

Improvements to Pinal Avenue

City of Casa Grande, AZ



Client

RDB Construction

Scope of Services

Hydrologic & Hydraulic Design

Topographic Survey

Grading

Intersection Design

Environmental Assessment

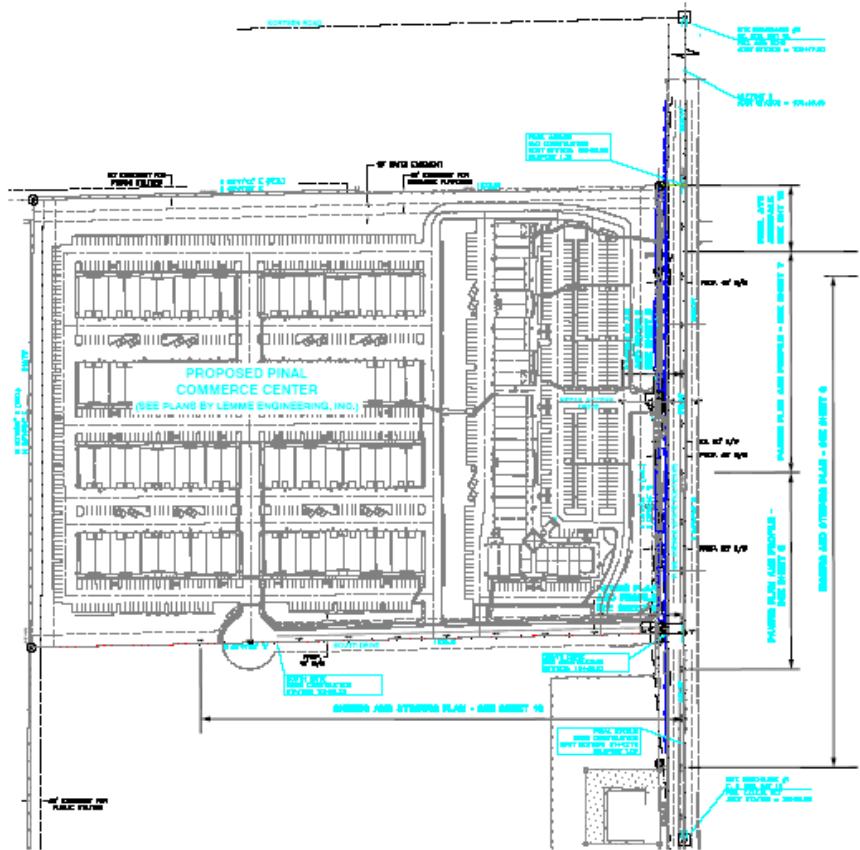
Contract Plan

Project Duration

Anticipated Completion 2009

Project Cost

\$200,000



Manhard Consulting worked with the Arizona Department of Transportation and the City of Casa Grande to design and prepare plans for improvements to Pinal Avenue (State Route 387). The improvements included the addition of two access drives to the proposed Pinal Commerce Center project.

The roadway improvements encompassed 850 feet of roadway widening to provide two deceleration lanes along Pinal Avenue and access to both the retail and office building portions of the proposed mixed use development, one drive consisting of 900 lineal feet of half street improvements under the jurisdiction of the City of Casa Grande.

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Plan elements included typical sections, plans and profiles, signage and striping. In-house services for the project included a topographical survey, hydrologic and hydraulic modeling and sight distance analysis. An environmental assessment per ADOT requirements was also performed to demonstrate that rules and regulations were followed according to the National Historic Preservation Act, Clean Air Act, Clean Water Act, Endangered Species Act and Native Plant Law.