ATTACHMENT B-5
ROAD CLASSIFICATION GUIDE
AND ACCESS CONTROL PLAN
APPENDIX B
ACCESS ROAD MAPBOOK
Longhorn Station

Existing Substation

Project Features
- Site Boundary
- Work Areas
- Access
  - Access Nodes
  - Existing Road, No Substantial Modification, 0-29% Improvements
  - New Road, Primitive
  - Stations

Land Status
- Bureau of Land Management
- Bureau of Reclamation
- Private
- Other Features
  - Stream/River/Canal

Map

Source(s): BLM, FPC, ODOT, USDA, USGS, Ventyx, Esri
Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\Final\AGS\Exhibits\Project Information\Maps\Attachment B-5 Roads\Roads_MORROW_rev 20180629.mxd

Oregon

Attachment B-5
Road Classification Guide and Access Control Plan
Morrow County
Map 1
Project Features:
- Site Boundary
- Work Areas
- Access
  - Access Nodes
    - Existing Road, No Substantial Modification, 0-20% Improvements
    - Existing Road, Substantial Modification, 21-70% Improvements
    - New Road, Primitive

Land Status:
- Bureau of Reclamation
- Military Reservation or Corps of Engineers
- Private
- Other Features
  - Stream/River/Canal

Source(s): BLM, FPC, ODOT, USDA, USGS, Ventyx, Esri
Z:\UtilServ\Boardman_Hemingway\Reports\022_Oregon_Energy_Siting_Council_Final\AGS\Exhibit & Project Information\Maps\Attachment B-5 Roads\Roads_MORROW_rev 20180629.mxd
Project Features
- Site Boundary
- Work Areas
- Access
- Access Nodes
- Existing Road, No Substantial Modification
- Existing Road, Substantial Modification, 21-70% Improvements
- Existing Road, Substantial Modification, 0-20% Improvements

Land Status
- Military Reservation or Corps of Engineers
- Private

Source(s): BLM, IPC, ODOT, USDA, USGS, Ventyx, Esri
Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\Final\ASC\Exhibits\Project Information\Attachment B-5 Roads\Roads_MORROW_rev 20180629.mxd

Morrow County
Attachment B-5
Road Classification Guide and Access Control Plan
Boardman to Hemingway Transmission Line Project
Application for Site Certificate
**Project Features**
- Site Boundary
- Work Areas
- Access
  - Access Nodes
  - Existing Road, No Substantial Improvements
  - Existing Road, Substantial Improvements
  - New Road, Primitive

**Land Status**
- Military Reservation or Corps of Engineers
- Private
- State or Local

Source(s): BLM, ODF, ODOT, USDA, USGS, Ventyx, Esri

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\Final\Map\Exhibit B_Project Information\Maps\Attachment B-5 Roads\Roads_MORROW_rev 20180629.mxd
**Project Features**
- Site Boundary
- Work Areas
- Access
  - Access Nodes
- Existing Road, No Substantial Modifications, 0-20% Improvements
- Existing Road, Substantial Modifications, 21-70% Improvements
- New Road, Primitive

**Land Status**
- Military Reservation or Corps of Engineers
- Private
- State or Local

**Map Area**
- 0 1,000 Feet

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

**Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final\ASC\Exhibits\B_Project Information\Maps\Attachment B-5 Roads\Roads_MORROW_rev 20180629.mxd

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

**Attachment B-5**
Road Classification Guide and Access Control Plan

Morrow County
Map 5
Project Features
- Site Boundary
- Work Areas
- Access
  - Access Nodes
- Existing Road, No Substantial Modification, 0-20% Improvements
- Existing Road, Substantial Modification, 21-70% Improvements
- New Road, Primitive

Land Status
- Military Reservation or Corps of Engineers
- Private

Source(s): BLM, IPC, ODOT, USDA, USGS, Ventyx, Esri
Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final\ASD-Exhibit-B_Project-Interviews\Map\Attachment-B-5-Roads_MORROW_rev_20180629.mxd
Boardman to Hemingway Transmission Line Project
Application for Site Certificate
Morrow County
Map 7

NAVAL WEAPONS SYSTEMS TRAINING FACILITY (NWSTF) BOARDMAN

Project Features
- Site Boundary
- Work Areas
- Access
  - Access Nodes
- Existing Road, No Substantial Modification, 0-20% Improvements
- Existing Road, Substantial Modification, 21-70% Improvements
- New Road, Primitive

Land Status
- Military Reservation or Corps of Engineers
- Private

Source(s): BLM, IPC, ODOT, USDA, USGS, Ventyx, Esri
Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\Final\Exhibits\Project Information\Boardman_Hemingway\Roads\Roads_MORROW_rev 20180629.mxd
Project Features
- Site Boundary
- Work Areas
- Access
  - Access Nodes
  - Existing Road, No Substantial Modification, 0-20% Improvements
  - Existing Road, Substantial Modification, 21-70% Improvements
- New Road, Primitive

Land Status
- Private

Other Features
- Stream/River/Canal
Project Features
- Site Boundary
- Work Areas
- Access
- Access Nodes
- Existing Road, No Substantial Modification, 0-20% Improvements
- Existing Road, Substantial Modification, 21-70% Improvements

Land Status
- Private
- Other Features
- Stream/River/Canal

Source(s): BLM, FPC, ODOT, USDA, USGS, Ventyx, Esri
Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final\AC\Exhibit B_Project Information\Maps\Attachment B-5 Roads\Roads_MORROW_rev 20180629.mxd

Map 10

Boardman to Hemingway Transmission Line Project
Application for Site Certificate
Morrow County
Map 10
**Project Features**
- Site Boundary
- Work Areas
- Access
  - Access Nodes
- Existing Road, No Substantial Modification, 0-20% Improvements
- Existing Road, Substantial Modification, 71-100% Improvements
- New Road, Primitive

**Land Status**
- Private
- Stream/River/Canal

Source(s): BLM, ODF, ODOT, USDA, USGS, Ventyx, Esri

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\Final\MapExhibits\Project Information\Maps\Attachment B-5 Roads\Roads_MORROW_rev 20180629.mxd

Map Area

Boardman to Hemingway Transmission Line Project
Application for Site Certificate
Morrow County
Map 12
Project Features

- Site Boundary
- Work Areas
- Access

Access Nodes
- Existing Road, No Substantial Modification, 0-20% Improvements
- Existing Road, Substantial Modification, 21-70% Improvements
- Existing Road, Substantial Modification, 71-100% Improvements
- New Road, Primitive

Existing Road, Substantial Modification, 71-100% Improvements

Land Status
- Private

Other Features
- Stream/River/Canal

Source(s): BLM, ODFW, ODOT, USDA, USGS, Ventyx, Esri
Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final\ASC\Exhibits\B_Project Information\Maps\Attachment B-5 Roads\Roads_MORROW_rev 20180629.mxd
Boardman to Hemingway Transmission Line Project
Application for Site Certificate
Morrow County
Map 14

Attachment B-5
Road Classification Guide
and Access Control Plan

MORROW
COUNTY

Butter Creek

MO-265
MO-261
MO-257
MO-253
MO-255
MO-252
MO-250
MO-256
MO-269
MO-273
MO-266
MO-267
MO-264
MO-254
MO-251
MO-248
MO-247

Project Features
- Site Boundary
- Work Areas
- Access
  - Access Nodes
  - Existing Road, Substantial
    - Modification, 21-70% Improvements
  - New Road, Primitive

Other Features
- Stream/River/Canal

Land Status
- Private

Source: BLM, OR, ODOT, USDA, USGS, Vertex, ERIC

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
Application\Attachment B-5_Roads, Roads_MORROW_rev_20180629.mxd
Map 15

Source(s): BLM, IPC, IDOT, USDA, USGS, Ventyx, Esri
Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\Final\AEC\Exhibit B_Project Information\Maps\Attachment B-5 Roads\MORROW_rev 20180629.mxd

Project Features

- Site Boundary
- Work Areas
- Access
  - Access Nodes
  - Existing Road, No Substantial Modification, 0-20% Improvements
  - Existing Road, Substantial Modification, 21-70% Improvements
  - New Road, Bladed
  - New Road, Primitive
- Land Status
  - Private
- Other Features
  - Stream/River/Canal

Existing Road, Substantial Modification, 71-100% Improvements

Boardman to Hemingway Transmission Line Project
Application for Site Certificate

Attachment B-5
Road Classification Guide
and Access Control Plan
Morrow County
Map 15
Project Features
- Site Boundary
- Work Areas
- Access
  - Access Nodes
- Existing Road, Substantial Modification, 75-100% Improvements
- New Road, Bladed
- New Road, Primitive
- Land Status
  - Private

