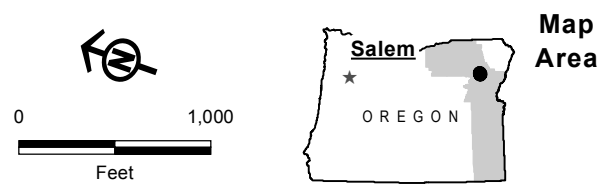
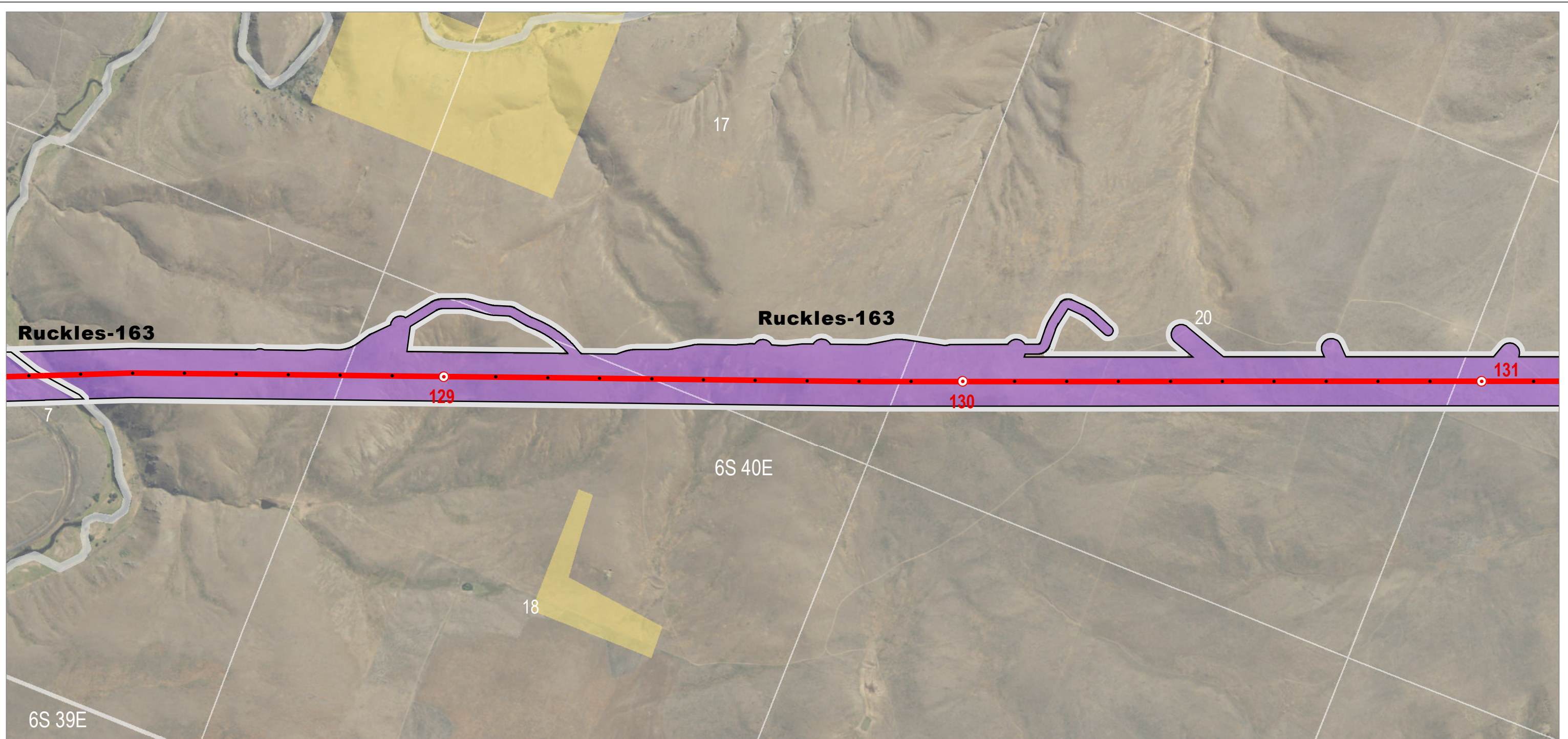


Map Index  
 [Red Box] Location Map (Map #)

**IDAHO POWER**  
 An IDACORP Company  
 Boardman to Hemingway  
 Transmission Line Project

**Attachment I-1**  
**Soil Mapping Units**  
**Location Maps**  
 Baker County  
 Map Index

Source(s): BLM, IPC, ODFW, ODOT, NPS, USDA, USFS, USGS, Ventyx, Esri, DigitalGlobe, GeoEys, Earthstar Geographics, CNES/Airbus DS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo  
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 June 2017



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|---|--|--|
| <p><b>Project Features</b></p> <ul style="list-style-type: none"> <li><span style="border: 1px solid black; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> Site Boundary</li> <li><span style="border-bottom: 2px solid red; display: inline-block; width: 15px; margin-right: 5px;"></span> Proposed Route</li> </ul> <p><b>Mileposts</b></p> <ul style="list-style-type: none"> <li><span style="border: 1px solid red; border-radius: 50%; width: 10px; height: 10px; display: inline-block; margin-right: 5px;"></span> Mile</li> <li><span style="display: inline-block; width: 5px; height: 5px; margin-right: 5px;"></span> Tenth-mile</li> </ul> | <p><b>STATSGO Soil Factors</b></p> <ul style="list-style-type: none"> <li><span style="background-color: #ccccff; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> Ruckles</li> </ul> | <p><b>Land Status</b></p> <ul style="list-style-type: none"> <li><span style="background-color: #ffff00; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> Bureau of Land Management</li> <li><span style="border: 1px solid black; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> Private</li> </ul> |
|---|--|--|

**IDAHO POWER**  
An IDACORP Company

Boardman to Hemingway  
Transmission Line Project

**Attachment I-1  
Soil Mapping Units**

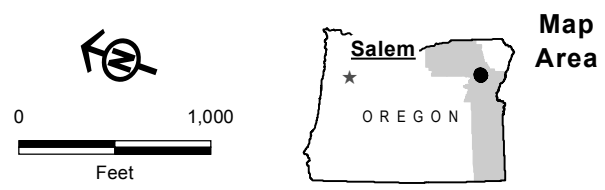
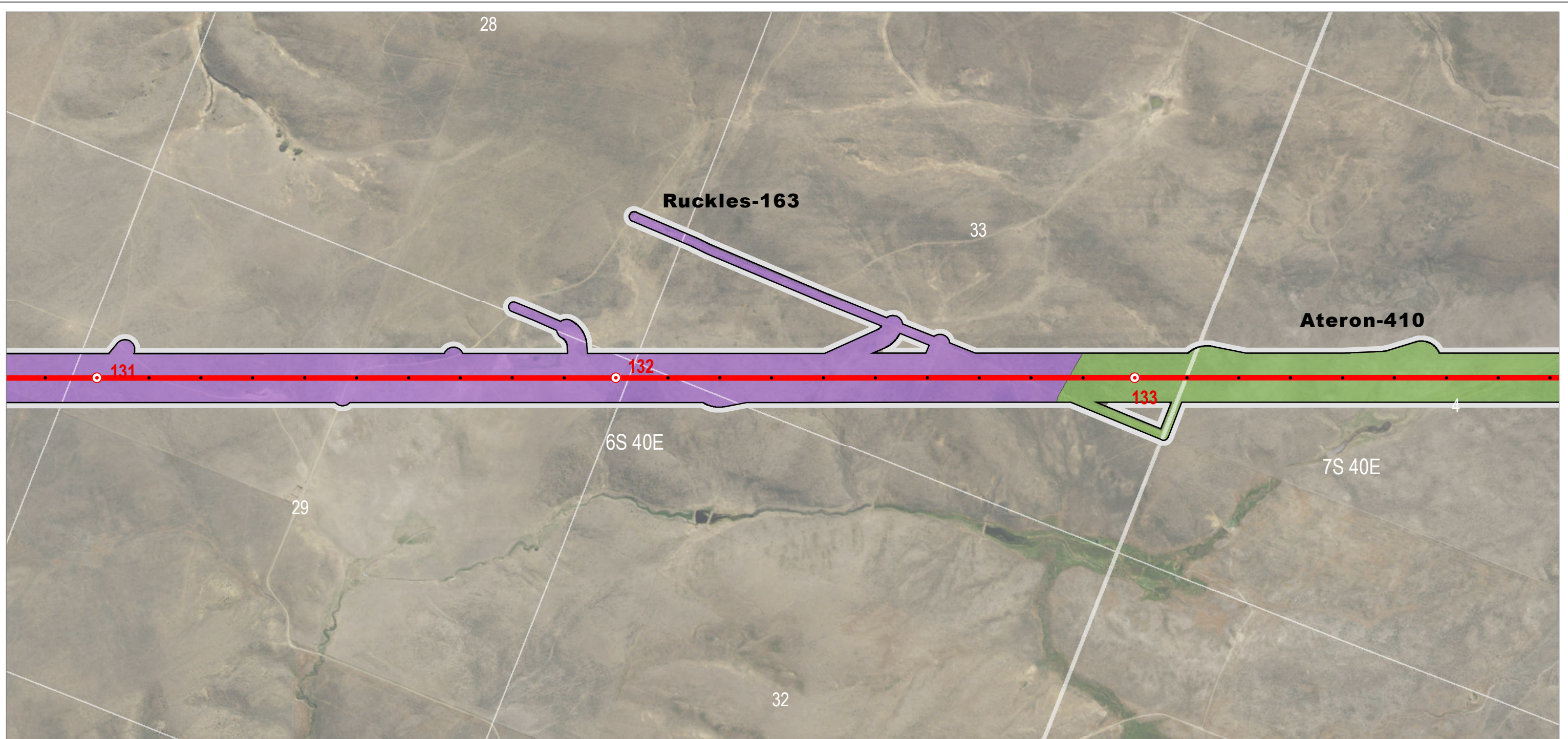
Proposed Route  
Baker County

Map 63

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

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- |   |   |  |
|---|---|--|
| <b>Project Features</b>   | <b>STATSGO Soil Factors</b>   | <b>Land Status</b>   |
| <ul style="list-style-type: none"> <li> Site Boundary</li> <li> Proposed Route</li> </ul> | <ul style="list-style-type: none"> <li> Ateron</li> <li> Ruckles</li> </ul> | <ul style="list-style-type: none"> <li> Private</li> </ul> |
| <b>Mileposts</b>  |   |  |
| <ul style="list-style-type: none"> <li> Mile</li> <li> Tenth-mile</li> </ul>              |   |  |

**IDAHO POWER**  
AN IDACORP COMPANY

Boardman to Hemingway  
Transmission Line Project

**Attachment I-1  
Soil Mapping Units**

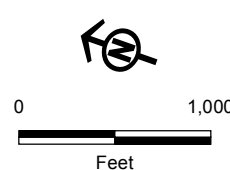
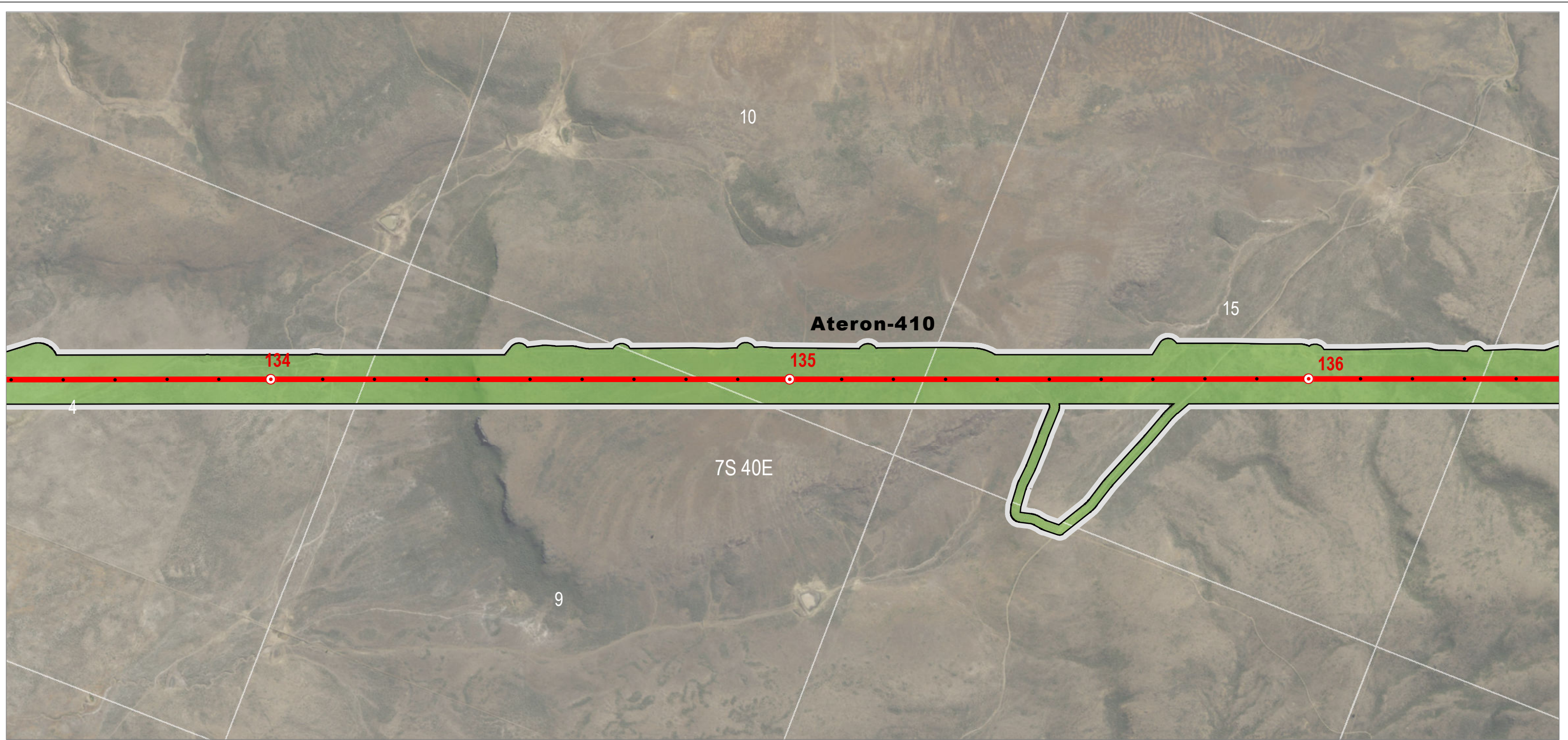
Proposed Route  
Baker County

Map 64

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

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**Project Features**

- Site Boundary
- Proposed Route

**Mileposts**

- Mile
- Tenth-mile

**STATSGO Soil Factors**

- Ateron

**Land Status**

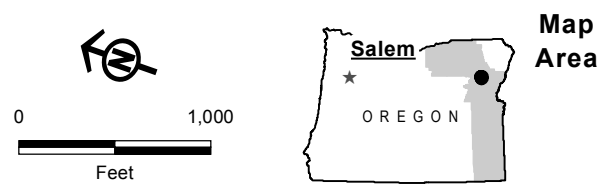
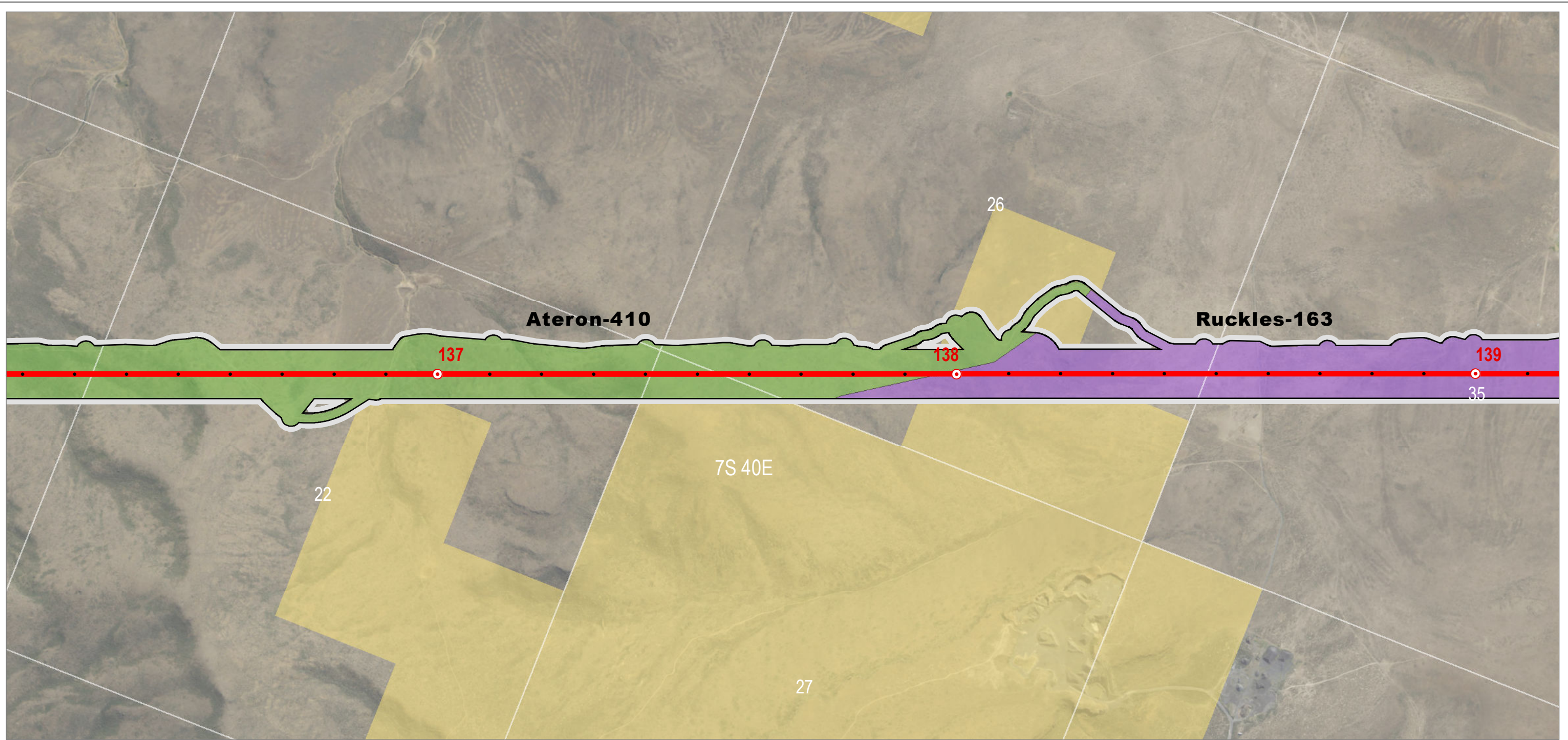
- Private

**Attachment I-1  
Soil Mapping Units**

Proposed Route  
Baker County

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

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|---|--|--|
| <p><b>Project Features</b></p> <ul style="list-style-type: none"> <li><span style="border: 1px solid black; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> Site Boundary</li> <li><span style="border-bottom: 2px solid red; display: inline-block; width: 20px; margin-right: 5px;"></span> Proposed Route</li> </ul> <p><b>Mileposts</b></p> <ul style="list-style-type: none"> <li><span style="border: 1px solid red; border-radius: 50%; display: inline-block; width: 10px; height: 10px; margin-right: 5px;"></span> Mile</li> <li><span style="display: inline-block; width: 5px; height: 5px; margin-right: 5px;"></span> Tenth-mile</li> </ul> | <p><b>STATSGO Soil Factors</b></p> <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #90EE90; margin-right: 5px;"></span> Ateron</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #9370DB; margin-right: 5px;"></span> Ruckles</li> </ul> | <p><b>Land Status</b></p> <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #FFD700; margin-right: 5px;"></span> Bureau of Land Management</li> <li><span style="border: 1px solid black; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> Private</li> </ul> |
|---|--|--|

**IDAHO POWER**  
An IDACORP Company

Boardman to Hemingway  
Transmission Line Project

**Attachment I-1  
Soil Mapping Units**

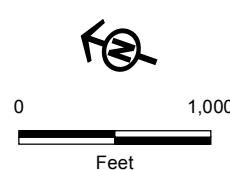
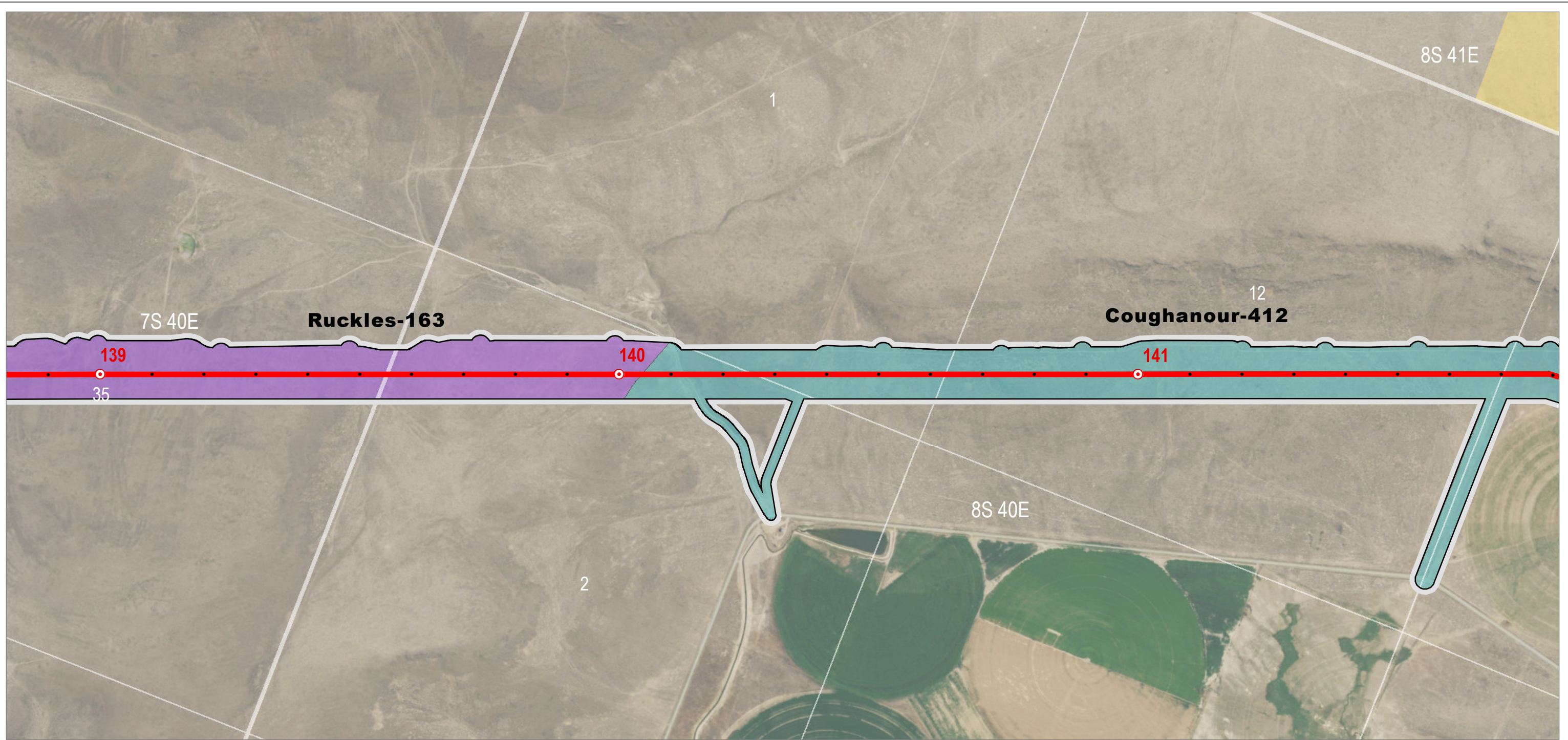
Proposed Route  
Baker County

Map 66

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

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**Project Features**

- Site Boundary
- Proposed Route
- Mileposts**
- Mile
- Tenth-mile

**STATSGO Soil Factors**

- Coughanour
- Ruckles

**Land Status**

- Bureau of Land Management
- Private

**IDAHO POWER**  
An IDACORP Company

Boardman to Hemingway  
Transmission Line Project

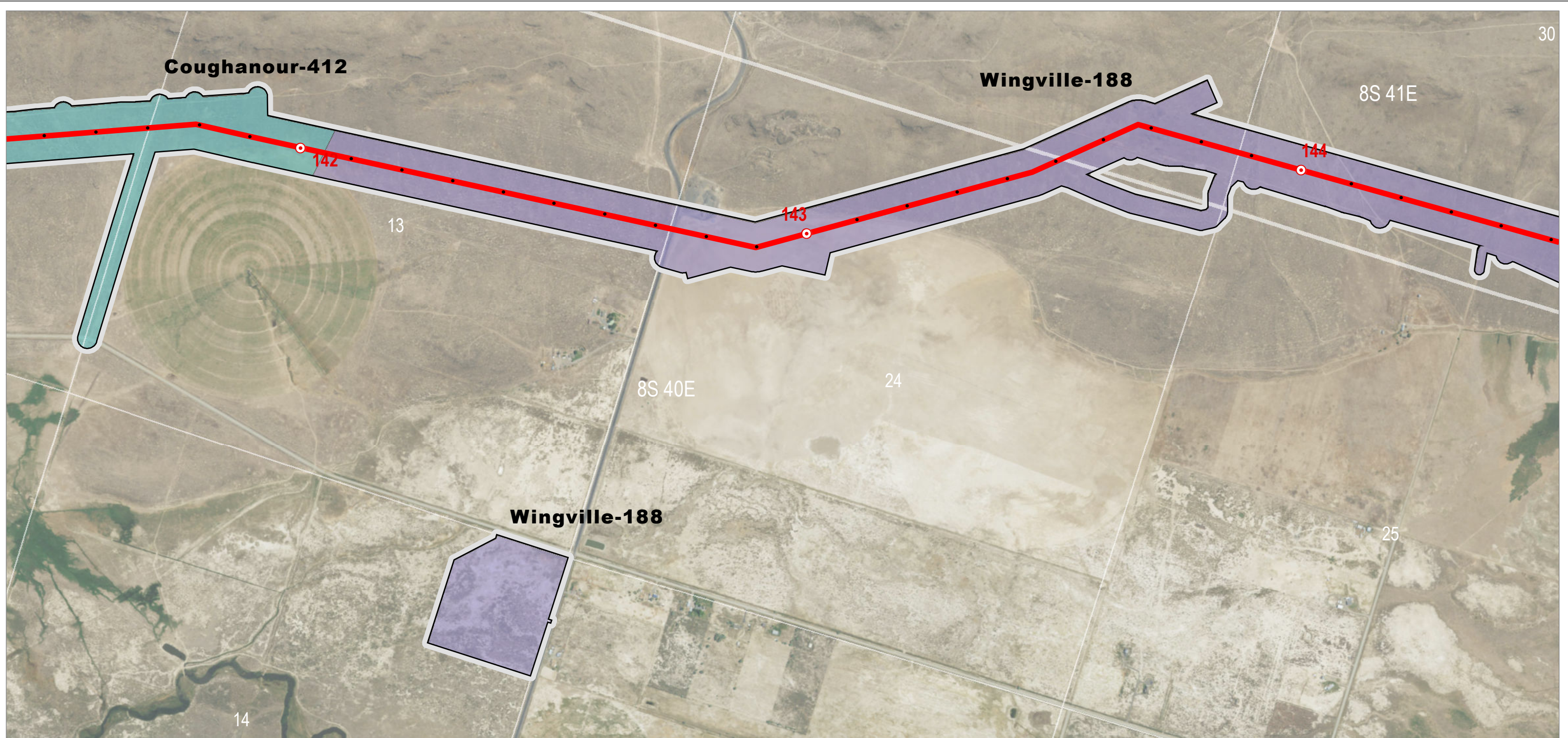
**Attachment I-1  
Soil Mapping Units**

Proposed Route  
Baker County

Map 67

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

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- Project Features**
- Site Boundary
  - Proposed Route
- Mileposts**
- Mile
  - Tenth-mile
- STATSGO Soil Factors**
- Coughanour
  - Wingville
- Land Status**
- Private

**IDAHO POWER**  
An IDACORP Company

Boardman to Hemingway  
Transmission Line Project

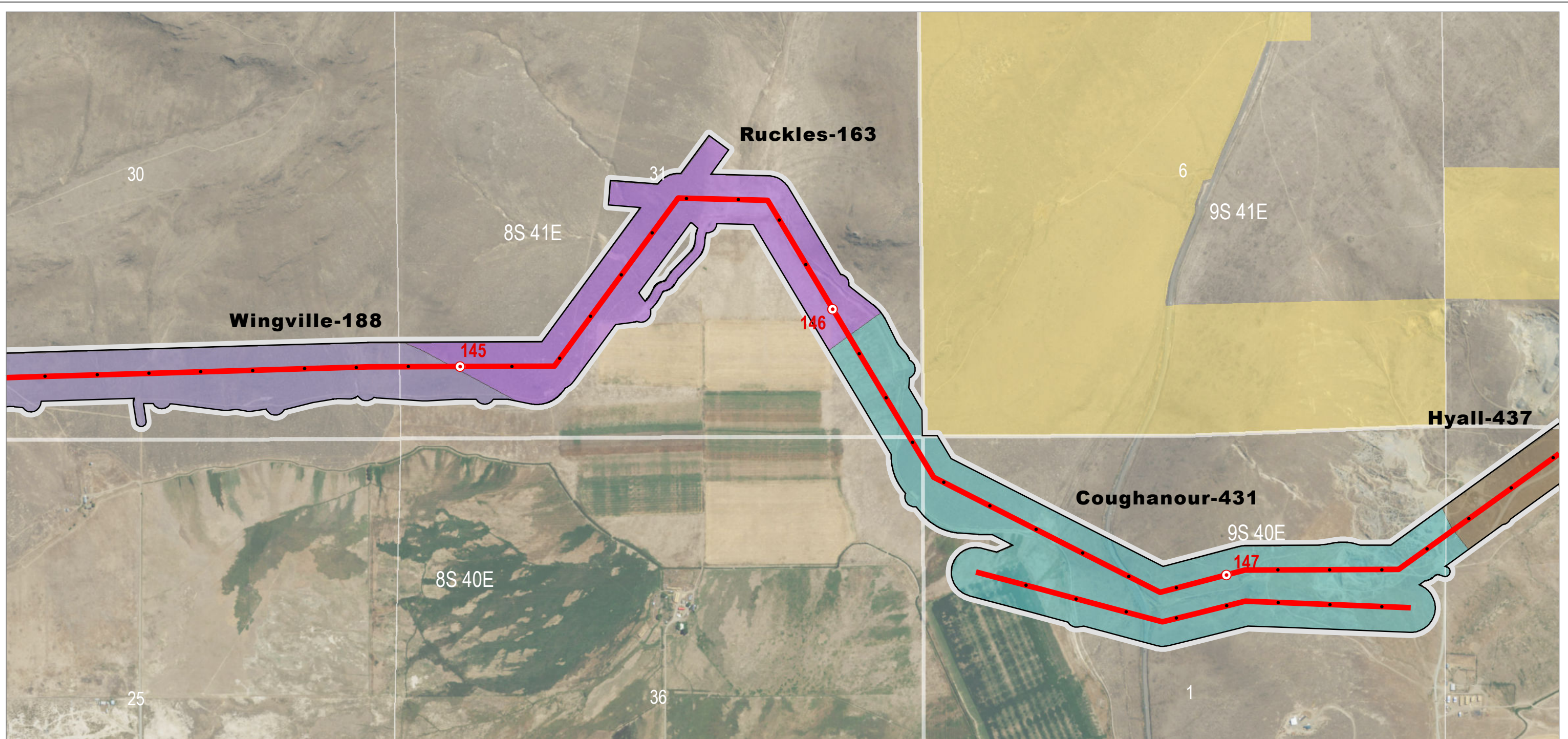
**Attachment I-1  
Soil Mapping Units**

Proposed Route  
Baker County

Map 68

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

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|---|--|--|
| <p><b>Project Features</b></p> <ul style="list-style-type: none"> <li>□ Site Boundary</li> <li>— Proposed Route</li> </ul> <p><b>Mileposts</b></p> <ul style="list-style-type: none"> <li>○ Mile</li> <li>• Tenth-mile</li> </ul> | <p><b>STATSGO Soil Factors</b></p> <ul style="list-style-type: none"> <li>■ Coughanour</li> <li>■ Hyall</li> <li>■ Ruckles</li> <li>■ Wingville</li> </ul> | <p><b>Land Status</b></p> <ul style="list-style-type: none"> <li>■ Bureau of Land Management</li> <li>□ Private</li> </ul> |
|---|--|--|

**IDAHO POWER**  
AN IDACORP COMPANY

Boardman to Hemingway  
Transmission Line Project

**Attachment I-1  
Soil Mapping Units**

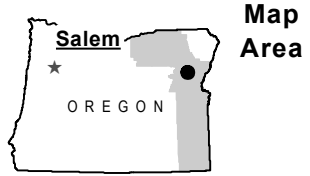
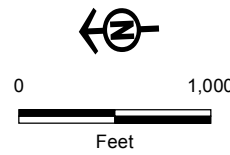
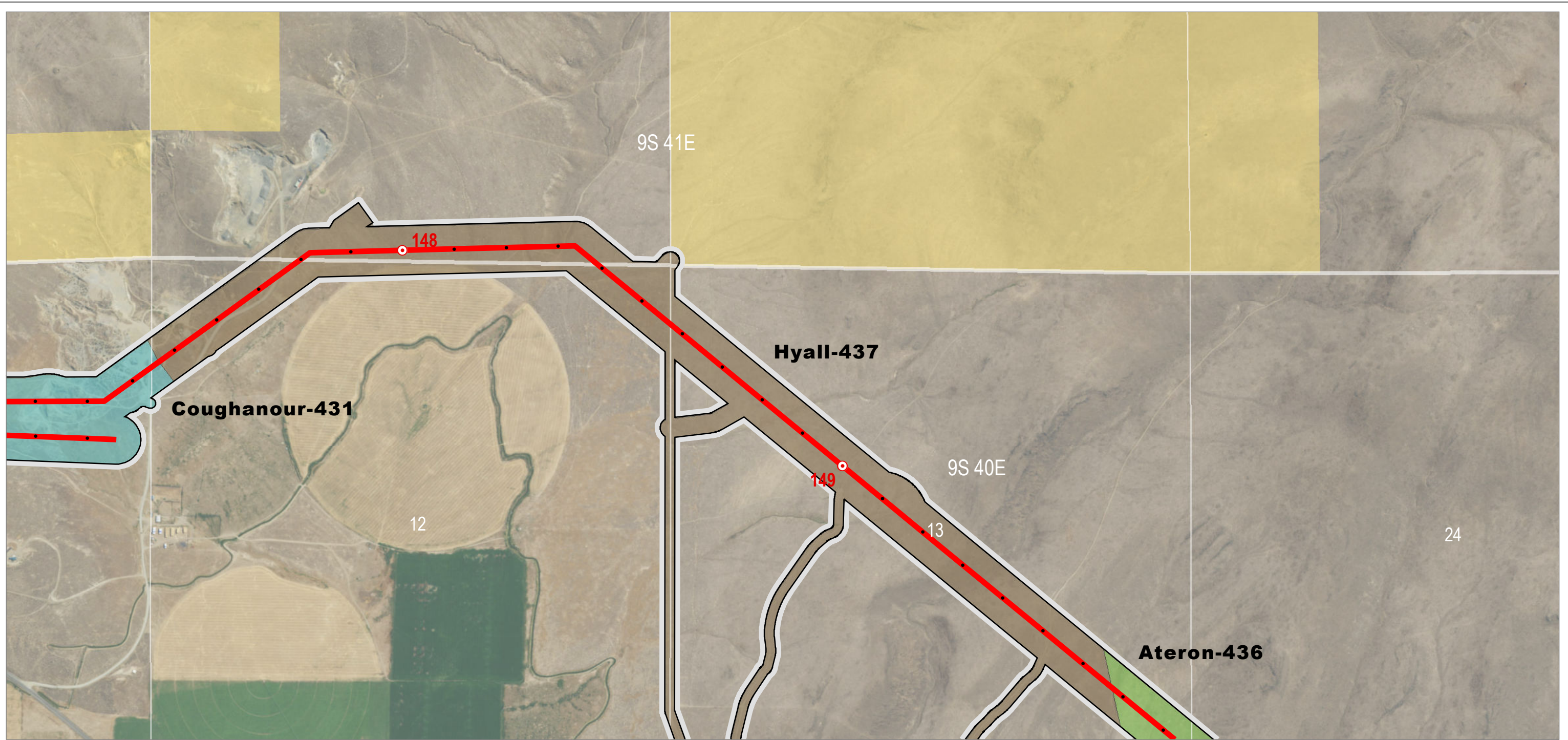
Proposed Route  
Baker County

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

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

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**Project Features**

- Site Boundary
- Proposed Route
- Mileposts**
- Mile
- Tenth-mile

**STATSGO Soil Factors**

- Ateron
- Coughanour
- Hyall

**Land Status**

- Bureau of Land Management
- Private

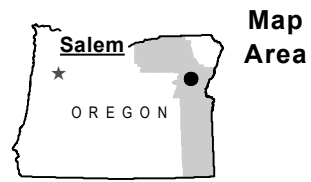
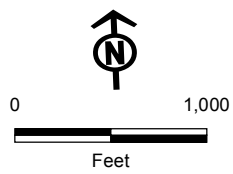


Boardman to Hemingway  
Transmission Line Project

**Attachment I-1  
Soil Mapping Units**

Proposed Route  
Baker County

Map 70



**Project Features**

- Site Boundary
- Proposed Route
- Mileposts**
- Mile
- Tenth-mile

**STATSGO Soil Factors**

- Ateron
- Coughanour
- Hyall

**Land Status**

- Private



Boardman to Hemingway  
Transmission Line Project

**Attachment I-1  
Soil Mapping Units**

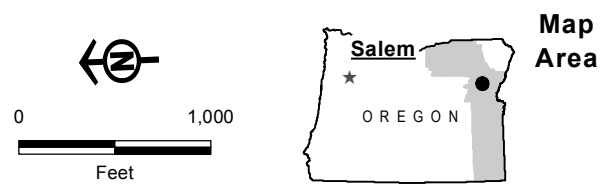
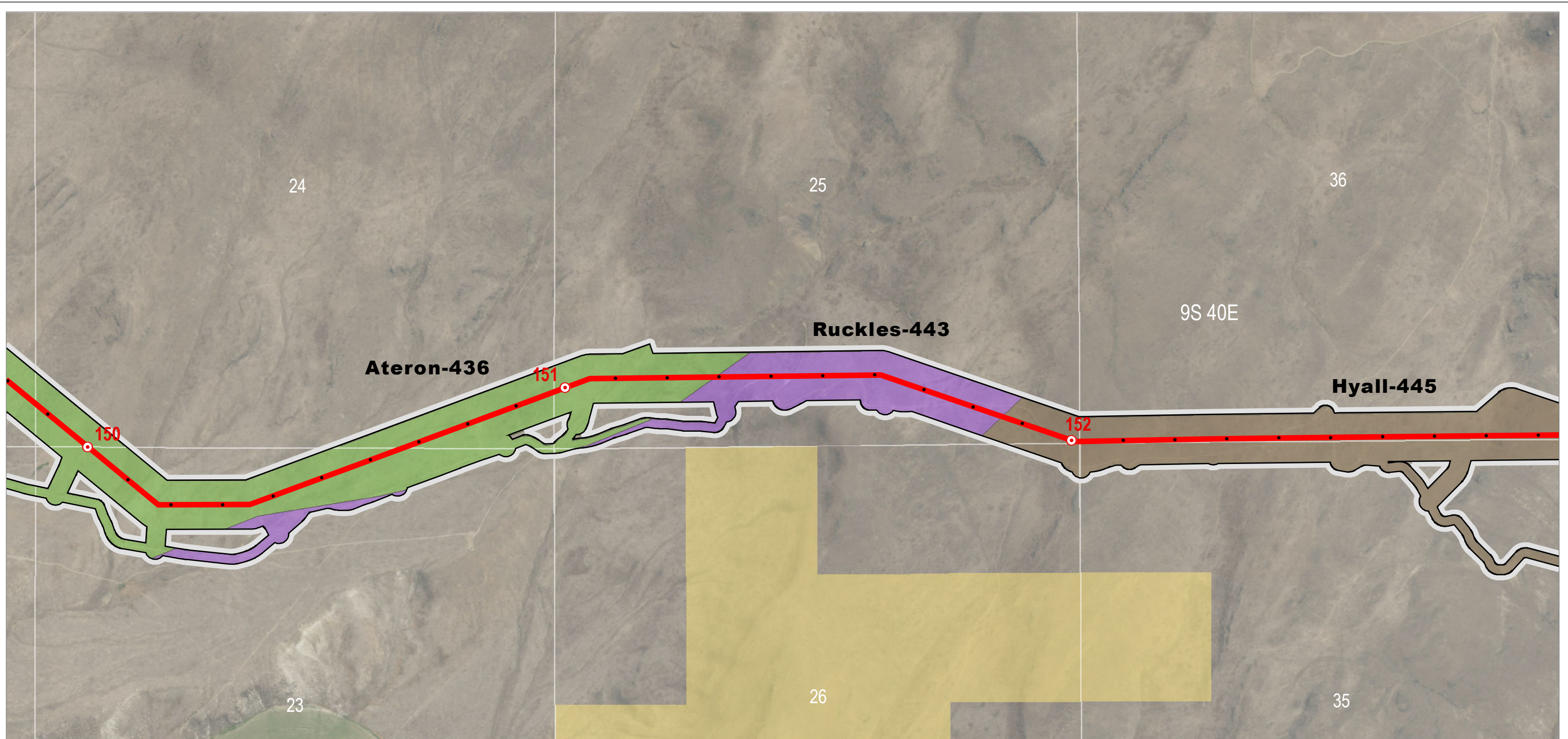
Proposed Route  
Baker County

Map 71


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

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|---|---|--|
| <b>Project Features</b>   | <b>STATSGO Soil Factors</b>   | <b>Land Status</b>   |
| <ul style="list-style-type: none"> <li> Site Boundary</li> <li> Proposed Route</li> </ul> | <ul style="list-style-type: none"> <li> Ateron</li> <li> Hyall</li> <li> Ruckles</li> </ul> | <ul style="list-style-type: none"> <li> Bureau of Land Management</li> <li> Private</li> </ul> |
| <b>Mileposts</b>  |   |  |
| <ul style="list-style-type: none"> <li> Mile</li> <li> Tenth-mile</li> </ul>              |   |  |

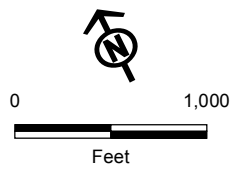
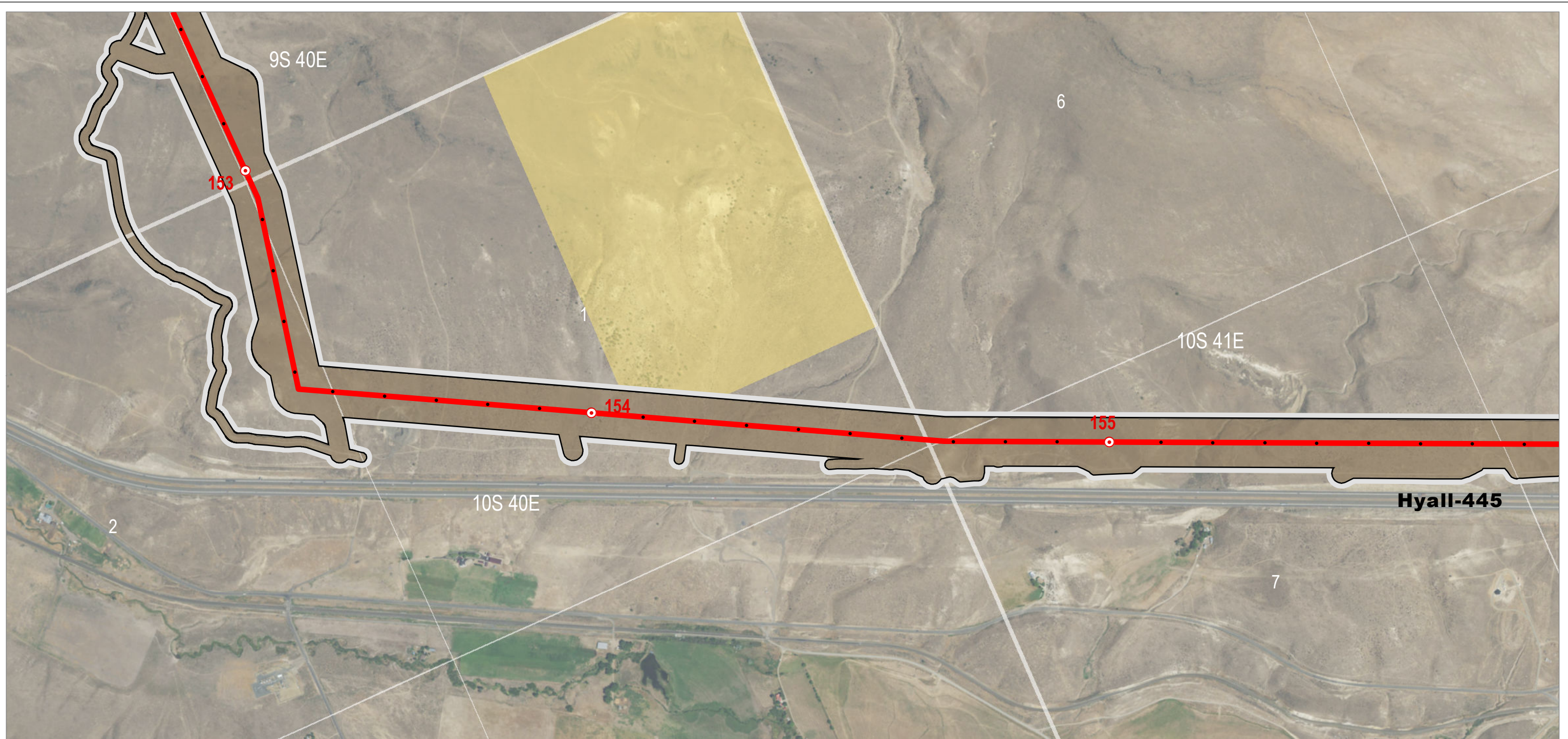
 Boardman to Hemingway  
Transmission Line Project

