

# OHIO TURNPIKE

## Capital Improvement Budget and Construction Forecast



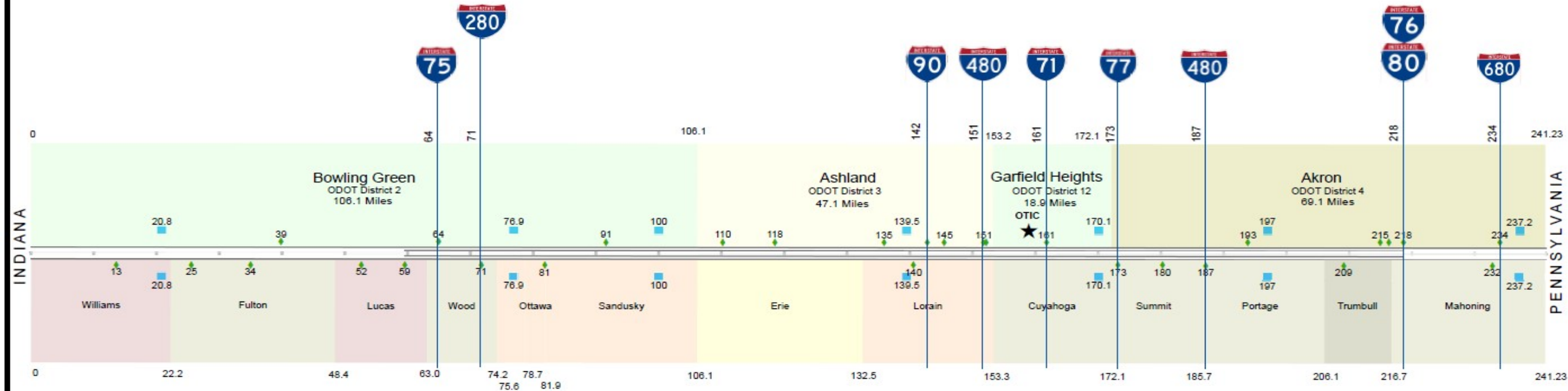
**Christopher A. Matta, P.E.**  
Chief Engineer  
**Daniel Rodriguez, P.E.**  
Design and Planning Engineer  
**Anne Powell, P.E.**  
Construction Engineer

**OCA Toledo Chapter**  
**Work Forecast Program**  
February 9, 2023



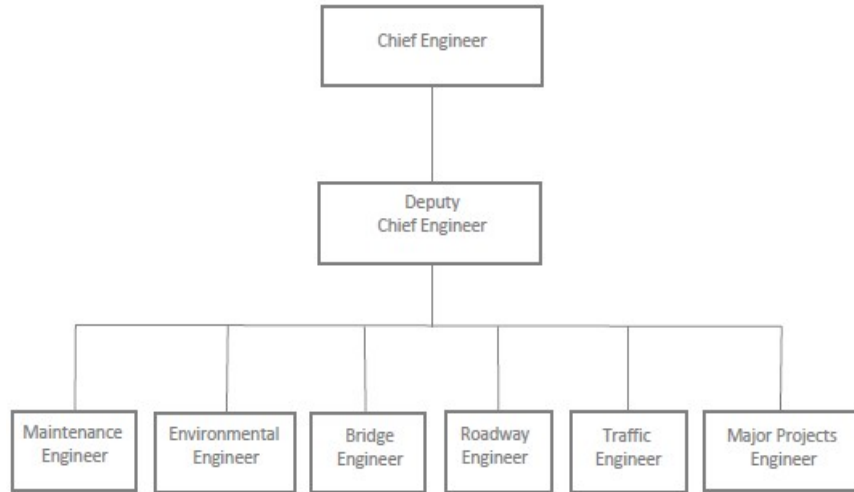
# THE OHIO TURNPIKE AND INFRASTRUCTURE COMMISSION

