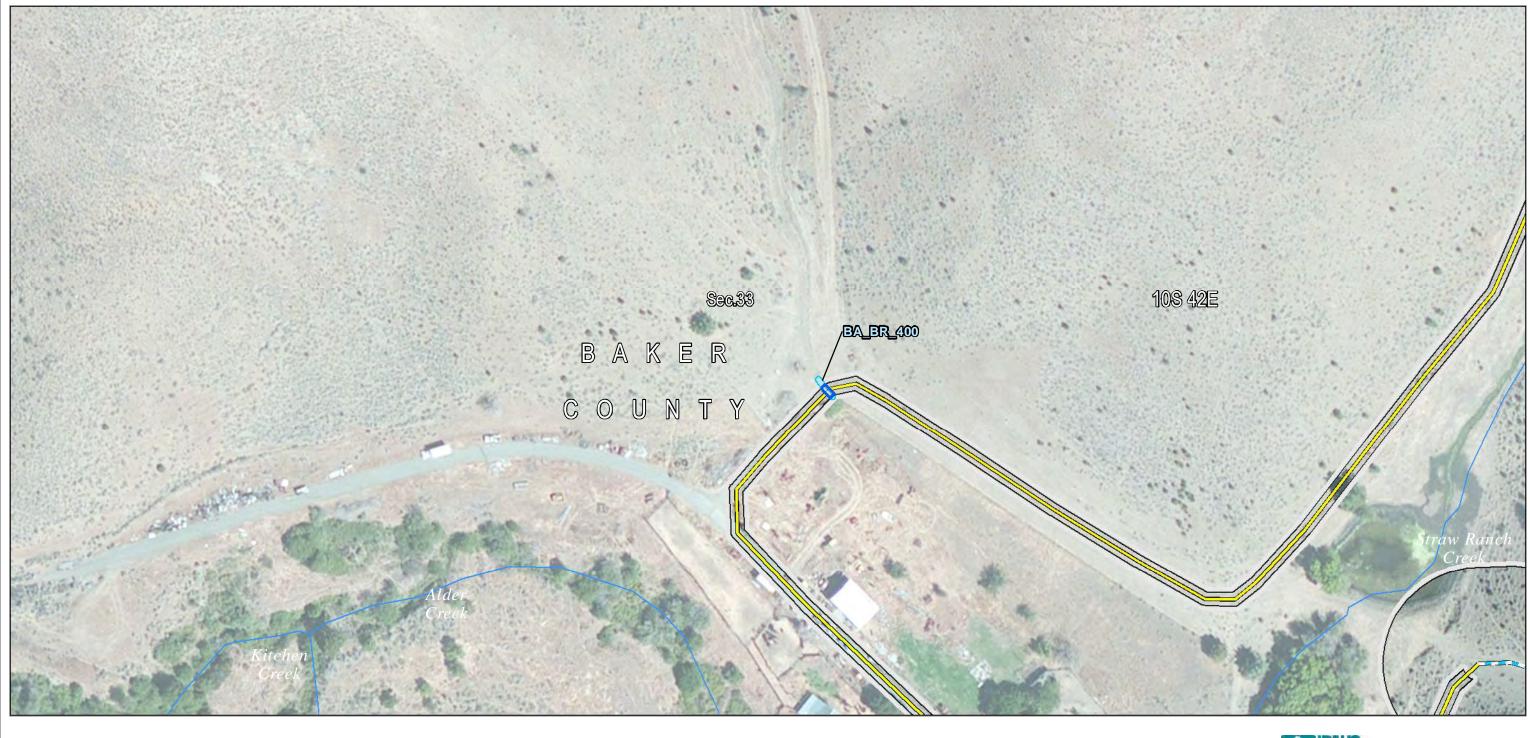


New Road, Primitive

Structure Work Area



Attachment K-246 Wetland and Other Waters Joint Permit Application Detail Maps Baker County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

<u>Project Features</u> Site Boundary

Proposed Route

Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

New Road, Bladed

Rivers, Streams, and Canals

Other Waters

Field Survey Streams

Stream Impact Type

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-247
Wetland and Other Waters
Joint Permit Application
Detail Maps
Baker County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

--- Railroads

Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

Transportation

Interstates or Highways

Other Major Roads

Rivers, Streams, and Canals

Other Waters

Field Survey Streams

NANS Streams (NHD)

Permanent

Stream Impact Type

Wetland

NANS Wetland (NWI)

Wetland Impact Type

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-248 Wetland and Other Waters Joint Permit Application Detail Maps Baker County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016



Permanent

Other Major Roads

Boardman to Hemingway
Transmission Line Project

Attachment K-249
Wetland and Other Waters
Joint Permit Application
Detail Maps
Baker County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Site Boundary

☐ Proposed Route Work Areas

Multi-Use Area --- Railroads

Construction Access

Existing Road, No
Substantial Modification, 0-20% Improvements

Rivers, Streams, and Canals

Wetland

Field Survey Wetland

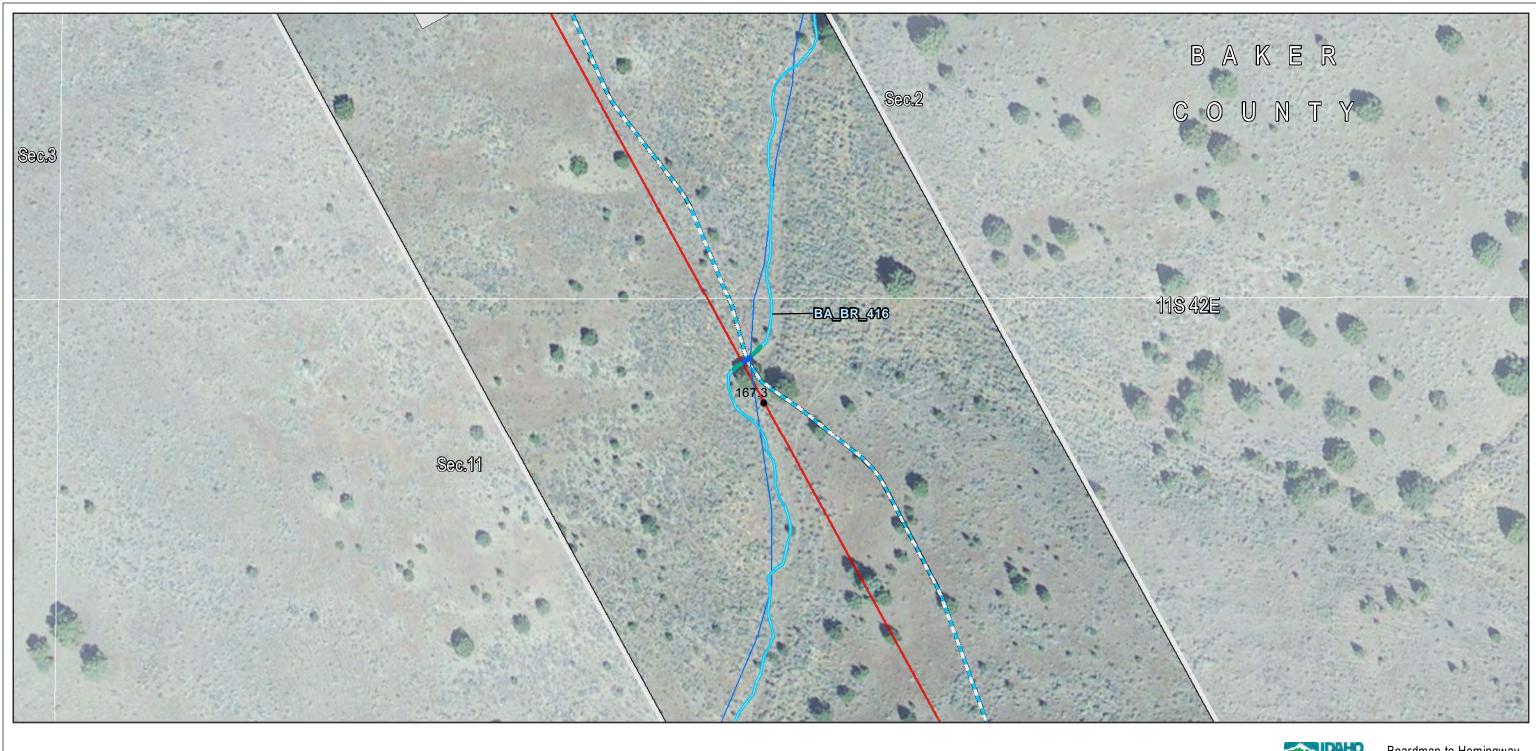
Wetland Impact Type

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-250 **Wetland and Other Waters Joint Permit Application** Detail Maps Baker County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016



Rivers, Streams, and

Work Areas

Structure Work Area

Field Survey Streams

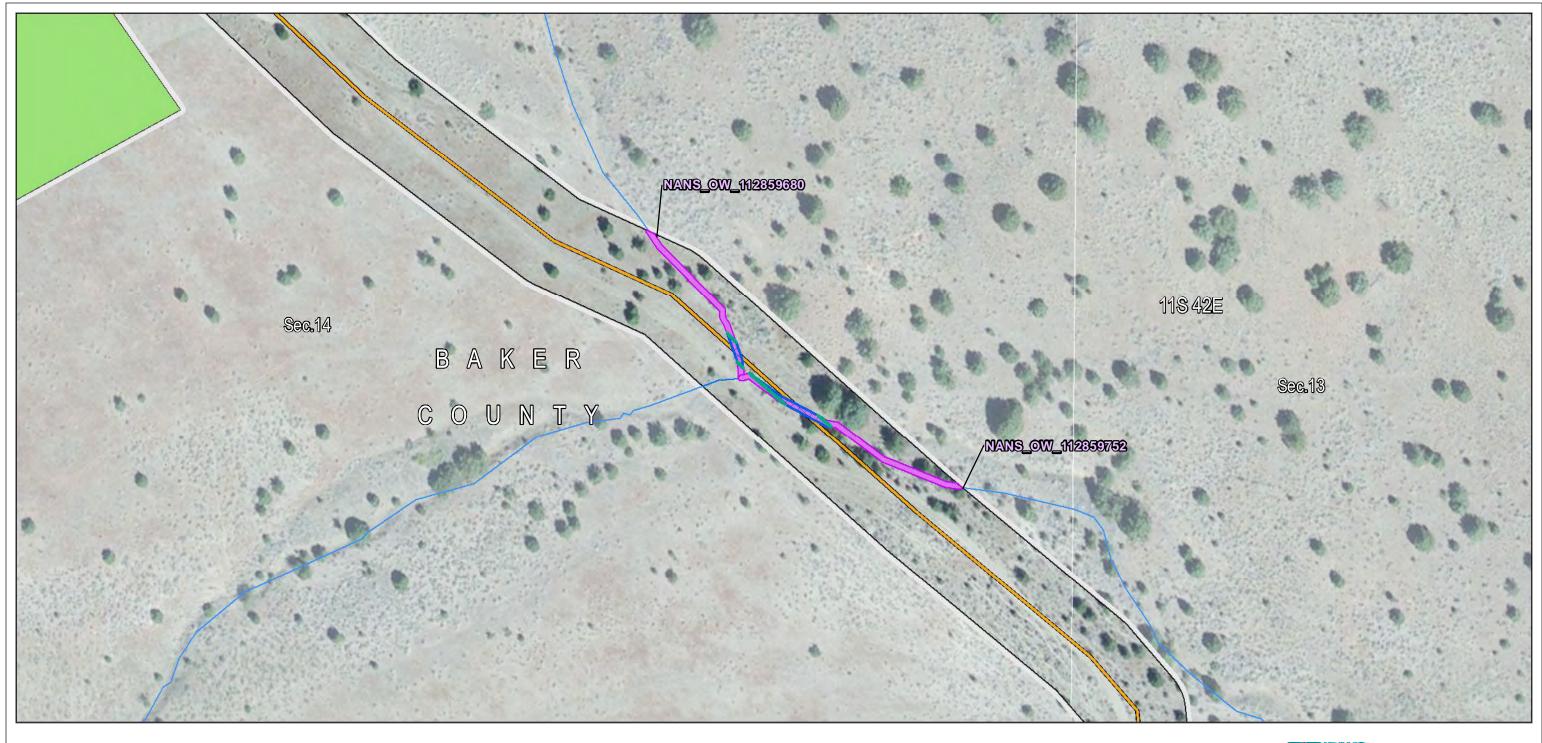
Stream Impact Type

Temporary

Permanent

Boardman to Hemingway
Transmission Line Project

Attachment K-251
Wetland and Other Waters
Joint Permit Application
Detail Maps
Baker County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016



Site Boundary

Proposed Route

Work Areas

Pulling and Tensioning

Construction Access

Existing Road, Substantial
Modification, 21-70%
Improvements

Rivers, Streams, and Canals

Other Waters

NANS Streams (NHD)

Stream Impact Type

Temporary

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-252
Wetland and Other Waters
Joint Permit Application
Detail Maps
Baker County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Site Boundary

Proposed Route

Construction Access

Existing Road, Substantial
Modification, 21-70%
Improvements

Rivers, Streams, and Canals

Other Waters

NANS Streams (NHD)

