JOHN W. BAIRD, P.E., R.P.L.S.

PRINCIPAL
SENIOR CIVIL ENGINEER

Experience:
Baird, Hampton & Brown, Inc.: 1992
Years Prior Experience: 23

Education:
University of Texas at Arlington / BS / 1972 / Civil Engineering

Registration:
1978 / TX / PE
1980 / TX / RPLS

Bio: Mr. Baird brings more than 30 years of active management, design, estimating and coordination experience to your projects. He has provided project management and design for many civil engineering projects for various client types. His design experience includes bridge and culvert projects, highways, streets and thoroughfares, water distribution and sewage collection, water and sewage treatment plants, industrial projects, extensive site development projects and subdivision layout and design.

PROJECT EXPERIENCE

Terminal C Parking Garage - DFW International Airport, TX – Project Manager for the design of a replacement parking structure at DFW International Airport to include approach drives, storm drainage, grading plan, and utility adjustments. The five level parking structure was designed to replace an existing three level structure.

Consolidated Aircraft Maintenance Dock - Carswell Air Force Base, TX – Civil engineering design for 58,600 SF aircraft maintenance dock, including concrete apron paving, two 30,000 gallon oil separators for AFFF retention, 16-inch off-site waterline for additional water supply and fire pump station.

Master Planning for New High School - Catholic Diocese of Fort Worth, TX – The master plan was prepared for the phased development of the campus, and included new academic buildings, athletic facilities, circulation, utilities and drainage.

Design of Lake Dallas Athletic Complex - Lake Dallas ISD, TX – Project included complete civil design work for an athletic complex consisting of a football and baseball stadiums, softball and soccer fields and a field house. The stadiums include grandstands, concession stands and press boxes. The civil design work included storm drainage systems, sanitary sewer system, paving, site layout, a retaining wall (8,000 LF ranging from 1' to 14' high), 6 fire hydrants, and 1,030 LF 8" and 1,340 LF 6" water lines.

New Main Post Office - Weatherford, TX – Civil engineering design for all site work for a New Main Post Office. Work included concrete parking and drives, truck docks and truck maneuvering area, utilities, storm drainage and earthwork, and coordination with City of Weatherford for an off-site sanitary sewer.

Site Development for North TX Medical Center - Gainesville, TX – Project engineer for this $20 M replacement hospital in Gainesville, TX. Complete site development of the 60 acre site involved approach drives, water and sewer systems, storm water detention, fire lanes and parking.

Veterans Affairs Hospital Expansion and Renovation - Temple, TX – Civil engineering management for the renovation and expansion of the hospital complex including the addition of a new three-story, 100,000 SF wing.

Lampasas County Courthouse - Lampasas, TX – Civil engineering design for the addition of a 15,000 SF, two-story office building to the courthouse. Civil designs included dimensional control and layout plan for all site improvements, grading and drainage plan, gas service and sanitary sewer to the 5' line of the building.

St. Patrick Cathedral - Fort Worth, TX – The civil engineering work for this project involved correcting drainage problems around the building. The historical restoration focused on restoring the existing limestone masonry, and there had been years of deterioration caused by years of water penetration into the masonry. In addition to civil engineering, a topographic and a boundary survey was performed around the property. The boundary survey was required by the City of Fort Worth to ensure the proper distance of newly constructed facilities from the existing right-of-way.