

SR 39 Rehabilitation

SR 42 to US 40

Located in Hendricks and Morgan Counties, Indiana



SR 39

Scope:

Rehabilitation and reconstruction of 6.8 miles of 2-lane roadway, utilizing both rural and urban cross sections.

Services Provided:

Survey
Roadway Design
Bridge Design

Client:

INDOT

Contact:

Pete Kopetski
Project Manager
765-361-5246

Constructed:

2009 - 2011

Construction Cost:

\$12.2 million

Project Highlights

- This section of SR 39 serves the growing western suburban area of Indianapolis. The adjoining land uses are primarily agricultural and residential with a mixture of commercial including a golf course.
- Existing roadway had narrow 11 foot lanes with 1 to 2 foot wide stabilized shoulders.
- Proposed rural section included 2 – 12 foot lanes with 8 foot paved shoulders. Urban section through the Towns of Monrovia and Belleville utilized curb and gutter with new storm sewer systems.
- During design stage, areas adjacent to I-70 interchange were rezoned for warehouse use. Development of a large distribution center north of I-70, during the final stages of plan development, precipitated design changes to provide 2,300 feet of 4-lane roadway, including a bridge. Plan revisions were made quickly causing no delay to the project schedule. Design allowances were made and right of way was acquired to provide a future 5th lane.
- Select portions of the existing roadway were rehabilitated to lower overall project costs and offset additional lane construction costs.
- Roadway alignment and grade were adjusted to correct several horizontal and vertical geometric deficiencies.
- Four bridges within the project limits: Two bridges were exceptions to the project, however road grades were carefully designed to match these existing structures; one bridge was a rehabilitation; and one bridge was replaced with a 5 lane section structure to facilitate future road expansion.
- Extensive coordination with INDOT and environmental consultants to prepare stream relocation mitigation measures for the IDEM 401 permit.