Stream Impact Type

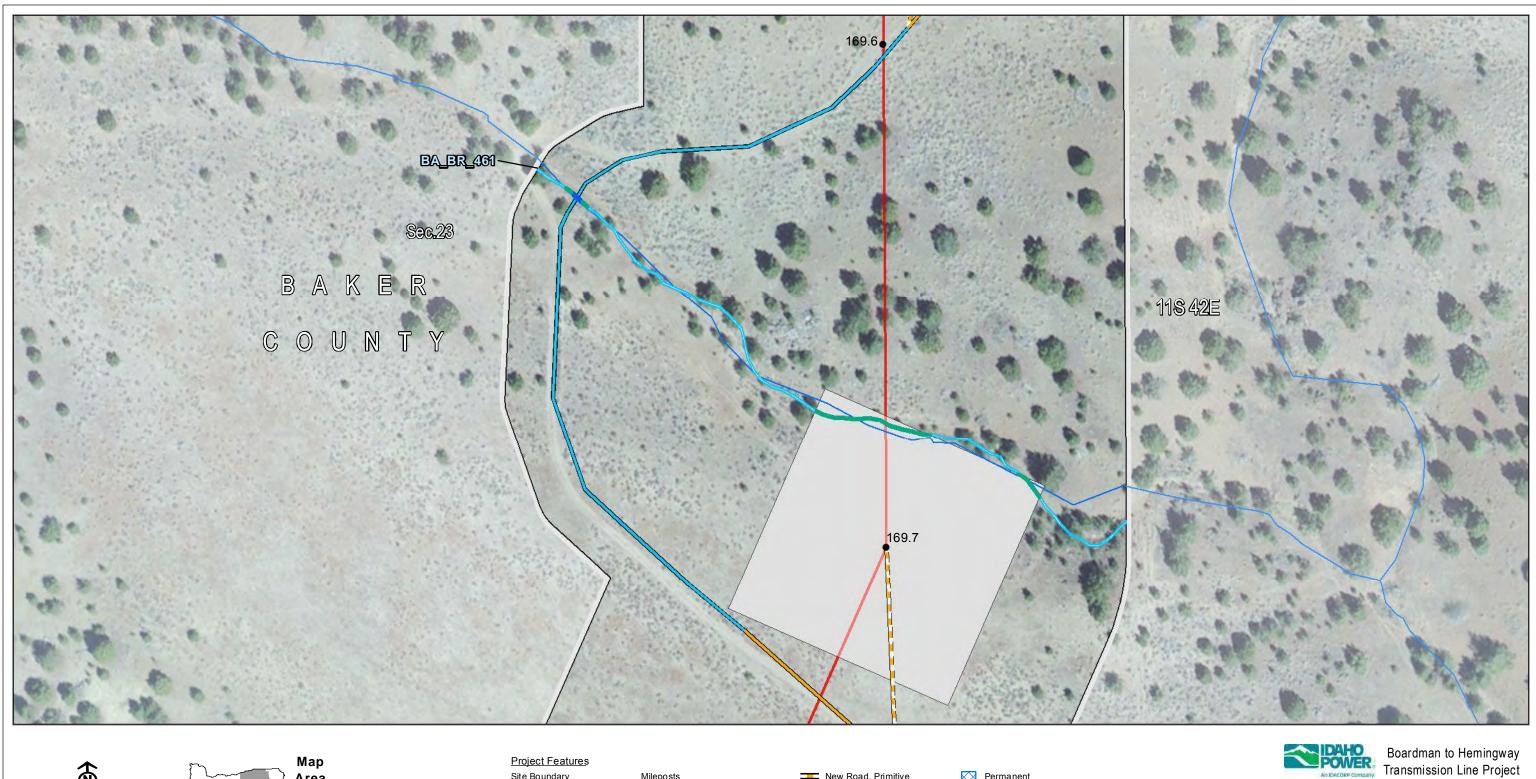
Temporary

Permanent

DAHO POWER :

Boardman to Hemingway Transmission Line Project

Attachment K-253
Wetland and Other Waters
Joint Permit Application
Detail Maps
Baker County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016



Existing Road, Substantial
Modification, 71-100%
Improvements

Work Areas

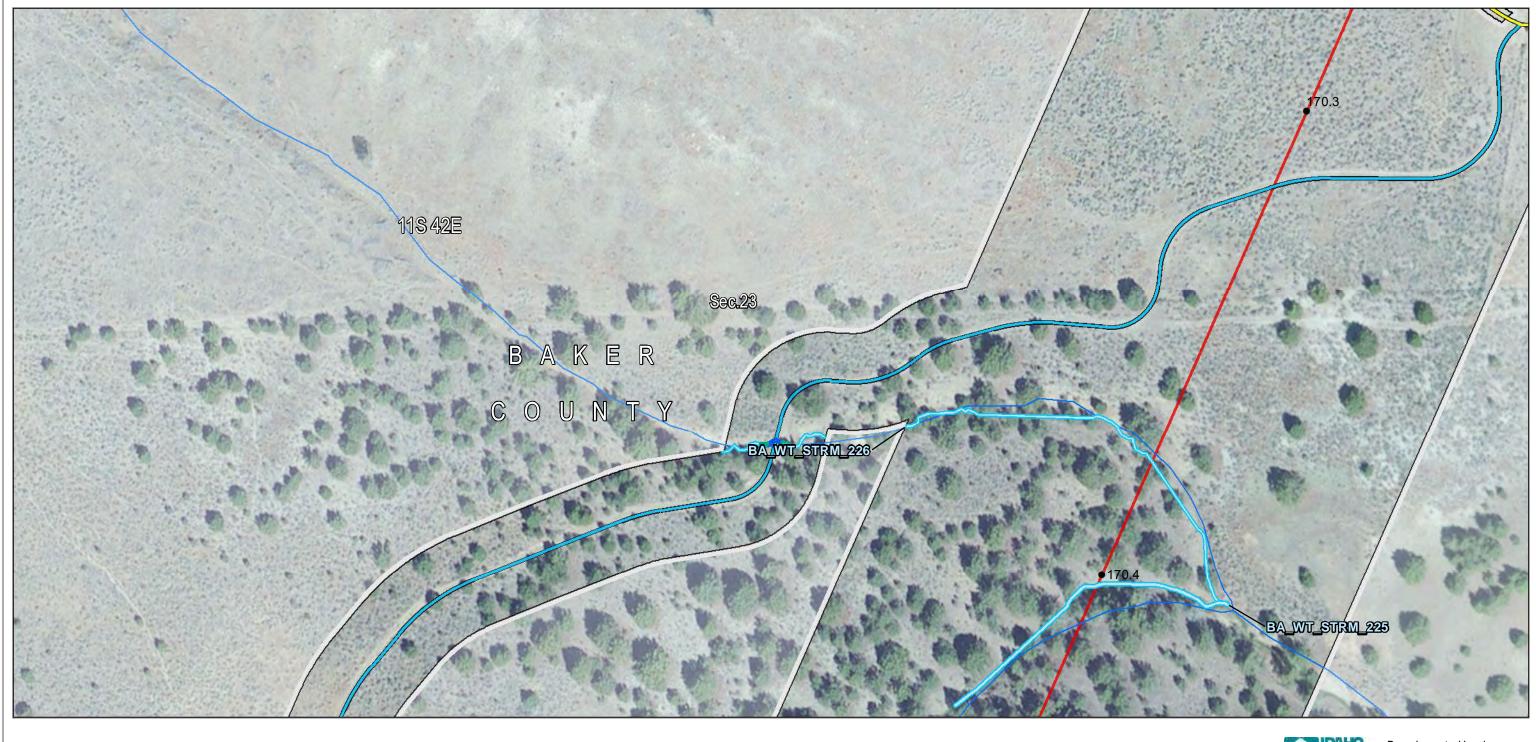
Structure Work Area

Stream Impact Type

Field Survey Streams Temporary



Attachment K-254 **Wetland and Other Waters** Joint Permit Application Detail Maps Baker County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Site Boundary

Proposed Route Route Centerline

Proposed Route

Mileposts

Tenth-mile

Construction Access

Existing Road, No
Substantial Modification, 0-

20% Improvements

Existing Road, Substantial Modification, 71-100%

Rivers, Streams, and Canals

Other Waters

Field Survey Streams

Stream Impact Type

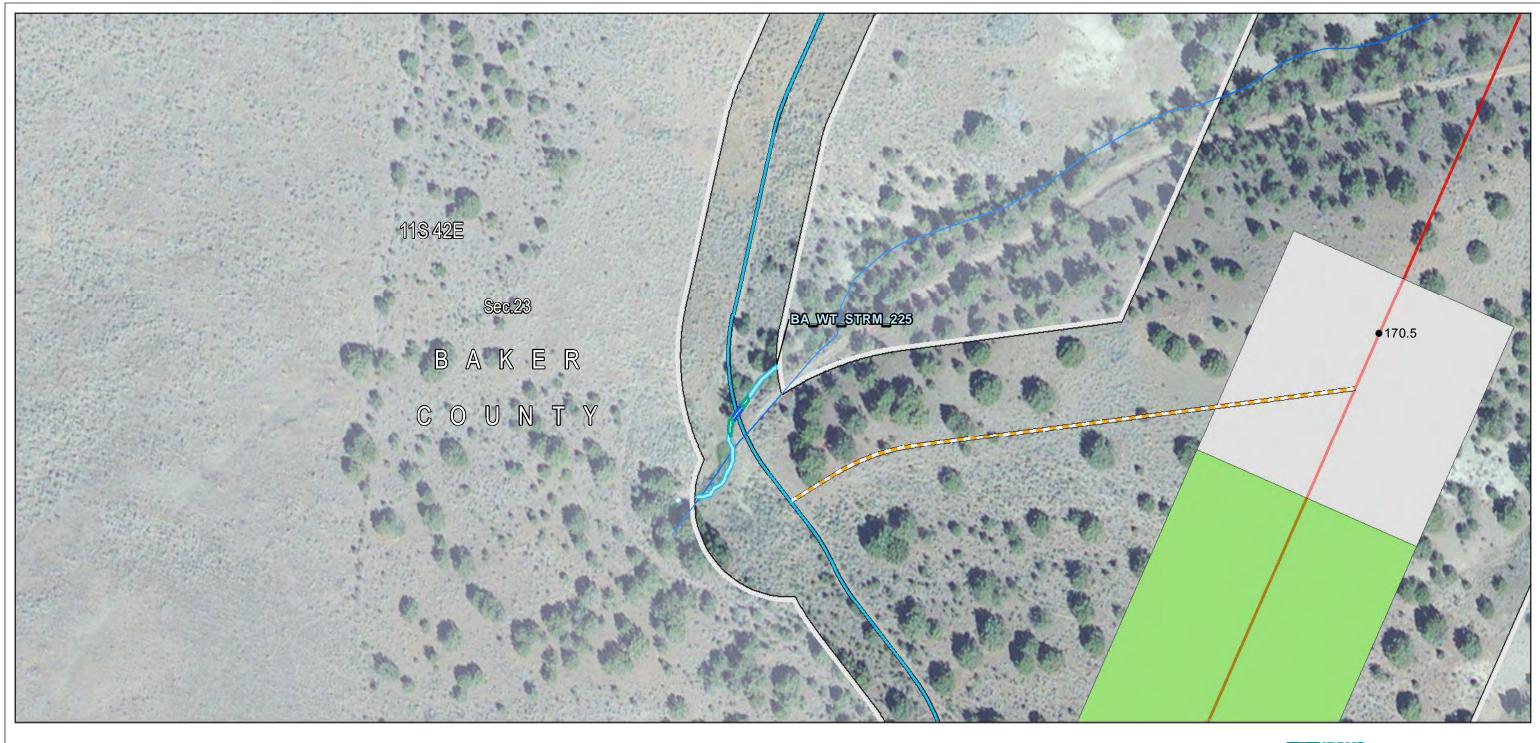
Temporary

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-255 **Wetland and Other Waters Joint Permit Application** Detail Maps Baker County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Site Boundary

Proposed 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

Rivers, Streams, and Canals

Other Waters

Field Survey Streams

Stream Impact Type

Temporary

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-256
Wetland and Other Waters
Joint Permit Application
Detail Maps
Baker County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

<u>Project Features</u> Site Boundary

Proposed Route

Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

Existing Road, Substantial
Modification, 21-70%
Improvements

Rivers, Streams, and Canals

Other Waters

Field Survey Streams

Stream Impact Type

Temporary

Permanent

IDAHO POWER

Boardman to Hemingway Transmission Line Project

Attachment K-257
Wetland and Other Waters
Joint Permit Application
Detail Maps
Baker County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

Rivers, Streams, and Canals

Other Waters

NANS Streams (NHD)

Stream Impact Type

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-258 Wetland and Other Waters Joint Permit Application Detail Maps Baker County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features Site Boundary

Proposed Route

Construction Access

New Road, Bladed

Rivers, Streams, and Canals

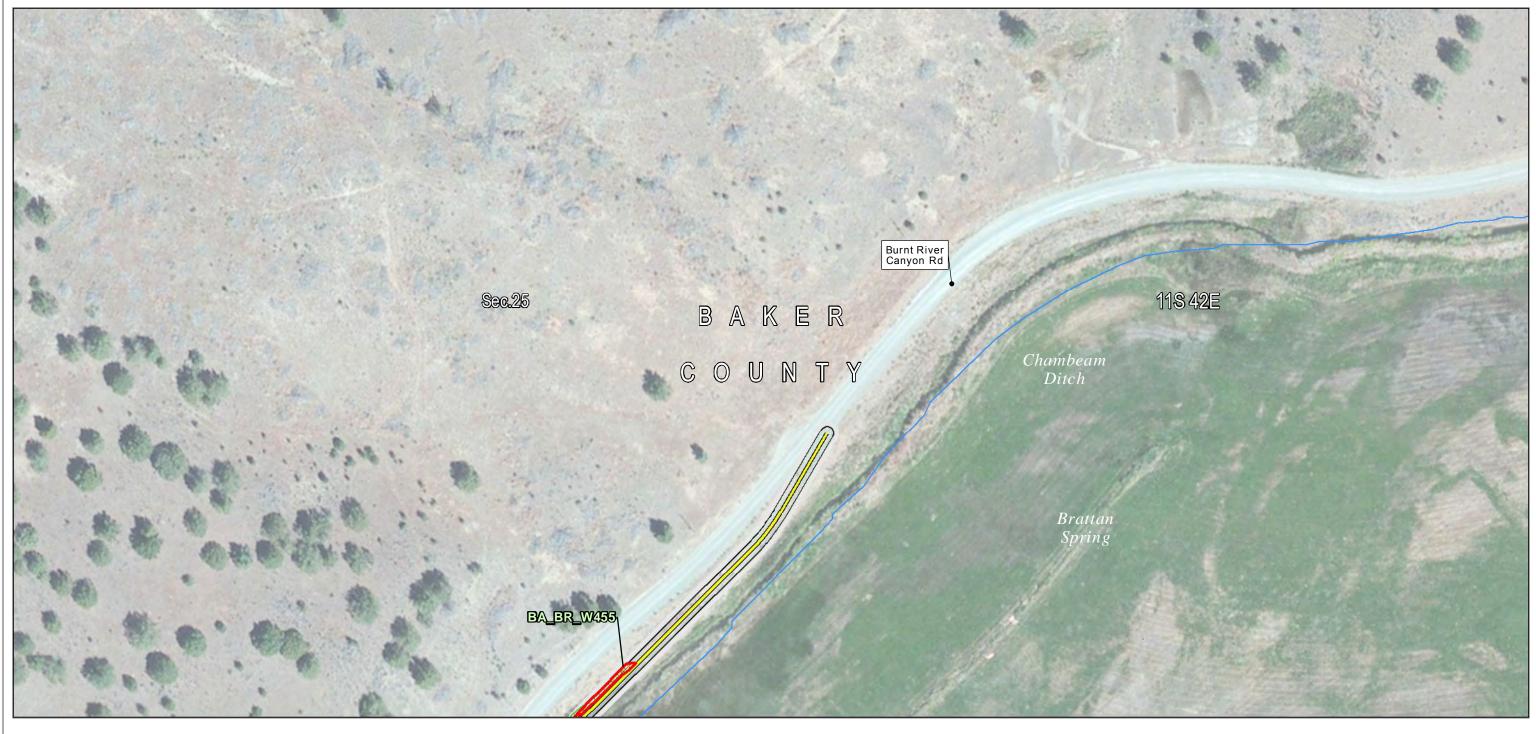
Other Waters

NANS Streams (NHD)

