

**Marquette Interchange—Core
Milwaukee, Wisconsin, U.S.
Wisconsin Department of Transportation**

The Marquette Interchange Project is the largest, most complex project that the Wisconsin Department of Transportation (WisDOT) has ever undertaken. The Federal Highway Administration has categorized the Marquette Interchange Project, with a construction cost of \$810 million, as a “Mega-Project” because of its complexity in the middle of Milwaukee’s downtown and the importance of the interchange to the Midwest economy.



The Marquette Interchange is vital to Wisconsin’s economy and transportation system since it joins I-94, I-794, and I-43, and is the cornerstone of the southeastern Wisconsin freeway system. Most of the area’s freeways intersect at the interchange, which links about one-third of the state’s freeway traffic to the rest of the country. The Core of the Marquette Interchange Project involves rebuilding all but one of the major system ramps connecting I-43, I-94, and I-794 in downtown Milwaukee. It includes the rebuilding of I-94/794 between 19th Street and the Milwaukee River as well as the demolition and rebuilding of the Wisconsin Avenue Bridge.

Collins Engineers, Inc.—partnering with team leader, CTE Engineers, in addition to Kapur & Associates, Inc.; Figg Engineering Group, Inc.; and CGC, Inc.—has been retained by WisDOT to provide construction engineering consultant services for the Core of the Marquette Interchange Project. These services include construction inspection, management, and documentation services for storm water structures and sewers for this section of the interchange.

As part of this project, Collins is performing site inspections; providing electronic documentation; leading weekly and special contractor meetings; and ensuring quality control for storm water diversion structures and plans to reconstruct the following elements:

- Concrete bridges
- MSE retaining walls
- Secant pile walls
- Drilled shafts
- Interstate highway pavement
- Local roadway pavement
- Utilities (over 100 types)
- Highway tunnel (cut and cover)
- Steel bridges
- Micro-tunneling sewers
- Storm sewers
- Sanitary sewers
- Water main
- Earthwork
- Traffic shifting and staging
- New sign structures and signing