

PLANNED CAPITAL IMPROVEMENT PROJECTS

2020 Construction Projects

1) Shakertown Road Extension; PID# 100929

Project Description: The project generally consists of the relocation and extension of Shakertown Road to Factory Road and will include the following components:

- Eliminate the US-35/Shakertown Road Intersection
- Realign Alpha-Bellbrook Road to make a T-intersection with Shakertown Road west of Factory Road
- Provide two (2) through lanes and four (4) foot paved shoulders
- Intersection with Factory Road will be three (3) lanes wide to provide a left turn lane
- Installation of curb, gutter, and storm sewer

Funding:

| | <u>FEDERAL</u> | <u>LOCAL</u> | <u>TOTAL</u> |
|--------------|-------------------|------------------|--------------|
| Engineering | \$0 (0%) | \$164,000 (100%) | \$164,000 |
| Right-of-Way | \$490,000 (70%) | \$210,000 (30%) | \$700,000 |
| Construction | \$1,722,700 (70%) | \$738,300 (30%) | \$2,461,000 |

Status: Design and right-of-way acquisition are complete. Construction started in early 2019 and will continue through 2020.

2) Kemp Road Widening; PID# 100924

Project Description: The project generally consists of the widening of Kemp Road between Grange Hall Road and Meadowcourt Drive to include the following components:

- The widening of Kemp Road to three (3) lanes for a center turn lane
- Installation of curb, gutter, and storm sewer
- Installation of an eight (8) foot wide sidepath along the north side of Kemp Road
- Installation of a five (5) foot wide sidewalk along the south side of Kemp Road

Funding:

| | <u>FEDERAL</u> | <u>State/Other</u> | <u>LOCAL</u> | <u>TOTAL</u> |
|--------------|-----------------|--------------------|-------------------|--------------|
| Engineering | \$0 (0%) | \$0 | \$140,000 (100%) | \$140,000 |
| Right-of-Way | \$0 (0%) | \$0 | \$100,000 (100%) | \$100,000 |
| Construction | \$987,610 (32%) | \$910,000 (30%) | \$1,152,390 (38%) | \$3,050,000 |

Status: Design work and right-of-way acquisition are complete. Construction is currently scheduled to start in early 2020.

PLANNED CAPITAL IMPROVEMENT PROJECTS

2020 Construction Projects (cont.)

3) Dayton-Xenia Road Widening (E. Lynn Dr. to Woods Dr.); PID# 98146

Project Description: The project generally consists of the following components:

- The widening of Dayton-Xenia Road to three (3) lanes, along with the installation of curb, gutter, and storm sewer.
- The installation of sidewalks on both sides of the roadway.
- Brick pavers in treelawn

Funding:

| | <u>FEDERAL</u> | <u>LOCAL</u> | <u>TOTAL</u> |
|--------------|-------------------|-------------------|--------------|
| Engineering | \$0 (0%) | \$260,000 (100%) | \$260,000 |
| Right-of-Way | \$360,000 (80%) | \$90,000 (20%) | \$450,000 |
| Construction | \$2,225,600 (60%) | \$1,474,400 (40%) | \$3,700,000 |

Status: Design work and right-of-way acquisition are complete. Construction is currently scheduled to start in 2020.

4) Col. Glenn Highway Streetscape; PID# 103492

Project Description: The project generally consists of streetscape of Col. Glenn Highway from Zink Road to Presidential Drive and will include the following components:

- Installation of brick pavers, lighting, and landscaping.
- Designed to match enhancements planned by the City of Fairborn along Col. Glenn Highway, just east of the Beavercreek Corporation Limit.
- Reconstruction of existing signals at Zink Road and Presidential Drive.
- Completion of sidewalk along the south side of the roadway

Funding:

| | <u>FEDERAL</u> | <u>LOCAL</u> | <u>TOTAL</u> |
|--------------|-----------------|------------------|--------------|
| Engineering | \$0 (0%) | \$90,000 (100%) | \$90,000 |
| Right-of-Way | \$0 (0%) | \$100,000 (100%) | \$100,000 |
| Construction | \$693,000 (75%) | \$231,000 (25%) | \$924,000 |

Status: Design work and right-of-way acquisition are complete. Construction is currently scheduled to start in 2020.

PLANNED CAPITAL IMPROVEMENT PROJECTS

2020 Construction Projects (cont.)

5) SR 835 Resurfacing (West Corp Limit to US 35 Exit Ramp); PID# 108934

Project Description: The project generally consists of resurfacing SR 835 (Research Blvd) from the west corporation limit to the US 35 off-ramp will to include base repairs, milling, resurfacing, and curb and median replacement.

Funding:

| | <u>FEDERAL</u> | <u>STATE/OTHER</u> | <u>LOCAL</u> | <u>TOTAL</u> |
|--------------|-------------------|--------------------|-----------------|--------------|
| Construction | \$1,017,219 (51%) | \$500,000 (25%) | \$482,781 (24%) | \$2,000,000 |

Status: Design is ongoing and will continue through early. Construction is currently scheduled to start in summer 2020.