## THE JAMES W. SHOCKNESSY OHIO TURNPIKE



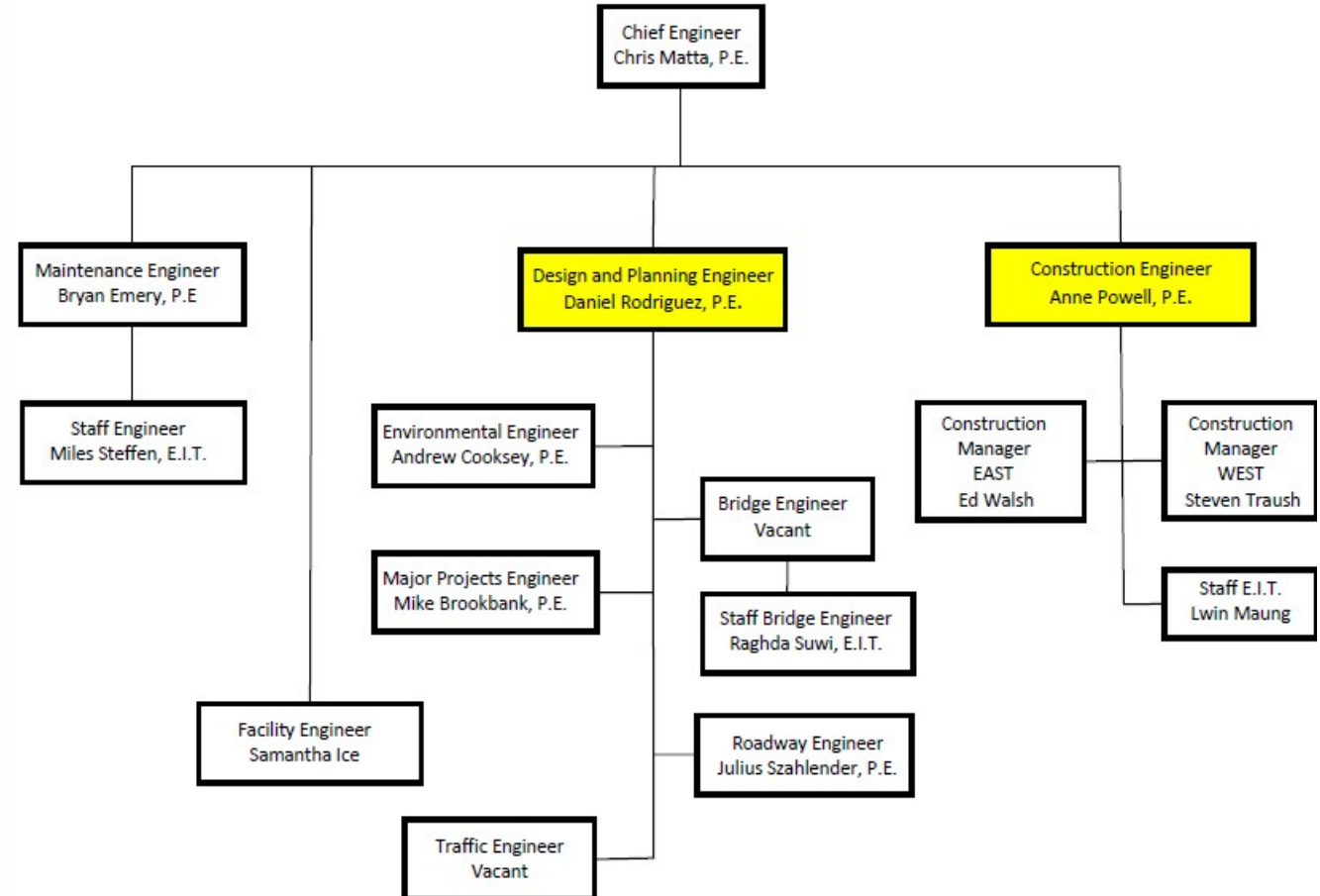
# Engineering Department

Before (2/2022)



# Engineering Department

Now (1/2023)



