

C AVENUE NE RECONSTRUCTION

CEDAR RAPIDS, IOWA



PROJECT DESCRIPTION

As part of the City of Cedar Rapids's Paving for Progress program funded by the Local Option Sales Tax, the City identified this portion of C Avenue as requiring reconstruction. This section of C Avenue was classified as a minor arterial based on the traffic volumes. Adjacent to the street were 30 residential properties, one commercial property, and Cedar Memorial Cemetery. It was essential to maintain access to the homes during construction. The roadway corridor was not as wide as typical arterial roadway sections, resulting in a tighter workspace to complete the project.

McClure prepared a functional design report establishing a phasing plan that was constructible and yet maintained access to residents along C Avenue. To comply with the City Complete Streets Policy, the sidewalk was constructed along both sides of C Avenue throughout the project limits. McClure developed a typical section that included two six-foot-wide bike lanes between the travel lanes and the curb. This was accomplished without expanding the overall curb-to-curb width of the original street.

Lane widths were reduced from 12-foot lanes to 11-foot lanes. Two open house meetings were held to present the project to the public and local residents. Both were well attended and informative to the public. Some comments discussed at the open house meetings resulted in minor modifications to the project plans. Construction began in May 2017.

COMPLETION DATE

2017

COST OF SERVICES

Engineer's Estimate: \$3.4M

As- Bid Cost: \$1.93M

Final Cost: \$1.9M

REFERENCE

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