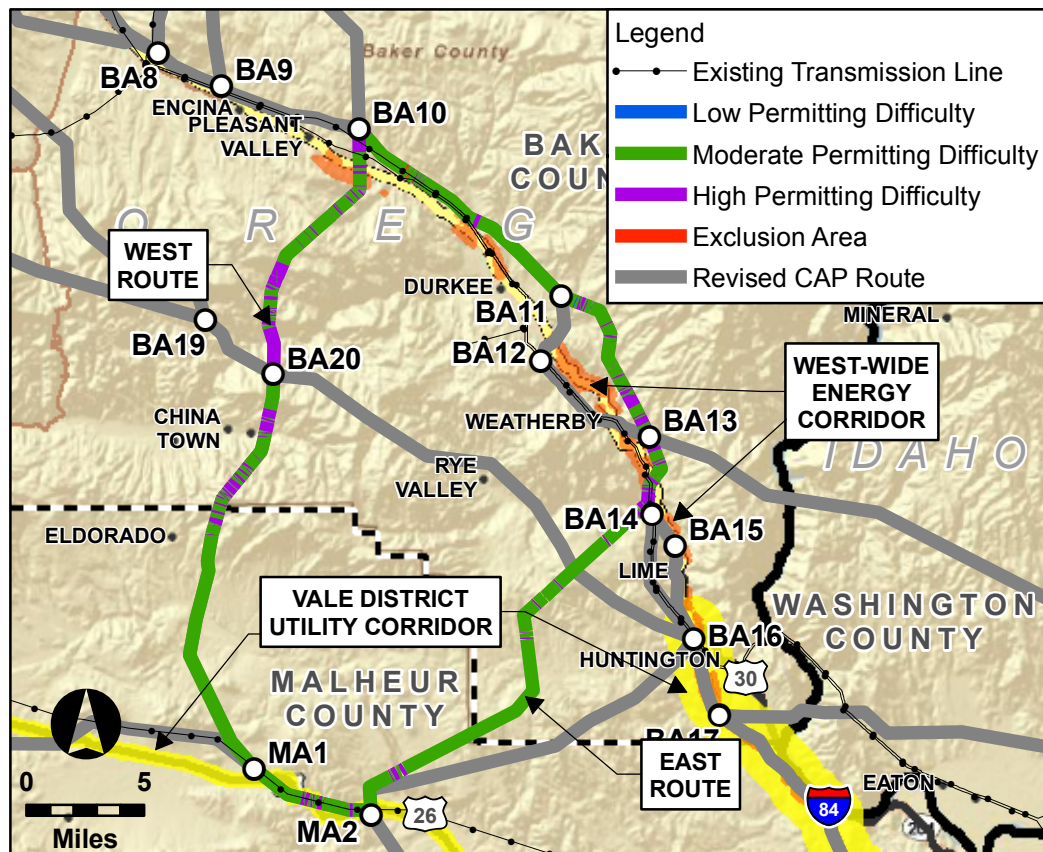
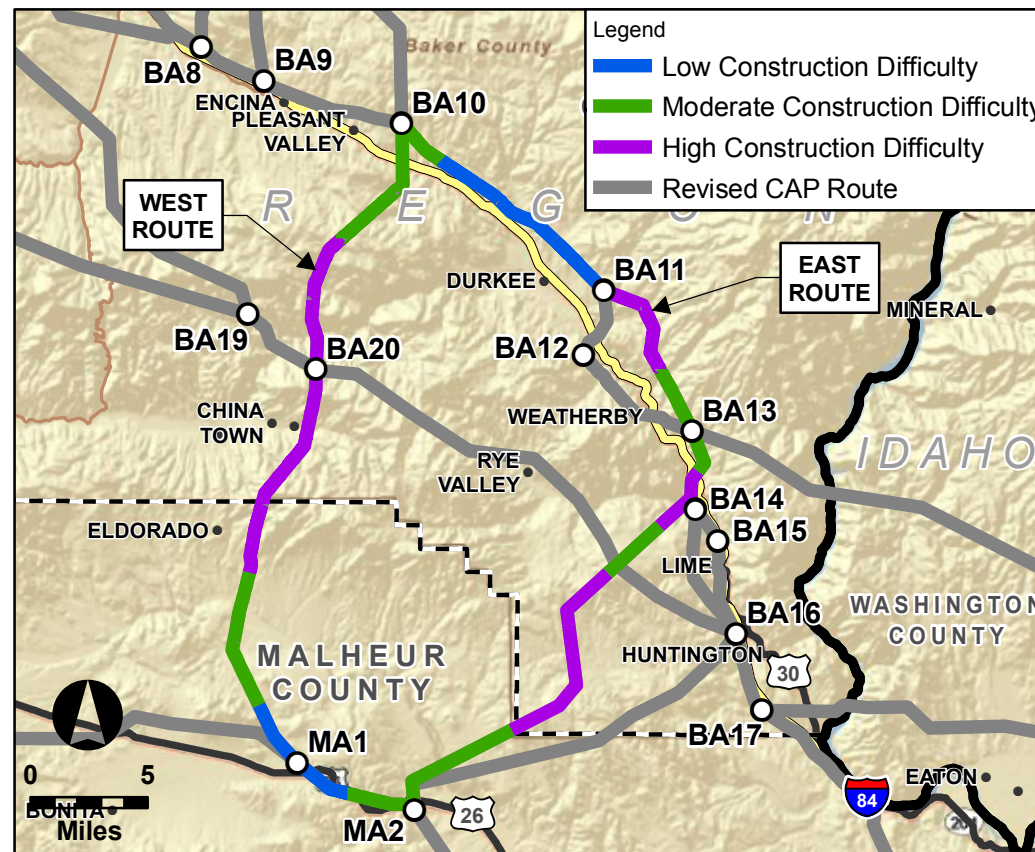


