

Waterfowl and Other Upland Wildlife Habitat

Total Study Area (acres) 35,459.77

Waterfowl Habitat (Acres in Corridor)

Total Study Area in Waterfowl Habitat (WFH) (acres) 13,033.69
 % of Study Area in WFH 36.76%

Alternative	Description	WFH in Corridor (ROW)	WFH in Corridor as % of Total Area of WFH
Northern	Whitney to North of Sankey	376.39	2.89%
Central	Whitney to Sankey	358.60	2.75%
	Whitney to North of Riego	407.39	3.13%
	Whitney to South of Riego	474.17	3.64%
	Sunset to Sankey	356.48	2.74%
	Sunset to North of Riego	403.95	3.10%
	Sunset to South of Riego	472.05	3.62%
Southern	Whitney to North of Riego	129.63	0.99%
	Whitney to South of Riego	189.17	1.45%
	Sunset to North of Riego	128.69	0.99%
	Sunset to South of Riego	187.06	1.44%

Upland Wildlife Habitat (Acres in Corridor) (Includes Swainson's Hawk Foraging Habitat)

Total Study Area in Upland Wildlife Habitat (UWH) (acres) 20,945.90
 % of Study Area in UWH 59.07%

Alternative	Description	UWH in Corridor (ROW)	UWH in Corridor as % of Total Area of UWH
Northern	Whitney to North of Sankey	843.69	4.03%
Central	Whitney to Sankey	956.41	4.57%
	Whitney to North of Riego	989.16	4.72%
	Whitney to South of Riego	961.02	4.59%
	Sunset to Sankey	884.05	4.22%
	Sunset to North of Riego	917.98	4.38%
	Sunset to South of Riego	888.25	4.24%
Southern	Whitney to North of Riego	1,417.67	6.77%
	Whitney to South of Riego	1,386.58	6.62%
	Sunset to North of Riego	1,329.15	6.35%
	Sunset to South of Riego	1,299.80	6.21%

Potential Special Status Species Habitat

Total Study Area (acres)

35,459.77

Giant Garter Snake Habitat (Acres in Corridor)

Total Study Area in Giant Garter Snake Habitat (GGSH) (acres)

7,254.39

% of Study Area in GGSH

20.46%

Alternative	Description	GGSH in Corridor (ROW)	GGSH in Corridor as % of Total Area of GGSH
Northern	Whitney to North of Sankey	118.74	1.64%
Central	Whitney to Sankey	163.64	2.26%
	Whitney to North of Riego	170.86	2.36%
	Whitney to South of Riego	194.92	2.69%
	Sunset to Sankey	163.64	2.26%
	Sunset to North of Riego	169.52	2.34%
	Sunset to South of Riego	194.92	2.69%
Southern	Whitney to North of Riego	171.58	2.37%
	Whitney to South of Riego	195.92	2.70%
	Sunset to North of Riego	171.58	2.37%
	Sunset to South of Riego	195.92	2.70%

Potential Swainson's Hawk Habitat (Acres in Corridor)

Total Study Area in Potential Swainson's Hawk Habitat (PSHH) (ac)

447.99

% of Study Area in PSHH

1.26%

Alternative	Description	PSHH in Corridor (ROW)	PSHH in Corridor as % of Total Area of PSHH
Northern	Whitney to North of Sankey	2.01	0.45%
Central	Whitney to Sankey	24.11	5.38%
	Whitney to North of Riego	7.13	1.59%
	Whitney to South of Riego	7.13	1.59%
	Sunset to Sankey	26.63	5.94%
	Sunset to North of Riego	9.66	2.16%
	Sunset to South of Riego	9.66	2.16%
Southern	Whitney to North of Riego	8.33	1.86%
	Whitney to South of Riego	8.33	1.86%
	Sunset to North of Riego	10.85	2.42%
	Sunset to South of Riego	10.85	2.42%

Potential Valley Elderberry Longhorn Beetle (VELB) Habitat (Acres in Corridor)

