

Resource Group		Resource Name	Proposed Compare to Horn Butte/Longhorn Alternatives (MO1-MO2-MO3)	Horn Butte Alternative (MO2-MO3)	Longhorn Alternative (MO4-MO3)
			Length in Miles		
Total Length			34.1	27.4	18.4
1	Cultural Resources	Within 1200ft Historic Trail Buffer	0.9	0.9	0.5
2	Cultural Resources	Intact Oregon Trail Segment (OR BLM)			0.5
3	Cultural Resources	Oregon Trail Brochure - Trailrut			0.5
4	Fish and Wildlife	USU Mule Deer Year Round Population	34.1	27.4	18.4
5	Fish and Wildlife	ODFW Conservation Opportunity Area	15.8	15.8	
6	Fish and Wildlife	2011 WAGS Field Survey 785ft Colony Buffer	1.1	1.1	
7	Land Use	DOD NWSTF Approach Zone Easement			2.9
8	Land Use	DOD Proposed Special Use Airspace			5.6
9	Land Use	DOD Special Use Airspace - MOA US 01110	24.5	17.7	17.5
10	Land Use	DOD Special Use Airspace - R5701 A			0.2
11	Land Use	DOD Special Use Airspace - R5701 B			7.5
12	Land Use	DOD Special Use Airspace - R5701 C			0.2
13	Land Use	DOD Special Use Airspace - R5701 D	1.6	0.7	
14	Land Use	DOD Special Use Airspace - R5701 E	10.0	4.1	
15	Land Use	DOD Special Use Airspace - R5706			6.6
16	Land Use	Exclusive Farm Use Zone/Multiple Use Range Zone	34.1	27.4	18.4
17	Land Use	USDA Cropland	22.7	20.8	9.1
18	Land Use	The Nature Conservancy: Portfolio	34.1	27.4	18.4
19	Land Use	Wind Farm Boundary	9.0	9.0	
20	Land Use	Within 500ft of Wind Turbine	0.7	0.7	0.5
21	Land Use	Wildland Urban Interface (OR)			9.6
22	Land Use	Fire Management Unit (OR)	34.1	27.4	18.4
23	Land Use	Fire Management Zone (OR)	34.1	27.4	18.4
24	Ownership	Bureau of Land Management			0.0
25	Ownership	Private Land	34.1	27.4	18.4
26	Geological Resources	Erosion Hazard: High (NRCS Soil Data)	24.3	24.3	0.8
27	Geological Resources	Erosion Hazard: Moderate (NRCS Soil Data)	9.1	2.3	7.2
28	Geological Resources	Erosion Hazard: Low (NRCS Soil Data)	0.7	0.7	10.4

29	Geological Resources	Oregon Landslide Feature: Fan	4.7	4.7	
30	Geological Resources	Prime Farmland/Arable Land: Soils Class 1-4	33.3	26.6	17.2
31	Geological Resources	OR Subsurface Rights - ALL	2.5	0.5	5.6
32	Geological Resources	OR Subsurface Rights - NON	31.6	26.9	12.8
33	Other Features	Within 500ft of Pipeline	0.3	0.3	0.2
34	Visual Resources	BLM Visual Resource Management Class 3 - OR			0.0
35	Visual Resources	Within 1200ft Nationally Designated Scenic Byway	1.0	1.0	
36	Water and Wetlands	Oregon Wetland	0.1	0.1	0.1
37	Water and Wetlands	Floodplain: Not in Flood Zone	33.2	26.4	17.3
38	Water and Wetlands	Floodplain: Zone A	1.0	1.0	1.1
39	Oregon Zoning	Zoning: Agriculture	34.1	27.4	18.4
40	Morrow County, OR Zoning	Morrow County: Exclusive Farm Use	33.9	27.1	17.7
41	Morrow County, OR Zoning	Morrow County: Port Industrial			0.5

