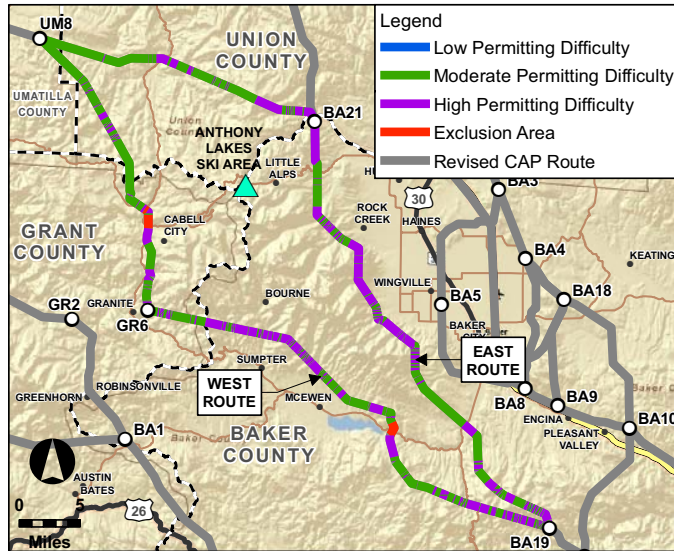
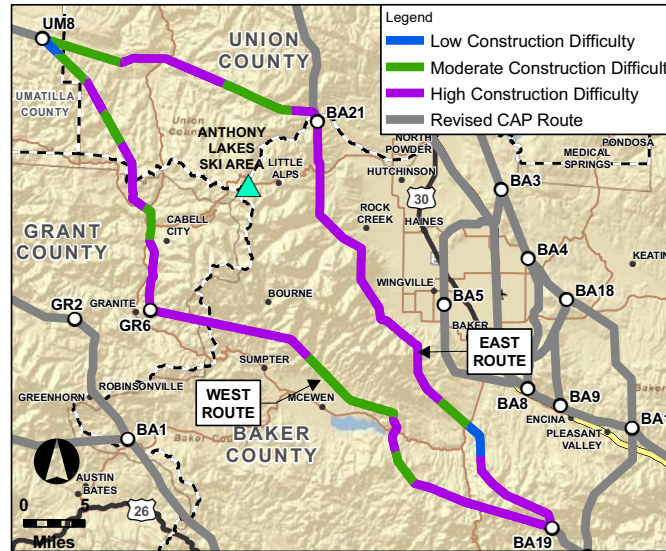


