

## Reconstruction of Iowa Highway 38

**Proposed recipient:**

City of Tipton

**Recipient address:**

City Hall, 407 Lynn Street, Tipton, IA 52772

**Requested amount:**

\$1,000,000

**Explanation of request:**

The project request is for the first two of three phases of the reconstruction of Iowa Highway 38, which is also known as Cedar Street. This is Tipton's "Main Street."

The Highway 38 corridor is challenging to pedestrians, bicyclists, and motorists. Unsafe conditions on the roadway are particularly dangerous for youth accessing Tipton's Elementary and Middle Schools west of Highway 38 and students attending the high school east of the project corridor. Elderly and disabled residents of Tipton are also constrained by poor access to downtown Tipton that are not compliant with ADA requirements. The regional transportation network is threatened because this access to State and Interstate highways is continuing to endure daily wear and tear.

Major project elements include new street pavement and resurfacing; replacement of curbs and gutters; replacement of pedestrian curb ramps and sidewalks for ADA compliance; repair and replacement of storm sewer; repair, replacement, and lining of sanitary sewers; repair and replacement of water mains; installation of new fiber optic conduit crossings; installation of a portion of a multipurpose trail; new lighting; and traffic signal upgrades. All sidewalk, crossing, and traffic signal improvements will be ADA compliant.

Specifically, upon the completion of all three phases, the project will:

- Upgrade traffic signals to include modern traffic detection from side and through directions to reduce wait time for traffic on Highway 38 and improve traffic flow.
- Install ADA compliant traffic signal push buttons, cross signals with auditory functions.
- Install ADA compliant crosswalks and ramps at all intersections.
- Install inlaid pavement markings.
- Provide a walking/bike trail along the project corridor, connecting to the future Crooked Creek Trail within the project corridor. The trail will extend to Tipton's Aquatic Center, Athletic Track, Ball Diamonds and Football field area. The ADA compliant route will promote non-vehicular attendance to sporting events and practices.
- Install standard highway lighting and decorative downtown lighting.
- Enhance streetscapes to increase mixed use and downtown business development.
- Facilitate the installation of needed broadband access for areas of Tipton.
- Strengthen fire-protection capabilities downtown by replacing an old, undersized, failing water main pipe with new 8-inch PVC water main pipe.
- Make the project location prime for commercial property development by replacing an undersized drainage system to carry storm water away.
- Perform spot repair, manhole replacement and lining of the sanitary sewer system, replace deteriorating sewer services.

As an investment of taxpayer funds, the Hwy 38 Project is critical to helping connect people with employment, education, health care, and other important destinations. The economic prosperity of a community is dependent on its ability to move people and goods. However, that mobility is constrained in Tipton by narrow sidewalks, a wide roadbed, long crosswalks, illegal left turns, poor ADA compliance, traffic signal breakdowns, and limited bike accommodations. The proposed improvements will enable rural Tipton residents to safely move about the community and save time and money along busy streets. The proposed project will also allow for concurrent installation of fiber optic conduit crossings as an expansion to essential service to this low-income community in an effort to bridge this digital divide. The project will also replace sanitary sewer mains, storm water mains, and water mains--many of which are only 4-inch mains.

Along with the much-improved public infrastructure, the City of Tipton projects the project will have a positive economic development impact. An economic analysis performed for the city's 2020 BUILD grant application found the project would have the following impacts:

- Net present value of costs (including both this project and the DOT's separate projects to complete the pavement sections to the north and south city limits: \$8.25 million.
- Net present value (with 7% Discount Rate) of benefits: \$37.9 million.
- Benefit Cost Ratio: 4.59.