**Attachment I-1  
Soil Mapping Units**

Proposed Route  
Baker County

Map 72

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

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**Project Features**

- Site Boundary
- Proposed Route
- Mileposts**
- Mile
- Tenth-mile

**STATSGO Soil Factors**

- Hyall

**Land Status**

- Bureau of Land Management
- Private

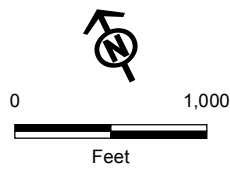
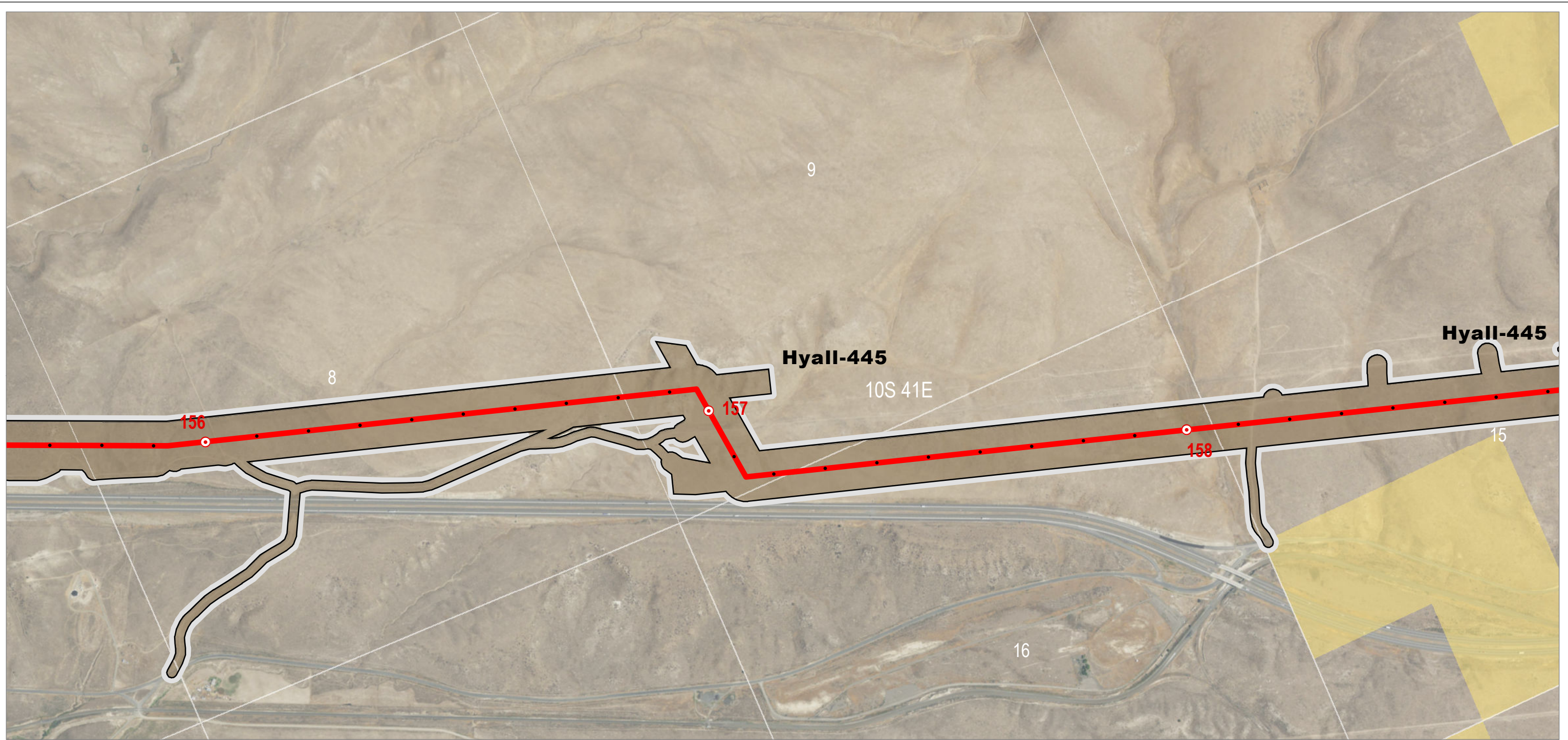


Boardman to Hemingway  
Transmission Line Project

**Attachment I-1  
Soil Mapping Units**

Proposed Route  
Baker County

Map 73



**Project Features**

- Site Boundary
- Proposed Route
- Mileposts**
- Mile
- Tenth-mile

**STATSGO Soil Factors**

- Hyall

**Land Status**

- Bureau of Land Management
- Private



Boardman to Hemingway  
Transmission Line Project

**Attachment I-1  
Soil Mapping Units**

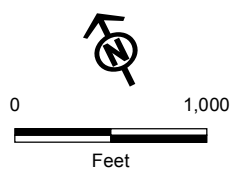
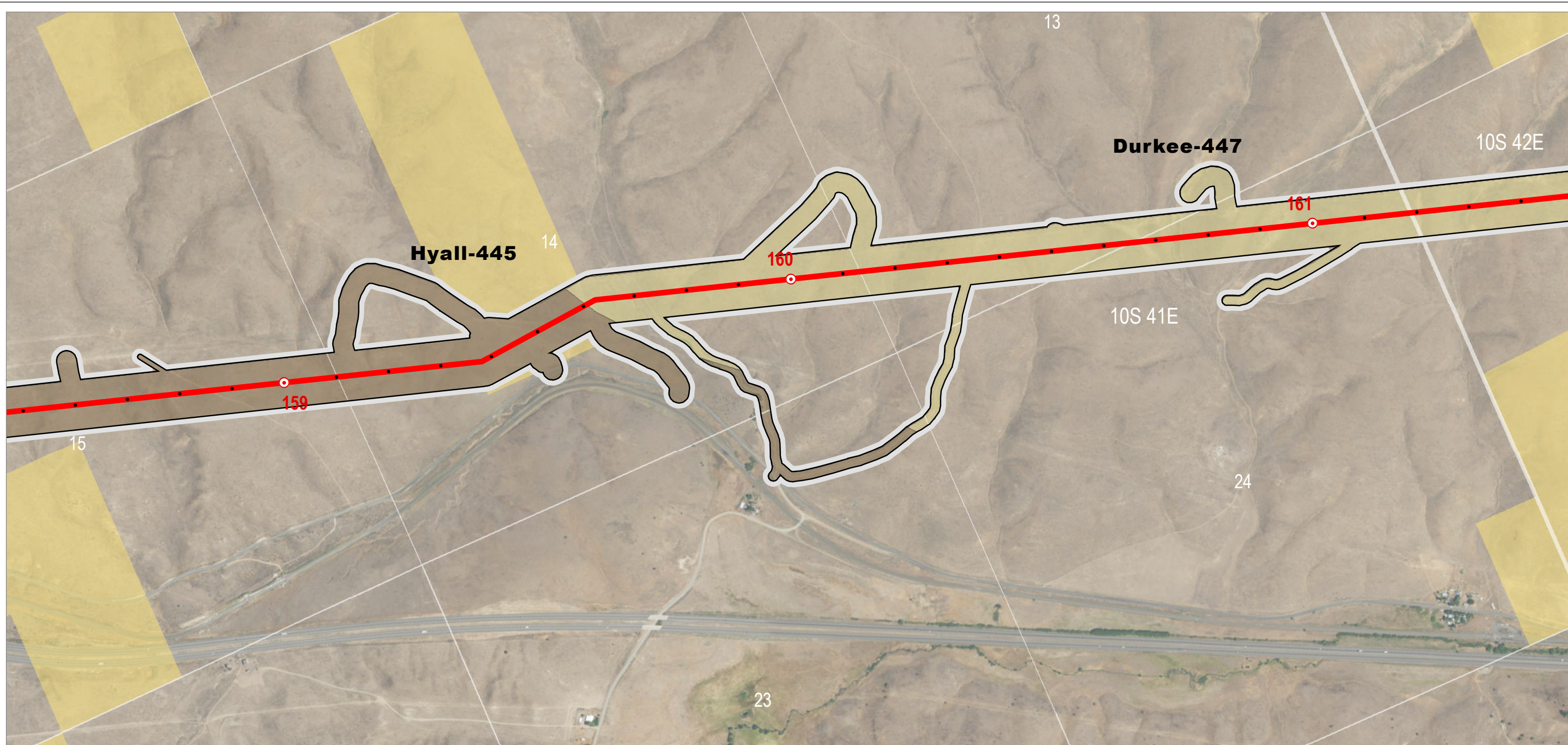
Proposed Route  
Baker County

Map 74

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

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**Project Features**

- Site Boundary
- Proposed Route

**Mileposts**

- Mile
- Tenth-mile

**STATSGO Soil Factors**

- Durkee
- Hyall

**Land Status**

- Bureau of Land Management
- Private



Boardman to Hemingway  
Transmission Line Project

**Attachment I-1  
Soil Mapping Units**

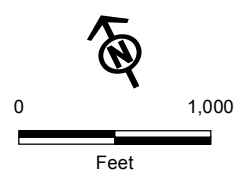
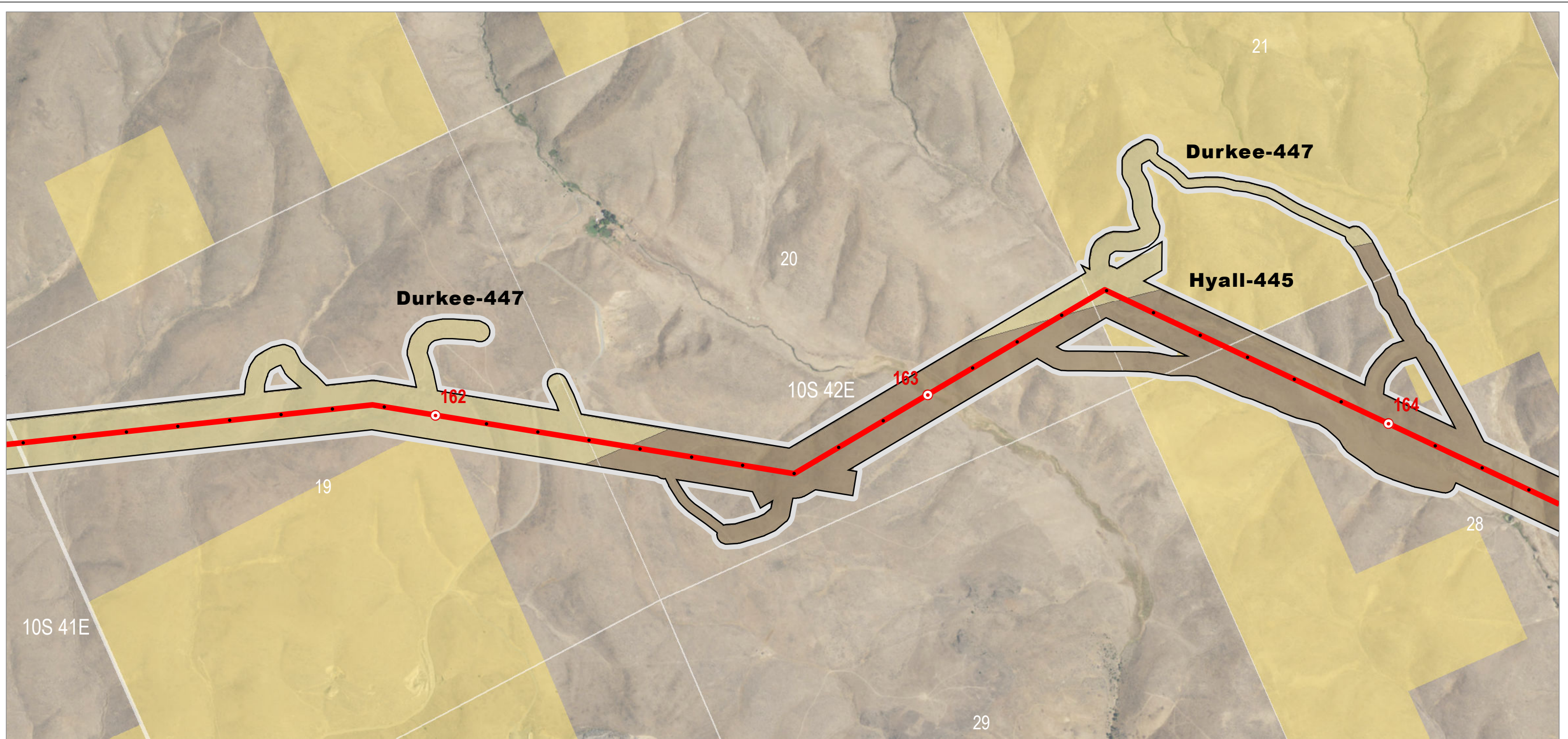
Proposed Route  
Baker County

Map 75

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

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**Project Features**

- Site Boundary
- Proposed Route
- Mileposts**
- Mile
- Tenth-mile

**STATSGO Soil Factors**

- Durkee
- Hyall

**Land Status**

- Bureau of Land Management
- Private



Boardman to Hemingway  
Transmission Line Project

**Attachment I-1  
Soil Mapping Units**

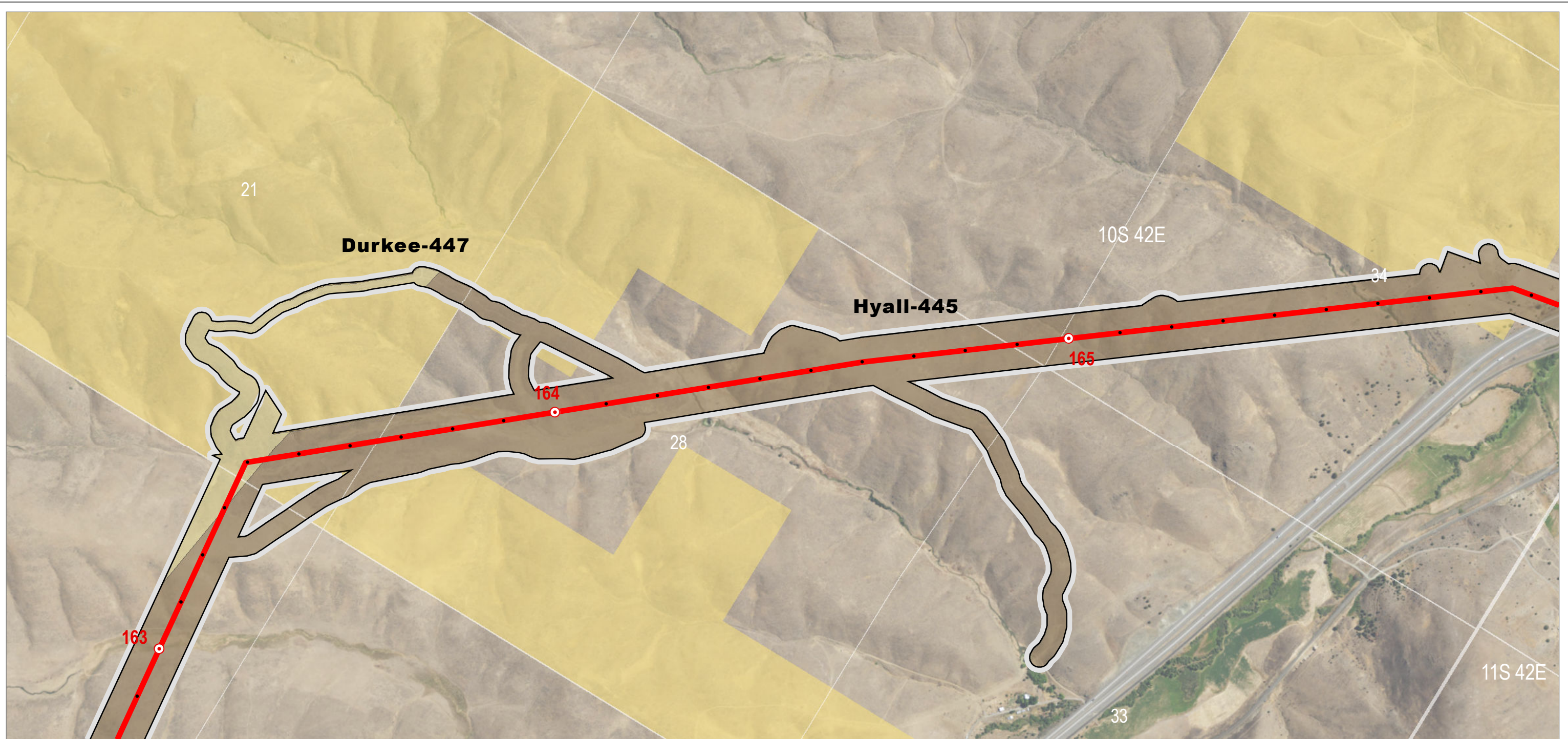
Proposed Route  
Baker County

Map 76

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

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|-------------------------|-----------------------------|-----------------------------|
| <b>Project Features</b> | <b>STATSGO Soil Factors</b> | <b>Land Status</b>          |
| □ Site Boundary         | ■ Durkee                    | ■ Bureau of Land Management |
| — Proposed Route        | ■ Hyall                     | □ Private                   |
| <b>Mileposts</b>        |                             |                             |
| ○ Mile                  |                             |                             |
| • Tenth-mile            |                             |                             |

**IDAHO POWER**  
An IDACORP Company

Boardman to Hemingway  
Transmission Line Project

**Attachment I-1  
Soil Mapping Units**

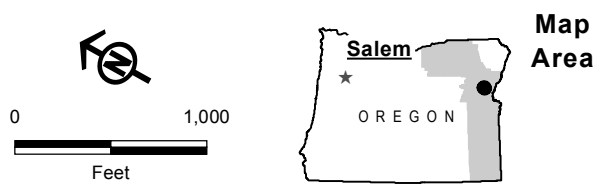
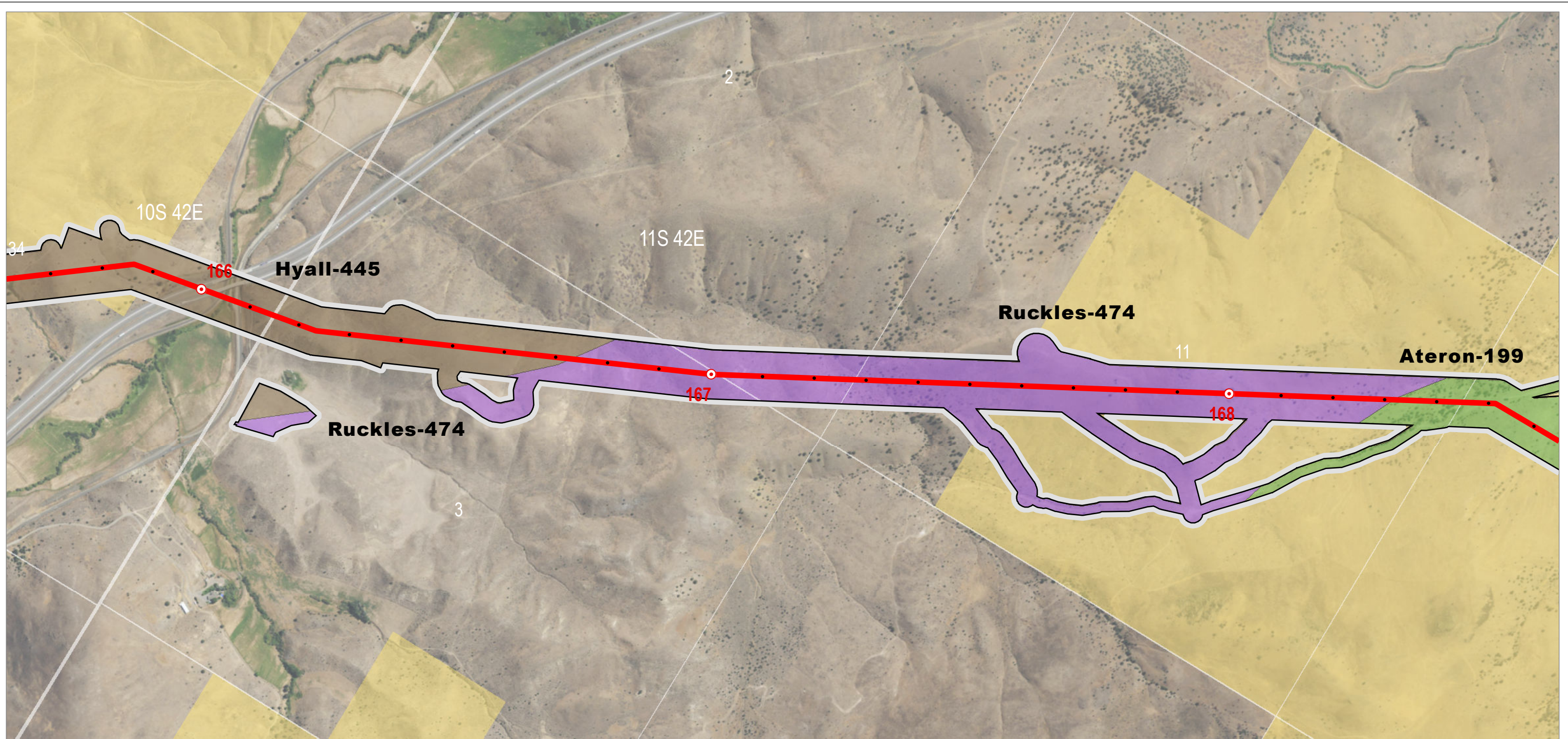
Proposed Route  
Baker County

Map 77

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

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

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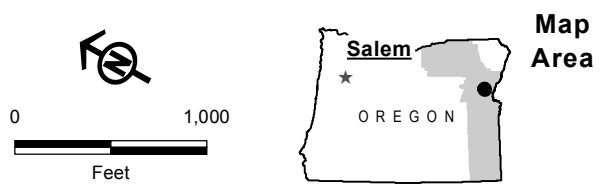
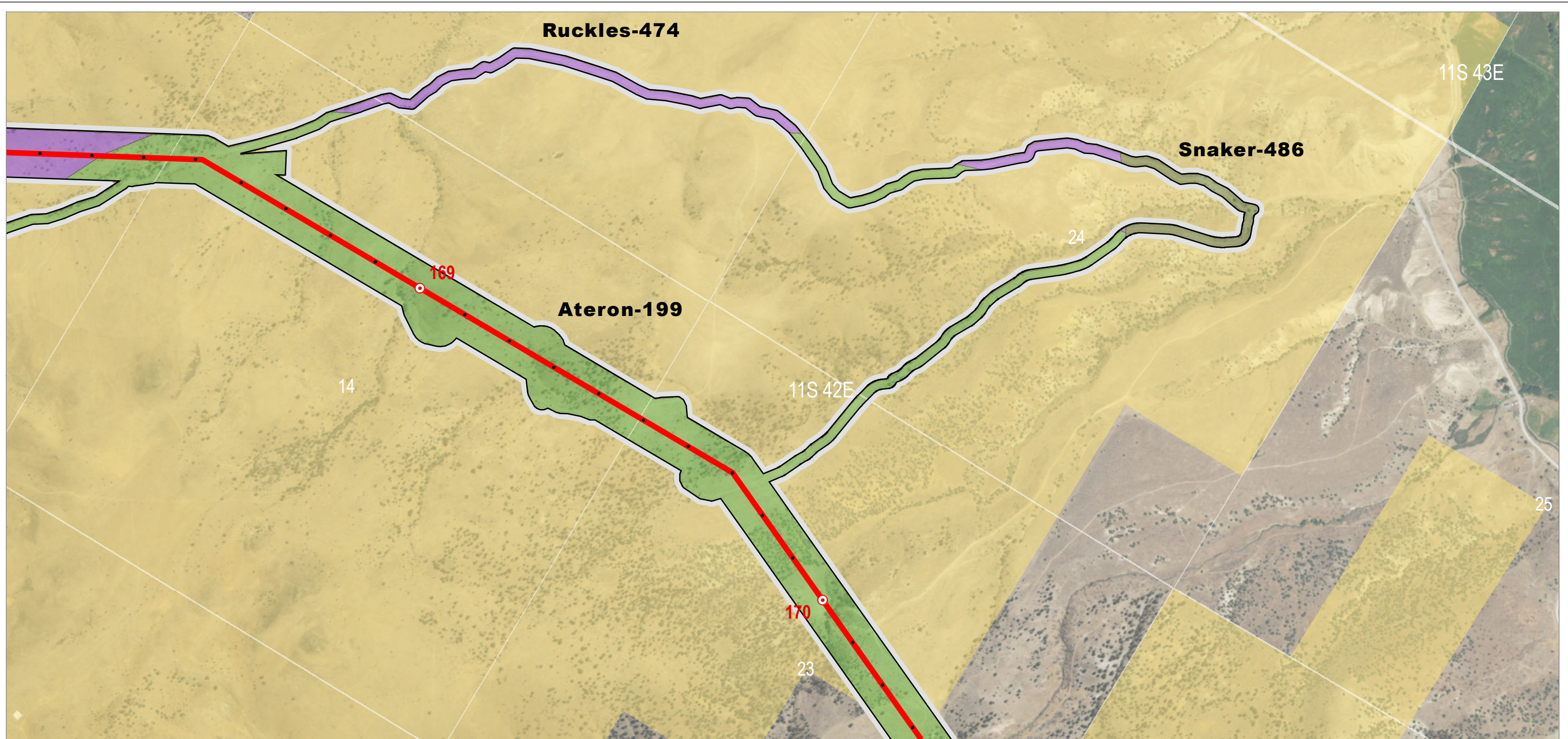
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|---|--|--|
| <p><b>Project Features</b></p> <ul style="list-style-type: none"> <li> Site Boundary</li> <li> Proposed Route</li> </ul> <p><b>Mileposts</b></p> <ul style="list-style-type: none"> <li> Mile</li> <li> Tenth-mile</li> </ul> | <p><b>STATSGO Soil Factors</b></p> <ul style="list-style-type: none"> <li> Ateron</li> <li> Hyall</li> <li> Ruckles</li> </ul> | <p><b>Land Status</b></p> <ul style="list-style-type: none"> <li> Bureau of Land Management</li> <li> Private</li> </ul> |
|---|--|--|

Boardman to Hemingway Transmission Line Project

**Attachment I-1  
Soil Mapping Units**

Proposed Route  
Baker County

Map 78



- |  |   |   |
|--|---|---|
| <b>Project Features</b>  | <b>STATSGO Soil Factors</b>   | <b>Land Status</b>  |
| <ul style="list-style-type: none"> <li><span style="border: 1px solid black; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> Site Boundary</li> <li><span style="border-bottom: 2px solid red; display: inline-block; width: 20px; margin-right: 5px;"></span> Proposed Route</li> </ul>                           | <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #90EE90; margin-right: 5px;"></span> Ateron</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #9370DB; margin-right: 5px;"></span> Ruckles</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #808080; margin-right: 5px;"></span> Snaker</li> </ul> | <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #FFD700; border: 1px solid black; margin-right: 5px;"></span> Bureau of Land Management</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid black; margin-right: 5px;"></span> Private</li> </ul> |
| <b>Mileposts</b>   |   |   |
| <ul style="list-style-type: none"> <li><span style="border: 1px solid red; border-radius: 50%; padding: 2px; display: inline-block; width: 10px; height: 10px; margin-right: 5px;"></span> Mile</li> <li><span style="display: inline-block; width: 5px; height: 5px; background-color: black; margin-right: 5px;"></span> Tenth-mile</li> </ul> |   |   |

**IDAHO POWER**  
AN IDACORP COMPANY

Boardman to Hemingway  
Transmission Line Project

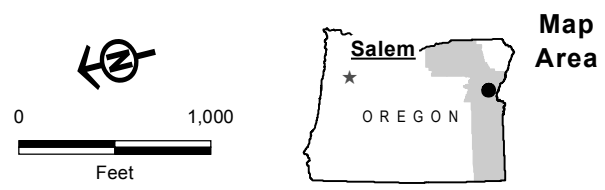
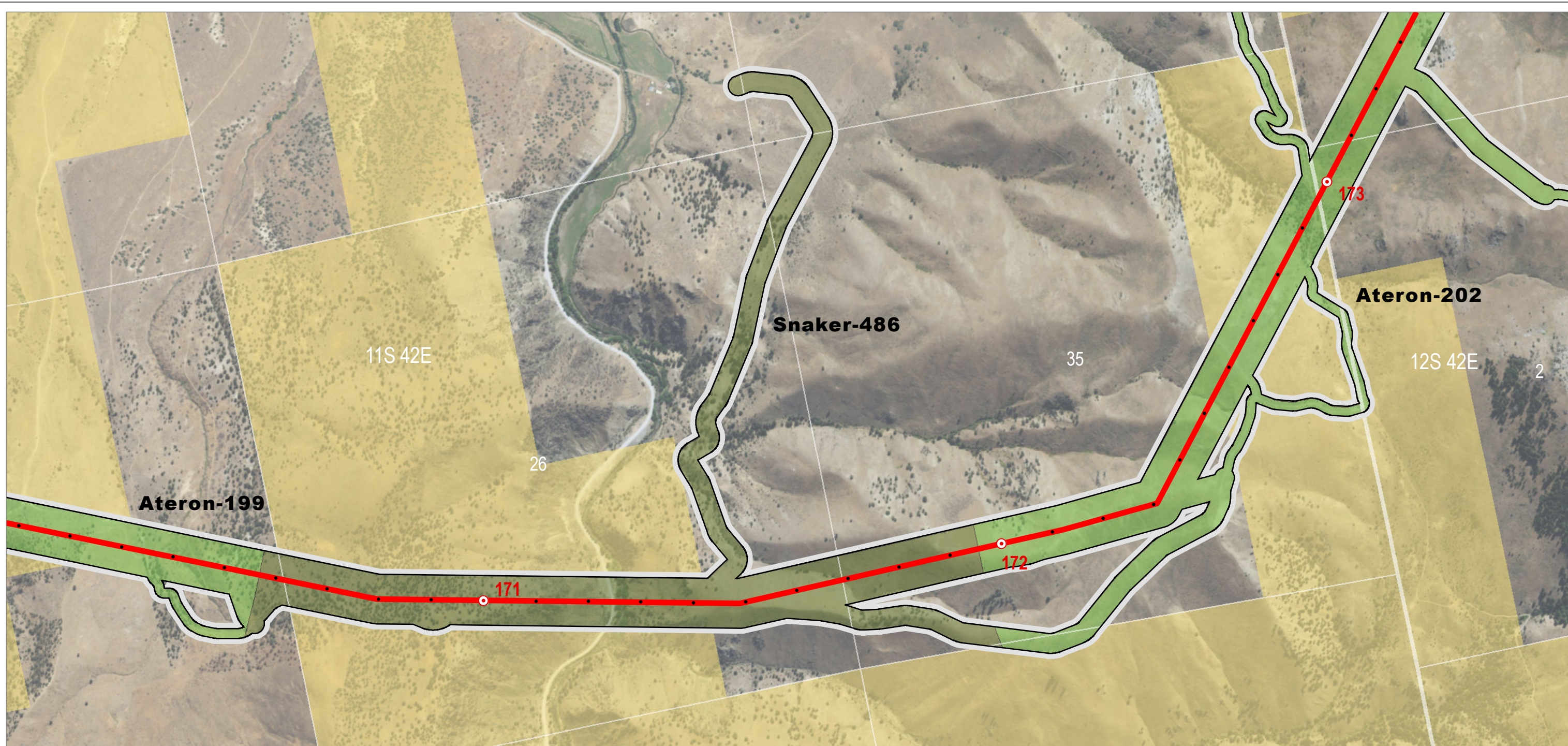
**Attachment I-1  
Soil Mapping Units**

Proposed Route  
Baker County

**Map 79**

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

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|---|---|---|
| <p><b>Project Features</b></p> <ul style="list-style-type: none"> <li><span style="border: 1px solid black; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> Site Boundary</li> <li><span style="border-bottom: 2px solid red; display: inline-block; width: 20px; margin-right: 5px;"></span> Proposed Route</li> </ul> <p><b>Mileposts</b></p> <ul style="list-style-type: none"> <li><span style="border: 1px solid red; border-radius: 50%; padding: 2px 5px; display: inline-block; width: 10px; height: 10px; margin-right: 5px;"></span> Mile</li> <li><span style="display: inline-block; width: 5px; height: 5px; margin-right: 5px;"></span> Tenth-mile</li> </ul> | <p><b>STATSGO Soil Factors</b></p> <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #90EE90; margin-right: 5px;"></span> Ateron</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #808080; margin-right: 5px;"></span> Snaker</li> </ul> | <p><b>Land Status</b></p> <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #FFD700; border: 1px solid black; margin-right: 5px;"></span> Bureau of Land Management</li> <li><span style="border: 1px solid black; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> Private</li> </ul> |
|---|---|---|

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Transmission Line Project

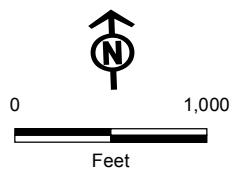
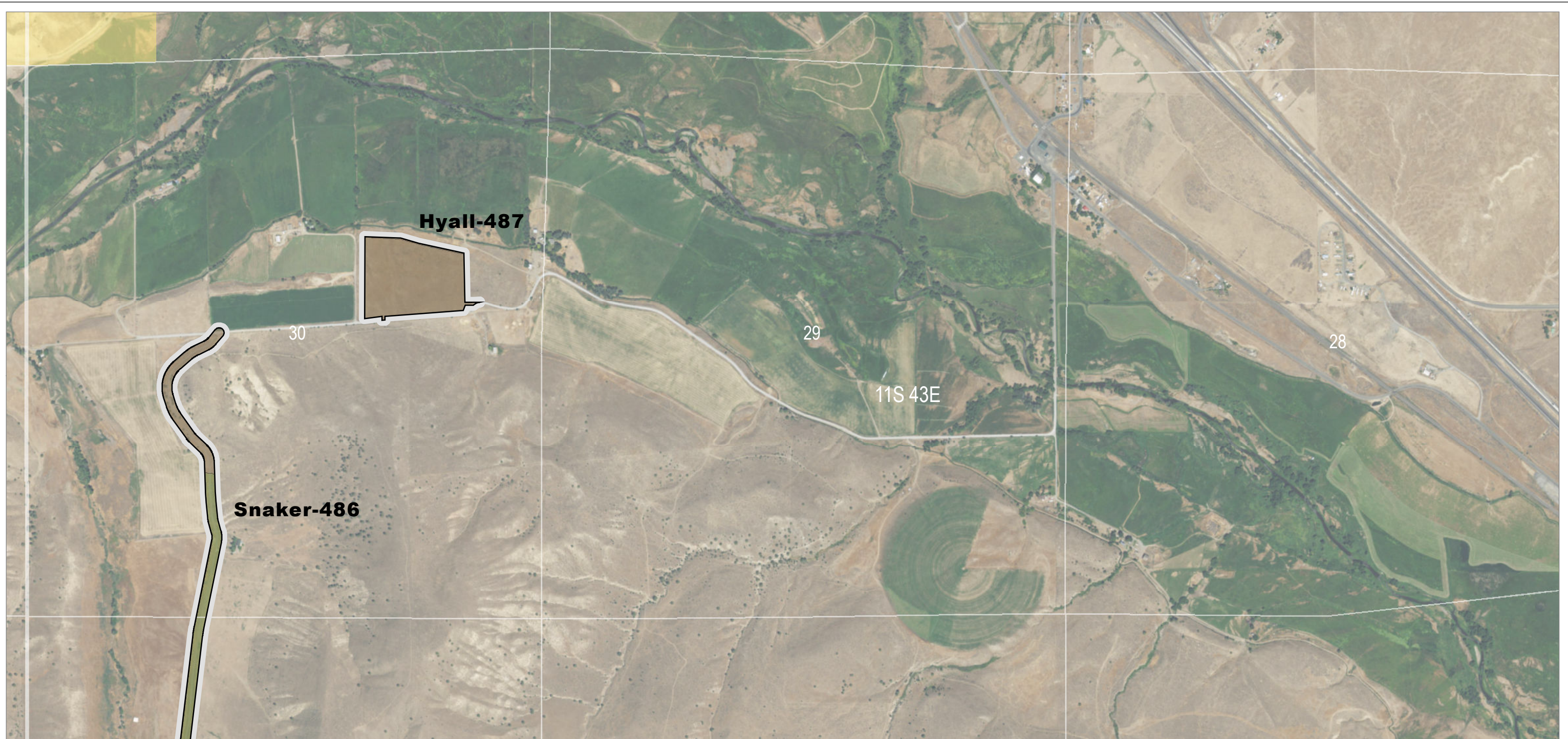
**Attachment I-1  
Soil Mapping Units**

Proposed Route  
Baker County

Map 80

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

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

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**Project Features**  
 Site Boundary

**STATSGO Soil Factors**  
 Hyall  
 Snaker

**Land Status**  
 Bureau of Land Management  
 Private



Boardman to Hemingway  
Transmission Line Project

**Attachment I-1  
Soil Mapping Units**

Proposed Route  
Baker County

Map 81



**Project Features**  
 □ Site Boundary

**STATSGO Soil Factors**  
 ■ Ateron  
 ■ Hyall  
 ■ Snaker

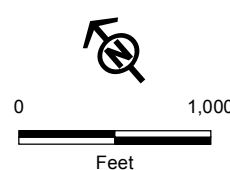
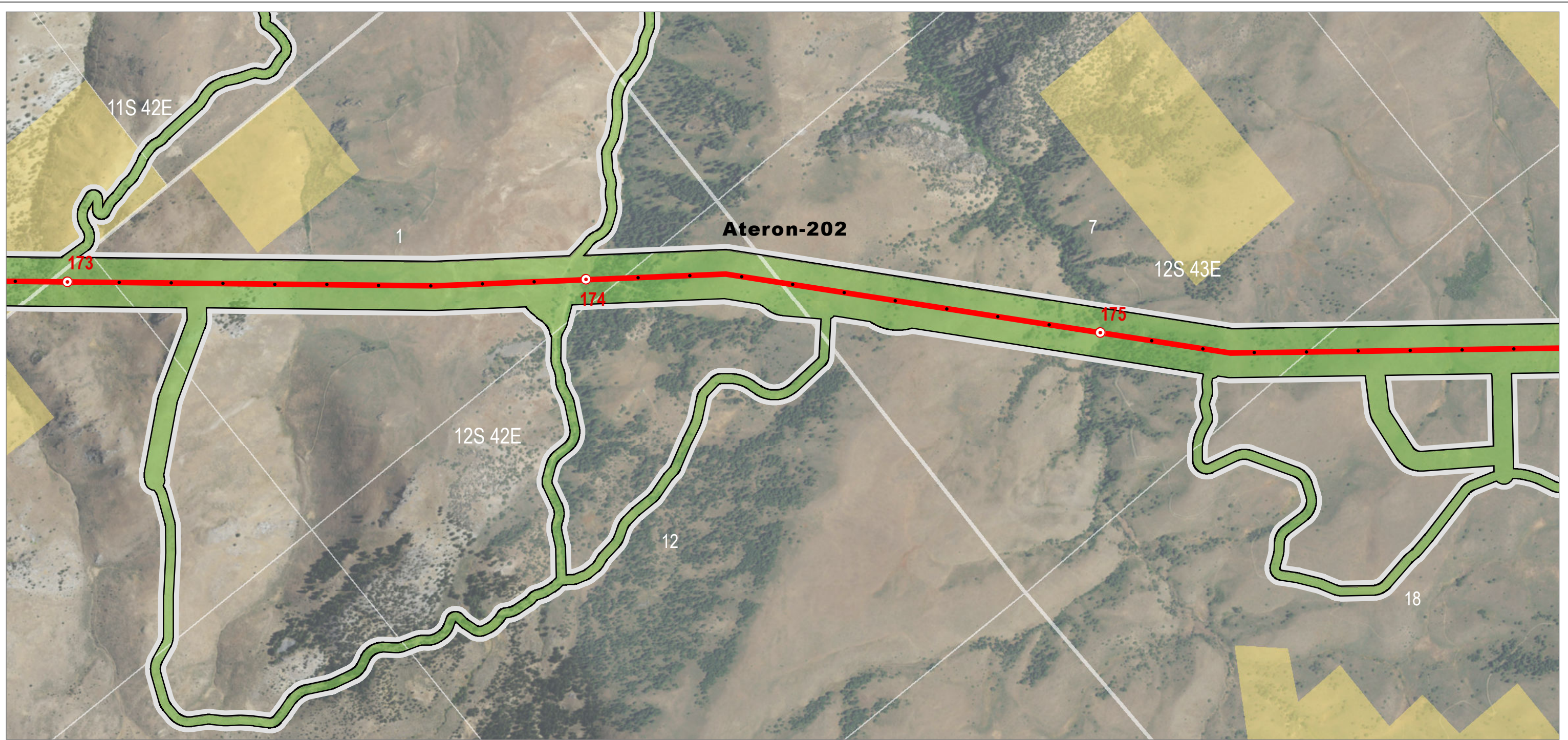
**Land Status**  
 ■ Bureau of Land Management  
 □ Private

**Attachment I-1  
 Soil Mapping Units**

Proposed Route  
 Baker County

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

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

- STATSGO Soil Factors**
- Ateron

- Land Status**
- Bureau of Land Management
  - Private

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Transmission Line Project

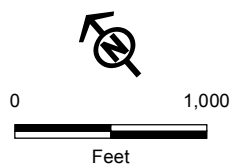
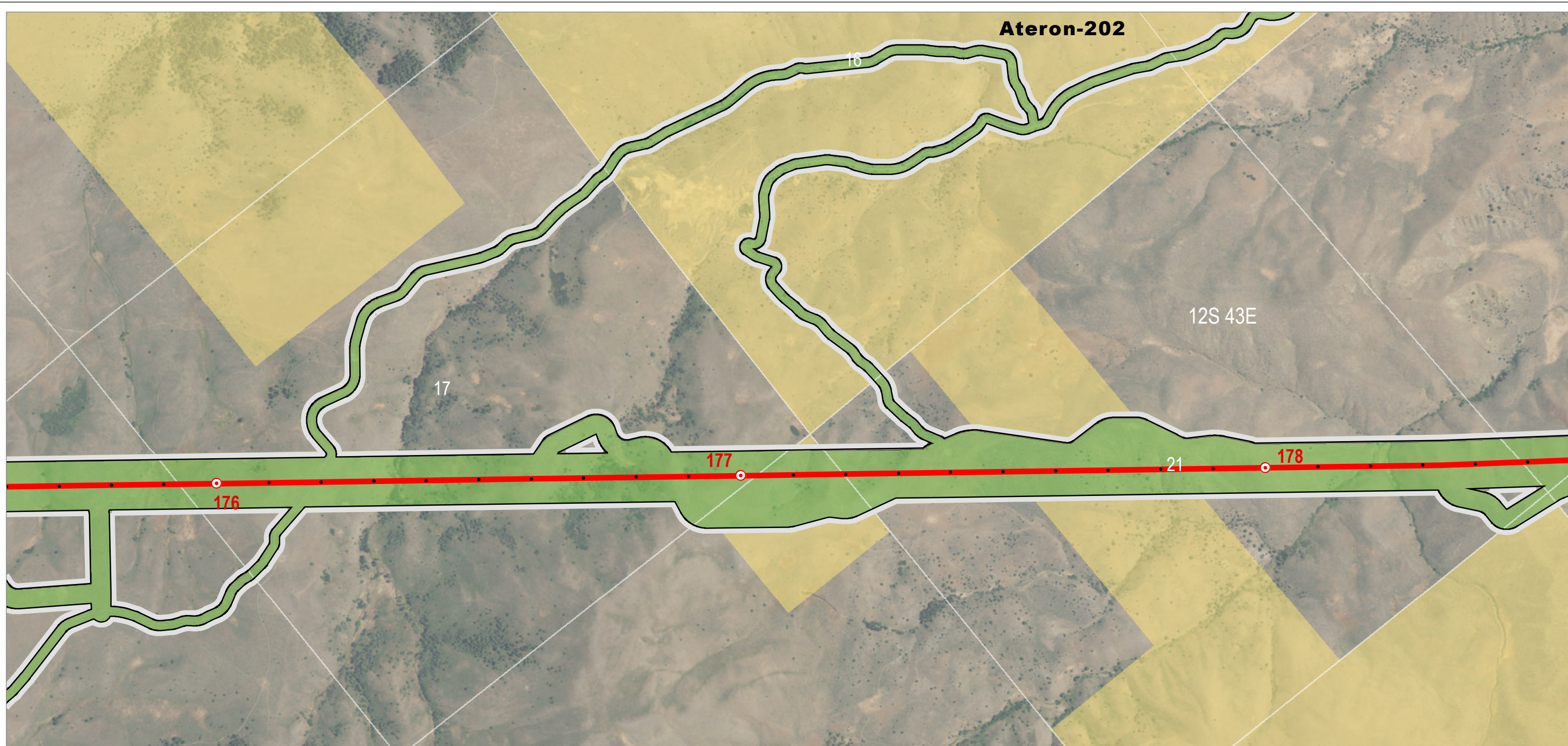
**Attachment I-1  
Soil Mapping Units**

