

APPENDIX B

Habitat Loss by Alternative

Table B-1 provides estimates of direct loss (in acres) by alternative and road segment.

TABLE B-1 ESTIMATES OF DIRECT HABITAT LOSS (ACRES) FROM ROAD AND PATHWAY FEATURES BY ALTERNATIVE AND ROAD SECTION											
		Alternatives									
		Road Feature					Separated Pathways				
Road Segment	Habitat Type	1	2	3	3a	4	1	2	3	3a	4
Jackson to Antelope Flats	Aspen	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Barren	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.49	0.49	0.49
	Coniferous Forest	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Cottonwood	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.33	0.33	0.33
	Meadow	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.23	1.23	1.23
	Riparian	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.06	0.06
	Sagebrush	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.70	15.70	15.70
	Willow	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL		0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.81	17.81	17.81
Moose to Signal Mountain	Aspen	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.05	0.05
	Barren	0.00	12.29	7.20	3.51	0.00	0.00	0.00	1.02	1.40	1.56
	Coniferous Forest	0.00	0.31	0.31	0.30	0.00	0.00	0.00	0.73	1.20	6.14
	Cottonwood	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.44	0.44	0.44
	Meadow	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.56	0.68	0.68
	Riparian	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.22	0.22	0.22
	Sagebrush	0.00	0.58	0.18	0.04	0.00	0.00	0.00	17.79	24.04	25.37
	Willow	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.09	0.09
TOTAL		0.00	13.27	7.68	3.84	0.00	0.00	0.00	20.91	28.12	34.55



TABLE B-1
ESTIMATES OF DIRECT HABITAT LOSS (ACRES) FROM ROAD AND PATHWAY FEATURES
BY ALTERNATIVE AND ROAD SECTION

		Alternatives									
		Road Feature					Separated Pathways				
Road Segment	Habitat Type	1	2	3	3a	4	1	2	3	3a	4
Granite Canyon Entrance Station to Moose	Aspen	0.00	0.00	0.00	0.26	0.00	0.00	0.00	0.41	0.26	1.98
	Barren	0.00	0.00	0.04	0.04	0.04	0.00	0.00	0.13	3.64	0.28
	Coniferous Forest	0.00	0.00	0.33	0.33	0.33	0.00	0.00	2.28	1.10	3.56
	Cottonwood	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.07	0.10	0.07
	Meadow	0.00	0.00	0.07	0.07	0.07	0.00	0.00	0.29	0.90	0.64
	Riparian	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.02	0.07
	Sagebrush	0.00	0.00	3.49	3.49	3.49	0.00	0.00	2.89	2.10	7.26
	Willow	0.00	0.00	0.02	0.02	0.02	0.00	0.00	0.00	0.00	0.06
TOTAL		0.00	0.00	3.96	3.96	3.96	0.00	0.00	6.14	8.12	13.92
Jackson Lake Junc- tion to Colter Bay	Aspen	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.21
	Barren	0.00	0.00	3.42	3.78	0.00	0.00	0.00	0.00	0.36	0.46
	Coniferous Forest	0.00	0.00	0.34	1.18	0.00	0.00	0.00	0.00	2.06	5.31
	Cottonwood	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.19
	Meadow	0.00	0.00	0.03	0.13	0.00	0.00	0.00	0.00	0.00	0.00
	Riparian	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.02	0.20
	Sagebrush	0.00	0.00	0.17	0.10	0.00	0.00	0.00	0.00	3.67	3.73
	Willow	0.00	0.00	0.02	0.10	0.00	0.00	0.00	0.00	0.27	0.50
TOTAL		0.00	0.00	3.99	5.37	0.00	0.00	0.00	0.00	6.59	10.61



TABLE B-1
ESTIMATES OF DIRECT HABITAT LOSS (ACRES) FROM ROAD AND PATHWAY FEATURES
BY ALTERNATIVE AND ROAD SECTION

		Alternatives									
		Road Feature					Separated Pathways				
Road Segment	Habitat Type	1	2	3	3a	4	1	2	3	3a	4
Signal Mountain to Jackson Lake Junction	Aspen	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Barren	0.00	0.00	3.03	1.96	1.87	0.00	0.00	0.00	0.23	0.23
	Coniferous Forest	0.00	0.00	0.11	0.12	0.11	0.00	0.00	0.00	0.00	0.00
	Cottonwood	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Meadow	0.00	0.00	0.10	0.07	0.07	0.00	0.00	0.00	0.01	0.01
	Riparian	0.00	0.00	0.02	0.02	0.02	0.00	0.00	0.00	1.04	1.04
	Sagebrush	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Willow	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.92	0.92
TOTAL		0.00	0.00	3.31	2.18	2.07	0.00	0.00	0.00	2.21	2.21
Gros Ventre Junction to West Boundary	Aspen	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Barren	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00
	Coniferous Forest	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Cottonwood	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00
	Meadow	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Riparian	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Sagebrush	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.69	0.00
	Willow	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.85	0.00