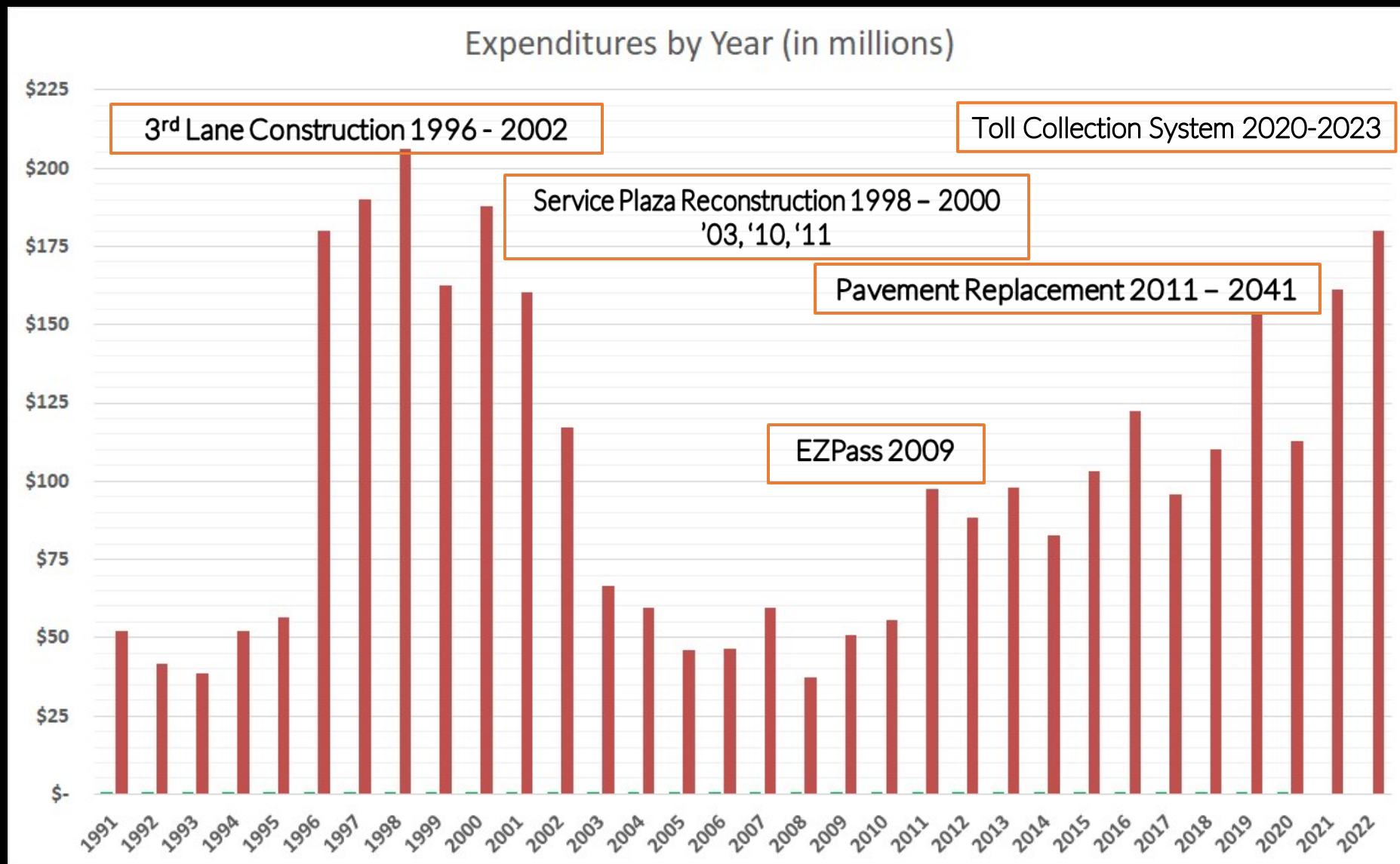


# Capital Program Information

---



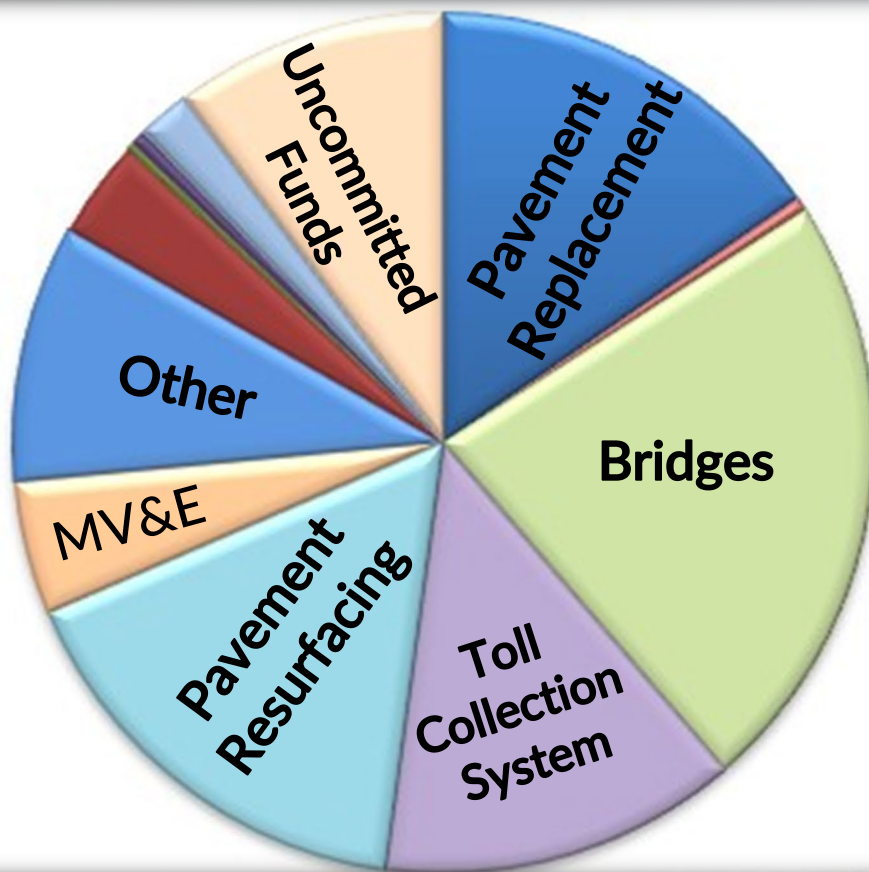
# Historical Capital Program





# 2023 Capital Budget

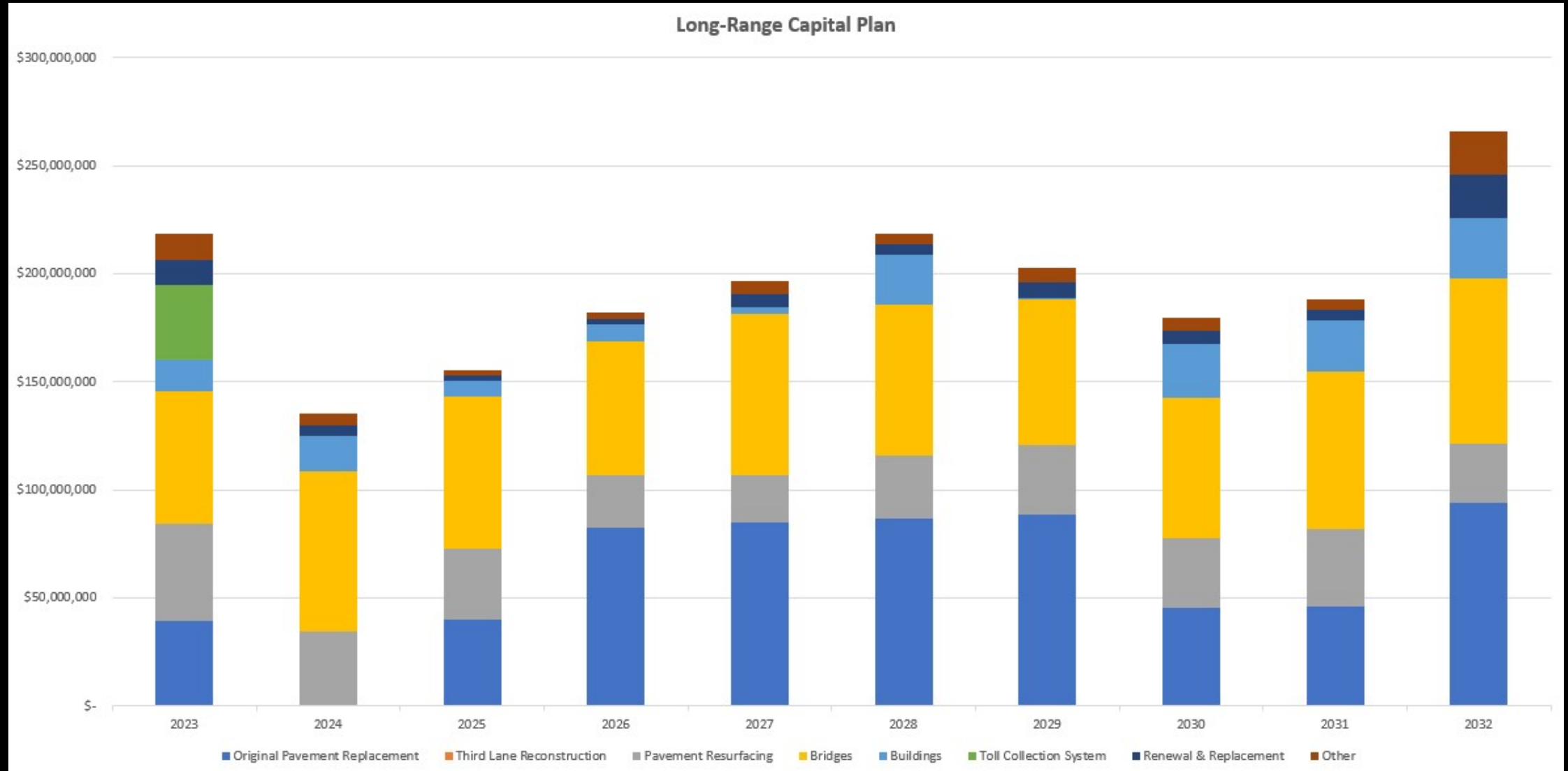
\$226 Million



- Pavement Replacement 15.4%
- Toll Plazas 0.5%
- Bridges 22.8%
- Toll Collection System/CSC Upgrades 13.5%
- Pavement Resurfacing 16.4%
- Maintenance Vehicles and Equipment 5.0%
- Other 9.7%
- Computer & Communications Equipment 3.7%
- Service Plazas 0.3%
- Slope and Drainage Repair 0.6%
- Engineering Services 2.0%
- Miscellaneous Maintenance Projects 0.0%
- Uncommitted Funds 10.2%



# Ten Year Capital Plan





Ohio Turnpike and Infrastructure Commission  
Capital Program  
Anticipated Bidding Schedule

Updated February 9, 2023

Project Number	Milepost or Location	Scope of Work	Construction Schedule	Advertise Date (Planned)
58-22-01	TP 239	Toll Plaza Facility Renovations at MP 239	TBD	Bids Open February 16, 2023
59-23-01	14.0 - 27.0	Pavement Resurfacing, MP 14.0 - 27.0	April 2023 - October 2024	February 2023
54-22-01	100	Pump Station and Sanitary Sewer Force Main Erie Islands Service Plaza	April 2023 - November 2023	February 2023
64-23-02	209.6 - 236.7	Weigh In Motion Infrastructure (MP 209.6 and 236.7)	April 2023 - October 2023	February 2023
59-23-02	TP 34	Pavement Resurfacing, TP 34 Interchange Ramps	June 2023 - November 2023	March 2023
70-23-01	63.6	Mainline Slope/Drainage Repairs (63.6 EB)	June 2023 - November 2023	March 2023
46-23-XX	VARIOUS	Pavement Markings Mainline	May 2023- October 2023	March/April 2023
43-23-04	185.6	Bridge Replacement (Mainline Bridges at MP 185.6)	July 2023 - November 2025	April 2023
43-23-02 REBID	27.3 - 46.4	Bridge Deck Rehabilitation and Replacement (OH Bridges at MP 27.3, 32.2, 37.1, and 46.4)	TBD	TBD
