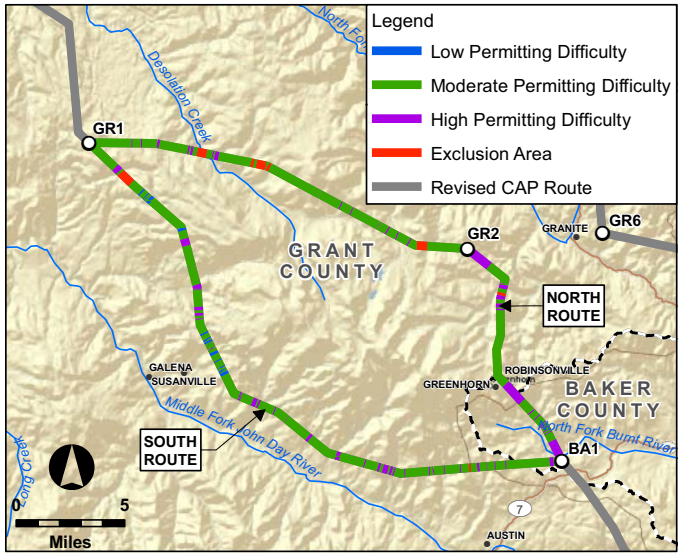
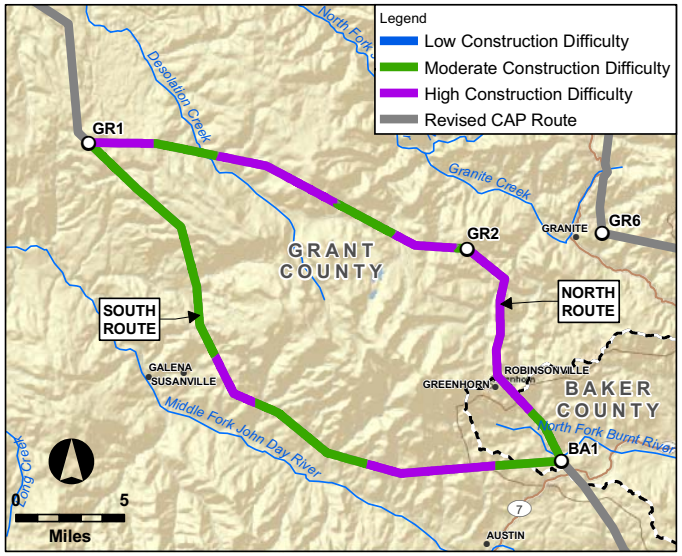
CENTRAL PAT/GRANT PAT - BLUE MOUNTAIN

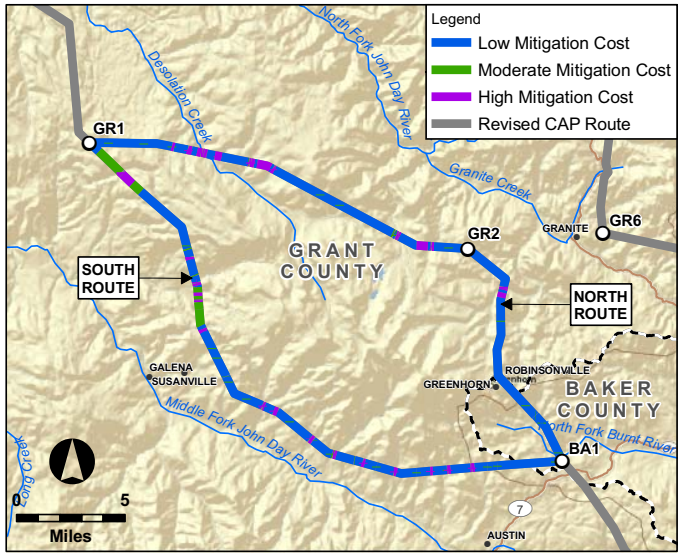
PERMITTING DIFFICULTY



CONSTRUCTION DIFFICULTY



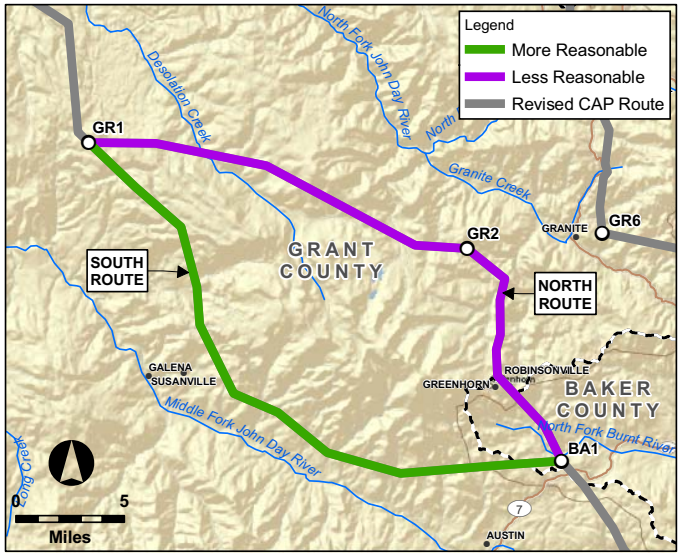
MITIGATION COST



- 2 ROUTES WERE CONSIDERED: NORTH ROUTE (GR1-GR2-BA1) AND SOUTH ROUTE (GR1-BA1)