Other Features
- Stream/River/Canal

Source(s): BLM, ODFW, DOT, USDA, USGS, Ventyx, Esri
Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\003_Final\AOI\Attachment B_Project Information\Maps\Attachment B-5 Roads\Roads_MORROW_rev 20180629.mxd

Boardman to Hemingway Transmission Line Project
Application for Site Certificate

Attachment B-5
Road Classification Guide and Access Control Plan
Morrow County
Map 16
Project Features
- Site Boundary
- Work Areas
- Access
  - Access Nodes
- Existing Road, Substantial Modification, 21-70% Improvements
- Existing Road, Substantial Modification, 71-100% Improvements
- New Road, Bladed
- New Road, Primitive

Land Status
- Private
- Other Features
- Stream/River/Canal

Map Area

Source(s): BLM, PFC, ODOT, USDA, USGS, Ventyx, Esri

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\Final
Ag/Exhibit B_Project Interests\Map\Attachments & I-S Road\Roads_MORROW_rev 20180629.mxd

Map 18

Attachment B-5
Road Classification Guide
and Access Control Plan
Morrow County
Map 18
Project Features
- Site Boundary
- Access
  - Access Nodes
- Existing Road, No Substantial Modification, 0-20% Improvements
- Existing Road, Substantial Modification, 21-70% Improvements
- Existing Road, Substantial Modification, 71-100% Improvements
- New Road, Primitive

Land Status
- Private

Other Features
- Stream/River/Canal

Source(s): BLM, ODFW, DOT, USDA, USGS, Ventyx, Esri

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final_ASC\Exhibits\B_Project Information\Maps\Attachment B-5 Roads\Roads_MORROW_rev 20180629.mxd
Boardman to Hemingway Transmission Line Project
Application for Site Certificate

Attachment B-5
Road Classification Guide
and Access Control Plan

Morrow County
Map 21

Project Features
- Site Boundary
- Work Areas
- Access
  - Access Nodes
- Existing Road, Substantial Modification, 21-70% Improvements
- Existing Road, Substantial Modification, 71-100% Improvements
- New Road, Bladed
- New Road, Primitive

Land Status
- Private
- Other Features
  - Stream/River/Canal

Source(s): BLM, ODF, ODOT, USDA, USGS, Ventyx, Esri
Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
  ASC\Exhibits\B_Project Information\Maps\Attachment B-5 Roads\Roads_MORROW_rev 20180629.mxd
Project Features:
- Site Boundary
- Work Areas
- Access
- Access Nodes
- Existing Road, No Substantial Modification, 0-20% Improvements
- Existing Road, Substantial Modification, 21-70% Improvements
- Existing Road, Substantial Modification, 71-100% Improvements
- New Road, Primitive

Land Status:
- Bureau of Land Management
- Private
- Other Features
- Stream/River/Canal

Source(s): BLM, ODFW, ODOT, USDA, USGS, Ventyx, Esri

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final\ASC\Exhibits\B_Project Information\Maps\Attachment B-5 Roads\Roads_MORROW_rev 20180629.mxd

Boardman to Hemingway Transmission Line Project
Application for Site Certificate
Attachment B-5
Road Classification Guide and Access Control Plan
Morrow County
Map 22
<table>
<thead>
<tr>
<th>Project Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>Site Boundary</td>
</tr>
<tr>
<td>Work Areas</td>
</tr>
<tr>
<td>Access</td>
</tr>
<tr>
<td>Access Nodes</td>
</tr>
<tr>
<td>Existing Road, No Substantial Modification, 0-20% Improvements</td>
</tr>
<tr>
<td>Land Status</td>
</tr>
<tr>
<td>Private</td>
</tr>
<tr>
<td>Other Features</td>
</tr>
<tr>
<td>Stream/River/Canal</td>
</tr>
</tbody>
</table>

Source(s): BLM, ODF, ODOT, USDA, USGS, Ventyx, Esri

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final\ASC\Exhibits\B_Project Information\Maps\Attachment B-5 Roads\Roads_UMATILLA_rev 20180629.mxd

Map 25

Umatilla County

Boardman to Hemingway Transmission Line Project
Application for Site Certificate

Attachment B-5
Road Classification Guide and Access Control Plan

Umatilla County
Map 25
Project Features
- Site Boundary
- Work Areas
- Access
  - Access Nodes
  - Existing Road, No Substantial Modifications, 0-20% Improvements
  - Existing Road, Substantial Modifications, 71-100% Improvements
- New Road, Bladed
- New Road, Primitive

Land Status
- Private
- Other Features
  - Stream/River/Canal

Map 26
Boardman to Hemingway Transmission Line Project
Application for Site Certificate
Umatilla County
Map 26

Source(s): BLM, IPC, ODOT, USDA, USGS, Ventyx, Esri
Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final\AG\Exhibit B_Project Information\Maps\Attachment B-5 Roads\Roads_UMATILLA_rev 20180629.mxd
**Project Features**
- Site Boundary
- Work Areas
- Access
  - Access Nodes
  - Existing Road, No Substantial Modification, 0-20% Improvements
  - Existing Road, Substantial Modification, 21-70% Improvements
  - New Road, Bladed
  - New Road, Primitive

**Existing Road, Substantial Modification, 71-100% Improvements**

**Land Status**
- Private

**Other Features**
- Stream/River/Canal

Source(s): BLM, FP, ODOT, USDA, USGS, Ventyx, ESRI

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final\ASC\Exhibits\B_Project Information\Maps\Attachment B-5 Roads\Roads_UMATILLA_rev_20180629.mxd

Boardman to Hemingway Transmission Line Project Application for Site Certificate

Umatilla County
Map 27

Attachment B-5
Road Classification Guide and Access Control Plan

Umatilla County
Project Features
- Site Boundary
- Work Areas
- Access
  - Access Nodes
  - Existing Road, Substantial Modification, 21-70%
    Improvements
  - New Road, Bladed
  - New Road, Primitive
- Land Status
  - Private

Other Features
- Stream/River/Canal

Source(s): BLM, ODF, ODOT, USDA, USGS, Ventyx, Esri

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final\ASC\Exhibits\B_Project Information\Maps\Attachment B-5 Roads\Roads_UMATILLA_rev 20180629.mxd

ACE\Transmission\Boardman\(Boardman\to Hemingway\)\Roads\Roads_UMATILLA_rev 20180629.mxd

Boardman to Hemingway Transmission Line Project
Application for Site Certificate

Approval of Site Certificate

Attachment B-5
Road Classification Guide and Access Control Plan
Umatilla County
Map 29
Project Features

Site Boundary

Work Areas

Access

Access Nodes

Existing Road, No Substantial Improvements

Existing Road, Substantial Improvements

New Road, Bladed

New Road, Primitive

Land Status

Bureau of Land Management

Private

Other Features

Stream/River/Canal

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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_FinalASC\Exhibits\B_Project Information\Maps\Attachment B-5 Roads\Roads_UMATILLA_rev 20180629.mxd
Project Features
- Site Boundary
- Work Areas
  - Access
    - Access Nodes
    - Existing Road, Substantial Modification, 21-70% Improvements
    - Existing Road, Substantial Modification, 71-100% Improvements
    - New Road, Bladed
  - New Road, Primitive
  - Access Road Indirect Impacts
    - Access Controlled, Not Included in Calculations
  - Wildlife
    - Habitat
      - Elk
    - Winter Range
  - Land Status
    - Private
  - Other Features
    - Stream/River/Canal

Source(s): BLM, IPC, ODOT, USDA, USGS, Ventyx, Esri
Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\Final\ASO\Exhibits\B_Project Information\Attachment B-5 Roads\Roads_UMATILLA_rev 20180629.mxd

Attachment B-5
Road Classification Guide
and Access Control Plan
Umatilla County
Map 31
Project Features:
- Site Boundary
- Work Areas
- Access
  - Access Nodes
  - Access Control
- Existing Road, No Substantial Modification, 0-20% Improvements
- Existing Road, Substantial Modification, 21-70% Improvements
- Existing Road, Substantial Modification, 71-100% Improvements
- New Road, Primitive
- Access Road Indirect Impacts
- Access Controlled, Not Included in Calculations

Land Status:
- Private
- Other Features
- Stream/River/Canal

Source(s): BLM, IPC, ODOT, USDA, USGS, Ventyx, Esri
Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final\ASG\Exhibits\B_Project Information\Maps\Attachment B-5 Roads\Roads_UMATILLA_rev 20180629.mxd

Boardman to Hemingway Transmission Line Project
Application for Site Certificate
Attachment B-5
Road Classification Guide and Access Control Plan
Umatilla County
Map 32
Boardman to Hemingway Transmission Line Project
Application for Site Certificate

Umatilla County
Map 33

Project Features
- Site Boundary
- Work Areas
- Access
- Access Nodes
- Access Control

Existing Road, No Substantial Modification, 0-20% Improvements
Existing Road, Substantial Modification, 21-70% Improvements
New Road, Bladed
New Road, Primitive