64-23-01	2.7 - 48.4	Weigh In Motion Infrastructure (MP 2.7 and 48.4)	TBD	TBD
64-22-01	16 - 228	Mainline ITS Camera Installations at 8 Locations	TBD	TBD
43-24-XX	71.4	Bridge Deck Replacement (Mainline Bridge at MP 71.4)	April 2024 - October 2024	TBD
43-24-XX	83.3	Bridge Removal and Deck Replacement (Mainline Bridges at MP 83.3)	April 2024 - October 2024	TBD
43-24-XX	86.6 - 94.7	Bridge Deck Replacement (OH Bridges at MP 86.6, 93.0, and 94.7)	April 2024 - October 2024	TBD
43-24-XX	104.3 - 107.5	Bridge Deck Replacement (OH Bridges at MP 104.3, 106.1, 106.8, and 107.5)	April 2024 - October 2024	TBD
43-24-XX	111.2 - 119.3	Bridge Deck Replacement (Mainline Bridge at MP 111.2 and OH Bridge at MP 119.3)	April 2024 - October 2024	TBD
43-24-XX	152.1 - 152.3	Bridge Deck Replacement (OT Ramp Bridge at 152.1, Mainline Bridge at MP 152.3, and OH Bridge at MP 152.9)	April 2024 - October 2024	TBD
43-24-XX	188.2	Bridge Deck Replacement (Mainline Bridges at MP 188.2)	April 2024 - October 2024	TBD
43-24-XX	199.5 - 203.7	Bridge Deck Replacement (OH Bridge at MP 199.5 and Mainline Bridges at MP 202.8 and 203.7 )	April 2024 - October 2024	TBD
43-24-XX	227.6	Bridge Deck Replacement and Median Pier Removal (OH Bridge at MP 227.6)	April 2024 - October 2024	TBD
59-24-XX	50-55.5	Pavement Resurfacing, MP 55 - 55.5	April 2024 - November 2024	TBD
59-24-XX	63-70	Pavement Resurfacing, MP 63 - 70	April 2024 - November 2024	TBD
59-24-XX	154-160	Pavement Resurfacing, MP 154 - 160	April 2024 - November 2024	TBD
59-24-XX	230 - 236	Pavement Resurfacing, MP 230 - 236	April 2024 - November 2024	TBD



# 2023 Capital Program Anticipated Bidding Schedule

<https://www.ohioturnpike.org/business/doing-business-with-us/construction-projects>

