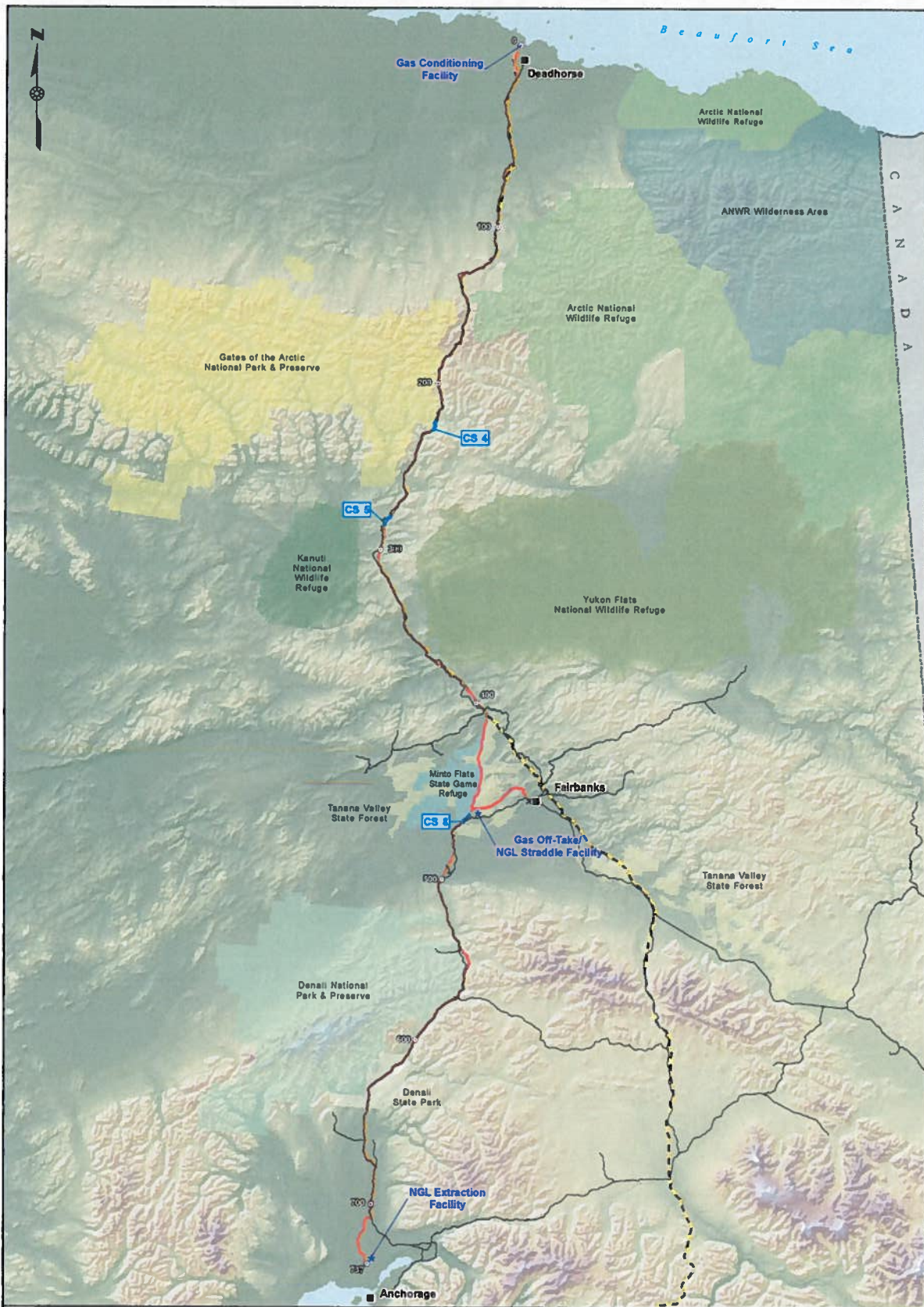




- Alaska Stand Alone Gas Pipeline Route
- Compressor Station Milepost Range
- CS 4 Compressor Station
- Trans Alaska Pipeline
- Alignment Milepost
- Road
- Town