Access Road Indirect Impacts
Access Controlled, Not Included in Calculations

Wildlife Habitat
Elk
Winter Range

Other Features
- Stream/River/Canal

Source(s): BLM, OTC, ODOT, USDA, USGS, Ventyx, Esri
Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final_Preliminary\B_Project Information\Maps\Attachment B-5 Roads\Roads_UMATILLA_rev 20180629.mxd

OREGON Map Area

0 1,000 Feet

Map 33

Umatilla County
Attachment B-5
Road Classification Guide and Access Control Plan
Umatilla County
Project Features
- Site Boundary
- Access
  - Access Nodes
  - Existing Road, No Substantial Modification, 0-20% Improvements
  - Existing Road, Substantial Modification, 71-100% Improvements
- Access Road Indirect Impacts
  - Included in Calculations

Wildlife Habitat
- Elk
- Winter Range
- Land Status
- Private

Other Features
- Stream/River/Canal

Source(s): BLM, ORPF, ODOT, USDA, USGS, Ventyx, Esri

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final\ASC\Exhibits\B_Project Information\Maps\Attachment B-5 Roads\Roads_UMATILLA_rev 20180629.mxd

Attachment B-5
Road Classification Guide and Access Control Plan
Umatilla County
Map 34
Project Features:
- Site Boundary
- Work Areas
- Access
  - Access Nodes
    - Existing Road, No Substantial Modification, 0-20%
- Improvements

Wildlife Habitat:
- Elk
- Winter Range

Land Status:
- Private

Other Features:
- Stream/River/Canal

Source(s): BLM, IPC, ODOT, USDA, USGS, Ventyx, Esri
Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\Final\003_Project Information\Exhibits\B_Project Information\Maps\Attachment B-5 Roads\Roads_UMATILLA_rev 20180629.mxd

Attachment B-5
Road Classification Guide and Access Control Plan
Umatilla County
Map 37
Project Features
- Site Boundary
- Work Areas
- Access
  - Access Nodes
  - Existing Road, Substantial Modification, 71-100% Improvements
  - New Road, Primitive
- Access Road Indirect Impacts
- Access Controlled, Not Included in Calculations

Wildlife Habitat
- Elk Summer Range
- Elk Winter Range

Land Status
- Bureau of Land Management
- Private

Other Features
- Stream/River/Canal
Boardman to Hemingway Transmission Line Project
Application for Site Certificate

Umatilla County
Map 39

Attachment B-5
Road Classification Guide and Access Control Plan

Source(s): BLM, FPC, ODOT, USDA Forest Service, Mead, Gifford Pinchot, Oregon State University, USGS, Umatilla County

Z:\UtilServ\Boardman_Hemingway\Reports\03_Final\ASC\Exhibits\B_Project Information\Maps\Attachment B-5 Roads\Roads_UMATILLA_rev_20180629.mxd
Attachment B-5
Road Classification Guide
and Access Control Plan
Umatilla County
Map 42
Project Features
- Site Boundary
- Work Areas
Access
- Access Nodes
- Existing Road, No Substantial Modification, 0-20% Improvements
- Existing Road, Substantial Modification, 21-70% Improvements
- Existing Road, Substantial Modification, 71-100% Improvements
- New Road, Bladed
- New Road, Primitive
Access Road Indirect Impacts
- Included in Calculations
- Not Included

Wildlife Habitat
- Elk
- Summer Range
- Winter Range

Land Status
- Indian Reservation
- Private
- Other Features
- Stream/River/Canal

Source(s): BLM, ODFW, ODOT, USDA, USGS, Ventyx, Esri
Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final\ASC\Exhibits\B_Project Information\Maps\Attachment B-5 Roads\Roads_UMATILLA_rev 20180629.mxd

Boardman to Hemingway Transmission Line Project
Application for Site Certificate
Attachment B-5 Roads
Road Classification Guide and Access Control Plan
Umatilla County
Map 44
Map Index

Location Map (Map #)

Attachment B-5
Road Classification Guide and Access Control Plan
Union County
Map Index
Boardman to Hemingway Transmission Line Project
Application for Site Certificate
Attachment B-5
Road Classification Guide
and Access Control Plan
Union County
Map 46
Boardman to Hemingway Transmission Line Project
Application for Site Certificate

Attachment B-5
Road Classification Guide and Access Control Plan
Union County
Map 49

Project Features
- Site Boundary
- Work Areas
- Access
  - Access Nodes
  - Access Control
- Existing Road, No Substantial Modification, 0-20% Improvements
- Existing Road, Substantial Modification, 21-70% Improvements
- New Road, Bladed
- New Road, Primitive
- Access Road Indirect Impacts
  - Included in Calculations
  - Access Controlled, Not Included in Calculations
  - Not Included
- Wildlife Habitat
  - Elk
  - Summer Range
  - Winter Range

Land Status
- Bureau of Land Management
- Forest Service
- Private
- State or Local Parks and Recreation or Wildlife
- Designated Utility Corridors
  - Wallowa-Whitman NF Utility Corridor (MA-17)

Other Features
- Streams/River/Canal

Source(s): BLM, ODF, ODOT, USDA, USGS, Ventyx, Esri
Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final_ASC\Exhibits\B_Project Information\Maps\Attachment B-5 Roads\Roads_UNION_rev 20180629.mxd
Project Features

- Site Boundary
- Work Areas
- Access
  - Access Nodes
  - Access Control
- Existing Road, No Substantial Modification, 0-20% Improvements
- Existing Road, Substantial Modification, 21-70% Improvements
- Existing Road, Substantial Modification, 71-100% Improvements
- New Road, Bladed
- New Road, Primitive
- Access Road Indirect Impacts
- Access Controlled, Not Included in Calculations
- Not Included

Wildlife Habitat
- Elk
- Summer Range

Winter Range

Land Status
- Private

Other Features
- Stream/River/Canal

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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final\ASC\Exhibits\B_Project Information\Maps\Attachment B-5 Roads\Roads_UNION_rev 20180629.mxd
Boardman to Hemingway Transmission Line Project
Application for Site Certificate

Attachment B-5
Road Classification Guide
and Access Control Plan

Union County
Map 53

Project Features
- Site Boundary
- Access
  - Access Nodes
  - Access Control
    - Existing Road, No Substantial Modification, 0-20% Improvements
    - Existing Road, Substantial Modification, 71-100% Improvements

Access Road Indirect Impacts
- Access Controlled, Not Included in Calculations
- Wildlife Habitat
  - Elk
  - Summer Range
  - Winter Range
- Land Status
  - Private
- Other Features
  - Stream/River/Canal

Source(s): BLM, ODFW, ODOT, USDA, USGS, Ventyx, Esri
Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final\ASC\Exhibits\B_Project Information\Maps\Attachment B-5 Roads\Roads_UNION_rev 20180629.mxd
Project Features
- Site Boundary
- Work Areas
- Communication Station
- Distribution Lines
- Access
  - Access Nodes
  - Access Control
- Existing Road, No Substantial Modification, 0-20% Improvements
- Existing Road, Substantial Modification, 21-70% Improvements
- New Road, Bladed
- New Road, Primitive
- Access Road Indirect Impacts
- Access Controlled, Not Included in Calculations
- Wildlife Habitat
  - Elk
  - Summer Range
  - Winter Range
- Land Status
  - Private
- Other Features
  - Stream/River/Canal

Source(s): BLM, IPC, ODOT, USDA, USGS, Ventyx, Esri
Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final_ASC\Exhibits\B_Project Information\Maps\Attachment B-5 Roads\Roads_UNION_rev 20180629.mxd

Boardman to Hemingway Transmission Line Project
Application for Site Certificate

Attachment B-5
Road Classification Guide and Access Control Plan
Union County
Map 54
Project Features

- Site Boundary
- Work Areas
- Access
  - Access Nodes
  - Access Control
- Existing Road, No Substantial Modification, 0-20% Improvements
- Existing Road, Substantial Modification, 21-70% Improvements

Access Road Indirect Impacts
- Access Controlled, Not Included in Calculations

Wildlife Habitat
- Elk
- Summer Range
- Winter Range

Land Status
- State or Local Parks and Recreation or Wildlife
- Private

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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_FinalASC\Exhibits\B_Project Information\Maps\Attachment B-5 Roads\Roads_UNION_rev 20180629.mxd

oregon

Map Area

Boardman to Hemingway Transmission Line Project
Application for Site Certificate

Attachment B-5
Road Classification Guide and Access Control Plan
Union County
Map 57
UNION COUNTY