# CENTRAL PAT/GRANT PAT - ONION CREEK

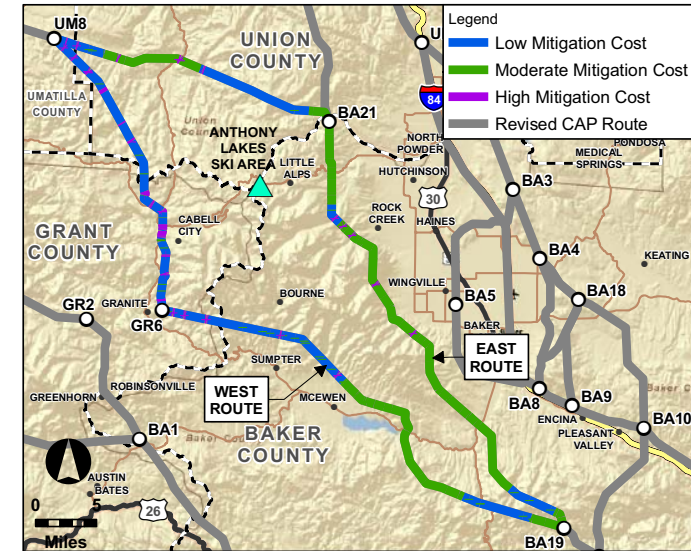
## PERMITTING DIFFICULTY



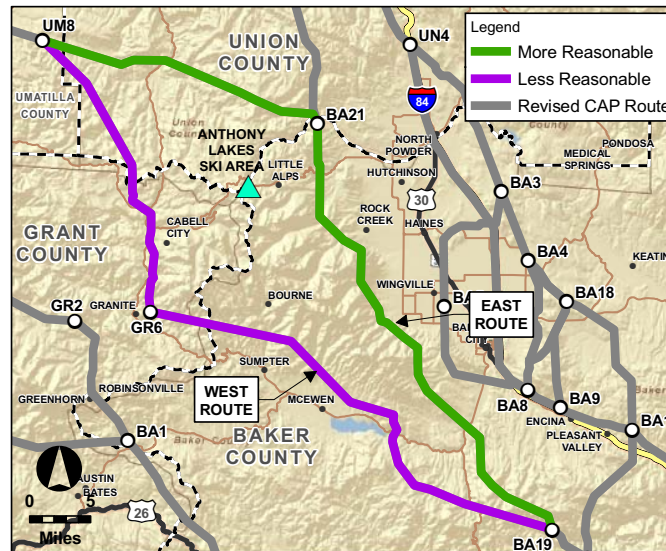
## CONSTRUCTION DIFFICULTY



## MITIGATION COST



## SUMMARY



- 2 ROUTES WERE CONSIDERED:  
EAST ROUTE (UM8-BA21-BA19) AND  
WEST ROUTE (UM8-GR6-BA19)

- THE WEST ROUTE IS NOT REASONABLE  
BECAUSE IT CROSSES DESIGNATED USFS  
VISUAL QUALITY OBJECTIVE RETENTION  
LANDS AND PARALLELS IN CLOSE  
PROXIMITY TO A NATIONALLY  
DESIGNATED SCENIC BYWAY

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

- Crosses 4.8 fewer miles of the 1200ft buffer of a Nationally Designated Scenic Byway
- Avoids 2.5 miles of Designated USFS Visual Quality Objective: Retention
- Crosses 1.2 fewer miles of Bull Trout Special Status Stream 300ft Buffer
- Crosses 1.1 fewer miles of Red Band Trout Special Status Stream 300ft Buffer
- Crosses 1.9 fewer miles of Steelhead Special Status Stream 300ft Buffer
- Crosses 0.5 fewer miles of a Wild and Scenic River designated Recreation
- Crosses 6.5 fewer miles of High Erosion Hazard Lands

### ONION CREEK MILEAGE SUMMARY

	EAST ROUTE (UM8-BA21-BA19)	WEST ROUTE (UM8-GR6-BA19)
	LENGTH IN MILES	
<b>PERMITTING DIFFICULTY</b>		
LOW	0.1	0.0
MODERATE	36.3	38.1
HIGH	30.2	25.9
EXCLUSION	0.0	2.6
<b>CONSTRUCTION DIFFICULTY</b>		
LOW	3.6	1.8
MODERATE	15.0	21.0
HIGH	48.0	43.7
<b>MITIGATION COST</b>		
LOW	19.3	44.0
MODERATE	45.7	18.7
HIGH	1.6	3.9

