

ESCAFCA
Priority Projects Cost / Benefit Analysis

PROJECT	COST				BENEFIT*
	PLANNING/STUDY* (Approx. Completion Date)	DESIGN* (Approx. Completion Date)	ROW* (Approx. Completion Date)	CONSTRUCTION* (Approx. Completion Date)	
1). FEMA Map Revisions (LOMRs) (Placitas)	\$137,000 (09/'10)				* \$ 360K/yr average savings in flood insurance premiums (based on avg. \$1,500K/home/yr)
2). Establishment of Prudent Line	\$187,000 ('09/'10)				* Protection of natural state of the Creek * Provide management tool for future development * Identify need for pipeline protection measures * Identify channel stabilization measures * Identify structures which may be at risk
4). Placitas Tecolote Roadside Drainage Improvements		\$15,000 ('10)		\$180,000 ('10/'11)	* Reduces potential of roadway failure from extended exposure to runoff in roadway ditch
6). Algodones Drainage Study (Los Romeros Road)	\$35,000 (09/'10)	\$240,000 ('11/'12)	\$325,000 ('11/'12)	\$6,000,000 ('13)	* Improves conditions for areas that frequently flood even during smaller events * Reduces flooding risks for residents between I-25 and NM 313 * Provides infrastructure for future storm system development
7). Placitas Camino de La Ciruela Drainage		\$35,000	\$15,000 ('10)	\$450,000 ('11)	* Reduction of roadway maintenance costs * Reduction of costs to replace and maintain utility lines * Reduces flooding risks for residents in the area
8). Mid-Bernalillo Diversion	\$23,000 ('10)	\$1,500,000	\$1,300,000 ('11-'13)	\$15,000,000 ('11-)	* Flood reduction for residents south of US 550 * Provides infrastructure for future development in the central portion of the Town * Provides a collection and outfall system for discharge from the Piedra Lisa Dam * Possible development of multi-use facility
9). Bernalillo Athena Pond	\$26,000,000 ('10)			\$450,000,000	* Flood reduction for residents south of US 550 and reduces flooding risks associated with Piedra Lisa Dam outfall and various arroyos east of I-25
10). Town of Bernalillo Floodplain Study (Rio Grande)	\$300,000 ('10/'11)				* Removes properties from FEMA 2008 floodplain maps
11). COE Section 205 Levee	\$500,000 ('10/'11)			\$1,000,000 ('11/'12)	* Protects from Rio Grande flooding * Removes properties from floodplain
	\$27,182,000	\$1,790,000	\$1,640,000	\$472,630,000	