Sec. 34

Sec. 22

Sec. 33

Sec. 11

3S 38E

3S 34E

UN-02

UN-318

UN-312

UN-311

UN-307

UN-304

UN-296

UN-290

UN-325

UN-330

UN-335

UN-336

UN-327

UN-332

UN-341

UN-292

UN-309

UN-313

UN-295

UN-301

UN-323

UN-321

UN-302

UN-285

UN-283

UN-288

UN-318

UN-328

UN-293

Project Features

- Site Boundary
- Work Areas
- Access
  - Access Nodes
  - Access Control
- Existing Road, No Substantial Modification, 0-20% Improvements
- Existing Road, Substantial Modification, 21-70% Improvements
- New Road, Bladed
- New Road, Primitive
- Access Road Indirect Impacts
- Access Controlled, Not Included in Calculations
- Wildlife Habitat
  - Elk
  - Summer Range
  - Winter Range
- Land Status
  - Public
  - Private

State or Local Parks and Recreation or Wildlife

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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASC\Exhibits\B_Project Information\Maps\Attachment B-5 Roads\Roads_UNION_rev 20180629.mxd

Map 59

Boardman to Hemingway Transmission Line Project
Application for Site Certificate

Union County

Attachment B-5
Road Classification Guide
and Access Control Plan

OREGON Map Area

0 1,000 Feet
Attachment B-5
Road Classification Guide and Access Control Plan
Union County
Map 60

Source: BLM, ODFW, IDOT, USDA, USGS, Incy, Info
2014UnionHemmingwayReport062_Oregon_Energy_Siting_Council_Final_960x640.mxd
ArcGIS: Boardman to Hemingway 9 5 Road

Map Area

Project Features
- Site Boundary
- Work Areas
- Access
  - Access Nodes
  - Access Control
- Existing Road, Substantial Modification, 21-70% Improvements
- Existing Road, Substantial Modification, 71-100% Improvements
- New Road, Bladed
- New Road, Primitive
- Access Road Indirect Impacts
  - Included in Calculations
  - Access Controlled, Not Included in Calculations
  - Not Included
- Wildlife Habitat
  - Elk
  - Summer Range
  - Winter Range

Land Status
- Forest Service
- Private
- State or Local Parks and Recreation or Wildlife

Other Features
- Stream/River/Canal
Boardman to Hemingway Transmission Line Project
Application for Site Certificate

Attachment B-5
Road Classification Guide
and Access Control Plan
Union County
Map 61
Project Features

- Site Boundary
- Work Areas
- Access
  - Access Nodes
  - Access Control
- Existing Road, Substantial Modification, 71-100% Improvements
- New Road, Bladed
- New Road, Primitive
- Access Road Indirect Impacts
  - Included in Calculations
  - Access Controlled, Not Included in Calculations

Wildlife Habitat

- Elk

Winter Range

- Summer Range

- Land Status
- Private
- Other Features
- Stream/River/Canal

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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final\ASC\Exhibits\B_Project Information\Maps\Attachment B-5 Roads\Roads_UNION_rev 20180629.mxd
Project Features
- Site Boundary
- Work Areas
- Access
  - Access Nodes
  - Access Control
- Existing Road, No Substantial Modification, 0-20% Improvements
- Existing Road, Substantial Modification, 21-70% Improvements
- Existing Road, Substantial Modification, 71-100% Improvements
- New Road, Bladed
- New Road, Primitive

Access Road Indirect Impacts
- Included in Calculations
- Not Included in Calculations

Wildlife Habitat
- Elk

Winter Range
- Summer Range

Land Status
- Private

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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final ASC\Exhibits\B_Project Information\Maps\Attachment B-5 Roads\Roads_UNION_rev 20180629.mxd

Map 64

Attachment B-5
Road Classification Guide and Access Control Plan
Union County
Map 64
Boardman to Hemingway Transmission Line Project
Application for Site Certificate

Attachment B-5
Road Classification Guide and Access Control Plan
Union County
Map 65

Project Features
- Site Boundary
- Work Areas
- Access
- Access Nodes
- Access Control
- Existing Road, No Substantial Modification, 0-20% Improvements
- New Road, Bladed
- New Road, Primitive
- Access Road Indirect Impacts
- Access Controlled, Not Included in Calculations

Wildlife Habitat
- Elk
- Summer Range
- Winter Range
- Sage-grouse

Land Status
- Low Density/General Habitat Management Area (GHMA)
- Private

Other Features
- Stream/River/Canal

Source: BLM, IPC, ODOT, USDA, USGS, Ventyx, Esri
Map Area

Project Features
- Site Boundary
- Work Areas
- Access
  - Access Nodes
  - Access Control
- Existing Road, No Substantial Modification, 0-20% Improvements
- Existing Road, Substantial Modification, 21-70% Improvements
- New Road, Bladed
- New Road, Primitive
- Access Road Indirect Impacts
- Access Controlled, Not Included in Calculations
- Wildlife Habitat
  - Elk
  - Summer Range
  - Winter Range
- Sage-grouse
- Low Density/General Habitat Management Area (GHMA)
- Land Status
  - Private
- Other Features
  - Stream/River/Canal

Source:
- BLM, IPC, ODOT, USDA, USGS, Ventyx, Esri
- Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final\ASC\Exhibits\B_Project Information\Maps\Attachment B-5 Roads\Roads_UNION_rev 20180629.mxd
**Project Features**

- Site Boundary
- Work Areas
- Access
  - Access Nodes
  - Access Control
- Existing Road, No Substantial Modification, 0-20% Improvements
- Existing Road, Substantial Modification, 21-70% Improvements
- New Road, Bladed
- New Road, Primitive
- Access Road Indirect Impacts
- Access Controlled, Not Included in Calculations

**Wildlife Habitat**

- Elk
- Winter Range

**Road Classification Guide**

- Sage-grouse
- Low Density/General Habitat Management Area (GHMA)

**Land Status**

- Private

**Other Features**

- Stream/River/Canal

---

**Source:** OLM IPF, ODOT, USDA, USGS, Ventyx, Esri

**Map 67:** OREON

**Map:** 01,000 Feet

**Union County:** Attachment B-5

**Road Classification Guide and Access Control Plan**

**Boardman to Hemingway Transmission Line Project**

**Application for Site Certificate**

**Map 67**
BAKER COUNTY

Powder River

Antelope Creek

Sec. 17

Sec. 18

6S

40E

6S

39E

BA-028

BA-026

BA-024

BA-016

BA-014

BA-012

BA-007

BA-005

BA-003

BA-001

BA-020

BA-010

BA-002

BA-004

BA-006

BA-008

BA-011

BA-013

BA-015

BA-017

BA-019

BA-021

BA-022

BA-023

BA-027

BA-029

Project Features
- Site Boundary
- Work Areas
- Access
- Access Nodes
- Existing Road, No Substantial Modification, 0-20% Improvements
- Existing Road, Substantial Modification, 21-70% Improvements
- New Road, Bladed
- New Road, Primitive
- Access Road Indirect Impacts
- Access Controlled, Not Included in Calculations

Wildlife Habitat
- Elk
- Winter Range
- Sage-grouse
- Low Density/General Habitat Management Area (GHMA)

Land Status
- Bureau of Land Management
- Private
- Other Features
- Stream/River/Canal

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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final\ASC\Exhibits\Project Information\Maps\Attachment B-5 Roads\Roads_BAKER_rev 20180615.mxd

Map 71

Attachment B-5
Road Classification Guide and Access Control Plan
Baker County
Map 71
Project Features

- Site Boundary
- Work Areas
- Access
- Access Nodes
- Access Control

Existing Road, No Substantial Modification, 0-20% Improvements
Existing Road, Substantial Modification, 21-70% Improvements
Existing Road, Substantial Modification, 71-100% Improvements
New Road, Primitive Access Road Indirect Impacts

- Wildlife Habitat
- Elk
- Winter Range

Map Area

0 1,000 Feet

Baker County

Attachment B-5
Road Classification Guide and Access Control Plan
Baker County
Map 73

Source(s): BLM, IPC, ODOT, USDA, USGS, Ventyx, Esri
Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final\ASC\Exhibits\B_Project Information\Maps\Attachment B-5 Roads\BAKER_rev 20180615.mxd
Project Features:
- Site Boundary
- Work Areas
- Access
  - Access Nodes
  - Access Control
- Existing Road, No Substantial Modification, 0-20% Improvements
- Existing Road, Substantial Modification, 21-70% Improvements
- New Road, Bladed
- New Road, Primitive

Access Road Indirect Impacts:
- Included in Calculations
- Not Included

Wildlife Habitat:
- Sage-grouse
- Core Area/Priority Habitat Management Area (PHMA)

Land Status:
- Bureau of Land Management
- Private

Source(s): BLM, IPC, ODOT, USDA, USGS, Ventyx, Esri
Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final_ASC\Exhibits\B_Project Information\Maps\Attachment B-5 Roads\Roads_BAKER_rev 20180615.mxd