Resource Group		Resource Name	Proposed Compare to Glass Hill Alternative (UN1-UN3)	Glass Hill Alternative (UN1-UN2-UN3)
			Length in Miles	
Total Length			7.5	7.5
1	Fish and Wildlife	ODFW Big Game Deer Winter Range	7.5	7.5
2	Fish and Wildlife	ODFW Big Game Elk Winter Range	7.5	7.5
3	Fish and Wildlife	USU Mule Deer Summer Range	1.0	3.4
4	Fish and Wildlife	USU Mule Deer Winter Concentration	6.5	4.2
5	Fish and Wildlife	USU Mule Deer Year Round Population	6.5	4.2
6	Fish and Wildlife	USFS Elk Summer Range Habitat	7.5	7.5
7	Fish and Wildlife	USFS Elk Winter Range Habitat	7.5	7.5
8	Fish and Wildlife	Within 0.75mi USFW Oregon GOEA	0.1	0.1
9	Land Use	Grazing Allotment (OR Mgmt Category: C)	0.7	1.6
10	Land Use	Wildland Urban Interface (OR)	1.5	0.2
11	Land Use	Fire Management Unit (OR)	7.5	7.5
12	Land Use	Fire Management Zone (OR)	7.5	7.5
13	Ownership	Bureau of Land Management	0.7	0.4
14	Ownership	Private Land	6.8	7.1
15	Geological Resources	Erosion Hazard: Moderate (NRCS Soil Data)	2.9	5.1
16	Geological Resources	Erosion Hazard: Low (NRCS Soil Data)	2.5	0.9
17	Geological Resources	Oregon Landslide Feature: Landslide	0.2	
18	Geological Resources	Prime Farmland/Arable Land: Soils Class 1-4	4.3	4.8
19	Geological Resources	OR Subsurface Rights - ALL	0.7	0.4
20	Geological Resources	OR Subsurface Rights - NON	6.8	7.1
21	Other Features	Within 500ft of Pipeline	0.6	
22	Visual Resources	BLM Visual Resource Management Class 3 - OR	0.7	0.4
23	Water and Wetlands	Oregon Wetland	0.0	0.0
24	Water and Wetlands	Oregon Wetland Soils	0.5	2.2
25	Water and Wetlands	Floodplain: Not in Flood Zone	7.5	7.5
26	Oregon Zoning	Zoning: Forest	7.5	7.5
27	Union County, OR Zoning	Union County: Timber Grazing A-4	7.5	7.5

Resource Group		Resource Name	Proposed Compare to Flagstaff Alternative (BA2-BA10-BA3)	Flagstaff Alternative and 230kV Rebuild (BA2-BA5-BA3; BA6-BA7)
			Length in Miles	
<i>Total Length</i>			14.2	15
1	Cultural Resources	Within 1200ft Historic Trail Buffer	0.5	0.5
2	Cultural Resources	Intact Oregon Trail Segment (OR BLM)	0.5	0.5
3	Cultural Resources	Oregon Trail Brochure - Trailrut	0.5	
4	Fish and Wildlife	ODFW Sage-grouse Habitat: Core Area	13.6	2.5
5	Fish and Wildlife	ODFW Sage-grouse Habitat: Core Area Low Density	0.5	1.1
6	Fish and Wildlife	ODFW Sage-grouse Lek 2-mile Buffer (OR 2011): Unoccupied Pending	0.6	0.1
7	Fish and Wildlife	ORBIC Sage-grouse	0.5	
8	Fish and Wildlife	ODFW Big Game Deer Winter Range	1.0	4.6
9	Fish and Wildlife	USU Mule Deer Year Round Population	13.1	11.2
10	Fish and Wildlife	ODFW wildlife linkage range buffers - Pronghorn Antelope	1.1	1.1
11	Fish and Wildlife	ODFW wildlife linkage priority total rank - 0	1.1	
12	Fish and Wildlife	ODFW wildlife linkage priority total rank - 1		0.9
13	Fish and Wildlife	ODFW wildlife linkage priority total rank - 2		0.2
14	Fish and Wildlife	Sage-grouse Action Area: Baker	14.2	5.1
15	Fish and Wildlife	ORBIC Golden Eagle Nest	2.3	1.0
16	Fish and Wildlife	Within 0.25mi USFW Oregon GOEA	1.7	0.2
17	Fish and Wildlife	Within 0.75mi USFW Oregon GOEA	8.0	7.3
18	Fish and Wildlife	ODFW Conservation Opportunity Area	0.1	5.0
19	Land Use	Exclusive Farm Use Zone/Multiple Use Range Zone	14.2	15.0
20	Land Use	USDA Cropland	0.0	2.0
21	Land Use	The Nature Conservancy: Portfolio	2.4	
22	Land Use	Virtue Flat OHV Park	0.1	
23	Land Use	Grazing Allotment (OR Mgmt Category: C)	5.4	7.4
24	Land Use	Grazing Allotment (OR Mgmt Category: I)	2.7	
25	Land Use	Grazing Allotment (OR Mgmt Category: M)	4.0	
26	Land Use	Fire Management Unit (OR)	14.2	15.0
27	Land Use	Fire Management Zone (OR)	14.2	15.0

