

REGIONAL FLOOD  
CONTROL DISTRICT**Projects under Construction  
&  
Funded for Construction**

As of Summer 2009

*11 projects under construction totaling approximately \$75.8 million  
22 projects funded for construction totaling approximately \$154.6 million  
Cost amounts include construction and construction management*

*\*indicates projects under construction as of July 1, 2009*

*City of Henderson – under construction*

**\*C-1 Equestrian Tributary**

(HEN06F08) – C1E1 0000 through 0002

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

**Construction Costs:** \$2 million

**Estimated Completion Date:** January 2010

**\*Northeast Detention Basin, Levee and Outfall**

(HEN19C07) – C1HV 0000 through 0278, C1IT 0273

**Location:** This project includes a 353-acre-foot detention basin, approximately 1.5 miles of channel, levee and two debris basins. The 1.2 mile outfall project will connect the downstream end of the outfall pipe from the detention basin at Magic Way and Ithaca Avenue and extend the outfall conveyance system north in Magic Way to the intersection with Havre Avenue and westerly along Havre Avenue to the existing C-1 Channel at Pueblo Avenue.

**Construction Cost:** \$14.2 million

**Estimated Completion Date:** May 2010

**\* Pittman Railroad East Conveyance**

(HEN08C08) – PTRE 0000 through 0032

**Location:** This project consists of a concrete box culvert located east of Arroyo Grande Parkway between Union Pacific Railroad branch 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.

**RFCD Share:** \$7.8 million

**Estimated Completion Date:** September 2009

*City of Las Vegas – under construction*

**\* Alta Parallel System**

(LAS05H08) – LCLO 0000 through 0054, MEAL 0100, 0130, 0209 through 0258, LCCH 0513

**Location:** Construction of 1,400 feet of concrete box culvert along Alta Drive between East Street and Decatur Boulevard and 3,600 feet of box culvert in Lorenzi Street, between Alta Drive and Westcliff Drive. Expansion of the Rainbow Detention Basin, by 31 acre-feet, is also included in this project.

**Construction Cost:** \$8.9 million

**Estimated Completion Date:** July 2010

**\* Horse Drive Interchange**

(LAS23C08) – CN95 0199 through 0318

**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 U.S. 95 Widening.

**Construction Cost:** \$6 million

**Estimated Completion Date:** December 2010

**\* Las Vegas Wash - Decatur Boulevard, Elkhorn Road to Farm Road**

(LAS22I08) – LVDE 0000 through 0027

**Location:** This project includes 2,800 feet of box culvert to convey flows at the Decatur Boulevard / Farm Road intersection south to Elkhorn Road. The new facility will connect to the Las Vegas Wash Middle Branch facility.

**Construction Cost:** \$3.3 million

**Estimated Completion Date:** October 2009

**\* Las Vegas Wash – Jones Boulevard, Elkhorn Road to Farm Road**

(LAS22J08) – LVMJ 0000

**Location:** Construction of a concrete box culvert within Jones Boulevard between Elkhorn Road and Farm Road. These improvements will be made in conjunction with Regional Transportation Commission's roadway project for Jones Boulevard.

**Construction Cost:** \$2 million

**Estimated Completion Date:** January 2010

**\*Oakey Drain, Birch Street to Cahlan Drive**

(LAS09W08) – FWOK 0020 through 0060

**Location:** Construction includes 3,000 feet of box culvert improvements along Oakey Boulevard between Cahlan Drive and Birch Street.

**Construction Cost:** \$6.8 million

**Estimated Completion Date:** December 2009

*City of North Las Vegas – under construction*

**\*Centennial Parkway Channel East**

(NLV17B08) – CNEA 0009 through 0176

**Location:** Project includes construction of reinforced box culvert and channel improvements to complete the reach of the Centennial Parkway Channel East that lies along Centennial Parkway, from Revere Street to the Upper Las Vegas Wash Channel, west of Losee Road.

