



Poggemeyer

Apex Grand Valley Parkway/U.S. 93

North Las Vegas, Nevada

Owner/Client:

Land Development Associates

Contact:

David Brown

Cost: \$10,000,000

Completion Date: 2011

Services Provided:

Master Planning, Drainage, Traffic Roadway Design, Utility Design, Rail Road Crossing Design, Water Rights, and BLM Coordination

Project Bid Structure:

Design-Bid-Build

Project Team:

Larry V. Carroll, P.E., LEED AP- Principal-In-Charge / Adam P. Pilarz, P.E., PTOE – Project Manager / Jason M. Calhoun, P.E., CFM, LEED AP – Drainage Lead



Poggemeyer is responsible for the design of a 1.7 mile access road at the northern portion of the industrial park. The design included acceleration and deceleration lanes on US-93 and several large multiple barrel storm drain crossings. The access road included travel lanes, and full half-street improvements adjacent to the property for a future 100-foot right-of-way. This 80-foot right-of-way included NDOT permit design and coordination, several culvert crossings, and future grading coordination. Included were the design of the railway roads for access to the planned heavy industrial site between SR-604 and I-15. The design includes 1.7 miles of two-lane frontage road, a 0.2-mile two-lane connector to SR-604, an at-grade intersection with a Union Pacific Railway, culverts of varying sizes, and traffic improvements on SR-604. An NDOT right-of-way encroachment permit was undertaken along with utility coordination.





Poggemeyer

Apex Central Industrial Park Roadways

North Las Vegas, Nevada

Owner/Client:

Land Development Associates, LLC

Contact:

Dave Brown

Cost: \$15,600,000

Completion Date: On-Going

Services Provided:

Survey, Master Drainage Study, Civil Engineering, Flood Control Design/Engineering, Land Development, Railroad Crossing Design and Traffic Roadway Design

Delivery Method:

Design-Bid-Build

Project Team:

Larry V. Carroll, P.E., LEED AP- Principal-In-Charge / Adam P. Pilarz, P.E., PTOE – Project Manager, Jason M. Calhoun, P.E., CFM, LEED AP / Drainage Lead

The project consists of a master site development plan on approximately 520 acres. Poggemeyer's professional services include Roadway Plans, Topographic Surveys, Zoning Entitlements, Master Drainage Study, Infrastructure, Storm Channel Plan and Profiles, Round and Rectangular Storm Water Facilities Plan and Profiles, Headwall Structural Calculations and Details. The commercial lots created are accessed by a 3.5 mile network of 80 and 60-foot right-of-ways designed with City of North Las Vegas specific requirements for this large industrial complex. The Master Drainage Study designed flood control facilities to convey the majority of offsite flow impacting the site to a Clark County Regional Flood Control District Detention Basin. This detention facility design was included within the project scope of work. Other smaller onsite and offsite flows were design to be conveyed through the project site and released into their native flow paths, preserving nature's drainage pattern.