ALASKA STAND ALONE GAS PIPELINE ROUTE
 Alaska Stand Alone Gas Pipeline/ASAP
 Plan of Development, Revision 1

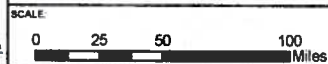


FIGURE
 2.0-1

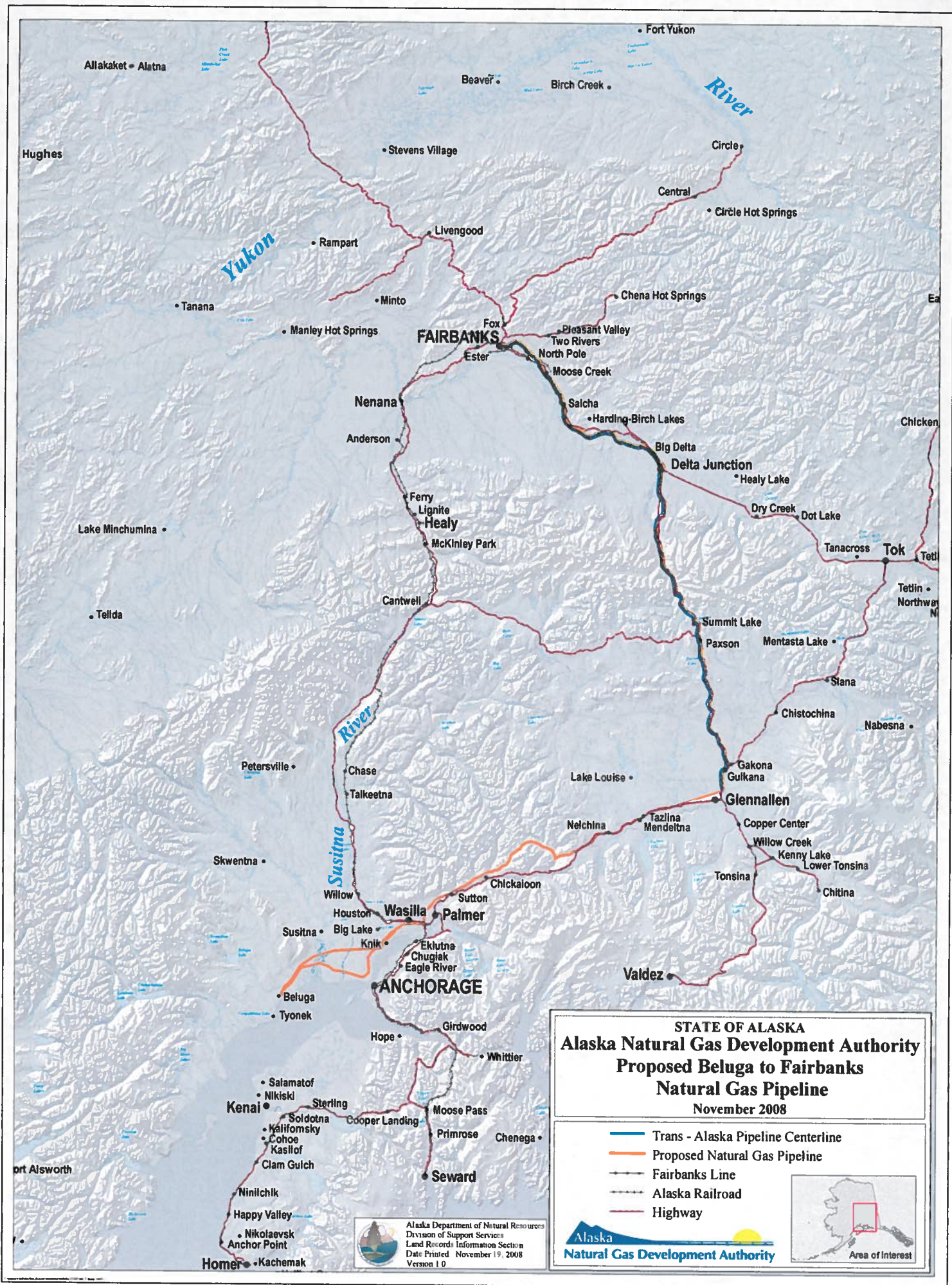


Table 2

Relative Comparison of Environmental and Special Areas Associated with In-State Gas Pipeline Route Alternatives

