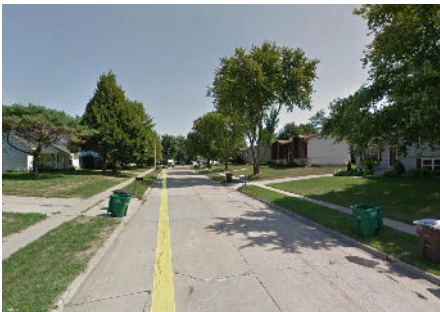


WAKONDA DRIVE CRACK & SEAT

NORWALK, IOWA



PROJECT DESCRIPTION

The City of Norwalk knew the residential infrastructure within the community was deteriorating, particularly within the Lakewood neighborhood. Once a rural county subdivision, this neighborhood was experiencing advanced deterioration of the street network, which contributed to an overall feeling of neglect among the residents, and lowered property values. An approach to address the needs of the infrastructure, while minimizing the impact to the residents was needed.

McClure completed Phase 1 of the “Norwalk Community Infrastructure Study” or NCIS. This study quantified the condition of the streets, assigning a Pavement Condition Index or PCI value to street segments within the neighborhood. Based on the PCI value and other factors such as vertical displacement of pavement, and settlement of service trenches, a recommendation of either reconstruction or rehabilitation was made for each segment. Wakonda Drive was first on the list to be addressed, and based on the PCI value and other factors including its higher traffic level as a minor collector, a Crack and Seat with HMA Overlay was recommended.

The project included; replacement of the curb and gutter, new subdrains along the street with future connections for sump pumps, installation of new sidewalk where none currently existed, and modifications to the pedestrian ramps to meet current ADA standards.

PROJECT HIGHLIGHTS:

- By utilizing the Crack and Seat method of rehabilitation, 95% of the construction activity was accomplished under traffic
- Residents along Wakonda experienced, on average, 4 to 6 days of closure spread out over the duration of the project
- On-site project personnel knocked on every door and met every neighbor, providing them with parking passes for dedicated spots on the side streets when their driveways were closed
- Our staff also explained how the trash service would be handled by the contractor, and where temporary mailboxes were located during construction
- McClure staff was on a first-name basis with everyone and reachable by phone and email

REFERENCE

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COMPLETION DATE

Spring 2017