28	Ownership	Bureau of Land Management	5.5	0.3
29	Ownership	Private Land	8.7	14.7
30	Geological Resources	Erosion Hazard: High (NRCS Soil Data)	0.4	0.0
31	Geological Resources	Erosion Hazard: Moderate (NRCS Soil Data)	11.6	11.7
32	Geological Resources	Erosion Hazard: Low (NRCS Soil Data)	2.2	3.3
33	Geological Resources	Prime Farmland/Arable Land: Soils Class 1-4	9.7	10.7
34	Geological Resources	OR Subsurface Rights - ALL	9.6	2.2
35	Geological Resources	OR Subsurface Rights - NON	4.7	12.8
36	Visual Resources	BLM Visual Resource Management Class 2 - OR	5.5	0.3
37	Visual Resources	Within 1200ft Nationally Designated Scenic Byway	1.1	1.5
38	Visual Resources	Proposed Baker County Viewshed Overlay	2.6	2.5
39	Water and Wetlands	Oregon Wetland	0.0	0.4
40	Oregon Zoning	Zoning: Agriculture	14.2	15.0
41	Baker County, OR Zoning	Baker County: Exclusive Farm Use	14.2	15.0
42	Baker County, OR Zoning	Baker County: Mining Extraction	0.3	

Resource Group		Resource Name	Proposed Compare to Timber Canyon Alternative (BA1-BA2-BA10-BA3-BA11- BA12-BA4)	Timber Canyon Alternative (BA1-CL6-CL7-BA4)
			Length in Miles	
Total Length			46.3	61.6
1	Cultural Resources	Vale District BLM Cultural Site		0.1
2	Cultural Resources	Within 1200ft Historic Trail Buffer	1.8	0.2
3	Cultural Resources	Intact Oregon Trail Segment (OR BLM)	1.0	
4	Cultural Resources	Oregon Trail Brochure - Trailrut	0.5	
5	Fish and Wildlife	2011 SAGR Field Survey Lek 2-miles Buffer: Occupied Pending	2.9	
6	Fish and Wildlife	ODFW Sage-grouse Habitat: Core Area	30.2	
7	Fish and Wildlife	ODFW Sage-grouse Habitat: Core Area Low Density	15.7	23.6
8	Fish and Wildlife	ODFW Sage-grouse Lek 2-mile Buffer (OR 2011): Occupied Pending	3.8	
9	Fish and Wildlife	ODFW Sage-grouse Lek 2-mile Buffer (OR 2011): Unoccupied Pending	9.2	
10	Fish and Wildlife	ORBIC Sage-grouse	1.8	
11	Fish and Wildlife	ODFW Big Game Deer Winter Range	17.5	28.7
12	Fish and Wildlife	ODFW Big Game Elk Winter Range		41.5
13	Fish and Wildlife	USU Mule Deer Summer Range		32.0
14	Fish and Wildlife	USU Mule Deer Winter Concentration	5.1	8.4
15	Fish and Wildlife	USU Mule Deer Winter Range	13.0	18.0
16	Fish and Wildlife	USU Mule Deer Year Round Population	28.8	11.6
17	Fish and Wildlife	USFS Elk Crucial Winter Range Habitat		1.2
18	Fish and Wildlife	USFS Elk Summer Range Habitat	4.0	39.7
19	Fish and Wildlife	USFS Elk Winter Range Habitat		14.0
20	Fish and Wildlife	ODFW wildlife linkage range buffers - Mule Deer		1.1
21	Fish and Wildlife	ODFW wildlife linkage range buffers - Pronghorn Antelope	1.1	
22	Fish and Wildlife	ODFW wildlife linkage priority total rank - 0	1.1	
23	Fish and Wildlife	ODFW wildlife linkage priority total rank - 3		1.1
24	Fish and Wildlife	Sage-grouse Action Area: Baker	46.3	30.9
25	Fish and Wildlife	ORBIC Golden Eagle Nest	3.1	0.8
26	Fish and Wildlife	Within 0.25mi USFW Oregon GOEA	2.6	
27	Fish and Wildlife	Within 0.75mi USFW Oregon GOEA	14.3	0.4