Proposed Route  
Baker County

Map 83

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

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**Project Features**

- Site Boundary
- Proposed Route

**Mileposts**

- Mile
- Tenth-mile

**STATSGO Soil Factors**

- Ateron

**Land Status**

- Bureau of Land Management
- Private



Boardman to Hemingway  
Transmission Line Project

**Attachment I-1  
Soil Mapping Units**

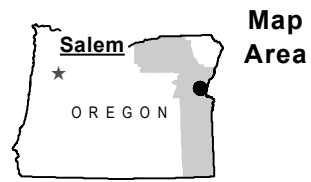
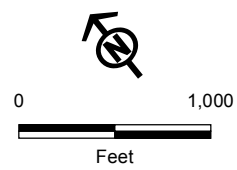
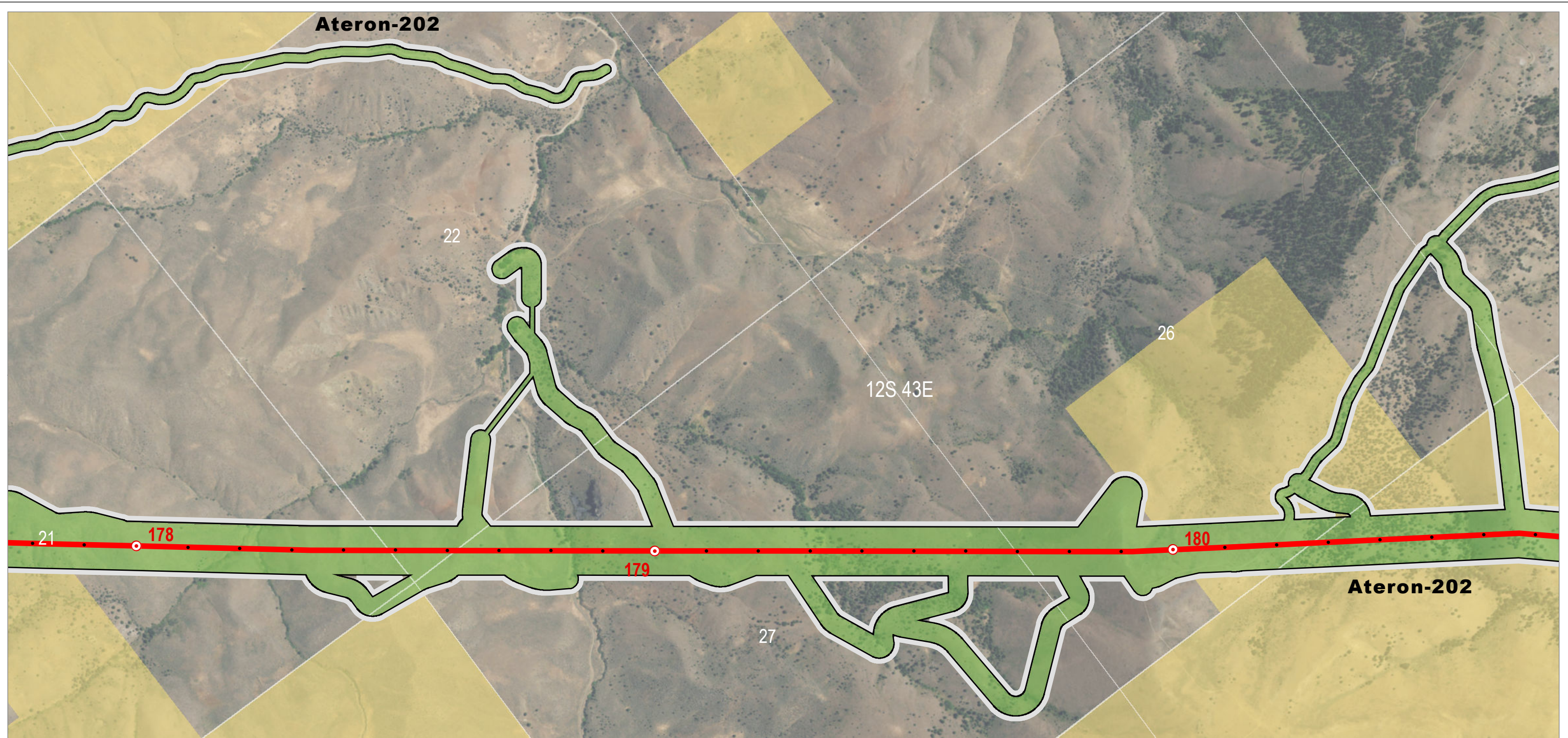
Proposed Route  
Baker County

Map 84

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

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**Project Features**

- Site Boundary
- Proposed Route
- Mileposts**
- Mile
- Tenth-mile

**STATSGO Soil Factors**

- Ateron

**Land Status**

- Bureau of Land Management
- Private



Boardman to Hemingway  
Transmission Line Project

**Attachment I-1  
Soil Mapping Units**

Proposed Route  
Baker County

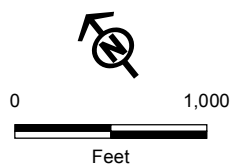
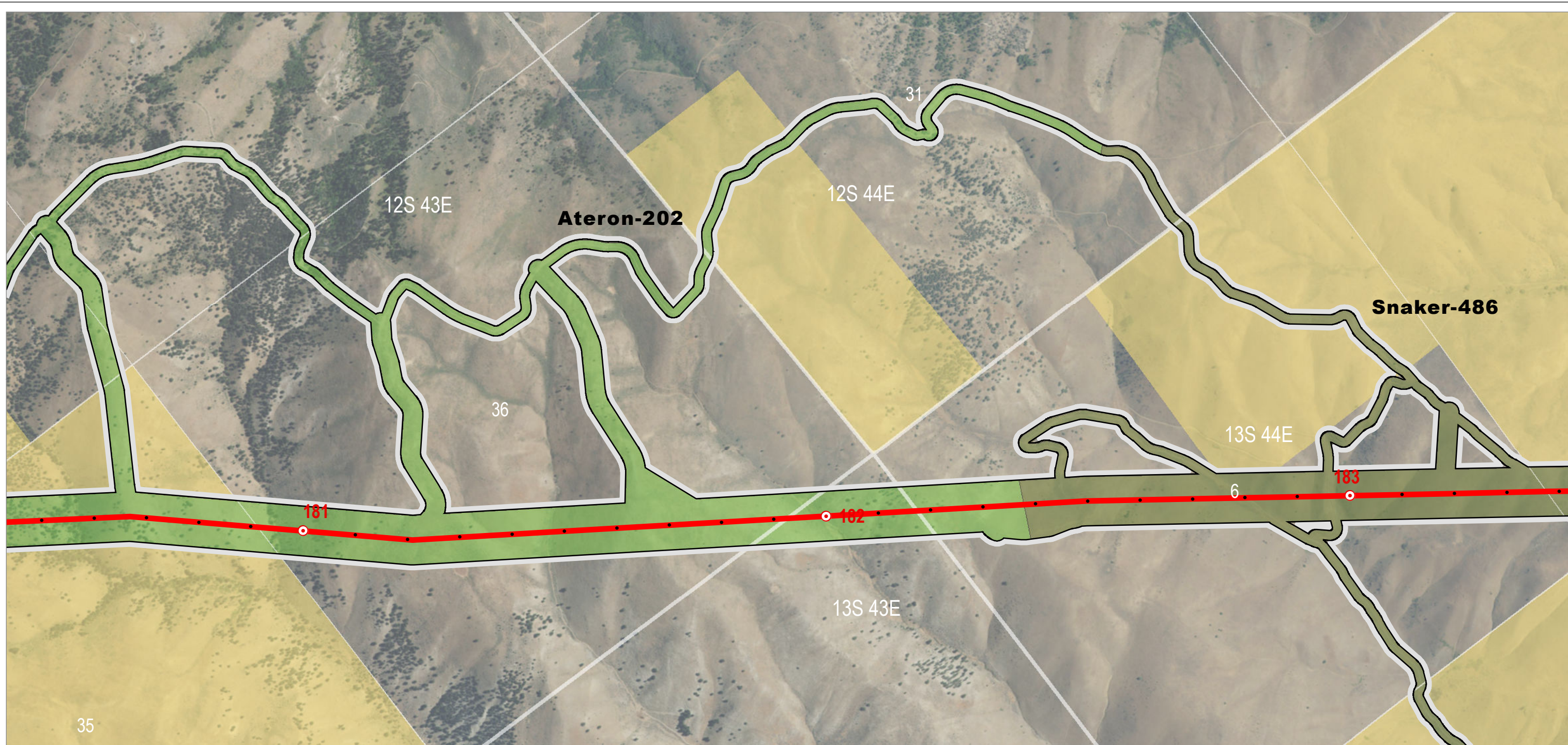
Map 85

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

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**Project Features**

- Site Boundary
- Proposed Route

**Mileposts**

- Mile
- Tenth-mile

**STATSGO Soil Factors**

- Ateron
- Snaker

**Land Status**

- Bureau of Land Management
- Private



Boardman to Hemingway  
Transmission Line Project

**Attachment I-1  
Soil Mapping Units**

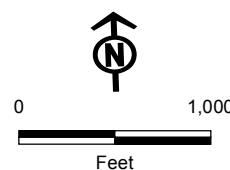
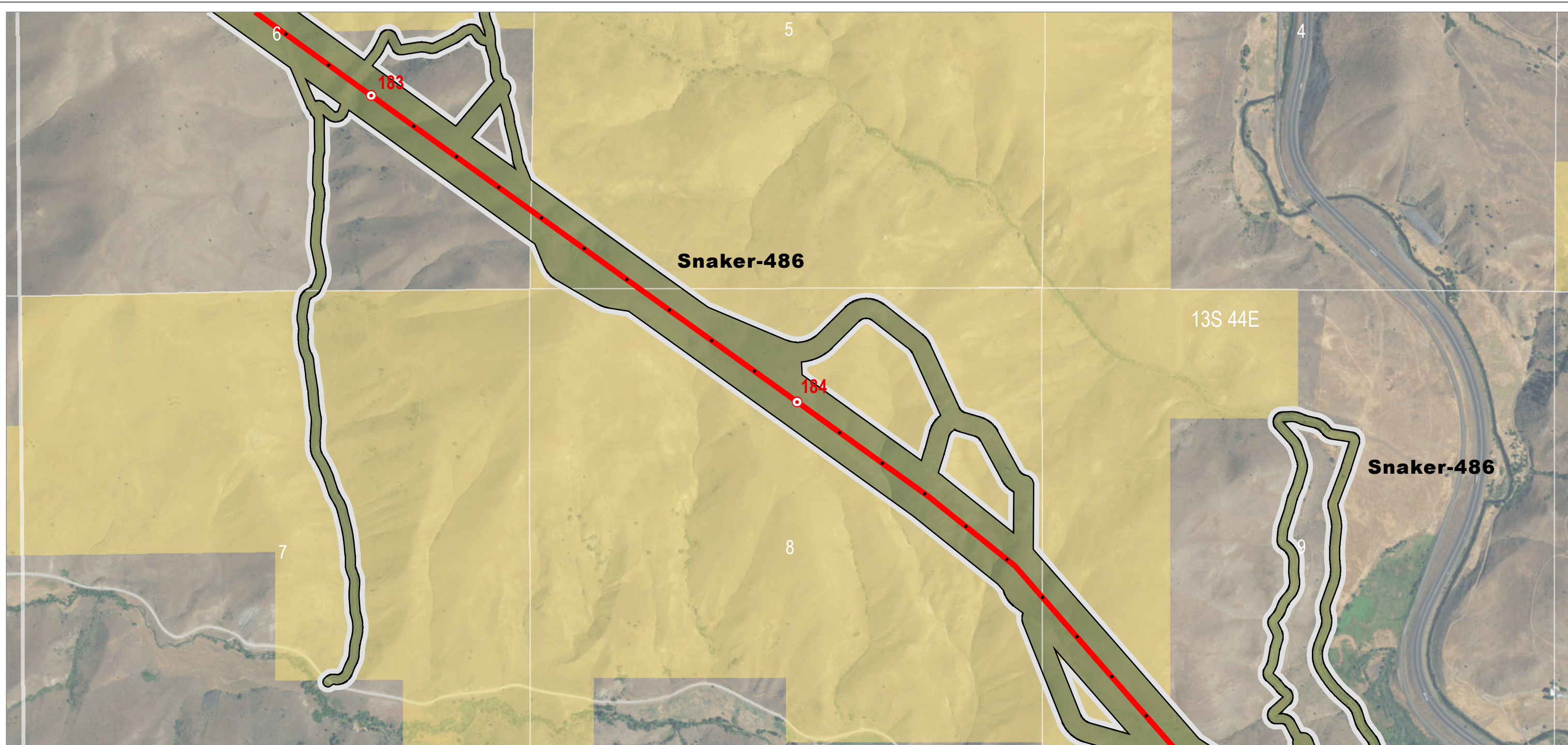
Proposed Route  
Baker County

Map 86

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

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June 2017



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

- STATSGO Soil Factors**
- Snaker

- Land Status**
- Bureau of Land Management
  - Private

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Boardman to Hemingway  
Transmission Line Project

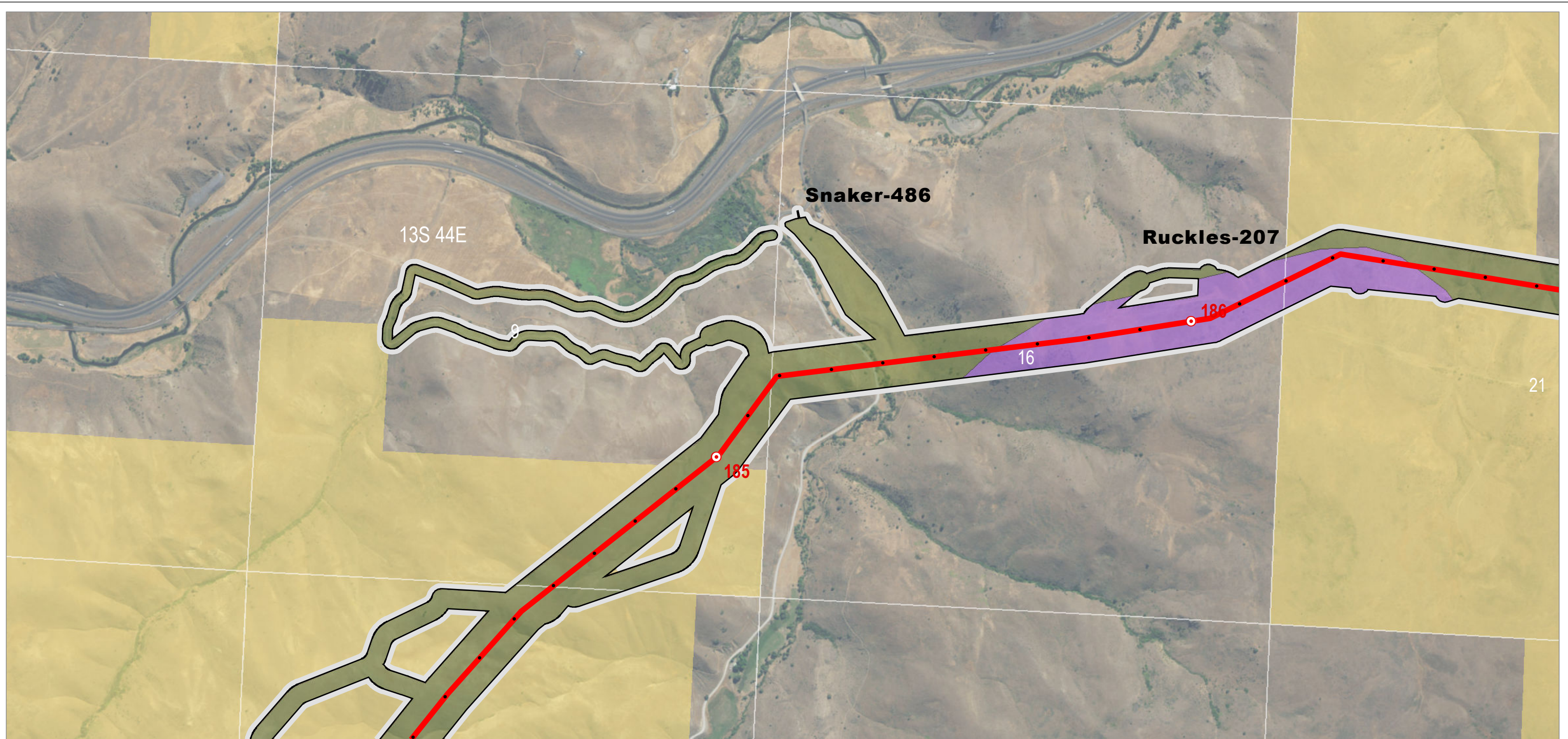
**Attachment I-1  
Soil Mapping Units**

Proposed Route  
Baker County

Map 87

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

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- |                         |                             |                             |
|-------------------------|-----------------------------|-----------------------------|
| <b>Project Features</b> | <b>STATSGO Soil Factors</b> | <b>Land Status</b>          |
| □ Site Boundary         | ■ Ruckles                   | ■ Bureau of Land Management |
| — Proposed Route        | ■ Snaker                    | □ Private                   |
| <b>Mileposts</b>        |                             |                             |
| ○ Mile                  |                             |                             |
| • Tenth-mile            |                             |                             |

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Transmission Line Project

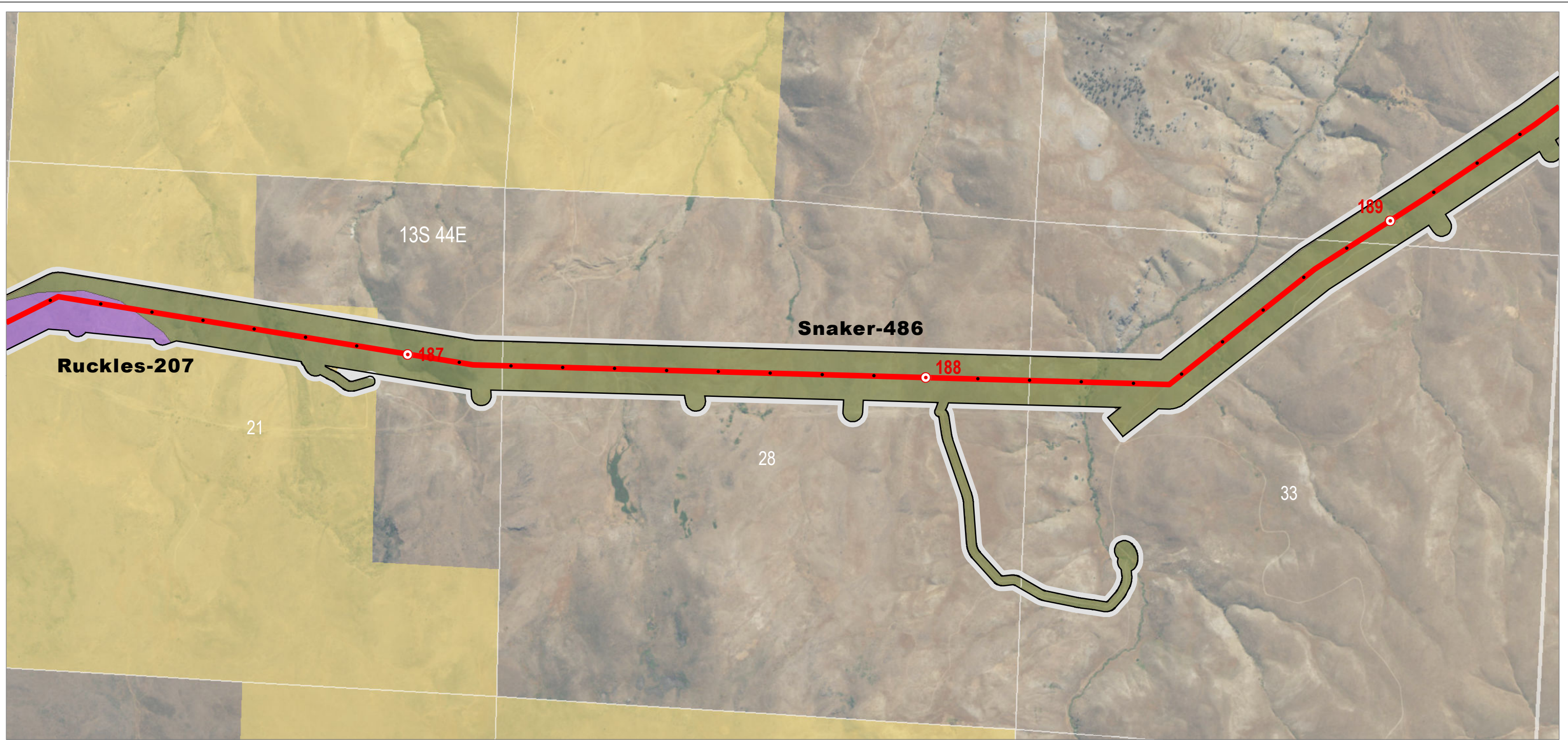
**Attachment I-1  
Soil Mapping Units**

Proposed Route  
Baker County

Map 88

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

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- |   |   |  |
|---|---|--|
| <b>Project Features</b>   | <b>STATSGO Soil Factors</b>   | <b>Land Status</b>   |
| <ul style="list-style-type: none"> <li><span style="border: 1px solid black; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> Site Boundary</li> <li><span style="border-bottom: 2px solid red; display: inline-block; width: 20px; margin-right: 5px;"></span> Proposed Route</li> </ul>  | <ul style="list-style-type: none"> <li><span style="background-color: #ccccff; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> Ruckles</li> <li><span style="background-color: #999966; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> Snaker</li> </ul> | <ul style="list-style-type: none"> <li><span style="background-color: #ffff99; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> Bureau of Land Management</li> <li><span style="border: 1px solid black; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> Private</li> </ul> |
| <b>Mileposts</b>  |   |  |
| <ul style="list-style-type: none"> <li><span style="border: 1px solid red; border-radius: 50%; padding: 2px; display: inline-block; width: 10px; height: 10px; margin-right: 5px;"></span> Mile</li> <li><span style="display: inline-block; width: 5px; height: 5px; margin-right: 5px;"></span> Tenth-mile</li> </ul> |   |  |

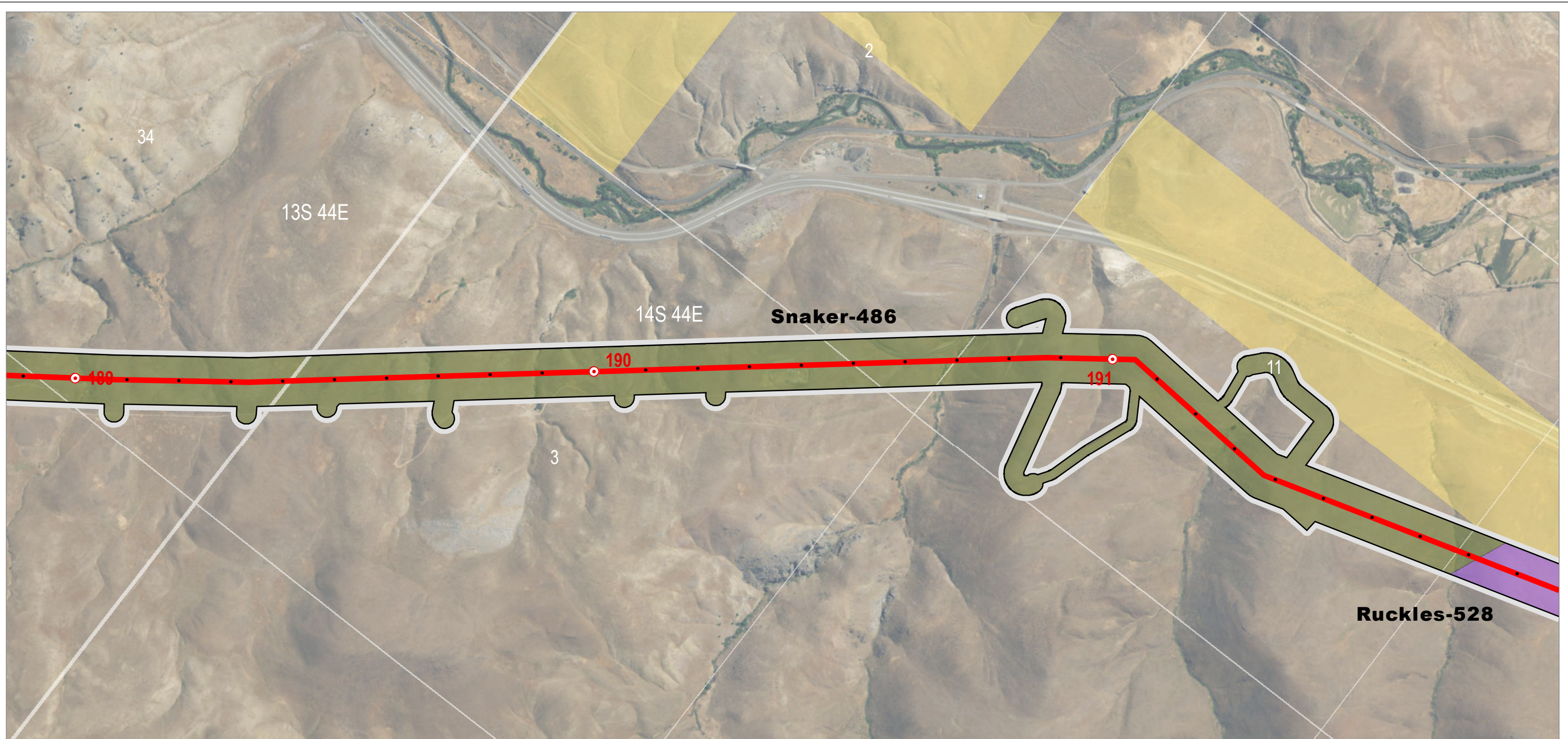
**Attachment I-1  
Soil Mapping Units**

Proposed Route  
Baker County

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

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|--|--|--|
| <b>Project Features</b>  | <b>STATSGO Soil Factors</b>  | <b>Land Status</b>   |
| <ul style="list-style-type: none"> <li><span style="border: 1px solid black; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> Site Boundary</li> <li><span style="border-bottom: 2px solid red; display: inline-block; width: 20px; margin-right: 5px;"></span> Proposed Route</li> </ul>             | <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: purple; margin-right: 5px;"></span> Ruckles</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: olive; margin-right: 5px;"></span> Snaker</li> </ul> | <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: yellow; border: 1px solid black; margin-right: 5px;"></span> Bureau of Land Management</li> <li><span style="border: 1px solid black; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> Private</li> </ul> |
| <b>Mileposts</b>   |  |  |
| <ul style="list-style-type: none"> <li><span style="border: 1px solid red; border-radius: 50%; width: 10px; height: 10px; display: inline-block; margin-right: 5px;"></span> Mile</li> <li><span style="display: inline-block; width: 5px; height: 5px; background-color: black; margin-right: 5px;"></span> Tenth-mile</li> </ul> |  |  |

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Boardman to Hemingway  
Transmission Line Project

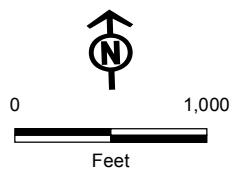
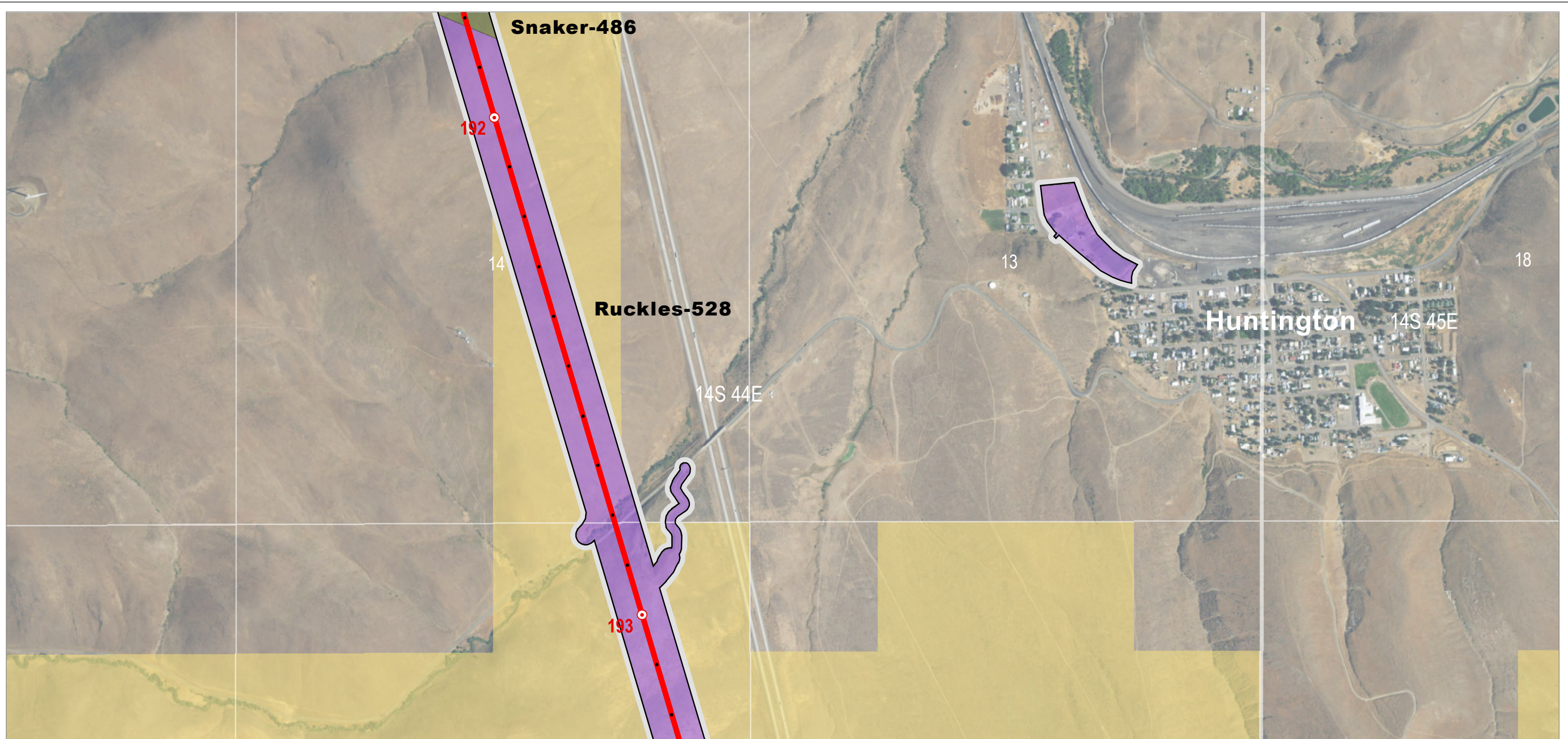
**Attachment I-1  
Soil Mapping Units**

Proposed Route  
Baker County

Map 90

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

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**Project Features**

- Site Boundary
- Proposed Route
- Mileposts**
- Mile
- Tenth-mile

**STATSGO Soil Factors**

- Ruckles
- Snaker

**Land Status**

- Bureau of Land Management
- Private



Boardman to Hemingway  
Transmission Line Project

**Attachment I-1  
Soil Mapping Units**

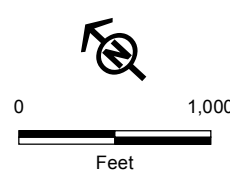
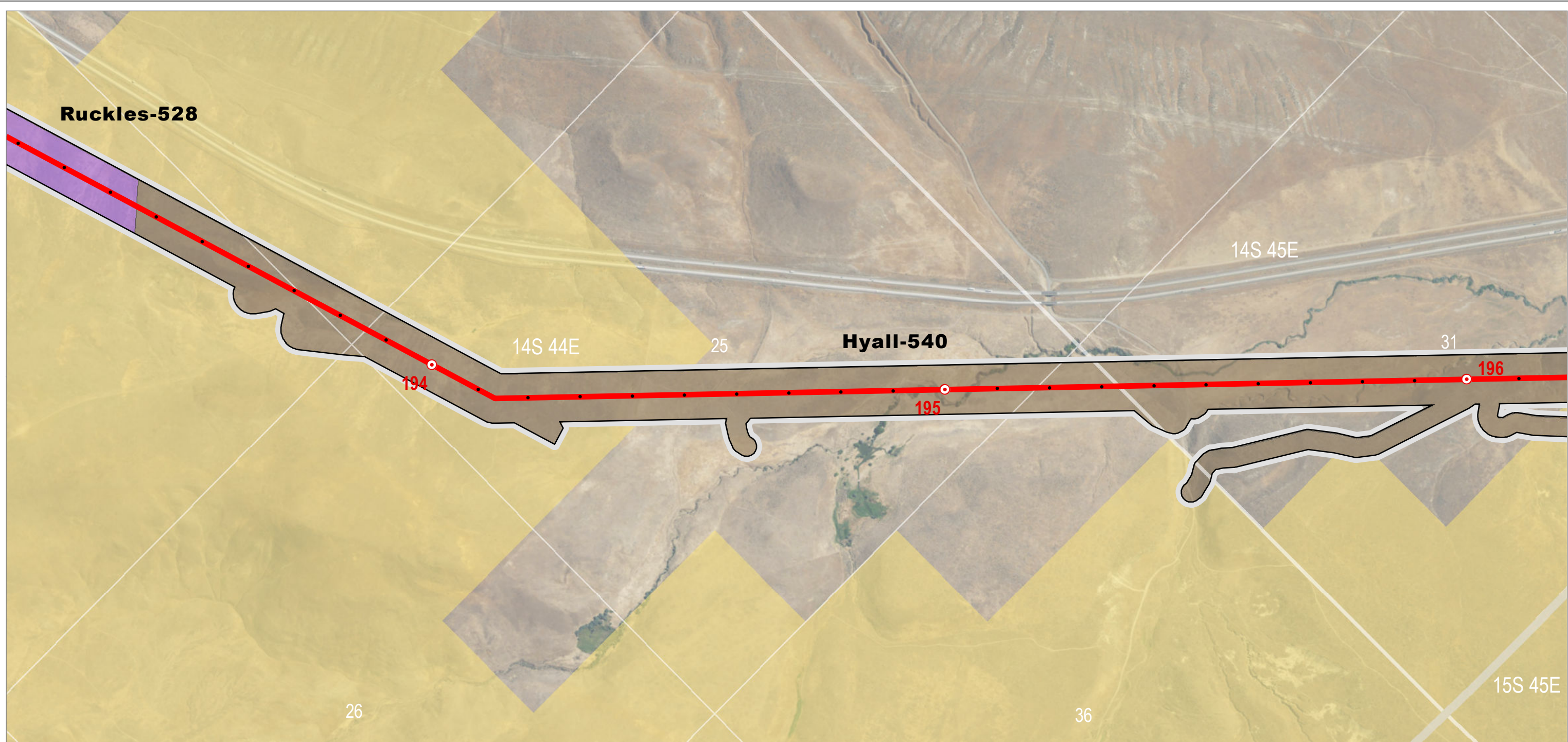
Proposed Route  
Baker County

Map 91

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

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**Project Features**

- Site Boundary
- Proposed Route
- Mileposts**
- Mile
- Tenth-mile

**STATSGO Soil Factors**

- Hyall
- Ruckles

**Land Status**

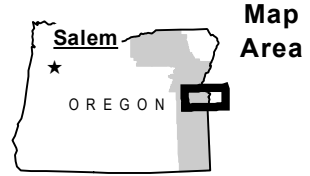
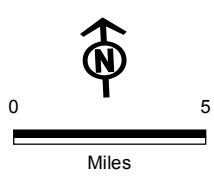
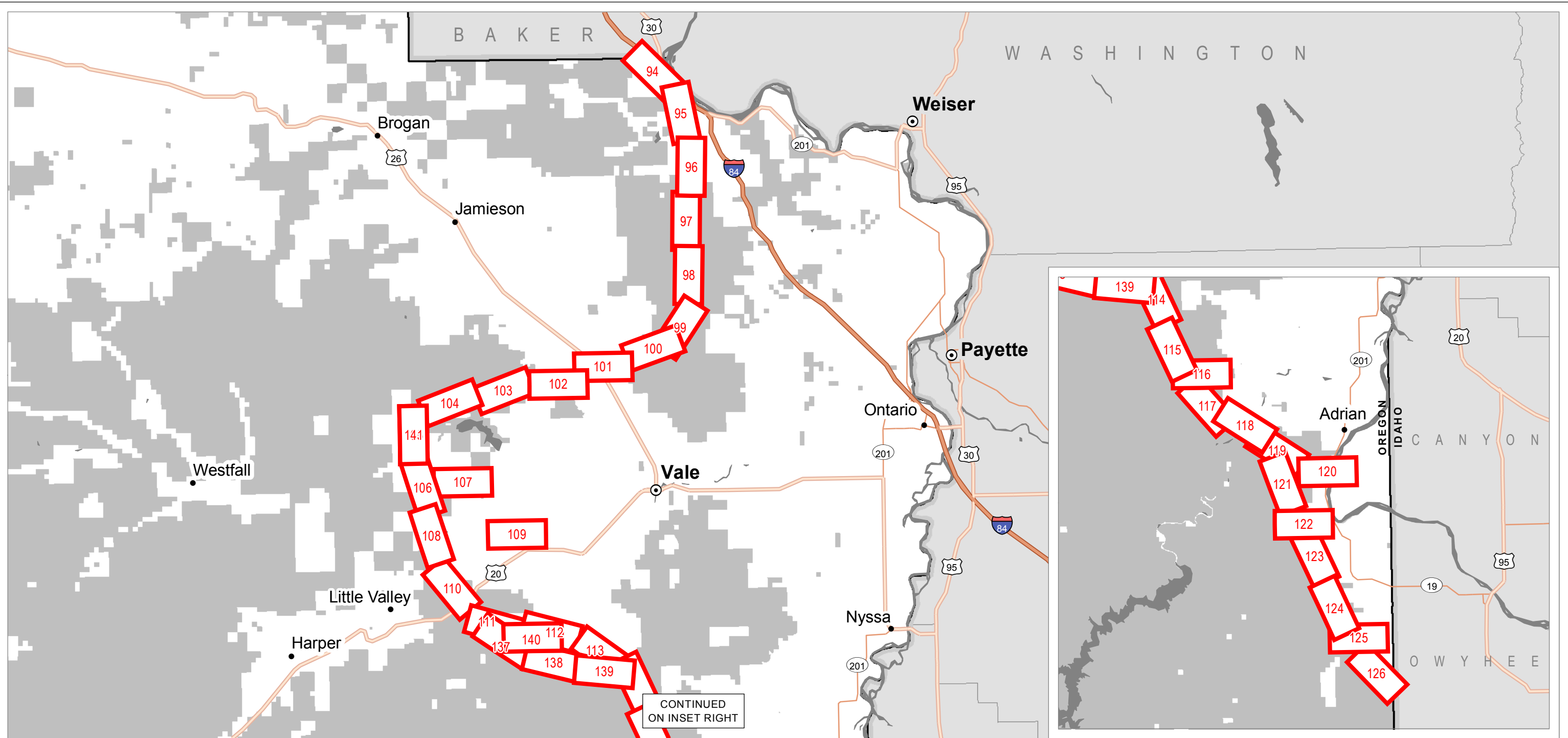
- Bureau of Land Management
- Private

**Attachment I-1  
Soil Mapping Units**

Proposed Route  
Baker County

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

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Map Index  
 [Red Box] Location Map (Map #)

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Boardman to Hemingway  
 Transmission Line Project

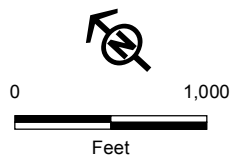
**Attachment I-1**  
**Soil Mapping Units**  
**Location Maps**  
 Malheur County  
 Map Index

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

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**Project Features**

- Site Boundary
- Proposed Route
- Mileposts**
- Mile
- Tenth-mile

**STATSGO Soil Factors**

- Hyall

**Land Status**

- Bureau of Land Management
- Fish and Wildlife Service
- Private



Boardman to Hemingway  
Transmission Line Project

**Attachment I-1  
Soil Mapping Units**

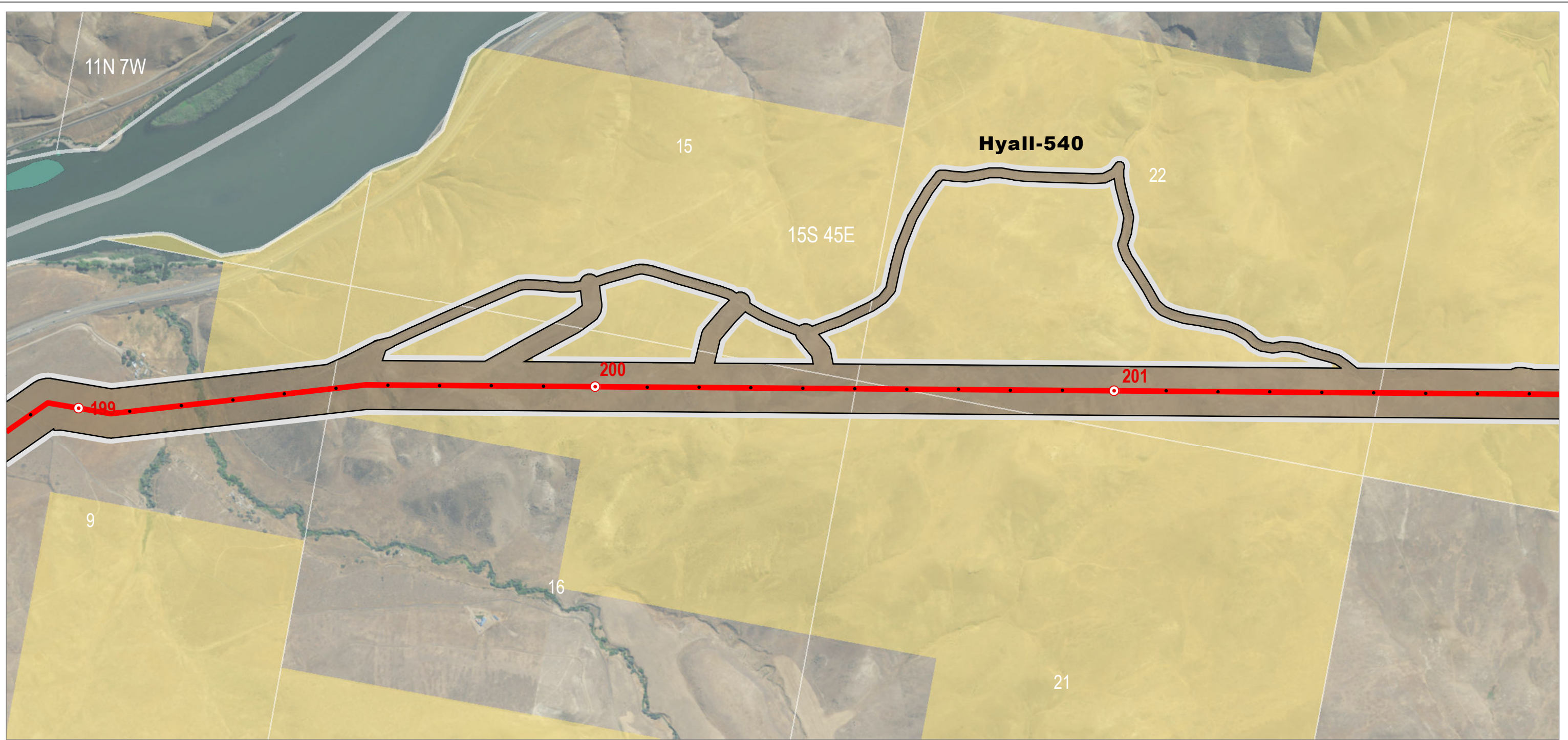
Proposed Route  
Malheur County

Map 93

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

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- |   |  |  |
|---|--|--|
| <p><b>Project Features</b></p> <ul style="list-style-type: none"> <li><span style="border: 1px solid black; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> Site Boundary</li> <li><span style="background-color: red; display: inline-block; width: 15px; height: 5px; margin-right: 5px;"></span> Proposed Route</li> </ul> <p><b>Mileposts</b></p> <ul style="list-style-type: none"> <li><span style="border: 1px solid red; border-radius: 50%; width: 10px; height: 10px; display: inline-block; margin-right: 5px;"></span> Mile</li> <li><span style="display: inline-block; width: 5px; height: 5px; margin-right: 5px;"></span> Tenth-mile</li> </ul> | <p><b>STATSGO Soil Factors</b></p> <ul style="list-style-type: none"> <li><span style="background-color: #808080; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> Hyall</li> </ul> | <p><b>Land Status</b></p> <ul style="list-style-type: none"> <li><span style="background-color: yellow; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> Bureau of Land Management</li> <li><span style="background-color: #008080; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> Fish and Wildlife Service</li> <li><span style="border: 1px solid black; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> Private</li> </ul> |
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**IDAHO POWER**  
An IDACORP Company