CENTRAL PAT/SOUTH PAT - BURNT RIVER

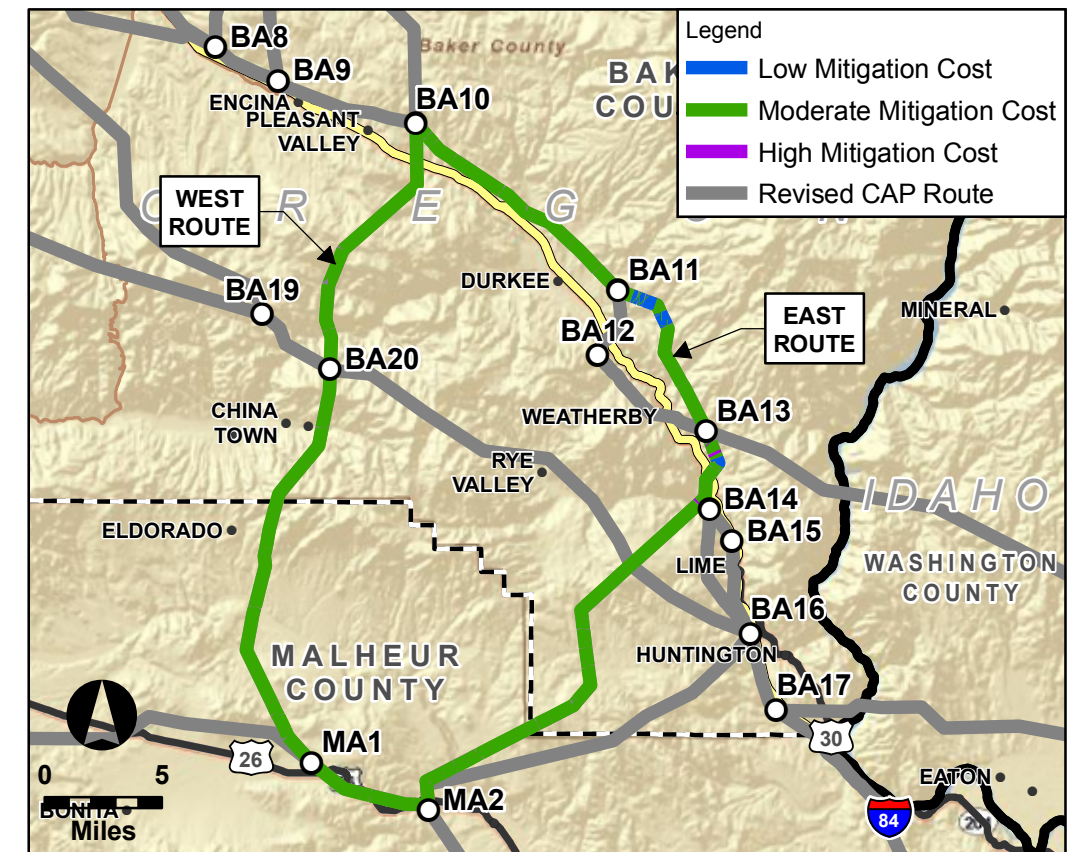
PERMITTING DIFFICULTY



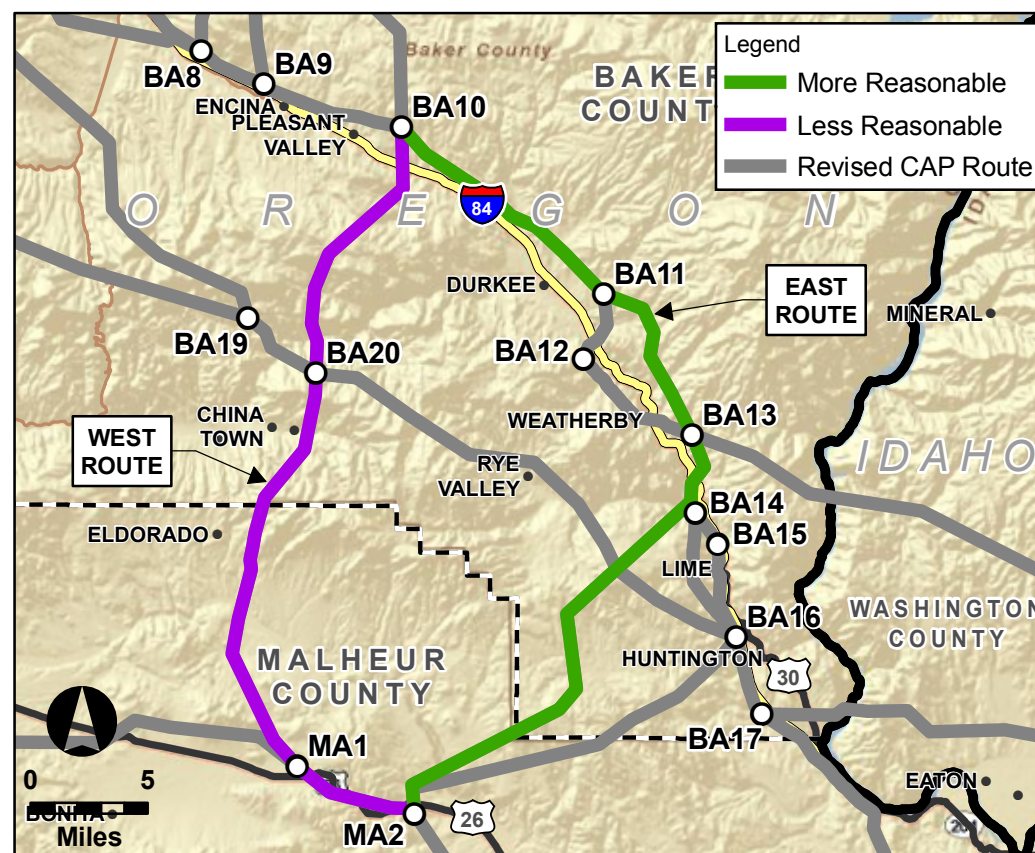
CONSTRUCTION DIFFICULTY



MITIGATION COST



SUMMARY



- 2 ROUTES WERE CONSIDERED:
WEST (BA10-BA20-MA1-MA2) AND
EAST (BA10-BA11-BA13-MA2)

- THE EAST ROUTE IS THE MORE
REASONABLE ROUTE

- CONSTRUCTION AND MAINTENANCE
OF A 500KV LINE ALONG THE EAST
ROUTE WOULD BE SIGNIFICANTLY
LESS DIFFICULT THAN ALONG THE
WEST ROUTE.

- THIS IS ESPECIALLY TRUE NORTH AND
SOUTH OF THE BURNT RIVER CANYON.

BURNT RIVER MILEAGE SUMMARY

	WEST ROUTE (BA10-BA20-MA1-MA2)	EAST ROUTE (BA10-BA11-BA13-MA2)
	LENGTH IN MILES	
PERMITTING DIFFICULTY		
LOW	0.0	0.1
MODERATE	26.6	35.6
HIGH	9.5	6.2
EXCLUSION	0.0	0.1
CONSTRUCTION DIFFICULTY		
LOW	5.6	9.0
MODERATE	15.0	16.2
HIGH	15.5	16.7
MITIGATION COST		
LOW	0.0	1.9
MODERATE	36.1	39.8
HIGH	0.0	0.2