Total Study Area in VELB Habitat (acres)
 % of Study Area in VELB Habitat

368.37
 1.04%

Alternative	Description	VELB Habitat in Corridor (ROW)	VELB Habitat in Corridor as % of Total Area of VELB Habitat
Northern	Whitney to North of Sankey	0.00	0.00%
Central	Whitney to Sankey	23.44	6.36%
	Whitney to North of Riego	6.68	1.81%
	Whitney to South of Riego	6.68	1.81%
	Sunset to Sankey	25.96	7.05%
	Sunset to North of Riego	9.20	2.50%
Southern	Sunset to South of Riego	9.20	2.50%
	Whitney to North of Riego	3.70	1.00%
	Whitney to South of Riego	3.70	1.00%
	Sunset to North of Riego	6.22	1.69%
	Sunset to South of Riego	6.22	1.69%

Riparian, Wetland, and Conservation Areas

Total Study Area (acres)

35,459.77

Riparian Areas (Acres in Corridor)

Total Study Area in Riparian Areas (acres)

368.83

% of Study Area in Riparian Areas

1.04%

Alternative	Description	Riparian Areas in Corridor (ROW)	Riparian Areas in Corridor as % of Total Riparian Areas
Northern	Whitney to North of Sankey	0.00	0.00%
Central	Whitney to Sankey	23.35	6.33%
	Whitney to North of Riego	6.68	1.81%
	Whitney to South of Riego	6.68	1.81%
	Sunset to Sankey	25.87	7.01%
	Sunset to North of Riego	9.20	2.49%
	Sunset to South of Riego	9.20	2.49%
Southern	Whitney to North of Riego	3.70	1.00%
	Whitney to South of Riego	3.70	1.00%
	Sunset to North of Riego	6.22	1.69%
	Sunset to South of Riego	6.22	1.69%

Wetlands (Acres in Corridor)

Total Study Area in Wetlands (acres)

988.76

% of Study Area in Wetlands

2.79%

Alternative	Description	Wetlands in Corridor (ROW)	Wetlands in Corridor as % of Total Area of Wetlands
Northern	Whitney to North of Sankey	30.79	3.11%
Central	Whitney to Sankey	59.80	6.05%
	Whitney to North of Riego	45.71	4.62%
	Whitney to South of Riego	45.51	4.60%
	Sunset to Sankey	60.14	6.08%
	Sunset to North of Riego	46.04	4.66%
	Sunset to South of Riego	45.84	4.64%
Southern	Whitney to North of Riego	28.51	2.88%
	Whitney to South of Riego	28.48	2.88%
	Sunset to North of Riego	29.53	2.99%
	Sunset to South of Riego	29.50	2.98%

Conservation Areas (Acres in Corridor)

Total Study Area in Conservation Areas (CA) (acres)

521.80

% of Study Area in CA

0.01

Alternative	Description	CA in Corridor (ROW)	CA in Corridor as % of Total Area of CA
Northern	Whitney to North of Sankey	0.00	0.00%
Central	Whitney to Sankey	51.96	9.96%
	Whitney to North of Riego	59.93	11.49%
	Whitney to South of Riego	59.93	11.49%
	Sunset to Sankey	51.96	9.96%
	Sunset to North of Riego	59.93	11.49%
	Sunset to South of Riego	59.93	11.49%
Southern	Whitney to North of Riego	0.00	0.00%
	Whitney to South of Riego	0.00	0.00%
	Sunset to North of Riego	0.00	0.00%
	Sunset to South of Riego	0.00	0.00%

Vernal Pools

Total Study Area (acres) 35,459.77

Vernal Pool Critical Habitat (Acres in Corridor)

Total Study Area in Vernal Pool Critical Habitat (VPCH) (acres) 10,880.95
 % of Study Area in VPCH 30.69%

Alternative	Description	VPCH in Corridor (ROW)	VPCH in Corridor as % of Total Area of VPCH
Northern	Whitney to North of Sankey	759.57	6.98%
Central	Whitney to Sankey	599.88	5.51%
	Whitney to North of Riego	599.87	5.51%
	Whitney to South of Riego	600.38	5.52%
	Sunset to Sankey	520.58	4.78%
	Sunset to North of Riego	550.51	5.06%
	Sunset to South of Riego	520.70	4.79%
Southern	Whitney to North of Riego	973.37	8.95%
	Whitney to South of Riego	975.40	8.96%
	Sunset to North of Riego	866.72	7.97%
	Sunset to South of Riego	881.78	8.10%

Vernal Pool Complexes (Acres in Corridor)

Total Study Area in Vernal Pool Complexes (VPC) (acres) 5,380.49
 % of Study Area in VPC 15.17%