Boardman to Hemingway  
Transmission Line Project

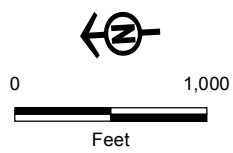
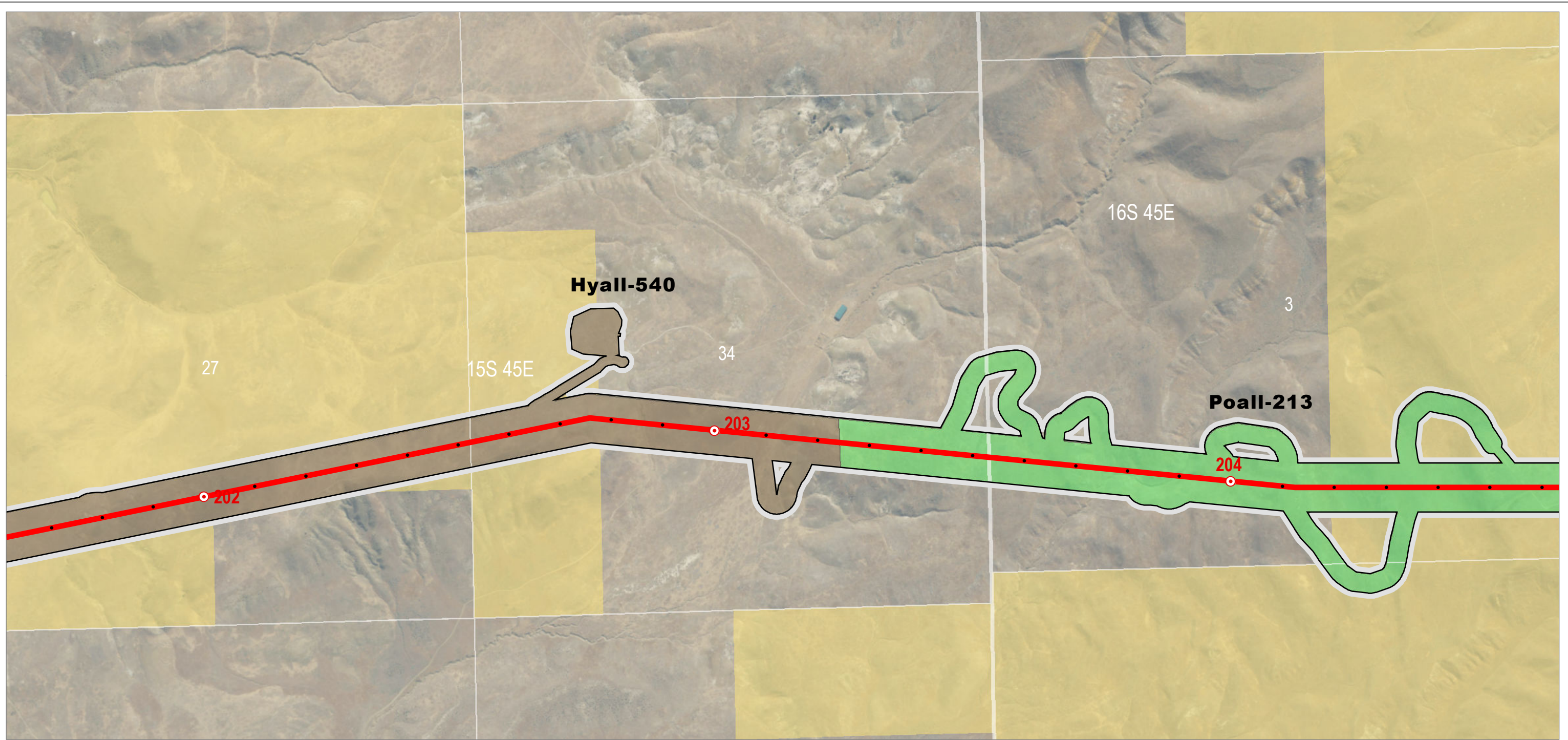
**Attachment I-1  
Soil Mapping Units**

Proposed Route  
Malheur County

Map 94

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

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**Project Features**

- Site Boundary
- Proposed Route
- Mileposts**
- Mile
- Tenth-mile

**STATSGO Soil Factors**

- Hyall
- Poall

**Land Status**

- Bureau of Land Management
- Private



Boardman to Hemingway  
Transmission Line Project

**Attachment I-1  
Soil Mapping Units**

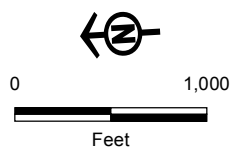
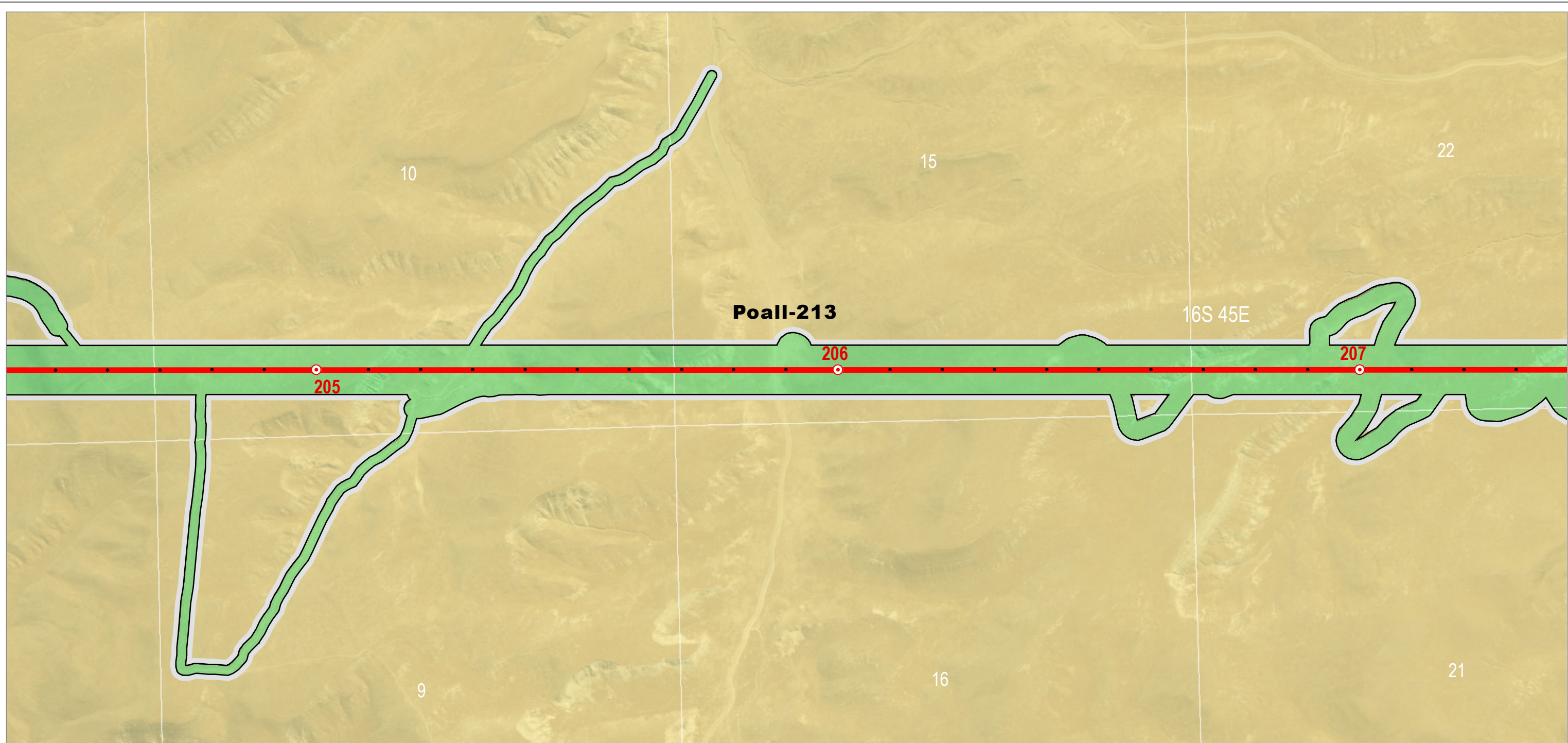
Proposed Route  
Malheur County

Map 95

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

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

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**Project Features**

- Site Boundary
- Proposed Route

**Mileposts**

- Mile
- Tenth-mile

**STATSGO Soil Factors**

- Poall

**Land Status**

- Bureau of Land Management

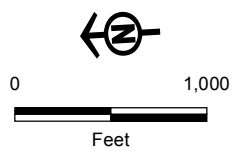
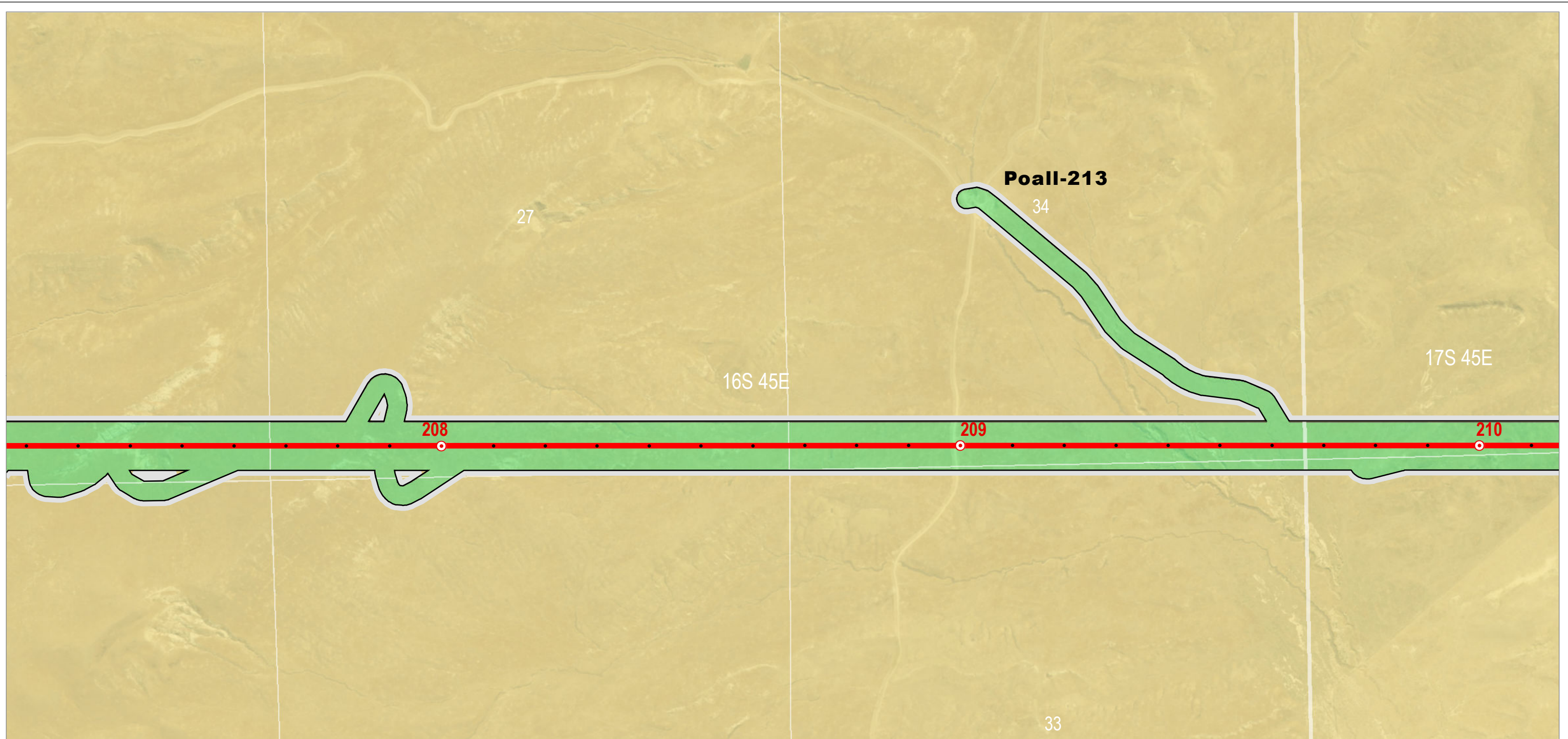


Boardman to Hemingway  
Transmission Line Project

**Attachment I-1  
Soil Mapping Units**

Proposed Route  
Malheur County

Map 96



**Project Features**

- Site Boundary
- Proposed Route

**Mileposts**

- Mile
- Tenth-mile

**STATSGO Soil Factors**

- Poall

**Land Status**

- Bureau of Land Management



Boardman to Hemingway  
Transmission Line Project

**Attachment I-1  
Soil Mapping Units**

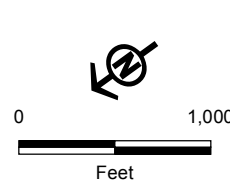
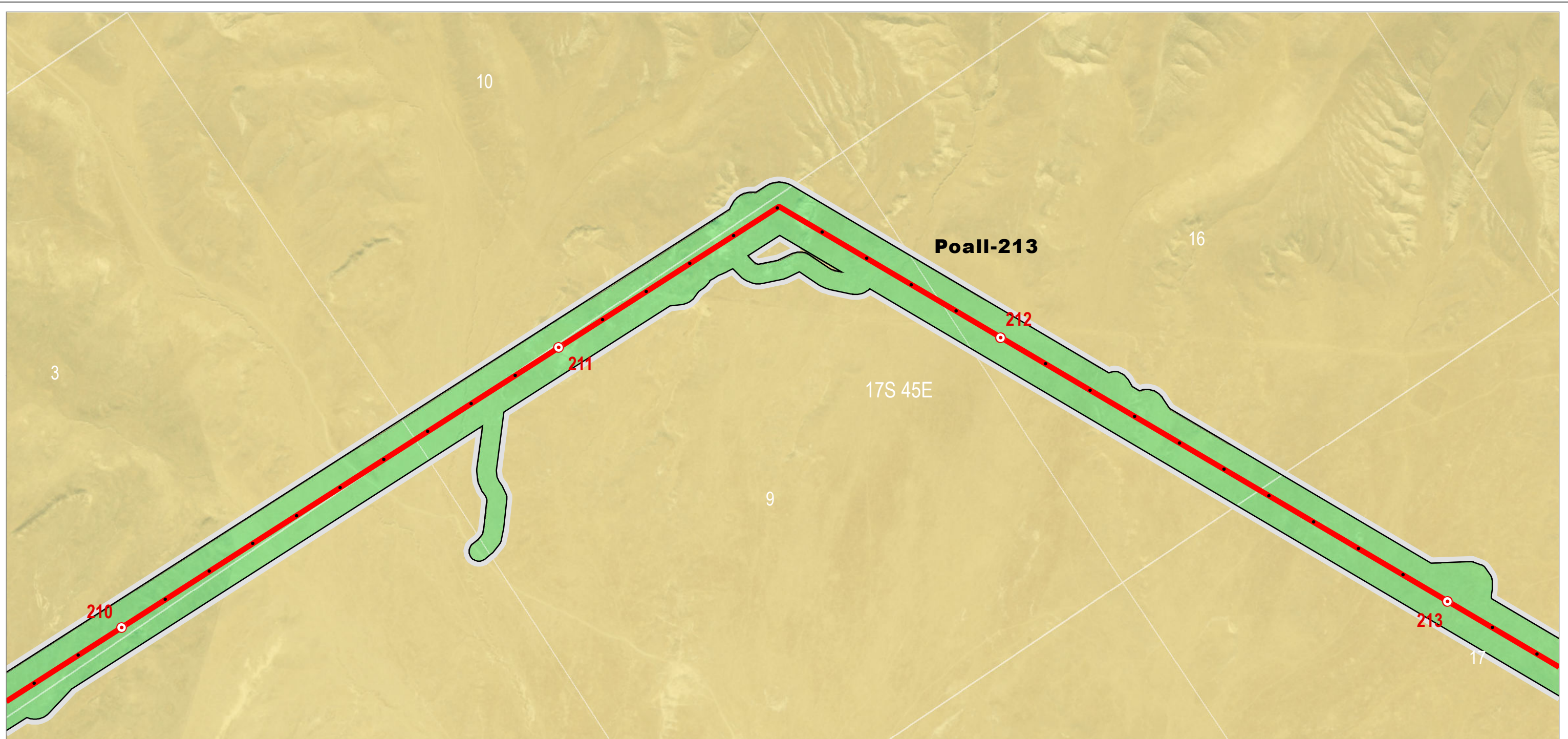
Proposed Route  
Malheur County

Map 97

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

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

- STATSGO Soil Factors**
- Poall

- Land Status**
- Bureau of Land Management

**IDAHO POWER**  
An IDACORP Company

Boardman to Hemingway  
Transmission Line Project

**Attachment I-1  
Soil Mapping Units**

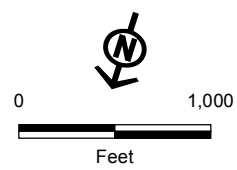
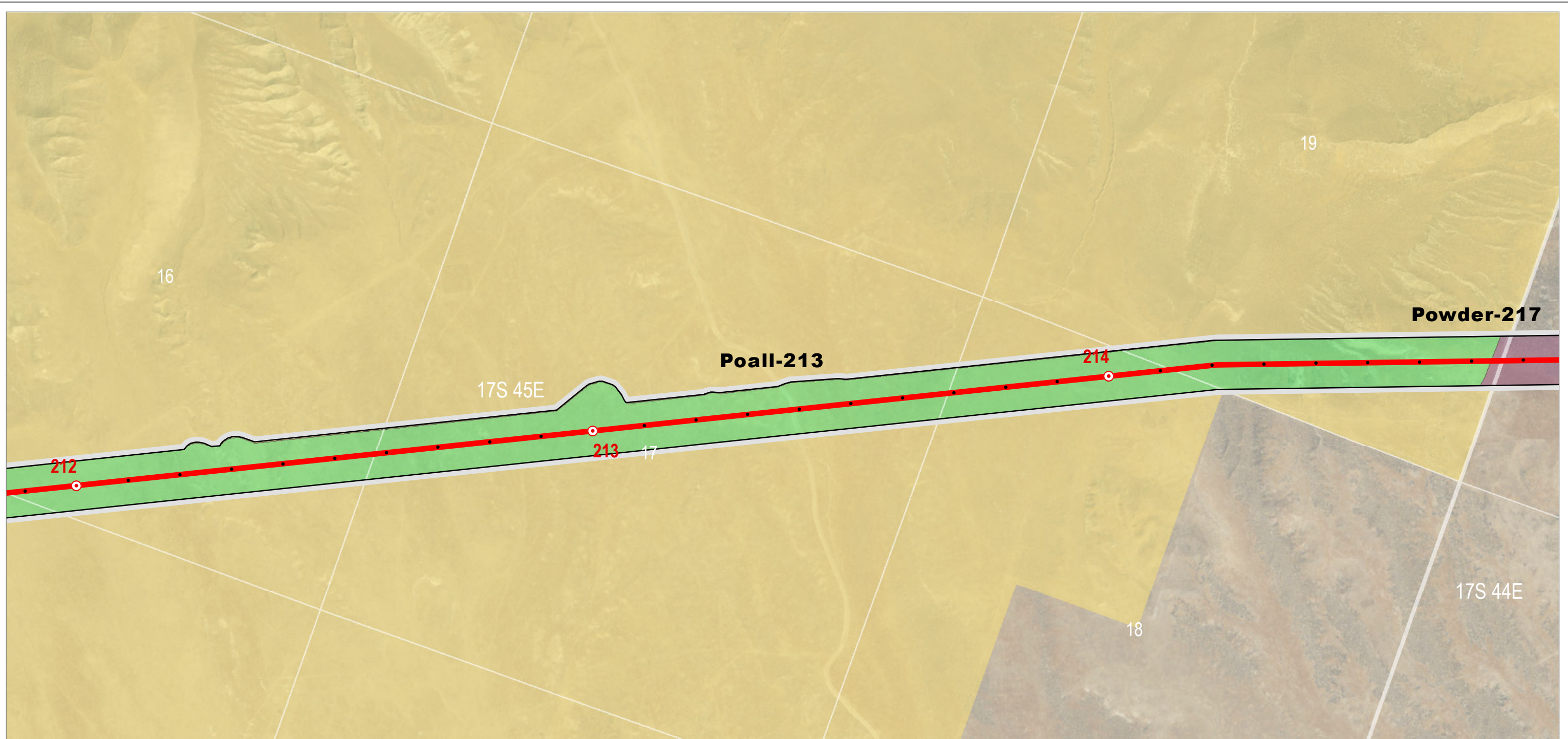
Proposed Route  
Malheur County

Map 98

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

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

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**Project Features**

- Site Boundary
- Proposed Route

**Mileposts**

- Mile
- Tenth-mile

**STATSGO Soil Factors**

- Poall
- Powder

**Land Status**

- Bureau of Land Management
- Private

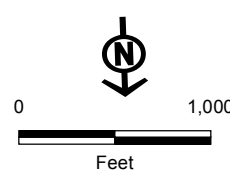
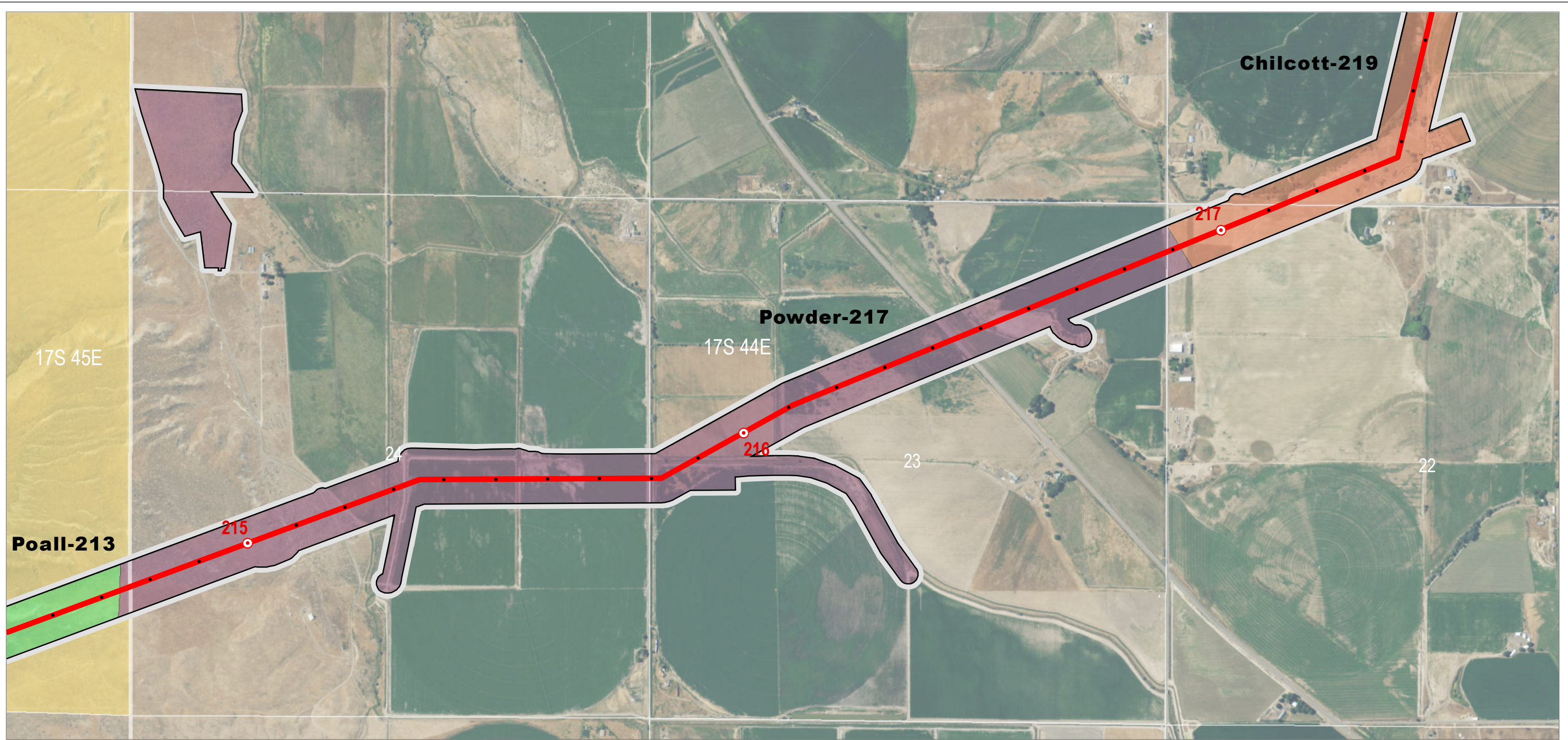


Boardman to Hemingway  
Transmission Line Project

**Attachment I-1  
Soil Mapping Units**

Proposed Route  
Malheur County

Map 99



- | Project Features | STATSGO Soil Factors | Land Status               |
|------------------|----------------------|---------------------------|
| Site Boundary    | Chilcott             | Bureau of Land Management |
| Proposed Route   | Poall                | Private                   |
| <b>Mileposts</b> | Powder               |                           |
| Mile             |                      |                           |
| Tenth-mile       |                      |                           |

**IDAHO POWER**  
An IDACORP Company

Boardman to Hemingway  
Transmission Line Project

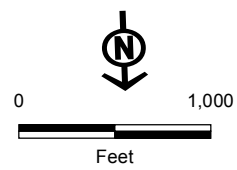
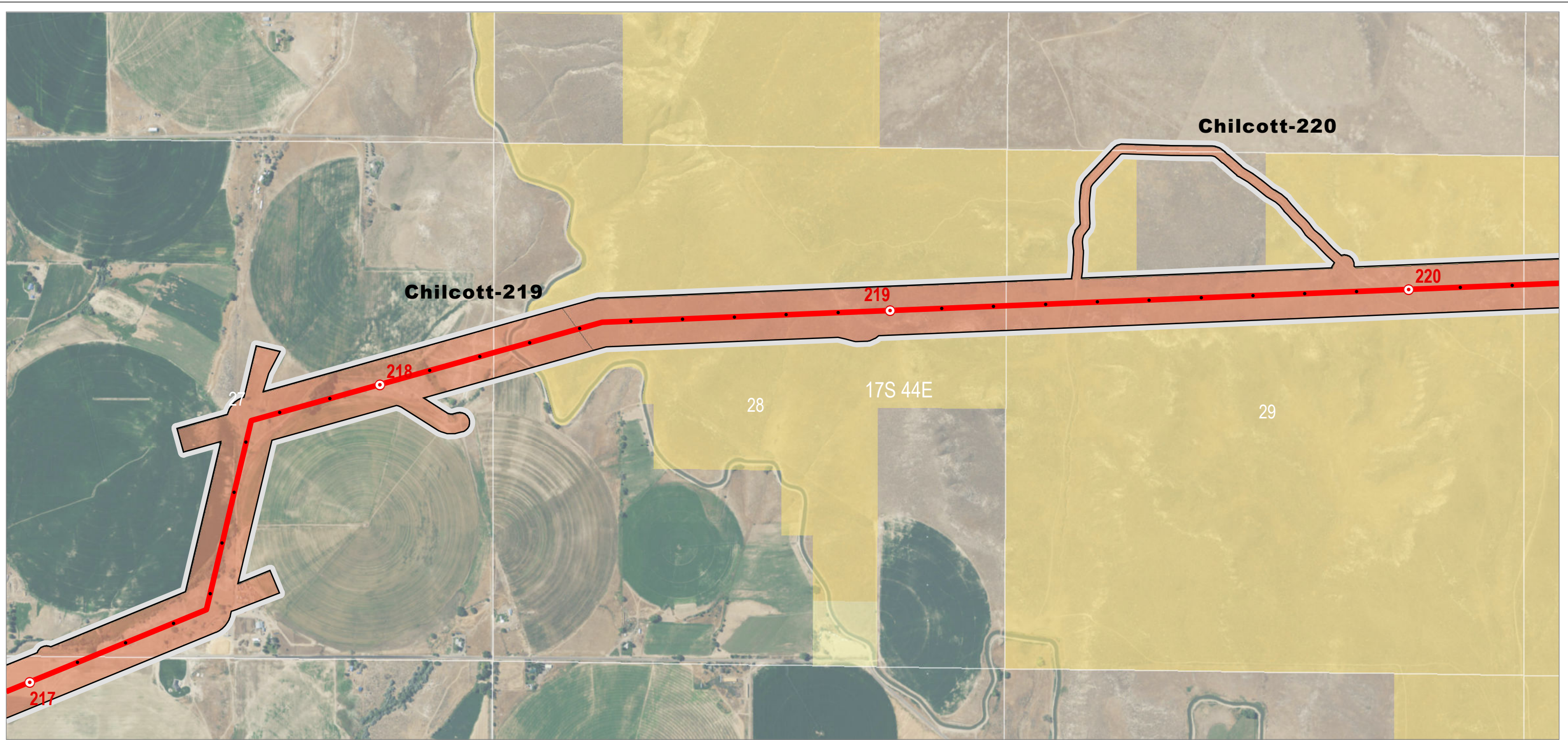
**Attachment I-1  
Soil Mapping Units**

Proposed Route  
Malheur County

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

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

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**Project Features**

- Site Boundary
- Proposed Route
- Mileposts**
- Mile
- Tenth-mile

**STATSGO Soil Factors**

- Chilcott

**Land Status**

- Bureau of Land Management
- Bureau of Reclamation
- Private

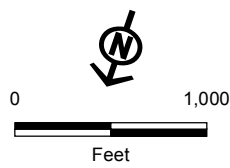
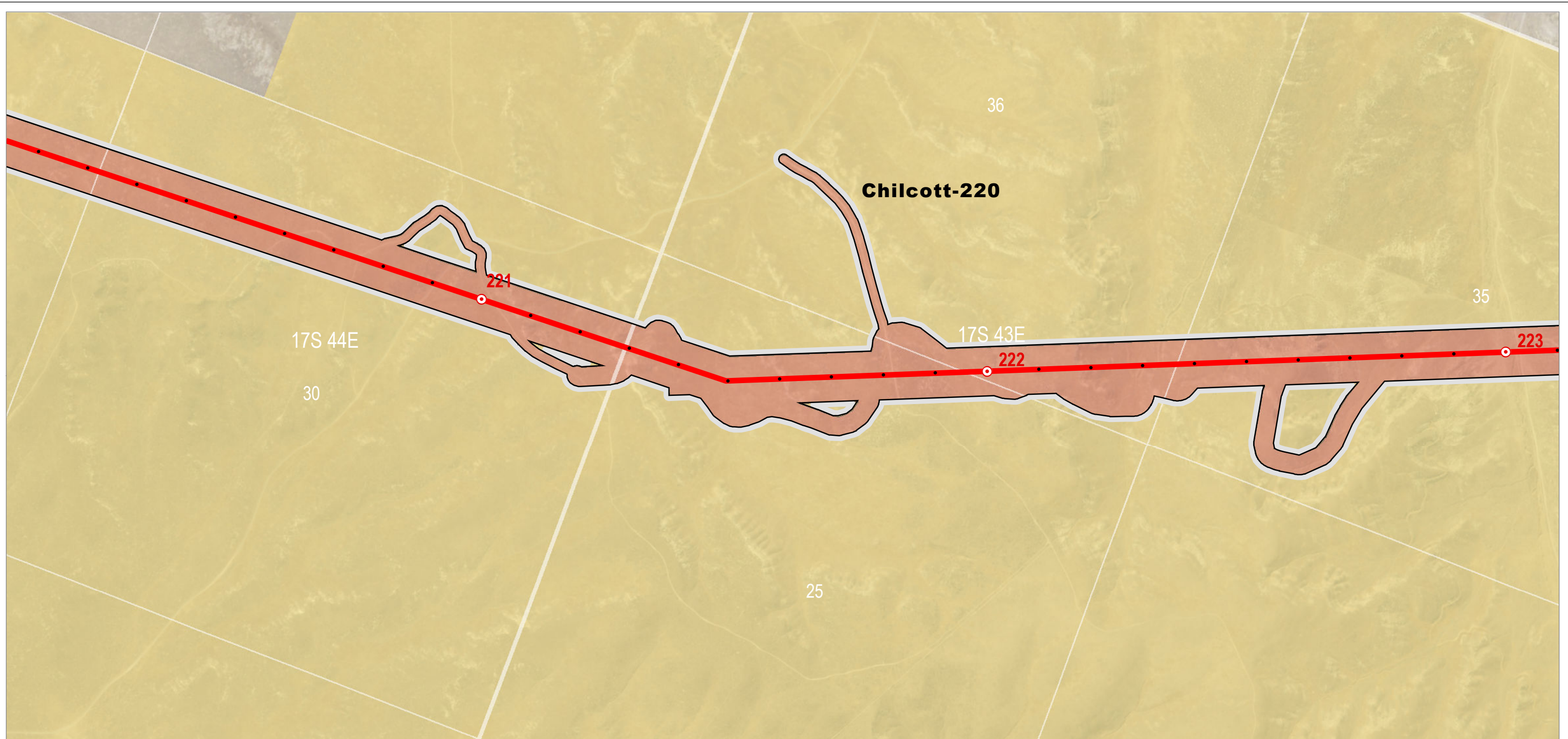


Boardman to Hemingway  
Transmission Line Project

**Attachment I-1  
Soil Mapping Units**

Proposed Route  
Malheur County

Map 101



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

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**Project Features**

- Site Boundary
- Proposed Route
- Mileposts**
- Mile
- Tenth-mile

**STATSGO Soil Factors**

- Chilcott

**Land Status**

- Bureau of Land Management
- Private

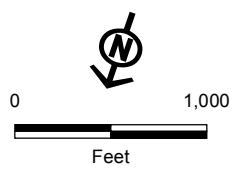
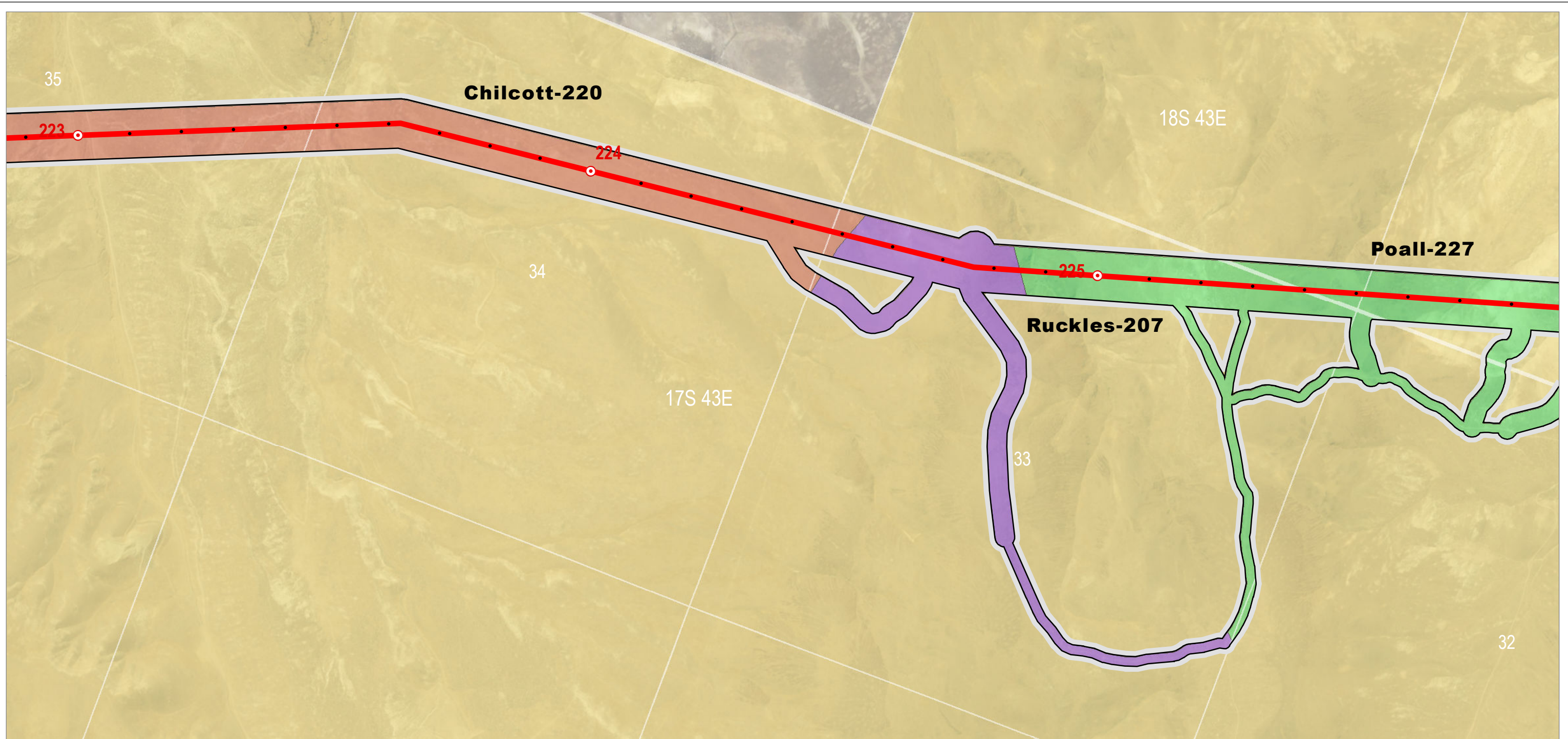


Boardman to Hemingway  
Transmission Line Project

**Attachment I-1  
Soil Mapping Units**

Proposed Route  
Malheur County

Map 102



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

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**Project Features**

- Site Boundary
- Proposed Route
- Mileposts**
- Mile
- Tenth-mile

**STATSGO Soil Factors**

- Chilcott
- Poall
- Ruckles

**Land Status**

- Bureau of Land Management
- Bureau of Reclamation
- Private

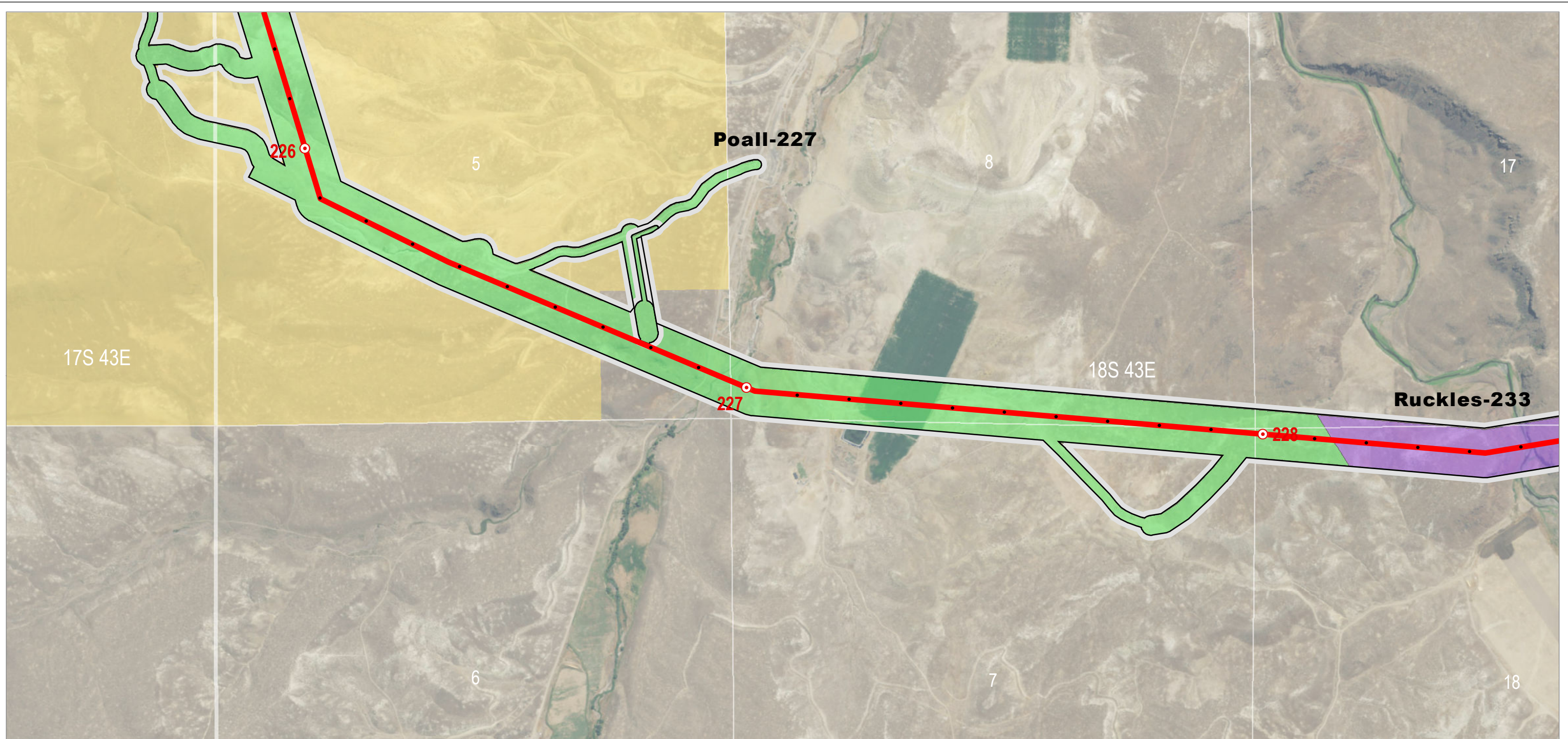


Boardman to Hemingway  
Transmission Line Project

**Attachment I-1  
Soil Mapping Units**

Proposed Route  
Malheur County

Map 103



- |   |   |  |
|---|---|--|
| <p><b>Project Features</b></p> <ul style="list-style-type: none"> <li>□ Site Boundary</li> <li>— Proposed Route</li> </ul> <p><b>Mileposts</b></p> <ul style="list-style-type: none"> <li>○ Mile</li> <li>• Tenth-mile</li> </ul> | <p><b>STATSGO Soil Factors</b></p> <ul style="list-style-type: none"> <li>■ Poall</li> <li>■ Ruckles</li> </ul> | <p><b>Land Status</b></p> <ul style="list-style-type: none"> <li>■ Bureau of Land Management</li> <li>□ Private</li> </ul> |
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**IDAHO POWER**  
An IDACORP Company