28	Fish and Wildlife	ODFW Conservation Opportunity Area	2.2	2.6
29	Land Use	Exclusive Farm Use Zone/Multiple Use Range Zone	46.3	29.3
30	Land Use	USDA Cropland	0.3	1.7
31	Land Use	Military Training Route	10.5	5.7
32	Land Use	The Nature Conservancy: Portfolio	4.1	6.3
33	Land Use	Virtue Flat OHV Park	0.1	
34	Land Use	Grazing Allotment (OR Mgmt Category: C)	19.0	22.3
35	Land Use	Grazing Allotment (OR Mgmt Category: I)	4.6	5.3
36	Land Use	Grazing Allotment (OR Mgmt Category: M)	7.5	
37	Land Use	WWNF Management Area 1: Timber Production		8.3
38	Land Use	WWNF Management Area 1W: Timber Management - Winter Range		3.2
39	Land Use	WWNF ROS Roded Natural		20.0
40	Land Use	WWNF Management Area 3: Wildlife/Timber: Big Game Winter Range		8.4
41	Land Use	WWNF Management Area 16: Administrative and Recreation Site Retention: Forshey Orchard		0.1
42	Land Use	Wildland Urban Interface (OR)		11.7
43	Land Use	Fire Management Unit (OR)	46.3	61.6
44	Land Use	Fire Management Zone (OR)	46.3	61.6
45	Land Use	Fire Management Zone (USFS)		19.6
46	Ownership	Bureau of Land Management	12.4	5.7
47	Ownership	Private Land	34.0	36.3
48	Ownership	U.S. Forest Service		19.6
49	Geological Resources	Erosion Hazard: High (NRCS Soil Data)	3.5	3.2
50	Geological Resources	Erosion Hazard: Moderate (NRCS Soil Data)	33.4	14.9
51	Geological Resources	Erosion Hazard: Low (NRCS Soil Data)	9.4	19.9
52	Geological Resources	Oregon Landslide Feature: Landslide		2.8
53	Geological Resources	Oregon Landslide Feature: Talus-Colluvium	0.9	
54	Geological Resources	Prime Farmland/Arable Land: Soils Class 1-4	33.7	26.5
55	Geological Resources	OR Subsurface Rights - ALL	18.0	30.9
56	Geological Resources	OR Subsurface Rights - GEO		0.3
57	Geological Resources	OR Subsurface Rights - NON	28.4	29.6
58	Geological Resources	OR Subsurface Rights - OGE		0.7
59	Visual Resources	BLM Visual Resource Management Class 2 - OR	6.6	5.7
60	Visual Resources	BLM Visual Resource Management Class 3 - OR	5.8	

61	Visual Resources	Within 1200ft Nationally Designated Scenic Byway	1.1	1.0
62	Visual Resources	National Forest Visual Quality Objective: Maximum Modification		4.2
63	Visual Resources	National Forest Visual Quality Objective: Modification		14.1
64	Visual Resources	National Forest Visual Quality Objective: Partial Retention		3.5
65	Visual Resources	National Forest Visual Quality Objective: Retention		0.4
66	Visual Resources	Proposed Baker County Viewshed Overlay	2.6	
67	Water and Wetlands	Oregon Wetland	0.2	0.7
68	Water and Wetlands	Oregon Wetland Soils		0.8
69	Water and Wetlands	Oregon Watershed Restoration Inventory Project Area	2.1	
70	Water and Wetlands	Floodplain: Not in Flood Zone		13.7
71	Water and Wetlands	Floodplain: Zone A		0.1
72	Oregon Zoning	Zoning: Agriculture	46.3	37.0
73	Oregon Zoning	Zoning: Forest		24.6
74	Union County, OR Zoning	Union County: Agriculture Grazing A-2		7.6
75	Union County, OR Zoning	Union County: Timber Grazing A-4		6.1
76	Baker County, OR Zoning	Baker County: Exclusive Farm Use	46.4	29.2
77	Baker County, OR Zoning	Baker County: Mining Extraction	0.3	
78	Baker County, OR Zoning	Baker County: Primary Forest		16.0
79	Baker County, OR Zoning	Baker County: Timber Grazing		2.6

