



PROJECT PROFILE:

STATE ROUTE 202 & INTERSTATE 70 INTERCHANGE RECONSTRUCTION

Summary: To improve safety and meet future traffic demands, LJB reconstructed this interchange in Huber Heights, Ohio.



PROJECT STATS

LOCATION: Huber Heights, OH

CLIENT: City of Huber Heights

CLIENT CONTACT: John Geiger
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COMPLETION DATE: November 2003

KEY SERVICES: Environmental planning
Roadway design
Traffic engineering
Transportation planning
Bridge design
Right-of-way acquisition

Growing traffic volume and changes in traffic patterns brought about the need for major improvements to this interchange, constructed in the 1950s. LJB conducted an interchange modification study, received approval for a categorical exclusion from the National Environmental Policy Act, and designed the interchange.

LJB chose a compressed diamond interchange that greatly improves the functionality and safety of the interchange while also providing for a foundation of commercial and industrial growth locally.

Design elements included access management; a steel bridge; wall-type mechanically stabilized earth abutments; storm sewer system; sidewalks, curbs, gutters and drive aprons; modular block retaining walls; a coordinated signal system through six intersections; and full maintenance of traffic during construction. New right-of-way lines were set to accommodate construction limits and LJB prepared legal descriptions and right-of-way plans including acquisition of 33 parcels.



The original interchange did not provide adequate capacity and impeded the flow of traffic.



The interchange design includes aesthetic enhancements to improve the gateway to this community.