

Town of Oro Valley
Proposed Infrastructure Improvement Plan

Figure S5: Street Facilities Improvement Improvements Plan

Location	Description	Total Project Cost
Shannon Rd, Tangerine Rd-Naranja Dr	New Road	\$1,100,000
Lambert Ln, .5 mi E of Shannon-Rancho Sonora Road	Road Widening	\$1,100,000
Tangerine Rd. & Rancho Vistoso Blvd. & First Ave	Intersection Improvement	\$3,200,000
Rancho Vistoso & Woodbume	Intersection Improvement	\$1,500,000
Various Capacity Enhancements	TBD	\$4,000,000
Moore Rd La Cholla Blvd	Intersection Improvement	\$2,000,000
	Total	\$12,900,000
	Current DIF Balance	\$3,900,000
	Total Cost	\$9,000,000
	10-Year Increase in Vehicle Trips	14,484
	Cost per Vehicle Trip	\$621

Water Facilities Supply Projects – Plan Based

Illustrated in Figure W5, Water Facilities supply projects have a cost of \$7,900,000. The resulting cost per acre foot of supply is \$9,591 and cost per service unit is \$3,793.62.

Figure W5: Infrastructure Improvement Plan: Water Supply

Year Completed	Description	Cost	Capacity (acre-feet)	Cost per AF	Service Units	Cost per Service Unit (ERU)
2030	Steam Pump D-Zone Well (Equipping)	\$1,200,000	484	\$2,479	1,729	\$694.21
2026	La Posada Well (Drilling)	\$1,500,000	484	\$3,099	1,729	\$867.77
2030	La Posada Well (Equipping)	\$1,200,000	484	\$2,479	1,729	\$694.21
2027	NWRRDS Partnered Recovery Well Equipping	\$2,400,000	2,400	\$1,000	1,729	\$1,388.09
2027-2037	CAP Water Capital Charges for 3,000 AF/Year	\$1,600,000	3,000	\$533	10,714	\$149.33
Source: Town of Oro Valley		\$7,900,000		\$9,591	Total Cost per SU	\$3,793.62

Water Facilities Distribution Projects – Plan Based

Eight distribution related projects identified by staff all work in concert to help meet additional water demand from new development. Figure W6 shows each component associated with the new distribution architecture cost and added capacity in acre feet per year. Water Facilities distribution projects will in total will add an additional 2,400-acre feet of growth-related capacity able to support water distribution for 5,143 service units with a total cost of \$13,928,294. The resulting cost per acre foot of distribution capacity is \$5,803 resulting in a cost per service unit of \$2,708.28.

Figure W6: Infrastructure Improvement Plan: Distribution

Year Completed	Description	Cost	Capacity (acre-feet)	Cost per AF	Service Units	Cost per Service Unit (ERU)
2027	NWRRDS (Independent) Booster Station at La Canada Reservoir*	\$5,376,959	2,400	\$2,240	5,143	\$1,045.52
2027	NWRRDS (Partnered) Pipeline Construction*	\$4,320,000	2,400	\$1,800	5,143	\$840.00
2027	NWRRDS (Independent) Booster Station at Partnered Reservoir*	\$3,606,486	2,400	\$1,503	5,143	\$701.26
2027	NWRRDS (Independent) E-Zone Blending Line to Shannon	\$624,849	2,400	\$260	5,143	\$121.50
		\$13,928,294		\$5,803	Total Cost per SU	\$2,708.28

*These costs are the growth-related portion (60%) of debt service payments. The other 40% is paid for through Groundwater Protection Fee. This debt is not part of the water rate structure.

Figure P9: Necessary Police Improvements and Expansions (10-Yr Total)

Police Infrastructure Improvement Plan		
Improvement	Timeframe	Estimated Cost
Police Vehicles	2026-2036	\$1,046,600
Future Police Station	2029	\$20,000,000
Total		\$21,046,600

Figure PR6: Necessary Parks & Recreational Improvements and Expansions

Park Infrastructure Improvement Plan	
Improvement	Estimated Cost
MUP Big Wash Trailhead Improvements	\$250,000
Pusch Ridge Additional Tennis Court	\$300,000
Parking Lot Expansions	\$1,185,000
Riverfront Park Ramada	\$297,000
Naranja Park Fields 7&8	\$4,000,000
Total	\$6,032,000