



**Projects Under Construction
&
About to Start Construction**

As of Summer 2011

10 projects under construction \$108.4 million

11 about to start construction totaling approximately \$42.9 million

Construction Cost include construction and construction management

21 Total Projects Currently Funded for Construction for \$151.3 million

* *funded by RFCD and waiting to start construction*

City of Las Vegas

North and South Environmental Enhancement Areas – Floyd Lamb Park

(LAS22O09) BRBD 0000 through 0033, RACO 0000 through 0064, TSDB 0002 through 0012

Construction includes a 54 acre detention basin, a 37 acre detention basin and 1 mile of concrete pipe near Floyd Lamb Park. The enhancement areas are part of the Floyd Lamb Park Master Plan. Together the basins and park will include nearly 200 acres of passive recreational improvements including picnic areas, hiking trails and an amphitheater.

Construction Cost: \$23.3 million (RFCD Share)

Estimated Completion Date: December 2011

Las Vegas Wash – Decatur & Elkhorn, CC 215

(LAS22N09) LVMD 2324 through 2490

This project includes construction of nearly three miles of concrete box culvert in the northwest part of the Valley. The facility will convey flows from an existing facility at Elkhorn Road and Torrey Pines Drive east to Decatur Boulevard, then south to Centennial Parkway where the system will connect into an existing facility at the Beltway.

Construction Cost: \$26.8 million (RFCD Share)

Estimated Completion Date: March 2012

Gowan Outfall – Lone Mountain Branch (Rancho Dr to Decatur Blvd.)

(LAS24F10) GOLO 0152-GOLO 0275

This project consists of almost two miles of storm drain using reinforced concrete boxes ranging in size from 6 ft. X 6 ft. to 14 ft. X 7 ft. in Lone Mountain Road.

Construction Cost: \$10 million (RFCD Share)

Estimated Completion Date: May 2012

Langtry Channel – Bonanza Rd to Washington Ave

(LAS28A10) – LCLT 0006

The improvements consist of lining the 1,360 feet of existing walls and lining and/or replacing the existing invert slab with an 8-inch thick reinforced concrete lining along with an 18-inch reinforced concrete pipe beneath the new channel slab.

Construction Cost: \$1.1 million

Start Date: April 2011

Estimated Completion Date: January 2012

Oakey Meadows Storm Drain – Phase II

(LAS05J10) MEOK 0070-0110

This project was split into two jobs and includes construction of a combined total of just over 1 mile of underground storm drain in Charleston from Hinson Street west to Decatur Boulevard.

(Part A) (MEOK 0079-0110) This project includes construction of 3,900 ft. of underground storm drain in Charleston from Hinson Street west to Decatur Blvd.

Construction Cost: \$7.5 million

Start Date: May 2011

Estimated Completion Date: February 2012

* **(Part B)** (MEOK 0070) This project includes construction of 2,000 ft of underground storm drain within Hinson Street from Charleston to Del Rey.

Construction Cost: \$2.1 million

Estimated Start Date: July 2011

Estimated Completion Date: April 2012

Vegas Drive Storm Drain – Rancho to Shadow Mountain *

(LAS19D11) LVOW 0241 and 0351

The improvements include construction of approximately 1.7 miles of underground storm drain pipes ranging in size from 60 inch to 72 inch diameter extending from Rancho Road to Shadow Mountain Place.

Estimated Construction Cost: \$11.3 million

Estimated Start Date: September 2011

Estimated Completion Date: September 2012

Oakey Drain – Cahlan to Barnard *

(LAS28B11) FWOK 0076 and 0100

This project includes approximately 3,350 feet of reinforced concrete box and pipes, with associated lateral facilities, in Oakey Street extending from Cahlan Drive to Barnard Drive.

Estimated Construction: Cost: \$5.3 million

Estimated Start Date: September 2011

Estimated Completion Date: September 2012

Clark County

Lower Flamingo Detention Basin

(CLA04T09) FLWA 1048 through 1050

This project is a 222 acre-foot detention basin located at the intersection of Tropicana and Decatur. Storm water flow rate into the basin is 3,101 cfs, and flow out is 909 cfs, a reduction of 71 percent. The basin will also include multiuse park facilities funded by the Southern Nevada Public Lands Management Act for an additional \$10.8 million.