Resource Group		Resource Name	Proposed Compare to Burnt River Mountain Alternative (BA12-BA4-BA13-BA20)	Burnt River Mountain Alternative (BA12-BA20)
			Length in Miles	
Total Length			16.8	16.8
1	Cultural Resources	Within 1200ft Historic Trail Buffer	1.9	1.2
2	Fish and Wildlife	ODFW Sage-grouse Habitat: Core Area	8.6	
3	Fish and Wildlife	ODFW Sage-grouse Habitat: Core Area Low Density	4.3	1.1
4	Fish and Wildlife	ODFW Sage-grouse Lek 2-mile Buffer (OR 2011): Unoccupied Pending	1.0	
5	Fish and Wildlife	ODFW Big Game Deer Winter Range	13.3	16.8
6	Fish and Wildlife	ODFW Big Game Elk Winter Range		2.7
7	Fish and Wildlife	USU Mule Deer Summer Range		2.4
8	Fish and Wildlife	USU Mule Deer Winter Concentration	9.2	10.7
9	Fish and Wildlife	USU Mule Deer Winter Range	16.8	14.4
10	Fish and Wildlife	USFS Elk Summer Range Habitat	5.2	
11	Fish and Wildlife	USFS Elk Winter Range Habitat		5.1
12	Fish and Wildlife	ODFW wildlife linkage range buffers - Mule Deer	1.6	1.0
13	Fish and Wildlife	ODFW wildlife linkage priority total rank - 4	0.2	0.2
14	Fish and Wildlife	ODFW wildlife linkage priority total rank - 5	0.7	0.6
15	Fish and Wildlife	ODFW wildlife linkage priority total rank - 6	0.5	
16	Fish and Wildlife	ODFW wildlife linkage priority total rank - 7	0.3	0.2
17	Fish and Wildlife	Sage-grouse Action Area: Baker	16.8	2.5
18	Fish and Wildlife	ORBIC Golden Eagle Nest	0.8	
19	Fish and Wildlife	Within 0.25mi USFW Oregon GOEA	0.5	
20	Fish and Wildlife	Within 0.75mi USFW Oregon GOEA	3.9	1.2
21	Fish and Wildlife	ODFW Conservation Opportunity Area	1.0	1.5
22	Land Use	Exclusive Farm Use Zone/Multiple Use Range Zone	16.8	16.1
23	Land Use	USDA Cropland	0.3	0.4
24	Land Use	Military Training Route	15.0	15.0
25	Land Use	The Nature Conservancy: Portfolio		0.5
26	Land Use	Grazing Allotment (OR Mgmt Category: C)	7.5	2.9
27	Land Use	Grazing Allotment (OR Mgmt Category: I)	2.6	4.6
28	Land Use	Grazing Allotment (OR Mgmt Category: M)	1.8	0.9

29	Land Use	Fire Management Unit (OR)	16.8	16.8
30	Land Use	Fire Management Zone (OR)	16.8	16.8
31	Ownership	Bureau of Land Management	6.3	4.6
32	Ownership	Private Land	10.5	12.2
33	Geological Resources	Erosion Hazard: High (NRCS Soil Data)	4.2	
34	Geological Resources	Erosion Hazard: Moderate (NRCS Soil Data)	8.9	8.3
35	Geological Resources	Erosion Hazard: Low (NRCS Soil Data)	3.7	8.4
36	Geological Resources	Oregon Landslide Feature: Fan		0.4
37	Geological Resources	Oregon Landslide Feature: Talus-Colluvium	1.3	1.5
38	Geological Resources	Prime Farmland/Arable Land: Soils Class 1-4	14.3	10.4
39	Geological Resources	OR Subsurface Rights - ALL	8.9	6.3
40	Geological Resources	OR Subsurface Rights - NON	7.9	10.6
41	Other Features	West-wide Energy Corridor	0.3	0.2
42	Other Features	Within 500ft of Pipeline	0.2	2.0
43	Visual Resources	BLM Visual Resource Management Class 2 - OR		1.6
44	Visual Resources	BLM Visual Resource Management Class 3 - OR	6.3	3.0
45	Water and Wetlands	Oregon Wetland	0.1	0.3
46	Water and Wetlands	Oregon Wetland Soils		0.4
47	Water and Wetlands	Oregon Watershed Restoration Inventory Project Area	0.1	0.4
48	Oregon Zoning	Zoning: Agriculture	16.8	16.1
49	Oregon Zoning	Zoning: Rural Industrial		0.7
50	Baker County, OR Zoning	Baker County: Exclusive Farm Use	16.8	16.8
51	Baker County, OR Zoning	Baker County: Industrial		0.8