Ohio Turnpike – A Better Way To Travel



# 2023 Proposed Construction Projects

---

## Various Project Types



# Pavement Repairs and Resurfacing

## Project 59-23-01

- Location : Williams and Fulton Counties
  - MP 14.80 to MP 27.55
- Scope Of Work
  - Construction Season 1 (2023):
    - Full Depth Pavement Repairs
    - Guardrail Upgrades
    - Repair of existing catch basins
    - Existing aggregate drain restoration
  - Construction Season 2 (2024):
    - Resurfacing of Mainline Roadway and Shoulders

## Project 59-23-01 Cont.

- Contractor/Schedule/Traffic
  - Bids Open April 2023
  - Construction Season 1: May 2023 – October 2023
  - Construction Season 2: May 2024 – October 2024
  - Two Lanes of Traffic maintained during the day, Single Lane Closures at night



# Pavement Repairs and Resurfacing

---

## Project 59-23-02

- Location : Fulton County
  - TP 34.0
- Scope Of Work
  - Ramp Pavement Reconstruction (Exit 34)
  - Guardrail Upgrades
- Contractor/Schedule/Traffic
  - Bids Open April 2023
  - Construction: June 2023– November 2023
  - Interchange closure and detour





# Slope and Drainage Improvements

## Project 70-23-01

- Location : Wood County
  - MP 63.6
- Scope Of Work
  - Mainline Slope/Drainage Repairs
  - MP 63.6 EB
- Schedule/Traffic
  - Advertise for Bids: April 2023
  - Construction: June 2023 – November 2023
  - Minimal Lane Closures

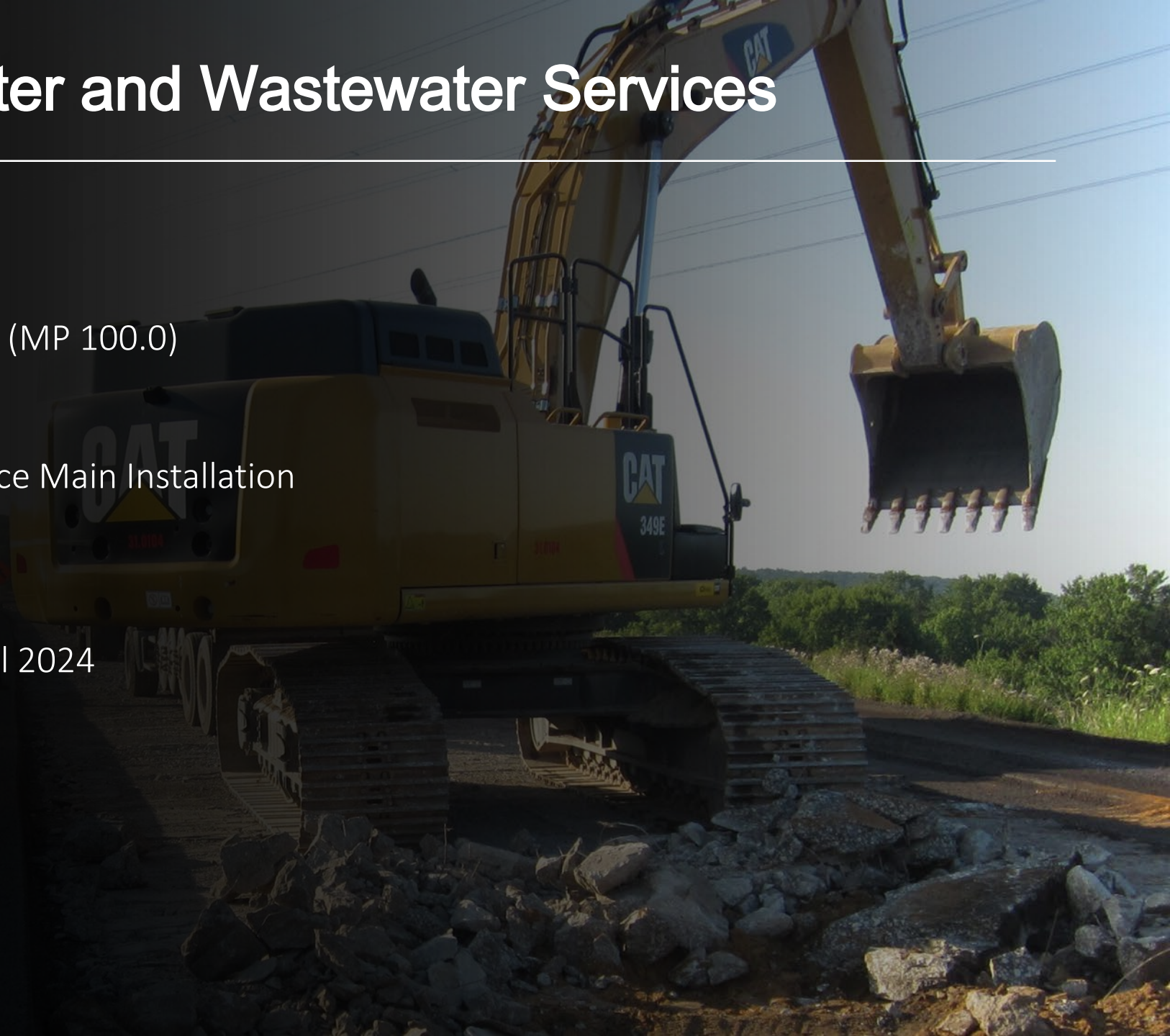


# Water and Wastewater Services

---

## Project 54-22-01

- Location : Erie Islands Service Plaza (MP 100.0)
- Scope Of Work
  - Pump Station and Sanitary Force Main Installation
- Contractor/Schedule
  - Advertises: March 2023
  - Construction: May 2023 – April 2024





# Toll System

## Project 64-23-02

- Location : MP 209.6 and MP 236.7
- Scope Of Work
  - Weigh In Motion Infrastructure
- Contractor/Schedule
  - Advertises: March 2023
  - Construction: April 2023 – October 2023