Construction Cost: \$3 million (RFCD share)

Estimated Completion Date: June 2012

Duck Creek, Mountain Vista Street to Green Valley Parkway

(CLA14V10) DCWA 0521, 0580

The improvements to this segment of Duck Creek include 3,900 feet of 60-foot wide rectangular concrete channel with flows ranging from 6,074 cfs to 6,195 cfs.

Construction Cost: \$8.4 million

Estimated Completion Date: December 2011

Flamingo Wash, Nellis Blvd to I-515

(CLA04V10) FLWA 0080, 0176

These improvements include 1.2 miles of rectangular concrete lined channel along the Flamingo Wash between Nellis Blvd and I-515.

Construction Cost: \$11.2 million

Estimated Completion Date: February 2012

Flamingo – Boulder Highway N, Sahara to Flamingo Wash

(CLA04U10) FLBN 0001, 0008, 0028, 0033

This project includes approximately 2,300 feet of reinforced concrete box ranging in size from double 12 ft. X 12 ft. to 16 ft. X 10 ft. in Boulder Highway.

Construction Cost: \$9.7 million (RFCD share)

Estimated Completion Date: March 2012

Duck Creek, Robindale to I-215*

(CLA14W11) DCWA 0967

These improvements include constructing approximately 650 feet of concrete channel bottom, and removal and replacement of failing concrete channel slope paving.

Estimated Construction Cost: \$846,800 *(includes Construction Mgt)*

Estimated Start Date: August 2011

Estimated Completion Date: November 2011

Carey Avenue Storm Drain (local drainage)*

(CLD 07B08)

Approximately 2,200 feet of storm drain ranging in size from 48-inch diameter pipe to 6 foot by 3 foot reinforced concrete box in Carey Avenue.

Estimated Construction Cost: \$875,000 (RFCD share)

Estimated Start Date: Sept 2011

Estimated Completion Date: May 2012

Flamingo Diversion – South Buffalo Branch, Flamingo Wash to Sunset Rd *

(CLA26D11) FLSB 0010, 0053, 0104

This project consists of 1.6 miles of reinforced concrete box and pipe in Buffalo Road from Sunset Road to the existing Flamingo Diversion Channel.

Estimated Construction Cost: \$8.9 million

Estimated Start Date: September 2011

Estimated Completion Date: July 2012

Olive Street Storm Drain, US-95 to Palm St. (local drainage) *

(CLD15A09)

This project includes approximately 2,540 ft. of reinforced concrete box and pipe in Olive Street between US 95 and Palm Street. This storm drain will connect to the existing Colorado Avenue System storm drain.

Estimated Construction Cost: \$813,000 (RFCD share)

Estimated Start Date: September 2011

Estimated Completion Date: March 2012

City of North Las Vegas

Simmons Street – Phase II, Carey to Cheyenne *

(NLV04I11) LAAS 0000, 0014, 0040, 0080, 0083, 0095, 0103

This project consists of just over a mile of underground storm drain in Simmons Street between Carey and Cheyenne.

Estimated Construction Cost: \$6.2 million (RFCD share)

Estimated Start Date: November 2011

Estimated Completion Date: November 2012

City of Henderson

Pittman Park Peaking Basin Modification *

(HEN07C11) PTWA 0056

This project consists of reconstruction of approximately 170 feet of the detention basin spillway. The project also includes park improvements of \$4 million funded by the Southern Nevada Public Lands Management Act (SNPLMA) and City of Henderson.

Estimated Construction Cost: \$350,400 (RFCD share)

Estimated Start Date: October 2011

Estimated Completion Date: January 2012

Pittman Wash, UPRR to Santiago *

(HEN07E11) PTWA 0092 and 0048

This project includes lining of approximately 1,700 ft. of the Pittman Wash and reconstruction of the Pittman Park Peaking Basin outlet pipe.

