

Alternative 2	Description	Units	Unit Cost	Low Input/Output		Moderate Input/Output		High Input/Output	
				Quantity	Cost	Quantity	Cost	Quantity	Cost
Mixed Riparian Woodland									
Mobilization	Cost split evenly between all habitat types.	L.S.	\$5,000.00	1.00	\$5,000.00	1.00	\$5,000.00	1.00	\$5,000.00
Planting									
Cuttings	Collect and install 36" long pole cuttings	each	\$15.00	2,509.00	\$37,635.00				
Seeding	Seed cover crop	acre	\$1,000.00			23.04	\$23,040.00	23.04	\$23,040.00
Seedlings									
Deepot	Use for shrubs	each	\$22.00			10,036.00	\$220,792.00	5,018.00	\$110,396.00
1-Gallon Container	Use for trees	each	\$30.00					5,018.00	\$150,540.00
Plant Protection	Use plastic tree shelter, one per plant	each	\$1.50					10,036.00	\$15,054.00
Irrigation									
Irrigation Pump	Cost split evenly between all irrigated areas.	L.S.	\$5,000.00	1.00	\$5,000.00	1.00	\$5,000.00	1.00	\$5,000.00
Overhead Spray*	Use 6" rigid aluminum main line from pump to irrigated areas, 3" rigid aluminum lateral line, 27 impacts spray heads per acre, and 5 foot fixed riser assemblies with steel stakes.	acre	\$3,000.00	4.19	\$12,570.00	4.19	\$12,570.00	4.19	\$12,570.00
First Year	Includes maintenance for lines, spray heads, and portion of pump maintenance.	acre	\$200.00			4.19	\$838.00	4.19	\$838.00
Second Year	Includes maintenance for lines, spray heads, and portion of pump maintenance.	acre	\$200.00			4.19	\$838.00	4.19	\$838.00
Third Year	Includes maintenance for lines, spray heads, and portion of pump maintenance.	acre	\$200.00					4.19	\$838.00
Fourth Year	Includes maintenance for lines, spray heads, and portion of pump maintenance.	acre	\$200.00					4.19	\$838.00
Fifth Year	Includes maintenance for lines, spray heads, and portion of pump maintenance.	acre	\$200.00					4.19	\$838.00
Drip*	Use 2" PVC as main line from pump to irrigated areas, 1 1/4" PVC lateral line, pressure reducing drip assemblies, 1/2" polyethylene pipe, and an average of 2-1 gph emitters/plant								
Low		acre	\$2,679.00	18.85	\$50,499.15				
Moderate		acre	\$7,809.00			18.85	\$147,199.65		
High		acre	\$7,809.00					18.85	\$147,199.65
First Year	Includes maintenance for valves, lines, emitters, and portion of pump maintenance	acre	\$1,000.00			18.85	\$18,850.00	18.85	\$18,850.00
Second Year	Includes maintenance for valves, lines, emitters, and portion of pump maintenance	acre	\$1,000.00			18.85	\$18,850.00	18.85	\$18,850.00
Third Year	Includes maintenance for valves, lines, emitters, and portion of pump maintenance	acre	\$1,000.00					18.85	\$18,850.00
Fourth Year	Includes maintenance for valves, lines, emitters, and portion of pump maintenance	acre	\$1,000.00					18.85	\$18,850.00
Fifth Year	Includes maintenance for valves, lines, emitters, and portion of pump maintenance	acre	\$1,000.00					18.85	\$18,850.00
Maintenance									
Post-Installation Weeding	Spot spray problem weeds with herbicide	acre	\$50.00			23.04	\$1,152.00	23.04	\$1,152.00
Long-Term Weeding									
First Year	Spot spray problem weeds with herbicide	acre	\$25.00			23.04	\$576.00	23.04	\$576.00
Second Year	Spot spray problem weeds with herbicide	acre	\$25.00			23.04	\$576.00	23.04	\$576.00
Woody Non-Native Plant Control									
First Year	Remove with hand tools	acre	\$100.00			23.04	\$2,304.00	23.04	\$2,304.00
Second Year	Remove with hand tools	acre	\$100.00			23.04	\$2,304.00	23.04	\$2,304.00
Third Year	Remove with hand tools	acre	\$100.00			23.04	\$2,304.00	23.04	\$2,304.00
Fourth Year	Remove with hand tools	acre	\$100.00			23.04	\$2,304.00	23.04	\$2,304.00
Fifth Year	Remove with hand tools	acre	\$100.00			23.04	\$2,304.00	23.04	\$2,304.00
Total					\$110,704.15		\$466,801.65		\$581,063.65
Valley Oak/Sycamore Savannah									
Mobilization	Cost split evenly between all habitat types.	L.S.	\$5,000.00	1.00	\$5,000.00	1.00	\$5,000.00	1.00	\$5,000.00