## Project 64-23-01

- Location : MP 2.7 and MP 48.4
- Scope Of Work
  - Weigh In Motion Infrastructure
- Contractor/Schedule
  - Advertises: TBD
  - Construction: TBD



# Pavement Markings

---

## Project 46-2023

- Location : Various
- Scope Of Work
  - Annual Pavement Marking (Mainline and All Interchanges)
- Contractor/Schedule/Traffic
  - Advertises: March/April 2023
  - Construction: May 2023 – October 2023
    - Initial Stripe of all Markings
    - Late Summer Re-stripe of Lane Lines.
  - Rolling Zones Used to Perform the Striping





# Tinkers Creek Bridge Replacement

## “Honorary West Interest Project”

### **Project 43-23-04**

- Location : Portage and Summit Counties
  - MP 185.6 (Ohio Turnpike over Tinkers Creek)
  
- Scope Of Work
  - Complete Bridge Replacement
  - After 2/14/2023 visit: <https://www.ohioturnpike.org/business/doing-business-with-us/construction-projects/bridge-projects> for more information about the project, prospective contractors can request preliminary plans and provide comments
  
- Contractor/Schedule/Traffic
  - Contractor: TBD
  - Construction Schedule: July 2023 - November 2025
  - Crossovers will be used to maintain 2 lanes of travel EB and WB



# MM 185.6 OHIO TURNPIKE OVER TINKER'S CREEK

963'  
EXISTING  
STEEL BEAM

652.5"  
PRESTRESSED  
CONCRETE I-BEAM

PROPOSED  
266.8"  
MSE WALL FWD

65.9"  
MSE WALL REAR

WESTBOUND  
PHASE 2  
REMOVE AND  
REPLACE

EASTBOUND  
PHASE 3  
REMOVE AND  
REPLACE





# 2024 Anticipated Construction Projects

---

Forecast only, the following projects have not been officially budgeted for 2024 construction



# Bridge Repair, Removal, Deck Replacement and Rehabilitation

## Project 43-23-02 (REBID)

### ➤ Location : Fulton County

- MP 27.3 (Spies-Handy Corners Road - TR 22 Bridge Over Ohio Turnpike)
- MP 32.2 (Hartman-Inlet Road- TR 17 Bridge Over Ohio Turnpike)
- MP 37.1 (Biddle-Scott Road – TR 12-1 Bridge Over Ohio Turnpike)
- MP 46.4 (Brailey Road – TR 3 Bridge Over Ohio Turnpike)

### ➤ Scope Of Work

- Raising and Beam Strengthening (MP 27.3)
- Raising and Bridge Deck Replacement (MP 32.2, MP 37.1, MP 46.4)

### ➤ Schedule/Traffic

- Advertise for Bids: TBD
- Construction: TBD
- Two Lanes of Traffic to be Maintained During the Project
- Local Road Closures



# Bridge Repair, Removal, Deck Replacement and Rehabilitation

## Project 43-24-02

- Location : Wood
  - MP 71.4 (Ohio Turnpike over State Route 420 / I-280)
- Scope Of Work
  - Bridge Deck Rehabilitation (Overlay) (MP 71.4)
- Schedule/Traffic
  - Advertise for Bids: TBD
  - Construction: TBD
  - Two Lanes of Traffic to be Maintained During the Project



# Bridge Repair, Removal, Deck Replacement and Rehabilitation

## Project 43-24-03

- Location : Sandusky County
  - MP 83.3 (Mainline Bridge Over North Coast Inland Trail)
  - MP 83.3 (Mainline Bridge Over Waggoner Road, CR 82)
- Scope Of Work
  - Bridge Removal (Mainline Bridge Over North Coast Inland Trail)
  - Bridge Deck Replacement (Mainline Bridge Over Waggoner Road, CR 82)
- Schedule/Traffic
  - Advertise for Bids: TBD
  - Construction: TBD
  - Two Lanes of Traffic to be Maintained During the Project



# Bridge Repair, Removal, Deck Replacement and Rehabilitation

## Project 43-24-04

### ➤ Location : Sandusky County

- MP 86.6 (Fought Road, CR 106, over Ohio Turnpike)
- MP 93.0 (Shannon Road, CR 234, over Ohio Turnpike)
- MP 94.7 (Carley Road, CR 202 over Ohio Turnpike)

### ➤ Scope Of Work

- Overhead Bridge Deck Replacement (MP 86.6)
- Overhead Bridge Deck Replacement (MP 93.0)
- Overhead Bridge Superstructure Replacement and Deck Replacement (MP 94.7)

### ➤ Schedule/Traffic

- Advertise for Bids: TBD
- Construction: TBD
- Two Lanes of Traffic to be Maintained During the Project
- Local Road Closures



# Bridge Repair, Removal, Deck Replacement and Rehabilitation

## Project 43-24-05

- Location : Sandusky and Erie Counties
  - MP 104.3 (Copp Road, CR 302, over Ohio Turnpike)
  - MP 106.1 (Southwest Road, CR 312, over Ohio Turnpike)
  - MP 106.8 (State Route 269 over Ohio Turnpike)
  - MP 107.5 (Deyo Road, CR 102, over Ohio Turnpike)
- Scope Of Work
  - Overhead Bridge Deck Replacement (MP 104.3, 106.1, 106.8, 107.5)
- Schedule/Traffic
  - Advertise for Bids: TBD
  - Construction: TBD
  - Local Road Closures



