



KONSTANTINE BAKINTAS, P.E.
PRINCIPAL
SENIOR CIVIL ENGINEER

PROJECT EXPERIENCE

Estelle Creek Bridge and FEMA FIRM CLOMR/LOMR, Irving, TX - A multi cell (5-11'X10') box culvert bridge over Estelle Creek to accommodate heavy (400,000 lbs.) construction equipment. Services provided included planning, surveying, hydraulic analysis, structural design, a FEMA Contingent Letter of Map Revision (CLOMR), construction documents, cost estimation, construction administration, and a FEMA Letter Of Map Revision (LOMR).

Analysis for Storm Water Utility District, Edgecliff Village, TX - A city wide (1.21 Sq. Mile) inventory of existing drainage infrastructure, development of a preliminary Drainage Master Plan, preparation of estimates of probable construction cost for the required improvements/upgrades, and identifying and developing budgets for drainage infrastructure maintenance. The overall effort also defined the need and scope of a Stormwater Utility District and recommended a storm water utility rate for residential and commercial customers.

Villas of Colleyville, Colleyville, TX - This is a 20± acre, 67-lot, gated community with entry features, a green belt, common park areas, trails and ponds with aeration fountains. Professional services provided included assistance with planned development zoning, topographic surveys, drainage analysis, storm water detention, roadway plans, profiles and cross-sections, mass/lot grading plans, storm drain profiles, water distribution system plans, sanitary sewer collection system plans and profiles, construction cost estimation, assistance with bidding and construction administration.

City Engineer, Town of Edgecliff Village, and City of Bridgeport, TX - As City Engineer for the Town of Edgecliff Village (since 1996) and the City of Bridgeport (since 2005), Mr. Bakintas provides ongoing engineering consultation, engineering design, planning, land surveying, and development review services to these small municipalities near the Dallas-Fort Worth metroplex. Assignments have included city mapping of existing infrastructure, preparation of Master (water, sewer, thoroughfare, and drainage) Plans, flood studies, and the development of infrastructure maintenance plans.

RaceTrac, and U-Haul, Dallas/Fort Worth Metroplex, TX - These are 1 to 5-acre, single lot, commercial developments within various municipalities throughout the Dallas-Fort Worth metroplex and surrounding area. Services typically provided include site investigation/feasibility studies, assistance with zoning, site plan approval, boundary & topographic surveys, drainage analysis, paving and dimensional plans, grading/drainage plans, storm water detention, utility site plans, construction details, construction cost estimation, and assistance with construction administration.

Church Street Realignment, Colleyville, TX - A roadway (4-lane arterial) realignment by developing a tight reverse curve design with super elevation. The scope of work included new right-of-way acquisition, TxDOT permitting, signal modifications to SH 26/Church Street intersection, water, sewer, paving, and storm drain improvements for this 1,400 linear foot roadway realignment/reconstruction project. Additionally, a hydrologic and hydraulic study was performed on Pleasant Run Creek to size a culvert bridge. Our overall efforts included structural design of a 6-cell 11'X5' box culvert bridge, construction cost estimation, assistance with bidding and construction administration.

Experience:

Baird, Hampton & Brown, Inc.: 1993
Years Prior Experience: 8

Education:

University of Utah: B.S./1985/Civil Engineering
University of Texas at Arlington: Masters / 1990 / Water Resources & Environmental

Registration:

TX/1990/Civil Engineering,
NCEES/1996/Civil Engineering

Professional Organizations:

National Society of Professional Engineers / 1986-Present, American Society of Civil Engineers / 1990-Present, TX Municipal League / 2008-Present

Bio: Mr. Bakintas' 20+ years of experience includes engineering design and project management for a wide variety of civil and environmental assignments. He has worked on projects for several municipalities, the Corps of Engineers, corporate, private and commercial clients. Representative project types include streets and thoroughfares, storm drainage systems and culverts/bridges, water distribution and sewerage collection systems, water/wastewater pumping and treatment facilities and commercial, industrial and residential developments. He has been responsible for coordination with governing agencies, preparation of construction plans, contract documents, technical specifications, cost estimation and construction administration/inspection.