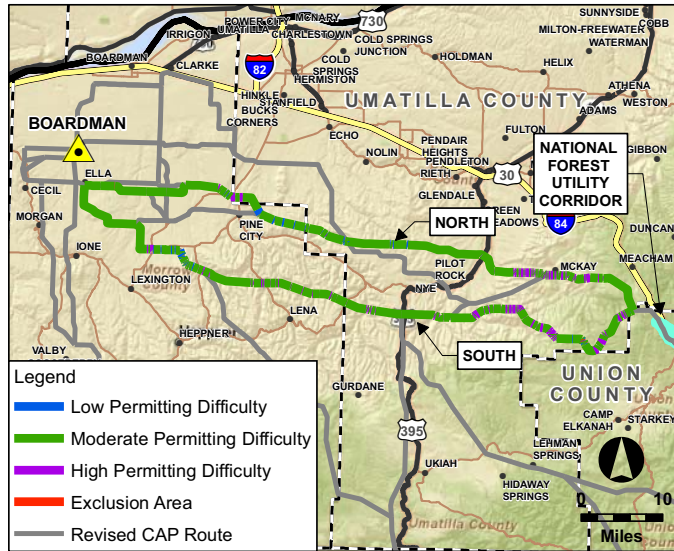
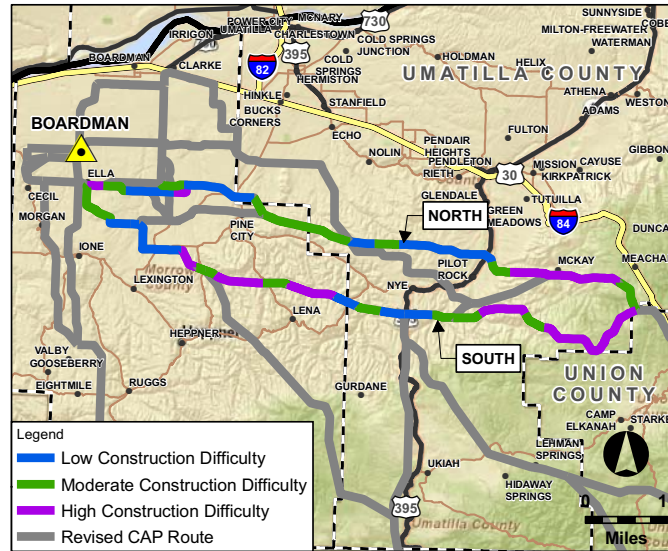


# NORTH PAT - WEST OF NATIONAL FOREST UTILITY CORRIDOR

## PERMITTING DIFFICULTY



## CONSTRUCTION DIFFICULTY



## MITIGATION COST



## SUMMARY



- 2 ROUTES WERE CONSIDERED:  
NORTH AND SOUTH

- THE NORTH ROUTE IS THE MORE  
REASONABLE ROUTE

- THE NORTH ROUTE IS MORE REASONABLE  
THAN THE SOUTH ROUTE BECAUSE IT:

- 6.7 miles shorter/200 fewer acres of ROW
- Crosses 39.9 fewer miles of Deer Winter Range
- Crosses 7.5 fewer miles of Private Land
- Crosses 1.8 fewer miles of Slopes > 35%
- May have willing landowners for approximately 30 miles

**WEST OF NATIONAL FOREST UTILITY CORRIDOR**

	<b>NORTH ROUTE</b> (MO16-MO17-MO18-MO21- MO23-UM1-UM3-UM4)	<b>SOUTH ROUTE</b> (MO16-MO26-MO24- UM5-UM9-UM4)
	<b>LENGTH IN MILES</b>	
<b>PERMITTING DIFFICULTY</b>		
LOW	2.3	2.3
MODERATE	65.7	69.3
HIGH	6.3	9.3
EXCLUSION	0.0	0.0
<b>CONSTRUCTION DIFFICULTY</b>		
LOW	29.9	21.4
MODERATE	26.2	23.5
HIGH	18.2	36.0
<b>MITIGATION COST</b>		
LOW	61.0	30.2
MODERATE	13.2	50.4
HIGH	0.1	0.3

**WEST OF NATIONAL FOREST UTILITY CORRIDOR**

Resource Group	Regulatory Criteria Description	Permitting Difficulty	Community Criteria*	NORTH ROUTE (MO16-MO17- MO18-MO21- MO23-UM1-UM3 UM4)	SOUTH ROUTE (MO16-MO26- MO24-UM5-UM9 UM4)	
				LENGTH IN MILES		
TOTAL LENGTH				74.3	81.0	
1	Fish and Wildlife	ODFW Conservation Opportunity Area	Avoidance Low	20.7	21.3	
2	Fish and Wildlife	ODFW Big Game Deer Winter Range	Avoidance Mod	CC	8.8	48.7
3	Fish and Wildlife	ODFW Big Game Elk Winter Range	Avoidance Mod	CC	13.1	13.5
4	Fish and Wildlife	Sage-grouse Core Area 2: Potential Habitat (Oregon)	Avoidance Low		33.4	51.2
5	Fish and Wildlife	Sage-grouse Core Area 3: Non-Sagebrush Shrublands and Grasslands (Oregon)	Avoidance Low		4.5	4.3
6	Fish and Wildlife	Within 300ft Special Status Stream: Coho Salmon	Avoidance Mod	CC	0.1	-
7	Fish and Wildlife	Within 300ft Special Status Stream: Steelhead	Avoidance Mod	CC	0.1	0.3
8	Land Use	Exclusive Farm Use Zone/Multiple Use Range Zone	Avoidance High		66.8	67.2
9	Land Use	Forested Land: Private	Avoidance Mod		6.3	6.0
10	Land Use	Forested Land: Public	Avoidance Mod		-	0.1
11	Land Use	The Nature Conservancy: Portfolio	Avoidance Mod		30.1	17.2
12	Ownership	Bureau of Land Management	Avoidance Low	CC	-	0.1
13	Ownership	Private	Avoidance Low	CC	74.3	80.8
14	Ownership	U.S. Forest Service	Avoidance Low	CC	-	0.1
15	Geological Resources	Erosion Hazard: High (NRCS Soil Data - Grant Co, OR data n/a)	Avoidance Mod		42.8	32.2
16	Geological Resources	Erosion Hazard: Moderate (NRCS Soil Data - Grant Co, OR data n/a)	Avoidance Mod		16.3	14.8
17	Geological Resources	Erosion Hazard: Low (NRCS Soil Data - Grant Co, OR data n/a)	Avoidance Low		7.6	22.0
18	Geological Resources	Within 500ft of Fault Line	Avoidance Low		1.0	1.1
19	Geological Resources	Prime Farmland/Arable Land: Soils Class 1-4	Avoidance Mod	CC	64.6	56.1
20	Geological Resources	Oregon Landslide Feature: Fan	Avoidance Mod		4.6	-
21	Slope	Slope 0-15%	Opportunity		57.4	48.0
22	Slope	Slope 15-25%	Avoidance Low		8.6	15.2
23	Slope	Slope 25-35%	Avoidance Mod		4.0	11.5
24	Slope	Slope >35%	Avoidance High		4.4	6.2
25	Water and Wetlands	Floodplain: Area Not Mapped	Avoidance Low		41.5	38.8
26	Water and Wetlands	Floodplain: Not in Flood Zone	Avoidance Low		32.2	41.5
27	Water and Wetlands	Floodplain: Zone A	Avoidance Mod		0.7	0.6
28	Water and Wetlands	National Wetland Inventory	Avoidance Mod	CC	0.1	-
29	Water and Wetlands	Oregon Watershed Restoration Inventory Project (within 500ft Buffer of linear feature)	Avoidance Mod		-	0.3
30	Other Features	Within 200ft of Existing Pipeline	Opportunity	CC	0.1	0.1
31	Other Features	Parallel to Existing Transmission Line	Opportunity		-	4.2

\* Rows designated with "CC" indicate Community Criteria. These are the criteria the Project Advisory Teams wanted considered in the analysis.