**ONION CREEK DATA TABLE**

Resource Group	Regulatory Criteria Description	Permitting Difficulty	Community Criteria*	EAST ROUTE	WEST ROUTE	
				(UM8-BA21-BA19)	(UM8-GR6-BA19)	
				LENGTH IN MILES		
TOTAL LENGTH				66.6	66.6	
1	Visual Resources	Within 1200ft Nationally Designated Scenic Byway	Avoidance Mod	CC	1.2	6.0
2	Visual Resources	National Forest Visual Quality Objective: Maximum Modification	Opportunity		2.4	1.7
3	Visual Resources	National Forest Visual Quality Objective: Modification	Avoidance Mod		18.5	43.5
4	Visual Resources	National Forest Visual Quality Objective: Partial Retention	Avoidance High		12.7	11.2
5	Visual Resources	National Forest Visual Quality Objective: Retention	Exclusion	CC	-	2.5
6	Visual Resources	National Forest Visual Quality Objective: Preservation	Exclusion	CC	-	0.1
7	Visual Resources	BLM Visual Resource Management Class 2 (Baker RMP)	Avoidance High		1.0	-
8	Fish and Wildlife	ODFW Conservation Opportunity Area	Avoidance Low		17.1	8.7
9	Fish and Wildlife	ODFW Big Game Deer Winter Range	Avoidance Mod	CC	36.2	8.5
10	Fish and Wildlife	ODFW Big Game Elk Winter Range	Avoidance Mod	CC	42.1	12.7
11	Fish and Wildlife	Prineville District Fish Restoration Area	Avoidance Mod		-	3.3
12	Fish and Wildlife	Sage-grouse Core Area 1: Sagebrush Habitat (Oregon)	Avoidance Mod		1.6	-
13	Fish and Wildlife	Sage-grouse Core Area 2: Potential Habitat (Oregon)	Avoidance Low		9.5	3.6
14	Fish and Wildlife	Sage-grouse Core Area 3: Non-Sagebrush Shrublands and Grasslands (Oregon)	Avoidance Low		53.7	56.3
15	Fish and Wildlife	Within 300ft Special Status Stream: Bull Trout	Avoidance Mod	CC	1.2 (4 crossings)	2.4 (5 crossings)
16	Fish and Wildlife	Within 300ft Special Status Stream: Chinook Salmon	Avoidance Mod	CC	0.3 (2 crossings)	0.2 (2 crossings)
17	Fish and Wildlife	Within 300ft Special Status Stream: Red Band Trout	Avoidance Mod	CC	-	1.1 (8 crossings)
18	Fish and Wildlife	Within 300ft Special Status Stream: Steelhead	Avoidance Mod	CC	0.7 (5 crossings)	2.6 (15 crossings)
19	Land Use	Cropland/Irrigated Agriculture	Avoidance High		0.5	1.1
20	Land Use	Exclusive Farm Use Zone/Multiple Use Range Zone	Avoidance High		8.3	-
21	Land Use	Grazing/Pasture - OR	Avoidance Low		11.6	2.6
22	Land Use	Forested Land: Private	Avoidance Mod		17.6	4.9
23	Land Use	Forested Land: Public	Avoidance Mod		33.5	49.1
24	Land Use	The Nature Conservancy: Portfolio	Avoidance Mod		27.1	19.2
25	Land Use	BLM Wild and Scenic River: Recreation	Avoidance High		0.7	1.2
26	Ownership	Bureau of Land Management	Avoidance Low	CC	3.3	0.4
27	Ownership	Private	Avoidance Low	CC	27.8	7.0
28	Ownership	U.S. Forest Service	Avoidance Low	CC	35.5	59.1
29	Geological Resources	Erosion Hazard: High (Prineville District, OR)	Avoidance Mod		-	6.5
30	Geological Resources	Erosion Hazard: Moderate (NRCS Soil Data - Grant Co, OR data n/a)	Avoidance Mod		3.3	0.2
31	Geological Resources	Erosion Hazard: Low (NRCS Soil Data - Grant Co, OR data n/a)	Avoidance Low		6.8	1.6
32	Geological Resources	Within 500ft of Fault Line	Avoidance Low		0.9	2.4
33	Geological Resources	Prime Farmland/Arable Land: Soils Class 1-4	Avoidance Mod	CC	23.5	10.6
34	Geological Resources	Oregon Landslide Feature: Fan	Avoidance Mod		0.5	0.7
35	Geological Resources	Oregon Landslide Feature: Landslide	Avoidance Mod		4.4	4.0
36	Geological Resources	Oregon Landslide Feature: Talus-Colluvium	Avoidance Mod		5.3	6.1
37	Slope	Slope 0-15%	Opportunity		19.9	23.2
38	Slope	Slope 15-25%	Avoidance Low		16.5	16.5
39	Slope	Slope 25-35%	Avoidance Mod		12.9	12.0
40	Slope	Slope >35%	Avoidance High		17.4	14.8
41	Water and Wetlands	Floodplain: Area Not Mapped	Avoidance Low		1.8	2.4
42	Water and Wetlands	Floodplain: Not in Flood Zone	Avoidance Low		21.8	11.8
43	Water and Wetlands	Floodplain: Zone A	Avoidance Mod		0.2	-
44	Water and Wetlands	National Wetland Inventory	Avoidance Mod	CC	0.5	0.3

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