BURNT RIVER DATA TABLE

Resource Group	Regulatory Criteria Description	Permitting Difficulty	Community Criteria*	WEST ROUTE (BA10-BA20-MA1-MA2)	EAST ROUTE (BA10-BA11-BA13-MA2)
				LENGTH IN MILES	
TOTAL LENGTH				36.1	41.9
1	Cultural Resources	Within 1200ft Historic Trail Buffer	Avoidance Mod	1.0	2.6
2	Cultural Resources	Intact Oregon Trail Segment (OR BLM)	Avoidance High	1.0	-
3	Visual Resources	Within 1200ft Nationally Designated Scenic Byway	Avoidance Mod	CC	0.6
4	Visual Resources	BLM Visual Resource Management Class 4	Avoidance Low	1.1	1.7
5	Fish and Wildlife	ODFW Conservation Opportunity Area	Avoidance Low	0.7	1.3
6	Fish and Wildlife	ODFW Big Game Deer Winter Range	Avoidance Mod	CC	33.4
7	Fish and Wildlife	ODFW Big Game Elk Winter Range	Avoidance Mod	CC	19.4
8	Fish and Wildlife	Sage-grouse Core Area 1: Sagebrush Habitat (Oregon)	Avoidance Mod	10.5	11.8
9	Fish and Wildlife	Sage-grouse Core Area 2: Potential Habitat (Oregon)	Avoidance Low	18.0	23.4
10	Fish and Wildlife	Sage-grouse Core Area 3: Non-Sagebrush Shrublands and Grasslands (Oregon)	Avoidance Low	2.3	-
11	Fish and Wildlife	Within 2-mile Oregon Sage-grouse Lek Buffer (Unoccupied)	Avoidance Low	-	4.0
12	Land Use	Cropland/Irrigated Agriculture	Avoidance High	0.4	0.3
13	Land Use	Exclusive Farm Use Zone/Multiple Use Range Zone	Avoidance High	16.4	35.7
14	Land Use	Grazing/Pasture - OR	Avoidance Low	31.4	35.3
15	Land Use	Forested Land: Private	Avoidance Mod	2.1	-
16	Land Use	Forested Land: Public	Avoidance Mod	1.4	-
17	Land Use	The Nature Conservancy: Portfolio	Avoidance Mod	0.6	-
18	Ownership	Bureau of Land Management	Avoidance Low	CC	13.5
19	Ownership	Private	Avoidance Low	CC	28.4
20	Geological Resources	Erosion Hazard: High (NRCS Soil Data - Grant Co, OR data n/a)	Avoidance Mod	-	5.1
21	Geological Resources	Erosion Hazard: Moderate (NRCS Soil Data - Grant Co, OR data n/a)	Avoidance Mod	1.2	17.3
22	Geological Resources	Erosion Hazard: Low (NRCS Soil Data - Grant Co, OR data n/a)	Avoidance Low	14.8	13.3
23	Geological Resources	Within 500ft of Fault Line	Avoidance Low	2.3	0.4
24	Geological Resources	Prime Farmland/Arable Land: Soils Class 1-4	Avoidance Mod	CC	23.3
25	Geological Resources	Oregon Landslide Feature: Fan	Avoidance Mod	0.2	-
26	Geological Resources	Oregon Landslide Feature: Landslide	Avoidance Mod	-	1.2
27	Geological Resources	Oregon Landslide Feature: Talus-Colluvium	Avoidance Mod	2.0	1.4
28	Slope	Slope 0-15%	Opportunity	15.9	20.4
29	Slope	Slope 15-25%	Avoidance Low	7.7	11.0
30	Slope	Slope 25-35%	Avoidance Mod	6.3	5.3
31	Slope	Slope >35%	Avoidance High	6.3	5.3
32	Water and Wetlands	National Wetland Inventory	Avoidance Mod	CC	0.3
33	Water and Wetlands	Oregon Watershed Restoration Inventory Project (within 500ft Buffer of linear feature)	Avoidance Mod	0.2	-
34	Water and Wetlands	Oregon Watershed Restoration Inventory Project Area	Avoidance Low	-	0.1
35	Other Features	Within 200ft of Existing Pipeline	Opportunity	CC	0.1
36	Other Features	Vale District Utility Corridor	Opportunity	3.0	0.4
37	Other Features	West-wide Energy Corridor	Opportunity	CC	0.0
38	Other Features	Parallel to Existing Transmission Line	Opportunity	7.2	3.2

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