**Construction Cost:** \$19.3 million

**Estimated Completion Date:** September 2009

**\*Freeway Channel – Owens Avenue to Miller Avenue, Phase I**

(NLV18D09) - LV15 0330, 0210, 0193

**Location:** This project includes the removal and reconstruction of approximately 0.25 miles of concrete channel and storm drain located west of I-15 from Lake Mead Boulevard to Miller Avenue.

**Construction Cost:** \$4.6 million

**Estimated Completion Date:** November 2009

*Clark County – under construction*

**\*Sunrise Avenue Storm Drain**

(CLD07A07)

**Location:** This project includes approximately 3,000 feet of underground storm drain within Charleston Boulevard from Orchard Valley Drive to Hollywood Boulevard.

**Construction Cost:** \$915,000

**Estimated Completion Date:** August 2009

*City of Boulder City*

**Bootleg Canyon Detention Basin Outfall**

(BOU05H07) – NRBL 0000, 0093

**Location:** Improvements include the construction of a detention basin outfall structure and storm drain from the Bootleg Canyon Detention Basin to the future Yucca Debris Basin Collection and Outfall Facilities.

**Construction Cost:** \$450,000

**Estimated Completion Date:** January 2010

*City of Henderson***Blackridge Storm Drain**

(HLD15A06)

**Location:** Construction of a concrete storm drain pipe within Skyline Road from Middleton Drive to the Union Pacific Railroad. This project will pass through the Black Mountain Golf Course.

**Construction Cost:** \$524,000

**Estimated Completion Date:** February 2010

**Pittman Railroad, MacDonald Ranch Channel**

(HEN21B08) – PTMR 0093 through 0111

**Location:** Construction includes a concrete channel from an existing channel just west of Arroyo Grande Boulevard to the Amargosa Power Easement, located west of Stephanie Street and south of I-215.

**Construction Cost:** \$2.2 million

**Estimated Completion Date:** May 2010

*City of Las Vegas***Brush Street Storm Drain**

(LLD12A04)

**Location:** Project includes construction of a concrete pipe storm drain within Brush Street just north of Alta Drive.

**RFCD Share:** \$450,000

**Estimated Completion Date:** July 2010

**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:** \$4.1 million

**Estimated Completion Date:** March 2010

**Gilmore Avenue – Decatur Boulevard to Thom Boulevard Storm Drain**

(LLD99A09)

**Location:** This project includes construction of a concrete pipe within Gilmore Avenue between Decatur Boulevard and Thom Boulevard.

**RFCD Share:** \$840,000

**Estimated Completion Date:** December 2010

**Grand Teton Overpass – Storm Drain**

(LAS26B08) – CNGT 0000

**Location:** Construction includes 2,400 feet of concrete box culvert along Grand Teton Drive between Tee Pee Lane and U.S. 95. This facility will allow for the completion of the Kyle Canyon Outfall.

**Construction Cost:** \$2.3 million

**Estimated Completion Date:** March 2010

**Jones Boulevard – Alta to Borden Storm Drain**

(LLD05A08)

**Location:** Local drainage improvements include replacing an existing storm drain system west in Borden Circle from Jones Boulevard to Wallace Drive. Construction will also include a storm drain system in Jones Boulevard from Borden Circle to Alta Drive.

**Construction Cost:** \$742,000

**Estimated Completion Date:** July 2010

**Las Vegas Wash – Decatur & Elkhorn, CC 215**

(LAS22N09) – LVMD 2324, LVDE 0000 through 2490

**Location:** 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 Street where the system will connect into an existing facility at the Beltway.

**Construction Cost:** \$45 million

**Estimated Completion Date:** November 2010

**Las Vegas Wash – Rainbow, Elkhorn Road to Grand Teton Drive**

(LAS22M09) – LVMD 2525 through 2599

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

**Construction Cost:** \$17.7 million

**Estimated Completion Date:** April 2010

**Oakey – Meadows Storm Drain, Phase I**

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

**Location:** Construction of approximately 4,000 feet of concrete channel extending along Valley View Boulevard from Charleston Boulevard to the Meadows Detention Basin.