Resource Group		Resource Name	Proposed Compare to Double Mountain Alternative (MA2-MA3)	Double Mountain Alternative (MA2-MA7-MA3)
			Length in Miles	
Total Length			7.4	7.4
1	Fish and Wildlife	ODFW Big Game Deer Winter Range	1.3	0.2
2	Fish and Wildlife	USU Mule Deer Limited Range	2.7	3.8
3	Fish and Wildlife	USU Mule Deer Year Round Population	4.7	3.5
4	Land Use	USDA Cropland	0.0	
5	Land Use	Military Training Route	5.2	1.5
6	Land Use	Grazing Allotment (OR Mgmt Category: M)	7.1	7.4
7	Land Use	SEORMP ROS Rural	6.2	
8	Land Use	SEORMP ROS Semiprimitive Motorized	0.0	4.5
9	Land Use	SEORMP ROS Semiprimitive Non-motorized	1.1	2.8
10	Land Use	Proposed Wilderness Study Area (ONDA)	0.0	3.7
11	Land Use	Vale District Wilderness Characteristic Unit: Meets Criteria		4.6
12	Land Use	Wildland Urban Interface (OR)	7.4	7.4
13	Land Use	Fire Management Unit (OR)	7.4	7.4
14	Land Use	Fire Management Zone (OR)	7.4	7.4
15	Ownership	Bureau of Land Management	1.2	7.4
16	Ownership	Private Land	6.2	
17	Geological Resources	OR Subsurface Rights - ALL	4.1	6.5
18	Geological Resources	OR Subsurface Rights - ALX	0.2	
19	Geological Resources	OR Subsurface Rights - NON	3.0	0.9
20	Visual Resources	BLM Visual Resource Management Class 4 - OR	1.2	7.4
21	Water and Wetlands	Oregon Wetland	0.1	0.0
22	Oregon Zoning	Zoning: Agriculture (Range)	7.4	7.4
23	Malheur County, OR Zoning	Malheur County: Agriculture (Range)	7.4	7.4

Resource Group	Resource Name	Proposed Compare to Malheur S & A Alternatives (MA1-MA2-MA3-MA4-MA5)	Malheur S Alternative (MA1-MA12-MA6-MA4-MA5)	Malheur A Alternative (MA1-MA12-MA6-MA9-MA11-MA5)
		Length in Miles		
Total Length		30.5	33.6	33.2
1	Fish and Wildlife	ODFW Sage-grouse Habitat: Core Area Low Density	5.4	5.4
2	Fish and Wildlife	ODFW Sage-grouse Lek 2-mile Buffer (OR 2011): Unoccupied Pending	3.8	
3	Fish and Wildlife	ODFW Big Game Deer Winter Range	19.8	15.1
4	Fish and Wildlife	USU Mule Deer Limited Range	9.9	19.9
5	Fish and Wildlife	USU Mule Deer Year Round Population	20.6	13.3
6	Fish and Wildlife	ODFW wildlife linkage range buffers - Mule Deer	1.0	1.0
7	Fish and Wildlife	ODFW wildlife linkage priority total rank - 6	0.2	0.2
8	Fish and Wildlife	ODFW wildlife linkage priority total rank - 7	0.8	0.8
9	Fish and Wildlife	Sage-grouse Action Area: Crowley		5.0
10	Fish and Wildlife	ORBIC Golden Eagle Nest		1.0
11	Fish and Wildlife	Within 0.25mi USFW Oregon GOEA		0.3
12	Fish and Wildlife	Within 0.75mi USFW Oregon GOEA		4.6
13	Fish and Wildlife	ODFW Conservation Opportunity Area	8.3	7.7
14	Land Use	Area of Critical Environmental Concern		2.4
15	Land Use	Exclusive Farm Use Zone/Multiple Use Range Zone	1.2	
16	Land Use	USDA Cropland	0.1	
17	Land Use	Military Training Route	28.4	25.5
18	Land Use	Special Recreation Management Area (Malheur RA, Vale District, OR)		2.4
19	Land Use	The Nature Conservancy: Portfolio	8.8	12.9
20	Land Use	Grazing Allotment (OR Mgmt Category: C)	2.4	
21	Land Use	Grazing Allotment (OR Mgmt Category: I)	10.2	15.1
22	Land Use	Grazing Allotment (OR Mgmt Category: M)	17.1	18.1
23	Land Use	SEORMP ROS Roaded Natural	3.5	4.1
24	Land Use	SEORMP ROS Rural	6.3	0.1
25	Land Use	SEORMP ROS Semiprimitive Motorized	18.4	20.3
26	Land Use	SEORMP ROS Semiprimitive Non-motorized	2.3	8.7