6) Kemp Road Signal Interconnect Project; PID# 103590

Project Description: The project generally consists of the following components:

- Installation of fiber optic signal interconnect cable along Kemp Road between Grange Hall Road and Hanes Road.
- Reconstruction of the traffic signal at Kemp Road and Turnbull Road.
- Signal upgrades including LED signal heads, battery backup systems, video vehicle detection, and controller upgrades.
- Curb ramp upgrades to current ADA standards.

Funding:

| | <u>FEDERAL</u> | <u>LOCAL</u> | <u>TOTAL</u> |
|--------------|-----------------|-----------------|--------------|
| Engineering | \$0 (0%) | \$60,000 (100%) | \$60,000 |
| Right-of-Way | \$0 (0%) | \$0 (100%) | \$0 |
| Construction | \$429,000 (61%) | \$271,000 (39%) | \$700,000 |

Status: Design work and right-of-way acquisition are complete. Construction is currently scheduled to start in 2020.

7) Locke Drive Culvert Replacement

Project Description: The project generally consists of the replacement of the double barrel culvert on Lock Drive with a new 18'x5' box culvert.

Funding:

| | <u>FEDERAL</u> | <u>LOCAL</u> | <u>TOTAL</u> |
|--------------|----------------|------------------|--------------|
| Construction | \$0 (0%) | \$200,000 (100%) | \$200,000 |

Status: Design work and right-of-way acquisition are complete. Construction is currently scheduled to start in 2020.

PLANNED CAPITAL IMPROVEMENT PROJECTS

2020 Construction Projects (Cont.)

8) Storm Sewer Improvement Project

Project Description: The project generally consists of the installation of new storm sewer along Cedarwood Drive and Nantucket Road.

Funding:

| | <u>FEDERAL</u> | <u>LOCAL</u> | <u>TOTAL</u> |
|--------------|----------------|------------------|--------------|
| Construction | \$0 (0%) | \$110,000 (100%) | \$110,000 |

Status: Design work and right-of-way acquisition are complete. Construction is currently scheduled to start in 2020.

2021 Construction Projects

9) Indian Ripple Road Bikepath Project; PID# 103493

Project Description: The project generally consists of the following components:

- An eight (8) foot sidepath along the north side of Indian Ripple Road between Harbert Drive and Grange Hall Road.
- A five (5) foot wide sidewalk along the south side of Indian Ripple Road from the east of Marydale Drive to Grange Hall Road.
- Curb and gutter and storm sewer along the north and south sides of Indian Ripple Road to Grange Hall Road.

Funding:

| | <u>FEDERAL</u> | <u>LOCAL</u> | <u>TOTAL</u> |
|--------------|-----------------|------------------|--------------|
| Engineering | \$0 (0%) | \$65,000 (100%) | \$65,000 |
| Right-of-Way | \$0 (0%) | \$150,000 (100%) | \$150,000 |
| Construction | \$371,000 (60%) | \$233,200 (40%) | \$604,200 |

Status: Design work began in 2018 and will continue through 2020. Right-of-Way acquisition began in 2019 and will continue through 2020. Construction is currently scheduled to start in 2021.

PLANNED CAPITAL IMPROVEMENT PROJECTS

2021 Construction Projects (cont.)

10) Factory Road Widening (Creekside Trail to Nutter Park); PID# 98146

Project Description: The project generally consists of the following components:

- The widening of Factory Road to three (3) lanes, along with the installation of curb, gutter, and storm sewer.
- The installation of sidewalk along the west side of the roadway.

Funding:

| | <u>FEDERAL</u> | <u>LOCAL</u> | <u>TOTAL</u> |
|--------------|-------------------|------------------|--------------|
| Engineering | \$0 (0%) | \$260,000 (100%) | \$260,000 |
| Right-of-Way | \$360,000 (80%) | \$90,000 (20%) | \$450,000 |
| Construction | \$2,225,600 (80%) | \$556,400 (20%) | \$2,782,000 |

Status: Design work is ongoing and will continue through 2020. Right-of-Way acquisition is currently scheduled to take place in 2020. Construction is currently scheduled to start in 2021.

2022 Construction Projects

11) Shakertown Sidepath Extension

Project Description: The project consists of the extension of the 8' wide sidepath along Shakertown Road from Autumn Leaf Drive to Farmbrook Drive.

Funding:

| | <u>FEDERAL</u> | <u>LOCAL</u> | <u>TOTAL</u> |
|--------------------------|----------------|------------------|--------------|
| Engineering/Right-of-Way | \$0 (0%) | \$100,000 (100%) | \$100,000 |
| Construction | \$0 (0%) | \$200,000 (100%) | \$200,000 |

Status: Design and right-of-way work are scheduled to begin in 2021 and will continue through early 2022. Construction is currently scheduled to start in 2022.

