

Engineering Facilitation

Clients



Roadways

- Bridges and Drainage
- Roadways and Alignments
- Relocations
- Minimizing Impacts

Water Resources

- Dams and Conveyance
- Cross Drainage
- Water Treatment Plants
- Waste Water Plants

Buildings

- Hotels, Office, and Retail
- Hospital and Medical
- Courts and Security
- Colleges and Schools

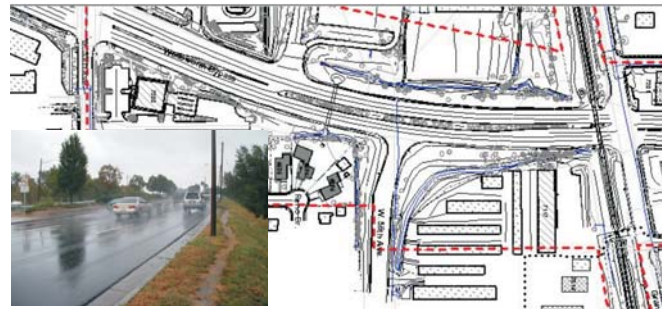
Environmental

- Nuclear and Chemical
- Public Feedback
- Avoidance
- Water and Air

Example Projects

Roadway Realignment with Railroad Impacts

The Wadsworth Bypass affects a huge number of historic, city, county, state, Federal, business, commuter, and other interests. Due to the political issues, the value study was performed at the Environmental Assessment phase. The study produced cost, engineering, time, and coordinating improvements, and has been nominated for an award by AASHTO (American Association of State Highway Transportation Officials) due to its success for adding value to the project and in bringing together many diverse interests.



Mni Wiconi Project

Water resource is an area that we have performed in over 500 times. This specific project that involved almost everything related to potable water. We had an intake facility on the Missouri River, a water treatment plant, hundreds of miles of pipelines and pipeline support facilities, distribution systems, sanitation systems, cross drainage structure, and waste systems; plus political and legal issues that affected it all. More than 50 studies overall. The objective was not to reduce overall cost, but to add to the number of served people receiving the water. We generated a 2.3 times increase in the people that received the water. Contractors even generated VECP's from our efforts adding even more benefits for the clients.

DOE Ohio Field Office Cleanup Operations

This is another series of projects that included a large array of activities. We studied over 20 projects throughout Ohio that included nuclear, chemical, and vapor contamination issues for the purpose of cleaning sites for various uses after the DOE ceased operations in them. We had the added problem of convincing people to complete their cleanup task earlier than scheduled (essentially asking them to put themselves out of work as soon as possible).

DOE and their contractors were up to the task. We helped DOE save billions in the cleanup, and were able to maintain employment in many career areas for the people involved (thus limiting economic impacts on the affected regions). Our biggest complaint? We worked ourselves out of a job, as much of the activities have now been completed.

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& Lean Systems Analysis Specialists**



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