ORTEON
Map 74

Baker County
Map 74
Project Features

- Site Boundary
- Work Areas
- Access
- Access Nodes
- Access Control

- Existing Road, No Substantial Modification, 0-20% Improvements
- Existing Road, Substantial Modification, 21-70% Improvements

Wildlife Habitat
- Sage-grouse
- Core Area/Priority Habitat Management Area (PHMA)

Land Status
- Bureau of Land Management
- Private

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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final ASC\Exhibits\Project Information\Maps\Attachment B-5 Roads\Roads_BAKER_rev 20180615.mxd
Attachment B-5
Road Classification Guide
and Access Control Plan
Baker County
Map 76
Project Features
- Site Boundary
- Work Areas
- Access
- Access Nodes
- Access Control

Existing Road, No Substantial Modification, 0-20% Improvements
Existing Road, Substantial Modification, 21-70% Improvements
New Road, Bladed
New Road, Primitive
Access Road Indirect Impacts
- Included in Calculations
- Access Controlled, Not Included in Calculations

Wildlife Habitat
- Sage-grouse
- Core Area/Priority Habitat Management Area (PHMA)
- Low Density/General Habitat Management Area (GHMA)

Land Status
- Bureau of Land Management
- Private

Other Features
- Stream/River/Canal

Source(s): BLM, IPC, ODOT, USDA, USGS, Ventyx, Esri
Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final_ASC\Exhibits\B_Project Information\Maps\Attachment B-5 Roads\Roads_BAKER_rev 20180615.mxd
Project Features

- Site Boundary
- Work Areas
- Access
  - Access Nodes
  - Access Control
- Existing Road, Substantial Modification, 71-100% Improvements
- New Road, Primitive
- Access Road Indirect Impacts
- Access Controlled, Not Included in Calculations

Wildlife Habitat

- Sage-grouse
- Core Area/Priority Habitat Management Area (PHMA)

Land Status

- Private

Other Features

- Stream/River/Canal

Source(s): BLM, IPC, ODOT, USDA, USGS, ITL, VRP
Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final\Exhibits\B_Project Information\Maps\Attachment B-5 Roads\Roads_BAKER_rev 20180615.mxd

OREGON Map Area

Boardman to Hemingway Transmission Line Project
Application for Site Certificate
Baker County
Map 79

Attachment B-5
Road Classification Guide and Access Control Plan
Project Features
- Site Boundary
- Work Areas
- Access
  - Access Nodes
- Existing Road, Substantial Modification, 21-70% Improvements
- Existing Road, Substantial Modification, 71-100% Improvements
- New Road, Bladed
- New Road, Primitive

Wildlife Habitat
- Sage-grouse

Core Area/Priority Habitat Management Area (PHMA)
- Low Density/General Habitat Management Area (GHMA)

Land Status
- Bureau of Land Management
- Private

Source(s): BLM, IPC, ODOT, USDA, USGS, Ventyx, Esri
Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final\ASC\Exhibits\B_Project Information\Maps\Attachment B-5 Roads\Roads_BAKER_rev 20180615.mxd
Project Features
- Site Boundary
- Work Areas
- Access
  - Access Nodes
    - Existing Road, No Substantial Modification, 0-20% Improvements
    - Existing Road, Substantial Modification, 21-70% Improvements
    - New Road, Bladed
  - New Road, Primitive
  - Access Road Indirect Impacts
    - Access Controlled, Not Included in Calculations
    - Not Included
- Wildlife Habitat
  - Sage-grouse
    - Low Density/General Habitat Management Area (GHMA)
- Land Status
  - Bureau of Land Management
  - Private

Map Area

Source(s): BLM, ODF, ODOT, USDA, USGS, Weyer, GSI
2:100000 Baseline_Hemmingway/Report002_Oregon_Energy_Siting_Council/03_Final
AGI/Expeditors & Project Interests Info/MapMachine 8 & 5 Road/BA/BA-20176.mxd

Attachment B-5
Road Classification Guide and Access Control Plan
Baker County
Map 81
Attachment B-5
Road Classification Guide and Access Control Plan
Baker County
Map 83

Source(s): BLM, IPC, ODOT, USDA, USGS, IBLM, ODFW, USDA, Ventyx, Esri
Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASC\Exhibits\B_Project Information\Maps\Attachment B-5 Roads\Roads_BAKER_rev 20180615.mxd

Project Features
- Site Boundary
- Work Areas
- Communication Station
- Distribution Lines
- Access
  - Access Nodes
  - Access Control
- Existing Road
  - No Substantial Modification, 0-20% Improvements
  - Substantial Modification, 21-70% Improvements
  - Substantial Modification, 71-100% Improvements
- New Road
  - Bladed
  - Primitive
- Access Road Indirect Impacts
- Access Controlled, Not Included in Calculations
- Not Included

Existing Road, Substantial Modification, 21-70% Improvements
- Access
  - Access Nodes
  - Access Control

Other Features
- Wildlife Habitat
  - Sage-grouse
  - Core Area/Priority Habitat Management Area (PHMA)
  - Low Density/General Habitat Management Area (GHMA)

Land Status
- Bureau of Land Management
- Private
Project Features
- Site Boundary
- Work Areas
- Access
  - Access Nodes
  - Access Control
- Existing Road, No Substantial Modification, 0-20% Improvements
- Existing Road, Substantial Modification, 21-70% Improvements
- New Road, Bladed
  - New Road, Primitive
- Access Road Indirect Impacts
  - Included in Calculations
  - Access Controlled, Not Included in Calculations
- Wildlife Habitat
  - Sage-grouse
- Land Status
  - Bureau of Land Management
  - Private
  - Other Features
  - Stream/River/Canal

Source(s): BLM, IPC, ODOT, USDA, USGS, VentiX, Esri
Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final\ASC\Exhibits\B_Project Information\Maps\Attachment B-5 Roads\Roads_BAKER_rev 20180615.mxd

Map 84
Source(s): BLM, ODF, OSOT, USDA, USGS, Ventyx, Esri

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final_\ASC\Exhibits\B_Project Information\Maps\Attachment B-5 Roads\Roads_BAKER_rev 20180615.mxd
Project Features
- Site Boundary
- Work Areas
- Access
  - Access Nodes
    - Existing Road, No Substantial Modification, 0-25% Improvements
    - Existing Road, Substantial Modification, 21-70% Improvements
    - New Road, Bladed
- Access Road Indirect Impacts
- Not Included
- Wildlife Habitat
  - Elk
  - Winter Range
  - Sage-grouse
- Core Area/Priority Habitat Management Area (PHMA)
- Low Density/General Habitat Management Area (GHMA)

Land Status
- Bureau of Land Management
- Private
- Designated Utility Corridors
- West-wide Energy Corridor (WWEC)

Other Features
- Stream/River/Canal

Source(s): BLM, IPC, ODOT, USDA, USGS, Ventyx, Esri
Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final\AG\Exhibits\Project\Foundation\Foundation & S Road\Roads\BA-03_Rev_20180615.mxd

Boardman to Hemingway Transmission Line Project
Application for Site Certificate
Baker County
Map 86

Attachment B-5
Road Classification Guide and Access Control Plan
Boardman to Hemingway Transmission Line Project Application for Site Certificate

Baker County

Attachment B-5
Road Classification Guide and Access Control Plan

Map 88

Project Features
- Site Boundary
- Work Areas
- Access
  - Access Nodes
  - Existing Road, No Substantial Modification, 0-20% Improvements
  - Existing Road, Substantial Modification, 71-100% Improvements
  - New Road, Bladed
- New Road, Primitive

Land Status
- Bureau of Land Management
- Private

Other Features
- Stream/River/Canal

Source(s): BLM, IPC, ODOT, USDA, USGS, Interx, Enr

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final\ASC\Exhibits\B_Project Information\Maps\Attachment B-5 Roads\Roads_BAKER_rev 20180615.mxd
**Project Features**
- Site Boundary
- Work Areas
- Access
  - Access Nodes
    - Existing Road, No Substantial Modification, 0-20% Improvements
    - Existing Road, Substantial Modification, 21-70% Improvements

**Wildlife Habitat**
- Sage-grouse
- Core Area/Priority Habitat Management Area (PHMA)

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

**Other Features**
- Stream/River/Canal

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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final\ASC\Exhibits\B_Project Information\Maps\Attachment B-5 Roads\Roads_BAKER_rev 20180615.mxd
Project Features

- Site Boundary
- Work Areas
- Access
  - Access Nodes
    - Existing Road, No Substantial Modification, 0-20% Improvements
    - Existing Road, Substantial Modification, 21-70% Improvements