Stream Impact Type

Temporary Permanent

Attachment K-259 **Wetland and Other Waters** Joint Permit Application Detail Maps Baker County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

Rivers, Streams, and Canals

Wetland

Field Survey Wetland

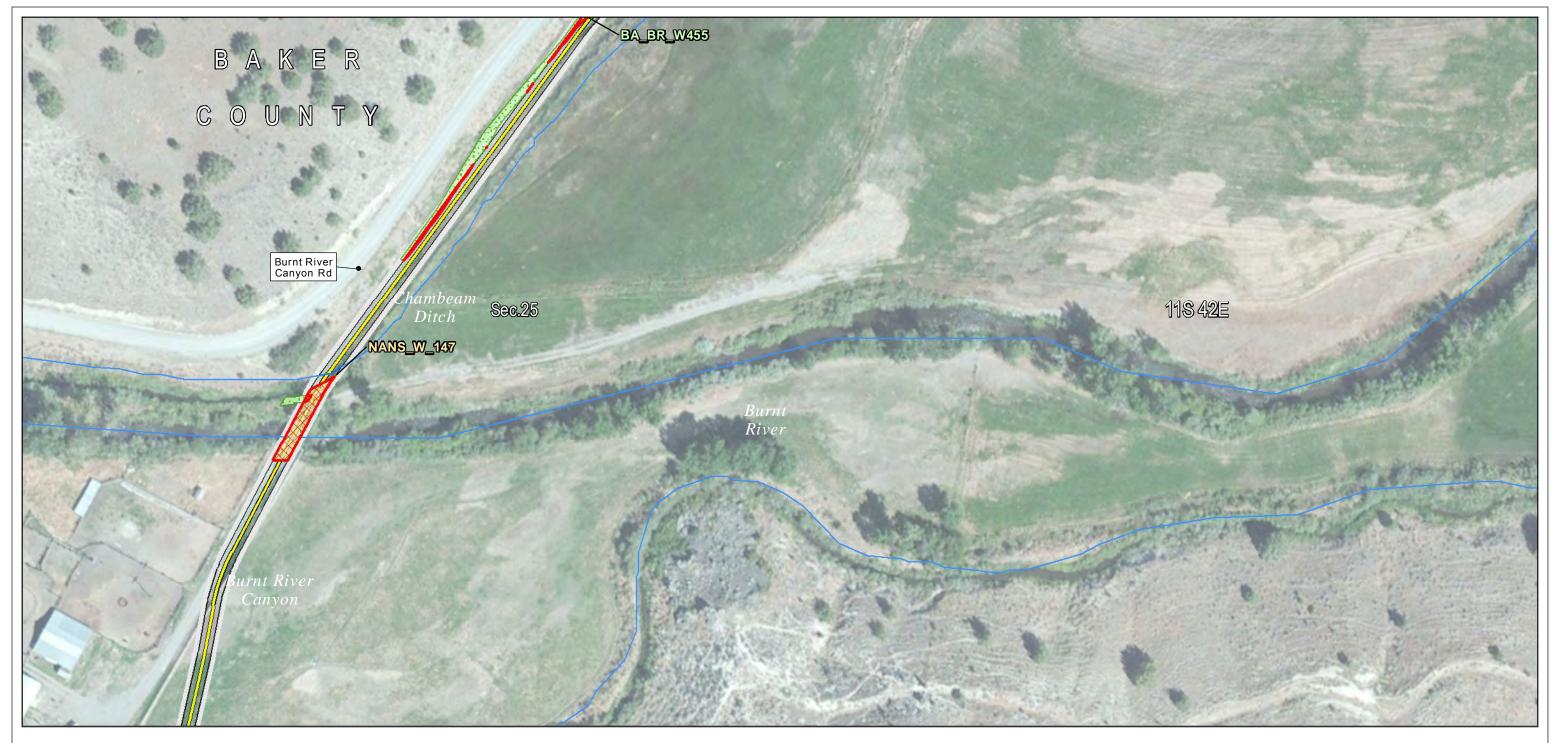
Wetland Impact Type

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-260
Wetland and Other Waters
Joint Permit Application
Detail Maps
Baker County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

Rivers, Streams, and Canals

<u>Wetland</u>

Field Survey Wetland

NANS Wetland (NWI)

Wetland Impact Type

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-261
Wetland and Other Waters
Joint Permit Application
Detail Maps
Baker County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

Rivers, Streams, and Canals

Other Waters

NANS Streams (NHD)

Stream Impact Type

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-262
Wetland and Other Waters
Joint Permit Application
Detail Maps
Baker County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

Rivers, Streams, and Canals

Other Waters

NANS Streams (NHD)

Stream Impact Type

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-263 Wetland and Other Waters Joint Permit Application Detail Maps

Baker County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

Rivers, Streams, and Canals

Other Waters

NANS Streams (NHD)

Stream Impact Type

Permanent

Wetland

NANS Wetland (NWI)

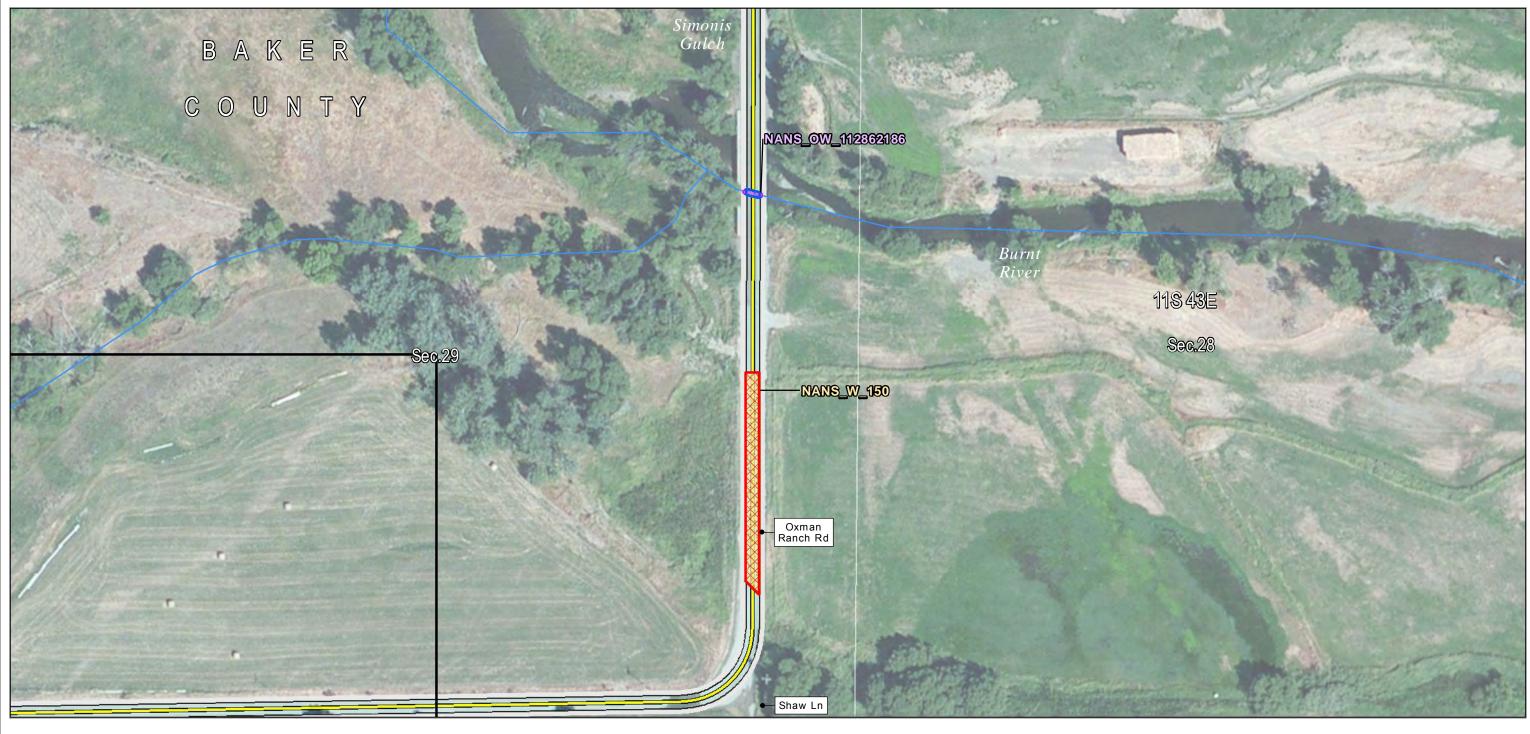
Wetland Impact Type

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-264
Wetland and Other Waters
Joint Permit Application
Detail Maps
Baker County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Construction Access

Existing Road, No
Substantial Modification, 0-20% Improvements

Rivers, Streams, and Canals

Other Waters

NANS Streams (NHD)

Stream Impact Type

Permanent

Wetland

NANS Wetland (NWI)

Wetland Impact Type

Permanent

Boardman to Hemingway Transmission Line Project

Attachment K-265 Wetland and Other Waters Joint Permit Application Detail Maps Baker County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

Rivers, Streams, and Canals

Other Waters

NANS Streams (NHD)

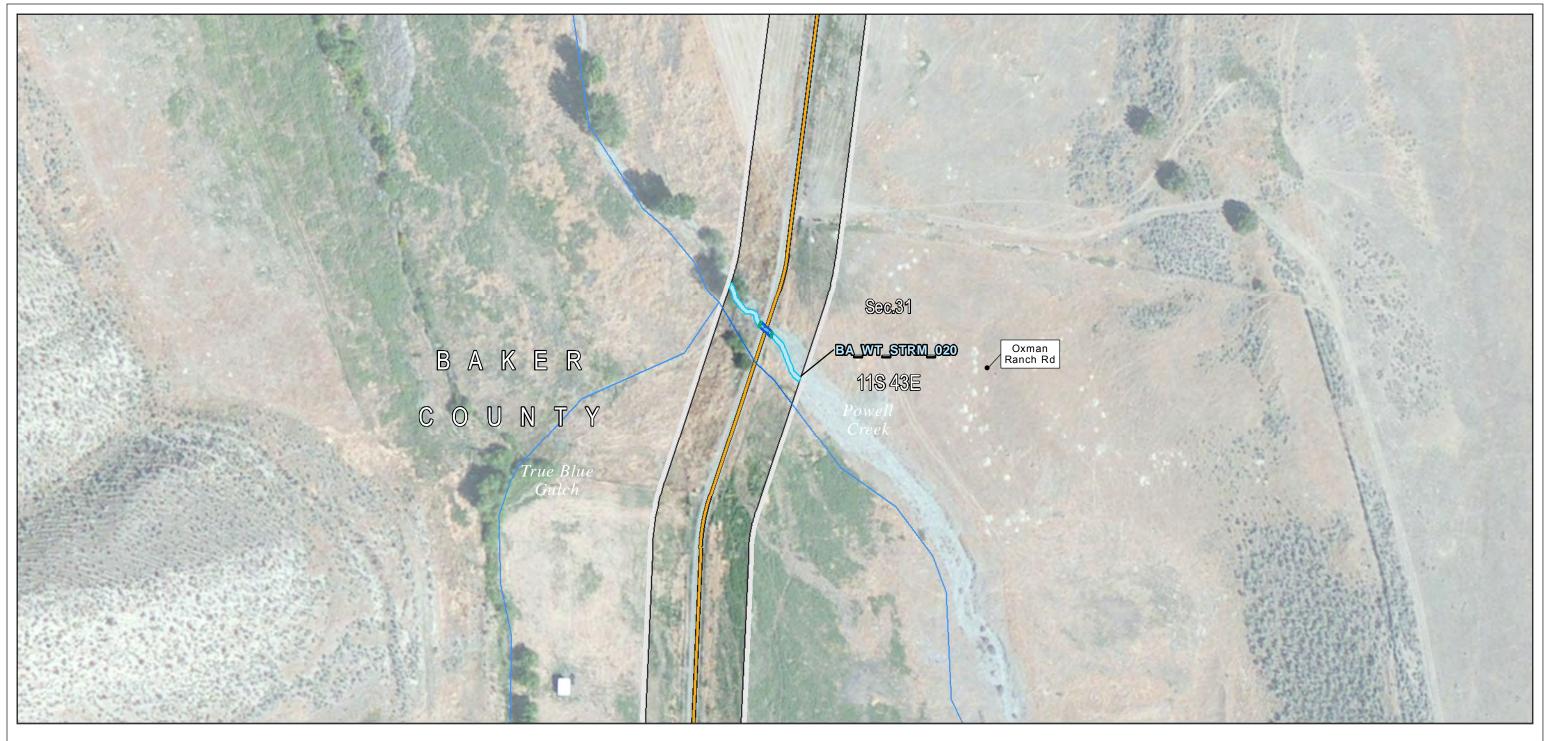
Stream Impact Type

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-266
Wetland and Other Waters
Joint Permit Application
Detail Maps
Baker County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Site Boundary