Estimated Construction Cost: \$4.5 million

Estimated Start Date: November 2011

Estimated Completion Date: May 2012

City of Mesquite

Town Wash Conveyance, I-15 to Virgin River

MES01D10 – TOWA 0000, 0001, 0016, 0048, 0064, 0073, 0091, 0099, 0100, 0119

Location: Project includes construction of approximately 1.1 miles of concrete channel along the Town Wash alignment from I-15 to the Virgin River.

Construction Costs: \$7.4 million (RFCD Share)

Estimated Completion Date: September 2011

Boulder City

Yucca Debris Basin, Collection and Outfall *

(BOU05I10) NRIN 0040, 0066, 0067

This project includes construction of a 1,250 feet trapezoidal concrete channel and a sediment basin.

Estimated Construction Cost: \$1.7 million

Estimated Start Date: August 2011

Estimated Completion Date: December 2011

REGIONAL FLOOD CONTROL DISTRICT



Projects Completed July 2010 to July 2011

18 projects completed totaling approximately \$77.8 million

Construction Costs include construction and construction management

City of Las Vegas

Las Vegas Wash – Rainbow (Elkhorn Rd to Grand Teton Dr)

(LAS22M09) – LVMD 2525 through 2599

Location: Construction includes 5,100 feet of 24 foot by 8 foot box culvert and concrete channel within Rainbow Boulevard between Elkhorn Road and Grand Teton Drive.

Construction Cost: \$7.9 million

Completion Date: March 2011

Elkhorn Springs & Buffalo Storm Drain

(LAS22P09) – EKBU 0000

Location: This project includes the construction of a concrete pipe within Buffalo Drive from Farm Road south to the Elkhorn Springs Detention Basin.

Construction Cost: \$1.4 million

Completion Date: May 2011

Horse Drive Interchange

(LAS23C08) – CN95 0199 through 0333

Location: Construction of approximately a mile of channel and storm drain facilities along the west side of US-95 north of Grand Teton Drive. This project is being constructed in conjunction with Nevada Department of Transportation's Horse Drive Interchange project.

Construction Cost: \$5 million (RFCD Share)

Completion Date: December 2010

Oakey – Meadows Storm Drain, Phase I

(LAS05I08) – LCME 0026 through 0070, MEOK 0000 through 0048, MEPA 0022

Location: Construction of approximately 5,500 feet of concrete channel and box culvert extending along Valley View Boulevard from Charleston Boulevard to the Meadows Detention Basin.

Construction Cost: \$12.1 million

Completion Date: January 2011

Gilmore Ave – Decatur Blvd to Thom Blvd Storm Drain (local drainage)

(LLD99A09)

This local drainage project consists of a 36-inch reinforced concrete pipe storm drain that will help reduce flooding in the neighborhood between Decatur Boulevard and Thom Boulevard along Gilmore Avenue.

Construction Cost: \$409,634 (RFCD Share)

Completion Date: May 2011

Clark County

Blue Diamond Wash Wigwam, UPRR to Rainbow Blvd

(CLA16M09) – BDW1 0000 through 0075

Location: Construction of approximately 1.3 miles of concrete box culvert within Wigwam Avenue between Rainbow Boulevard and the Union Pacific Railroad, east of Jones Boulevard.

Construction Cost: \$5.6 million

Completion Date: January 2011

Duck Creek, Railroad Detention Basin

(CLA08M08) – BDW5 0000 through 0025, DCRB 0000, DCW4 0366 through 0451, DCCA 0000 through 0026

Location: This project includes an 868 acre-foot detention basin located just north of Cactus Avenue between Rainbow Boulevard and the Union Pacific Railroad along with approximately 4,000 feet of concrete collector channel.

