

Direct Disturbance				
Secondary Roads	Within Occupied Range		Intersect: Breeding Distribution	
Management Zone	Acres	%	Acres	%
MZ I	204,133	0.4	40,774	0.4
MZ II	199,669	0.5	63,078	0.5
MZ II	117,263	0.4	37,572	0.4
MZ IV	179,155	0.5	45,714	0.4
MZ V	133,846	0.7	17,398	0.5
MZ VI	25,042	0.9	10,769	1.0
MZ VII	7,553	0.6	1,485	0.9
Range wide ¹	866,661	0.499	216,791	0.5

¹ All range wide calculations will not include Bi-State population or the Canadian portion of the range.



Indirect Disturbance¹				
Secondary Roads	Within Occupied Range		Intersect: Breeding Distribution	
Management Zone	Acres	%	Acres	%
MZ I				
MZ II				
MZ III				
MZ IV				
MZ V				
MZ VI				
MZ VII				
Range wide ²	0	0.0	0	0.0

¹ Indirect 500m radius buffer around Secondary Roads (Bradley et al. 2010; invasive spread). A Noise buffer **was not selected for secondary roads based on the reduced frequency and volume of traffic on those roads**.

² All range wide calculations will not include Bi-State population or the Canadian portion of the range.

Intersect: Population Index

%

0.5

0.5

0.4

0.4

0.5

0.9



Intersect: Population Index

%















OBJECTID	Road_Class	Mgmt_zone	ST_MZ_Ac	shape_Leng	shape_Area	range_Hecta	Range_Acres
1	Surface Str	MZ I	46080299	1.01E+08	6.29E+08	62932.8	155510.3381
2	Surface Str	MZ I	46080299	31652803	1.97E+08	19676.99	48622.89632

OBJECTID	Road_Class	Mgmt_zone	ST_MZ	Achape_Leng	Shape_Area	Range_Hectare	Range_Acres
1	Surface Str	MZ II	37021278	34065743	2.12E+08	21185.14	52349.61792
2	Surface Str	MZ II	37021278	38732640	2.41E+08	24071.49	59481.93986
3	Surface Str	MZ II	37021278	10165013	63231255	6323.126	15624.78346
4	Surface Str	MZ II	37021278	22205905	1.38E+08	13815.76	34139.47742
5	Surface Str	MZ II	37021278	24832789	1.54E+08	15407.7	38073.2472

OBJECTID	DOAD_CLAS	Mgmt_zone	ST_MZ_Achape_Leng	Shape_Are	nge_Hecta	Range_Acres
1	Surface Str	MZ III	28803339	76338645	4.75E+08	47454.63
						117262.9525

OBJECTID	OAD_CLAS	Igmt_zone	ST_MZ_Achape_Leng	shape_Are	ange_Hecta	Range_Acres
1	Surface Str	MZ IV	38637313	40141341	2.49E+08	24907.58
2	Surface Str	MZ IV	38637313	76533633	4.76E+08	47594.01

OBJECTID	DOAD_CLAS	Igmt_zone	ST_MZ_Achape_Leng	Shape_Are	nge_Hecta	Range_Acres
1	Surface Str	MZ V	19346653	86967125	5.42E+08	54165.41
						133845.6373

OBJECTID	Road_Class	Mgmt_zone	ST_MZ_Achape_Length	Shape_Area	Range_Hectare	Range_Acres
1	Surface Str	MZ VI	2757910	16291032	1.01E+08	10134.3
						25042.40819

OBJECTID	Road_Class	Mgmt_zone	ST_MZ_Achape_Leng	Shape_Are	Range_Hecta	Range_Acres
1	Surface Str	MZ VII	1180428	4916976	30565218	3056.522
						7552.829936
						866,661

Management_Zone	nt_Range	t_Range	Percent
MZ I	155510.3	0.337477	
MZ I	48622.9	0.105518	

Management_Zone	nt_Range	t_Range	Percent
MZ II	52349.62	0.141404	
MZ II	59481.94	0.16067	
MZ II	15624.78	0.042205	
MZ II	34139.48	0.092216	
MZ II	38073.25	0.102842	

Management_Zone	nt_Range	t_Range	Percent
MZ III	117263	0.407116	

Management_Zone	nt_Range	t_Range	Percent
MZ IV	61547.98	0.159297	
MZ IV	117607.3	0.304388	