**Construction Cost:** \$16.7 million

**Estimated Completion Date:** June 2010

***City of North Las Vegas*****Simmons Street Drainage Improvements – Gowan Outfall**

(NLV04H09)

**Location:** This project includes construction of a bridge at Simmons Street and confluence and transition structures within the road near Red Coach Avenue to complete the Gowan Outfall System.

**Construction Cost:** \$5.2 million

**Estimated Completion Date:** December 2010

**Tropical Parkway Channel East**

(NLV01F09) – TREA 0005

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

**Construction Cost:** \$14.8 million

**Estimated Completion Date:** June 2010

*Clark County***Blue Diamond Wash Wigwam, Jones Boulevard to Rainbow Boulevard**

(CLA16M09) – BDW1 0022 through 0075

**Location:** Construction of approximately 4,600 feet of concrete box culvert within Wigwam Avenue between Rainbow Boulevard and Jones Boulevard.

**Construction Cost:** \$5.3 million

**Estimated Completion Date:** June 2010

**Carey Avenue Storm Drain**

(CLD07B08)

**Location:** Local drainage improvements in Carey Avenue, between Mt. Hood Street and Toiyabe Street. Construction will include a combination of manholes, drop inlets, 18-inch lateral connections and a 48 inch RCP storm drain to connect an existing channel at Carey Avenue and Mt. Hood Street to the Sloan Channel at Toiyabe Street.

**Construction Cost:** \$726,700

**Estimated Completion Date:** April 2010

**Duck Creek, Railroad Detention Basin**

(CLA08M08) – BDW5 0000 through 0025, DCRB 0000, DCW4 0393 through 0451, DCCA 0000 through 0019

**Location:** This project includes an 868 acre-foot detention basin located just north of Cactus Avenue between Rainbow Boulevard and Union Pacific Railroad, UPRR.

**Construction Cost:** \$18.3 million

**Estimated Completion Date:** May 2010

**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

**Estimated Completion Date:** July 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.

**RFCD Share:** \$268,000

**Estimated Completion Date:** July 2010

**Lower Blue Diamond Detention Basin**

(CLA16L09) – BDWA 0470

**Location:** Construction includes a 446 acre-foot detention basin and associated drainage facilities near Windmill Lane and the Union Pacific Railroad. Phase I of the project will include the detention basin and spillway. Phase II will be construction of the Robindale inflow structure and collection facilities.

**Construction Cost:** \$3.2 million

**Estimated Completion Date:** April 2010

**Lower Flamingo Detention Basin**

(CLA04T09) – FLWA 1050

**Location:** This project includes the construction of a 222 acre-foot detention basin at the northwest corner of Tropicana Avenue and Decatur Boulevard. Funds from the Southern Nevada Public Lands Management Act, SNPLMA, will be used to construct park facilities.

**RFCD Share:** \$ 7.6 million

**Estimated Completion Date:** May 2011

**Olive Street Storm Drain, US-95 to Palm Street**

(CLD15A09)

**Location:** Construction of a concrete pipe storm drain within Olive Street between US-95 and Palm Street just south of Charleston Boulevard. The project will connect to the Colorado System Storm Drain System.

**RFCD Share:** \$813,000

**Estimated Completion Date:** July 2010

**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:** \$396,000

**Estimated Completion Date:** July 2010

## REGIONAL FLOOD CONTROL DISTRICT



### Projects Completed July 2008 to July 2009

*12 projects completed totaling approximately \$63.3 million*

#### *City of Henderson*

##### **Equestrian Detention Basin Outfall – Heritage Channel**

(HEN06G08) – C1EQ 0000

**Location:** Channel improvements include construction of a reinforced concrete box facility located between the intersection of Newport Drive and Racetrack Road and the C-1 Channel just south of Burkholder Boulevard. The channel will convey flows from the Equestrian Detention Basin Outfall Channel to the existing C-1 Channel. City of Henderson Parks and Recreation is contributing funds to this project to cover additional costs associated with constructing a below grade structure to allow development of the park.