Alternative	Description	VPC in Corridor (ROW)	VPC in Corridor as % of Total Area of VPC
Northern	Whitney to North of Sankey	193.69	3.60%
Central	Whitney to Sankey	315.90	5.87%
	Whitney to North of Riego	371.13	6.90%
	Whitney to South of Riego	349.49	6.50%
	Sunset to Sankey	249.90	4.64%
	Sunset to North of Riego	305.42	5.68%
	Sunset to South of Riego	283.41	5.27%
Southern	Whitney to North of Riego	442.98	8.23%
	Whitney to South of Riego	417.68	7.76%
	Sunset to North of Riego	371.23	6.90%
	Sunset to South of Riego	346.90	6.45%

Socioeconomic Resources

Total Study Area (acres) 35,459.77

Residential Communities (Acres in Corridor)

Total Number of Residential Communities (RC) in the Study Area 8
 Total Study Area in RC (acres) 2,868.44
 % of Study Area in RC 8.09%

Alternative	Description	RC in Corridor (ROW)	RC in Corridor as % of Total RC	Number of RC in Corridor (ROW)
Northern	Whitney to North of Sankey	6.57	0.23%	1
Central	Whitney to Sankey	67.97	2.37%	1
	Whitney to North of Riego	31.16	1.09%	1
	Whitney to South of Riego	0.00	0.00%	0
	Sunset to Sankey	67.97	2.37%	1
	Sunset to North of Riego	31.24	1.09%	1
	Sunset to South of Riego	0.00	0.00%	0
Southern	Whitney to North of Riego	127.93	4.46%	2
	Whitney to South of Riego	131.37	4.58%	2
	Sunset to North of Riego	127.93	4.46%	2
	Sunset to South of Riego	131.37	4.58%	2

Employment Centers (Acres in Corridor)

Total Number of Employment Centers (EC) in the Study Area 7
 Total Study Area in EC (acres) 867.40
 % of Study Area in EC 2.45%

Alternative	Description	EC in Corridor (ROW)	EC in Corridor as % of Total EC	Number of EC in Corridor (ROW)
Northern	Whitney to North of Sankey	19.54	2.25%	1
Central	Whitney to Sankey	20.73	2.39%	2
	Whitney to North of Riego	32.42	3.74%	2
	Whitney to South of Riego	19.54	2.25%	1
	Sunset to Sankey	48.28	5.57%	2
	Sunset to North of Riego	59.97	6.91%	2
	Sunset to South of Riego	47.09	5.43%	1
Southern	Whitney to North of Riego	32.42	3.74%	2
	Whitney to South of Riego	19.54	2.25%	1
	Sunset to North of Riego	59.97	6.91%	2
	Sunset to South of Riego	47.09	5.43%	1

Homes, Farmsteads, and Businesses

Total Number of Homes, Farmsteads, and Businesses (HFB) in Study Area (excludes residential communities) 92

Alternative	Description	Number of HFB in Corridor (ROW)	Number of HFB in Corridor as % of Total Number of HFB
Northern	Whitney to North of Sankey	5	5.43%
Central	Whitney to Sankey	6	6.52%
	Whitney to North of Riego	2	2.17%
	Whitney to South of Riego	2	2.17%
	Sunset to Sankey	6	6.52%
	Sunset to North of Riego	2	2.17%

	Sunset to South of Riego	2	2.17%
Southern	Whitney to North of Riego	3	3.26%
	Whitney to South of Riego	3	3.26%
	Sunset to North of Riego	3	3.26%
	Sunset to South of Riego	3	3.26%

Municipal Facilities (Acres in Corridor)

Total Number of Municipal Facilities (MF) in the Study Area 4
 Total Study Area in MF (acres) 1942.37
 % of Study Area in MF 5.48%

Alternative	Description	MF in Corridor (ROW)	MF in Corridor as % of Total MF	Number of MF in Corridor (ROW)
Northern	Whitney to North of Sankey	40.22	2.07%	1
Central	Whitney to Sankey	45.72	2.35%	1
	Whitney to North of Riego	45.72	2.35%	1
	Whitney to South of Riego	45.72	2.35%	1
	Sunset to Sankey	45.72	2.35%	1
	Sunset to North of Riego	45.72	2.35%	1
	Sunset to South of Riego	45.72	2.35%	1
	Southern	Whitney to North of Riego	0.00	0.00%
	Whitney to South of Riego	0.00	0.00%	0
	Sunset to North of Riego	0.00	0.00%	0
	Sunset to South of Riego	0.00	0.00%	0

