

**11 W. MAIN STREET SITE AND PARKING LOT IMPROVEMENTS,
CARPENTERSVILLE, ILLINOIS**



The 11 W. Main Street site consists of 6.0 acres adjacent to the Fox River in Carpentersville. The site was once a robust foundry which has since been closed and has lain vacant for several years. Tom Roeser has been purchasing depressed properties within Carpentersville and restoring them to their previous beauty with new life and function.

This site has three existing buildings that were restored. The parking lot was reconfigured to operate efficiently. Since the majority of the site is within the 100 year floodplain and no stormwater detention was provided on the site previously, a creative method for providing detention was needed. The parking lot was constructed of a porous concrete pavement over several feet of washed stone that would store runoff, until it could be discharged to the river. Two sediment control chambers were designed to provide a best management practice meeting Village and IDNR regulations.

A new water distribution system was designed to replace the existing system that had been abandoned. The sanitary gravity sewer was rehabilitated through the use of manhole lining or replacement and main point repairs and lining.

The project included permitting through the USACE, IDNR and IEPA for the stormwater discharge outfalls and the bank stabilization adjacent to the existing building.

Services Provided:

- Concept Planning
- Grading and Utility Plan Design
- Stormwater Management Design
- Village Coordination
- U.S. Army Corps of Engineers Permitting
- Illinois Department of Natural Resources Permitting

This project reflects Firm
and Staff experience.



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