

2019 Neighborhood Infrastructure Improvements

Proposed Design Information

AREA 1

Louis Lane (North End to Southview Dr)

Street Improvements

| <u>Segment</u> | <u>Existing Width</u> | <u>Proposed Width</u> | <u>Length</u> |
|------------------------------------|-----------------------|-----------------------|---------------|
| North End to 21 st St W | ±36' | ±36' | 2,180' |

- Spot replacement of existing curb and gutter
- Full depth reclaim of the street with new pavement
- Install new 10' trail on east side of street between 19th St W and 21st St W **OR** along rear yards of properties on east side of street between 19th St W and 21st St W. Refer to **Trail Options** for additional information
- No new sidewalk segments proposed

| <u>Segment</u> | <u>Existing Width</u> | <u>Proposed Width</u> | <u>Length</u> |
|---------------------------------------|-----------------------|-----------------------|---------------|
| 21 st St W to Southview Dr | ±32' | 32' | 505' |

- New curb and gutter and driveway aprons along east side of street to accommodate new trail
- Spot replacement of existing curb and gutter along west side of street
- Full depth reclaim of the street with new pavement
- Install new 10' trail along east side of street

Utility Improvements

- Installation of new storm sewer pipe and structures to improve street drainage
- **MAY** include filling in drainage swale and installing new storm sewer pipe and structures along rear yards of properties on east side of street between 19th St W and 21st St W. Refer to **Trail Options** for additional information
- Replacement of existing storm sewer and sanitary sewer castings

Ridge Lane (19th St W to 21st St W)

Street Improvements

Existing Width: ±32' Proposed Width: 32' Length: 820'

- New curb and gutter and driveway aprons
- Complete reconstruct of street with engineered base material and new pavement
- **MAY** include installing new 10' trail along rear yards of properties on west side of street
- No new sidewalk segments proposed

Utility Improvements

- Replacement of existing water main
- Installation of new storm sewer pipe and structures to improve street drainage
- **MAY** include filling in drainage swale and installing new storm sewer pipe and structures along rear yards of properties on west side of street. Refer to **Trail Options** for additional information
- Replacement of existing water services
- Replacement of existing storm sewer and sanitary sewer castings

Edgewood Lane (19th St W to 21st St W)

Street Improvements

Existing Width: ±32' Proposed Width: 32' Length: 820'

- New curb and gutter and driveway aprons
- Complete reconstruct of street with engineered base material and new pavement
- No new sidewalk segments proposed

Utility Improvements

- Replacement of existing water main
- Installation of new storm sewer pipe and structures to improve street drainage
- Replacement of existing water services
- Replacement of existing storm sewer and sanitary sewer castings

Manor Lane (North End to 21st St W)

Street Improvements

| <u>Segment</u> | <u>Existing Width</u> | <u>Proposed Width</u> | <u>Length</u> |
|--|-----------------------|-----------------------|---------------|
| North End to 19 th St W | ±36' | 32' | 965' |
| Cul-De-Sac | ±100' diameter | 90' diameter | |
| 19 th St W to 21 st St W | ±32' | 32' | 815' |

- New curb and gutter and driveway aprons
- Complete reconstruct of street with engineered base material and new pavement
- No new sidewalk segments proposed

Utility Improvements

- Replacement of existing water main
- Rehabilitation of sanitary sewer main with cured in place pipe (CIPP) north of 19th St W
- Installation of new storm sewer pipe and structures to improve street drainage
- Replacement of existing water services
- Replacement of existing sanitary sewer services north of 19th St W
- Replacement of existing storm sewer and sanitary sewer castings

Manor Court (West End to Manor Ln)

Street Improvements

Existing Width: ±36' Proposed Width: 32' Length: 190'
Existing Cul-De-Sac Diameter: ±100' Proposed Cul-De-Sac Diameter: ±90'

- New curb and gutter and driveway aprons
- Complete reconstruct of street with engineered base material and new pavement
- No new sidewalk segments proposed

Utility Improvements

- Replacement of existing water main
- Rehabilitation of sanitary sewer main with cured in place pipe (CIPP)
- Replacement of existing water services
- Replacement of existing sanitary sewer services
- Replacement of existing storm sewer and sanitary sewer castings

18th Street West (Manor Ln to Pine St)

Street Improvements

Existing Width: ±36' Proposed Width: ±36' Length: 280'

- Spot replacement of existing curb and gutter
- Full depth reclaim of the street with new pavement
- No new sidewalk segments proposed

Utility Improvements

- Replacement of existing storm sewer and sanitary sewer castings

19th Street West (Louis Ln to Pine St)