Community Services

Total Number of Community Services (CS) in Study Area 7

Alternative	Description	Number of CS in Corridor (ROW)	Number of CS in Corridor as % of Total Number of CS
Northern	Whitney to North of Sankey	0	0.00%
Central	Whitney to Sankey	0	0.00%
	Whitney to North of Riego	0	0.00%
	Whitney to South of Riego	0	0.00%
	Sunset to Sankey	0	0.00%
	Sunset to North of Riego	0	0.00%
	Sunset to South of Riego	0	0.00%
	Southern	Whitney to North of Riego	0
	Whitney to South of Riego	0	0.00%
	Sunset to North of Riego	0	0.00%
	Sunset to South of Riego	0	0.00%

Identified Cultural Resources

Total Study Area (acres)

35,459.77

Archaeological Resources

Total Number of Archaeological Resources (AR) in Study Area

24

Alternative	Description	Number of AR in Corridor (ROW)	Number of AR in Corridor as % of Total Number of AR
Northern	Whitney to North of Sankey	0	0.00%
Central	Whitney to Sankey	1	4.17%
	Whitney to North of Riego	1	4.17%
	Whitney to South of Riego	1	4.17%
	Sunset to Sankey	1	4.17%
	Sunset to North of Riego	1	4.17%
	Sunset to South of Riego	1	4.17%
Southern	Whitney to North of Riego	2	8.33%
	Whitney to South of Riego	2	8.33%
	Sunset to North of Riego	1	4.17%
	Sunset to South of Riego	1	4.17%

Architectural Resources and Bridges

Total Number of Architectural Resources Bridges (ARB) in Study Area

19

Alternative	Description	Number of ARB in Corridor (ROW)	Number of ARB in Corridor as % of Total Number of ARB
Northern	Whitney to North of Sankey	0	0.00%
Central	Whitney to Sankey	1	5.26%
	Whitney to North of Riego	1	5.26%
	Whitney to South of Riego	1	5.26%
	Sunset to Sankey	1	5.26%
	Sunset to North of Riego	1	5.26%
	Sunset to South of Riego	1	5.26%
Southern	Whitney to North of Riego	3	15.79%
	Whitney to South of Riego	3	15.79%
	Sunset to North of Riego	3	15.79%
	Sunset to South of Riego	3	15.79%

Historic Ranch Complexes

Total Number of Historic Ranch Complexes (HRC) in Study Area

2

Alternative	Description	Number of HRC in Corridor (ROW)	Number of HRC in Corridor as % of Total Number of HRC
Northern	Whitney to North of Sankey	0	0.00%
Central	Whitney to Sankey	0	0.00%
	Whitney to North of Riego	0	0.00%
	Whitney to South of Riego	0	0.00%
	Sunset to Sankey	0	0.00%
	Sunset to North of Riego	0	0.00%
	Sunset to South of Riego	0	0.00%
Southern	Whitney to North of Riego	1	50.00%
	Whitney to South of Riego	1	50.00%
	Sunset to North of Riego	1	50.00%
	Sunset to South of Riego	1	50.00%

Historic Linear Resources

Total Number of Historic Linear Resources (HLR) in Study Area

11

Alternative	Description	Number of HLR in Corridor (ROW)	Number of HLR in Corridor as % of Total Number of HLR
Northern	Whitney to North of Sankey	4	36.36%
Central	Whitney to Sankey	4	36.36%
	Whitney to North of Riego	4	36.36%
	Whitney to South of Riego	4	36.36%
	Sunset to Sankey	5	45.45%
	Sunset to North of Riego	5	45.45%
	Sunset to South of Riego	5	45.45%
Southern	Whitney to North of Riego	5	45.45%
	Whitney to South of Riego	5	45.45%
	Sunset to North of Riego	6	54.55%
	Sunset to South of Riego	6	54.55%

Historic District (Acres in Corridor)

Total Study Area in Historic District (HD) (acres)