Existing Road
- Substantial Modification, 71-100% Improvements

Land Status

- Bureau of Land Management
- Private

Other Features

- Stream/River/Canal

Source(s): BLM, OWEA, ODOT, USDA, USGS, Ventyx, Esri

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final\ASC\Exhibits\B_Project Information\Maps\Attachment B-5 Roads\Roads_BAKER_rev 20180615.mxd
**Project Features**
- Site Boundary
- Work Areas
- Access
  - Access Nodes
  - Existing Road, Substantial Modification, 21-70% Improvements
  - Existing Road, Substantial Modification, 71-100% Improvements
  - New Road, Bladed
- New Road, Primitive
- Access Road Indirect Impacts
  - Access Controlled, Not Included in Calculations

**Other Features**
- Stream/River/Canal

**Wildlife Habitats**
- Elk
- Summer Range
- Winter Range

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

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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final_ASC\Exhibits\B_Project Information\Maps\Attachment B-5 Roads\Roads_BAKER_rev 20180615.mxd

Boardman to Hemingway Transmission Line Project
Application for Site Certificate
Baker County
Map 91
Project Features:
- Site Boundary
- Work Areas
- Access
  - Access Nodes
  - Access Control
- Existing Road, Substantial Modification, 21-70% Improvements
- New Road, Bladed
- New Road, Primitive
- Access Road Indirect Impacts
  - Included in Calculations
  - Access Controlled, Not Included in Calculations
- Wildlife Habitat
- Elk Winter Range
- Land Status
  - Bureau of Land Management
  - Private

Other Features:
- Stream/River/Canal

Source(s): BLM, IPC, ODOT, USDA, USGS, LEP, Enty, Enti
20180615:Bakken_Hemingway\Report\Project\Oregon_Energy_Siting_Council\Final_Project\Maps\Attachment_B-5_Roads\Roads_BAKER_rev 20180615.mxd

Map 92
Baker County
Attachment B-5
Road Classification Guide and Access Control Plan
Boardman to Hemingway Transmission Line Project
Application for Site Certificate
OREGON

0 1,000 Feet
Boardman to Hemingway Transmission Line Project
Application for Site Certificate
Attatchment B-5
Road Classification Guide
and Access Control Plan
Baker County
Map 93
Stories Gulch

Anderson Gulch

Juniper Mountain

Waterhole

Cloverleaf Spring

Number Two

Weatherby Mountain

Fur Mountain

Sec. 35

Sec. 36

Sec. 31

Sec. 6

12S 43E

13S 43E

12S 44E

13S 44E

Project Features

- Site Boundary
- Work Areas
- Access
- Access Nodes
- Access Control

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

- New Road, Bladed
- New Road, Primitive

- Access Road Indirect Impacts
- Included in Calculations
- Access Controlled, Not Included in Calculations
- Not Included

- Wildlife Habitat
- Elk
- Winter Range

Land Status
- Bureau of Land Management
- Private
- Other Features

- Stream/River/Canal

Boardman to Hemingway Transmission Line Project
Application for Site Certificate

Attachment B-5
Road Classification Guide
and Access Control Plan
Baker County
Map 94

Source(s): BLM, ODFW, ODOT, USDA, USGS, Ventyx, Esri
Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final\Exhibits\B_Project Information\Maps\Attachment B-5 Roads\Roads_BAKER_rev 20180615.mxd
Project Features

- Site Boundary
- Work Areas Access
- Access Nodes Access Control
- Existing Road, No Substantial Modification, 0-20% Improvements
- Existing Road, Substantial Modification, 21-70% Improvements
- Existing Road, Substantial Modification, 71-100% Improvements
- New Road, Bladed Access Road Indirect Impacts
- New Road, Primitive Access Controlled, Not Included in Calculations
- Existing Boundary, No Substantial Modification, 0-20% Improvements
- Existing Boundary, Substantial Modification, 21-70% Improvements

Wildlife Habitat
- Elk
- Winter Range Sage-grouse
- Low Density/General Habitat Management Area (GHMA)

Land Status
- Bureau of Land Management
- Private

Designated Utility Corridors
- West-wide Energy Corridor (WWEC)

Other Features
- Stream/River/Canal

Source(s): BLM, IPC, ODOT, USDA, USGS, Ventyx, Esri
Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final\ASC\Exhibits\Project\Hemmingway\Maps\Attachment B-5 Roads\BAKере_20180615.mxd

Attachment B-5
Road Classification Guide and Access Control Plan
Baker County
Map 95
Project Features

- Site Boundary
- Work Areas
- Access
  - Access Nodes
  - Access Control
- Existing Road, No Substantial Modification, 0-20% Improvements
- Existing Road, Substantial Modification, 21-70% Improvements
- New Road, Bladed
- New Road, Primitive
- Access Road Indirect Impacts
- Access Controlled, Not Included in Calculations
- Access Controlled, Not Included in Calculations

Wildlife Habitat

- Elk
- Winter Range
- Sage-grouse

Land Status

- Bureau of Land Management
- Private

Designated Utility Corridors

- West-wide Energy Corridor (WWEC)

Other Features

- Stream/River/Canal

Source: BLM, ODFW, BLM, USGS, Inc., Esri
2018/06/15
Baker County
Attachment B-5 Roads
Project Information: Roads_BAKER_rev 20180615.mxd

Map 97
Attachment B-5
Road Classification Guide and Access Control Plan
Baker County
Map 97
Boardman to Hemingway Transmission Line Project
Application for Site Certificate

OREGON
Map Area

1,000 Feet
0
Attachment B-5
Road Classification Guide and Access Control Plan
Baker County
Map 98
Project Features
- Site Boundary
- Work Areas
- Access Nodes
- Access Control
- Existing Road, No Substantial Modification, 0-20% Improvements
- Existing Road, Substantial Modification, 21-70% Improvements
- New Road, Bladed Access Road Indirect Impacts
- Included in Calculations
- Access Controlled, Not Included in Calculations
- Wildlife Habitat
- Elk
- Winter Range
- Sage-grouse
- Core Area/Priority Habitat Management Area (PHMA)
- Low Density/General Habitat Management Area (GHMA)
- West-wide Energy Corridor (WWEC)
- Other Features
- Stream/River/Canal

Map Area

Source(s): BLM, ODFW, ODOT, USDA, USGS, Ventyx, Esri
Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final\AS1\Exhibits\Project Interests\Maps\Boardman to Hemingway Transmission Line Project\Application for Site Certificate\Attachment B-5 Roads\Roads_BAKER_rev 20180615.mxd
Boardman to Hemingway Transmission Line Project
Application for Site Certificate
Attachment B-5
Road Classification Guide and Access Control Plan
Malheur County
Map Index
Map 101

Source: BLM, ODOT, USFWS, USDA, USGS, Ventyx, Esri
2:16440; /workspace/Boardman_Hemingway/WestwideEnergy_Siting_Council/03_Final
AG&Exhibit_B_Project Interface Vente/TheMapHorse 8.5 X 11Roads_MALHEUR_rev 20180629.mxd

Attachment B-5
Road Classification Guide and Access Control Plan
Malheur County
Map 101
Project Features

- Site Boundary
- Work Areas
- Access
  - Access Nodes
    - Existing Road, No Substantial Modification, 0-20% Improvements
    - Existing Road, Substantial Modification, 21-70% Improvements
    - New Road, Bladed
    - New Road, Primitive
- Wildlife Habitat
  - Elk
  - Winter Range
  - Sage-grouse
- Core Area/Priority Habitat Management Area (PHMA)
- Land Status
  - Bureau of Land Management
  - Fish and Wildlife Service
  - Private
- Designated Utility Corridors
  - Vale District (BLM) Utility Corridor
  - Vale District (BLM) Utility Corridor and West-wide Energy Corridor (WWEC)
  - West-wide Energy Corridor (WWEC)
- Other Features
  - Stream/River/Canal

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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final\ASC\Exhibits\Project Information\Maps\Attachment B-5 Roads\Roads_MALHEUR_rev 20180629.mxd

Map 102

Boardman to Hemingway Transmission Line Project
Application for Site Certificate

Malheur County
Map 102
Project Features
- Site Boundary
- Work Areas
- Access
  - Access Nodes
    - Existing Road, No Substantial Modification, 0-20% Improvements
    - Existing Road, Substantial Modification, 21-70% Improvements
    - New Road, Bladed

Land Status
- Bureau of Land Management
- Private
- Designated Utility Corridors
- Vale District (BLM) Utility Corridor
- Other Features
  - Stream/River/Canal

Map Area
- Malheur County
- OREGON
- Map 103

Source:
- BLM, ODOT, USDA, USGS, Interagency
- Oregon Energy Siting Council
- Malheur County
- Application for Site Certificate

Attachment B-5
Road Classification Guide and Access Control Plan
Malheur County
Map 103
Project Features:
- Site Boundary
- Work Areas
- Access
  - Access Nodes
  - Existing Road, No Substantial Improvements
  - Existing Road, Substantial Improvements
  - New Road, Primitive
- New Road, Bladed
- Stream/River/Canal

