

## PREVIOUS DESIGN EXPERIENCE

### PUBLIC IMPROVEMENTS

- “A” Street Public Improvements, Creswell, Oregon: Project engineer for design, construction documents and technical assistance during construction for overlay and widening of residential street including storm drainage improvements.
- City Hall Street Improvement, Westfir, Oregon: Project engineer for design and construction administration of new city street with drainage improvements.
- 11<sup>th</sup> Street Public Improvements, Bandon, Oregon: Project engineer for design of 3500 lineal feet of new concrete residential street through city park with curb/gutter/sidewalk, bicycle path, and drainage and water line improvements. Included design for relocation of ball field and parking area.
- Public Street and Storm Drainage Improvement, Third and “B” Streets, Creswell, Oregon: Project engineer for design, construction documents, and technical assistance during construction period for reconstruction and overlay of existing residential and commercial streets including storm drainage improvements.
- South 51<sup>st</sup> Street Sanitary Sewer Improvement, Springfield, Oregon: Project engineer for design and construction administration of new sanitary sewer as a consultant to the City of Springfield. Work included orchestration of neighborhood group meeting and coordination with property owners as the city’s representative.
- Public Street and Storm Drainage Improvement, South 28<sup>th</sup> Street, Springfield, Oregon: Project engineer for design and construction documents for 2000 lineal feet of street improvements including storm drainage improvements as a consultant to the City of Springfield.
- Public Street and Storm Drainage Improvement, Centennial Boulevard, Eugene, Oregon: Project engineer for 2000 lineal feet of street widening with curb/gutter/sidewalk and drainage improvements. Provided surveying, design, bidding and construction administration services. (Privately funded.)
- Public Street Improvements, City of Las Vegas, Nevada: Project manager for engineering design and construction documents for a three-mile, 150-foot wide right-of-way street project, including storm drainage and street improvements.
- Public Street Improvement, City of North Las Vegas, North Las Vegas, Nevada: Project manager for engineering design and construction documents for three miles of half of the 100-foot wide roadway including storm drainage, street, curbs, gutter and sidewalks.
- Public Street Improvements, Las Vegas, Nevada: Project manager for engineering design and construction documents for several short half street improvement projects totaling two miles of roadway including storm drainage and street improvements.
- Water Line Design, City of North Las Vegas, North Las Vegas, Nevada: Project engineer for design of 4,000 lineal feet of 18-inch water line to serve golf course and residential community.
- Sewer Development, City of Las Vegas, Las Vegas, Nevada: Project engineer for design of 4,050 lineal feet of 12-inch public sanitary sewer main extension.
- Box Culvert Design, City of North Las Vegas, Las Vegas, Nevada: Provide study, analysis, and cost estimate for two box culvert systems to transport 488 cfs under two public roadways. Provide engineering design and construction documents.

## **PREVIOUS DESIGN EXPERIENCE PROJECT LIST**

### **SITE DESIGN & ROAD IMPROVEMENTS**

Mirage Hotel onsite road system design  
Caesar's Palace onsite road system design  
Stardust Hotel onsite road system design  
Las Vegas Boulevard street improvements  
Stardust road street improvements  
Shadow Creek Golf Course onsite road system design  
Ann Road, Lossee Road street design  
Craig Road street design  
Desert Inn golf Course onsite road design  
Caesar's Palace parking structure civil design  
Eldorado parking structure civil design  
11<sup>th</sup> Street, Bandon, Oregon, street design  
3<sup>rd</sup>, B and 1<sup>st</sup> streets, Creswell, Oregon, street design  
28<sup>th</sup> Street, Springfield, Oregon, street design  
Centennial Boulevard, Eugene, Oregon, street design  
Valley View Boulevard street design

### **WATER SYSTEM IMPROVEMENTS**

Mirage Hotel water system design  
Caesar's Palace water system improvement design  
Las Vegas Boulevard 16" water line replacement  
Arizona Charlie's water system improvement design  
Cannery Mall water system design  
Shadow Creek Golf Course and subdivision water system design  
Ann Road 16" water line extension  
Sunrise golf Course water system analysis  
Stardust water system analysis  
Craig Road water line design  
Green Valley Hotel water system analysis  
Las Vegas Valley Water District well field #2, water line design  
Oregon State hospital booster pump station design

### **SANITATION PROJECTS**

Mirage Hotel sanitary sewer design  
Caesar's Palace sanitation improvement design  
Shadow Creek Golf Course and subdivision sanitary sewer main design  
Forum Mall at Caesar's Palace sanitary sewer design  
Craig Road sanitary sewer replacement design  
Shadow Creek Golf Course package sewer plant analysis  
Shadow creek golf Course septic system design  
Angel Park inverted sewer design  
King 8 Motel sanitary sewer design  
Scandia Fun Center septic design  
South 8, 51<sup>st</sup> street sanitary sewer design

## **HYDROLOGY PROJECTS**

Mirage Hotel hydrology study  
Mirage Hotel storm drain design  
Las Vegas Boulevard storm drain design (adjacent to Caesar's and Mirage Hotels)  
Bishop Gorman High School drainage design  
Saint Thomas Moore Catholic Church hydrology study  
Cannery mall hydrology study  
Shadow Creek Golf Course hydrology study  
King 8 Motel hydrology study  
Elks Lodge drainage study  
Lossee Road hydraulic overflow section design  
Caesar's Palace hydrology study  
Caesar's Palace box culvert hydraulic analysis  
Sanborn Office Complex hydrology study  
Shadow Creek Golf Course pipe culvert designs  
Ann Road box culvert design  
Caesar's Palace box culvert expansion  
Stardust Hotel hydrology study  
Forum Mall at Caesar's Palace hydrology study  
Forum Mall at Caesar's Palace bubbler design  
Forum Mall at Caesar's Palace storm drain system design  
Craig Road storm drain hydrology study  
Craig Road storm drain design  
Craig Road/Ranch Road box culvert design  
Green Valley Hotel storm drain design  
Rancho Palomino hydrology study  
"A" Street, Creswell, Oregon, storm drain design  
Len Casanova Center West Parking drainage design  
Bean Hall Parking Lot, University of Oregon, storm design  
Coburg School drainage design (including seepage pits)  
Lane County Fairgrounds storm drain design  
US Post Office (#23) storm drain design  
Centennial Boulevard storm drain design  
28<sup>th</sup> Street, Springfield, Oregon, storm drain design