

APPENDIX J: MAJOR MODIFICATIONS - DESCRIPTION, HABITAT SUITABILITY, AND QUANTIFICATION OF IMPACTS

Segment Location (Station End Points and Plate Numbers)	Length (Feet)	Right Bank	Left Bank	Existing Habitat for Giant Garter Snake	Maximum Acreage Permanent Impact Upland/Aquatic	Maximum Acreage Temporary Impact Upland/Aquatic
Upper Belding; 253+00 to 262+00; Plates 4.3, and 5.9 to 5.10	900			Suitable aquatic and upland	+0.10 / +0.37	-0.31 / -21.9
Upper Belding; 261+00 to 305+00; Plates 4.3, and 5.9 to 5.10	4,400	X	X	Suitable aquatic and upland; snakes observed in 2011	+0.32 / -2.12	-0.97 / -0.52
Lower Belding; 305+00 to 498+00; Plates 4.3 to 4.5, and 5.11 to 5.18	19,300	X		Marginal to suitable aquatic and upland	+0.89 / -0.26	-2.66 / -1.72
Lower Belding; 305+00 to 498+00; Plates 4.3 to 4.5, and 5.11 to 5.18	19,300		X	Marginal to suitable aquatic and upland	+0.87 / -1.09	-2.66 / -1.27
Schwind; 10+00 to 119+00; Plates 4.5 to 4.6, and 5.18 to 5.22	10,900	X		Marginal to suitable aquatic and upland	+0.50 / 0.00	-1.50 / -0.35
Schwind; 10+00 to 119+00; Plates 4.5 to 4.6, and 5.18 to 5.22	10,900		X	Marginal to suitable aquatic and upland	+0.50 / -0.31	-1.50 / -0.33
Traynor; 0+00 to 40+00; Plates 4.3 / 4.7, and 5.11 / 5.23	4,000	X	X	Suitable aquatic and upland	+0.22 / -1.32	-0.67 / -0.83
Traynor; 40+00 to 101+50; Plates 4.7, and 5.23 to 5.26	6,150	X		Marginal to suitable aquatic and upland	-0.71 / -1.41	-0.85 / -1.13
Traynor; 40+00 to 158+00; Plates 4.7 to 4.8, and 5.23 to 5.28	11,800		X	Marginal to suitable aquatic and upland	-3.96 / -1.96	-1.63 / -2.17
Traynor; 158+00 to 186+00; Plates 4.8, and 5.28 to 5.29	2,800		X	Marginal aquatic and upland	-0.20 / -0.53	-0.38 / -0.51

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Traynor; 158+00 to 186+00; Plates 4.8, and 5.28 to 5.29	2,800	X		Marginal aquatic and upland	-0.10 / -0.27	-0.38 / 0.00
Cassady; 10+00 to 123+00; Plates 4.8 to 4.9, and 5.29 to 5.33	11,300	X		Marginal to suitable aquatic and upland	-0.12 / -1.18	-1.56 / -2.08
Cassady; 10+00 to 123+00; Plates 4.8 to 4.9, and 5.29 to 5.33	11,300		X	Marginal to suitable aquatic and upland	+0.08 / -2.04	-1.56 / -2.08
Cassady; 123+00 to 174+51; Plates 4.9 / 4.6, and 5.33 to 5.35	5,156	X	X	Marginal to suitable aquatic and upland	+0.14 / 0.00	-1.42 / 0.00
Rising River; 11+00 to 87+53; Plates 4.8 to 4.9, 5.29, and 5.36 to 5.37	7,653	X		Marginal to suitable aquatic and upland	+0.35 / -1.38	-1.05 / -1.41
Rising River; 11+00 to 80+00; Plates 4.8 to 4.9, 5.29, and 5.36 to 5.37	7,653		X	Marginal aquatic and upland	+0.35 / -1.44	-1.05 / -1.27