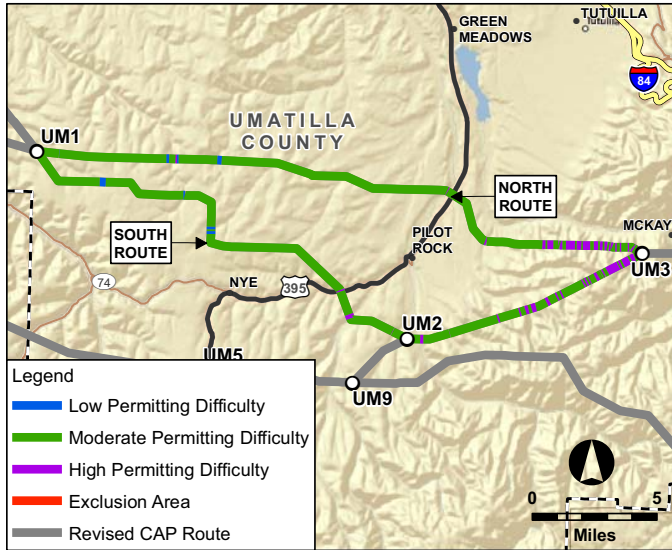
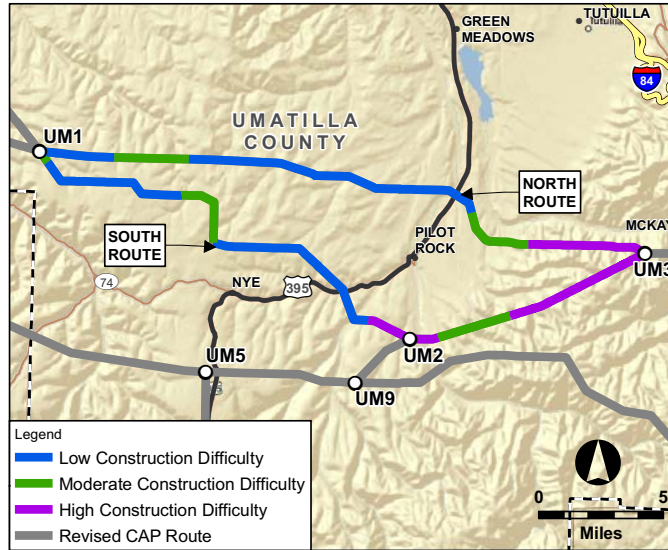


