



Tropicana & Flamingo Washes Project

In partnership with the Regional Flood Control District,
U.S. Army Corps of Engineers and Clark County

- Construction of the Tropicana and Flamingo Washes Flood Control Project was authorized by the Water Resources Development Act of 1992. The project is being implemented by the U.S. Army Corps of Engineers, Clark County Regional Flood Control District and Clark County.
- The project is being funded jointly by the federal government and the Regional Flood Control District. The current cost estimate for this entire project is \$291 million. The total project cost is comprised of approximately \$276.6 million in flood control costs. The flood control portion is cost-shared at a formula of 25 non-federal and 75 percent federal. The Clark County Regional Flood Control District will contribute about \$68.5 million, and the federal government will contribute about \$208.1 million.
- Construction began on the flood control project features on the Flamingo and Tropicana Washes project in 1995 and is currently scheduled for completion in 2005. As of June 2003, the project is about 66 percent complete, which includes work done in advance of the local sponsors under Section 211. The Federal allocation to date is \$176 million.
- The project is located in the southwest portion of the Las Vegas Valley along the Tropicana and Flamingo Washes. The project consists of four major flood control features: a collection system, primary channels, detention basins and debris basins.
- The collection system consists of lateral collector channels that total approximately 11.5 miles in length. The primary channels, totaling about 28 miles will deliver flows to the detention basin system. Five detention basins will collect and detain flood flows and then release them at non-damaging rates. Three debris basins will trap large bed loads and prevent damage to the channels and basins. The debris basins are located along the base of the Blue Diamond Ridge.
- Outdoor recreation, in the form of bicycle and jogging paths and picnic areas, are envisioned to complement the flood control features of the project.
- Project Status:
 - Beltway Channels completed from December 1998 through December 2000
 - Red Rock Detention Basin and Scour Protection completed in December 1996 and 2001
 - Tropicana Detention Basin and Outlet Channel completed in October 1998 and October 1999
 - Blue Diamond Detention Basin completed in December 2000
 - Lower Flamingo Diversion Channel completed in September 2002
 - R-4 Detention Basin and Channel completed in April 2003
 - F-1 Channel East of Hualapai completed in June 2003
 - Upper Flamingo Diversion Channel under construction to be complete in April 2004
 - F-1 and F-2 Debris Basins and Channels under construction to be complete in January 2003
 - Upper Blue Diamond Channel & Wash is in design for contract award in August 2003
 - F-4 Basin and Outlet Channel is currently in design for contract award in April 2004
 - Flamingo Detention Basin expansion is currently in design for contract award in July 2004