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				Quantity	Cost	Quantity	Cost	Quantity	Cost
Planting									
Site-Prep	Pre-treat with herbicide and disc planting area	acre	\$215.00			70.03	\$15,056.45	70.03	\$15,056.45
Seed	Broadcast spread annual-perennial seed mix	acre	\$2,000.00	70.03	\$140,060.00	70.03	\$140,060.00	70.03	\$140,060.00
Acorns	Includes collection, storage, viability test, and installation. 1 acorn per planting site.	each	\$12.00	608.00	\$7,296.00	608.00	\$7,296.00	608.00	\$7,296.00
Seedlings									
Deepot	Use for shrubs	each	\$22.00	532.00	\$11,704.00	532.00	\$11,704.00		\$22.00
1-Gallon Container	Use for shrubs	each	\$30.00		\$30.00		\$30.00	532.00	\$15,960.00
Plant Protection	Use plastic tree shelter, one per plant.	each	\$1.50	1,140.00	\$1,710.00	1,140.00	\$1,710.00	1,140.00	\$1,710.00
Irrigation									
Irrigation Pump Drip*	Cost split evenly between all irrigated areas. Use 2" PVC as main line from pump to irrigated areas, 1 1/4" PVC lateral line, pressure reducing drip assemblies, 1/2" polyethylene pipe, and an average of 2-1 gph emitters/plant	L.S.	\$5,000.00	1.00	\$5,000.00	1.00	\$5,000.00	1.00	\$5,000.00
Low		NA	NA	NA	NA				
Moderate		acre	\$591.00			70.03	\$41,387.73		
High		acre	\$591.00					70.03	\$41,387.73
First Year	Includes maintenance for valves, lines, emitters, and portion of pump maintenance	acre	\$1,000.00			70.03	\$70,030.00	70.03	\$70,030.00
Second Year	Includes maintenance for valves, lines, emitters, and portion of pump maintenance	acre	\$1,000.00			70.03	\$70,030.00	70.03	\$70,030.00
Third Year	Includes maintenance for valves, lines, emitters, and portion of pump maintenance	acre	\$1,000.00			70.03	\$70,030.00	70.03	\$70,030.00
Fourth Year	Includes maintenance for valves, lines, emitters, and portion of pump maintenance	acre	\$1,000.00					70.03	\$70,030.00
Fifth Year	Includes maintenance for valves, lines, emitters, and portion of pump maintenance	acre	\$1,000.00					70.03	\$70,030.00
Truck Watering	Assumes 2 trucks watering twice a month for the first 6 months after installation.					L.S.	\$55,200.00		
Maintenance									
Post-Installation Treatment	Spot spray problem weeds with herbicide	acre	\$50.00	70.03	\$3,501.50	70.03	\$3,501.50	70.03	\$3,501.50
Long-Term Weeding									
First Year	Spot spray problem weeds with herbicide	acre	\$25.00			70.03	\$1,750.75	70.03	\$1,750.75
Second Year	Spot spray problem weeds with herbicide	acre	\$25.00			70.03	\$1,750.75	70.03	\$1,750.75
Third Year	Spot spray problem weeds with herbicide	acre	\$25.00			70.03	\$1,750.75	70.03	\$1,750.75
Fourth Year	Spot spray problem weeds with herbicide	acre	\$25.00					70.03	\$1,750.75
Fifth Year	Spot spray problem weeds with herbicide	acre	\$25.00					70.03	\$1,750.75
Acorn Replacement	Assumes 60% mortality over first 3 years	each	\$12.00	365.00	\$4,380.00	365.00	\$4,380.00	365.00	\$4,380.00
Total					\$233,881.50		\$450,467.93		\$598,277.43
Valley Oak/Sycamore Woodland and Woodland Visual Buffer									
Mobilization	Cost split evenly between all habitat types.	L.S.	\$5,000.00	1.00	\$5,000.00	1.00	\$5,000.00	1.00	\$5,000.00
Planting									
Site-Prep	Pre-treat with herbicide and disc planting area	acre	\$215.00			33.17	\$7,131.55	33.17	\$7,131.55
Seed	Broadcast spread annual-perennial seed mix	acre	\$2,000.00			33.17	\$66,340.00	33.17	\$66,340.00
Acorns	Includes collection, storage, viability test, and installation. 1 acorn per planting site.	each	\$12.00	903.00	\$10,836.00	903.00	\$10,836.00		
Seedlings									
Deepot	Use for shrubs	each	\$22.00	226.00	\$4,972.00	1,806.00	\$39,732.00		
1-Gallon Container	Use for shrubs and trees	each	\$30.00					2,709.00	\$81,270.00
Plant Protection	Use plastic tree shelter, one per plant.	each	\$1.50			2,709.00	\$4,063.50	2,709.00	\$4,063.50
Irrigation									
Irrigation Pump	Cost split evenly between all irrigated areas.	L.S.	\$5,000.00	1.00	\$5,000.00	1.00	\$5,000.00	1.00	\$5,000.00

Alternative 2	Description	Units	Unit Cost	Low Input/Output		Moderate Input/Output		High Input/Output	
				Quantity	Cost	Quantity	Cost	Quantity	Cost
First Year	Spot spray problem weeds with herbicide	acre	\$25.00					2.30	\$57.50
Second Year	Spot spray problem weeds with herbicide	acre	\$25.00					2.30	\$57.50
Reseeding	Broadcast spread native perennial mix; assumes 20% of area will need reseeding	acre	\$3,000.00			0.46	\$1,380.00	0.46	\$1,380.00
Total					\$39,994.50		\$48,274.50		\$181,973.50
Grand Total					\$534,182.15		\$1,326,587.22		\$1,941,573.84

Notes:

* Cost for mainline pipe has been equally divided and incorporated into each habitat type requiring irrigation.

- gph = gallons per hour.
- L.S. = lump sum.
- NA = does not apply.
- PVC = polyvinyl chloride.