27	Land Use	Vale District Off-Highway Vehicle: Limited to Designated Routes	1.0	1.4	4.0
28	Land Use	Vale District Off-Highway Vehicle: Limited to Existing Routes	10.8	9.4	7.4
29	Land Use	Proposed Wilderness Study Area (ONDA)	2.2	11.3	12.0
30	Land Use	Wildland Urban Interface (OR)	30.5	33.6	33.2
31	Land Use	Fire Management Unit (OR)	30.5	33.6	33.2
32	Land Use	Fire Management Zone (OR)	30.5	33.6	33.2
33	Ownership	Bureau of Land Management	23.7	32.5	31.2
34	Ownership	Bureau of Reclamation	0.4	0.1	0.4
35	Ownership	Private Land	6.4	1.1	1.5
36	Ownership	Water		0.0	0.1
37	Geological Resources	Oregon Landslide Feature: Landslide		0.1	1.2
38	Geological Resources	U.S. Geological Survey Active Mining Area	0.2		
39	Geological Resources	OR Subsurface Rights - ALL	27.2	29.3	28.9
40	Geological Resources	OR Subsurface Rights - ALX	0.2		
41	Geological Resources	OR Subsurface Rights - NON	3.0	4.3	4.3
42	Geological Resources	OR Subsurface Rights - UND		0.0	0.1
43	Other Features	Vale District Utility Corridor	12.2	7.1	3.9
44	Other Features	West-wide Energy Corridor	0.7	3.4	3.4
45	Visual Resources	BLM Visual Resource Management Class 2 - OR	0.5	1.5	2.3
46	Visual Resources	BLM Visual Resource Management Class 3 - OR	2.8	2.5	2.5
47	Visual Resources	BLM Visual Resource Management Class 4 - OR	18.4	26.8	26.0
48	Water and Wetlands	NHD Stream/River	0.0		
49	Water and Wetlands	Oregon Wetland	0.2	0.2	0.1
50	Water and Wetlands	Wild and Scenic River - Suitable	1.0	1.0	1.1
51	Oregon Zoning	Zoning: Agriculture	1.2		
52	Oregon Zoning	Zoning: Agriculture (Range)	29.3	33.6	33.2
53	Malheur County, OR Zoning	Malheur County: Agriculture	1.2		
54	Malheur County, OR Zoning	Malheur County: Agriculture (Range)	29.3	33.6	33.2

Resource Group		Resource Name	Proposed Compare to Willow Creek and Tub Mountain South Alternatives (BA21-BA19-CL9-MA13-MA14-MA15)	Willow Creek Alterantive (BA21-BA19-CL11-MA16-MA14-MA15)	Tub Mountain South Alternative (BA21-CL12-MA15)
			Length in Miles		
Total Length			34.3	28.7	34.7
1	Cultural Resources	Within 1200ft Historic Trail Buffer			2.7
2	Cultural Resources	Intact Oregon Trail Segment (OR BLM)			2.9
3	Cultural Resources	Oregon Trail Brochure - Trailrut			0.5
4	Fish and Wildlife	ODFW Sage-grouse Habitat: Core Area	20.4	15.5	6.7
5	Fish and Wildlife	ODFW Sage-grouse Habitat: Core Area Low Density	13.9	6.0	1.9
6	Fish and Wildlife	ODFW Sage-grouse Lek 2-mile Buffer (OR 2011): Occupied Pending	3.2		
7	Fish and Wildlife	ORBIC Sage-grouse	3.6		
8	Fish and Wildlife	ODFW Big Game Deer Winter Range	20.2	23.6	31.2
9	Fish and Wildlife	ODFW Big Game Elk Winter Range	29.6	19.7	18.3
10	Fish and Wildlife	USU Mule Deer Winter Concentration	0.6	0.6	1.6
11	Fish and Wildlife	USU Mule Deer Winter Range	0.6	0.6	10.0
12	Fish and Wildlife	USU Mule Deer Year Round Population	33.8	28.2	24.7
13	Fish and Wildlife	ODFW wildlife linkage range - Whitetailed Jackrabbit	10.6		
14	Fish and Wildlife	ODFW wildlife linkage range buffers - Elk	1.6		
15	Fish and Wildlife	ODFW wildlife linkage range buffers - Mule Deer	1.6	1.1	1.1
16	Fish and Wildlife	ODFW wildlife linkage range buffers - Pronghorn Antelope	1.6		
17	Fish and Wildlife	ODFW wildlife linkage range buffers - White-tailed Jackrabbit	1.6		
18	Fish and Wildlife	ODFW wildlife linkage priority total rank - 4		1.1	
19	Fish and Wildlife	ODFW wildlife linkage priority total rank - 5	1.6		1.1
20	Fish and Wildlife	Sage-grouse Action Area: Bully Creek	16.0	4.8	1.4
21	Fish and Wildlife	Sage-grouse Action Area: Cow Valley	16.9	12.6	
22	Land Use	Exclusive Farm Use Zone/Multiple Use Range Zone	6.9	5.7	8.3
23	Land Use	USDA Cropland	0.0	2.0	2.8
24	Land Use	Military Training Route	4.6		
25	Land Use	The Nature Conservancy: Portfolio	3.2	2.3	12.9
26	Land Use	Grazing Allotment (OR Mgmt Category: C)	10.0	3.8	1.9

