

Boardman to Hemingway Transmission Line Project - Route Analysis Worksheet for the North Project Advisory Team

Constraint/Opportunity	Placement Opportunity	Avoidance Categories			Exclusion
<p align="center">Siting Criteria</p>	<p>Areas that should be considered for transmission line routes because land uses were identified by the Project Advisory Team (indicated by shading) as a high priority for placement, and/ or routes are compatible with the construction, maintenance, and operation of overhead transmission lines.</p>	<p>These areas should be avoided unless there is no reasonable alternative. Mitigation¹ would be required for federally-managed lands and to meet Oregon Department of Energy Energy Facility Siting Council standards. Also a potential that federal resource plans would need to be amended to allow the project. Assignment to categories based on Project Advisory Team (PAT) community criteria (indicated by shading) and then professional judgment for criteria not addressed by the PAT.</p>			<p>Areas where a transmission line is precluded by statute or regulation (federal, state, local) or as identified by the Project Advisory Team (indicated by shading).</p>
		Avoidance: Low	Avoidance: Moderate	Avoidance: High	
		<p>Very low to low impact. Mitigation, if necessary, would be very easy to implement</p>	<p>Moderate impact that could likely result in significant adverse impact that could require mitigation. Mitigation, if necessary, would range from fairly easy to implement to being costly or require longer time frames.</p>	<p>High to very high impact (duration, magnitude). Very difficult or infeasible to mitigate (due to technology, sensitivity of resource, time frame, or cost of mitigation).</p>	
MAP SERIES: Land Use					
Airport and Controlled Airspace					X
Oregon Fish Hatchery					X
Pipeline	X				
Military Operations Area					X
Naval Weapons System Training Facility	X				
Hells Canyon National Recreation Area					X
Starkey Game Management Area					X
Wind Farm	X				
Wild/Scenic River					X
Nature Conservancy Preserve					X
National Wildlife Refuge					X
National Forest Utility Corridor	X				
West-wide Energy Corridor	X				
Vale District BLM Special Recreation Management Area				X	
Vale District BLM Proposed & Existing Utility Corridor	X				
Malheur Resource Area Off Highway Vehicle Closure Area				X	
Idaho County Impact Area				X	
Oregon Urban Growth Boundary				X	
Urban Area					X
Oregon State Park					X
Area of Critical Environmental Concern					X
Exclusive Farm Use Zone			X		
Irrigated Agriculture				X	
US Forest Service Recreation Site					X
US Forest Service Recreation Area					X
US National Forest Special Interest/Management Area				X	
US Forest Service Roadless Area					X
Bureau of Land Management Wilderness Study Area					X
US Forest Service Wilderness Area					X
Bureau of Land Management (managed lands)	X				
Bureau of Reclamation (managed lands)	X				
Indian Reservation					X
Military (owned lands)			X		
National Park Service (managed lands)					X

Boardman to Hemingway Transmission Line Project - Route Analysis Worksheet for the North Project Advisory Team