PLANNED CAPITAL IMPROVEMENT PROJECTS

2022 Construction Projects (Cont.)

12) Shakertown Road Widening

Project Description: The project generally consists of the following components:

- The widening of Shakertown Road to three (3) lanes, along with the installation of curb, gutter, and storm sewer between N Fairfield Road and Carthage Drive.
- The installation of an eight (8) foot sidepath along the north side of the roadway.
- The installation of a five (5) foot sidewalk along the south side of the roadway.

Funding:

| | <u>FEDERAL</u> | <u>LOCAL</u> | <u>TOTAL</u> |
|--------------------------|----------------|--------------------|--------------|
| Engineering/Right-of-Way | \$0 (0%) | \$400,000 (100%) | \$400,000 |
| Construction | \$0 (0%) | \$1,800,000 (100%) | \$1,800,000 |

Status: Design began in 2019 and will continue through 2021. Right-of-way is currently scheduled to begin in 2021 and will continue through early 2022. Construction is currently scheduled to start in 2022.

2023 Construction Projects

13) Grange Hall Road Widening (Summerfield to Kemp); PID# 106222

Project Description: The project generally consists of the following components:

- The widening of Grange Hall Road to three (3) lanes, along with the installation of curb, gutter, and storm sewer.
- The installation of an eight (8) foot sidepath along the west side of the roadway.
- The installation of a five (5) foot sidewalk along the east side of the roadway.

Funding:

| | <u>FEDERAL</u> | <u>LOCAL</u> | <u>TOTAL</u> |
|--------------|-----------------|-----------------|--------------|
| Engineering | \$0 (0%) | \$85,000 (100%) | \$85,000 |
| Right-of-Way | \$0 (0%) | \$50,000 (100%) | \$50,000 |
| Construction | \$577,500 (70%) | \$247,500 (30%) | \$825,000 |

Status: Design work began in 2019 and will continue through 2021. Right-of-Way acquisition is currently scheduled to take place in 2021. Construction is currently scheduled to start in 2023.

PLANNED CAPITAL IMPROVEMENT PROJECTS

2023 Construction Projects (Cont.)

14) Kemp Road Sidewalks (Grange Hall to Oxmoor); PID# 110374

Project Description: The project generally consists of the following components:

- The installation of sidewalks (8' wide north side, 5' wide south side) on both sides of the roadway.
- Curb
- Storm sewer improvements

Funding:

| | <u>FEDERAL</u> | <u>LOCAL</u> | <u>TOTAL</u> |
|--------------|-----------------|------------------|--------------|
| Engineering | \$0 (0%) | \$175,000 (100%) | \$175,000 |
| Right-of-Way | \$0 (0%) | \$100,000 (100%) | \$100,000 |
| Construction | \$344,850 (80%) | \$282,150 (20%) | \$627,000 |

Status: Design work is scheduled to begin in 2021 and will continue through 2022. Right-of-Way acquisition is currently scheduled to take place in 2022. Construction is currently scheduled to start in 2023.

2024 Construction Projects

15) N Fairfield Road Widening (Lawson to Fairwood)

Project Description: The project generally consists of the widening of N Fairfield Road between Lawson and Fairwood from four (4) lanes to five (5) lanes with the following components:

- Widening from 4 to 5 lanes
- Reconstruction of curb and storm sewers
- Reconstruction of sidewalk on both sides of the roadway

Funding:

| | <u>FEDERAL</u> | <u>LOCAL</u> | <u>TOTAL</u> |
|--------------|-------------------|------------------|--------------|
| Engineering | \$0 (0%) | \$200,000 (100%) | \$200,000 |
| Right-of-Way | \$0 (0%) | \$200,000 (100%) | \$200,000 |
| Construction | \$1,198,400 (70%) | \$513,600 (30%) | \$1,712,000 |

Status: Design work is scheduled to begin in 2021 and will continue through 2022. Right-of-Way acquisition is currently scheduled to begin in 2022 and continue through 2023. Construction is currently scheduled to start in 2024.

PLANNED CAPITAL IMPROVEMENT PROJECTS

2024 Construction Projects (cont.)

16) N Fairfield Road Widening (Shakertown to Plantation)

Project Description: The project generally consists of the widening of N Fairfield Road between Shakertown and Plantation with the following components:

- Widening from 2 to 3 lanes with curb, gutter, and storm sewer
- 8' wide sidepath on the east side and 5' wide sidewalk along the west side of N Fairfield

Funding:

| | <u>FEDERAL</u> | <u>LOCAL</u> | <u>TOTAL</u> |
|--------------|-------------------|------------------|--------------|
| Engineering | \$0 (0%) | \$375,000 (100%) | \$375,000 |
| Right-of-Way | \$0 (0%) | \$250,000 (100%) | \$250,000 |
| Construction | \$1,835,050 (70%) | \$786,450 (30%) | \$2,621,500 |

Status: Design work is scheduled to begin in 2021 and will continue through 2022. Right-of-Way acquisition is currently scheduled to begin in 2022 and continue through 2023. Construction is currently scheduled to start in 2024.