Boardman to Hemingway  
Transmission Line Project

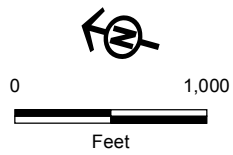
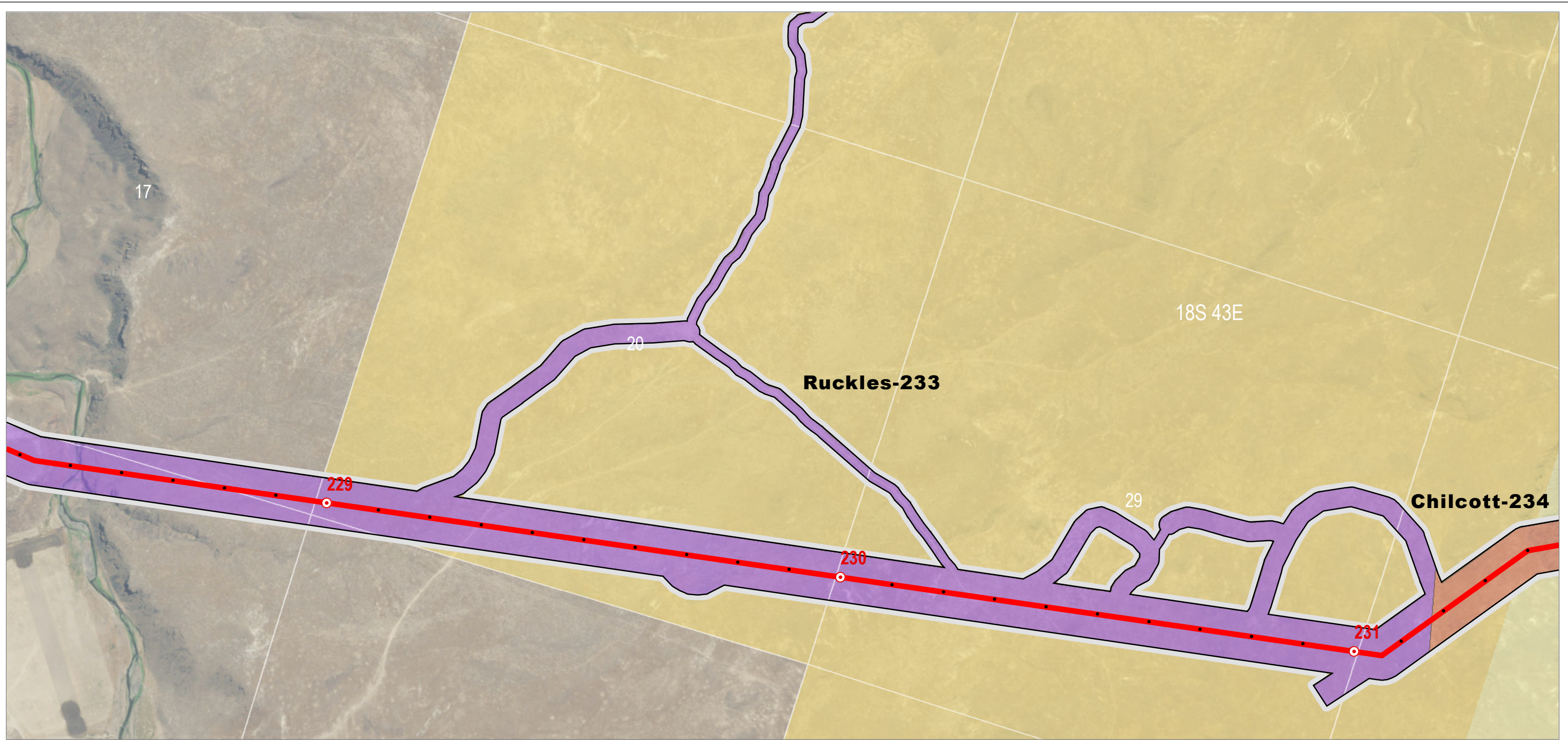
**Attachment I-1  
Soil Mapping Units**

Proposed Route  
Malheur County

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

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**Project Features**

- Site Boundary
- Proposed Route
- Mileposts**
- Mile
- Tenth-mile

**STATSGO Soil Factors**

- Chilcott
- Ruckles

**Land Status**

- Bureau of Land Management
- Bureau of Reclamation
- Private



Boardman to Hemingway  
Transmission Line Project

**Attachment I-1  
Soil Mapping Units**

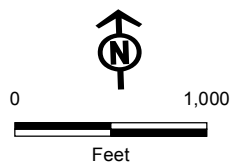
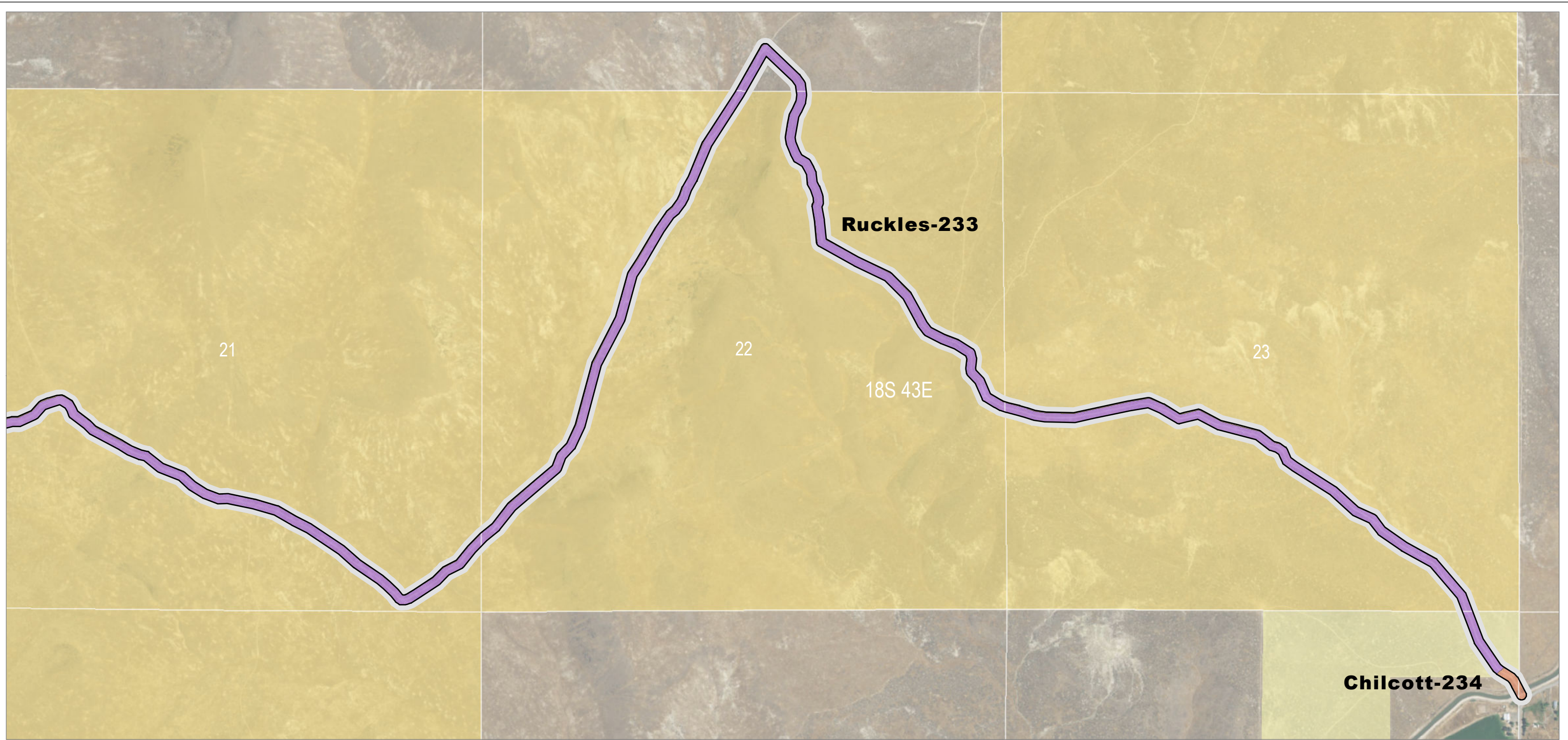
Proposed Route  
Malheur County

Map 105

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

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

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**Project Features**  
 Site Boundary

**STATSGO Soil Factors**  
 Chilcott  
 Ruckles

**Land Status**  
 Bureau of Land Management  
 Bureau of Reclamation  
 Private

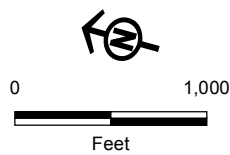
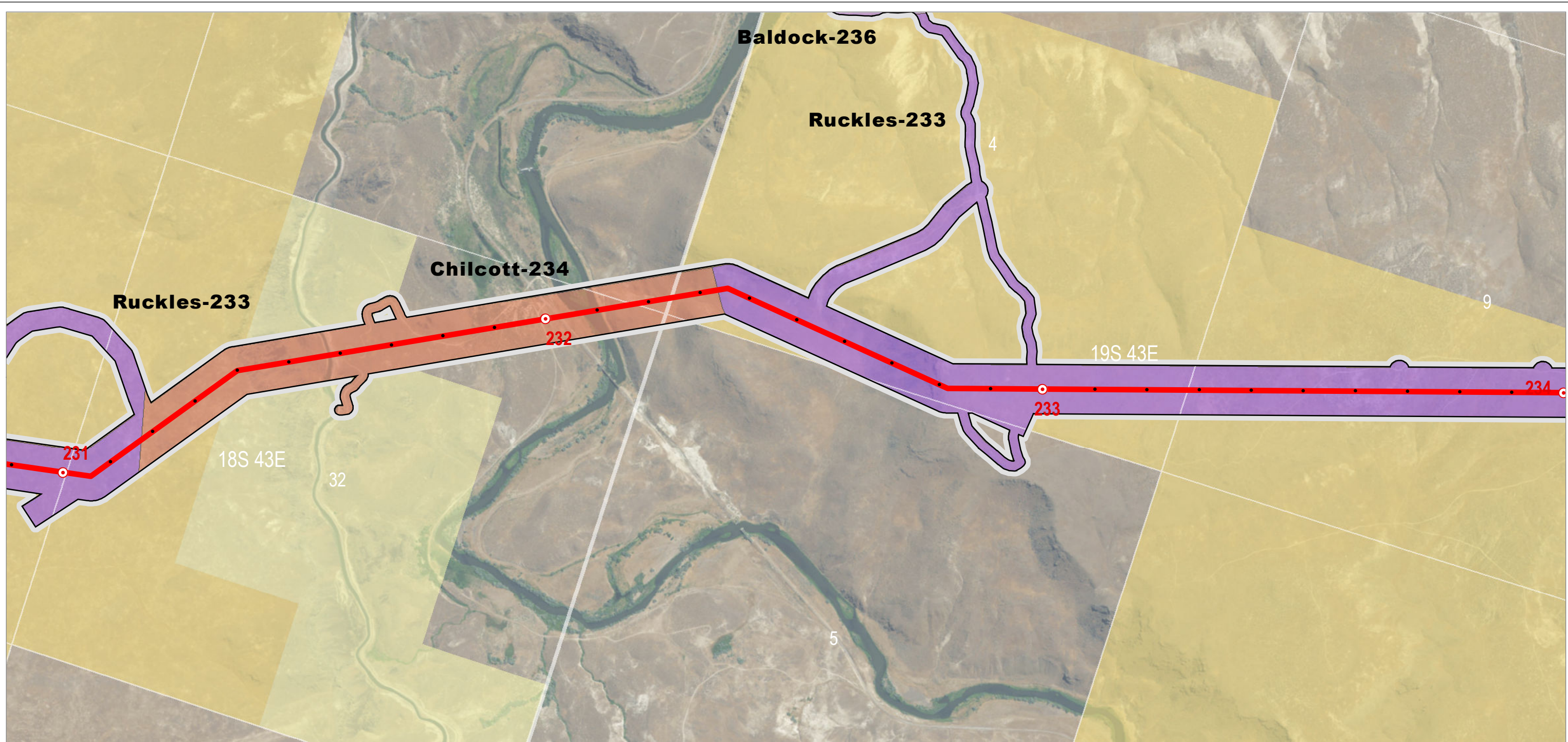


Boardman to Hemingway  
Transmission Line Project

**Attachment I-1  
Soil Mapping Units**

Proposed Route  
Malheur County

Map 106



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

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**Project Features**

- Site Boundary
- Proposed Route
- Mileposts**
- Mile
- Tenth-mile

**STATSGO Soil Factors**

- Baldock
- Chilcott
- Ruckles

**Land Status**

- Bureau of Land Management
- Bureau of Reclamation
- Private

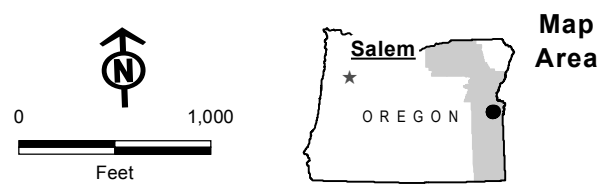
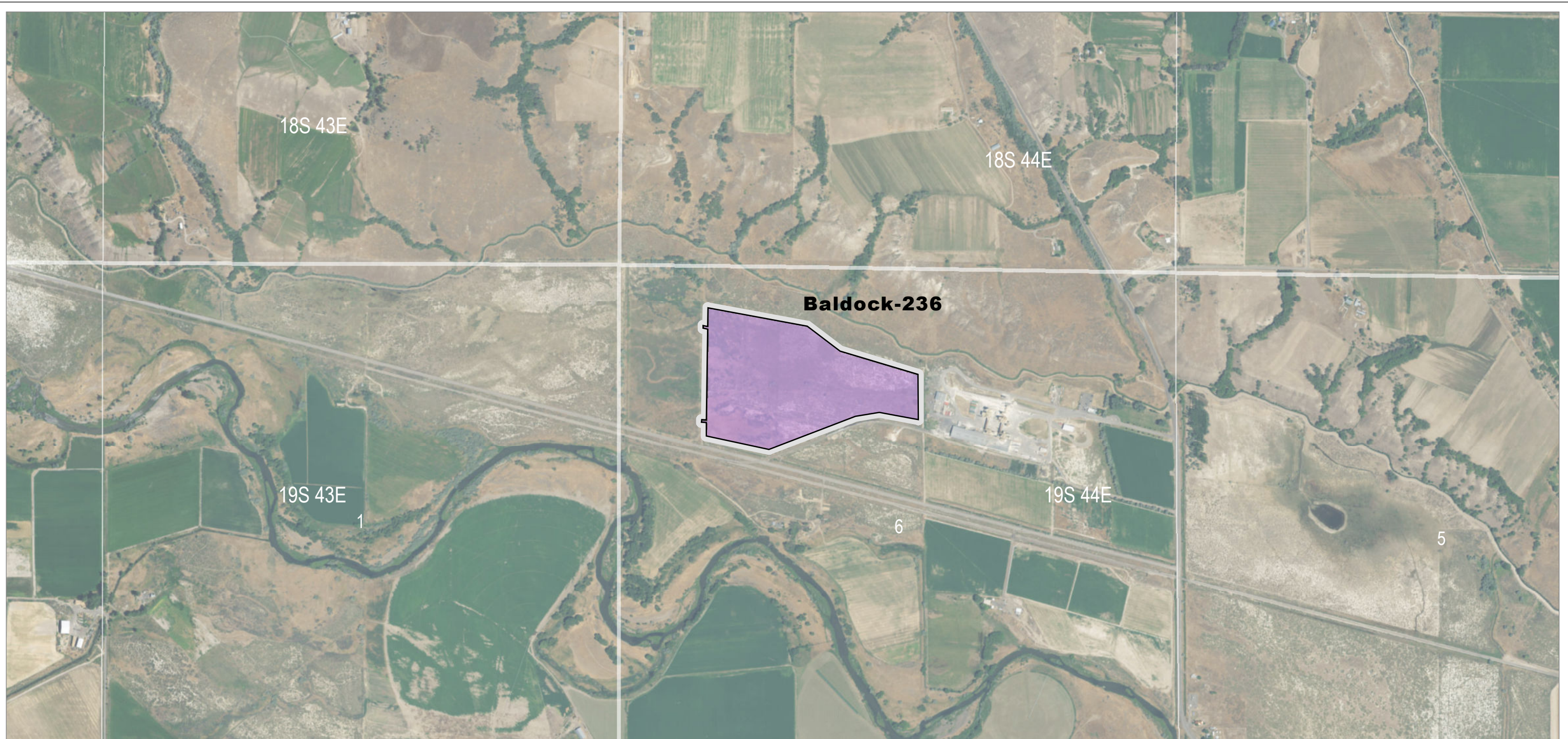


Boardman to Hemingway  
Transmission Line Project

**Attachment I-1  
Soil Mapping Units**

Proposed Route  
Malheur County

Map 107



**IDAHO POWER**  
An IDACORP Company

Boardman to Hemingway  
Transmission Line Project

- |                         |                             |                    |
|-------------------------|-----------------------------|--------------------|
| <u>Project Features</u> | <u>STATSGO Soil Factors</u> | <u>Land Status</u> |
| Site Boundary           | Baldock                     | Private            |

**Attachment I-1  
Soil Mapping Units**

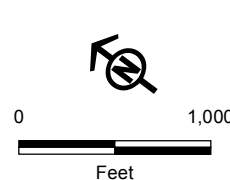
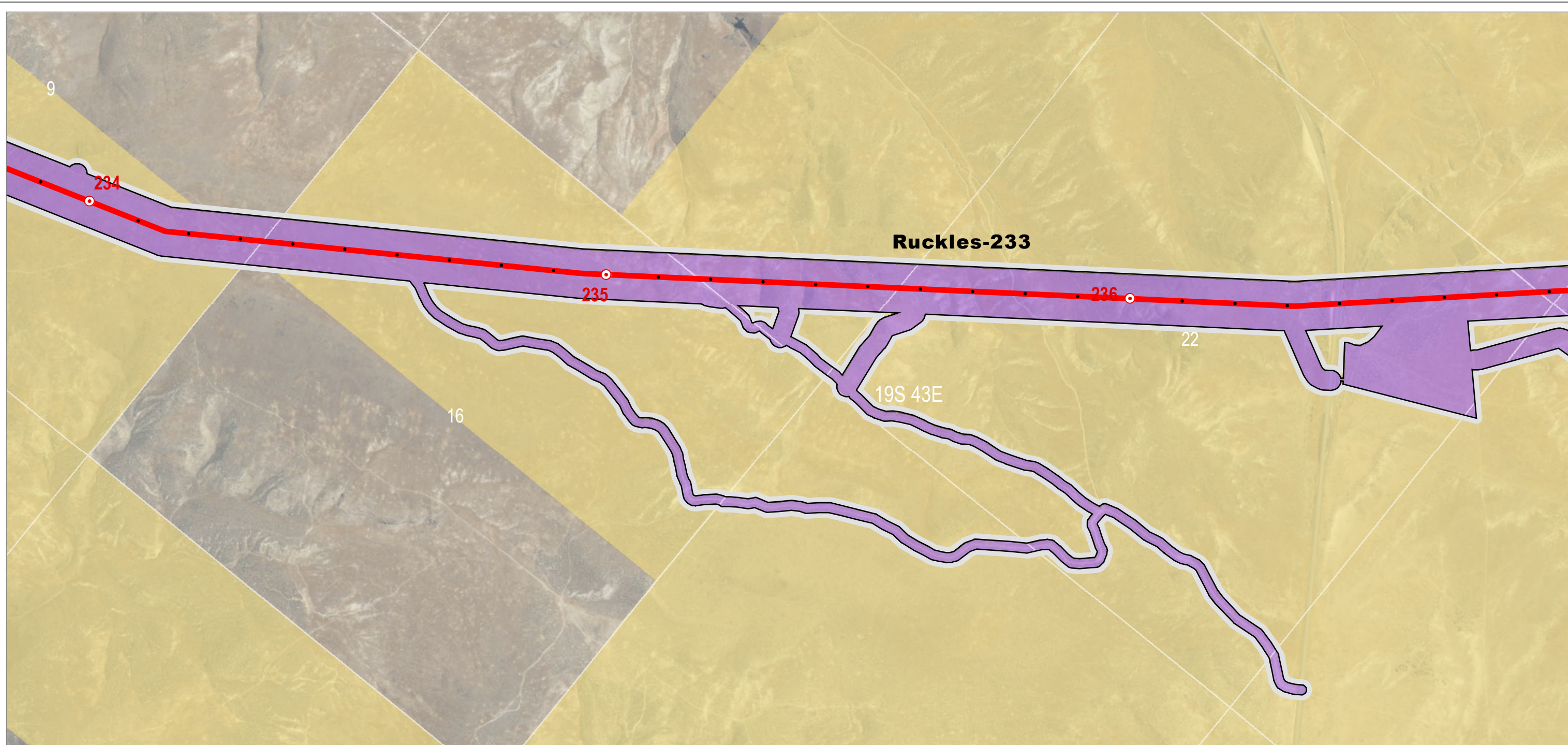
Proposed Route  
Malheur County

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

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

- STATSGO Soil Factors**
- Ruckles

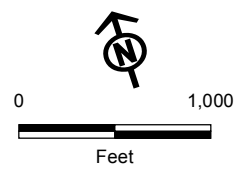
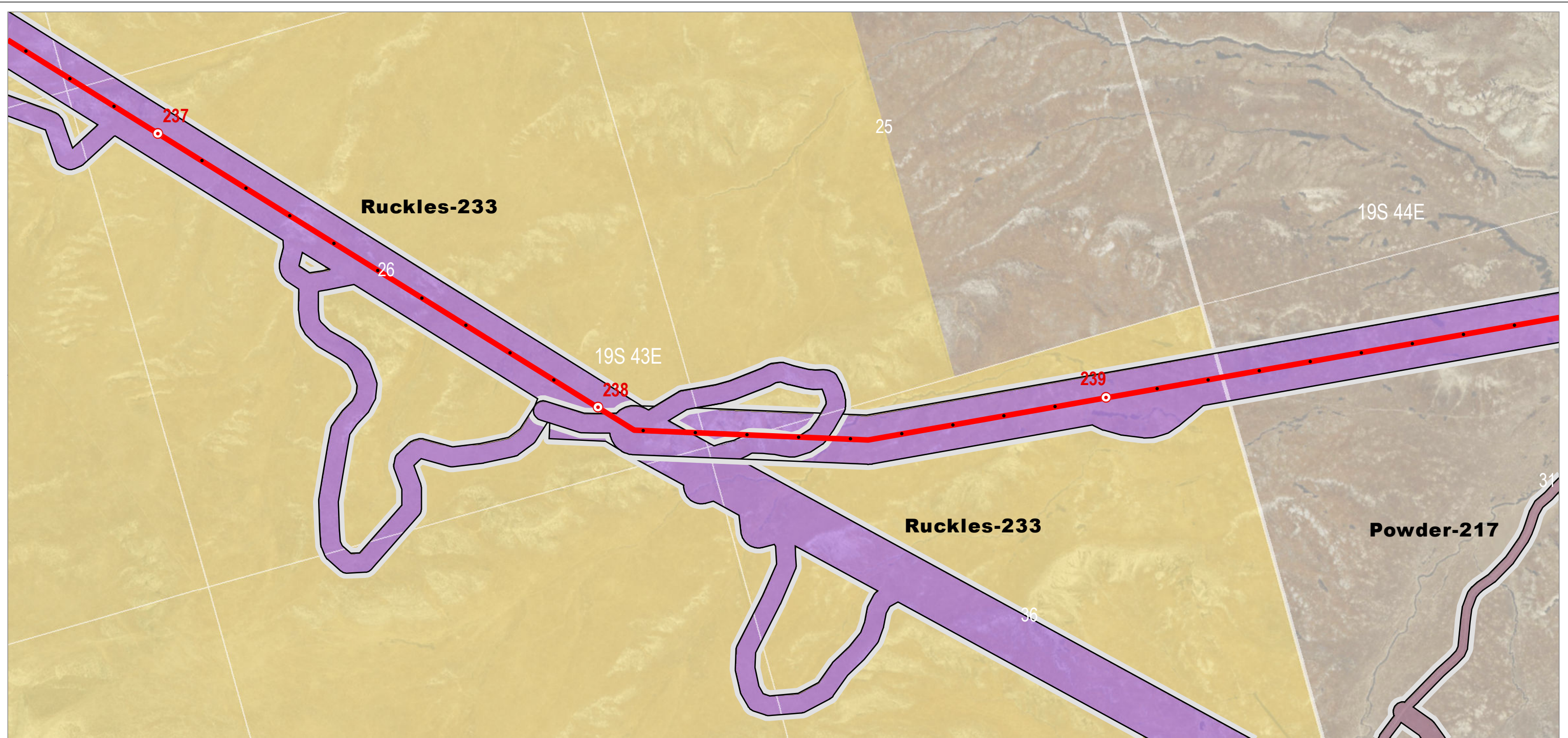
- Land Status**
- Bureau of Land Management
  - Private

**Attachment I-1  
Soil Mapping Units**

Proposed Route  
Malheur County

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

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

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**Project Features**

- Site Boundary
- Proposed Route
- Mileposts**
- Mile
- Tenth-mile

**STATSGO Soil Factors**

- Powder
- Ruckles

**Land Status**

- Bureau of Land Management
- Private

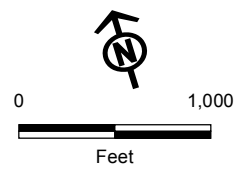
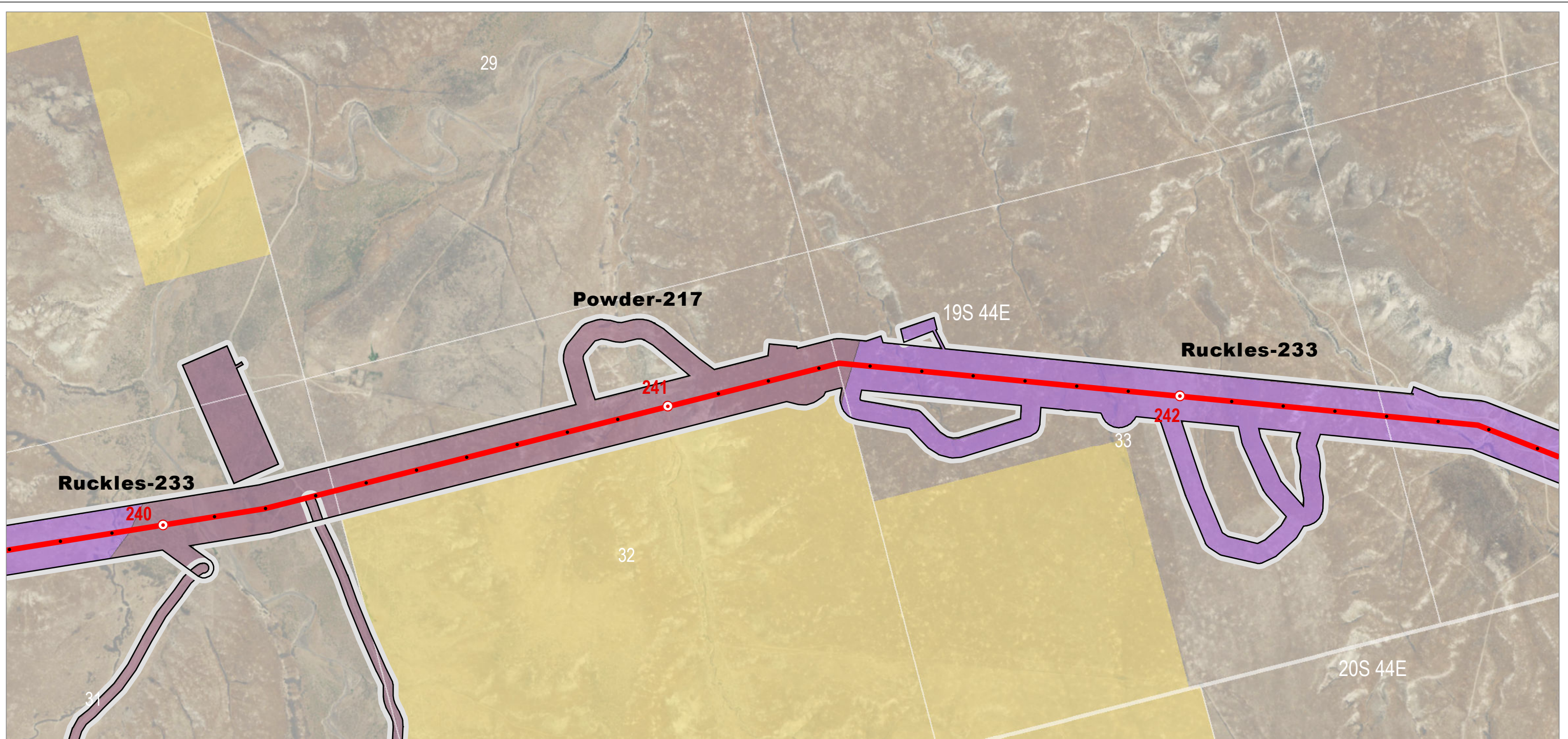


Boardman to Hemingway  
Transmission Line Project

**Attachment I-1  
Soil Mapping Units**

Proposed Route  
Malheur County

Map 110



**Project Features**

- Site Boundary
- Proposed Route

**Mileposts**

- Mile
- Tenth-mile

**STATSGO Soil Factors**

- Powder
- Ruckles

**Land Status**

- Bureau of Land Management
- Private



Boardman to Hemingway  
Transmission Line Project

**Attachment I-1  
Soil Mapping Units**

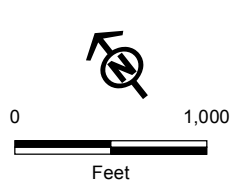
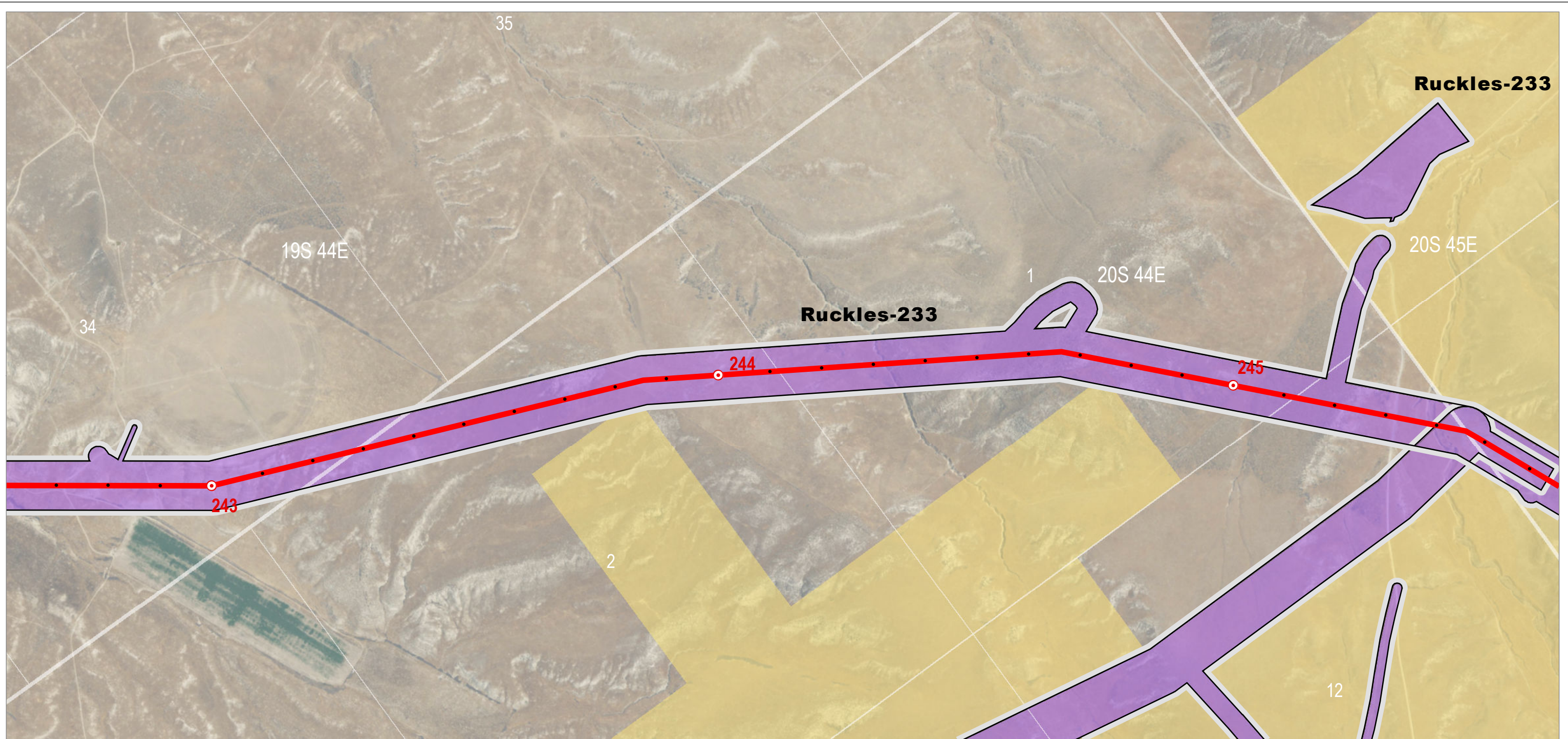
Proposed Route  
Malheur County

Map 111

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

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**Project Features**

- Site Boundary
- Proposed Route
- Mileposts**
- Mile
- Tenth-mile

**STATSGO Soil Factors**

- Ruckles

**Land Status**

- Bureau of Land Management
- Private



Boardman to Hemingway  
Transmission Line Project

**Attachment I-1  
Soil Mapping Units**

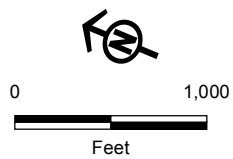
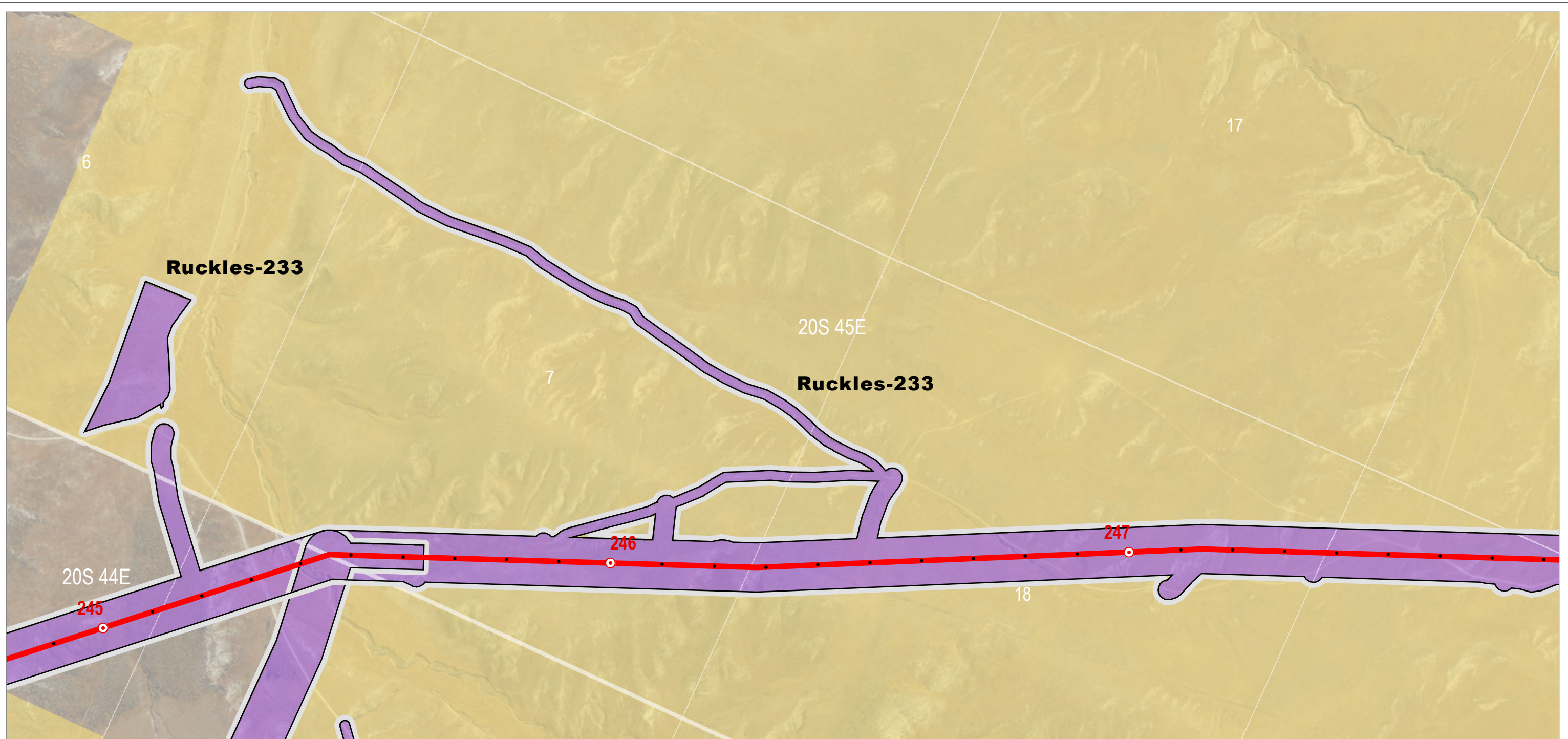
Proposed Route  
Malheur County

Map 112

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

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**Project Features**

- Site Boundary
- Proposed Route
- Mileposts**
- Mile
- Tenth-mile

**STATSGO Soil Factors**

- Ruckles

**Land Status**

- Bureau of Land Management
- Private



Boardman to Hemingway  
Transmission Line Project

**Attachment I-1  
Soil Mapping Units**

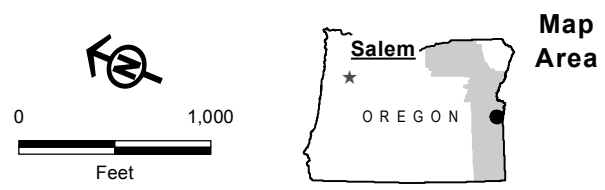
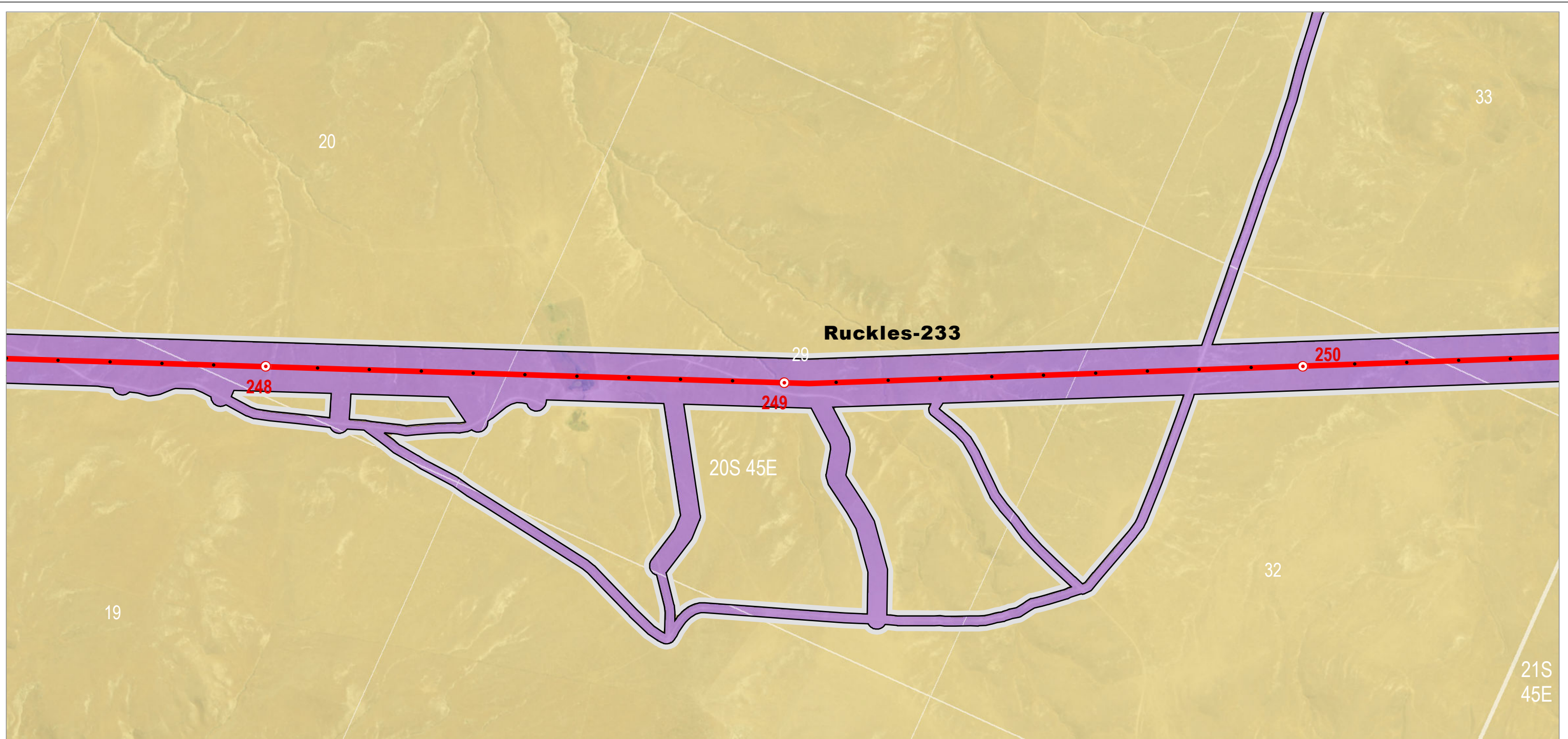
Proposed Route  
Malheur County

Map 113

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

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|-------------------------|-----------------------------|-----------------------------|
| <b>Project Features</b> | <b>STATSGO Soil Factors</b> | <b>Land Status</b>          |
| □ Site Boundary         | ■ Ruckles                   | ■ Bureau of Land Management |
| — Proposed Route        |                             |                             |
| <b>Mileposts</b>        |                             |                             |
| ○ Mile                  |                             |                             |
| • Tenth-mile            |                             |                             |

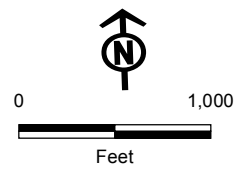
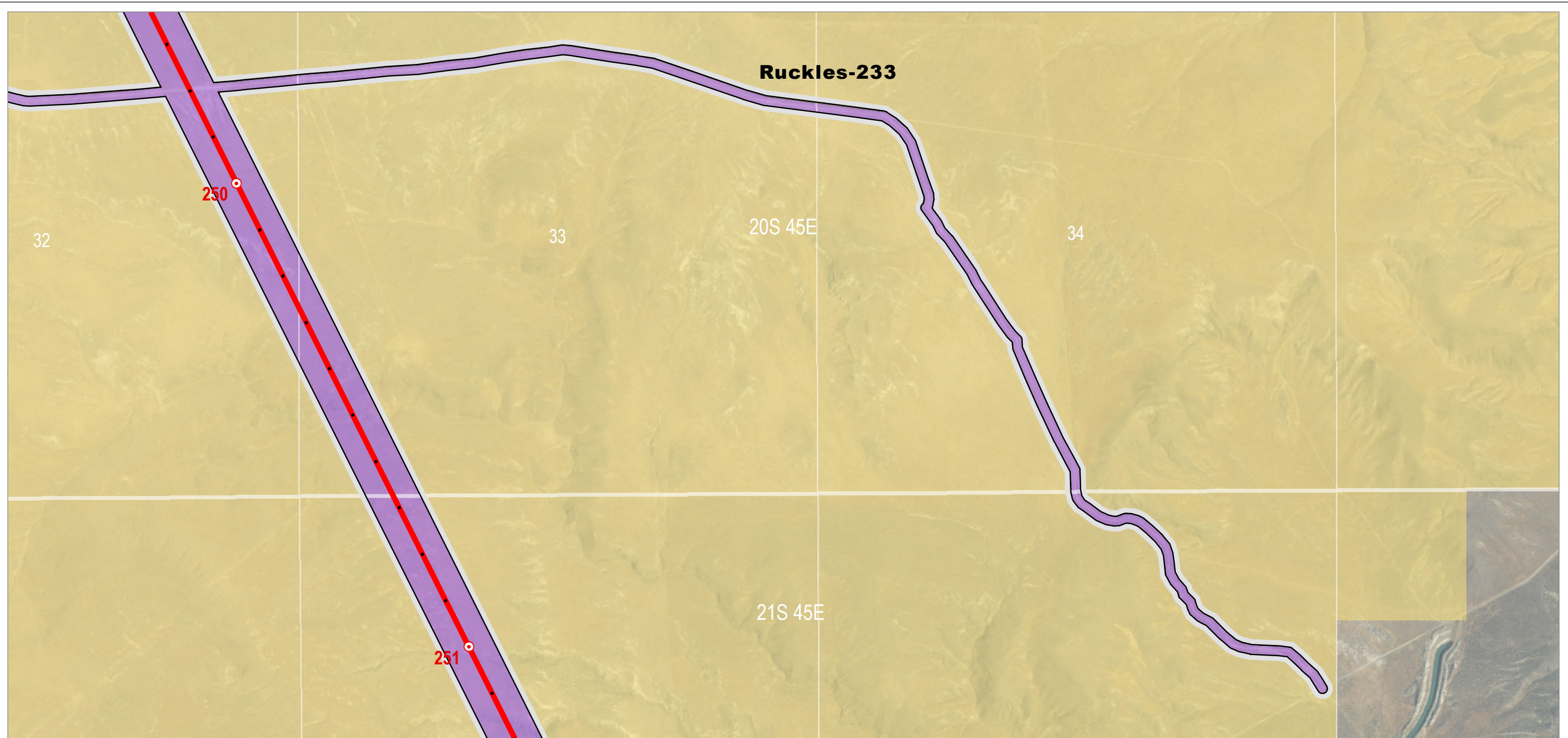
**IDAHO POWER**  
An IDACORP Company