7,565.92

% of Study Area in HD

21.34%

Alternative	Description	HD in Corridor (ROW)	HD in Corridor as % of Total Area of HD
Northern	Whitney to North of Sankey	127.66	1.69%
Central	Whitney to Sankey	182.66	2.41%
	Whitney to North of Riego	211.98	2.80%
	Whitney to South of Riego	238.10	3.15%
	Sunset to Sankey	182.66	2.41%
	Sunset to North of Riego	210.19	2.78%
	Sunset to South of Riego	238.26	3.15%
Southern	Whitney to North of Riego	212.87	2.81%
	Whitney to South of Riego	212.22	2.80%
	Sunset to North of Riego	213.16	2.82%
	Sunset to South of Riego	212.22	2.80%

Areas Previously Surveyed for Cultural Resources (Acres in Corridor)

Total Study Area in Previously Surveyed Areas (PSA) (acres)

11,093.90

% of Study Area in PSA

31.29%

Alternative	Description	PSA in Corridor (ROW)	PSA in Corridor as % of Total Area of PSA
Northern	Whitney to North of Sankey	434.43	3.92%
Central	Whitney to Sankey	544.61	4.91%
	Whitney to North of Riego	426.30	3.84%
	Whitney to South of Riego	565.57	5.10%
	Sunset to Sankey	561.39	5.06%
	Sunset to North of Riego	473.30	4.27%
	Sunset to South of Riego	585.12	5.27%
	Southern	Whitney to North of Riego	615.16
Whitney to South of Riego		734.32	6.62%
Sunset to North of Riego		607.65	5.48%
Sunset to South of Riego		736.74	6.64%

Floodplains

Total Study Area (acres) 35,459.77

FEMA 100-Year Floodplain (Acres in Corridor)

Total Study Area in FEMA 100-Year Floodplain (FEMA_100) (acr 8,652.59
 % of Study Area in FEMA_100 24.40%

Alternative	Description	FEMA_100 in Corridor (ROW)	FEMA_100 in Corridor as % of Total Area of FEMA_100
Northern	Whitney to North of Sankey	183.18	2.12%
Central	Whitney to Sankey	472.49	5.46%
	Whitney to North of Riego	225.08	2.60%
	Whitney to South of Riego	291.73	3.37%
	Sunset to Sankey	458.83	5.30%
	Sunset to North of Riego	211.84	2.45%
	Sunset to South of Riego	291.40	3.37%
Southern	Whitney to North of Riego	135.91	1.57%
	Whitney to South of Riego	206.87	2.39%
	Sunset to North of Riego	122.73	1.42%
	Sunset to South of Riego	191.50	2.21%

FEMA 500-Year Floodplain (Acres in Corridor)

Total Study Area in FEMA 500-Year Floodplain (FEMA_500) (acr 5,134.23
 % of Study Area in FEMA_500 14.48%

Alternative	Description	FEMA_500 in Corridor (ROW)	FEMA_500 in Corridor as % of Total Area of FEMA_500
Northern	Whitney to North of Sankey	124.42	2.42%
Central	Whitney to Sankey	53.59	1.04%
	Whitney to North of Riego	177.14	3.45%
	Whitney to South of Riego	141.06	2.75%
	Sunset to Sankey	53.13	1.03%
	Sunset to North of Riego	175.17	3.41%
	Sunset to South of Riego	140.63	2.74%
Southern	Whitney to North of Riego	180.62	3.52%
	Whitney to South of Riego	108.85	2.12%
	Sunset to North of Riego	180.79	3.52%
	Sunset to South of Riego	108.39	2.11%

Hazardous Material/Waste

Total Hazardous Waste (HW) Sites of Potential Concern in Study Area

4

Alternative	Description	Number of HW Sites in Corridor
Northern	Whitney to North of Sankey	0
Central	Whitney to Sankey	0
	Whitney to North of Riego	0
	Whitney to South of Riego	0
	Sunset to Sankey	0
	Sunset to North of Riego	0
	Sunset to South of Riego	0
Southern	Whitney to North of Riego	0
	Whitney to South of Riego	0
	Sunset to North of Riego	0
	Sunset to South of Riego	0

Farmland Designations

Total Study Area (acres)

35,459.77

Prime Farmland (Acres in Corridor)

Total Study Area in Prime Farmland (Prime_FA) (acres)

