

Old Middleton Road and Craig Avenue Resurfacing Assessment District-2021

Project Engineer: Fadi El Musa

Alders: Keith Furman and Arvina Martin

Limits: Old Middleton Road (Capital Ave. to east N. Eau Claire Ave.), Craig Avenue (University Ave. to railroad tracks)

Underground Utilities

Sanitary Sewer:

Existing sanitary sewers on Old Middleton Rd.

- Capital to Old Sauk- 1956 and 1958 Vitrified Clay Pipe
- Old Sauk to N. Rosa- 1956 Vitrified Clay Pipe
- N. Rosa to N. Whitney- (1940, 1947, and 1966) Vitrified Clay Pipe, 1966 Cast Iron Force Main, and 1966 Reinforced Concrete Pipe
- N. Whitney to N. Eau Claire- 1966 Reinforced Concrete Pipe

Existing sanitary sewers on Craig Ave.

- University Ave. to railroad tracks- 1950 Vitrified Clay Pipe

Proposed sanitary sewer on Old Middleton Rd and Craig.

- Replace the existing clay sanitary sewer mains with new PVC pipes and replace laterals from the new main to the property line.
- Old Middleton Rd. mains located in backyards will be abandoned and laterals will be reconnected to the proposed main under the street.

Water Mains:

Existing water mains on Old Middleton Rd.

- Capital to Old Sauk- 1956 and 1958 Cast Iron
- Old Sauk to N. Rosa- 1964 Cast Iron
- N. Rosa to N. Whitney- (1957, 1959, and 1960) Cast Iron, (1975, and 1995) Ductile Iron
- N. Whitney to N. Eau Claire- 1956 Cast Iron

Existing water main on Craig Ave.

- University Ave. to railroad tracks- 1950 Spun Cast Iron

Proposed water main on Old Middleton Rd and Craig.

- Will not be replaced except at potential vertical conflicts with proposed storm sewer.

Storm Sewer:

Existing storm sewer mains on Old Middleton Rd.

- Capital to Old Sauk- 1966 Reinforced Concrete Pipe
- Old Sauk to N. Rosa- 1966 Reinforced Concrete Pipe
- N. Rosa to N. Whitney- 1961 Reinforced Concrete Box Culvert and 1978 Reinforced Concrete Pipe
- N. Whitney to N. Eau Claire- 1964 Reinforced Concrete Pipe

Existing storm sewer mains on Craig Ave.

- University Ave. to railroad tracks- 1955 Reinforced Concrete Pipe

Proposed storm sewer on Old Middleton Rd and Craig Ave.

- Replace damaged storm sewer pipes, inlets and access structures throughout the project limits. Install new storm sewer where needed to improve stormwater surface drainage.
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Street and Sidewalk

Existing street condition on Old Middleton Rd.

- Capital to Old Sauk- Pavement Rating= 4/10, Curb Rating = 6/10
- Old Sauk to N. Rosa- Pavement Rating = 5/10, Curb Rating = 7/10
- N. Rosa to N. Whitney- Pavement Rating = 5/10, Curb Rating = 7/10
- N. Whitney to N. Eau Claire- Pavement Rating = 5/10, Curb Rating = 7/10

Existing street condition on Craig Ave.

- University Ave. to railroad tracks- Pavement Rating= 4/10, Curb Rating= 5/10

Proposed street and sidewalk improvements on Old Middleton Rd.

- Replace all pavement surface and pavement base within project limits.
- Remove and replace curb, gutter, sidewalk, and driveway aprons in poor condition or as needed to replace a sanitary sewer lateral.
- Restore disturbed terrace areas with topsoil, grass seed, and matting.
- Install sections of new sidewalk fronting 5418 and 5372 Old Middleton Rd., and 5414 Gettle Ave.
- Install buffered bike lane pavement markings throughout the entire length of the project limits.
- Replace pedestrian ramps in poor condition or not meeting A.D.A. design standards.
- Remove on street parking throughout the project limits in order to install buffered bike lanes.
- Replace existing City owned street lights.
- Replace traffic signals at Old Middleton/ N. Whitney intersection.

Proposed street and sidewalk improvements on Craig Ave.

- Replace all pavement surface and pavement base within project limits.
- Replace all curb and gutter. Street width will remain the same as existing.
- Replace all concrete terrace walkways.
- Restore disturbed terrace areas with topsoil, grass seed, and matting.
- Replace sidewalk sections in poor condition or as needed to replace a sewer lateral.
- Replace all pedestrian ramps not meeting A.D.A. design standards.

Tree Removals

Old Middleton Rd. Tree Removals

- Tree removals due to bad health conditions are planned at the following addresses:
 - 510 Merrill (19" Littleleaf Linden)
 - 5315 Old Middleton (20" Littleleaf Linden)
 - 5317 Old Middleton (10" Littleleaf Linden)
 - 3 trees fronting 1509 Capital (4" Norway Maple, 5" Basswood, 6" Basswood)

Craig Ave. Tree Removals

- Tree removals due to bad health conditions are planned at the following addresses:
 - One fronting unit 103 (27" Norway Maple)
 - One fronting unit 40 (22" Norway Maple)
 - One located at traffic circle in front of unit 139 (8" Hawthorn)
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Assessment Policy Breakdown Item	Property Owner Share	City Share
Curb & Gutter Replacement	50%	50%
Driveway Apron Replacement	50%	50%
Sidewalk Replacement	50%	50%
New Sidewalk installation	100%	0%
Sanitary Laterals to property line	25%	75%
Water Main Replacement	0%	100%
Sanitary Sewer Main Replacement	0%	100%
Storm Sewer Main Replacement	0%	100%
Terrace Rain Gardens	\$200	Rest
Private Storm Sewer Lateral	100%	0%

Project Costs:

Total Cost: \$8,999,860.00

Assessments: \$588,540.18

City Cost: \$8,411,319.82

Project Schedule:

Advertise for bids: 1/ 20/ 2022

Construction: Start on April 2022 and completion on October 2022.

Project Location Map (Red Lines)