Proposed Route

Construction Access

Existing Road, Substantial
Modification, 21-70%
Improvements

Rivers, Streams, and Canals

Other Waters

Field Survey Streams

Stream Impact Type

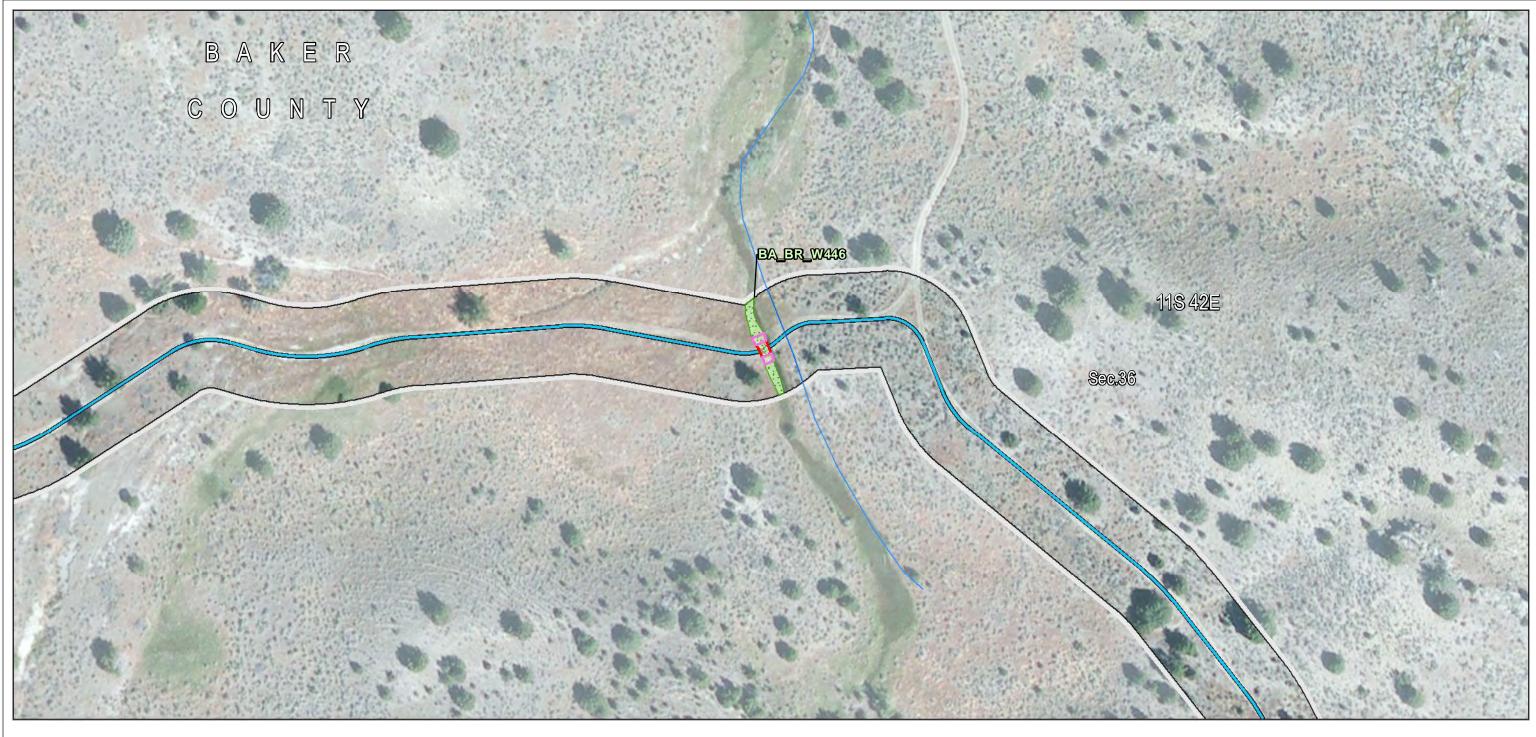
Temporary

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-267
Wetland and Other Waters
Joint Permit Application
Detail Maps
Baker County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Site Boundary

Proposed Route

Construction Access

Existing Road, Substantial
Modification, 71-100%
Improvements

Rivers, Streams, and

Wetland

Field Survey Wetland

Wetland Impact Type

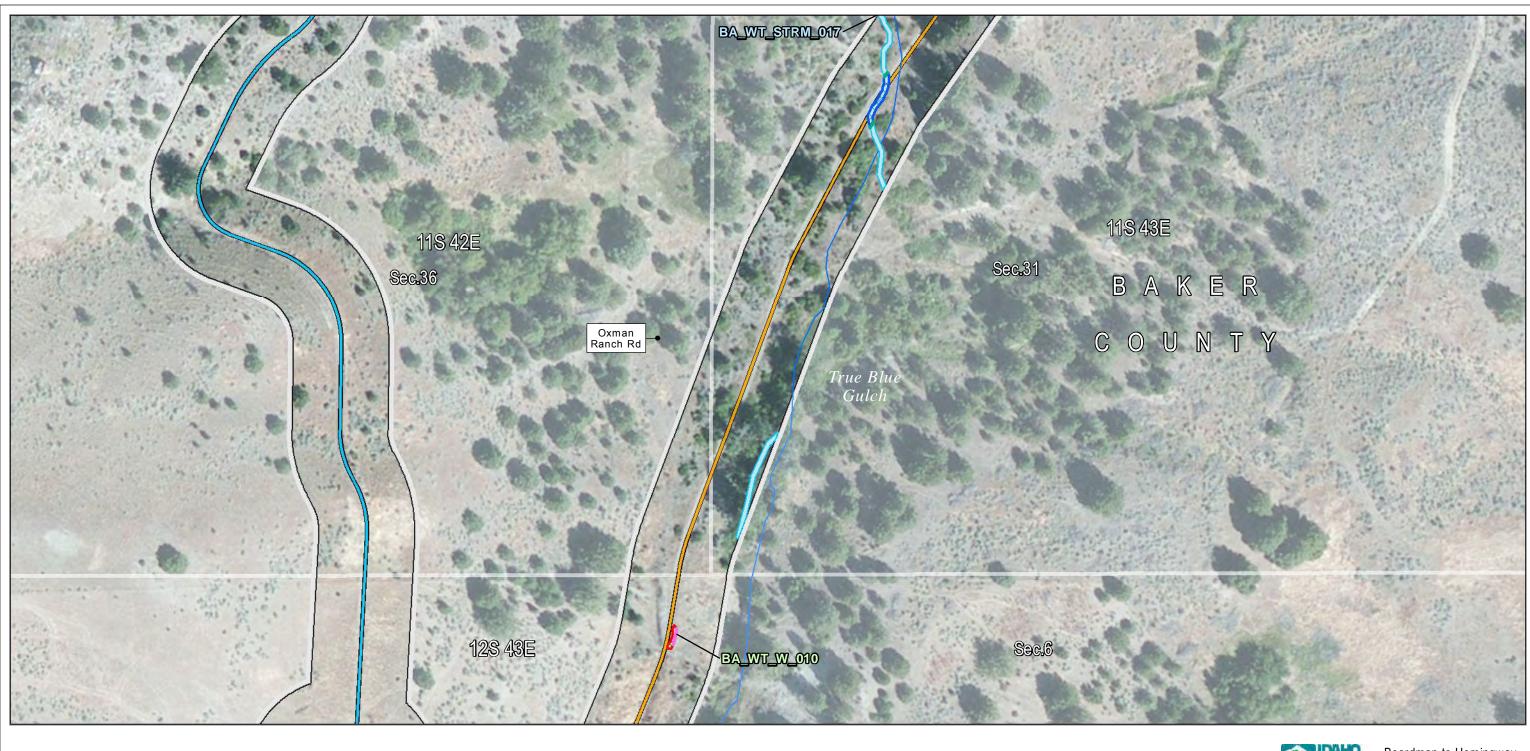
Temporary

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-268
Wetland and Other Waters
Joint Permit Application
Detail Maps
Baker County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features Site Boundary

Proposed Route

Construction Access

Existing Road, Substantial Modification, 21-70% Improvements

Existing Road, Substantial Modification, 71-100% Improvements

Rivers, Streams, and Canals

Other Waters

Field Survey Streams

Stream Impact Type

Temporary Permanent Wetland

Field Survey Wetland

Wetland Impact Type

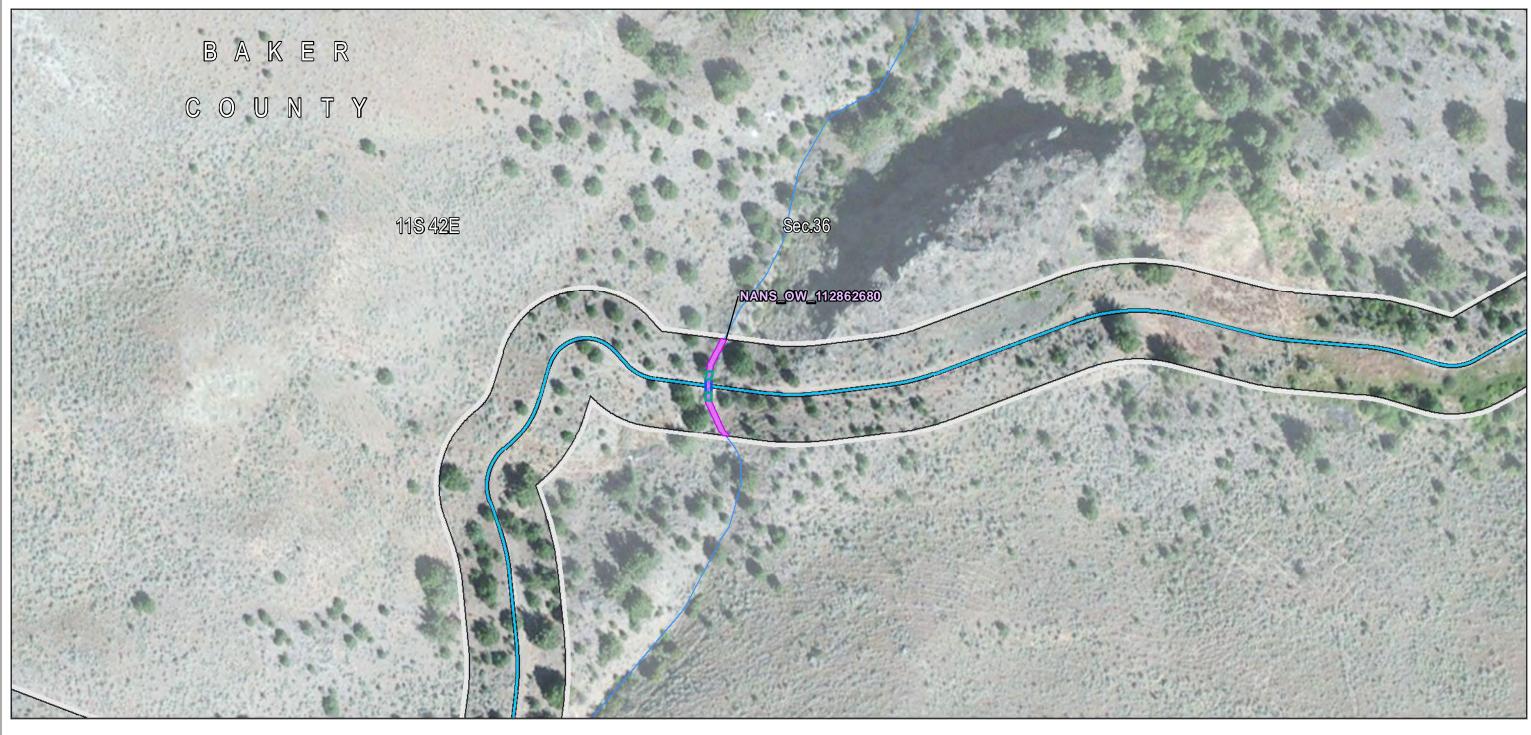
Temporary

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-269 Wetland and Other Waters Joint Permit Application Detail Maps Baker County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Site Boundary

Proposed Route

Construction Access

Existing Road, Substantial
Modification, 71-100%
Improvements

Rivers, Streams, and

Other Waters

NANS Streams (NHD)

