



DON HARRELSON, P.E.
ASSOCIATE
CIVIL ENGINEER

PROJECT EXPERIENCE

J1A Storm Drain Inspection & Analysis - D/FW Airport, TX – Project Engineer for the inspection and analysis of an existing galvanized corrugated steel plated pipe experiencing premature corrosion and distress. Served as project civil engineer on a team performing a complete survey of the storm drain pipe, from outfall to inlet, including horizontal alignment, flowline and existing height of pipe. Also included was a complete physical inspection, metallurgy inspection, cathodic protection and geotechnical investigation of backfill and soils surrounding the pipe.

Site Development - Hebron Office Center – Carrollton, TX – Responsible for engineering design of 2 acre site for a new 22,151 SF 2-story facility intended for both general office space and medical services. Design included a site drainage analysis, layout, grading, water, wastewater, and storm drainage conveyance utilities. Site work consisted of 75 parking spaces, fire department access, fire lane design and accessible sidewalks.

Site improvements - Lake Dallas ISD Athletic Facility, Corinth, TX – Responsible for site development associated with the Lake Dallas High School athletic facility addition. The addition included a football stadium, baseball stadium, softball field, soccer field, two practice fields, three concession areas, and a field house. The civil design included site development, grading and drainage, water and wastewater conveyance systems, parking, paving and retaining walls. The design of the 54 acre site included 704 new parking spaces, 4,440 LF of new 24' fire lane, 6,580 linear feet of new storm drainage, two onsite detention basins, and 1,370 LF of retaining walls. Approximately 2,625 feet of water line was added to the site for domestic, and fire service and 2,865 LF of sanitary sewer line was added. Additionally, an existing lift station was improved to accommodate the increased sewage flow. This development incorporated both public and private water and storm drainage systems.

Civil Engineering Design - Aubrey High School Athletic Complex, Aubrey, TX – Responsible for the civil engineering design of the Aubrey High School Athletic Complex. This project consisted of an expansion of the high school parking facility and addition of a new athletic complex. The parking expansion added 740 parking spaces to the high school complex for use by both the school and stadium activities. The athletic expansion consisted of an artificial turf football stadium with infield track, long / triple jump, high jump, and pole vault facilities. Additional facilities included a concessions stand, baseball field, two soccer fields, and softball field, discus/hammer, and shot put. In addition to the athletic facilities, this project included the reconstruction of approximately 850' of public roadway to provide access from SH-377. Mr. Harrelson met with affected residents to address their concerns and coordinated the access to FM-377 through the TxDOT office in Denton, TX. Mr. Harrelson was directly responsible for the civil design of this project including public and private paving, storm drainage, water, and sewer facilities and shaping the fields.

Complete Site Development - Campus Housing, Denton, TX – Included routing and design of a looped water distribution system consisting of several thousand feet of new water line. Also included design of an internal sewer collection system and an off-site sewer extension.

Experience:

Baird, Hampton & Brown, Inc.: 1998
Years Prior Experience: 3

Education:

The University of Texas at Arlington /
B.S.C.E. / 1996 / Civil Engineering

Registration:

TX / 2004 / Civil Engineering

Bio: Mr. Harrelson's experience includes 10+ years as a project manager and designer and 3 years in transportation research for the TX A&M University System. His experience includes work for commercial, private, municipal, educational, aviation, TxDOT, and federal (US Navy) projects. His project management and design experience includes site development, hydrologic and hydraulic analysis and design, roadway re-construction, drainage design, utility design, technical specifications, project scoping, project scheduling, cost scheduling, and resource management. He enjoys taking an active role in the project management and design and is proficient with modern design and CADD software packages.