Construction Cost: \$13.5 million (RFCD Share)

Completion Date: February 2011

Flamingo Wash, Desert Inn to Eastern Avenue

(CLA04R08) – FLWA 0377 through 0406

Location: Project includes channel improvements for the Flamingo Wash between Eastern Avenue and Desert Inn Road. The improvements will stabilize the banks of 4,900 feet of the wash. A segment of the Flamingo Arroyo Trail will be constructed with the project. The trail enhancements will be funded with money from the Southern Nevada Public Lands Management Act (SNPLMA).

Construction Cost: \$7 million (RFCD Share)

Completion Date: December 2010

Las Vegas Boulevard / Serene Avenue Storm Drain

(CLD17A09)

Location: Construction of a concrete pipe storm drain within Serene Avenue between I-15 and Las Vegas Boulevard.

Construction Cost: \$164,000 (RFCD Share)

Completion Date: June 2011

Lower Blue Diamond Detention Basin

(CLA16L09) – BDWA 0470

Location: Construction includes a 461 acre-foot detention basin and associated drainage facilities near Windmill Lane and the Union Pacific Railroad. Also included in the project is the Robindale inflow structure and collection facilities.

Construction Cost: \$2.8 million

Completion Date: January 2011

Tropicana North Branch Detention Basin

(CLA10E09) – TRNB 0089 through 0113

Location: Construction of a 54 acre-foot detention basin just north of Hacienda Avenue between Arville Street and the Union Pacific Railroad. Approximately 700 feet of concrete collector channel is also included in the project.

Construction Cost: \$1 million (RFCD Share)

Completion Date: July 2011

Twain at Pecos – McLeod Storm Drain

(CLD04A08)

Location: Local drainage improvements include a new storm drain system to connect to the existing 48 inch storm drain at Twain Avenue and head south along the original Mojave Road alignment then turning east on Twain Avenue to the Van Buskirk Channel on Pecos Road.

Construction Cost: \$555,000 (RFCD Share)

Completion Date: October 2010

Sunrise Ave Storm Drain, Fogg St to Clayton St (local drainage)

(CLD07C10)

This is a local drainage project to minimize flooding of Sunrise Avenue between Clayton Street and Lailani Street. It includes one drop inlet and 1940 ft of 24 inch reinforced concrete pipe.

Construction Cost: \$177, 000 (RFCD Share)

Completion Date: July 2011

Tunis Ave and Karvel St Storm Drain (local drainage)

(CLD14A10)

This local drainage project will alleviate flooding in the intersection of Karvel Street and Tunis Avenue. The project consists of a concrete open channel and earthen channel which will connect with Duck Creek Channel.

Construction Cost: \$182,400

Completion Date: June 2011

City of Henderson

C-1 Equestrian Tributary

(HEN06F08) – C1E1 0000 through 0002

Location: The project includes 2,300 feet of concrete channel and an energy dissipater structure at the corner of Magic Way and Equestrian Drive. The project will reduce flows in the existing C-1 Channel by collecting and diverting flows into the existing Equestrian Detention Basin.

Construction Cost: \$2 million

Completion Date: July 2010

Pittman Railroad East Conveyance

(HEN08C08) – PTRE 0000 through 0032

Location: This project consists of a concrete box culvert located east of Arroyo Grande Boulevard between Union Pacific Railroad spur tracks and the Pittman Wash near I-215 and Stephanie Street. City of Henderson Parks and Recreation will build underground crossings below American Pacific Drive and the railroad and pave the access road for a trail.

Construction Cost: \$8.5 million (RFCD Share)

Completion Date: December 2010

City of North Las Vegas

Simmons Street Drainage Improvements – Gowan Outfall

(NLV04H09) - GOOF 0162, 0196

Location: This project includes construction of confluence and transition structures and a bridge over Gowan Outfall Channel at Simmons Street near Red Coach Avenue.

Construction Cost: \$2.6 million (RFCD Share)

Completion Date: June 2011

Tropical Parkway Channel East

(NLV01F09) – TREA 0005

Location: This project includes construction of approximately one mile of box culvert within Tropical Parkway from North 5th Street to the Upper Las Vegas Wash.

Construction Cost: \$6.9 million (RFCD Share)

Completion Date: May 2011