Stream Impact Type

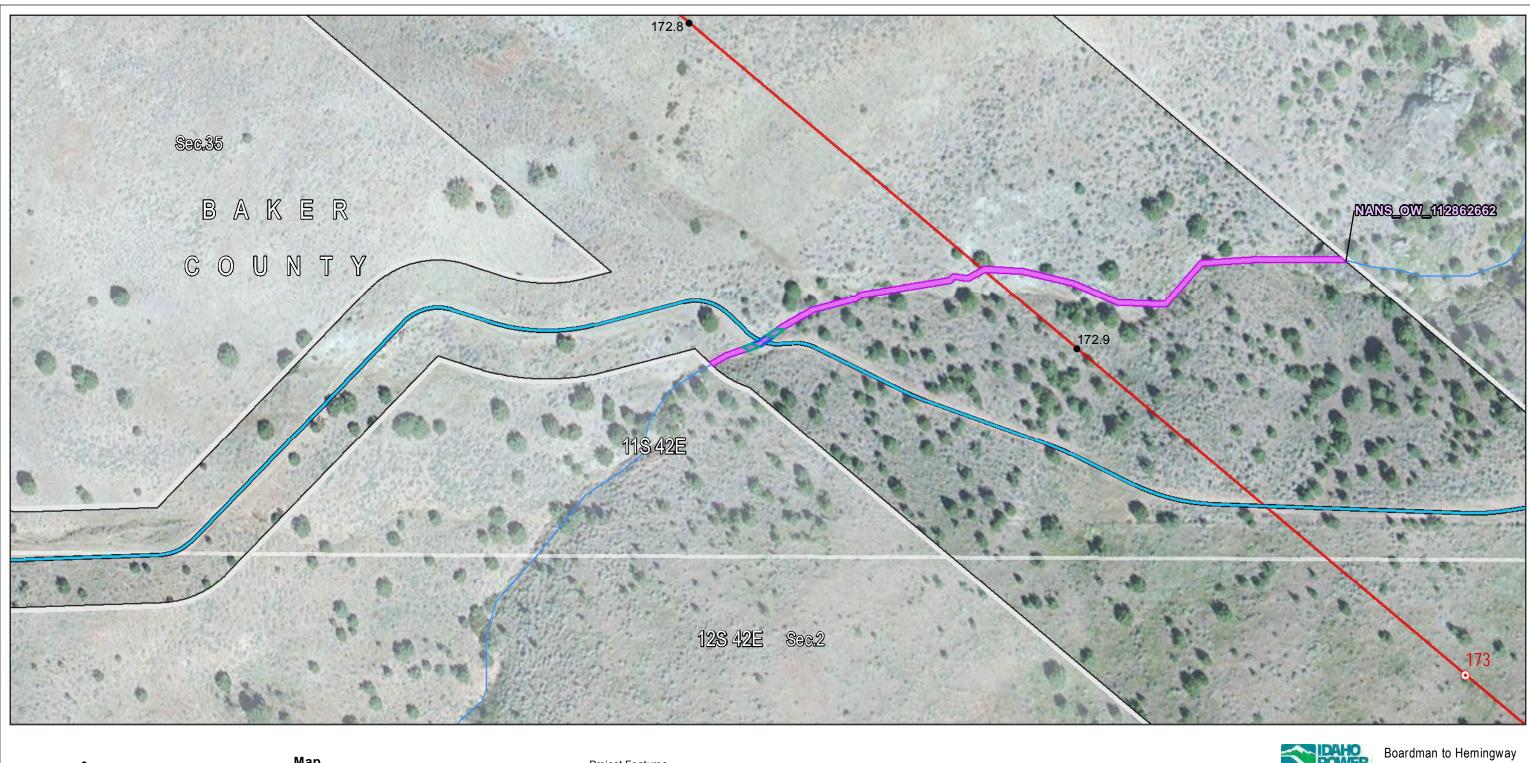
Temporary

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-270
Wetland and Other Waters
Joint Permit Application
Detail Maps
Baker County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Site Boundary

Proposed Route Route Centerline

- Proposed Route

Mileposts

Mile

Tenth-mile

Construction Access

Existing Road, Substantial Modification, 71-100%

Rivers, Streams, and Canals

Other Waters

NANS Streams (NHD)

Stream Impact Type

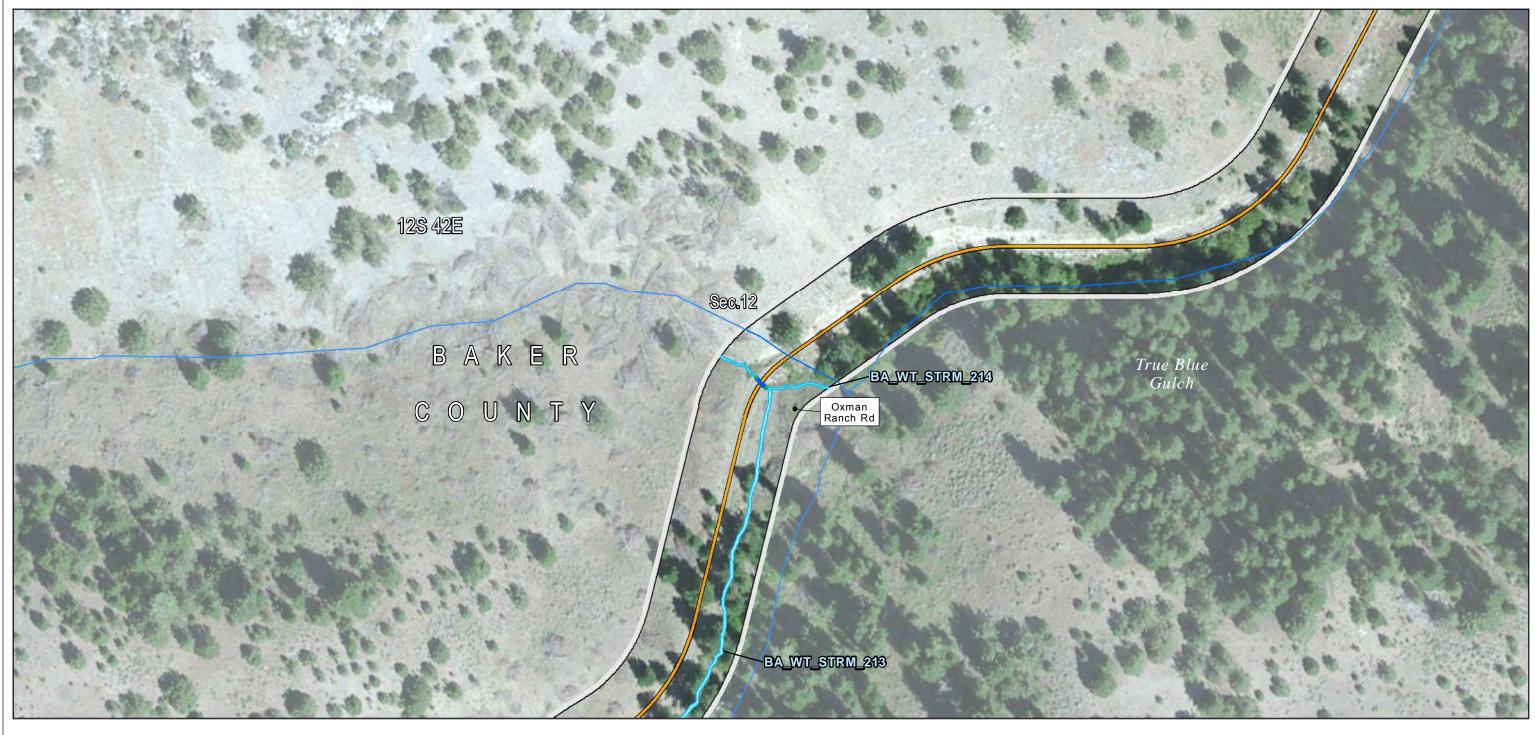
Temporary

Permanent



Transmission Line Project

Attachment K-271 Wetland and Other Waters Joint Permit Application Detail Maps Baker County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Site Boundary

Proposed Route

Construction Access

Existing Road, Substantial
Modification, 21-70%
Improvements

Rivers, Streams, and Canals

Other Waters

Field Survey Streams

Stream Impact Type

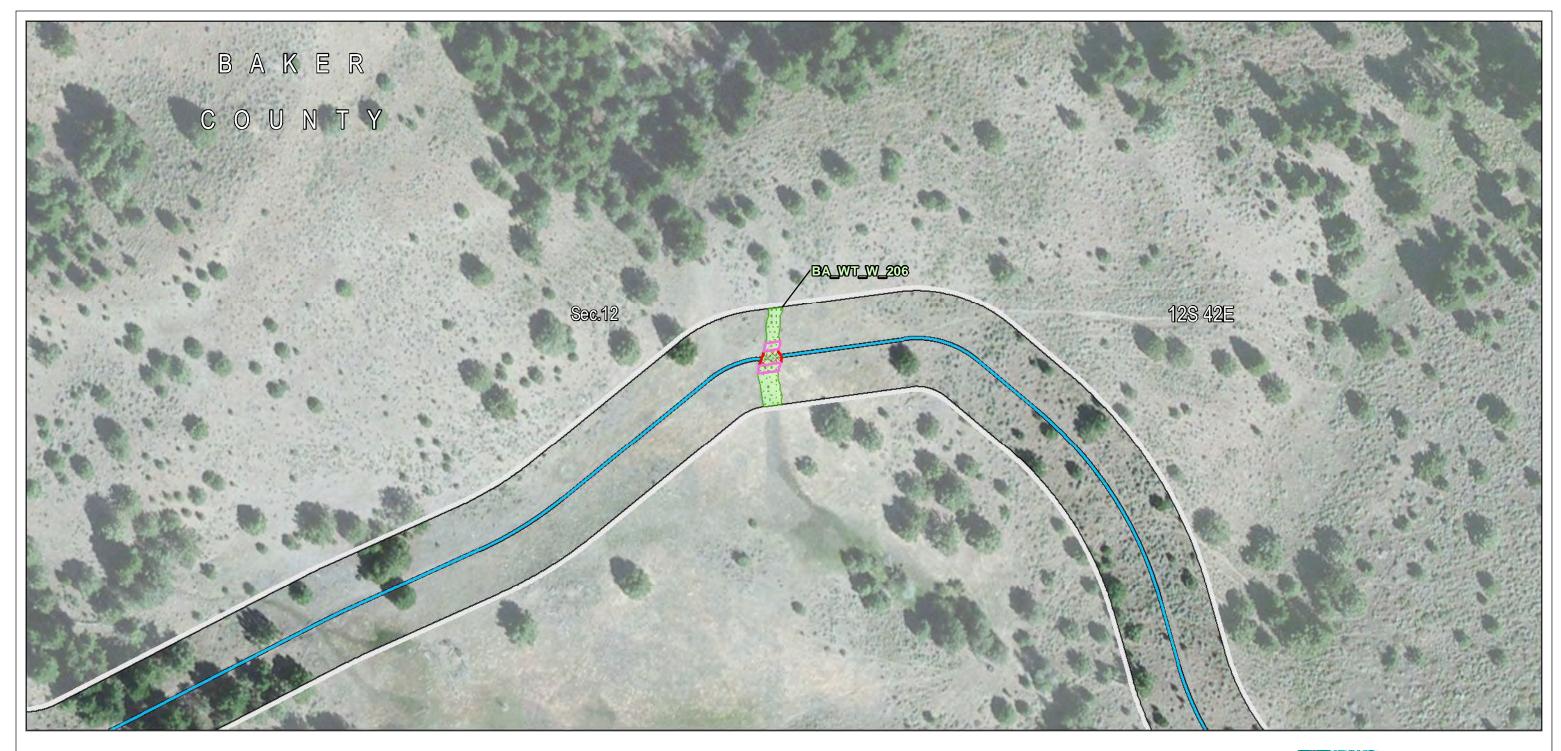
Temporary

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-272
Wetland and Other Waters
Joint Permit Application
Detail Maps
Baker County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Site Boundary

Proposed Route

Construction Access

Existing Road, Substantial
Modification, 71-100%
Improvements

Rivers, Streams, and

Wetland

Field Survey Wetland

Wetland Impact Type

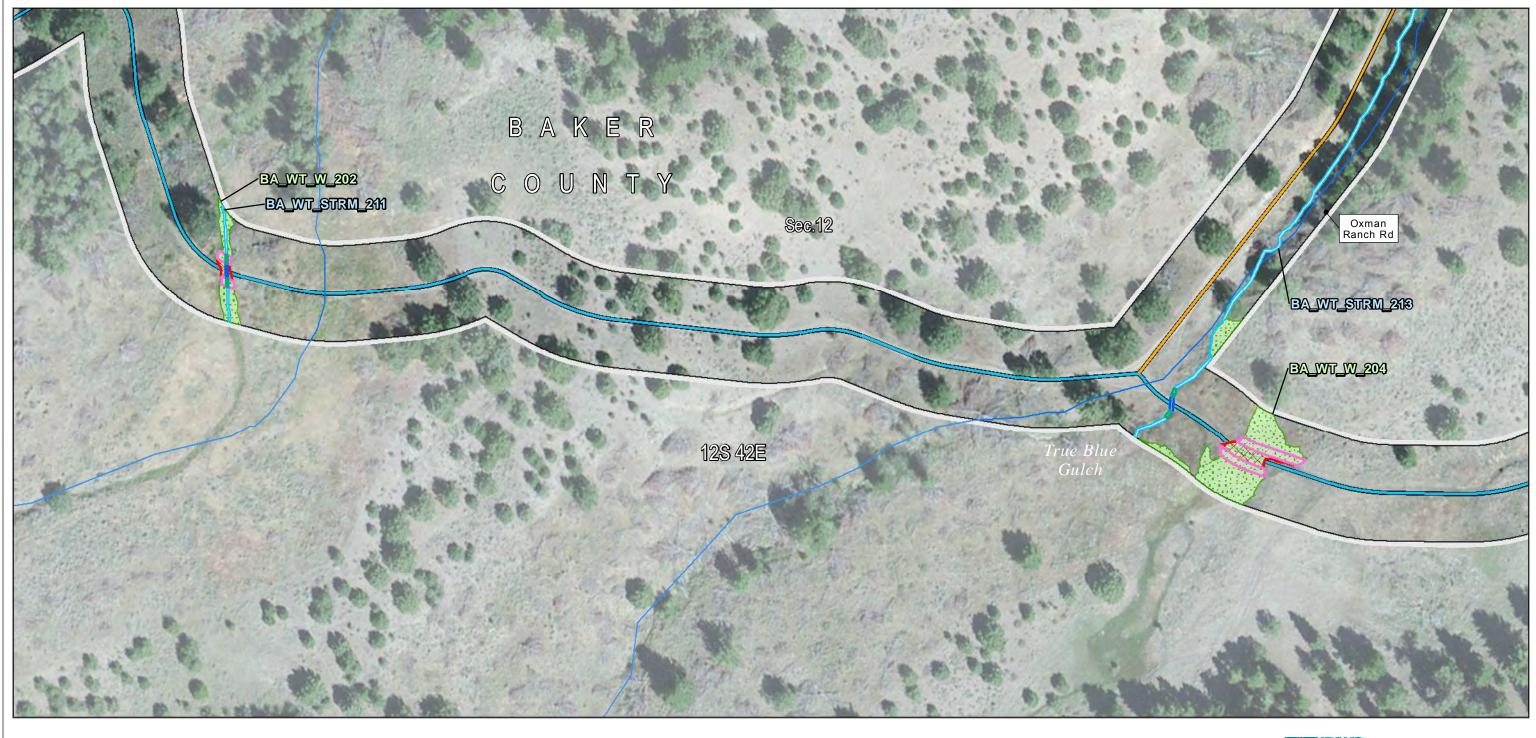
Temporary

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-273
Wetland and Other Waters
Joint Permit Application
Detail Maps
Baker County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features Site Boundary

