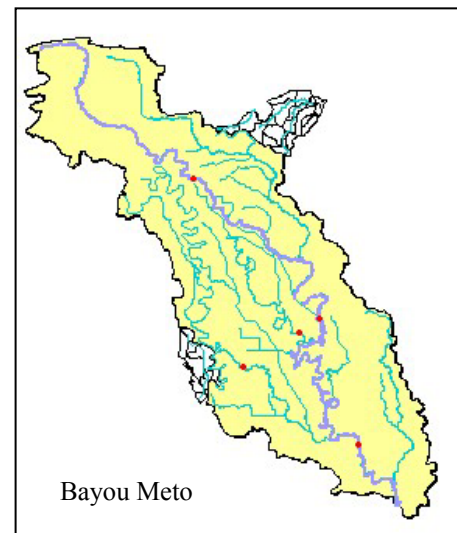
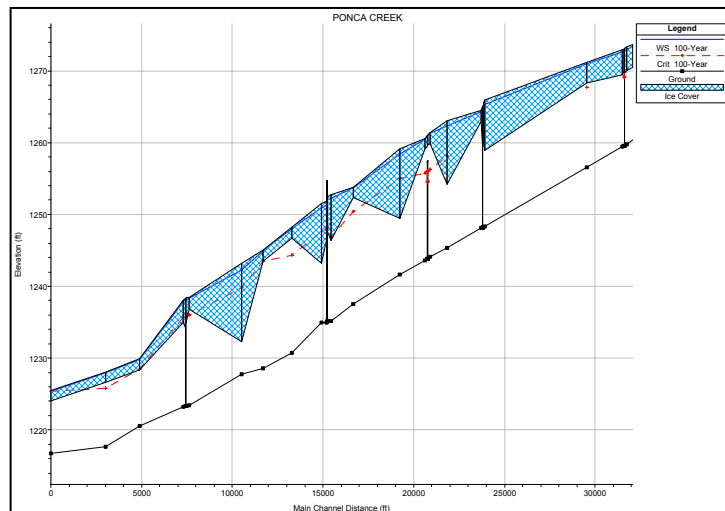




## IDIQ for Omaha District Corps of Engineers

Multiple work orders have been performed under this IDIQ contract for hydrology and hydraulics. An HEC-2, HEC-6 and geomorphologic study were conducted for 60 miles of the Missouri River between Gavins Point and Fort Randall to evaluate sedimentation issues in the reservoir. A floodplain delineation was conducted for Ponca Creek using HEC-RAS for both clear water and ice jam conditions. Unit hydrographs were developed for the James and Big Sioux Rivers to evaluate the 1997 snow melt flood. A user interface was programmed and developed for the in-house reservoir area capacity program. A sedimentation and geomorphic study was conducted for the Missouri River through Kansas City to evaluate the availability of in-channel sediment for levee construction. An HEC-6 model is presently being developed. This work order is actually being done for the Kansas City District under the Omaha IDIQ contract. A geomorphologic and HEC-6 study was conducted for the Big Bend of the Missouri River. Presently, under this IDIQ, a watershed study using GIS, HEC-HMS, and HEC-RAS is being conducted for Vicksburg District for Bayou Meto.



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