NORTH PAT - PILOT ROCK

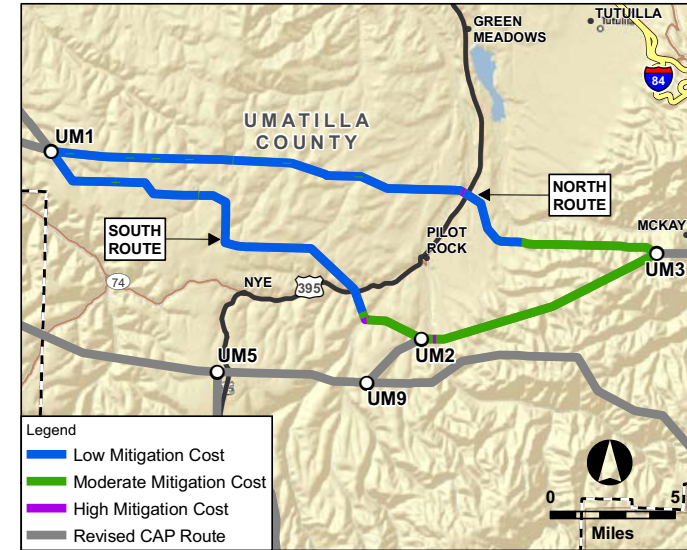
PERMITTING DIFFICULTY



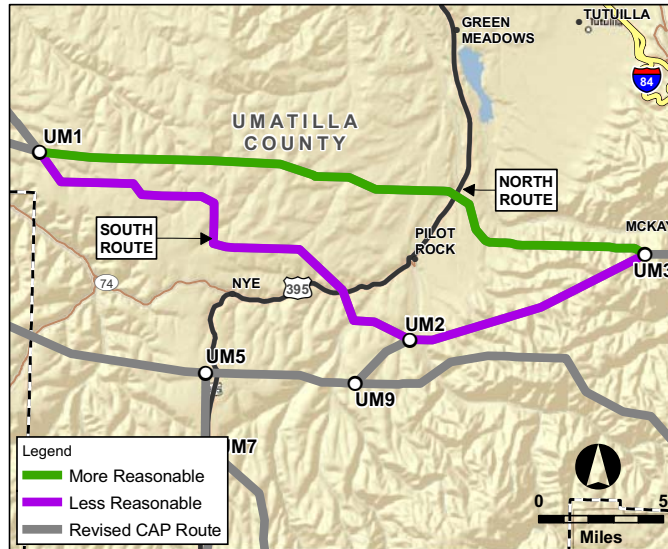
CONSTRUCTION DIFFICULTY



MITIGATION COST



SUMMARY



- 2 ROUTES WERE CONSIDERED:
NORTH ROUTE (UM1-UM3) AND
SOUTH ROUTE (UM1-UM2-UM3)

- THE NORTH ROUTE IS THE MORE
REASONABLE ROUTE

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

- 3.7 miles shorter/112 fewer acres ROW
- May have willing landowners for approximately 30 miles
- Crosses 7.4 fewer miles of Deer Winter Range
- Crosses 0.2 fewer miles of Steelhead Special Status Stream 300ft Buffer

PILOT ROCK MILEAGE SUMMARY

	SOUTH ROUTE (UM1-UM2-UM3)	NORTH ROUTE (UM1-UM3)
	LENGTH IN MILES	
PERMITTING DIFFICULTY		
LOW	0.6	0.4
MODERATE	25.9	22.8
HIGH	2.8	2.6
EXCLUSION	0.0	0.0
CONSTRUCTION DIFFICULTY		
LOW	13.8	15.0
MODERATE	6.5	6.0
HIGH	9.0	4.8
MITIGATION COST		
LOW	16.4	20.2
MODERATE	12.6	5.5
HIGH	0.3	0.1

PILOT ROCK DATA TABLE

Resource Group	Regulatory Criteria Description	Permitting Difficulty	Community Criteria*	SOUTH ROUTE (UM1-UM2-UM3)	NORTH ROUTE (UM1-UM3)
				LENGTH IN MILES	
TOTAL LENGTH				29.3	25.6
1	Fish and Wildlife	ODFW Conservation Opportunity Area	Avoidance Low	10.3	11.1
2	Fish and Wildlife	ODFW Big Game Deer Winter Range	Avoidance Mod	CC	12.9
3	Fish and Wildlife	ODFW Big Game Elk Winter Range	Avoidance Mod	CC	6.4
4	Fish and Wildlife	Sage-grouse Core Area 2: Potential Habitat (Oregon)	Avoidance Low		25.2
5	Fish and Wildlife	Within 300ft Special Status Stream: Coho Salmon	Avoidance Mod	CC	-
6	Fish and Wildlife	Within 300ft Special Status Stream: Steelhead	Avoidance Mod	CC	0.1 (1 crossing)
7	Land Use	Cropland/Irrigated Agriculture	Avoidance High		0.3 (2 crossings)
8	Land Use	Exclusive Farm Use Zone/Multiple Use Range Zone	Avoidance High		0.1
9	Land Use	Forested Land: Private	Avoidance Mod		-
10	Land Use	The Nature Conservancy: Portfolio	Avoidance Mod		10.1
11	Ownership	Private	Avoidance Low	CC	7.5
12	Geological Resources	Erosion Hazard: High (NRCS Soil Data - Grant Co, OR data n/a)	Avoidance Mod		29.3
13	Geological Resources	Erosion Hazard: Moderate (NRCS Soil Data - Grant Co, OR data n/a)	Avoidance Mod		25.8
14	Geological Resources	Erosion Hazard: Low (NRCS Soil Data - Grant Co, OR data n/a)	Avoidance Low		0.1
15	Geological Resources	Within 500ft of Fault Line	Avoidance Low		-
16	Geological Resources	Prime Farmland/Arable Land: Soils Class 1-4	Avoidance Mod	CC	10.1
17	Slope	Slope 0-15%	Opportunity		7.5
18	Slope	Slope 15-25%	Avoidance Low		19.2
19	Slope	Slope 25-35%	Avoidance Mod		18.5
20	Slope	Slope >35%	Avoidance High		4.4
21	Water and Wetlands	Floodplain: Area Not Mapped	Avoidance Low		3.7
22	Water and Wetlands	Floodplain: Not in Flood Zone	Avoidance Low		2.1
23	Water and Wetlands	Floodplain: Zone A	Avoidance Mod		29.3
24	Water and Wetlands	National Wetland Inventory	Avoidance Mod	CC	-

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