

## **Costs and Benefits Summary**

The estimated capital cost to construct the project is \$4.46 million, which will be incurred between 2011 and 2013.

Operation and maintenance costs are estimated to be \$14,700 per year, starting in 2013. An additional maintenance cost of \$18,400 is incurred every 5 years.

The present value of the total cost of the Fancher Creek Flood Control Improvement project (the "Project"), assuming a useful life of 30 years, is \$4.22 million shown in column (c) of Table 20. Furthermore, the net present value of the quantifiable flood prevention benefits and water supply benefits over the same useful life is \$13.17 million shown in column (g) of Table 20. Therefore, the overall cost-benefit ratio of the project is 3.12 (column (h) of Table 20).

**Table 20 - Proposal Project Costs and Benefits Summary**  
 Proposal: Fancher Creek Flood Control Improvements

Project	Agency	Total Present Value Project Costs (1)	Total Present Value Project Benefits				B/C Ratio
			Water Supply (2)	Flood Damage Reduction (3)	Other (4)	Total	
(a)	(b)	(c)	(d)	(e)	(f)	(g) (d) + (e) + (f)	(h) (g) / (c)
Fancher Creek Flood Control Improvements	City of Fresno	\$4,227,933	\$817,144	\$11,804,592	\$553,878	\$13,175,614	<b>3.12</b>
<b>TOTAL</b>		<b>\$4,227,933</b>	<b>\$817,144</b>	<b>\$11,804,592</b>	<b>\$553,878</b>	<b>\$13,175,614</b>	<b>3.12</b>

1. See Exhibit C, Table 10. The costs in Table 10 and Table 14 are identical and are for the entire project.
2. See Exhibit D, Table 15A & Table 15B
3. See Exhibit C, Table 12
4. See Exhibit E, Table 19