**RFCD Share:** \$4.2 million

**Completion Date:** June 2009

#### *City of Las Vegas*

##### **Gowan Lone Mountain System – Branch 4**

(LAS24D06)

**Location:** Channel improvements west of Cliff Shadows Parkway and Buckskin Avenue. Construction improvements include reinforced concrete boxes and associated soil cement collection channel.

**Construction Cost:** \$3.4 million

**Completion Date:** October 2008

##### **Gowan Lone Mountain System - Cliff Shadows Park**

(LAS10Y05)

**Location:** An arch culvert with associated lateral facilities west of CC-215 near Alexander Road.

**Construction Cost:** \$1.8 million

**Completion Date:** October 2008

##### **Las Vegas Wash – Elkhorn Road, Rainbow Boulevard to Torrey Pines Drive**

(LAS22H07)

**Location:** The project includes 2,700 feet of box culvert improvements that will convey flows at the Rainbow Boulevard/Elkhorn Road intersection east to Torrey Pines Drive.

**Construction Cost:** \$7.4 million

**Completion Date:** March 2009

**Oakey Boulevard and Tenaya Way Storm Drain**

(LLD04B07)

**Location:** Construction includes a storm drain pipe in Oakey Boulevard from Tenaya Way to Rainbow Boulevard.

**RFCD Share:** \$600,000

**Completion Date:** December 2008

**Peak Drive System, Jones Boulevard to Michael Way**

(LAS17F07)

**Location:** Construction includes approximately 2,700 feet of reinforced concrete box installed under Peak Drive between Jones Boulevard and Michael Way. The system will provide protection to properties east of Jones.

**Construction Cost:** \$4.5 million

**Completion Date:** September 2008

**Rancho Drive System – El Campo Grande Storm Drain**

(LAS16H07) – RCHO 0056 through 0071

**Location:** Improvements include 4,000 linear feet of storm drain improvements that will provide protection to properties north of Ann Road and east of Durango Drive.

**Construction Cost:** \$4.7 million

**Completion Date:** June 2009

***City of North Las Vegas*****Gowan Outfall – Lone Mountain Branch, Decatur Boulevard to Channel**

(NLV04G07)

**Location:** Channel improvements include construction of reinforced concrete box storm drain for the Gowan Outfall, Lone Mountain Branch from Decatur Boulevard to the existing Gowan Channel.

**Construction Cost:** \$16.3 million

**Completion Date:** April 2009

**Range Wash – Lamb Boulevard Storm Drain**

(NLV09D07)

**Location:** The District partnered with the Regional Transportation Commission (RTC) to build the flood control portion of the project in conjunction with the Lamb Boulevard road improvements from I-15 to CC-215. Flood control improvements include concrete channel structures, pipe and box culverts along Lamb Boulevard between the Union Pacific Railroad and Centennial Parkway, and along the north side of the railroad from Lamb Boulevard to an existing bridge crossing.

**RFCD Share:** \$6.4 million

**Completion Date:** March 2008

*Clark County***Duck Creek Channel, Silverado Ranch Boulevard to Las Vegas Boulevard**

(CLA08K07)

**Location:** This project is a concrete channel within Duck Creek between Silverado Ranch Boulevard and Las Vegas Boulevard.**Construction Cost:** \$8.2 million**Completion Date:** March 2009**Flamingo Hacienda**

