

VINE STREET IMPROVEMENTS AND CULVERT REPLACEMENT

MACON, MISSOURI



PROJECT DESCRIPTION

McClure partnered with Boone Construction Company for the City of Macon's Vine Street Improvements Box Culvert Replacement. McClure performed a topographic survey, hydraulic calculations, designed the culvert to allow two-way traffic, and considered the effect of the new culvert on the 24-inch sanitary sewer located downstream. We provided Boone Construction Company with construction staking. McClure also developed final construction plans, specifications, bidding and contract documents and opinion of construction costs. We assisted the City to obtain the required Corps and MoDNR permits, and we provided Boone Construction Company with construction staking.



PROJECT HIGHLIGHTS:

- Improved the safety of the roadway by designing a wider structure with guardrails.
- Provided a solution to preserve and protect an existing sanitary sewer line.
- New larger box culvert conveys more hydraulic flow, further protecting the roadway and traveling public.

COMPLETION DATE

2016

REFERENCE

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