Project Elements	Parks Highway Stand Alone	Richardson Highway Stand Alone	Parks Highway Spur	Richardson Highway Spur
Special Areas				
Number / miles	38 / 630	50 / 670	23 / 365	21 / 365
National Park	1 / 7	None	1 / 7	None
Wild & Scenic River	None	2 / 50	None	2 / 50
Military	1 / 7	4 / 32	1 / 7	4 / 32
State Park / Rec. Area	3 / 50	3 / 25	3 / 50	3 / 25
State Game Area	3 / 60	3 / 55	2 / 20	3 / 55
Listed Threatened or Endangered Species				
Polar Bear (Critical Habitat miles)	43	43	None	None
Beluga Whale	None	None	None	None
Steller's Elder	None	None	None	None
Spectacled Elder	None	None	None	None
Wetlands				
Features / acres	593 / 1288	730 / 1735	294 / 456	191 / 394
Fish Stream Crossings				
Number	480	515	220	175
Waterfowl (Habitat miles)				
Concentration Area	200	250	170	130
Swans	50	65	50	65
Major Migration Route	50	135	50	75
Sharp-tailed Grouse	None	60	None	60
Raptor / Eagle nesting (habitat miles)	100	115	10	25
Moose (Habitat miles)				
Winter Concentration Area	211	425	70	335
Rutting Area	50	70	50	40
Calving Area	20	20	20	85
Dall Sheep				
Lambing (number / habitat miles)	24 / 80	29 / 135	1 / 7	6 / 65
Mineral Licks (number)	3	15	None known	10
Caribou (Habitat miles)				
Winter Concentration	85	195	13	125
Calving	15	85	None	70
Migration	180	270	5	100
Bison (Habitat miles)				
Movement Area	None	20	None	20
Calving	None	50	None	50
Bear (Habitat miles)				
Brown Bear Concentration	105	120	15	30
Black Bear Concentration	20	30	5	15
Human				
Recreation Sites (approximate number)	80	90	40	55
Scenic Areas (number)	50	80	20	15
Cultural Sites (number)	405	450	130	165
Unimproved / Primitive Route (miles traversed)	68	64	15	64
Subsistence (miles traversed)	540	560	265	325
Number of communities / combined population	33 / 372,600	47 / 380,900	23 / 367,500	20 / 319,100

Table 3 Estimated Number of Customers and Gas Demand for:

- Parks Highway and Richardson Highway Corridors
- Parks Highway Spur and Richardson Highway Spur Lines and Alaska-Canada Gasline

Corridor	Residential	Commercial	Utilities	Total
Parks Highway Stand Alone				
Customers	1,400	190	3	1,593
Demand (mmcf/d)	0.8	0.3	17.0	18.1
Richardson Highway Stand Alone				
Customers	2,300	280	2	2,582
Demand (mmcf/d)	1.3	0.6	0.5	2.4
Spur Lines and Alaska-Canada Gasline				
Parks Highway Spur / Alaska-Canada Gasline				
Customers	2,400	300	3	2,703
Demand (mmcf/d)	1.4	0.5	17.0	18.9
Richardson Highway Spur / Alaska-Canada Gasline				
Customers	2,300	280	2	2,582
Demand (mmcf/d)	1.3	0.6	0.5	2.4
Notes:				
1. Utility demand assumes that the coal-fired power plants at Healy, Clear Air Force Station, and Fort Greely would convert to gas. If they remain coal-fired, the utility demand for the Parks Highway corridor would be 0.0 and 0.03 mmcf/d for the Richardson Highway Corridor.				
2. Table does not include the number of customers and gas demand for the population centers (Anchorage/Cook Inlet area, Fairbanks) that would be served by either option.				
3. The Parks Highway Spur residential number includes people served along the mainline between Fairbanks and Delta Junction.				
Sources: Adapted from Alternative Analysis report (Northern Economics, adapted from ENSTAR, January 2009; Interior Issues Council, 2009, and Doyon Utilities, 2009.)				

Source: