

# NW NORTHWOOD ROAD (52<sup>ND</sup> TO 59<sup>TH</sup> STREET DESIGN)

KANSAS CITY, MISSOURI



## PROJECT DESCRIPTION

McClure provided design and survey services to improve Northwood Road from 52<sup>nd</sup> Street to 59<sup>th</sup> Terrace in Kansas City, Missouri. The improvements include improving steep grades and crest hills, widening the street, providing sidewalk and/or trail, replacing water mains, and constructing a new roundabout at 56<sup>th</sup> Street. Specifically, this 4740' improved roadway has a 24' typical section with curb and gutter, enclosed drainage, new street lighting and an improved intersection and crosswalks by Southeast Elementary School. The project included new retaining walls and sidewalks. Traffic control and specifications were designed to provide access to residents at all times.

Utility relocation caused significant redesign efforts when KCMO Water Services decided to change its design concept midway through design. Soon after those changes were made, KC City Council directed Public Works to adjust the typical section, which changed all cross-sections, drainage offsets, etc. McClure worked through the changes to provide a set of plans that bid for less than the Engineer's estimate and had very few changes.

## PROJECT HIGHLIGHTS:

- Retaining walls, new sidewalks and new street lighting were included.
- Enclosed drainage and water line improvements.
- A new roundabout was installed at the intersection of Northwood Road and 56<sup>th</sup> Street.
- New trails connect two schools with surrounding neighborhoods.

## COMPLETION DATE

2021

## COST OF SERVICES

\$4.6M

## REFERENCE

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