Constraint/Opportunity	Placement Opportunity	Avoidance Categories			Exclusion
Siting Criteria	Areas that should be considered for transmission line routes because land uses were identified by the Project Advisory Team (indicated by shading) as a high priority for placement, and/ or routes are compatible with the construction, maintenance, and operation of overhead transmission lines.	These areas should be avoided unless there is no reasonable alternative. Mitigation ¹ would be required for federally-managed lands and to meet Oregon Department of Energy Energy Facility Siting Council standards. Also a potential that federal resource plans would need to be amended to allow the project. Assignment to categories based on Project Advisory Team (PAT) community criteria (indicated by shading) and then professional judgment for criteria not addressed by the PAT.			Areas where a transmission line is precluded by statute or regulation (federal, state, local) or as identified by the Project Advisory Team (indicated by shading).
		Avoidance: Low	Avoidance: Moderate	Avoidance: High	
		Very low to low impact. Mitigation, if necessary, would be very easy to implement	Moderate impact that could likely result in significant adverse impact that could require mitigation. Mitigation, if necessary, would range from fairly easy to implement to being costly or require longer time frames.	High to very high impact (duration, magnitude). Very difficult or infeasible to mitigate (due to technology, sensitivity of resource, time frame, or cost of mitigation).	
Other federal (managed lands)	X				
Private				X	
State (managed lands)	X				
US Fish and Wildlife Service (managed lands)					X
US Forest Service (managed lands)	X				
MAP SERIES: Cultural and Visual					
Oregon Trail Interpretive Center			X	X	
Cemetery			X		
Historic Site (NRHP)					X
Idaho Historic Trail / Oregon Trail				X	
Intact Oregon Trail Segment				X	
Scenic Byway Route				X	
Bureau of Land Management Visual Resource Management Class I				X	X
Bureau of Land Management Visual Resource Management Class II				X	
Bureau of Land Management Visual Resource Management Class III			X		
US Forest Service VQO: Maximum Modification	X				
US Forest Service VQO: Modification		X			
US Forest Service VQO: Partial Retention			X		
US Forest Service VQO: Retention					X
US Forest Service VQO: Preservation					X
MAP SERIES: Physical and Natural Resources (Geology, Soils, Vegetation, Water, and Wetlands)					
Fault Line			X		
100-year Floodplain				X	
US Geological Survey Mining Area			X		
National Wetland Inventory Wetland			X		
US Forest Service Old Growth Forest				X	
Forested Land			X		
Oregon Landslide Data					
Fan			X		
Landslide				X	
Talus-Colluvium (landslide related feature)				X	
NRCS Soil Capability Classification - Arable Land Classification					
Class I				X	
Class II			X		
Class III			X		

Boardman to Hemingway Transmission Line Project - Route Analysis Worksheet for the North Project Advisory Team

Constraint/Opportunity	Placement Opportunity	Avoidance Categories			Exclusion
<p align="center">Siting Criteria</p>	<p>Areas that should be considered for transmission line routes because land uses were identified by the Project Advisory Team (indicated by shading) as a high priority for placement, and/ or routes are compatible with the construction, maintenance, and operation of overhead transmission lines.</p>	<p>These areas should be avoided unless there is no reasonable alternative. Mitigation¹ would be required for federally-managed lands and to meet Oregon Department of Energy Energy Facility Siting Council standards. Also a potential that federal resource plans would need to be amended to allow the project. Assignment to categories based on Project Advisory Team (PAT) community criteria (indicated by shading) and then professional judgment for criteria not addressed by the PAT.</p>			<p>Areas where a transmission line is precluded by statute or regulation (federal, state, local) or as identified by the Project Advisory Team (indicated by shading).</p>
		Avoidance: Low	Avoidance: Moderate	Avoidance: High	
		<p>Very low to low impact. Mitigation, if necessary, would be very easy to implement</p>	<p>Moderate impact that could likely result in significant adverse impact that could require mitigation. Mitigation, if necessary, would range from fairly easy to implement to being costly or require longer time frames.</p>	<p>High to very high impact (duration, magnitude). Very difficult or infeasible to mitigate (due to technology, sensitivity of resource, time frame, or cost of mitigation).</p>	
Class IV		X			
MAP SERIES: Fish and Wildlife					
Special Status Fish Steam			X		
Wildlife Management Area					X
Idaho Pronghorn Antelope Habitat			X		
Idaho Bighorn Sheep Habitat			X		
Idaho Elk and Deer Crucial Winter Range			X		
Oregon Elk Winter Range			X		
Oregon Deer Winter Range			X		
Sage-grouse Lek					X
Sage-grouse Lek 2 mile Buffer					X
Oregon Sage-grouse Occupied Habitat				X	
Idaho Sage-grouse Key Habitat Area				X	
Idaho Sage-grouse Habitat: High Restoration Potential				X	

1. Mitigation is a way to reduce the effect of an action. Mitigation is a process that includes avoiding the impact, minimizing the impact, and compensating for remaining unavoidable impacts. Federal and state agencies have varying mitigation requirements that will be triggered by impacts identified through their permitting and approval processes.