Land Status:
- Bureau of Land Management

Other Features:
- Source(s): BLM, IPC, ODOT, USDA, USGS, Ventyx, Esri

Map 104

Boardman to Hemingway Transmission Line Project
Application for Site Certificate
Malheur County
Map 104

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASC\Exhibits\B_Project Information\Maps\Attachment B-5 Roads\Roads_MALHEUR_rev 20180629.mxd
Project Features
- Site Boundary
- Work Areas
- Access
  - Access Nodes
  - Existing Road, No Substantial Modifications, 0-20% Improvements
  - New Road, Bladed
  - New Road, Primitive
- Land Status
  - Bureau of Land Management

Other Features
- Stream/River/Canal

Source(s): BLM, ODOT, USDA, USGS, Weyer, Esri

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final\Exhibits\B_Project Information\Maps\Attachment B-5 Roads\Roads_MALHEUR_rev 20180629.mxd

Map 105

Boardman to Hemingway Transmission Line Project
Application for Site Certificate
Malheur County
Map 105
Attachment B-5
Road Classification Guide and Access Control Plan

Malheur County
Map 106

Source(s): BLM, IPC, ODOT, USDA, USGS, Ventyx, Esri
Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final\Exhibits\B_Project Information\Maps\Attachment B-5 Roads\Roads_MALHEUR_rev 20180629.mxd
Boardman to Hemingway Transmission Line Project
Application for Site Certificate
Malheur County
Map 107

Attachment B-5
Road Classification Guide and Access Control Plan

Project Features
- Site Boundary
- Work Areas
- Access
  - Access Nodes
  - Existing Road, No Substantial Modification, 0-20%
  - Improvements
  - New Road, Bladed
  - New Road, Primitive
- Land Status
  - Bureau of Land Management

Source(s): BLM, ODFW, DOT, USDA, USGS, Ventyx, Esri
Z:\UtilServ\Boardman_Hemingway\Reports\Oregon_Energy_Siting_Council\Final\ASC\Exhibits\Project\Reasearch\Malheur\Map\Attachment B-5 Roads\Roads_MALHEUR_rev 20180629.mxd
**Project Features**
- Site Boundary
- Work Areas
- Communication Station Distribution Lines
- Access
  - Access Nodes
- Existing Road, No Substantial Modification, 0-20% Improvements
- Existing Road, Substantial Modification, 21-70% Improvements
- New Road, Bladed
- New Road, Primitive

**Land Status**
- Bureau of Land Management
- Private
- Other Features
  - Stream/River/Canal

Source(s): BLM, ODFW, ODOT, USDA, USGS, Ventyx, Esri

Z:\UtilServ\Boardman_Hemingway\Reports\002Oregon_Energy_Siting_Council\03_Final\Exhibits\Project_Hemeyer\Maps\Attachment_B-5_Roads\Roads_MALHEUR_rev_20180629.mxd

Boardman to Hemingway Transmission Line Project Application for Site Certificate

Malheur County

Map 108

**Attachment B-5**

Road Classification Guide and Access Control Plan

**OREGON Map Area**

**Malheur County**

Map 108
Malheur County

Vale Main Canal
Haymaker Gulch

Sec. 27
Sec. 28

17S 44E

MA-137 MA-138 MA-140
MA-141 MA-142 MA-143
MA-144 MA-145 MA-146
MA-147 MA-148 MA-149
MA-150 MA-151 MA-152
MA-153 MA-154 MA-155
MA-156 MA-157 MA-158
MA-159 MA-160 MA-161

1. Map 109

Source(s): BLM, IPC, ODOT, USGS, USFWS, Jered, et al.

Projection: MERCATOR

Map Area

0 1,000 Feet

Boardman to Hemingway Transmission Line Project
Application for Site Certificate
Malheur County
Map 109

Road Classification Guide and Access Control Plan

Wildlife Habitat:
- Sage-grouse
- Low Density/General Habitat Management Area (GHMA)

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

Other Features:
- Stream/River/Canal

Project Features:
- Site Boundary
- Work Areas
- Communication Station
- Distribution Lines
- Access
  - Access Nodes
  - Access Control
- Existing Road
  - No Substantial Modification, 0-20% Improvements
  - Substantial Modification, 21-70% Improvements
  - New Road, Bladed
  - New Road, Primitive
- Access Road Indirect Impacts
- Included in Calculations
- Access Control, Not Included in Calculations

Source: Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final\ASC\Exhibits\A Project Interface\Maps\Maps\Attachment B-5 Roads\Roads_MALHEUR_REV_20180629.mxd

OREGON Map

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final\ASC\Exhibits\A Project Interface\Maps\Maps\Attachment B-5 Roads\Roads_MALHEUR_REV_20180629.mxd
MALHEUR COUNTY

Sec. 25

Sec. 35

Sec. 36

Sec. 37

Sec. 38

Sec. 39

Sec. 40

Sec. 41

Sec. 42

Sec. 43

Sec. 44

17S

43E

44E

MA-160

MA-161

MA-162

MA-163

MA-164

MA-165

MA-166

MA-167

MA-168

MA-169

MA-170

MA-171

MA-172

MA-173

MA-174

MA-175

MA-176

MA-177

MA-178

MA-179

MA-180

MA-181

Map 110

OREGON

Boardman to Hemingway Transmission Line Project
Application for Site Certificate

Attachment B-5
Road Classification Guide
and Access Control Plan

Malheur County
Map 110

Source(s): BLM, IPC, ODOT, USDA, USGS, Ventyx, Esri
Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASC\Exhibits\B_Project Information\Maps\Attachment B-5 Roads\Roads_MALHEUR_rev 20180629.mxd

Project Features
- Site Boundary
- Work Areas
- Access
  - Access Nodes
  - Access Control
Existing Road, No Substantial Modification, 0-20% Improvements
Existing Road, Substantial Modification, 21-70% Improvements
New Road, Bladed
New Road, Primitive
Access Road Indirect Impacts
- Included in Calculations
- Access Controlled, Not Included in Calculations
- Not Included
Wildlife Habitat
- Sage-grouse
- Low Density/General Habitat Management Area (GHMA)

Land Status
- Bureau of Land Management
- Private

Source: BLM, IPC, ODOT, USDA, USGS, Ventyx, Esri
Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
ASC\Exhibits\B_Project Information\Maps\Attachment B-5 Roads\Roads_MALHEUR_rev 20180629.mxd
Project Features
- Site Boundary
- Work Areas
- Communication Station
- Distribution Lines
- Access
  - Access Nodes
  - Access Control
- Existing Road, No Substantial Modification, 0-20% Improvements
- Existing Road, Substantial Modification, 21-70% Improvements
- Existing Road, Substantial Modification, 71-100% Improvements
- New Road, Bladed
- New Road, Primitive
- Access Road Indirect Impacts
- Included in Calculations
- Access Controlled, Not Included in Calculations

Wildlife Habitat
- Sage-grouse
- Low Density/General Habitat Management Area (GHMA)

Land Status
- Bureau of Land Management
- Private

Other Features
- Stream/River/Canal

Source(s): BLM, IPC, ODOT, USDA, USGS, Ventyx, Esri
Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final_ASC\Exhibits\A_Project Information\Maps\Attachment B-5 Roads\Roads_MALHEUR_rev 20180629.mxd
Project Features
- Site Boundary
- Work Areas
- Access
  - Access Nodes
  - Existing Road, Substantial Modification, 21-70% Improvements
  - Existing Road, Substantial Modification, 71-100% Improvements
  - New Road, Bladed
  - New Road, Primitive
- Access Road Indirect Impacts
- Access Controlled, Not Included in Calculations
- Access Controlled, Included in Calculations

Wildlife Habitat
- Sage-grouse
  - Low Density/General Habitat Management Area (GHMA)

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

Other Features
- Stream/River/Canal

Source(s): BLM, IPC, ODOT, USDA, USGS, Ventyx, Esri
Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final ASC\Exhibits\B_Project Information\Maps\Attachment B-5 Roads\Roads_MALHEUR_rev 20180629.mxd

Boardman to Hemingway Transmission Line Project Application for Site Certificate
Malheur County
Map 113
Project Features
- Site Boundary
- Access
- Access Nodes
- Existing Road, No Substantial Modification, 0-20% Improvements
- Existing Road, Substantial Modification, 71-100% Improvements
- Access Road Indirect Impacts
- Included in Calculations

Wildlife Habitat
- Sage-grouse

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

Other Features
- Stream/River/Canal

Source(s): BLM, IPC, ODOT, USDA, USGS, Jeren, Envi,
21466334537, Malheur_hemmingway_Report_final_Malheur_28a_report_interactive_Malheur_Malheur_j_20180629.mxd
Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
Attachments & Project Information\Interactive Maps\01 Road\Roads\Roads_MALHEUR_rev_20180629.mxd
Malheur County
Attachment B-5
Road Classification Guide
and Access Control Plan

