

Wisconsin Street Bridge

over the Fox River

Oshkosh, Wisconsin



Project Highlights

The new Wisconsin Street Bridge provides a replacement crossing of the Fox River in the heart of Oshkosh. It accommodates four lanes of traffic on its 52-foot wide roadway with the wider outside lanes configured for shared use with bicyclists. A low profile traffic barrier system provides positive traffic/pedestrian separation while affording motorists a view of the waterway and allowing for an open architectural railing system outboard of the sidewalks.

Its main span consists of a structurally efficient double leaf bascule structure. When open, it provides a 75-foot wide navigation channel with unlimited vertical clearance. Modern electrical controls coupled with an onboard machinery system provide for highly reliable, smooth and automated operation that minimizes traffic delays.

Visually consistent details were provided throughout to meet the City's desire for a signature bridge. An arch shaped theme and earth tone colors are prevalent. Pre-cast concrete panels with architectural recesses and embedded LED light fixtures are attached to the fascia girders of the concrete approach spans to provide visual continuity with the movable span. Arch end spans accommodate under-passing multi-use recreational trails running along both shorelines.

The project reduces traffic congestion, provides a state of the art movable bridge that is very durable and highly functional, and complements its urban setting.



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