# Bridge Repair, Removal, Deck Replacement and Rehabilitation

## Project 43-24-06

- Location : Erie County
  - MP 111.2 (Ohio Turnpike over State Route 99)
  - MP 119.3 (State Route 13 over Ohio Turnpike)
- Scope Of Work
  - Bridge Deck Replacement (MP 111.2)
  - Overhead Bridge Deck Replacement (MP 119.3)
- Schedule/Traffic
  - Advertise for Bids: TBD
  - Construction: TBD
  - Two Lanes of Traffic to be Maintained During the Project
  - Road Closure w/ ODOT concurrence



# Bridge Repair, Removal, Deck Replacement and Rehabilitation

## Project 43-24-07

### ➤ Location : Lorain County

- MP 152.1 (Ohio Turnpike Mainline over Ohio Turnpike Ramp)
- MP 152.2 (Ohio Turnpike over Lorain Road)
- MP 152.9 (Bagley Road over Ohio Turnpike)

### ➤ Scope Of Work

- Bridge Deck Replacement (MP 152.1)
- Bridge Deck Replacement (MP 152.2)
- Overhead Bridge Deck Replacement (MP 152.9)

### ➤ Schedule/Traffic

- Advertise for Bids: TBD
- Construction: TBD
- Two Lanes of Traffic to be Maintained During the Project
- Local Road Closure



# Bridge Repair, Removal, Deck Replacement and Rehabilitation

## Project 43-24-08

- Location : Portage County
  - MP 188.2 (Ohio Turnpike over State Route 43)
- Scope Of Work
  - Bridge Deck Replacement (MP 188.2)
- Schedule/Traffic
  - Advertise for Bids: TBD
  - Construction: TBD
  - Two Lanes of Traffic to be Maintained During the Project



# Bridge Repair, Removal, Deck Replacement and Rehabilitation

## Project 43-24-09

- Location : Portage County
  - MP 199.5 (State Route 88 over Ohio Turnpike)
  - MP 202.8 (Ohio Turnpike over Bryant Road)
  - MP 203.7 (Ohio Turnpike over N. Main Street)
- Scope Of Work
  - Overhead Bridge Replacement (MP 199.5)
  - Bridge Deck Replacement (MP 202.8)
  - Bridge Deck Rehabilitation (MP 203.7)
- Schedule/Traffic
  - Advertise for Bids: TBD
  - Construction: TBD
  - Two Lanes of Traffic to be Maintained During the Project
  - Road Closure with ODOT Concurrence



# Bridge Repair, Removal, Deck Replacement and Rehabilitation

## Project 43-24-10

- Location : Mahoning County
  - MP 227.6 (US Route 224 over Ohio Turnpike)
- Scope Of Work
  - Overhead Bridge Replacement (MP 227.6)
- Schedule/Traffic
  - Advertise for Bids: TBD
  - Construction: TBD
  - Minimum of Two Lanes of Traffic to be Maintained During the Project



# Pavement Repairs and Resurfacing

## Project 59-24-01

- Location : Lucas County
  - MP 50 to MP 55.5
  - Mainline
- Scope Of Work
  - Pavement Resurfacing of all Lanes and Shoulders
  - Guardrail Upgrades
- Contractor/Schedule
  - TBD
  - Construction: April 2024 – October 2024
  - Likely Bi-Directional One Lane Traffic in Each Direction Will Be Maintained

## Project 59-24-02

- Location : Wood County
  - MP 63 to MP 70
  - Mainline
- Scope Of Work
  - Pavement Repairs and Resurfacing (MP 63 to MP 65)
  - Pavement Resurfacing of Left Lane and Left Shoulder (MP 65 to MP 70)
  - Pre-Phase project in advance of anticipated pavement replacement project in 2025.
- Contractor/Schedule
  - TBD
  - Construction: April 2024 – October 2024
  - Two Lanes of Traffic Will Be Maintained



# Pavement Repairs and Resurfacing

## Project 59-24-03

- Location : Cuyahoga County
  - MP 154 to MP 160
  - Mainline
- Scope Of Work
  - Pavement Resurfacing of Left Lane and Left Shoulder
  - Pre-Phase project in advance of anticipated pavement replacement project in 2026.
- Contractor/Schedule
  - TBD
  - Construction: April 2024 – October 2024
  - Two Lanes of Traffic in Each Direction Will Be Maintained

## Project 59-24-04

- Location : Mahoning County
  - MP 230 to MP 236
  - Mainline
- Scope Of Work
  - Pavement Resurfacing of all Lanes and Shoulders
  - Guardrail Upgrades
- Contractor/Schedule
  - TBD
  - Construction: April 2024 – October 2024
  - Likely Bi-Directional One Lane Traffic in Each Direction Will Be Maintained



# 2023 Current Construction Projects

---

## Various Project Types



# Pavement Repairs and Resurfacing

## Project 59-22-03 REBID

- Location : Erie County  
TP 118.0
- Scope Of Work
  - Pavement Resurfacing (Exit 118)
  - Guardrail Upgrades
- Contractor/Schedule/Traffic
  - Gerken Paving, Inc. of Napoleon, OH
  - Construction: April 2023 - October 2023
  - Minimal Single Lane Closures/Night Work
  - Detour for temporary ramp closures





# Bridge Repair, Removal, Deck Replacement and Rehabilitation

---

## Project 43-22-02

- Location : Fulton County
  - MP 40.3 (Ohio Turnpike Over State Route 109)
  - MP 40.5 (Ohio Turnpike Over Indiana and Ohio Railway)
- Scope Of Work
  - Bridge Deck Replacement and Widening of the Mainline Bridge (MP 40.3 and MP 40.5)
- Contractor/Schedule/Traffic
  - Kokosing Construction Company
  - Construction: February 2022 – July 2023
  - State Route 109 Temporary Roadway Closure