Boardman to Hemingway Transmission Line Project
Application for Site Certificate

Malheur County
Map 114
Attachment B-5
Road Classification Guide
and Access Control Plan
Malheur County
Map 115
MALHEUR COUNTY

Sand Hollow
Sec. 26
Sec. 25
Sec. 36

19S 43E
19S 44E

Project Features
- Site Boundary
- Work Areas
- Access
  - Access Nodes
- Existing Road, Substantial Modification, 71-100% Improvements
- New Road, Bladed
- New Road, Primitive
- Land Status
  - Bureau of Land Management

Other Features
- Stream/River/Canal

Source(s): BLM, IPC, ODOT, USDA, USGS, Ventyx, Esri
Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final\ASC\Exhibits\B_Project Information\Maps\Attachment B-5 Roads\Roads_MALHEUR_rev 20180629.mxd

Boardman to Hemingway Transmission Line Project
Application for Site Certificate
Attachment B-5
Road Classification Guide and Access Control Plan
Malheur County
Map 118
Project Features
- Site Boundary
- Work Areas
- Access
  - Access Nodes
  - Existing Road, Substantial Modification, 21-70% Improvements
  - Existing Road, Substantial Modification, 71-100% Improvements
  - New Road, Bladed
  - New Road, Primitive
- Land Status
  - Bureau of Land Management
  - Private
- Other Features
  - Stream/River/Canal

Source(s): BLM, ODOT, USDA, USGS, Ventyx, Esri
Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final\ASC\Exhibits\B_Project Information\Maps\Attachment B-5 Roads\Roads_MALHEUR_rev 20180629.mxd

Map 119
F
01,000

Malheur County
Attachment B-5
Road Classification Guide and Access Control Plan
Boardman to Hemingway Transmission Line Project
Application for Site Certificate
Malheur County
Map 119
Project Features
- Site Boundary
- Work Areas
- Communication Station Distribution Lines
- Access
  - Access Nodes
  - Existing Road, No Substantial Modification, 0-20% Improvements
- Existing Road, Substantial Modification, 21-70% Improvements
- Existing Road, Substantial Modification, 71-100% Improvements
- New Road, Bladed

Land Status
- Bureau of Land Management
- Private
- Other Features
  - Stream/River/Canal

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

Attachment B-5
Road Classification Guide and Access Control Plan
Malheur County
Map 120
Project Features
- Site Boundary
- Work Areas
- Communication Station Distribution Lines
- Access
  - Access Nodes
  - Existing Road, No Substantial Modification, 0-20% Improvements
  - Existing Road, Substantial Modification, 21-70% Improvements
  - Existing Road, Substantial Modification, 71-100% Improvements
  - New Road, Bladed
  - New Road, Primitive
  - Access Road Indirect Impacts
  - Included in Calculations

Wildlife Habitat
- Sage-grouse
- Low Density/General Habitat Management Area (GHMA)

Land Status
- Bureau of Land Management
- Private

Source(s): BLM, IPC, ODOT, USDA, USGS, Ventyx, Esri
Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_FinalASC\Exhibits\B_Project Information\Maps\Attachment B-5 Roads\Roads_MALHEUR_rev 20180629.mxd
Project Features
- Site Boundary
- Work Areas
- Access
- Access Nodes
- Access Control

Existing Road, No Substantial Modification, 0-20% Improvements
Existing Road, Substantial Modification, 21-70% Improvements
Existing Road, Substantial Modification, 71-100% Improvements
New Road, Bladed
New Road, Primitive
Access Road Indirect Impacts
- Included in Calculations
- Access Controlled, Not Included in Calculations

Wildlife Habitat
- Sage-grouse
- Low Density/General Habitat Management Area (GHMA)

Land Status
- Bureau of Land Management
- Private

Source(s): BLM, IPC, ODOT, USDA, USGS, Ventyx, Esri
Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final\ASC\Exhibits\B_Project Information\Maps\Attachment B-5 Roads\Roads_MALHEUR_rev 20180629.mxd

Malheur County
Map 124
MALHEUR COUNTY

Fletcher Gulch

Mud Spring

Sec. 20

Sec. 29

Sec. 32

Sec. 19

MALHEUR COUNTY

20S 45E

21S 45E

Attachment B-5
Road Classification Guide and Access Control Plan
Malheur County
Map 125
Malheur County

Attachment B-5
Road Classification Guide and Access Control Plan
Malheur County
Map 127
Malheur County
Attachment B-5
Road Classification Guide
and Access Control Plan
Malheur County
Map 129
Boardman to Hemingway Transmission Line Project
Application for Site Certificate

Attachment B-5
Road Classification Guide and Access Control Plan
Malheur County
Map 130
Attachment B-5
Road Classification Guide and Access Control Plan
Malheur County
Map 131
Project Features
- Site Boundary
- Work Areas
- Access
- Access Nodes
- Existing Road, No Substantial Modification, 0-20% Improvements
- Existing Road, Substantial Modification, 71-100% Improvements
- New Road, Bladed

Land Status
- Bureau of Land Management
- Bureau of Reclamation
- Private
- State or Local
- Designated Utility Corridors
- Vale District (BLM) Utility Corridor

Other Features
- Stream/River/Canal

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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final\ASC\Exhibits\B_Project Information\Maps\Attachment B-5 Roads\Roads_MALHEUR_rev 20180629.mxd
MALHEUR COUNTY

South Canal Tunnel Number 6

Coyote Gulch

Alkali Creek

Tunnel Number 5

Tunnel Number 5

South Canal

Sec. 16

Sec. 21

Sec. 28

Tunnel Number 5

Malheur County

Attachment B-5 Roads

30,000 Feet

Map Area

0 1,000 Feet

Project Features
- Site Boundary
- Work Areas
- Access
  - Access Nodes
    - Existing Road, No Substantial Modification, 0-20% Improvements
    - Existing Road, Substantial Modification, 21-70% Improvements

Existing Road, Bladed
New Road, Primitive

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

Designated Utility Corridors
- Vale District (BLM) Utility Corridor

Other Features
- Stream/River/Canal

Map 133

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

Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final Application for Site Certificate

Boardman to Hemingway Transmission Line Project

Road Classification Guide and Access Control Plan

Malheur County

Map 133
Project Features:
- Site Boundary
- Work Areas
- Access
  - Access Nodes
    - Existing Road, No Substantial Improvements
    - Existing Road, Substantial Improvements, 0-25% Improvements
    - Existing Road, Substantial Improvements, 21-70% Improvements
- New Road, Bladed
- New Road, Primitive

Land Status:
- Bureau of Land Management
- Bureau of Reclamation
- Private
- Designated Utility Corridors
  - Vale District (BLM) Utility Corridor
  - Vale District (BLM) Utility Corridor and West-wide Energy Corridor (WWEC)

Other Features:
- Stream/River/Canal

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

Z:\UtilServ\Boardman_Hemingway\Reports\003_Oregon_Energy_Siting_Council\003_Final\N:\UtilServ\Boardman_Hemingway\Reports\003_Oregon_Energy_Siting_Council\003_Final\Exhibits\B_Project Information\Maps\Attachment B-5 Roads\Roads_MALHEUR_rev 20180629.mxd

MAP 134

Malheur County

Boardman to Hemingway Transmission Line Project
Application for Site Certificate
Attachment B-5
Road Classification Guide and Access Control Plan
Malheur County
Map 135
Project Features
- Site Boundary
- Work Areas
- Communication Station
- Distribution Lines
- Access
  - Access Nodes
  - Access Control
- Existing Road
  - Substantial Modification, 71-100% Improvements
  - New Road, Bladed
  - New Road, Primitive
- Access Road Indirect Impacts
- Access Controlled, Not Included in Calculations
- Access Control
- Existing Road, Substantial Modification, 21-70% Improvements

Wildlife Habitat
- Sage-grouse
- Important Habitat Management Area (IHMA)

Land Status
- Bureau of Land Management
- Bureau of Reclamation
- Private
- Designated Utility Corridors
- Vale District (BLM) Utility Corridor
- Vale District (BLM) Utility Corridor and West-wide Energy Corridor (WWEC)
- West-wide Energy Corridor (WWEC)

Other Features
- Stream/River/Canal

Source (B.L.M.IPC, ODOT, USDA, USGS, Ventyx, Esri)
Z:\UtilServ\Boardman_Hemingway\Reports\002_Oregon_Energy_Siting_Council\03_Final
AS\Exhibits\B_Project Information\Maps\Attachment B-5 Roads\Roads_MALHEUR_rev 20180629.mxd

Boardman to Hemingway Transmission Line Project
Application for Site Certificate
Malheur County
Map 136

Attachment B-5
Road Classification Guide
and Access Control Plan

Map 136