Street Improvements

| <u>Segment</u> | <u>Existing Width</u> | <u>Proposed Width</u> | <u>Length</u> |
|----------------------|-----------------------|-----------------------|---------------|
| Louis Ln to Manor Ln | ±36' | 32' | 960' |

- New curb and gutter and driveway aprons
- Complete reconstruct of street with engineered base material and new pavement
- Install new 10' trail crossing mid-block between Louis Ln and Ridge Ln **OR** install new 10' trail along north side from Louis Ln to mid-block between Louis Ln and Ridge Ln. Refer to **Trail Options** for additional information
- No new sidewalk segments proposed

19th Street West (Louis Ln to Pine St) – *continued*

| <u>Segment</u> | <u>Existing Width</u> | <u>Proposed Width</u> | <u>Length</u> |
|---------------------|-----------------------|-----------------------|---------------|
| Manor Ln to Pine St | ±36' | 36' | 320' |

- Spot replacement of existing curb and gutter
- Full depth reclaim of the street with new pavement
- No new sidewalk segments proposed

Utility Improvements

- Replacement of existing water main (Louis Ln to Manor Ln only)
- Replacement/Relocation of existing sanitary sewer main (250'±) west of Manor Ln
- Installation of new storm sewer pipe and structures
- Replacement of existing water services (Louis Ln to Manor Ln only)
- Replacement of existing sanitary sewer services (2) west of Manor Ln
- Replacement of existing storm sewer and sanitary sewer castings

21st Street West (Louis Ln to Pine St)

Street Improvements

Existing Width: ±32' Proposed Width: 32' Length: 1,280'

- New curb and gutter and driveway aprons
- Complete reconstruct of street with engineered base material and new pavement
- **MAY** include installing new 10' trail along north side from Louis Ln to mid-block between Louis Ln and Ridge Ln. Refer to **Trail Options** for additional information
- No new sidewalk segments proposed

Utility Improvements

- Replacement of existing water main
- Rehabilitation of sanitary sewer main with cured in place pipe (CIPP)
- Installation of new storm sewer pipe and structures
- Replacement of existing water services
- Replacement of existing sanitary sewer services
- Replacement of existing storm sewer and sanitary sewer castings

Southview Court (Southview Dr to South End)

Street Improvements

Existing Width: ±36' Proposed Width: 36' Length: 595'

- Spot replacement of existing curb and gutter
- Full depth reclaim of the street with new pavement
- No other new sidewalk segments proposed

Utility Improvements

- Replacement of existing storm sewer and sanitary sewer castings

Trail Options

Option #1 (Rear Yard from 19th St to 21st St)

- Install new 10' trail beginning at existing trail on north side of 19th St W, proceeding south through existing drainage swale between Louis Ln and Ridge Ln to 21st St W, then proceeding west along north side of 21st St W to Louis Ln, then proceeding south along the east side of Louis Ln to Southview Dr and the existing trail
- This alignment will require filling in the existing drainage swale between Louis Ln and Ridge Ln and installing new storm sewer pipes and structures beneath the trail.

Option #2 (East Side of Louis Ln)

- Install new 10' trail beginning at existing trail on north side of 19th St W, proceeding west along the north side of 19th St W to Louis Ln, then proceeding south along the east side of Louis Ln to Southview Dr and the existing trail

AREA 2

Specific Street Segments Include:

Bohlken Drive (150' west of Hackberry Dr to Cannon St)

Hackberry Drive (Bohlken Dr to Cannon St)

South Park Court (Hackberry Dr to East End)

Hackberry Circle (Hackberry Dr to East End)

South Park Drive (175' west of Hackberry Dr to Hackberry Dr)

Highview Knoll (North End to 31st St W)

Highview Drive (31st St W to South End)

Leroy Avenue (31st St W to 35th St W)

Lester Avenue (31st St W to 35th St W)

31st Street West (75' west of Highview Knoll to Cannon St)

33rd Street West (Leroy Ave to Cannon St)

35th Street West (180' west of Leroy Ave to Lester Ave)

Street Improvements

Existing Width: ±36'

Proposed Width: ±36'

Length: 8,450'

- Spot replacement of existing curb and gutter
- Complete reconstruct of street with reclaimed base material and pavement
- Install new sidewalk along north side of 31st St W from Highview Knoll to Leroy Ave
- No other new sidewalk segments proposed

Utility Improvements

- Replacement of existing storm sewer and sanitary sewer castings

Total Project Length (Area 1 & 2): 18,180 feet (3.44 miles)