27	Land Use	Grazing Allotment (OR Mgmt Category: I)	10.1	14.0	19.7
28	Land Use	Grazing Allotment (OR Mgmt Category: M)	9.3	0.8	5.4
29	Land Use	SEORMP ROS Roaded Natural	2.8		0.8
30	Land Use	SEORMP ROS Rural	2.4	12.0	3.5
31	Land Use	SEORMP ROS Semiprimitive Motorized	13.8	10.9	21.8
32	Land Use	SEORMP ROS Semiprimitive Non-motorized	8.4		2.9
33	Land Use	Vale District Off-Highway Vehicle: Limited to Existing Routes		7.3	14.7
34	Land Use	Wildland Urban Interface (ID)			2.8
35	Land Use	Wildland Urban Interface (OR)	27.4	23.9	29.4
36	Land Use	Fire Management Unit (OR)	34.3	28.7	34.7
37	Land Use	Fire Management Zone (OR)	34.3	28.7	34.7
38	Ownership	Bureau of Land Management	19.4	14.5	25.6
39	Ownership	Private Land	12.0	14.3	9.1
40	Ownership	State Land	3.0		
41	Geological Resources	Erosion Hazard: High (NRCS Soil Data)	0.5	1.7	3.6
42	Geological Resources	Erosion Hazard: Moderate (NRCS Soil Data)	2.2	1.2	2.9
43	Geological Resources	Erosion Hazard: Low (NRCS Soil Data)	4.3	2.9	1.6
44	Geological Resources	Oregon Landslide Feature: Landslide			1.3
45	Geological Resources	Prime Farmland/Arable Land: Soils Class 1-4	2.0	2.9	6.5
46	Geological Resources	OR Subsurface Rights - ALL	25.2	18.3	23.7
47	Geological Resources	OR Subsurface Rights - ALX			1.9
48	Geological Resources	OR Subsurface Rights - NON	9.1	10.4	9.1
49	Other Features	Vale District Utility Corridor	1.7	3.5	10.0
50	Other Features	West-wide Energy Corridor			4.2
51	Other Features	Within 500ft of Pipeline			1.4
52	Visual Resources	BLM Visual Resource Management Class 3 - OR	1.0	1.3	9.1
53	Visual Resources	BLM Visual Resource Management Class 4 - OR	18.4	9.7	14.8
54	Water and Wetlands	Oregon Wetland	0.2	0.1	0.3
55	Water and Wetlands	Oregon Wetland Soils			0.1
56	Water and Wetlands	Oregon Watershed Restoration Inventory Project Area		0.3	
57	Oregon Zoning	Zoning: Agriculture	6.9	5.7	8.3
58	Oregon Zoning	Zoning: Agriculture (Range)	27.4	23.0	26.4
59	Baker County, OR Zoning	Baker County: Exclusive Farm Use	6.9	4.8	5.3
60	Malheur County, OR Zoning	Malheur County: Agriculture		1.0	3.0

61	Malheur County, OR Zoning	Malheur County: Agriculture (Range)	27.4	23.0	26.4
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