Proposed Route

Construction Access

Existing Road, Substantial Modification, 21-70% Improvements

Existing Road, Substantial
Modification, 71-100%
Improvements

Rivers, Streams, and

Canals

Other Waters

Field Survey Streams

Stream Impact Type

Temporary Permanent

Wetland

Field Survey Wetland

Wetland Impact Type

Temporary

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-274 Wetland and Other Waters Joint Permit Application Detail Maps Baker County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Site Boundary

Proposed Route

Construction Access

Existing Road, Substantial
Modification, 21-70%

Rivers, Streams, and Canals

Other Waters

Field Survey Streams

Stream Impact Type

Temporary

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-275
Wetland and Other Waters
Joint Permit Application
Detail Maps
Baker County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Site Boundary

Proposed Route

Construction Access

Existing Road, Substantial
Modification, 21-70%
Improvements

Rivers, Streams, and Canals

Other Waters

Field Survey Streams

Stream Impact Type

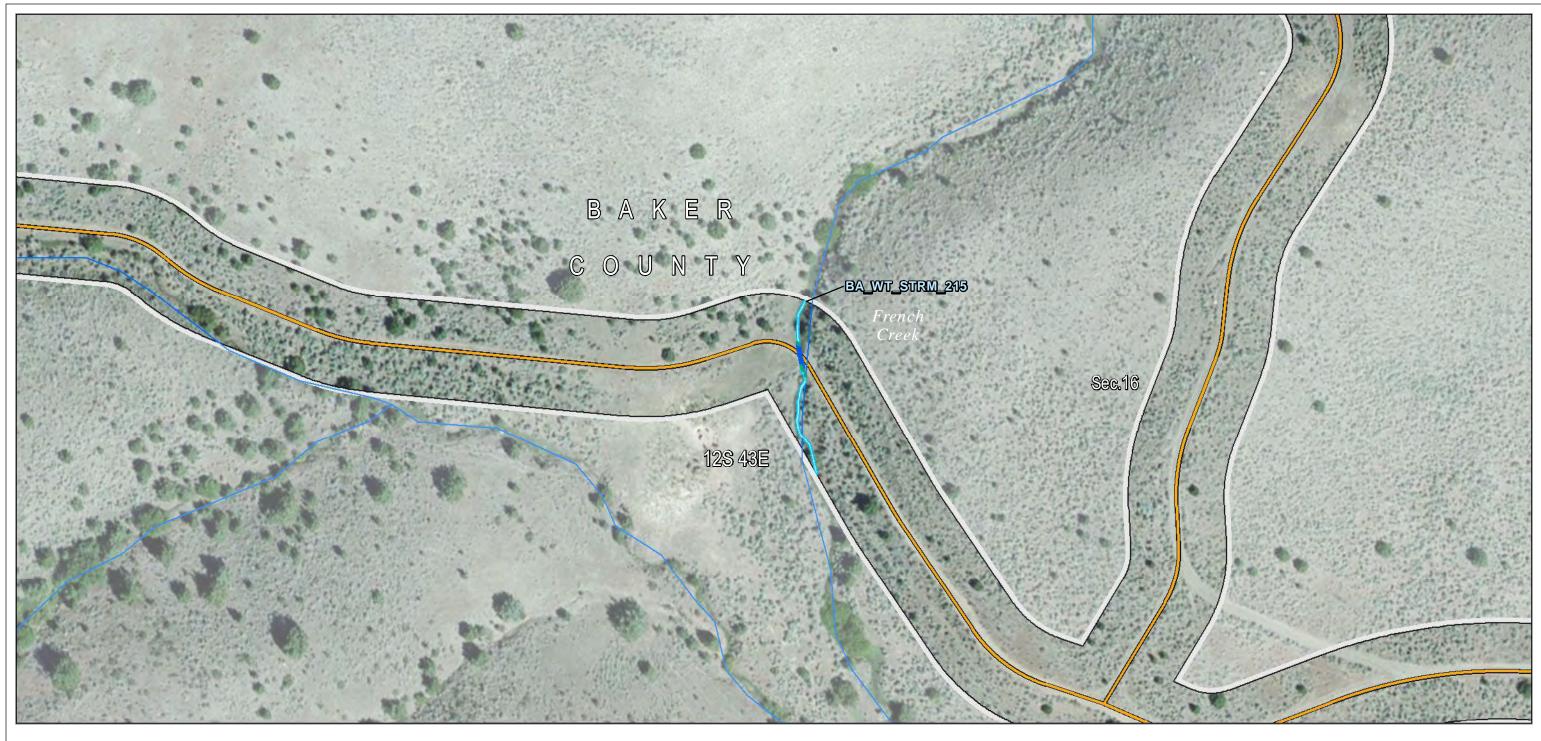
Temporary

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-276
Wetland and Other Waters
Joint Permit Application
Detail Maps
Baker County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Site Boundary

Proposed Route

Construction Access

Existing Road, Substantial
Modification, 21-70%

Rivers, Streams, and Canals

Other Waters

Field Survey Streams

Stream Impact Type

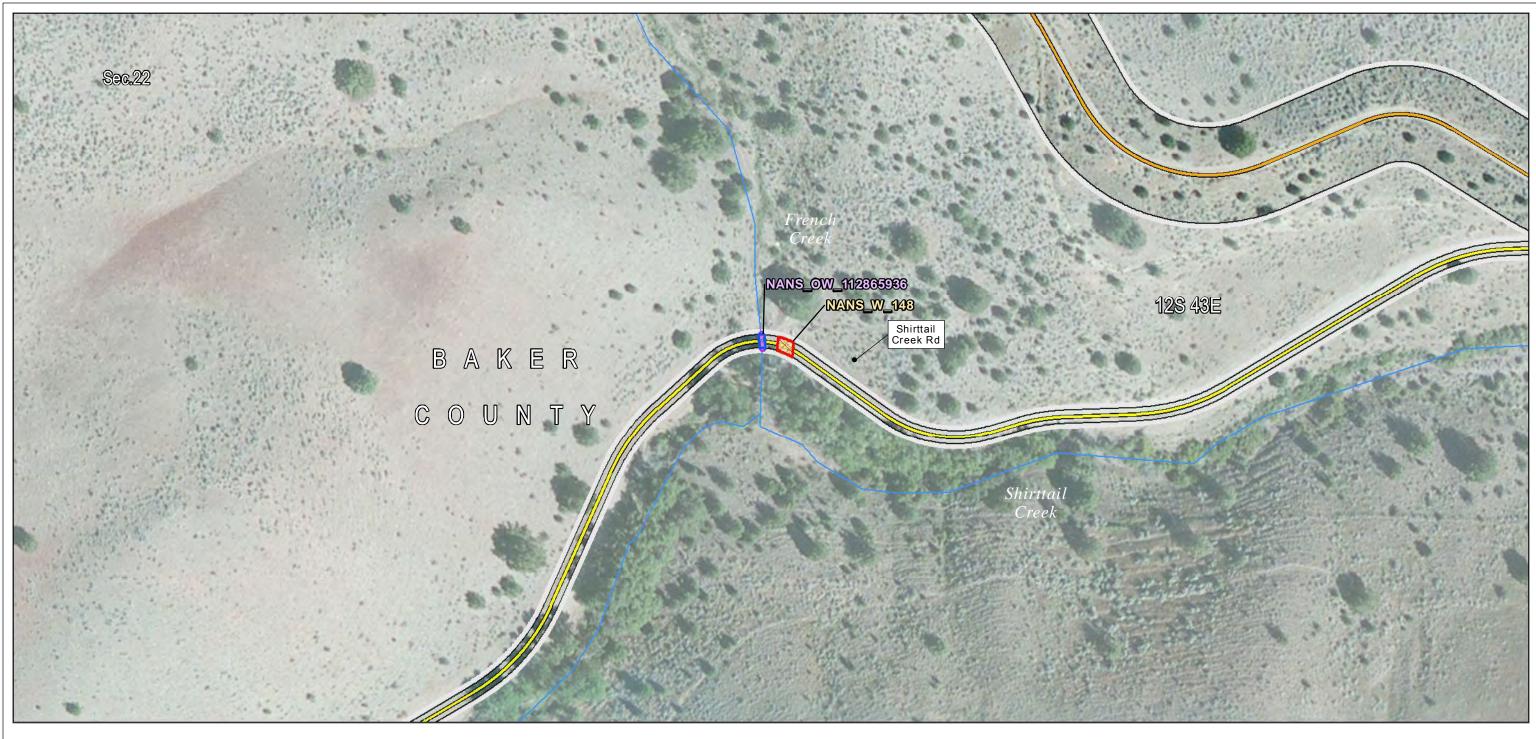
Temporary

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-277
Wetland and Other Waters
Joint Permit Application
Detail Maps
Baker County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

<u>Project Features</u> Site Boundary

Proposed Route

Construction Access

Existing Road, No
Substantial Modification, 020% Improvements

Existing Road, Substantial
Modification, 21-70%
Improvements

Rivers, Streams, and Canals

Other Waters

NANS Streams (NHD)

Stream Impact Type

Permanent

Wetland

NANS Wetland (NWI)

Wetland Impact Type

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-278
Wetland and Other Waters
Joint Permit Application
Detail Maps
Baker County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

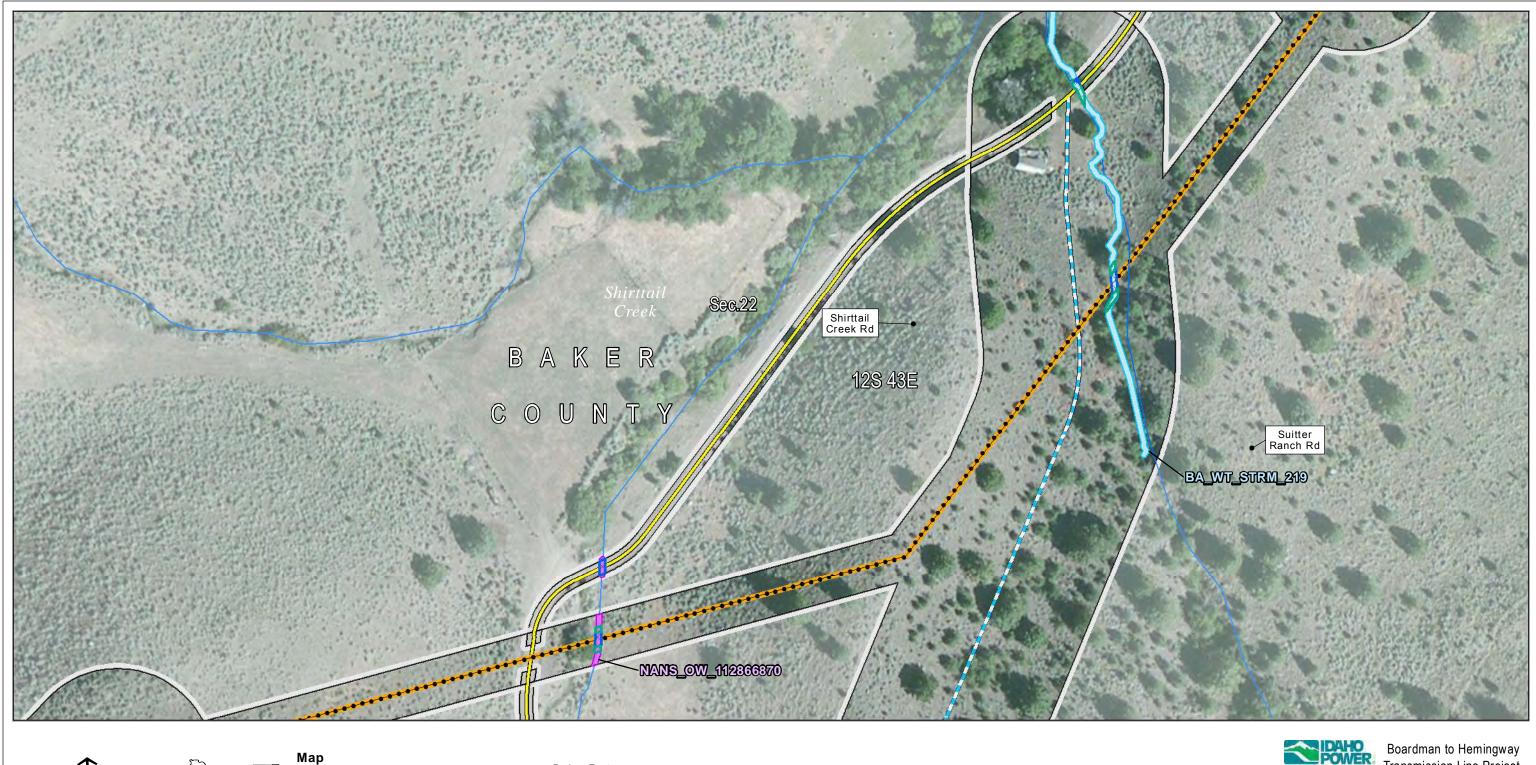


Canals

POWER Tr

Boardman to Hemingway Transmission Line Project

Attachment K-279
Wetland and Other Waters
Joint Permit Application
Detail Maps
Baker County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