TABLE B-1
ESTIMATES OF DIRECT HABITAT LOSS (ACRES) FROM ROAD AND PATHWAY FEATURES
BY ALTERNATIVE AND ROAD SECTION

		Alternatives									
		Road Feature					Separated Pathways				
Road Segment	Habitat Type	1	2	3	3a	4	1	2	3	3a	4
North Jenny Lake Junction to String Lake	Aspen	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Barren	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.26	0.00
	Coniferous Forest	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.93	0.00
	Cottonwood	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Meadow	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Riparian	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Sagebrush	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.67	0.00
	Willow	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.87	0.00
TOTAL FOR ALL ROAD SEGMENTS*		0.00	13.27	18.94	15.35	6.03	0.00	0.00	44.86	67.57	79.10
<i>*Total for acres lost for Alternative 1 0.00 Alternative 2 13.27 Alternative 3 63.80</i> <i> Alternative 3a 82.92 Alternative 4 85.13</i>											



Table B-2 provides the net change in the 75-meter and 400-meter zone of influence by alternative and road segment

TABLE B-2 NET CHANGE IN 75-METER AND 400-METER ZONE OF INFLUENCE (ACRES) FROM ROAD FEATURES AND SEPARATED PATHWAY FEATURES BY ALTERNATIVE AND ROAD SECTION											
		Alternatives									
		75-m ZOI					400-m ZOI				
Road Segment	Habitat Type	1	2	3	3a	4	1	2	3	3a	4
Jackson to Antelope Flats	Aspen	0.00	0.00	0.20	0.20	0.20	0.00	0.00	0.41	0.41	0.41
	Barren	0.00	0.00	0.66	0.66	0.66	0.00	0.00	0.84	0.84	0.84
	Coniferous Forest	0.00	0.00	0.32	0.32	0.32	0.00	0.00	0.85	0.85	0.85
	Cottonwood	0.00	0.00	1.39	1.39	1.39	0.00	0.00	2.05	2.05	2.05
	Meadow	0.00	0.00	3.05	3.05	3.05	0.00	0.00	5.48	5.48	5.48
	Riparian	0.00	0.00	0.12	0.12	0.12	0.00	0.00	1.72	1.72	1.72
	Sagebrush	0.00	0.00	41.17	41.17	41.17	0.00	0.00	37.21	37.21	37.21
	Willow	0.00	0.00	0.21	0.21	0.21	0.00	0.00	0.00	0.00	0.00
TOTAL		0.00	0.00	47.11	47.11	47.11	0.00	0.00	48.56	48.56	48.56
Moose to Signal Mountain	Aspen	0.00	0.03	0.48	0.48	0.48	0.00	0.13	0.00	0.00	0.00
	Barren	0.00	0.28	0.73	0.99	1.80	0.00	3.40	3.83	4.07	4.80
	Coniferous Forest	0.00	3.91	11.48	14.63	25.54	0.00	29.55	28.73	40.32	55.15
	Cottonwood	0.00	0.16	2.19	2.19	2.19	0.00	3.00	6.13	6.13	6.13
	Meadow	0.00	0.10	1.27	1.37	1.56	0.00	1.34	1.92	2.02	2.09
	Riparian	0.00	0.08	0.77	0.77	0.77	0.00	1.37	2.88	3.03	3.00
	Sagebrush	0.00	8.76	47.49	60.91	63.88	0.00	33.48	19.44	20.55	23.03
	Willow	0.00	0.06	0.46	0.46	0.46	0.00	0.25	0.51	0.51	0.51
TOTAL		0.00	13.39	64.87	81.81	96.68	0.00	72.51	63.43	76.64	94.71

TABLE B-2
NET CHANGE IN 75-METER AND 400-METER ZONE OF INFLUENCE (ACRES) FROM ROAD
FEATURES AND SEPARATED PATHWAY FEATURES BY ALTERNATIVE AND ROAD SECTION

		Alternatives									
		75-m ZOI					400-m ZOI				
Road Segment	Habitat Type	1	2	3	3a	4	1	2	3	3a	4
Granite Canyon Entrance Station to Moose	Aspen	0.00	0.00	1.69	0.55	1.59	0.00	0.00	2.47	0.54	1.36
	Barren	0.00	0.00	0.46	0.19	1.75	0.00	0.00	0.19	0.07	0.29
	Coniferous Forest	0.00	0.00	8.94	2.24	14.86	0.00	0.00	10.64	2.88	18.40
	Cottonwood	0.00	0.00	0.33	0.23	0.33	0.00	0.00	0.05	0.85	0.59
	Meadow	0.00	0.00	0.44	0.21	1.02	0.00	0.00	1.29	0.62	1.72
	Riparian	0.00	0.00	0.95	0.19	0.95	0.00	0.00	0.27	0.21	0.11
	Sagebrush	0.00	0.00	6.87	2.63	21.40	0.00	0.00	5.15	1.16	9.55
	Willow	0.00	0.00	0.02	0.64	2.34	0.00	0.00	0.27	0.05	2.22
TOTAL		0.00	0.00	19.76	6.24	44.31	0.00	0.00	23.38	7.15	37.31
Jackson Lake Junction to Colter Bay	Aspen	0.00	0.00	0.07	0.34	0.34	0.00	0.00	0.03	0.14	0.03
	Barren	0.00	0.00	0.15	1.38	1.60	0.00	0.00	0.39	2.21	3.05
	Coniferous Forest	0.00	0.00	1.94	10.04	14.30	0.00	0.00	2.09	11.99	15.14
	Cottonwood	0.00	0.00	0.06	0.21	0.37	0.00	0.00	0.15	1.38	2.01
	Meadow	0.00	0.00	0.06	0.54	0.49	0.00	0.00	0.21	0.55	0.70
	Riparian	0.00	0.00	0.16	0.65	1.09	0.00	0.00	0.19	0.71	0.97
	Sagebrush	0.00	0.00	1.37	8.78	9.32	0.00	0.00	0.61	3.51	3.39
	Willow	0.00	0.00	0.25	2.47	2.41	0.00	0.00	0.69	4.81	4.85
TOTAL		0.00	0.00	4.06	24.41	29.92	0.00	0.00	4.38	25.28	30.14



