



Murrieta Road Transmission Pipeline Improvements PROJECT COST ESTIMATE

		ESTIMATED COST
PRELIMINARY DESIGN PHASE ⁽¹⁾⁽²⁾		\$802,680
Engineering Consultant (Gannett Fleming)*	\$228,496	
Survey (Cozad & Fox)	\$41,813	
Hydraulics (West Yost)	\$39,136	
Geotechnical (Leighton)	\$29,600	
Testing/Boring	\$12,000	
Trenchless (Mott McDonald)	\$25,234	
Corrosion (RF Yeager)	\$5,270	
Potholing (Underground Solutions, Inc)	\$66,125	
Easement Acquisition Labor	\$70,000	
Easements	\$90,000	
Scour Analysis/Survey	\$50,000	
Environmental Consultant	\$100,000	
Eng. Branch Labor	\$45,000	
FINAL DESIGN PHASE ⁽²⁾⁽⁴⁾		\$526,650
Engineering Consultant (Gannett Fleming)	\$241,206	
Geotechnical (Leighton)	\$25,000	
Traffic Control (Darnell & Associates)	\$55,000	
Corrosion (RF Yeager)	\$12,640	
Trenchless (Mott McDonald)	\$63,798	
Permits**	\$20,000	
Eng. Branch Labor	\$50,000	
Bid Prep/Spec Review	\$23,000	
Contingency	\$36,000	
BID/AWARD PHASE		\$34,500
Labor, Advertisement, and Materials	\$34,500	
CONSTRUCTION PHASE		TBD
ADMINISTRATIVE CLOSE OUT PHASE		TBD
TOTAL ESTIMATED PROJECT COST THROUGH BID/AWARD PHASE		\$1,363,830
	<i>PREVIOUS APPROPRIATIONS</i>	\$786,820 ⁽³⁾
	<i>REQUESTED ADDITIONAL APPROPRIATION</i>	\$577,010 ⁽⁴⁾
	TOTAL APPROPRIATION	\$1,363,830

Notes:

*Includes Reprogrammed tasks and optional services (\$35,622)

**Fees - City of Menifee, RCFCO & WCD, State, DIR, Etc.

⁽¹⁾ Reconciled budget

⁽²⁾ Additional budget is highlighted in yellow

⁽³⁾ Previously Appropriated (PAR 2019/037; WO 419739)

⁽⁴⁾ Includes Perris Valley South Water System Transmission Improvements

Reviewed: _____