Management_Zone	nt_Range	t_Range	Percent
MZ V	133845.6	0.691828	

Management_Zone	nt_Range	t_Range	Percent
MZ VI	25042.41	0.908021	

Management_Zone	nt_Range	t_Range	Percent
MZ VII	7552.83	0.639838	

OBJECTID	Road_Class	Mgmt_zones	FIRST_MZ_Acres
1	Surface Streets	MZ I	10312900.78

OBJECTID	Road_Class	Mgmt_zones	FIRST_MZ_Acres
1	Surface Street	MZ II	11908197.73

OBJECTID	ROAD_CLASS	Mgmt_zones	FIRST_MZ_Acres
1	Surface Street	MZ III	8471599.596

OBJECTID	ROAD_CLASS	Mgmt_zones	FIRST_MZ_Acres
1	Surface Street	MZ IV	11541296.05

OBJECTID	ROAD_CLASS	Mgmt_zones	FIRST_MZ_Acres
1	Surface Street	MZ V	3463986.491

OBJECTID	Road_Class	Mgmt_zones	FIRST_MZ_Acres
1	Surface Street	MZ VI	1102989.484

OBJECTID	Road_Class	Mgmt_zones	FIRST_MZ_Acres
1	Surface Street	MZ VII	161337.6731

Shape_Length	Shape_Area
26676664.52	165005582.9

Shape_Length	Shape_Area
41229291.52	255267670.9

Shape_Length	Shape_Area
24517452.62	152048625.9

Shape_Length	Shape_Area
29888536.92	184998254.8

Shape_Length	Shape_Area
11398103.71	70407499.84

Shape_Length	Shape_Area
7021951.415	43581823.77

Shape_Length	Shape_Area
970303.1352	6010931.1

Distribution_Hectares	Distribution_Acres
16500.55829	40773.76751

Distribution_Hectares	Distribution_Acres
25526.76709	63078.0152

Distribution_Hectares	Distribution_Acres
15204.86259	37572.03371

Distribution_Hectares	Distribution_Acres
18499.82548	45714.06432

Distribution_Hectares	Distribution_Acres
7040.749984	17398.07211

Distribution_Hectares	Distribution_Acres
4358.182377	10769.30319

Distribution_Hectares	Distribution_Acres
601.09311	1485.333422
	216,791

Management_Zone	ibution_Percent
MZ I	0.395367

Management_Zone	ibution_Percent
MZ II	0.529702

Management_Zone	ibution_Percent
MZ III	0.443506

Management_Zone	ibution_Percent
MZ IV	0.396091

Management_Zone	ibution_Percent
MZ V	0.502256

Management_Zone	ibution_Percent
MZ VI	0.976374

Management_Zone	ibution_Percent
MZ VII	0.920636

OBJECTID	ROAD_CLASS	ONE_COD	COUNT	AREA	SUM	mPopIndx	PercPopInc
1	Surface Streets mz 1	1	57335	8.26E+08	1407.547	302415.6	0.465435

OBJECTID	ROAD_CLASS	ONE_COD	COUNT	AREA	SUM	mPopIndx	PercPopInc
1	Surface Street mz 2	1	56281	8.1E+08	2773.366	519015.6	0.534351

OBJECTID	ROAD_CLASS	ONE_COD	COUNT	AREA	SUM	mPopIndx	PercPopInc
1	Surface Street mz 3	1	33107	4.77E+08	969.3315	223621.8	0.433469

OBJECTID	ROAD_CLASS	ONE_COD	COUNT	AREA	SUM	mPopIndx	PercPopInc
1	Surface Street mz4	1	50391	7.26E+08	1484.537	368616.1	0.402733

OBJECTID	ROAD_CLASS	ONE_COD	COUNT	AREA	SUM	mPopIndx	PercPopInc
1	Surface Street mz5	1	37477	5.4E+08	1222.455	260404.8	0.469444

OBJECTID	ROAD_CLASS	ONE_COD	COUNT	AREA	SUM	mPopIndx	PercPopInc
1	Surface Street mz6	1	7069	1.02E+08	542.8463	48986.14	1.108163

OBJECTID	ROAD_CLASS	ONE_COD	COUNT	AREA	SUM	mPopIndx	PercPopInc
1	Surface Street mz 7	1	2079	29937600	173.9979	18556.69	0.937656

utSumPopInd
1407.547

utSumPopInd
2773.366

utSumPopInd
969.3315

utSumPopInd
1484.537

utSumPopInd
1222.455

utSumPopInd
542.8463

utSumPopInd
173.9979