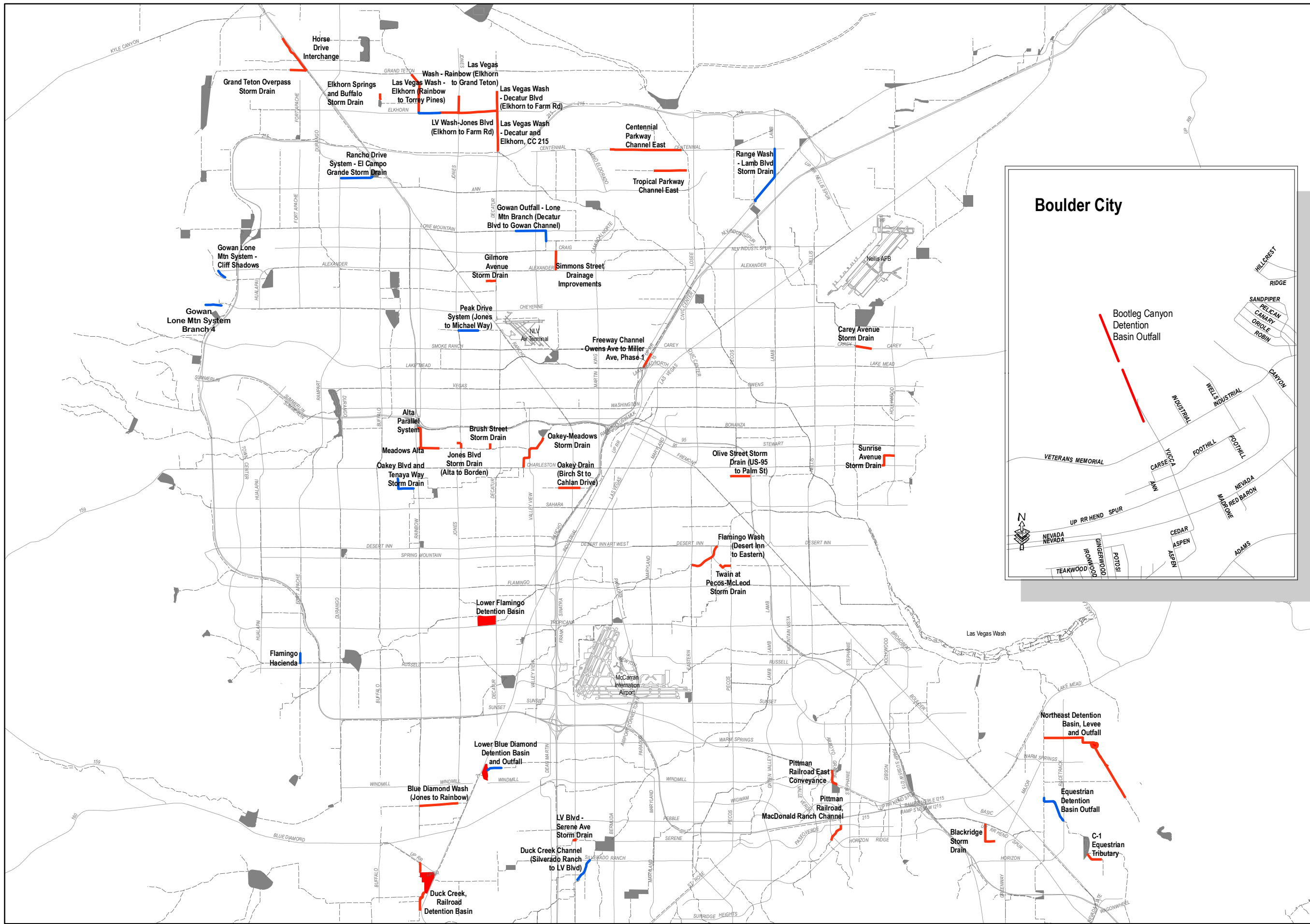
(CLA01D07)

**Location:** Construction includes a reinforced concrete box culvert within Fort Apache Road from Hacienda Avenue to the F-1 Channel.**Construction Cost:** \$4.3 million**Completion Date:** March 2009**Lower Blue Diamond Detention Basin Outfall**

(CLA16I07)

**Location:** Basin outfall is located along Moberly Avenue between the Union Pacific Railroad and Decatur Boulevard.**Construction Cost:** \$1.5 million**Completion Date:** December 2008

Projects Completed FY 2009 and Summer 2009 Construction Program



**Legend**

- Projects Completed FY 2009
- Projects Under Construction And Funded for Construction



1 inch = 2.4 miles

June 2009