Boardman to Hemingway  
Transmission Line Project

**Attachment I-1  
Soil Mapping Units**

Proposed Route  
Malheur County

Map 114



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

- STATSGO Soil Factors**
- Ruckles

- Land Status**
- Bureau of Land Management
  - Private

**IDAHO POWER**  
An IDACORP Company

Boardman to Hemingway  
Transmission Line Project

**Attachment I-1  
Soil Mapping Units**

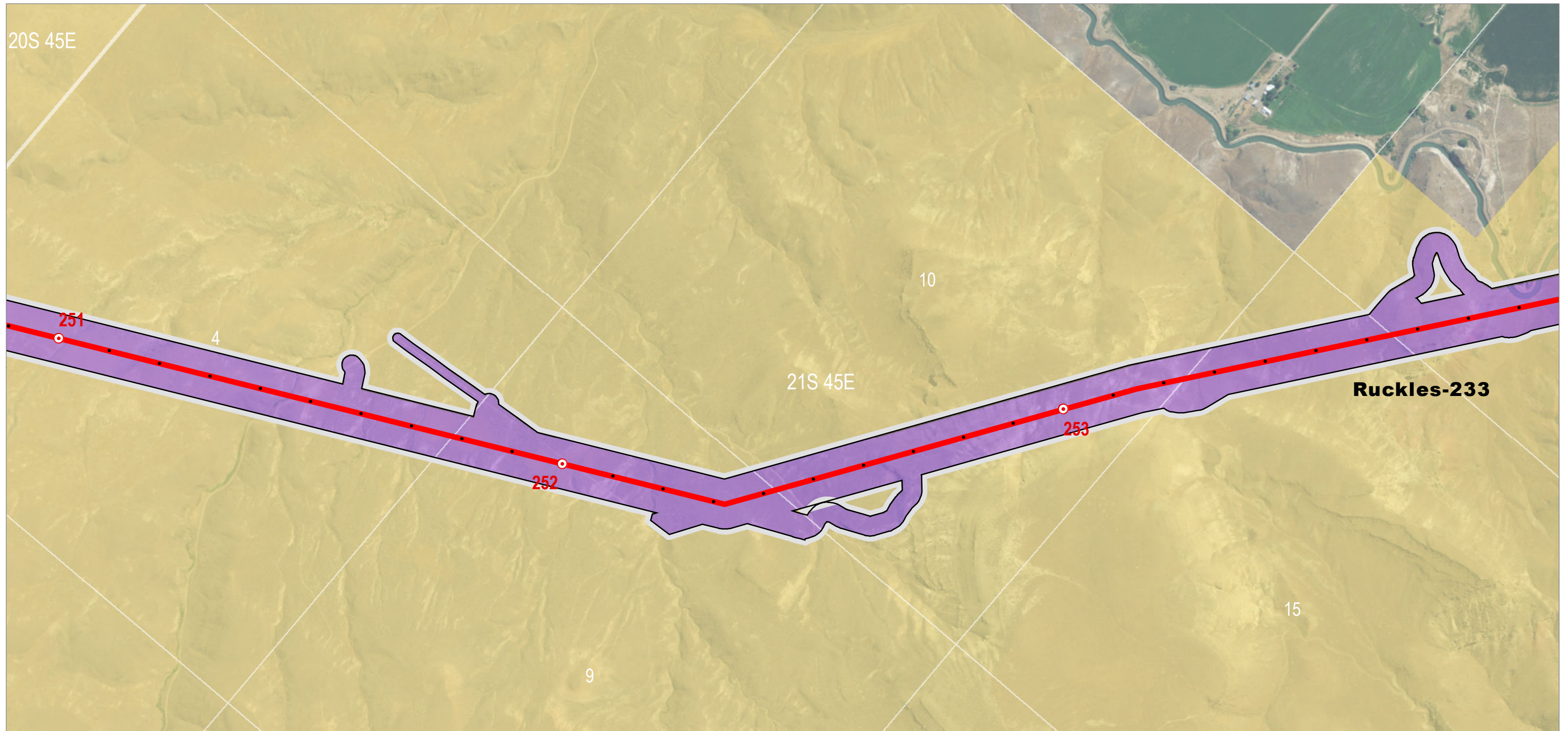
Proposed Route  
Malheur County

Map 115

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

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20S 45E

21S 45E

**Ruckles-233**

251

4

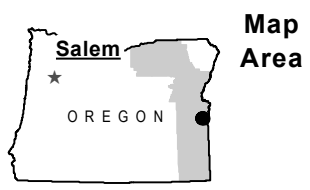
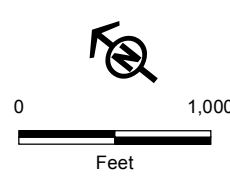
252

253

9

10

15



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

- STATSGO Soil Factors**
- Ruckles

- Land Status**
- Bureau of Land Management
  - Private

**IDAHO POWER**  
An IDACORP Company

Boardman to Hemingway  
Transmission Line Project

**Attachment I-1  
Soil Mapping Units**

Proposed Route  
Malheur County

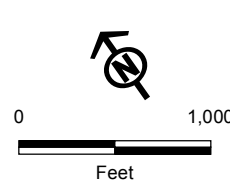
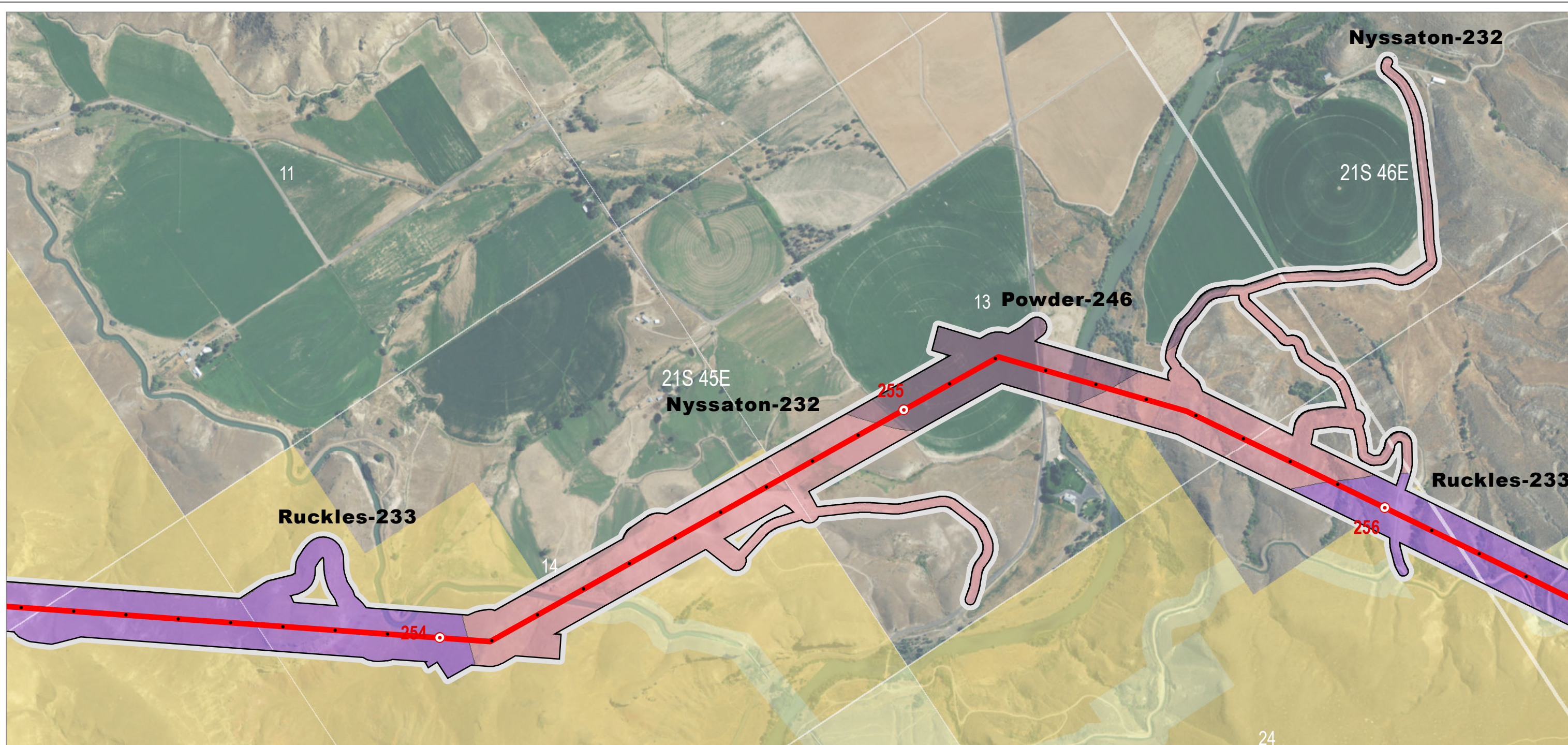
Map 116

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

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June 2017





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

- STATSGO Soil Factors**
- Nyssaton
  - Powder
  - Ruckles

- Land Status**
- Bureau of Land Management
  - Bureau of Reclamation
  - Private

**IDAHO POWER**  
An IDACORP Company

Boardman to Hemingway  
Transmission Line Project

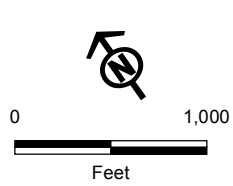
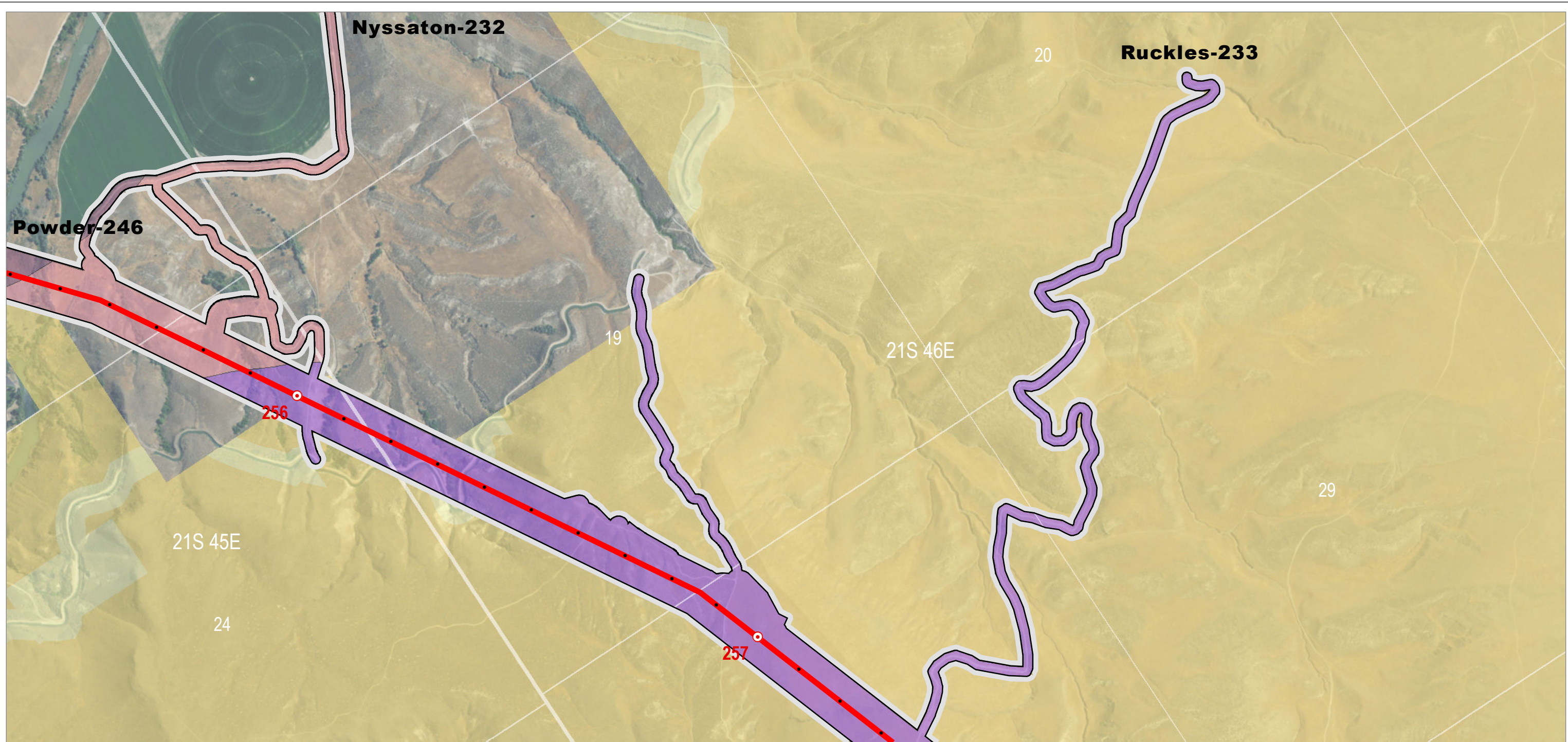
**Attachment I-1  
Soil Mapping Units**

Proposed Route  
Malheur County

Map 117

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

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**Project Features**

- Site Boundary
- Proposed Route
- Mileposts**
- Mile
- Tenth-mile

**STATSGO Soil Factors**

- Nyssaton
- Powder
- Ruckles

**Land Status**

- Bureau of Land Management
- Bureau of Reclamation
- Private



Boardman to Hemingway  
Transmission Line Project

**Attachment I-1  
Soil Mapping Units**

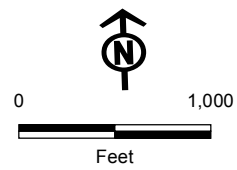
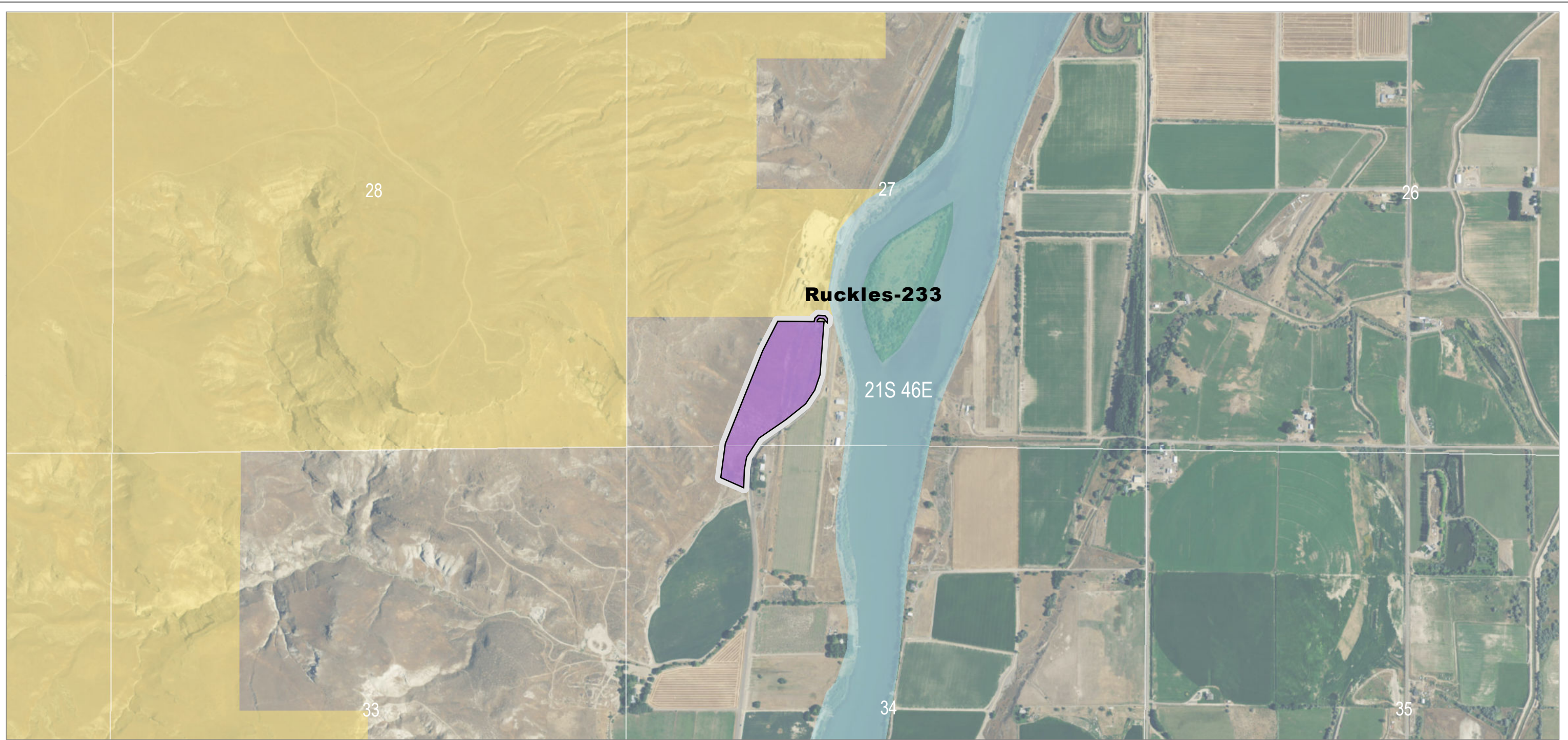
Proposed Route  
Malheur County

Map 118

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

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

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June 2017

**Project Features**  
 □ Site Boundary

**STATSGO Soil Factors**  
 ■ Ruckles

**Land Status**  
 ■ Bureau of Land Management  
 ■ Fish and Wildlife Service  
 □ Private  
 ■ State or Local

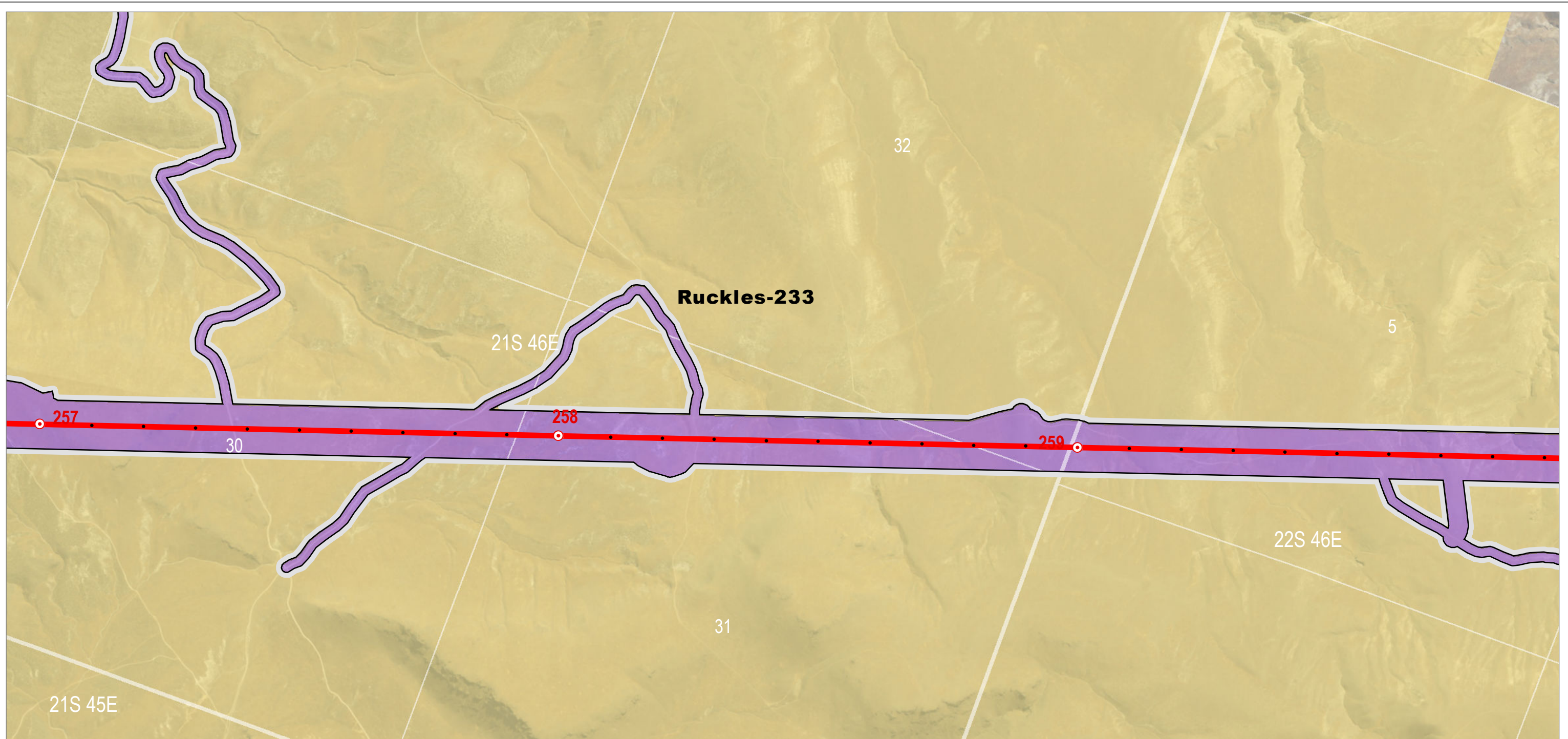


Boardman to Hemingway  
Transmission Line Project

**Attachment I-1  
Soil Mapping Units**

Proposed Route  
Malheur County

Map 119



- |   |  |  |
|---|--|--|
| <p><b>Project Features</b></p> <ul style="list-style-type: none"> <li><span style="border: 1px solid black; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> Site Boundary</li> <li><span style="border-bottom: 2px solid red; width: 20px; display: inline-block; margin-right: 5px;"></span> Proposed Route</li> </ul> <p><b>Mileposts</b></p> <ul style="list-style-type: none"> <li><span style="border: 1px solid red; border-radius: 50%; width: 10px; height: 10px; display: inline-block; margin-right: 5px;"></span> Mile</li> <li><span style="display: inline-block; width: 5px; height: 5px; margin-right: 5px;"></span> Tenth-mile</li> </ul> | <p><b>STATSGO Soil Factors</b></p> <ul style="list-style-type: none"> <li><span style="background-color: #c0c0ff; width: 15px; height: 10px; display: inline-block; margin-right: 5px;"></span> Ruckles</li> </ul> | <p><b>Land Status</b></p> <ul style="list-style-type: none"> <li><span style="background-color: #ffff00; width: 15px; height: 10px; display: inline-block; margin-right: 5px;"></span> Bureau of Land Management</li> <li><span style="border: 1px solid black; width: 15px; height: 10px; display: inline-block; margin-right: 5px;"></span> Private</li> </ul> |
|---|--|--|

**IDAHO POWER**  
An IDACORP Company

Boardman to Hemingway  
Transmission Line Project

**Attachment I-1  
Soil Mapping Units**

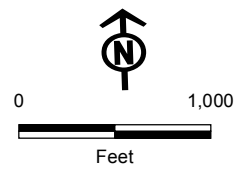
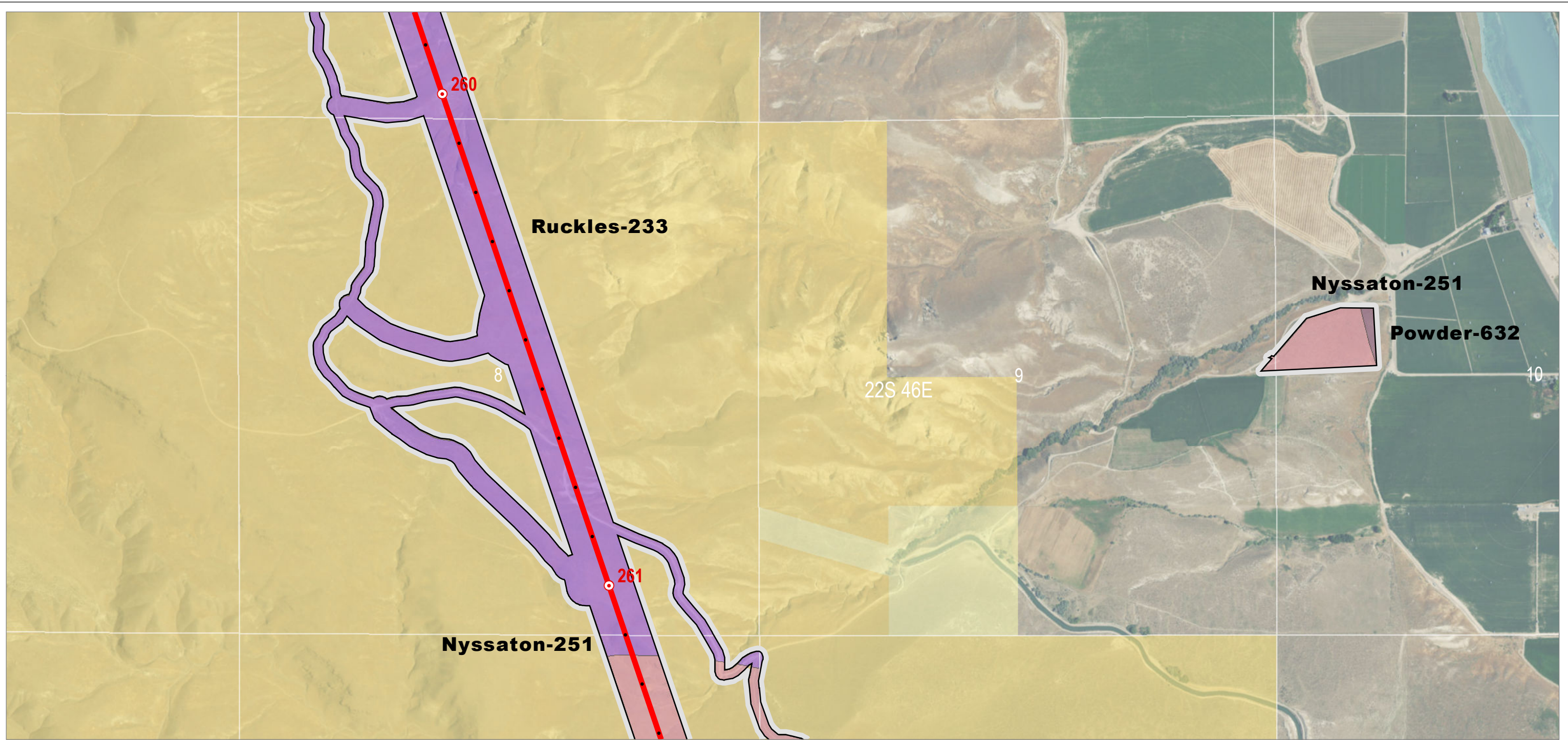
Proposed Route  
Malheur County

Map 120

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

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

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**Project Features**

- Site Boundary
- Proposed Route
- Mileposts**
- Mile
- Tenth-mile

**STATSGO Soil Factors**

- Nyssaton
- Powder
- Ruckles

**Land Status**

- Bureau of Land Management
- Bureau of Reclamation
- Private
- State or Local

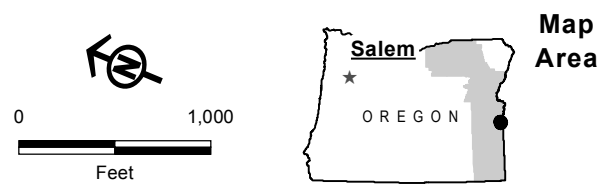
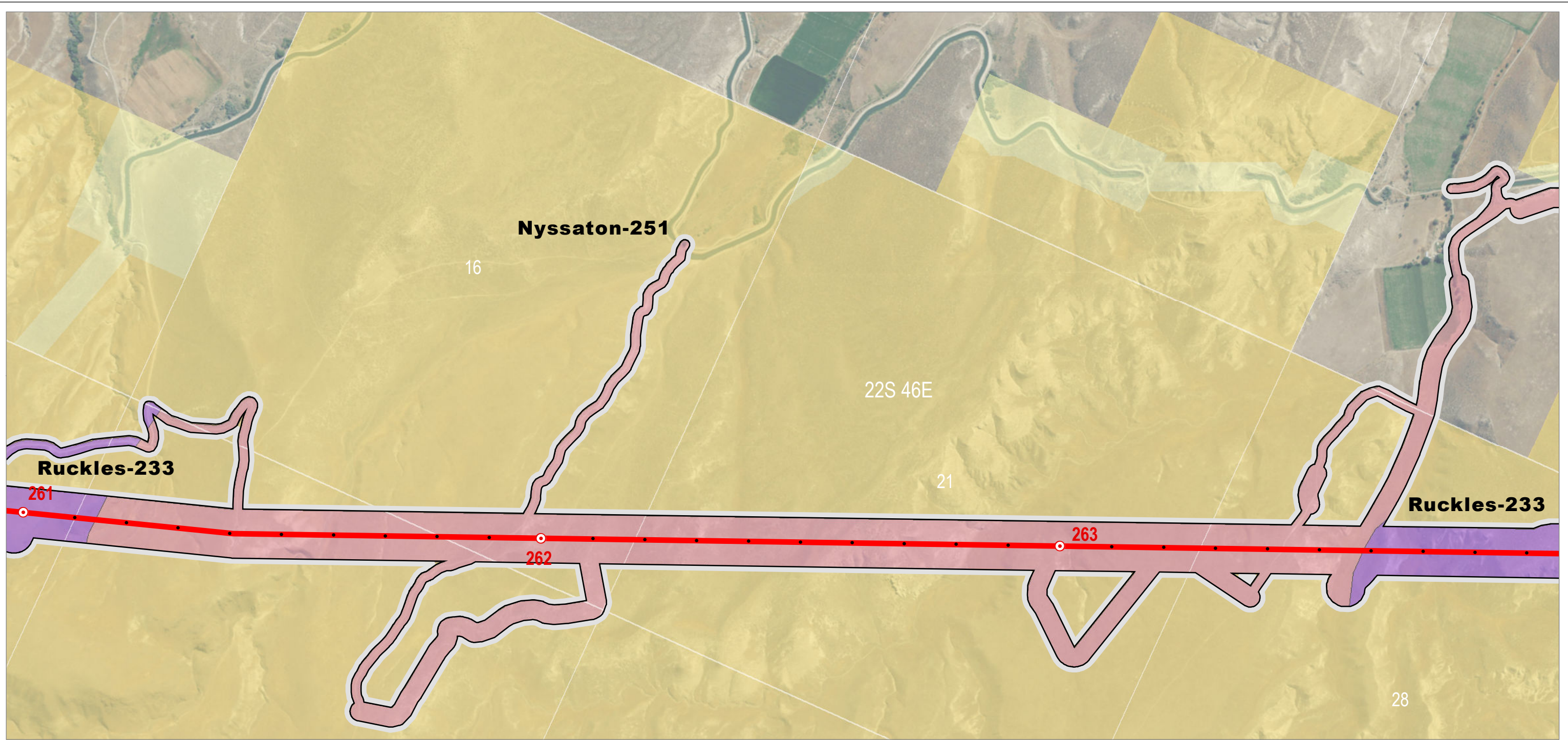


Boardman to Hemingway  
Transmission Line Project

**Attachment I-1  
Soil Mapping Units**

Proposed Route  
Malheur County

Map 121



- |   |   |   |
|---|---|---|
| <b>Project Features</b>   | <b>STATSGO Soil Factors</b>   | <b>Land Status</b>  |
| <ul style="list-style-type: none"> <li><span style="border: 1px solid black; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> Site Boundary</li> <li><span style="border-bottom: 2px solid red; width: 20px; margin-right: 5px;"></span> Proposed Route</li> </ul>           | <ul style="list-style-type: none"> <li><span style="background-color: #e0b0b0; width: 15px; height: 10px; margin-right: 5px;"></span> Nyssaton</li> <li><span style="background-color: #c080e0; width: 15px; height: 10px; margin-right: 5px;"></span> Ruckles</li> </ul> | <ul style="list-style-type: none"> <li><span style="background-color: #f0e080; width: 15px; height: 10px; margin-right: 5px;"></span> Bureau of Land Management</li> <li><span style="background-color: #ffff80; width: 15px; height: 10px; margin-right: 5px;"></span> Bureau of Reclamation</li> <li><span style="border: 1px solid gray; width: 15px; height: 10px; margin-right: 5px;"></span> Private</li> </ul> |
| <b>Mileposts</b>  |   |   |
| <ul style="list-style-type: none"> <li><span style="border: 1px solid red; border-radius: 50%; width: 10px; height: 10px; display: inline-block; margin-right: 5px;"></span> Mile</li> <li><span style="width: 5px; height: 5px; display: inline-block; margin-right: 5px;"></span> Tenth-mile</li> </ul> |   |   |

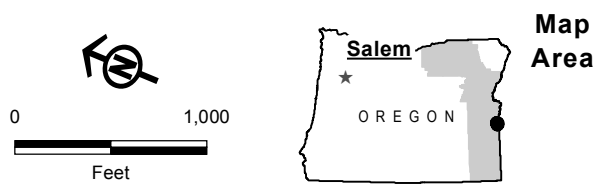
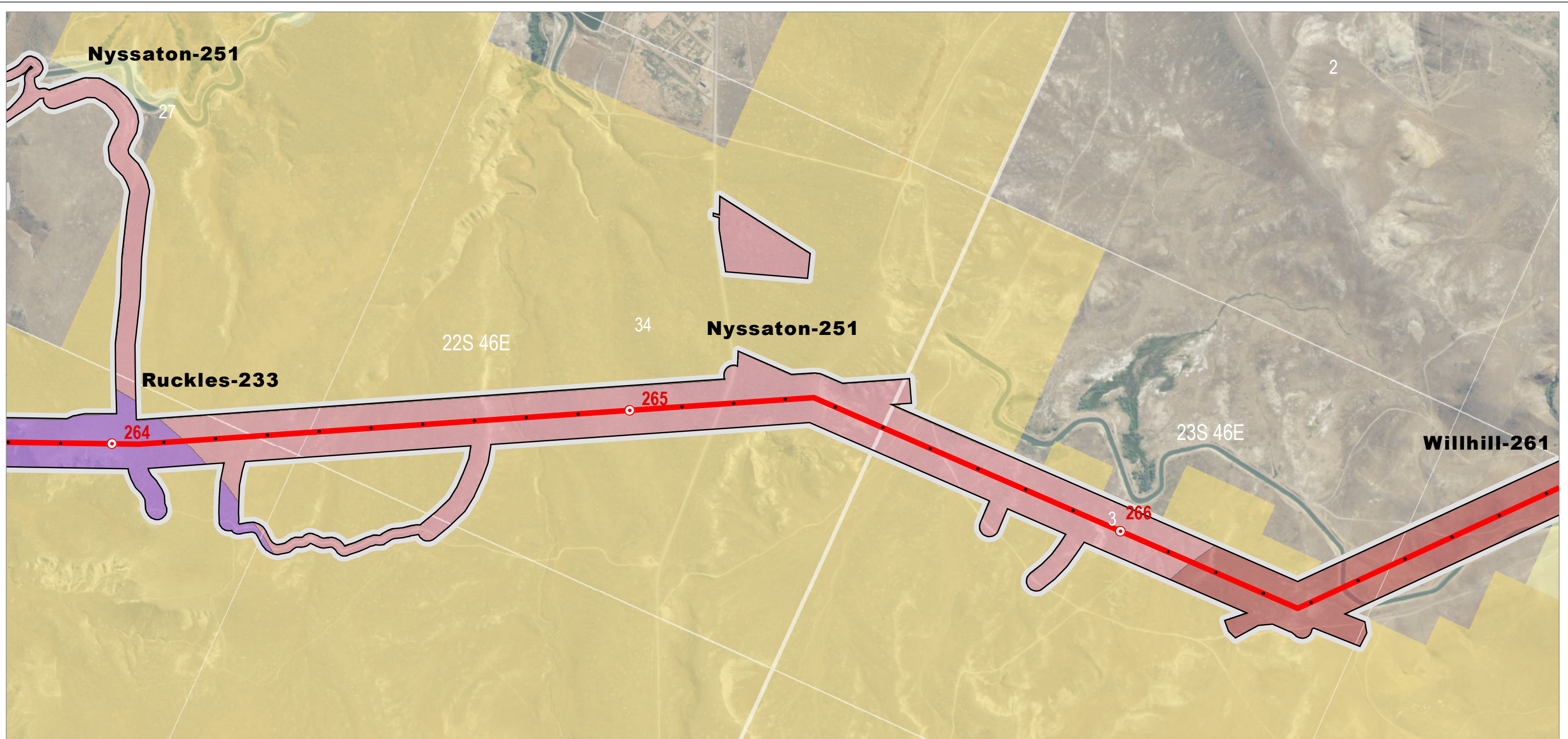
**Attachment I-1  
Soil Mapping Units**

Proposed Route  
Malheur County

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

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

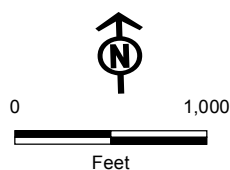
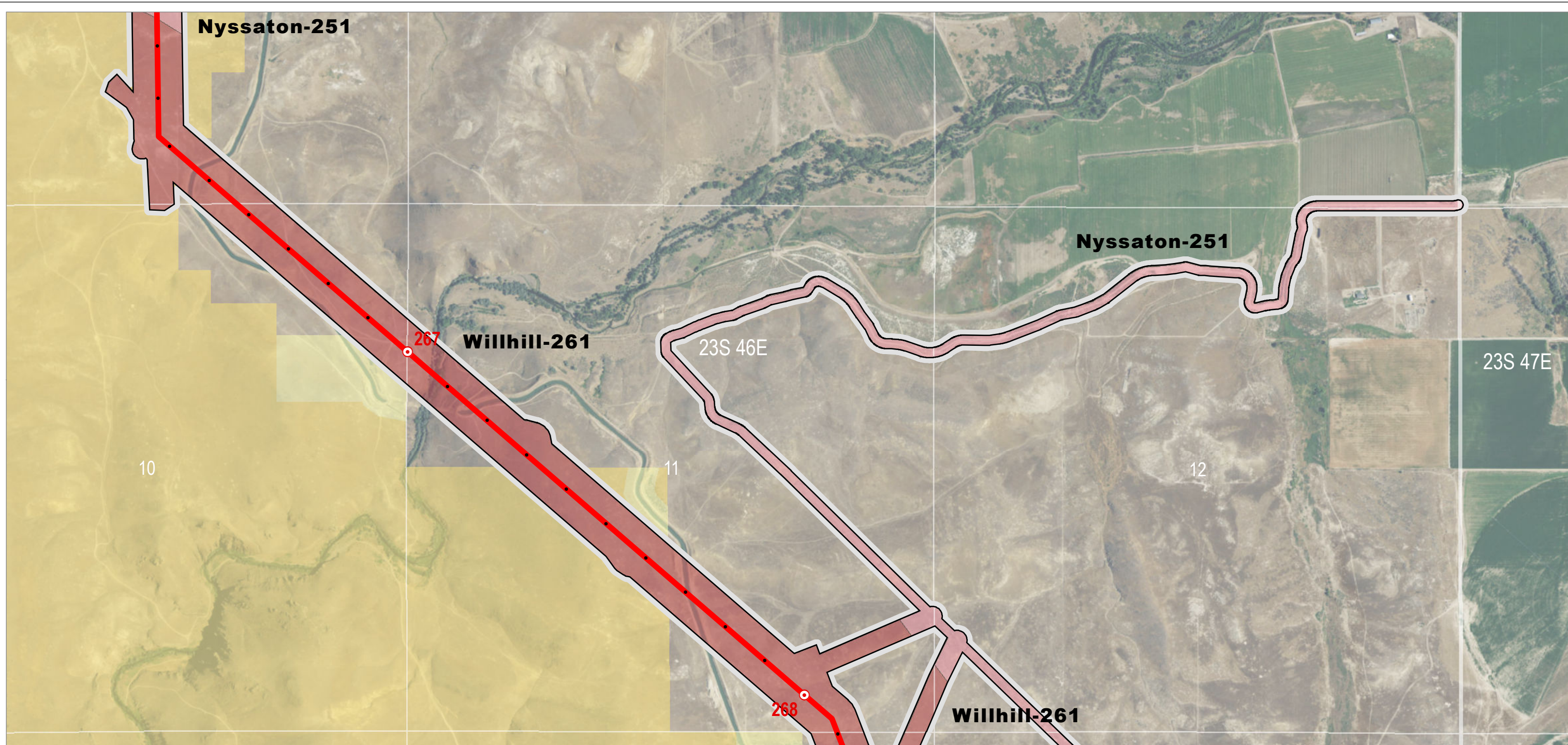
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|---|--|---|
| <p><b>Project Features</b></p> <ul style="list-style-type: none"> <li>□ Site Boundary</li> <li>— Proposed Route</li> </ul> <p><b>Mileposts</b></p> <ul style="list-style-type: none"> <li>○ Mile</li> <li>• Tenth-mile</li> </ul> | <p><b>STATSGO Soil Factors</b></p> <ul style="list-style-type: none"> <li>■ Nyssaton</li> <li>■ Ruckles</li> <li>■ Willhill</li> </ul> | <p><b>Land Status</b></p> <ul style="list-style-type: none"> <li>■ Bureau of Land Management</li> <li>■ Bureau of Reclamation</li> <li>□ Private</li> </ul> |
|---|--|---|

**Attachment I-1  
Soil Mapping Units**

Proposed Route  
Malheur County



**Project Features**

- Site Boundary
- Proposed Route

**Mileposts**

- Mile
- Tenth-mile

**STATSGO Soil Factors**

- Nyssaton
- Willhill

**Land Status**

- Bureau of Land Management
- Bureau of Reclamation
- Private



Boardman to Hemingway  
Transmission Line Project

**Attachment I-1  
Soil Mapping Units**

Proposed Route  
Malheur County

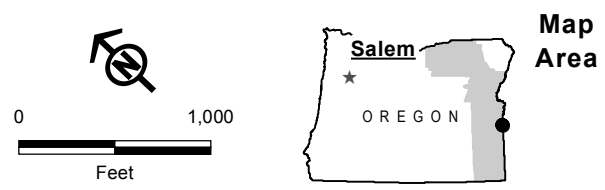
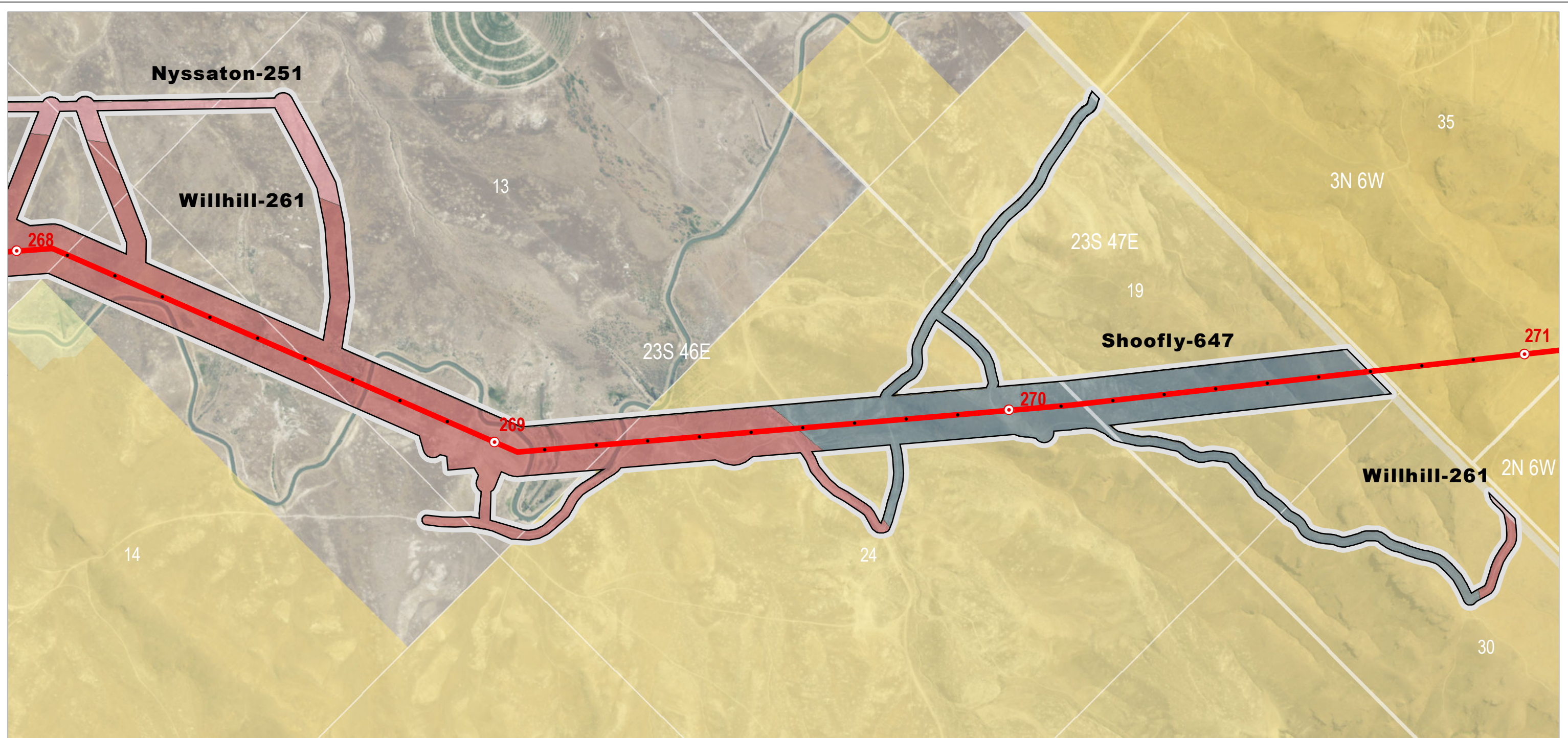
Map 124