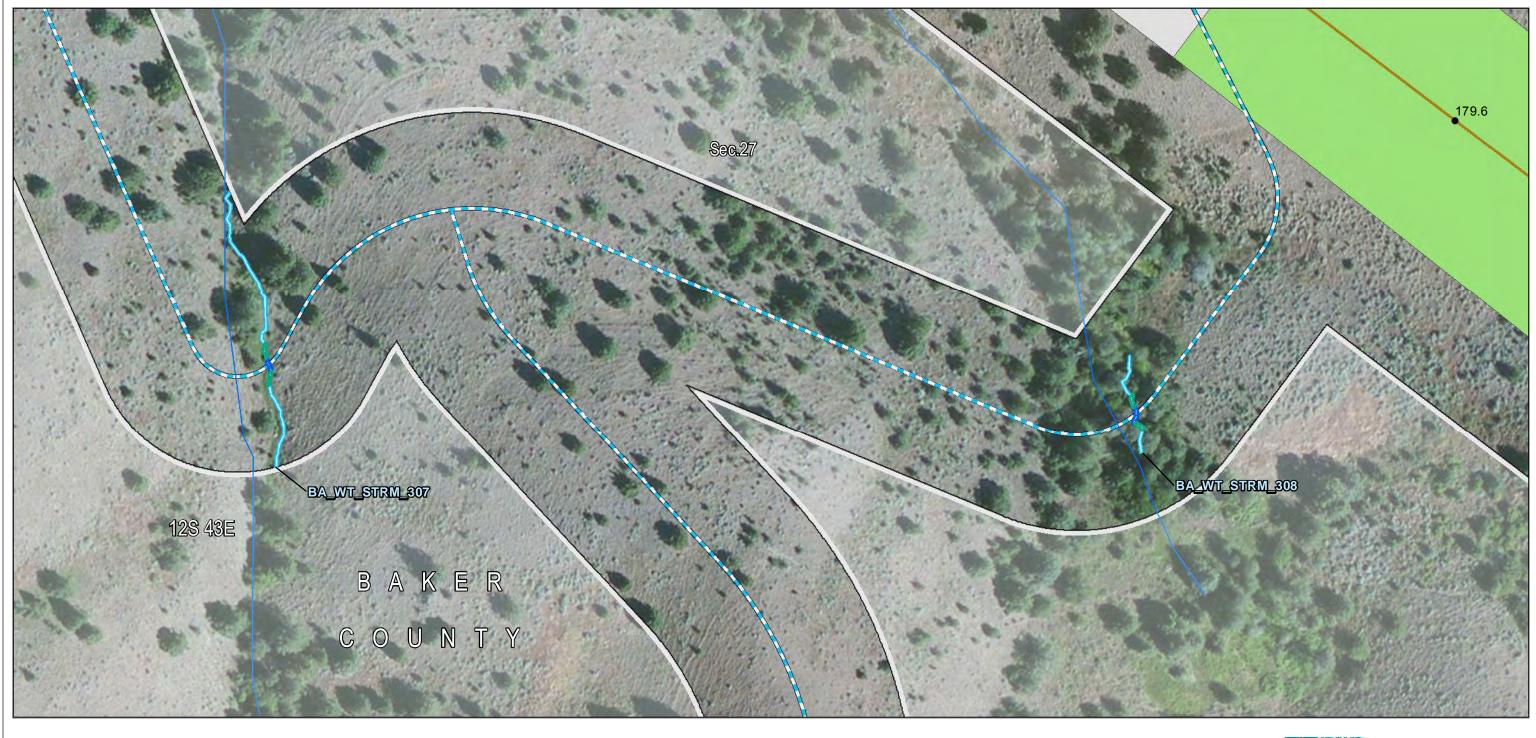
December 2016





Transmission Line Project

Attachment K-280 **Wetland and Other Waters Joint Permit Application** Detail Maps Baker County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Site Boundary

Proposed Route
Route Centerline

Proposed Route

Work Areas

Pulling and Tensioning

Structure Work Area

Construction Access

New Road, Bladed

Tenth-mile

Mileposts

Rivers, Streams, and Canals

Other Waters

Field Survey Streams

Stream Impact Type

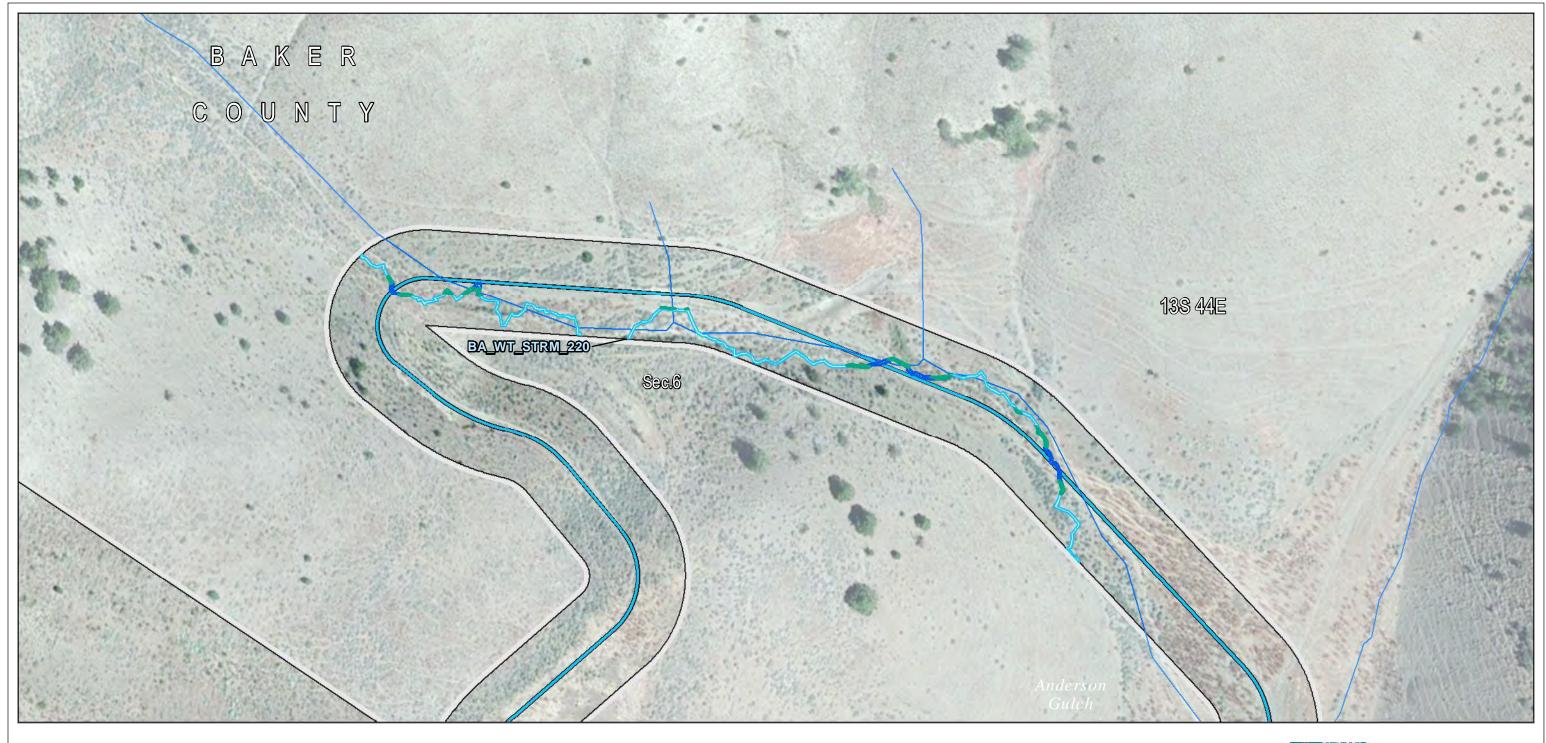
Temporary

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-281
Wetland and Other Waters
Joint Permit Application
Detail Maps
Baker County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Site Boundary

Proposed Route

Construction Access

Existing Road, Substantial
Modification, 71-100%
Improvements

Rivers, Streams, and Canals

Other Waters

Field Survey Streams

Stream Impact Type

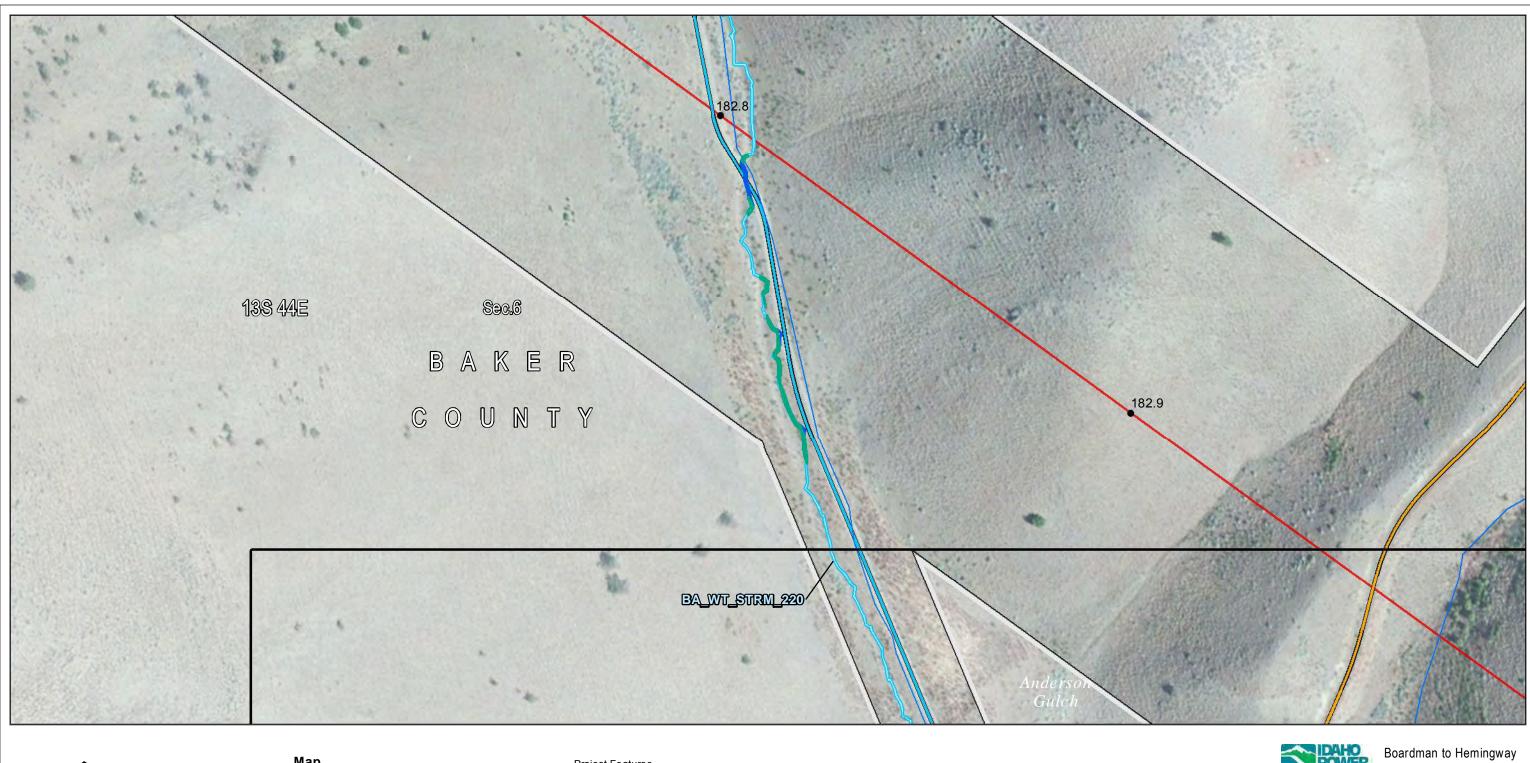
Temporary

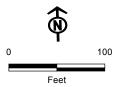
Permanent

DAHO POWER:

Boardman to Hemingway Transmission Line Project

Attachment K-282
Wetland and Other Waters
Joint Permit Application
Detail Maps
Baker County







Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Site Boundary

Proposed Route Route Centerline

Proposed Route Mileposts

Tenth-mile

Construction Access

Existing Road, Substantial
Modification, 21-70%

Existing Road, Substantial Modification, 71-100% Improvements

Rivers, Streams, and Canals

Other Waters

Field Survey Streams

Stream Impact Type

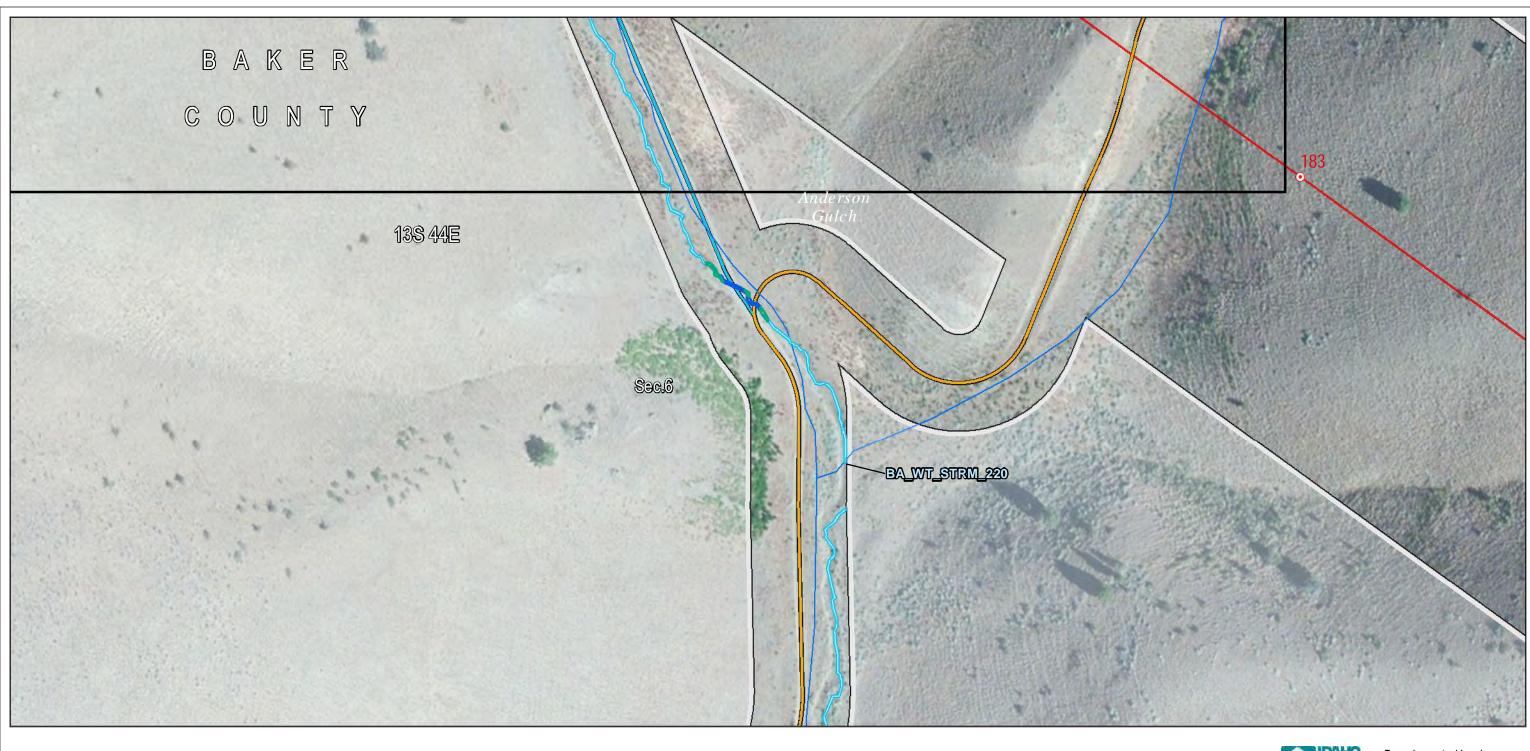
Temporary

Permanent



Transmission Line Project

Attachment K-283 Wetland and Other Waters Joint Permit Application Detail Maps Baker County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Site Boundary