2,012.61

% of Study Area in Prime_FA

5.68%

Alternative	Description	Prime_FA in Corridor (ROW)	Prime_FA in Corridor as % of Total Area of Prime_FA
Northern	Whitney to North of Sankey	99.19	4.93%
Central	Whitney to Sankey	18.98	0.94%
	Whitney to North of Riego	23.68	1.18%
	Whitney to South of Riego	24.22	1.20%
	Sunset to Sankey	18.98	0.94%
	Sunset to North of Riego	23.68	1.18%
	Sunset to South of Riego	24.22	1.20%
Southern	Whitney to North of Riego	23.68	1.18%
	Whitney to South of Riego	24.15	1.20%
	Sunset to North of Riego	23.68	1.18%
	Sunset to South of Riego	24.15	1.20%

Farmland of Statewide Importance (Acres in Corridor)

Total Study Area in Farmland of Statewide Importance (FA_State)

9,605.42

% of Study Area in FA_State

27.09%

Alternative	Description	FA_State in Corridor (ROW)	FA_State in Corridor as % of Total Area of FA_State
Northern	Whitney to North of Sankey	218.46	2.27%
Central	Whitney to Sankey	237.59	2.47%
	Whitney to North of Riego	327.68	3.41%
	Whitney to South of Riego	392.89	4.09%
	Sunset to Sankey	236.44	2.46%
	Sunset to North of Riego	325.53	3.39%
	Sunset to South of Riego	395.57	4.12%
Southern	Whitney to North of Riego	170.37	1.77%
	Whitney to South of Riego	189.83	1.98%
	Sunset to North of Riego	172.47	1.80%
	Sunset to South of Riego	189.83	1.98%

Unique Farmland (Acres in Corridor)

Total Study Area in Unique Farmland (U_FA) (acres)
 % of Study Area in U_FA

2,012.61
 5.68%

Alternative	Description	U_FA in Corridor (ROW)	U_FA in Corridor as % of Total Area of U_FA
Northern	Whitney to North of Sankey	285.23	14.17%
Central	Whitney to Sankey	277.59	13.79%
	Whitney to North of Riego	226.81	11.27%
	Whitney to South of Riego	226.81	11.27%
	Sunset to Sankey	277.59	13.79%
	Sunset to North of Riego	226.80	11.27%
	Sunset to South of Riego	226.81	11.27%
Southern	Whitney to North of Riego	0.00	0.00%
	Whitney to South of Riego	0.00	0.00%
	Sunset to North of Riego	0.00	0.00%
	Sunset to South of Riego	0.00	0.00%

Farmland of Local Importance (Acres in Corridor)

Total Study Area in Farmland of Local Importance (FA_Local) (acr
 % of Study Area in FA_Local

12,829.62
 36.18%

Alternative	Description	FA_Local in Corridor (ROW)	FA_Local in Corridor as % of Total Area of FA_Local
Northern	Whitney to North of Sankey	532.24	4.15%
Central	Whitney to Sankey	597.19	4.65%
	Whitney to North of Riego	670.67	5.23%
	Whitney to South of Riego	671.18	5.23%
	Sunset to Sankey	644.37	5.02%
	Sunset to North of Riego	717.97	5.60%
	Sunset to South of Riego	717.98	5.60%
Southern	Whitney to North of Riego	1,075.45	8.38%
	Whitney to South of Riego	1,075.45	8.38%
	Sunset to North of Riego	1,102.38	8.59%
	Sunset to South of Riego	1,107.12	8.63%

Grazing Lands (Acres in Corridor)

Total Study Area in Grazing Lands (GL) (acres)
 % of Study Area in GL

3,261.04
 9.20%

Alternative	Description	GL in Corridor (ROW)	GL in Corridor as % of Total Area of GL
Northern	Whitney to North of Sankey	161.15	4.94%
Central	Whitney to Sankey	205.87	6.31%
	Whitney to North of Riego	166.11	5.09%
	Whitney to South of Riego	148.90	4.57%
	Sunset to Sankey	123.22	3.78%
	Sunset to North of Riego	83.84	2.57%
	Sunset to South of Riego	66.27	2.03%
Southern	Whitney to North of Riego	257.20	7.89%
	Whitney to South of Riego	262.17	8.04%
	Sunset to North of Riego	174.90	5.36%
	Sunset to South of Riego	179.52	5.50%