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

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June 2017





- |                         |                             |                             |
|-------------------------|-----------------------------|-----------------------------|
| <b>Project Features</b> | <b>STATSGO Soil Factors</b> | <b>Land Status</b>          |
| □ Site Boundary         | ■ Nyssaton                  | ■ Bureau of Land Management |
| — Proposed Route        | ■ Shoofly                   | ■ Bureau of Reclamation     |
| <b>Mileposts</b>        | ■ Willhill                  | □ Private                   |
| ○ Mile                  |                             |                             |
| • Tenth-mile            |                             |                             |

**IDAHO POWER**  
An IDACORP Company

Boardman to Hemingway  
Transmission Line Project

**Attachment I-1  
Soil Mapping Units**

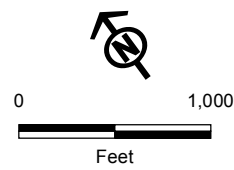
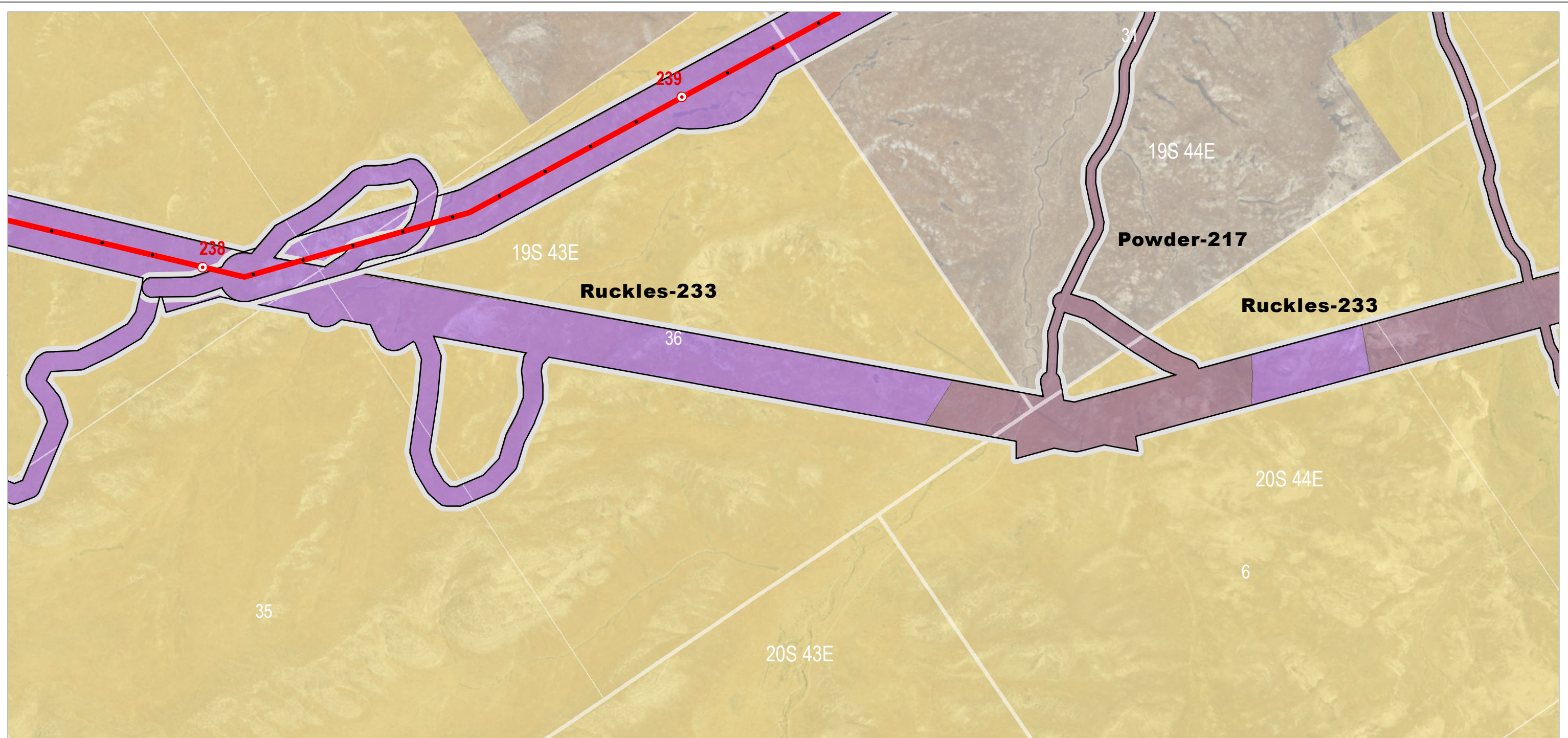
Proposed Route  
Malheur County

Map 125

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

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

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June 2017

**Project Features**

- Site Boundary
- Proposed Route
- Mileposts**
- Mile
- Tenth-mile

**STATSGO Soil Factors**

- Powder
- Ruckles

**Land Status**

- Bureau of Land Management
- Private

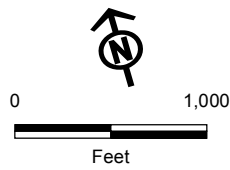
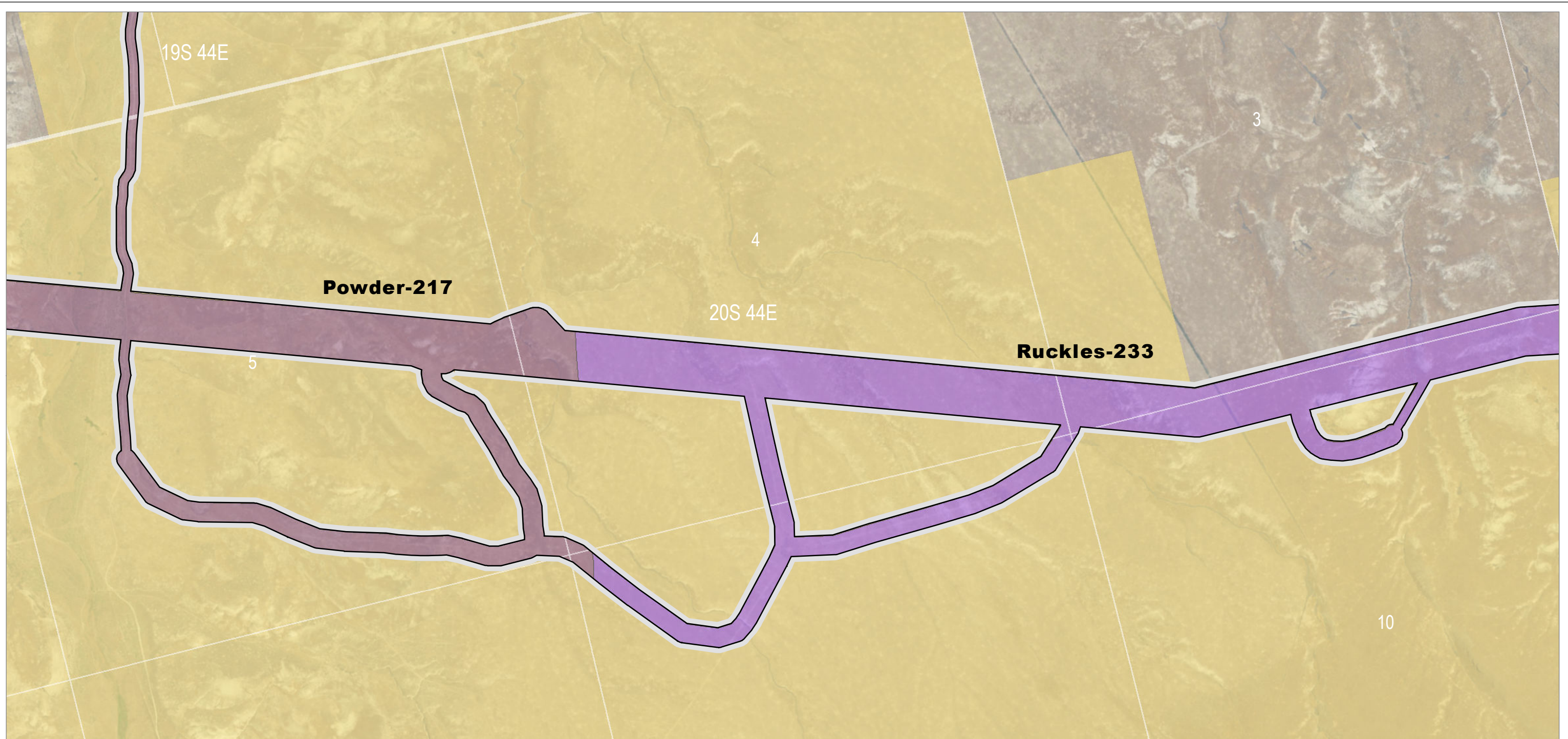


Boardman to Hemingway  
Transmission Line Project

**Attachment I-1  
Soil Mapping Units**

Double Mountain Alternative  
Malheur County

Map 136



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

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June 2017

**Project Features**  
 Site Boundary

**STATSGO Soil Factors**  
 Powder  
 Ruckles

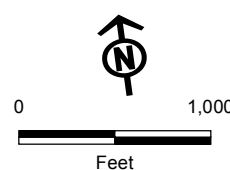
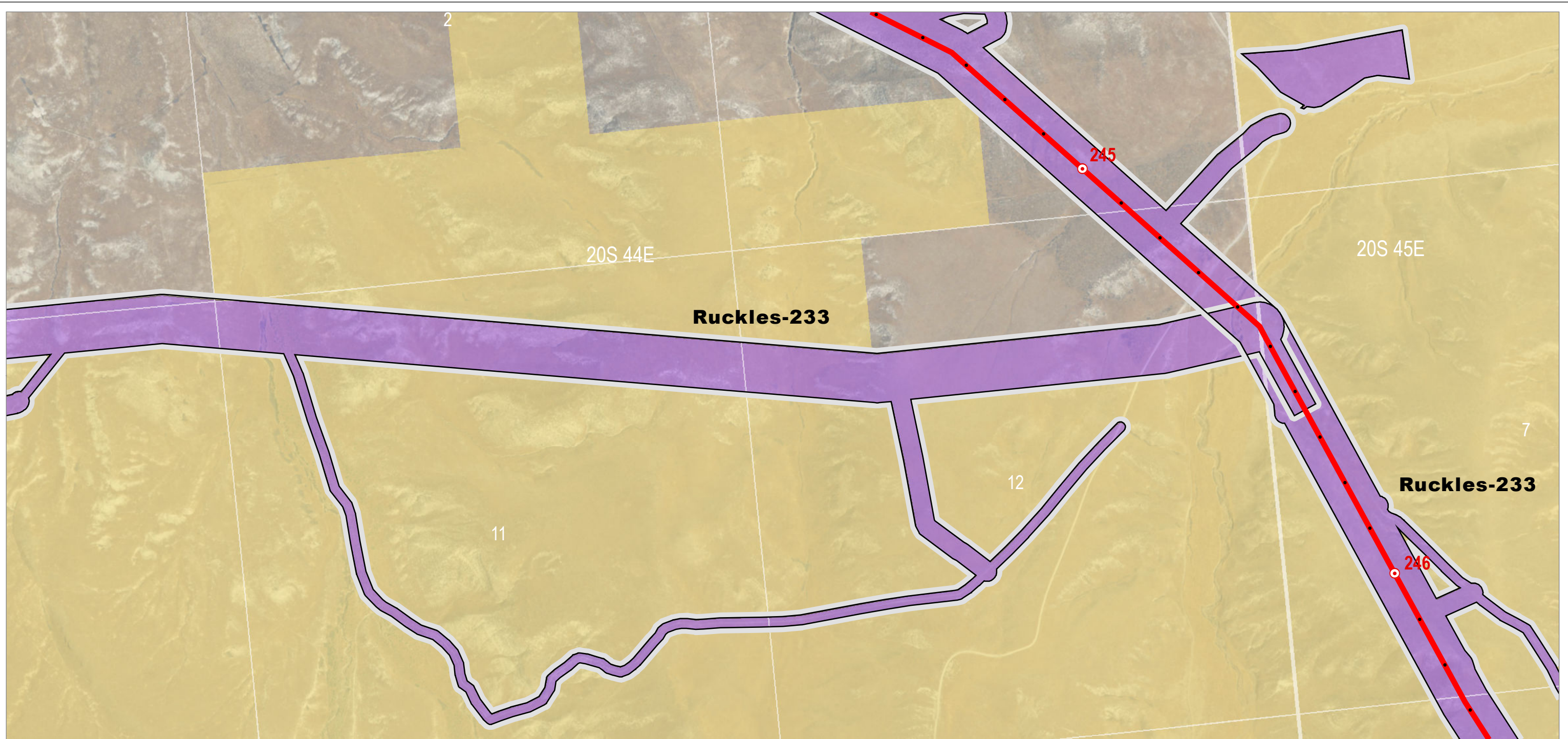
**Land Status**  
 Bureau of Land Management  
 Private

**IDAHO POWER** Boardman to Hemingway  
 An IDACORP Company Transmission Line Project

**Attachment I-1  
 Soil Mapping Units**

Double Mountain Alternative  
 Malheur County

Map 137



**Project Features**

- Site Boundary
- Proposed Route
- Mileposts**
- Mile
- Tenth-mile

**STATSGO Soil Factors**

- Ruckles

**Land Status**

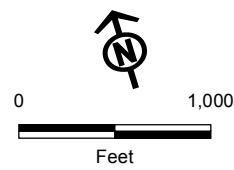
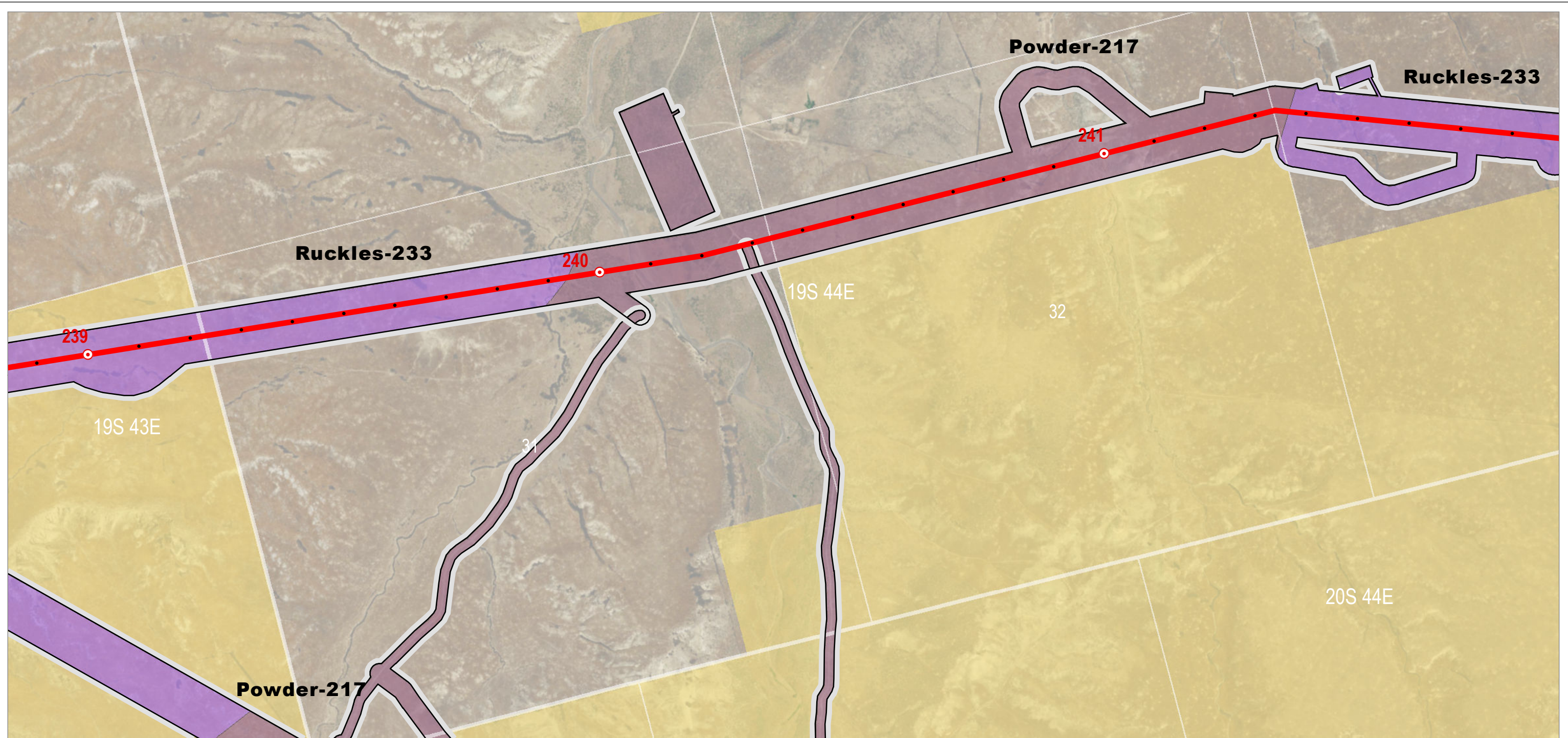
- Bureau of Land Management
- Private

**Attachment I-1  
Soil Mapping Units**

Double Mountain Alternative  
Malheur County

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

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**Project Features**

- Site Boundary
- Proposed Route
- Mileposts**
- Mile
- Tenth-mile

**STATSGO Soil Factors**

- Powder
- Ruckles

**Land Status**

- Bureau of Land Management
- Private



Boardman to Hemingway  
Transmission Line Project

**Attachment I-1  
Soil Mapping Units**

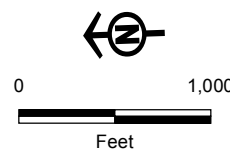
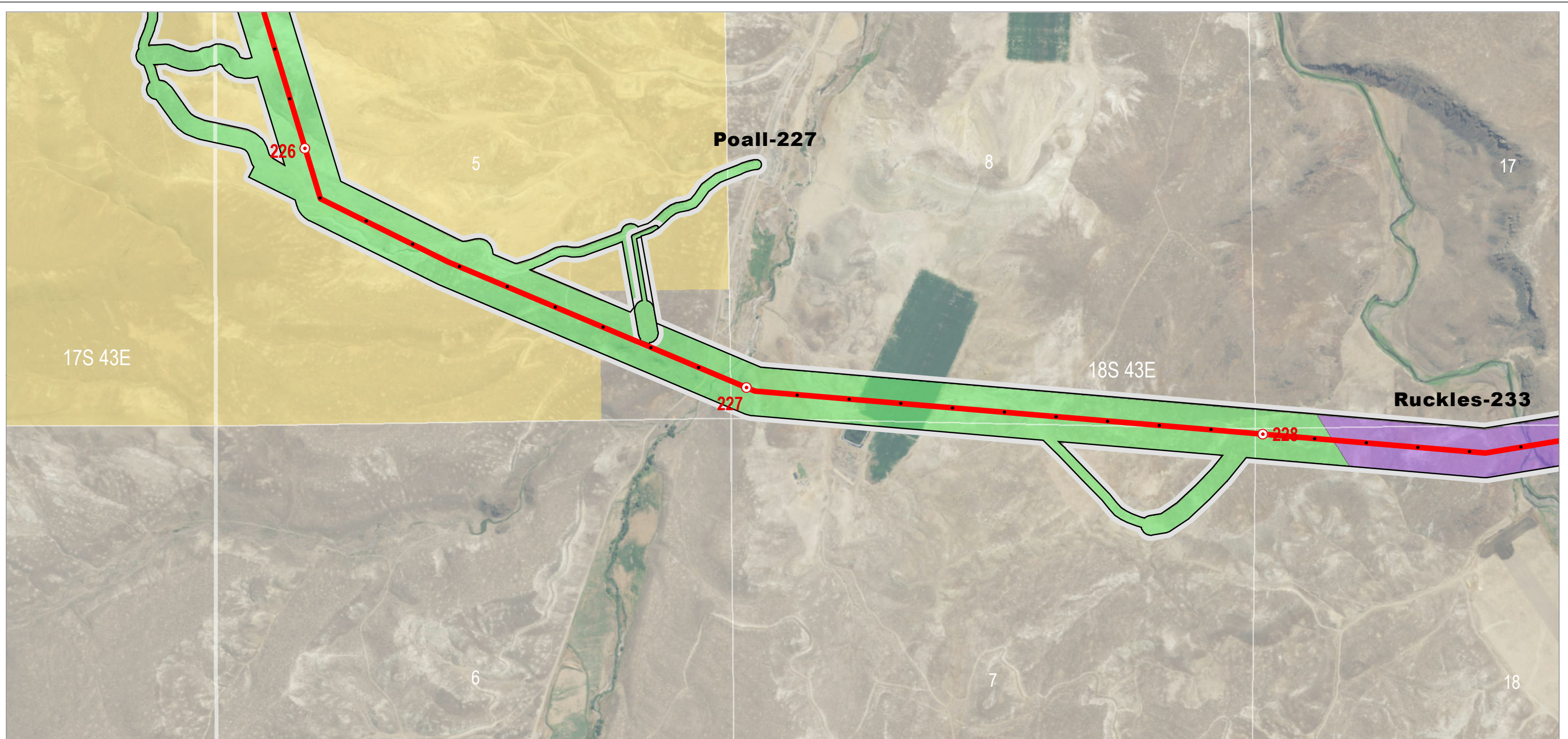
Double Mountain Alternative  
Malheur County

Map 139

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

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June 2017



**Project Features**

- Site Boundary
- Proposed Route
- Mileposts**
- Mile
- Tenth-mile

**STATSGO Soil Factors**

- Poall
- Ruckles

**Land Status**

- Bureau of Land Management
- Private

**Attachment I-1  
Soil Mapping Units**

Double Mountain Alternative  
Malheur County

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

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**ATTACHMENT I-2**  
**TABLE OF SOIL MAPPING UNITS**

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Table I-2-1. Soil Properties by Soil Map Unit

County	Soil ID	Soil Name	Extent (% of survey area)	Acres in Boundary	Wind Erodibility	K Factor	Slope %	T Factor	Stony/Rocky	Droughty	Depth to Bedrock (inches)		
Morrow	<b>Proposed Total Length - Morrow County</b>												
	42	Quincy	12.96%	406.21	2	0.32	3	5	No	Yes	74		
	43	Warden	8.06%	252.53	3	0.55	4	5	No	Yes	58		
	44	Ritzville	20.52%	643.14	5	0.49	19	5	No	No	38		
	45	Morrow	38.78%	1215.14	6	0.37	4	2	No	No	25		
	46	Hermiston	4.15%	130.10	5	0.37	2	5	No	No	NA		
	47	Lickskillet	14.43%	452.27	8	0.32	23	1	Yes	Yes	25		
	81	Warden	0.03%	1.07	3	0.55	4	5	No	Yes	58		
	83	Warden	0.88%	27.46	3	0.55	4	5	No	Yes	58		
	86	Warden	0.18%	5.63	3	0.55	4	5	No	Yes	58		
		<b>Total Acres</b>	<b>100.00%</b>	<b>3133.55</b>									
		<b>West of Bombing Range Road Alternative 1 - Morrow County</b>											
	78	Warden	59.72%	58.97	3	0.55	4	5	No	Yes	58		
	80	Warden	1.09%	1.07	3	0.55	4	5	No	Yes	58		
	84	Warden	5.71%	5.63	3	0.55	4	5	No	Yes	58		
	8	Warden	33.49%	33.07	3	0.55	4	5	No	Yes	58		
		<b>Total Acres</b>	<b>100.00%</b>	<b>98.75</b>									
		<b>West of Bombing Range Road Alternative 2 - Morrow County</b>											
	82	Warden	29.83%	27.46	3	0.55	4	5	No	Yes	58		
	9	Warden	0.00%	0.00	3	0.55	4	5	No	Yes	58		
79	Warden	64.05%	58.97	3	0.55	4	5	No	Yes	58			
85	Warden	6.12%	5.63	3	0.55	4	5	No	Yes	58			
	<b>Total Acres</b>	<b>100.00%</b>	<b>92.06</b>										
Umatilla	<b>Proposed Total Length - Umatilla County</b>												
	28	Gurdane	32.15%	1077.79	6	0.43	16	2	No	No	15		
	29	Quincy	1.12%	37.68	2	0.32	3	5	No	Yes	74		
	30	Hall Ranch	23.19%	777.46	7	0.37	24	3	Yes	Yes	41		
	31	Morrow	29.66%	994.45	6	0.37	4	2	No	No	25		
	32	Tolo	10.91%	365.60	5	0.43	53	5	No	No	38		
	33	Hermiston	2.62%	87.86	5	0.37	2	5	No	No	NA		
	34	Pilot Rock	0.34%	11.45	5	0.43	4	2	No	No	NA		
		<b>Total Acres</b>	<b>100.00%</b>	<b>3352.29</b>									



County	Soil ID	Soil Name	Extent (% of survey area)	Acres in Boundary	Wind Erodibility	K Factor	Slope %	T Factor	Stony/Rocky	Droughty	Depth to Bedrock (inches)
Union	<b>Proposed Total Length - Union County</b>										
	35	Hall Ranch	36.10%	1085.63	7	0.37	24	3	Yes	Yes	41
	36	Gwinly	28.32%	851.60	8	0.37	24	1	Yes	Yes	38
	37	La Grande	4.07%	122.39	6	0.28	1	5	No	No	NA
	38	Ruckles	22.50%	676.49	8	0.33	7	1	Yes	Yes	41
	39	Coughanour	2.83%	85.09	6	0.37	5	3	No	No	NA
	40	Wingville	0.84%	25.40	6	0.28	1	5	No	No	NA
	41	Coughanour	1.28%	38.54	6	0.37	5	3	No	No	NA
	71	Hot Lake	2.61%	78.51	4L	0.32	1	5	No	No	33
	73	Gwinly	1.01%	30.35	8	0.37	24	1	Yes	Yes	38
	75	La Grande	0.36%	10.72	6	0.28	1	5	No	No	NA
	77	Ruckles	0.08%	2.50	8	0.33	7	1	Yes	Yes	41
	<b>Total Acres</b>			<b>100.00%</b>	<b>3007.22</b>						
	<b>Morgan Lake Alternative - Union County</b>										
	4	Hall Ranch	30.74%	459.97	7	0.37	24	3	Yes	Yes	41
	5	Gwinly	39.23%	587.05	8	0.37	24	1	Yes	Yes	38
	6	La Grande	10.69%	159.96	6	0.28	1	5	No	No	NA
	7	Klicker	11.19%	167.44	6	0.32	24	2	Yes	Yes	43
	70	Hot Lake	5.25%	78.51	4L	0.32	1	5	No	No	33
	72	Gwinly	2.03%	30.35	8	0.37	24	1	Yes	Yes	38
	74	La Grande	0.72%	10.72	6	0.28	1	5	No	No	NA
76	Ruckles	0.17%	2.50	8	0.33	7	1	Yes	Yes	41	
<b>Total Acres</b>			<b>100.00%</b>	<b>1496.50</b>							
Baker	<b>Proposed Total Length - Baker County</b>										
	10	Ruckles	9.93%	541.27	8	0.33	7	1	Yes	Yes	41
	11	Wingville	4.33%	235.80	6	0.28	1	5	No	No	NA
	12	Ateron	3.13%	170.72	8	0.43	7	1	Yes	Yes	43
	13	Ateron	18.36%	1000.34	8	0.43	7	1	Yes	Yes	43
	14	Ruckles	0.94%	51.23	8	0.33	7	1	Yes	Yes	41
	15	Ateron	6.55%	356.82	8	0.43	7	1	Yes	Yes	43
	16	Coughanour	2.69%	146.36	6	0.37	5	3	No	No	NA
	17	Coughanour	3.16%	172.34	6	0.37	5	3	No	No	NA
	18	Ateron	2.10%	114.28	8	0.43	7	1	Yes	Yes	43
	19	Hyll	3.22%	175.28	8	0.32	48	5	Yes	Yes	74
20	Ruckles	0.85%	46.27	8	0.33	7	1	Yes	Yes	41	
21	Hyll	16.20%	882.54	8	0.32	48	5	Yes	Yes	74	

County	Soil ID	Soil Name	Extent (% of survey area)	Acres in Boundary	Wind Erodibility	K Factor	Slope %	T Factor	Stony/Rocky	Droughty	Depth to Bedrock (inches)
	22	Durkee	4.15%	226.10	7	0.28	7	2	Yes	Yes	43
	23	Ruckles	2.67%	145.37	8	0.33	7	1	Yes	Yes	41
	24	Snaker	15.16%	825.75	8	0.32	40	1	Yes	Yes	41
	25	Hyll	0.39%	21.22	8	0.32	48	5	Yes	Yes	74
	26	Ruckles	1.96%	106.58	8	0.33	7	1	Yes	Yes	41
	27	Hyll	4.22%	230.16	8	0.32	48	5	Yes	Yes	74
	<b>Total Acres</b>			<b>100.00%</b>	<b>5448.41</b>						
<b>Proposed Total Length - Malheur County</b>											
Malheur	48	Ruckles	0.80%	47.24	8	0.33	7	1	Yes	Yes	41
	49	Poall	14.19%	835.71	3	0.43	7	3	No	Yes	4
	50	Powder	4.74%	278.90	4L	0.37	1	5	No	No	77
	51	Chilcott	1.70%	100.00	5	0.49	4	2	No	No	NA
	52	Chilcott	7.19%	423.33	5	0.49	4	2	No	No	NA
	53	Poall	4.24%	249.39	3	0.43	7	3	No	Yes	4
	54	Nyssaton	1.98%	116.53	4L	0.49	1	5	No	No	77
	55	Ruckles	39.47%	2323.68	8	0.33	7	1	Yes	Yes	41
	56	Chilcott	1.26%	74.21	5	0.49	4	2	No	No	NA
	57	Baldock	0.84%	49.63	4L	0.32	1	5	No	No	77
	58	Powder	0.57%	33.60	4L	0.37	1	5	No	No	77
	59	Nyssaton	7.57%	445.95	4L	0.49	1	5	No	No	77
	60	Willhill	4.17%	245.27	6	0.31	14	2	Yes	Yes	30
	61	Hyll	8.47%	498.80	8	0.32	48	5	Yes	Yes	74
	62	Powder	0.02%	0.99	4L	0.37	1	5	No	No	77
	63	Shoofly	1.55%	90.98	6	0.33	2	1	Yes	No	35
	65	Powder	0.27%	15.80	4L	0.37	1	5	No	No	77
	67	Poall	0.05%	2.85	3	0.43	7	3	No	Yes	4
	69	Ruckles	0.93%	54.71	8	0.33	7	1	Yes	Yes	41
	<b>Total Acres</b>			<b>100.00%</b>	<b>5887.56</b>						
<b>Double Mountain Alternative</b>											
	68	Ruckles	8.02%	54.71	8	0.33	7	1	Yes	Yes	41
	66	Poall	0.42%	2.85	3	0.43	7	3	No	Yes	4
	64	Powder	2.32%	15.80	4L	0.37	1	5	No	No	77
	1	Powder	26.98%	183.97	4L	0.37	1	5	No	No	77
	2	Poall	0.00%	0.01	3	0.43	7	3	No	Yes	4
	3	Ruckles	62.26%	424.59	8	0.33	7	1	Yes	Yes	41
<b>Total Acres</b>			<b>100.00%</b>	<b>681.94</b>							

**ATTACHMENT I-3  
1200-C PERMIT APPLICATION AND DRAFT EROSION AND SEDIMENT  
CONTROL PLAN**

---

May 3, 2012

Ms. Jackie Ray  
Oregon Department of Environmental Quality  
700 SE Emigrant, Suite 330  
Pendleton, OR 97801

Dear Ms. Ray:

Idaho Power Company (IPC) proposes to construct an overhead, high-voltage transmission line, known as the Boardman to Hemingway Transmission Line Project (Project), from near Boardman, Oregon through Morrow, Umatilla, Union, Baker and Malheur counties and into southwest Idaho. We are currently in the permitting phase of the Project that is occurring on two parallel paths. Idaho Power is pursuing a site certificate from the Oregon Energy Facility Siting Council (EFSC) as administered by the Oregon Department of Energy (Department). A federal Environmental Impact Statement (EIS) is also under development. The US Department of Interior, Bureau of Land Management (BLM) is the lead federal agency for the EIS process.

The requirements of the EFSC certificate are found in Oregon Administrative Rules OAR 345, division 021. As part of the required soils analysis (OAR 345-021-0010(i), Exhibit I) the EFSC relies, in part, on meeting soil protection standards by a determination that the Project can be expected to receive a National Pollutant Discharge Elimination System (NPDES) 1200-C permit for stormwater discharge. OAR 345-021-0000(7) allows the applicant to submit the application for the site certificate prior to applying for the federally delegated permit, but requires a copy of the federally delegated permit be submitted to the department to support their completeness finding. An initial corridor alignment has been studied and forms the basis for the preliminary Application for Site Certificate, 1200-C permit, and other ancillary permits, however, the final alignment may be modified as the EIS and EFSC processes proceed. The final 1200-C permit cannot be completed until the two decision bodies concur on the final alignment.

The purpose of this letter is to transmit the preliminary application for a 1200-C stormwater permit for the construction of the Project. IPC is submitting this preliminary application including a preliminary Erosion and Sediment Control Plan (ESCP) to facilitate ODOE and ODEQ review of the preliminary Application for Site certification which is scheduled for submittal to ODOE later this year. In absence of a complete ESCP, based on the final alignment, IPC has included an example of the plan format, content, and details that would comprise the plan when submitted.

The basis for this approach was established at a January 12, 2012 project meeting attended by Ms. Krista Ratliff, of DEQ's Bend, Oregon office. In that meeting Pike Energy, LLC, IPC's engineer, had completed preliminary erosion and sediment control

plan (ESCP) drawings that comply with many of the requirements of the 1200-C permit. The result of that meeting was that IPC would present a preliminary 1200-C permit application, including the preliminary ESCP as a means of furthering the EFSC process. During the meeting, it was stated that the EFSC process can proceed without a final 1200-C permit if DEQ prepares a letter to EFSC that both acknowledges the initiation of the permit application process and states the estimated date when DEQ will complete its review and issue a permit decision. IPC understands that the project cannot proceed until the final 1200-C permit is obtained.

Enclosed are two copies of the preliminary 1200-C permit, including the preliminary ESCP, and the permit fee. We would appreciate your review and comments, with the understanding that later tasks may include DEQ production of the letter to EFSC, after this preliminary permit has been reviewed approved by your office.

We appreciate your consideration in this matter.

Sincerely,

A handwritten signature in black ink that reads "Todd Adams". The signature is written in a cursive style with a long horizontal flourish extending to the right.

Todd Adams  
Project Manager

Cc: Z Funkhouser, IPC  
M Bracke, IPC  
D Dockter, IPC

<b>DEQ USE ONLY</b>	
File #:	_____
Application #:	_____
LLID/RM:	_____
River Mile:	_____
Legal Name Confirmed:	<input type="checkbox"/>
Notes:	_____

**APPLICATION FOR NEW  
NPDES GENERAL PERMIT #1200-C**  
For stormwater discharges to surface waters from construction activities disturbing one acre or more that do not meet automatic coverage requirements.



State of Oregon  
Department of  
Environmental  
Quality

Oregon Department of Environmental Quality

<b>DEQ USE ONLY</b>	
Date Received:	_____
Amount: \$	_____
Check Name:	_____
Check #:	_____
Deposit #:	_____
Receipt #:	_____
Notes:	_____

\* A project *may* be eligible for "automatic coverage" under NPDES general permit 1200-CN if stormwater *does not* discharge to a water body with a TMDL or 303(d) listing for sediment or turbidity *and* it meets one of the following criteria (see 1200-CN at <http://www.deq.state.or.us/wq/wqpermit/docs/general/npdes1200cn/1200CNPPermit.pdf>):

- 1) Disturbs less than one acre and is located in Gresham, Troutdale, or Wood Village.
- 2) Disturbs less than five acres and is located in Albany, Corvallis, Eugene, Milwaukie, Multnomah Co. (unincorporated areas), Springfield, West Linn, or Wilsonville.
- 3) Disturbs less than five acres and is within the jurisdictions of Clackamas Co. Water Environment Services [Gladstone, areas within Clackamas Co. Service Dist. #1 (excluding Happy Valley), and areas within the Surface Water Management Agency of Clackamas Co. (including Rivergrove)], Clean Water Services (Banks, Beaverton, Cornelius, Durham, Forest Grove, Hillsboro, King City, North Plains, Sherwood, Tigard, Tualatin, and Washington Co. within Urban Growth Boundary), or Rogue Valley Sewer Services (Central Point, Phoenix, Talent, and portions of Jackson Co. in NPDES MS4 permit area).

**Please answer all questions.**

A. PROJECT INFORMATION	
<p>1. <b>Idaho Power Company</b> Applicant (entity legally responsible for permit) <b>Zach Funkhouser</b> Contact Name (if different from applicant) <b>1221 West Idaho Street</b> Address <b>Boise</b> ID <b>83702</b> City State Zip <b>(208) 388-5375</b> <b>zfunkhouser@idaho power.com</b> Telephone E-Mail Address</p>	<p>2. <b>Zach Funkhouser</b> Invoice Contact Name (if different from applicant) (same as contact address) Address City State Zip Telephone E-Mail Address</p>
<p>3. <b>Pike Energy Solutions, LLC</b> Architect/Engineering Firm (Erosion &amp; Sediment Control Plan) <b>Aaron Storo</b> Project Manager <b>(503) 937-2000</b> <b>astoro@pike.com</b> Telephone E-Mail Address</p>	<p>4. <b>To Be Determined</b> Applicant's Designated Erosion and Sediment Control Inspector Company Name Telephone E-Mail Address</p>
<p>5. _____ Name of Project <b>Boardman to Hemingway Transmission Line</b> Address or Cross Street City State Zip County</p>	<p>6. Nature of Construction Activity  <input type="checkbox"/> Single Family (SIC Code 1521)  <input type="checkbox"/> Multi-Family Residential (SIC Code 1522)  <input type="checkbox"/> Commercial (SIC Code 1542)  <input type="checkbox"/> Industrial (SIC Code 1541)  <input type="checkbox"/> Highway (SIC Code 1611)  <input checked="" type="checkbox"/> Utilities (SIC Code 1623): <b>Transmission Line</b>  <input type="checkbox"/> Other (include SIC Code): _____</p>

**A. PROJECT INFORMATION (continued)**

7. Approximate location of center of site:

Latitude: 45.012  
Longitude: -117.838

*\*\*For assistance: DEQ Location Tool at <http://deqgisweb.deq.state.or.us/llid/llid.html>\*\**

8. Project Size:

Total Site Acreage (acres): To Be Determined  
Total Disturbed Area (acres): 5,228.9

9. Stormwater runoff during construction will flow to:

- Infiltration device(s)
- Creek/Stream (provide name):
- Ditch (provide name of receiving stream for ditch):
- Municipal storm sewer or drainage system (provide name of receiving stream for system):
- Other: See Attached Table A-9

10. Stormwater runoff during construction discharges directly to or through a storm sewer or drainage system that discharges to a water body with a Total Maximum Daily Load (TMDL) or 303(d) listing for turbidity or sedimentation?  YES  NO

*\*\*For assistance: DEQ Lookup Tool at <http://deq12.deq.state.or.us/tmdl/default.aspx> or DEQ Map/Table at <http://deq12.deq.state.or.us/tmdl/default.aspx>\*\**

**B. LAND USE COMPATIBILITY STATEMENT**

Submit a DEQ Land Use Compatibility Statement (LUCS) form that has been completed by the local land use authority with this application. Attach the *original* LUCS and, if applicable, written findings by the local authority. DEQ will not process the application unless the local land use authority indicates on the LUCS form that the project is compatible with the local acknowledged comprehensive plan and land use regulations. See Attached Insert B-1

*\*\*A copy of this form may be found at <http://www.deq.state.or.us/pubs/permithandbook/generallucs.pdf>\*\**

**C. SIGNATURE OF LEGALLY AUTHORIZED REPRESENTATIVE**

The legally authorized representative *must* sign the application.

I hereby certify that the information contained in this application is true and correct to the best of my knowledge and belief. In addition, I agree to pay all permit fees required by Oregon Administrative Rules 340-045. This includes a compliance determination fee invoiced annually by DEQ to maintain the permit.

Vern Porter

VP, Delivery, Engineering and Operations

Name of Legally Authorized Representative (Type or Print)

Title

Signature of Legally Authorized Representative

Date

**APPLICATION AND FEE SUBMITTAL**

To authorize permit registration, the following must be completed and submitted to the appropriate DEQ regional office or DEQ Agent (see list of offices in application instructions, pp. 3-4):

- DEQ application form signed by the Legally Authorized Representative and meeting the signature requirements below.
- DEQ LUCS by local land use authority indicating the activity is compatible with local acknowledged comprehensive plan and land use regulations. Include the Findings if so stated on the LUCS.
- Stormwater Erosion and Sediment Control Plan Narrative, if applicable.
- Stormwater Erosion and Sediment Control Plan Drawings; full-sized hard copy and electronic PDF files.
- The fee for a new application is \$1,586 payable to Oregon DEQ and you must submit it with this application. Please note that DEQ will also invoice you for an annual fee of \$804 if your project needs permit coverage for more than a year. These fees are subject to change; please visit <http://www.deq.state.or.us/wq/rules/div045/tables.pdf> for current fees. If you are sending your application to a DEQ Agent, check with the DEQ Agent for appropriate fees and make check payable to the DEQ Agent.

**NPDES General Permit 1200-C for Construction Activities  
Application Instructions**

**A. PROJECT INFORMATION**

1. Enter the legal name of the applicant. Permit coverage will be issued to this entity. This is the person, business, public organization, or other entity responsible for ensuring that erosion and sediment controls are in place and in working order through the life of the project.
  - The name must be a legal, active name registered with the Oregon Department of Commerce, Corporation Division in Salem at 503-378-4752 or [http://egov.sos.state.or.us/br/pkg\\_web\\_name\\_srch\\_inq\\_login](http://egov.sos.state.or.us/br/pkg_web_name_srch_inq_login), unless otherwise exempted by their rules. If the name of the applicant is not registered with the Corporation Division and the applicant is a business entity, attach legal documents that verify the entity's existence with the application. The applicant may not use an assumed business name.
  - Permit coverage may be transferred from one party to another. For example, a developer may apply for a permit and then transfer the permit to a contractor. Transfer forms are available from DEQ or at <http://www.deq.state.or.us/wq/stormwater/constappl.htm>.
2. Provide invoice contact information for billing of DEQ annual permit fee if different from the applicant in #1 above.
3. Provide contact information for the Architect or Consulting Engineer who designed the Erosion and Sediment Control Plan (ESCP).
4. Provide information on the Erosion and Sediment Control Inspector. This is not a DEQ or DEQ Agent inspector; this is an inspector employed by the applicant. If the inspector has not been selected yet, please provide the name of consultant who prepared the ESCP and their ESC certification. When the inspector is selected, submit to DEQ or to the DEQ Agent, the name, contact information, training and experience (see condition A.12.b.iii of the 1200-C).
5. Provide the common name of the project (for example, the name of the subdivision), the location of the site with respect to crossroads in the area, and, if available, a street address.
6. Check the box that best describes the nature of the construction activity. If "other" is selected, describe the use and include a Standard Industrial Classification Code (visit <http://www.osha.gov/pls/imis/sicsearch.html> for codes).
7. Enter latitude and longitude for the approximate center of the site (DEQ Location Tool at <http://deqgisweb.deq.state.or.us/lid/lid.html> or at <http://deqapp1/website/lit/data.asp>).
8. Provide information on the project size as indicated (based on the total project and not just a single phase).
9. Indicate where stormwater runoff during construction will flow. Use your best judgment to determine the name of the receiving water body.
10. Indicate whether stormwater runoff during construction will discharge directly to or through a storm sewer or drainage system that discharges to a Total Maximum Daily Load (TMDL) or 303(d) listed water body for turbidity or sedimentation. To make this determination, the following tools are available on DEQ's website:
  - Map and table: <http://www.deq.state.or.us/WQ/TMDLs/basinmap.htm>
  - Lookup tool: <http://deq12.deq.state.or.us/tmdl/default.aspx>

**B. LAND USE COMPATIBILITY STATEMENT**

Complete as indicated.