Proposed Route
Route Centerline

Proposed Route
Mileposts

Mile

Construction Access

Existing Road, Substantial
Modification, 21-70%

Existing Road, Substantial
Modification, 71-100%

Rivers, Streams, and Canals

Other Waters

Field Survey Streams

Stream Impact Type

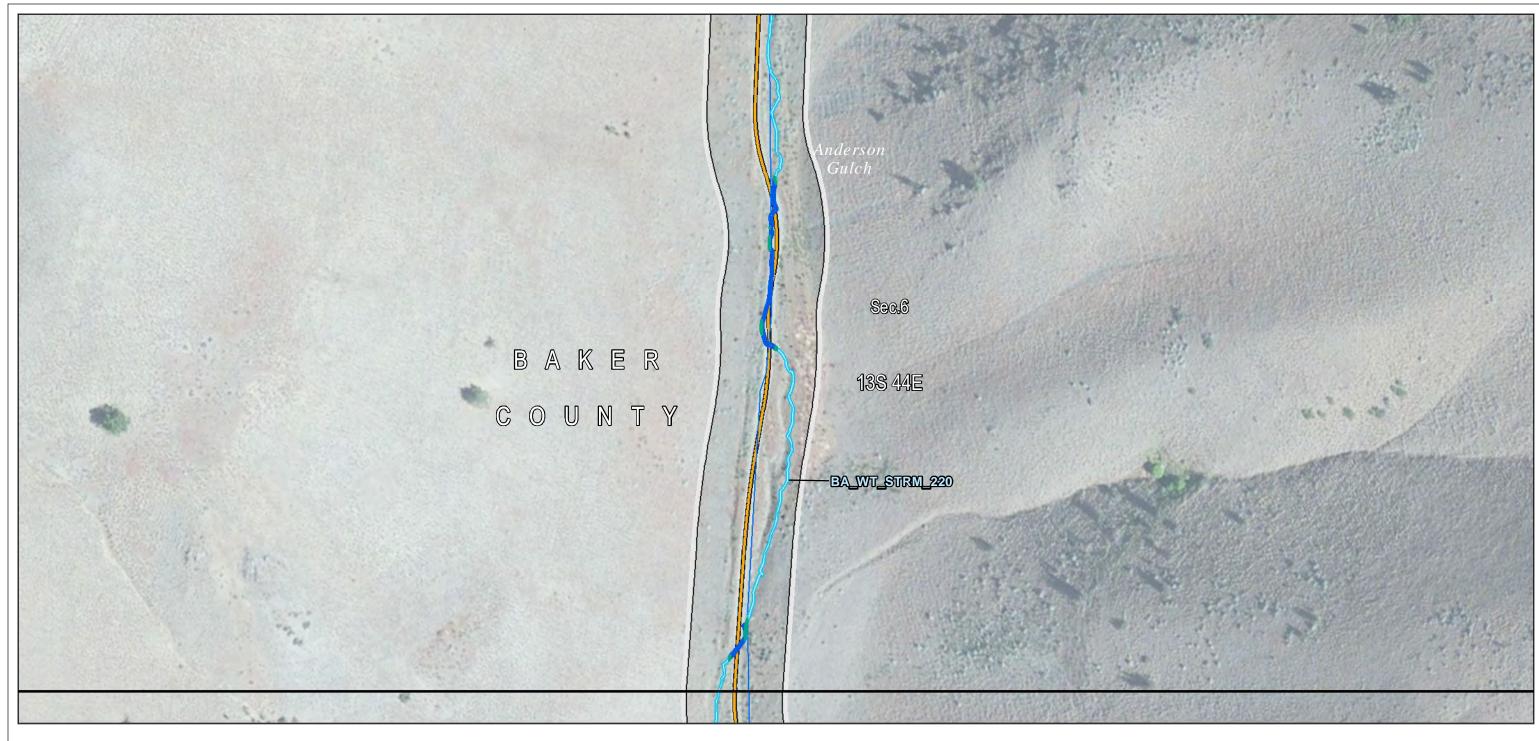
Temporary

Permanent



Boardman to Hemingway Transmission Line Project

Attachment K-284
Wetland and Other Waters
Joint Permit Application
Detail Maps
Baker County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Site Boundary

Proposed Route

Construction Access

Existing Road, Substantial
Modification, 21-70%
Improvements

Rivers, Streams, and Canals

Other Waters

Field Survey Streams

Stream Impact Type

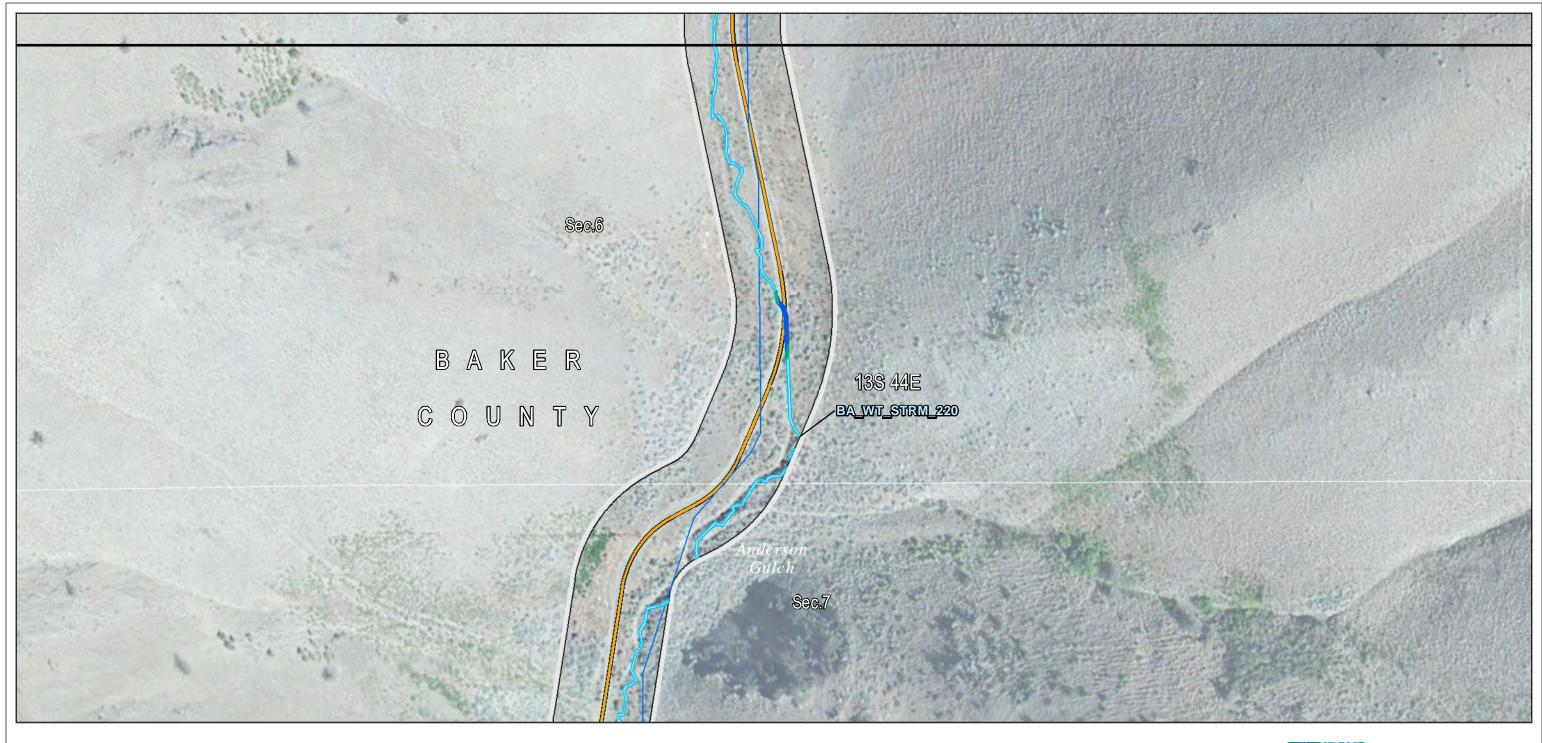
Temporary

Permanent



Boardman to Hemingway
Transmission Line Project

Attachment K-285
Wetland and Other Waters
Joint Permit Application
Detail Maps
Baker County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Site Boundary

Proposed Route

Construction Access

Existing Road, Substantial
Modification, 21-70%
Improvements

Rivers, Streams, and Canals

Other Waters

Field Survey Streams

Stream Impact Type

Temporary

Permanent



Boardman to Hemingway
Transmission Line Project

Attachment K-286
Wetland and Other Waters
Joint Permit Application
Detail Maps
Baker County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016

Project Features

Site Boundary

Proposed Route

Construction Access

Existing Road, Substantial
Modification, 21-70%
Improvements

Rivers, Streams, and Canals

Other Waters

Field Survey Streams

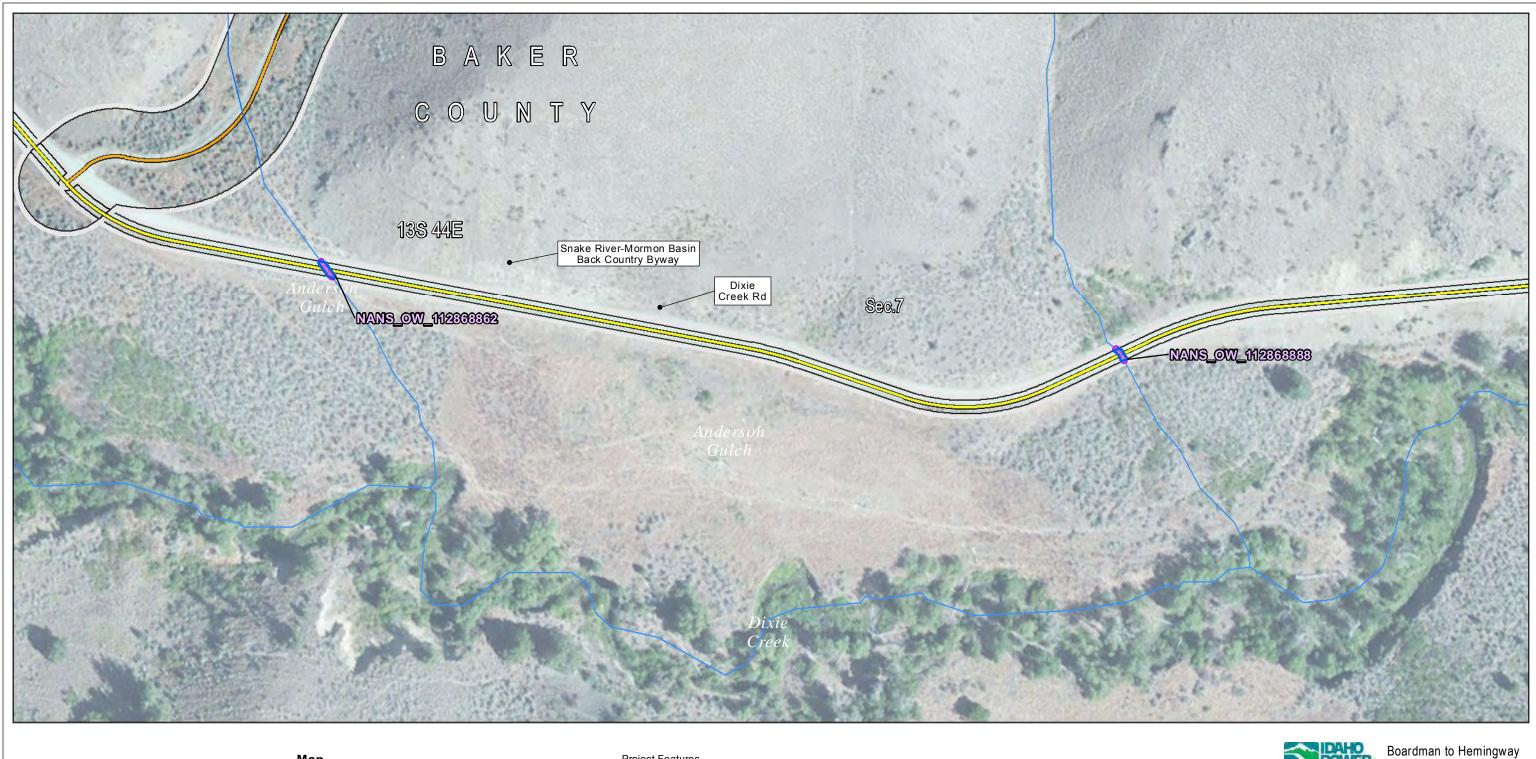
Stream Impact Type

Temporary



Boardman to Hemingway Transmission Line Project

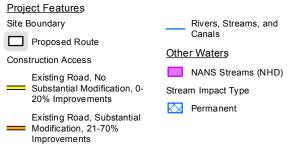
Attachment K-287
Wetland and Other Waters
Joint Permit Application
Detail Maps
Baker County





Notes: Elevation contour lines are not available at this time and will be added at a later date.

December 2016





Transmission Line Project

Attachment K-288 Wetland and Other Waters Joint Permit Application Detail Maps Baker County