- THE SOUTH ROUTE IS THE MORE REASONABLE ROUTE

SUMMARY



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

- Avoids Designated USFS Visual Quality Objective: Partial Retention
- Avoids 17 miles USFS Special Interest Area for Fish Management
- Crosses 12 fewer miles of High Construction Difficulty Area
- Old Growth Forest Areas will be avoided during micro-siting

BOARDMAN - HEMINGWAY
500kV TRANSMISSION LINE PROJECT
REVISION 1 - MARCH 2010

BLUE MOUNTAIN MILEAGE SUMMARY

	NORTH ROUTE (GR1-GR2-BA1)	**SOUTH ROUTE** (GR1-BA1)
	LENGTH IN MILES	
PERMITTING DIFFICULTY		
LOW	0.1	1.2
MODERATE	23.0	24.6
HIGH	5.4	3.5
EXCLUSION	1.8*	0.8*
CONSTRUCTION DIFFICULTY		
LOW	0.0	0.0
MODERATE	9.2	21.0
HIGH	21.0	9.1
MITIGATION COST		
LOW	26.8	23.7
MODERATE	0.1	3.7
HIGH	3.3	2.7

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

BLUE MOUNTAIN DATA TABLE

	Resource Group	Regulatory Criteria Description	Permitting Difficulty	Community Criteria*	NORTH ROUTE (GR1-GR2-BA1)	SOUTH ROUTE (GR1-BA1)
					LENGTH IN MILES	
				TOTAL LENGTH	30.2	30.1
1	Visual Resources	National Forest Visual Quality Objective: Maximum Modification	Opportunity		10.3	6.2
2	Visual Resources	National Forest Visual Quality Objective: Modification	Avoidance Mod		17.3	2.1
3	Visual Resources	National Forest Visual Quality Objective: Partial Retention	Avoidance High		3.5	-
4	Fish and Wildlife	ODFW Conservation Opportunity Area	Avoidance Low		12.9	14.0
5	Fish and Wildlife	ODFW Big Game Elk Winter Range	Avoidance Mod	CC	-	4.5
6	Fish and Wildlife	Prineville District Fish Restoration Area	Avoidance Mod		4.3	4.7
7	Fish and Wildlife	Prineville District Wildlife Habitat Seasonal Closure Area	Avoidance Mod		-	2.7
8	Fish and Wildlife	Sage-grouse Core Area 3: Non-Sagebrush Shrublands and Grasslands (Oregon)	Avoidance Low		29.9	30.1
9	Fish and Wildlife	Within 300ft Special Status Stream: Bull Trout	Avoidance Mod	CC	0.3 (2 crossings)	0.5 (3 crossings)
10	Fish and Wildlife	Within 300ft Special Status Stream: Chinook Salmon	Avoidance Mod	CC	0.2 (1 crossing)	0.4 (3 crossings)
11	Fish and Wildlife	Within 300ft Special Status Stream: Cutthroat Trout	Avoidance Mod	CC	0.5 (3 crossings)	-
12	Fish and Wildlife	Within 300ft Special Status Stream: Red Band Trout	Avoidance Mod	CC	1.4 (11 crossings)	2.1 (15 crossings)
13	Fish and Wildlife	Within 300ft Special Status Stream: Steelhead	Avoidance Mod	CC	1.5 (11 crossings)	2.0 (15 crossings)
14	Land Use	Exclusive Farm Use Zone/Multiple Use Range Zone	Avoidance High		0.4	5.7
15	Land Use	Forested Land: Private	Avoidance Mod		0.6	-
16	Land Use	Forested Land: Public	Avoidance Mod		26.7	21.1
17	Land Use	National Forest Old Growth Forest Stand**	Exclusion	CC	2.0	0.7
18	Land Use	National Forest: Special Interest Area	Avoidance Mod		17.0	-
19	Land Use	The Nature Conservancy: Portfolio	Avoidance Mod		5.8	15.2
20	Ownership	Private	Avoidance Low	CC	0.6	-
21	Ownership	U.S. Forest Service	Avoidance Low	CC	29.6	30.1
22	Geological Resources	Erosion Hazard: High (Prineville District, OR)	Avoidance Mod		8.6	6.4
23	Geological Resources	Within 500ft of Fault Line	Avoidance Low		0.5	-
24	Geological Resources	U.S. Geological Survey Active Mining Area	Avoidance High		0.1	-
25	Geological Resources	Oregon Landslide Feature: Landslide	Avoidance Mod		4.9	5.9
26	Slope	Slope 0-15%	Opportunity		9.8	12.5
27	Slope	Slope 15-25%	Avoidance Low		11.7	9.7
28	Slope	Slope 25-35%	Avoidance Mod		6.4	4.8
29	Slope	Slope >35%	Avoidance High		2.3	3.1
30	Water and Wetlands	National Wetland Inventory	Avoidance Mod	CC	-	-
31	Water and Wetlands	Oregon Watershed Restoration Inventory Project Area	Avoidance Low		-	13.3

** 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*