**C. SIGNATURE OF LEGALLY AUTHORIZED REPRESENTATIVE**

**DEFINITION OF LEGALLY AUTHORIZED REPRESENTATIVE:**

Please also provide the information requested in brackets [ ]

- **Corporation** - president, secretary, treasurer, vice-president, or any person who performs principal business functions; or a manager of one or more facilities that is authorized in accordance to corporate procedure to sign such documents.
- **Partnership** - General partner *[list of general partners, their addresses, and telephone numbers]*.
- **Sole Proprietorship** - Owner(s) *[each owner must sign the application]*.
- **City, County, State, Federal, or other Public Facility** - Principal executive officer or ranking elected official.
- **Limited Liability Company** - Member *[articles of organization]*.
- **Trusts** – Acting trustee *[list of trustees, their addresses, and telephone numbers]*.

(please see 40 CFR §122.22 for more detail, if needed)



**NPDES General Permit 1200-C for Construction Activities  
Application Instructions**

**APPLICATION AND FEE SUBMITTAL**

Submit this application, Narrative Parts I, II & III (if applicable), LUCS, Erosion and Sediment Control Plan(2 full-sized hard copies and 1 PDF copy), and the applicable fee to the appropriate DEQ regional office or DEQ Agent listed below. Contact the appropriate DEQ regional office or DEQ Agent for the best way to submit the electronic version of the ESCP.

- If you are in an area serviced by a DEQ Agent, check with the DEQ Agent for appropriate fees and make check payable to the DEQ Agent.
- If you are sending your application to DEQ, the fee for a new application is \$1,586 payable to the Oregon DEQ. Please note that DEQ will also invoice you for an annual fee of \$804 if your project needs permit coverage for more than a year. These fees are subject to change; visit <http://www.deq.state.or.us/wq/rules/div045/tables.pdf> for current fees.

<p align="center"><b>DEQ Northwest Region</b> 2020 SW 4th Avenue, Suite 400 Portland, OR 97201-4987 503-229-5438 or 1-800-452-4011</p>	<p align="center"><b>DEQ Western Region</b> 165 East 7th Avenue, Suite 100 Eugene, OR 97401 541-687-7326 or 1-800-452-4011</p>	<p align="center"><b>DEQ Eastern Region</b> 700 SE Emigrant Avenue, Suite 330 Pendleton, OR 97801 541-278-4605 or 1-800-452-4011</p>
<p align="center"><b>City of Eugene</b> 99 W. 10th Avenue Eugene, OR 97401 541-722-5519</p>	<p align="center"><b>City of Hermiston</b> 215 Gladys Avenue Hermiston, OR 97838 541-667-5025</p>	<p align="center"><b>City of Troutdale</b> 342 SW 4th Street Troutdale, OR 97060 503-674-7270</p>
<p align="center"><b>Clean Water Services</b> 2550 SW Hillsboro Highway Hillsboro, OR 97123 503-681-5101 <i>Includes Banks, Beaverton, Cornelius, Durham, Forest Grove, Gaston, Hillsboro, King City, North Plains, Sherwood, Tigard, Tualatin, and portions of Washington Co.</i></p>	<p align="center"><b>Rogue Valley Sewer Services</b> 138 West Vilas Road, PO Box 3130 Central Point, OR 97502 541-353-4594 <i>Includes Central Point, Phoenix, Talent, White City and portions of Jackson Co.</i></p>	<p align="center"><b>Clack Co. Water Environmental Services</b> 150 Beaver Creek Road, Suite 430 Oregon City, OR 97045 503-742-4567 <i>Unincorporated Clackamas County and areas within the Cities of Rivergrove and Gladstone</i></p>

## **Insert B-1**

Idaho Power Company (IPC) is applying for a Site Certification from the Energy Facility Siting Council (EFSC). IPC has elected to follow "Path B" under ORS 504 (1)(b), which means that the site certificate binds state and local jurisdictions to the EFSC's action and requires them to issue permits, licenses, and certificates for construction and operations of the facility. The substantive criteria identified by each county from their county comprehensive plans and land use ordinances are taken into account as part of the site certification process.

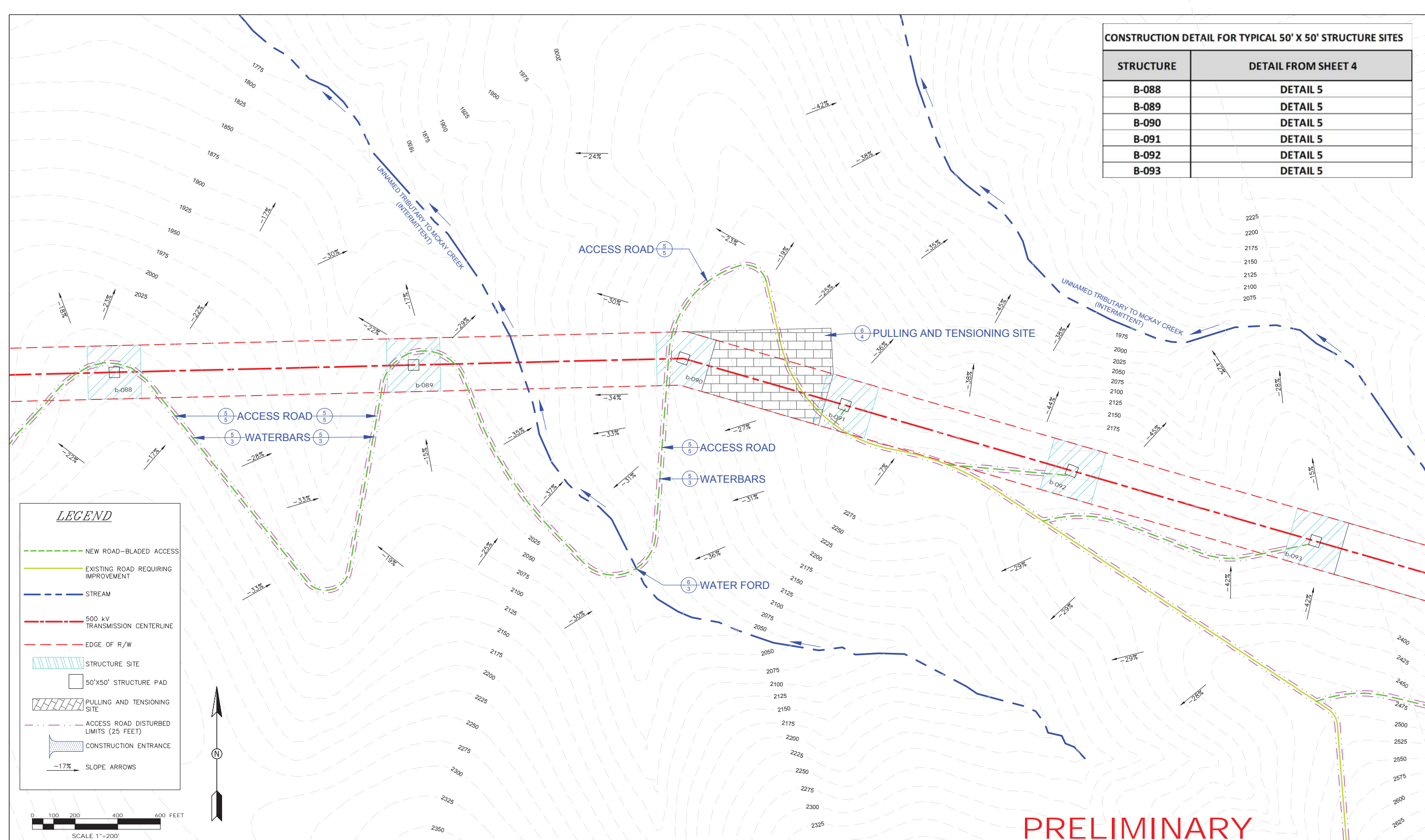
**Table A-9. Stormwater Runoff to Streams**

Route/County	Corridor Length (miles)	Subbasin Name	Subbasin HUC	Total Disturbed Area (acres)	Intermittent		Perennial		303d	
					Disturbed Area (acres)	% Total Disturbed Area	Disturbed Area (acres)	% Total Disturbed Area	Disturbed Area (acres)	% Total Disturbed Area
<b>Proposed Corridor</b>										
Morrow	36.3	Middle Columbia-Lake Wallula	17070101	218.0	18.8	8.6	--	--	--	--
		Umatilla	17070103	312.2	103.7	33.2	8.2	2.6	0.1	<0.1
Umatilla	49.5	Umatilla	17070103	869.0	76.3	8.8	22.0	2.5	1.1	0.1
		Upper Grande Ronde	17060104	11.7	--	--	--	--	--	--
Union	39.8	Powder	17050203	193.9	18.6	9.6	4.0	2.1	0.3	0.1
		Umatilla	17070103	4.5	--	--	--	--	--	--
		Upper Grande Ronde	17060104	592.4	25.4	4.3	10.2	1.7	--	--
Baker	75.0	Brownlee Reservoir	17050201	39.6	10.3	25.9	9.2	23.3	--	--
		Burnt	17050202	648.1	68.7	10.6	66.1	10.2	45.7	7.1
		Powder	17050203	532.8	74.4	14.0	7.9	1.5	--	--
Malheur	73.8	Brownlee Reservoir	17050201	135.4	9.1	6.7	1.2	0.9	--	--
		Bully	17050118	148.8	16.4	11.0	2.9	2.0	1.3	0.9
		Lower Malheur	17050117	329.4	59.4	18.0	<0.1	<0.1	2.3	0.7
		Lower Owyhee	17050110	251.7	42.4	16.8	2.1	0.8	6.5	2.6
		Middle Snake-Succor	17050103	229.3	51.9	22.6	2.2	1.0	--	--
Willow	17050119			227.5	20.1	8.8	10.5	4.6	10.5	4.6
		Middle Snake-Succor	17050103	540.0	104.0	19.3	8.1	1.5	6.0	1.1
<b>Total</b>	<b>298.2</b>			<b>5,284.3</b>	<b>699.6</b>	<b>13.2</b>	<b>154.8</b>	<b>2.9</b>	<b>73.7</b>	<b>1.4</b>
<b>Double Mountain Alternate</b>										
Malheur	7.4	Bully	17050118	0.7	--	--	<0.1	4.9	--	--
		Lower Malheur	17050117	124.9	44.8	35.9	--	--	--	--
		Lower Owyhee	17050110	14.7	6.0	41.1	--	--	--	--
<b>Total</b>	<b>7.4</b>			<b>140.3</b>	<b>50.9</b>	<b>36.3</b>	<b>&lt;0.1</b>	<b>4.9</b>	<b>--</b>	<b>--</b>



**CONSTRUCTION DETAIL FOR TYPICAL 50' X 50' STRUCTURE SITES**

STRUCTURE	DETAIL FROM SHEET 4
B-088	DETAIL 5
B-089	DETAIL 5
B-090	DETAIL 5
B-091	DETAIL 5
B-092	DETAIL 5
B-093	DETAIL 5



**LEGEND**

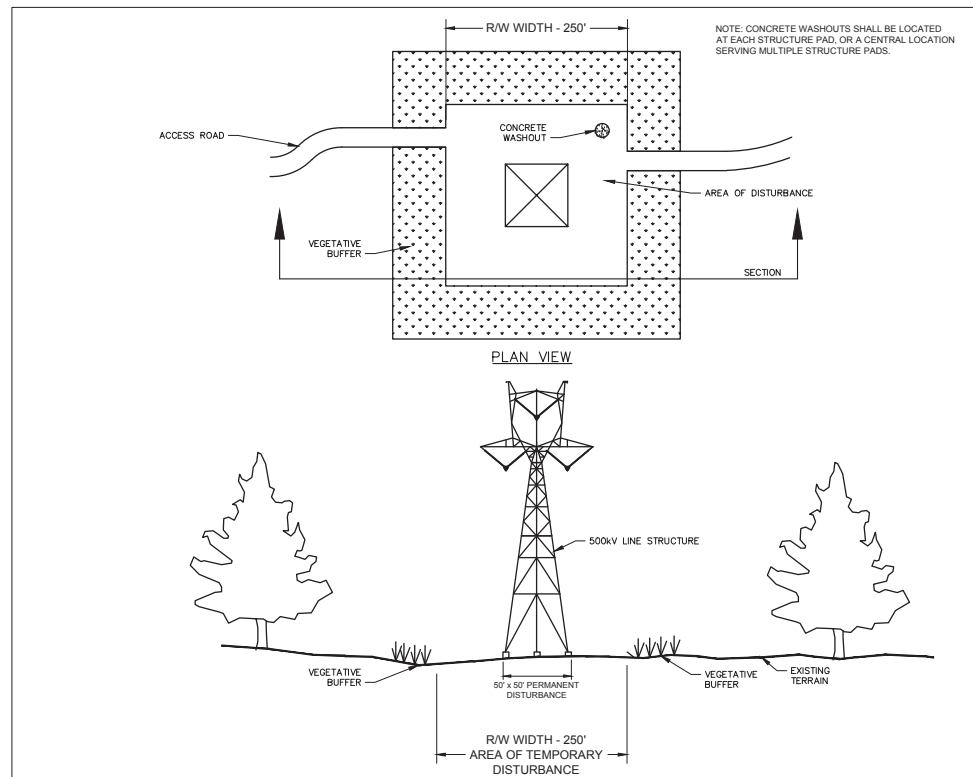
- NEW ROAD-BLADED ACCESS
- EXISTING ROAD REQUIRING IMPROVEMENT
- STREAM
- 500 kV TRANSMISSION CENTERLINE
- · - EDGE OF R/W
- ▨ STRUCTURE SITE
- 50'X50' STRUCTURE PAD
- ▨ PULLING AND TENSIONING SITE
- ACCESS ROAD DISTURBED LIMITS (25 FEET)
- ▨ CONSTRUCTION ENTRANCE
- SLOPE ARROWS

PRELIMINARY

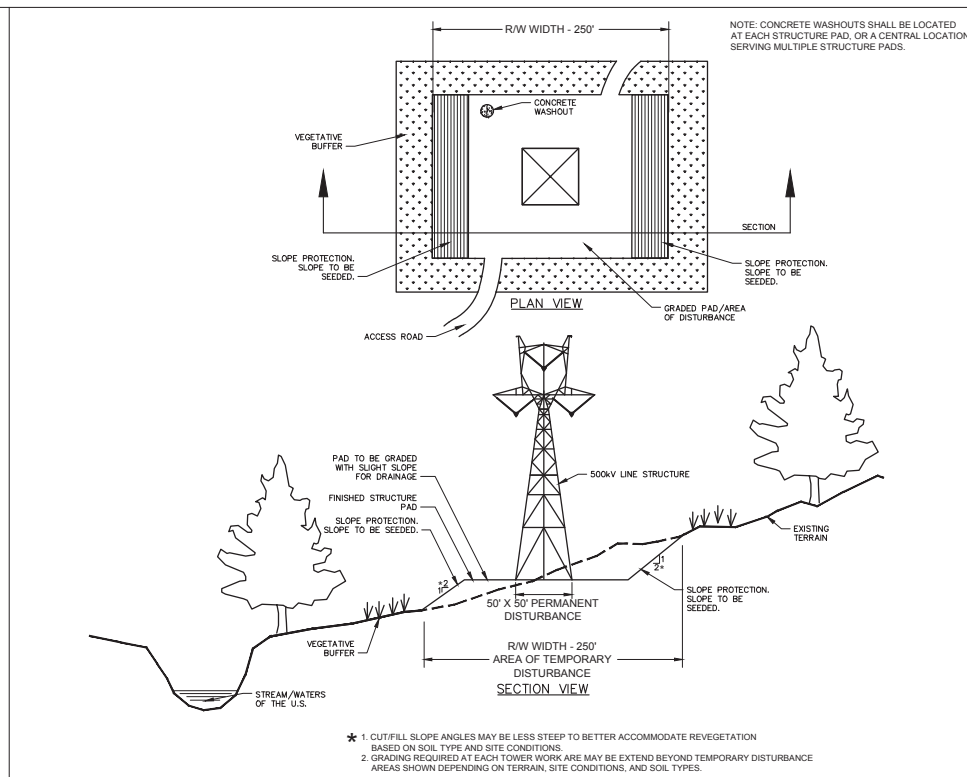
<p style="font-size: 8px;">This document contains data created by Idaho Power Company. Idaho Power does not warrant the accuracy of the data for outside use, nor is it liable for any inaccuracies contained therein, or damages resulting from its use. Documents bearing this disclaimer may not be reproduced, distributed, or put to digital or analog use without prior written permission from Idaho Power.</p>	REV.	DESCRIPTION	DATE	C.E.G.	DSGN	DFTR	REV.	DESCRIPTION	DATE	C.E.G.	DSGN	DFTR	REFERENCES	DATE	PROJECT INFORMATION	TRANSMISSION DEPARTMENT
	0	B2H EROSION AND SEDIMENT CONTROL PLANS – DRAFT	10-10-11	DKR	KTM	CAH			DESIGNER: KTM	10-10-11				10-10-11	BOARDMAN TO HEMINGWAY 500KV LINE #XXX EROSION AND SEDIMENT CONTROL PLANS	DRAWING #: PLAN VAULT #: 23D-00000-00 SHEET #: 2 OF 5
1	REVISE	11-22-11	DKR	KTM	KTM			DRAFTER: CAH	10-10-11				10-10-11			

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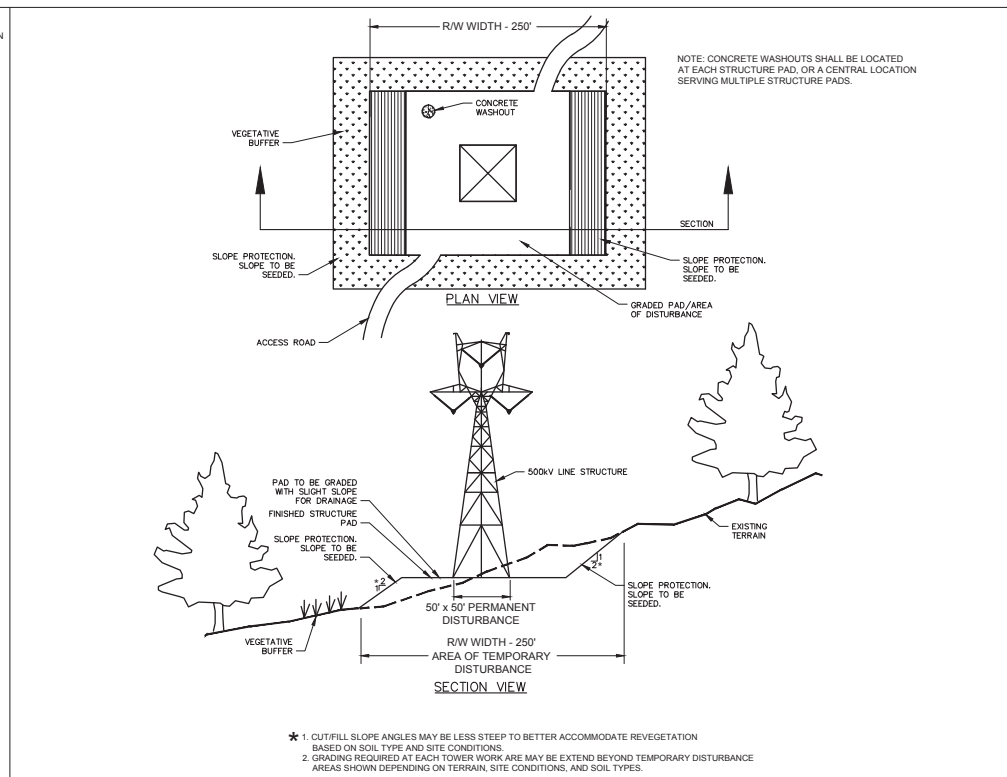




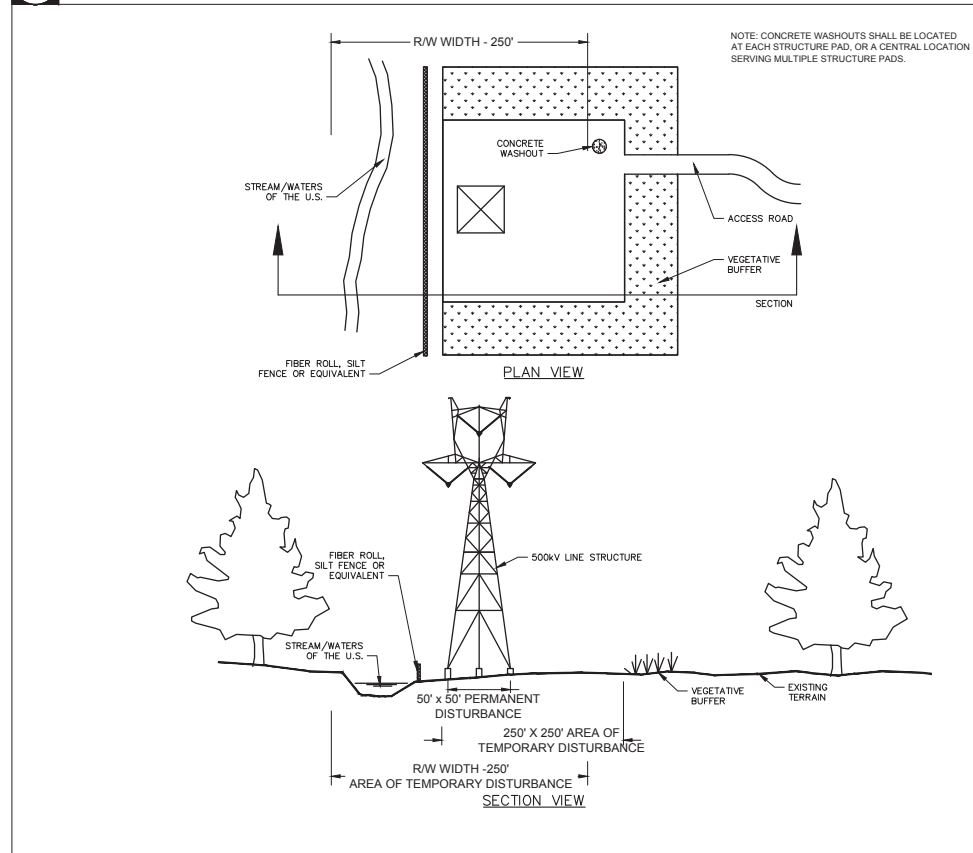
1/4 TYPICAL STRUCTURE SITE



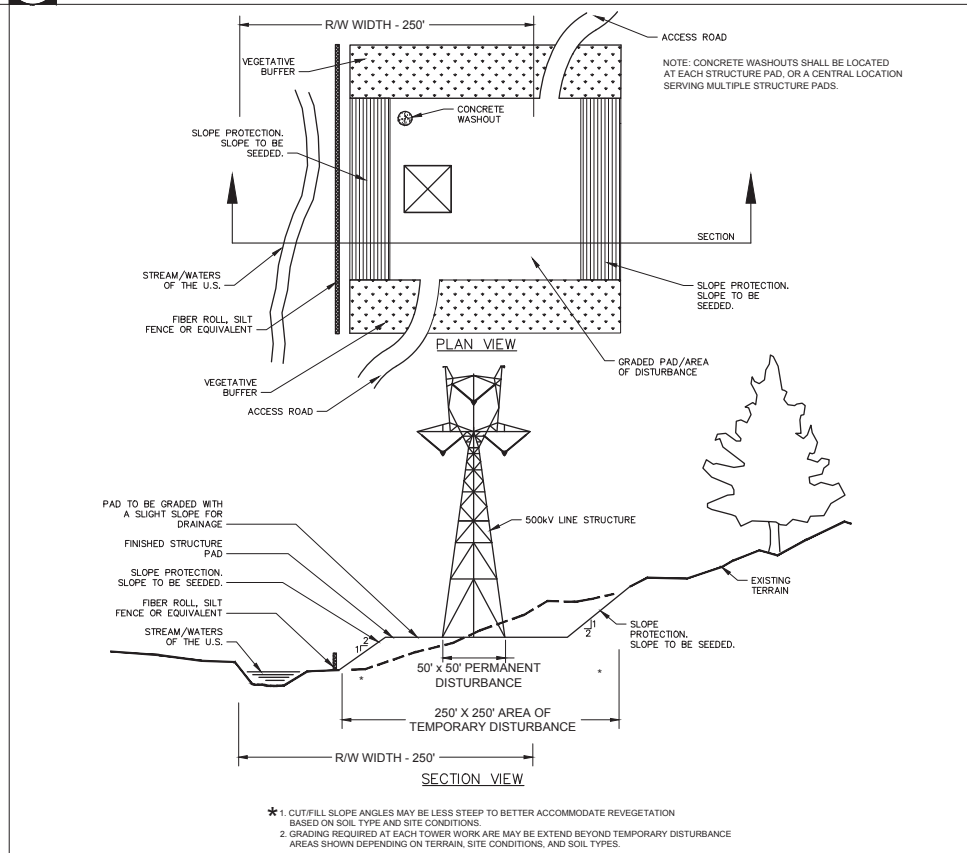
3/4 TYPICAL STRUCTURE SITE-ALTERNATE 2



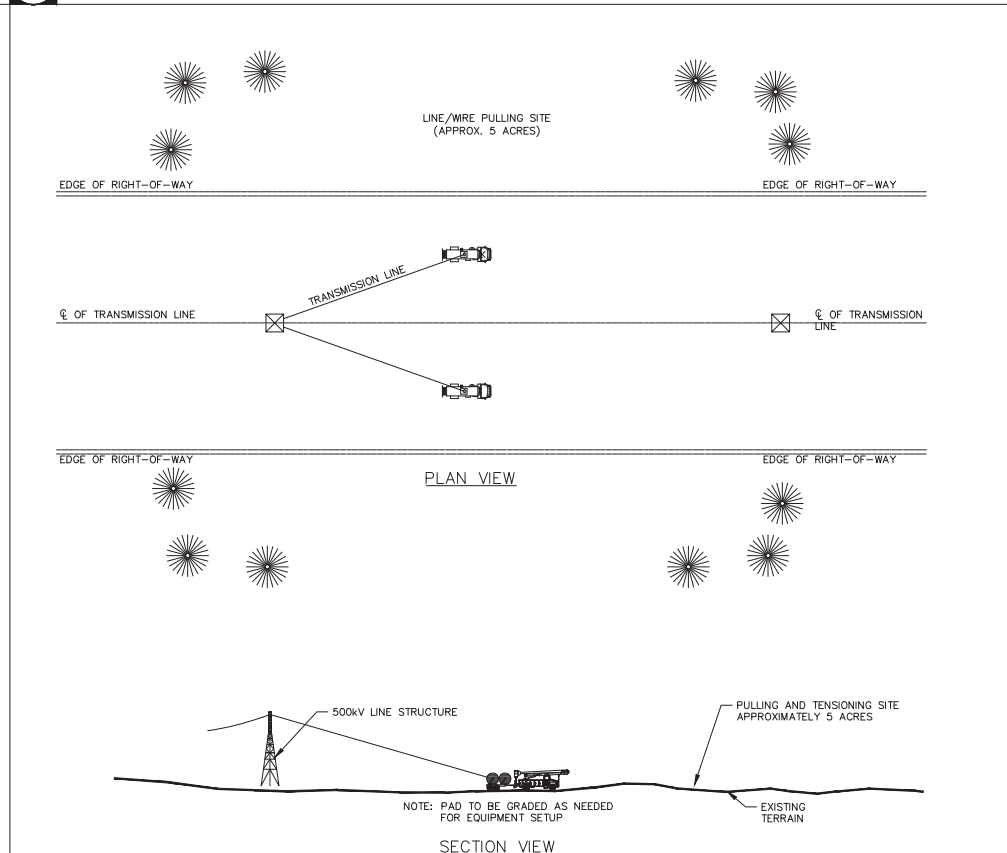
5/4 TYPICAL STRUCTURE SITE-ALTERNATE 4



2/4 TYPICAL STRUCTURE SITE-ALTERNATE 1



4/4 TYPICAL STRUCTURE SITE-ALTERNATE 3



6/4 PULLING AND TENSIONING SITE

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REV.	DESCRIPTION	DATE	C.E.G.	DSGN	DFTR
0	B2H EROSION AND SEDIMENT CONTROL PLANS - DRAFT	10-10-11	DKR	KTM	CAH
1	REVISE	11-22-11	DKR	KTM	KTM

REV.	DESCRIPTION	DATE	C.E.G.	DSGN	DFTR

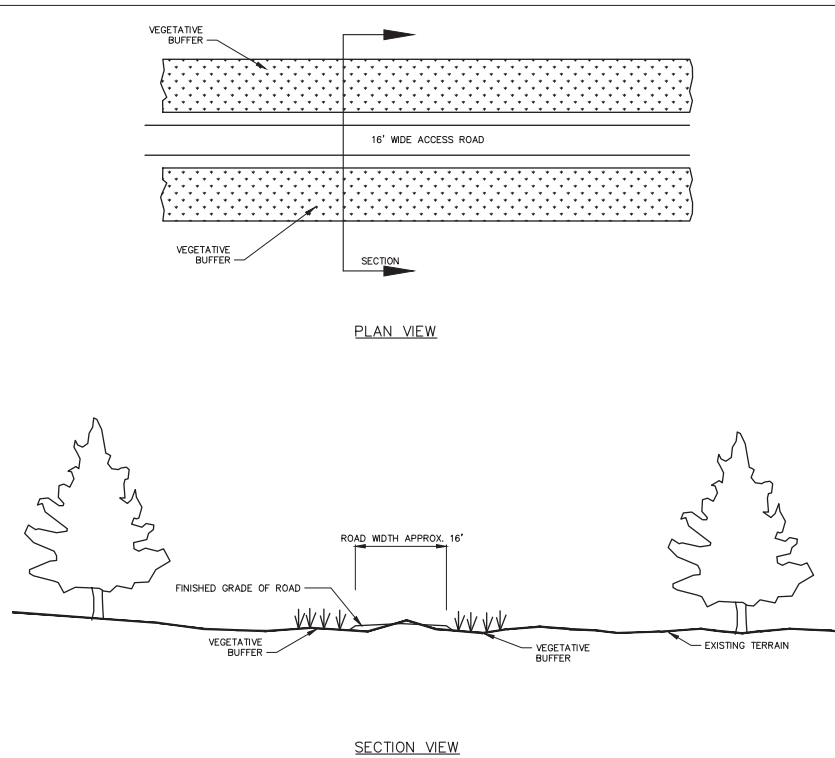
REV.	DESCRIPTION	DATE	C.E.G.	DSGN	DFTR

REV.	DESCRIPTION	DATE	C.E.G.	DSGN	DFTR

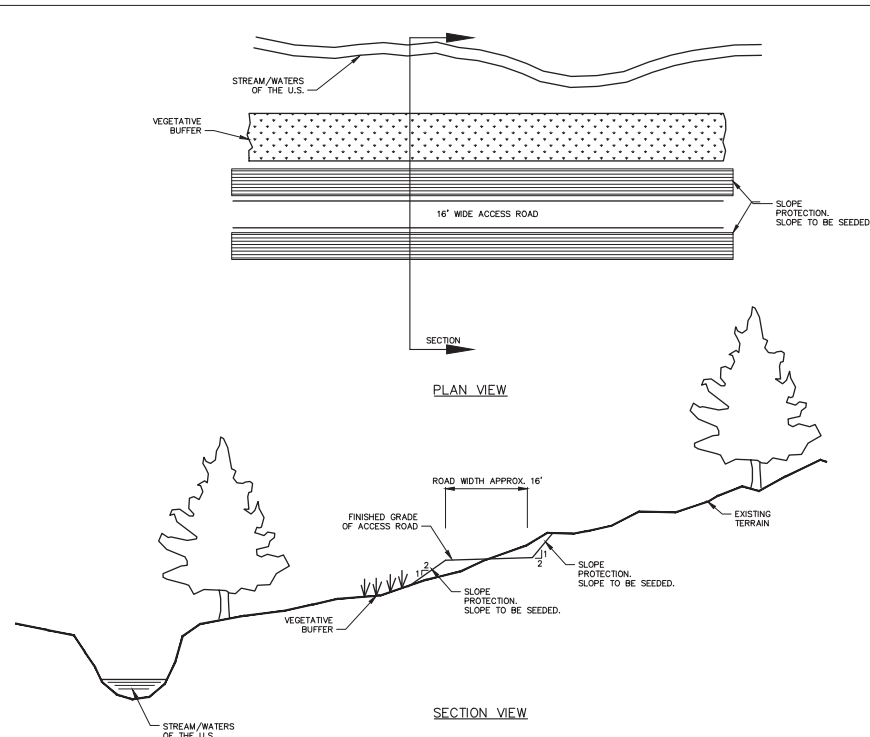
REFERENCES	DATE	PROJECT INFORMATION	TRANSMISSION DEPARTMENT
DESIGNER: KTM	10-10-11	BOARDMAN TO HEMINGWAY 500kV LINE #XXX EROSION AND SEDIMENT CONTROL PLANS	DRAWING #: DETAILS B VAULT #: 23D-00000-00 SHEET #: 4 OF 5
DRAFTER: CAH	10-10-11		
C.E.G.: DKR	10-10-11		
SCALE: NTS	HORZ.		
	VERT.		

PRELIMINARY

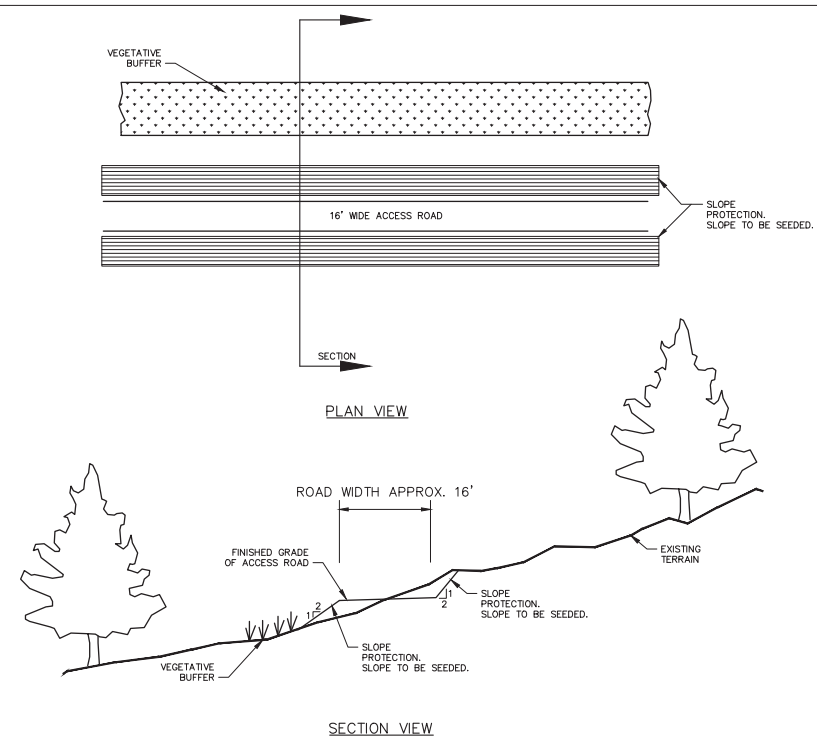
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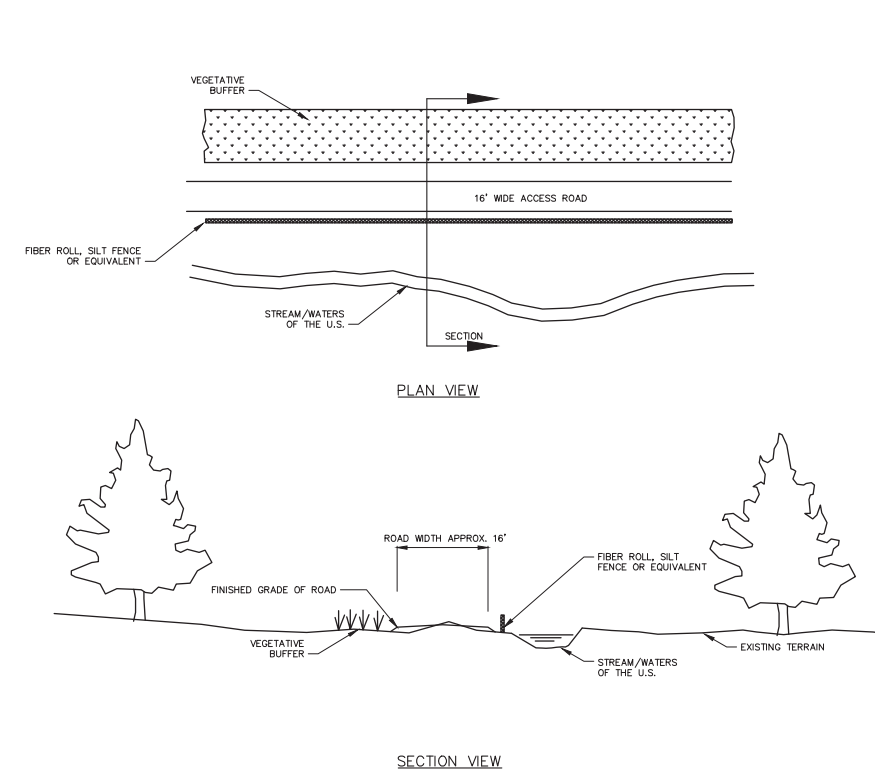
1/5 TYPICAL ACCESS ROAD INSTALLATION



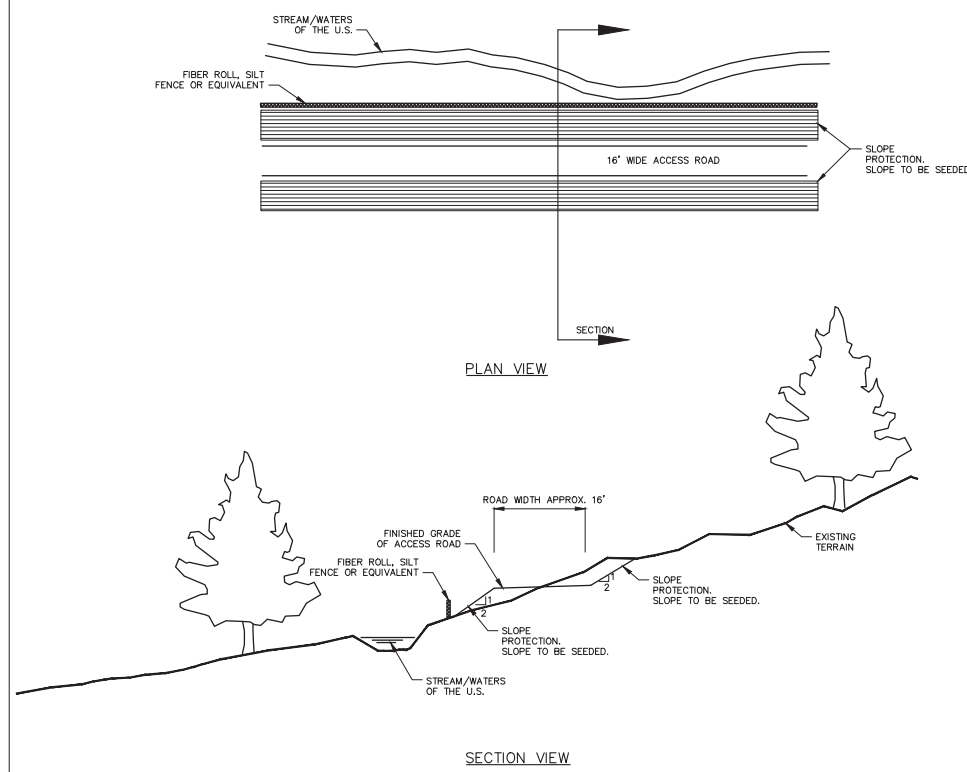
3/5 TYPICAL ACCESS ROAD INSTALLATION-ALTERNATE 2



5/5 TYPICAL ACCESS ROAD INSTALLATION-ALTERNATE 4



2/5 TYPICAL ACCESS ROAD INSTALLATION-ALTERNATE 1



4/5 TYPICAL ACCESS ROAD INSTALLATION-ALTERNATE 3

WATERBAR INSTALLATION FREQUENCY

SLOPE (%)	SPACING (FT)
<5%	125
5 TO 10	100
10 TO 20	75
20 TO 35	50
>35	25

**PRELIMINARY**

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REV.	DESCRIPTION	DATE	C.E.G.	DSGN	DFTR
0	B2H EROSION AND SEDIMENT CONTROL PLANS - DRAFT	10-10-11	DKR	KTM	CAH
1	REVISE	11-22-11	DKR	KTM	KTM

REV.	DESCRIPTION	DATE	C.E.G.	DSGN	DFTR

REFERENCES	DATE
DESIGNER: KTM	10-10-11
DRAFTER: CAH	10-10-11
C.E.G.: DKR	10-10-11
SCALE: NTS	HORZ.
	VERT.

PROJECT INFORMATION
BOARDMAN TO HEMINGWAY 500KV LINE #XXX EROSION AND SEDIMENT CONTROL PLANS

TRANSMISSION DEPARTMENT
DRAWING #: DETAILS C
VAULT #: 23D-00000-00
SHEET #: 5 OF 5

Mar 15, 2012 - 4:00pm S:\AL\PROJECTS\B2H\500KV\LAND\DWG\B2H-EROSION-CONTROL-DETAILS-01.dwg



**ATTACHMENT I-4**  
**ODEQ 1200-C PERMIT ACKNOWLEDGEMENT**

---



# Oregon

John A. Kitzhaber, Governor

Department of Environmental Quality

Eastern Region Bend Office  
475 NE Bellevue Drive, Suite 110  
Bend, OR 97701  
(541) 388-6146  
FAX (541) 388-8283  
TTY 711

December 27<sup>th</sup>, 2012

Sue Oliver  
Energy Facility Analyst  
Oregon Department of Energy  
395 E. Highland Ave.  
Hermiston, OR 97838

Re: Confirmation of Permit Application for  
Boardman to Hemingway Transmission Line Project  
1200-C Construction Stormwater Permit  
Substation near Boardman to Hemingway substation  
near Melba, ID

Dear Ms. Oliver:

On November 30<sup>th</sup> 2012, the Department of Environmental Quality received a National Pollutant Discharge Elimination System (NPDES) 1200-C permit application for stormwater discharge from the construction of Boardman to Hemingway Transmission Line Project (B2H). The application was submitted to Jackie Ray, Eastern Region Water Quality Permit Coordinator, in DEQ's Pendleton office. Payment for the permit application was received and processed by Ms. Ray on December 10<sup>th</sup>, 2012.

Now that payment has been received, the permit application is complete with the exception of a site certification from the Oregon Department of Energy (ODOE) and final review of revisions to the Erosion and Sediment Control Plan (ESCP). The permit application will be approved once the final alignment is determined; a final ESCP meets the permit requirements and pending the determination by the Energy Facility Siting Council that the B2H Project meets Oregon's land use standards.

I have given the ESCP a preliminary review. While the preliminary ESCP is incomplete pending some additional information, I expect that DEQ will be able to issue the NPDES 1200-C construction stormwater permit for the B2H Project within two to three weeks of receiving the site certificate from ODOE and receiving the final version of the ESCP.

Should you have any questions about the content of this letter, please contact me at 541-633-2033 or [ratliff.krista@deq.state.or.us](mailto:ratliff.krista@deq.state.or.us).

Sincerely,

Krista Ratliff  
Natural Resource Specialist, Stormwater  
DEQ - Eastern Region  
475 NE Bellevue Dr Suite 110  
Bend, OR 97701