City: Durant
Title of Project: Iowa DNR Sponsored Projects (Water Quality Projects) – Permeable Pavers, Bioswale and Agricultural Land Conversion
City's Population: 0

In a few sentences, give a summary of the project and why it was needed:
The City of Durant was faced with multiple water infrastructure projects including the deterioration of City-wide utilities. Frequent rainfall events often flooded streets and adjacent private properties across the City causing an increased rate of aging street pavement, creation of multiple pot holes, reduced drainage ability and overall security for residents. Additionally, sanitary sewer and water utilities in multiple areas were in need of repair as they were aged and undersized. The City, with recommendations from engineering partner MSA Professional Services, Inc. (MSA), used the Clean Water State Revolving Fund (SRF) grants to improve these issues. Three water quality improvement projects were created through the SRF grants, including: Permeable Pavers on 6th Avenue (in front of Jeff’s Market, the local grocery store); Bioswale (along the rear of an industrial subdivision which contained a large roof areas with the corresponding stormwater runoff); and Agricultural Land Conversion to the native prairie (City-owned property surrounding the newly constructed wastewater treatment plant). All projects improved the water quality in Durant’s watershed in which wastewater utilities are located. The overall interest rate was reduced allowing the utility to finance and combine two projects into one.

Explain the specific role of your city in this project:
The City of Durant teamed with MSA to provide the guidance and financial ability to allow multiple water and wastewater improvement projects to become a reality.

In a few sentences, what future impact will this project have on your community?
The City of Durant prioritized these projects in order to improve the overall water quality of the watersheds within their City. These projects improved downstream water quality for landowners living in and beyond the Durant City Limits.

Total cost of project: $558,000
List where funding came from. (grants, donations, city funds, etc):
SRF Grant (Loan Reimbursement)

Total time project took/projected to take for completion. Please include start date and end date. (To qualify the project must be operating or completed between January 1, 2017 and December 31, 2017):
Construction Start – July 5, 2017; Construction Substantial Completion – November 28, 2017

Resources. (Please list Web sites judges may reference if they seek additional information.):
www.iowasrf.com/about_srf/sponsored-project-manual