

Analysis of Gypsum Creek at Vickridge Estates

City of Wichita, Kansas



Streamside residents of the Vickridge Subdivision wanted to protect their homes and enhance the beauty of the neighborhood by restoring a reach of the Middle Branch of Gypsum Creek flowing through their property. The project reach is bounded by the Wichita Country Club Golf Course at the upstream end and by a low water crossing one-half mile downstream.



Intuition & Logic conducted a geomorphic analysis of the Middle Branch to evaluate the systemic stability of the stream. Interventions and management recommendations were designed according to Natural Channel Design methods. The resulting treatments were designed specifically to be minimally intrusive, with careful attention paid to aesthetic qualities, wildlife habitat, and incorporating native vegetation wherever possible.