

HYDROLOGY AND HYDRAULICS

EHRA is experienced in hydrologic and hydraulic analysis for small or large-scale land developments, flood plain analysis and mapping, public works drainage and flood reduction projects. Our staff uses HEC-HMS, HEC-RAS, HEC-GeoRAS, ICPR, SWMM, GIS and other software to perform drainage impact studies, regional storm water detention plans, and prepare FEMA Letters of Map Change (CLOMR, LOMR, LOMR-F). EHRA has been at the forefront of analyzing and integrating Low Impact Development techniques to improve storm water quality and reduce runoff in the Houston area. EHRA also excels at integrating hike and bike trails, landscaping, and athletic and recreational facilities with drainage and detention facilities to add value to the overall project.



Beaver Dam



Eagle Landing - Channel Rectification



Jacobs Reserve



Brickhouse Gully Detention



Terrace Brook



Towne Lake