# Bridge Repair, Removal, Deck Replacement and Rehabilitation

---

## Project 43-22-03

- Location : Sandusky County
  - MP 98.9 (Ohio Turnpike Over Abandoned Railroad)
  - MP 99.1 (Ohio Turnpike Over State Route 510)
- Scope Of Work
  - Bridge Removal (MP 98.9)
  - Bridge Deck Replacement (MP 99.1)
- Contractor/Schedule/Traffic
  - Kokosing Construction Company
  - Construction: April 2022 – December 2023
  - Signalized Two-Way Traffic on State Route 510



# Bridge Repair, Removal, Deck Replacement and Rehabilitation

## Project 43-22-05

- Location : Cuyahoga and Summit Counties
  - MP 169.6 (East Edgerton Road – CR 63 Over Ohio Turnpike)
  - MP 172.9 (Brecksville Road – SR 21 Over Ohio Turnpike)
- Scope Of Work
  - Bridge Deck Replacement and Rehabilitation (MP 169.6) ( Completed Fall 2022)
  - Bridge Deck Replacement and Rehabilitation (MP 172.9)
- Contractor/Schedule/Traffic
  - The Great Lakes Construction Company
  - Construction: April 2022 – December 2023
  - 2 Lanes open NB and 1 Lane Open SB on SR 21



# Bridge Repair, Removal, Deck Replacement and Rehabilitation

---

## Project 43-22-06 REBID

- Location : Cuyahoga County
  - MP 176.9 (Ohio Turnpike over Cuyahoga River)
- Scope Of Work
  - Bridge Rehabilitation and Repair (MP 176.9)
- Contractor/Schedule/Traffic
  - Apparent Low Bidder: The Ruhlin Company
  - Construction: April 2023 – December 2023
  - Two Lanes EB and WB During Construction Period



# Bridge Repair, Removal, Deck Replacement and Rehabilitation

## Project 43-23-03

- Location : Lorain and Cuyahoga Counties
  - MP 145.1 (Ohio Turnpike Ramp over SR 57)
  - MP 149.2 (Race Road over Ohio Turnpike)
  - MP 153.9 (Jennings Road over Ohio Turnpike) (Pedestal Rehabilitation Only)
  - MP 154.6 ( over Ohio Turnpike)
- Scope Of Work
  - Part A - Bridge Deck Rehabilitation and Replacement of Overhead Bridges
  - Part B - Stearns Road Reconstruction
- Contractor/Schedule/Traffic
  - The Great Lakes Construction Company of Hinckley, OH
  - Construction: Part A - April 2023 - November 2023  
Part B - April 2023 - September 2024
  - Signalized Two-Way Traffic on Ramp over the Turnpike
  - Race Road Full Closure and Detour
  - Stearns Road Full Closure for Part A and One Way MOT for Part B



# Pavement Replacement and Toll Plaza Ramps

## Project 39-20-01

- Location : Williams County
  - MP 0.0 to MP 7.2 (Project Length)
  - EB and WB Pavement Replacement in 2023 from MP 0.0 to MP 2.4
- Scope Of Work
  - Mainline Pavement Reconstruction
- Contractor/Schedule/Traffic
  - Beaver Excavating Company
  - Construction: April 2023 – December 2023
  - Single Lane EB and WB during Construction Period



# Pavement Replacement and Toll Plaza Ramps

## Project 39-20-04

- Location : Mahoning County
  - MP 236.34 to MP 241.25 (Project Length)
  - WB Pavement Replacement in 2023 from MP 238.6 to MP 239.3
- Scope Of Work
  - Mainline Pavement Reconstruction
  - High Speed EZ Pass Lanes
  - Toll Plaza Ramp Construction
- Contractor/Schedule/Traffic
  - Shelly and Sands, Inc
  - Construction: April 2023 – October 2023
  - Two Lanes EB and WB During Construction Period



# Toll Plaza Facilities

## Project 58-21-01

- Location : Williams County
  - TP 4
- Scope Of Work
  - New Mainline Toll Plaza Facility (MP 4)
  - Utility Building, Toll Booths, and Canopies
- Contractor/Schedule/Traffic
  - Action Contractors LLC
  - Construction: September 2021 – May 2024
  - Minimal Lane Closures

## Project 58-21-02

- Location : Trumbull County
  - TP 211
- Scope Of Work
  - New Mainline Toll Plaza Facility (MP 211)
  - Utility Building, Toll Booths, and Canopies
- Contractor/Schedule/Traffic
  - A.P. O'Horo Company
  - Construction: September 2021 – April 2024
  - Minimal Lane Closures



# Toll Plaza Facilities

## Project 58-22-02

- Location : Wood County
  - TP 64
- Scope Of Work
  - New Mainline Toll Plaza Facility (MP 64.9)
  - Utility Building, Toll Booths, and Canopies
  - Expansion
- Contractor/Schedule/Traffic
  - Mosser Construction
  - Construction:  
Substantially Complete 1/23  
Final Completion 3/23
  - Minimal Lane Closures

## Project 58-22-03

- Location : Lorain County
  - TP 152
- Scope Of Work
  - New Mainline Toll Plaza Facility (MP 152.2)
  - Utility Building, Toll Booths, and Canopies
  - Expansion
- Contractor/Schedule/Traffic
  - Action Contractors
  - Construction: April 2022 – April 2023
  - Minimal Lane Closures



# Contact Information

---

**Chris A. Matta, P.E.**

Chief Engineer

[chris.matta@ohioturnpike.org](mailto:chris.matta@ohioturnpike.org)

**Daniel Rodriguez, P.E.**

Design and Planning Engineer

[daniel.rodriguez@ohioturnpike.org](mailto:daniel.rodriguez@ohioturnpike.org)

**Anne Powell, P.E.**

Construction Engineer

[anne.powell@ohioturnpike.org](mailto:anne.powell@ohioturnpike.org)



# Thank You

---