TABLE B-2
NET CHANGE IN 75-METER AND 400-METER ZONE OF INFLUENCE (ACRES) FROM ROAD
FEATURES AND SEPARATED PATHWAY FEATURES BY ALTERNATIVE AND ROAD SECTION

		Alternatives									
		75-m ZOI					400-m ZOI				
Road Segment	Habitat Type	1	2	3	3a	4	1	2	3	3a	4
Jackson Lake Junction	Aspen	0.00	0.00	0.05	0.05	0.05	0.00	0.00	0.05	0.00	0.00
	Barren	0.00	0.00	0.64	0.77	0.83	0.00	0.00	1.18	2.58	2.65
	Coniferous Forest	0.00	0.00	1.09	1.12	1.06	0.00	0.00	0.93	0.83	0.78
	Cottonwood	0.00	0.00	0.02	0.02	0.02	0.00	0.00	0.00	0.00	0.00
	Meadow	0.00	0.00	0.28	0.30	0.29	0.00	0.00	0.04	0.04	0.04
	Riparian	0.00	0.00	0.50	3.26	3.26	0.00	0.00	0.39	1.33	1.33
	Sagebrush	0.00	0.00	0.14	0.11	0.11	0.00	0.00	0.30	0.15	0.14
	Willow	0.00	0.00	0.60	2.92	2.92	0.00	0.00	0.39	3.33	3.33
TOTAL		0.00	0.00	3.32	8.55	8.53	0.00	0.00	3.28	8.26	8.27
Gros Ventre Junction to West Boundary	Aspen	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Barren	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.49	0.00
	Coniferous Forest	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Cottonwood	0.00	0.00	0.00	0.63	0.00	0.00	0.00	0.00	1.47	0.00
	Meadow	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Riparian	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00
	Sagebrush	0.00	0.00	0.00	4.02	0.00	0.00	0.00	0.00	0.63	0.00
	Willow	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL		0.00	0.00	0.00	4.65	0.00	0.00	0.00	0.00	2.66	0.00

TABLE B-2
NET CHANGE IN 75-METER AND 400-METER ZONE OF INFLUENCE (ACRES) FROM ROAD
FEATURES AND SEPARATED PATHWAY FEATURES BY ALTERNATIVE AND ROAD SECTION

		Alternatives									
		75-m ZOI					400-m ZOI				
Road Segment	Habitat Type	1	2	3	3a	4	1	2	3	3a	4
North Jenny Lake Junction to String Lake	Aspen	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Barren	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.62	0.00
	Coniferous Forest	0.00	0.00	0.00	2.52	0.00	0.00	0.00	0.00	1.08	0.00
	Cottonwood	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Meadow	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Riparian	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
	Sagebrush	0.00	0.00	0.00	4.92	0.00	0.00	0.00	0.00	1.98	0.00
	Willow	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL		0.00	0.00	0.00	7.47	0.00	0.00	0.00	0.00	3.68	0.00
TOTAL FOR ALL ROAD SEGMENTS		0.00	13.39	139.12	180.24	226.55	0.00	72.51	143.03	172.23	218.99



TABLE B-3 AREAS WITHIN 75-METER AND 400-METER ZONE OF INFLUENCE (ACRES) FROM EXISTING ROAD FEATURES BY ROAD SECTION		
Road Segment	75-m ZOI	400-m ZOI
South Boundary to Antelope Flats	588.7	3,086.0
Moose to North Jenny Lake	675.7	3,380.5
North Jenny Lake to Signal Mountain	439.8	2,257.9
Granite Canyon Entrance Station to Moose	501.0	2,362.6
Jackson Lake Junction to Colter Bay	346.1	1,819.2
Signal Mountain to Jackson Lake Junction	189.3	968.6
Gros Ventre Junction to West Boundary	56.8	284.6
North Jenny Lake Junction to String Lake	88.8	417.8
Colter Bay to Yellowstone National Park	1,082.2	5,606.9
Other Primary Roads	1,487.2	7,642.9
TOTAL	5,455.6	27,827.0

