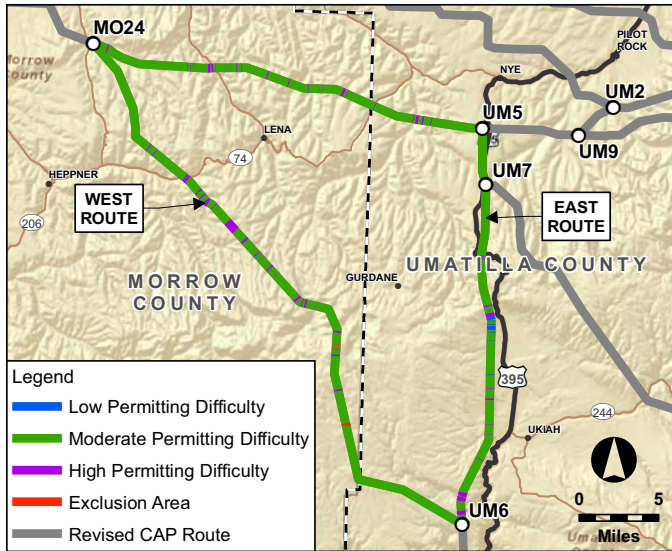
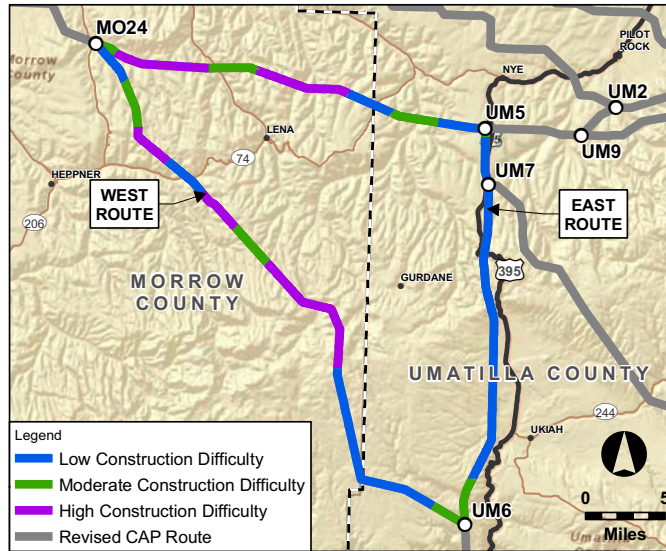


NORTH PAT - UMATILLA NATIONAL FOREST

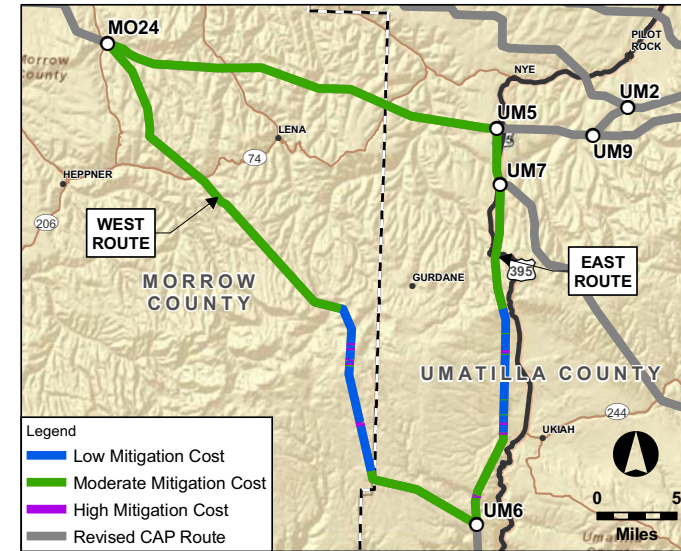
PERMITTING DIFFICULTY



CONSTRUCTION DIFFICULTY



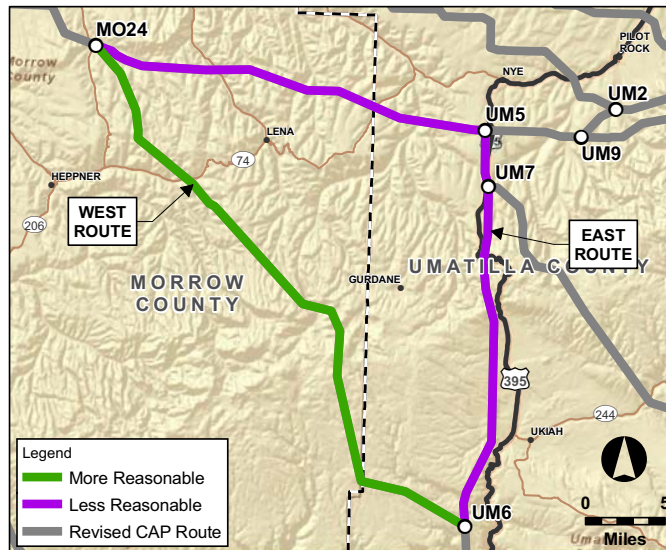
MITIGATION COST



SUMMARY

- 2 ROUTES WERE CONSIDERED:
EAST ROUTE (MO24-UM5-UM7-UM6) AND
WEST ROUTE (MO24-UM6)

- THE WEST ROUTE IS THE MORE
REASONABLE ROUTE



- THE WEST ROUTE IS MORE REASONABLE
THAN THE EAST ROUTE BECAUSE IT:

- 9.4 miles shorter/284 fewer acres of ROW
- Crosses 14.3 fewer miles of Deer Winter Range
- Crosses 14.2 fewer miles of EFU
- Crosses 20.3 fewer miles of Private Land
- Crosses 12.1 fewer miles of High Erosion Hazard Land
- Crosses 1.7 fewer miles of Slopes > 35%
- Old Growth Forest Areas will be avoided during micro-siting

UMATILLA NATIONAL FOREST MILEAGE SUMMARY

	WEST ROUTE (MO24-UM6)	EAST ROUTE (MO24-UM5-UM7-UM6)
	LENGTH IN MILES	
PERMITTING DIFFICULTY		
LOW	0.1	0.8
MODERATE	37.9	46.1
HIGH	2.9	3.8
EXCLUSION	0.4*	0.0
CONSTRUCTION DIFFICULTY		
LOW	18.0	27.8
MODERATE	8.3	10.9
HIGH	15.0	12.0
MITIGATION COST		
LOW	9.8	7.5
MODERATE	30.8	42.7
HIGH	0.7	0.5

** Old Growth Forest Areas will be avoided during micro-siting*

UMATILLA NATIONAL FOREST DATA TABLE

Resource Group	Regulatory Criteria Description	Permitting Difficulty	Community Criteria*	WEST ROUTE	EAST ROUTE	
				(MO24-UM6)	(MO24-UM5-UM7-UM6)	
				LENGTH IN MILES		
TOTAL LENGTH				41.3	50.7	
1	Visual Resources	Within 1200ft Nationally Designated Scenic Byway	Avoidance Mod	CC	0.5	0.5
2	Visual Resources	National Forest Visual Quality Objective: Maximum Modification	Opportunity		10.5	0.3
3	Visual Resources	National Forest Visual Quality Objective: Modification	Avoidance Mod		1.1	-
4	Visual Resources	National Forest Visual Quality Objective: Partial Retention	Avoidance High		0.2	0.3
5	Fish and Wildlife	ODFW Conservation Opportunity Area	Avoidance Low		-	26.7
6	Fish and Wildlife	ODFW Big Game Deer Winter Range	Avoidance Mod	CC	28.6	42.9
7	Fish and Wildlife	ODFW Big Game Elk Winter Range	Avoidance Mod	CC	13.6	15.4
8	Fish and Wildlife	Sage-grouse Core Area 2: Potential Habitat (Oregon)	Avoidance Low		24.2	42.2
9	Fish and Wildlife	Sage-grouse Core Area 3: Non-Sagebrush Shrublands and Grasslands (Oregon)	Avoidance Low		16.2	5.0
10	Fish and Wildlife	Within 300ft Special Status Stream: Red Band Trout	Avoidance Mod	CC	0.7	0.2
11	Fish and Wildlife	Within 300ft Special Status Stream: Steelhead	Avoidance Mod	CC	0.2	0.5
12	Land Use	Cropland/Irrigated Agriculture	Avoidance High		1.0	0.3
13	Land Use	Exclusive Farm Use Zone/Multiple Use Range Zone	Avoidance High		20.9	35.1
14	Land Use	Grazing/Pasture - OR	Avoidance Low		2.7	8.7
15	Land Use	Forested Land: Private	Avoidance Mod		5.0	4.9
16	Land Use	Forested Land: Public	Avoidance Mod		9.9	0.2
17	Land Use	National Forest Old Growth Forest Stand**	Exclusion	CC	0.6	-
18	Land Use	Prineville District Lands Proposed for Acquisition by the BLM	Avoidance Low		1.2	-
19	Land Use	The Nature Conservancy: Portfolio	Avoidance Mod		0.6	0.8
20	Ownership	Private	Avoidance Low	CC	29.8	50.1
21	Ownership	U.S. Forest Service	Avoidance Low	CC	11.5	0.6
22	Geological Resources	Erosion Hazard: High (Prineville District, OR)	Avoidance Mod		-	1.0
23	Geological Resources	Erosion Hazard: High (NRCS Soil Data - Grant Co, OR data n/a)	Avoidance Mod		2.1	14.2
24	Geological Resources	Erosion Hazard: Moderate (NRCS Soil Data - Grant Co, OR data n/a)	Avoidance Mod		12.4	13.8
25	Geological Resources	Erosion Hazard: Low (NRCS Soil Data - Grant Co, OR data n/a)	Avoidance Low		10.6	13.1
26	Geological Resources	Within 500ft of Fault Line	Avoidance Low		0.1	0.6
27	Geological Resources	Prime Farmland/Arable Land: Soils Class 1-4	Avoidance Mod	CC	24.3	31.0
28	Geological Resources	Oregon Landslide Feature: Talus-Colluvium	Avoidance Mod		0.3	-
29	Slope	Slope 0-15%	Opportunity		26.7	29.7
30	Slope	Slope 15-25%	Avoidance Low		9.4	11.2
31	Slope	Slope 25-35%	Avoidance Mod		4.1	7.1
32	Slope	Slope >35%	Avoidance High		1.1	2.8
33	Water and Wetlands	Floodplain: Area Not Mapped	Avoidance Low		16.9	32.6
34	Water and Wetlands	Floodplain: Not in Flood Zone	Avoidance Low		24.1	17.9
35	Water and Wetlands	Floodplain: Zone A	Avoidance Mod		0.3	0.3
36	Water and Wetlands	National Wetland Inventory	Avoidance Mod	CC	0.4	0.1
37	Water and Wetlands	Oregon Watershed Restoration Inventory Project (within 500ft Buffer of linear feature)	Avoidance Mod		1.3	0.6
38	Water and Wetlands	Oregon Watershed Restoration Inventory Project (within 500ft of site location)	Avoidance High		0.1	-

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

** Old Growth Forest Areas will be avoided during micro-siting