

SECTION 6

TRANSPORTATION SYSTEM MANAGEMENT AND OPERATIONS

INTRODUCTION

In an effort to alleviate the pressures of increasing costs of maintaining and building transportation systems, communities are seeking better and less expensive ways of providing their citizens with efficient and safe transportation facilities. As a result, a planning process known as Transportation System Management (TSM) has become an important part of regional transportation planning. TSM is a planning approach designed to improve transportation systems by moving people and goods more efficiently and effectively. By improving the existing transportation system, it may be possible to reduce delay and/or eliminate the need to develop new expensive transportation facilities. Also, with increased concerns about energy consumption and air pollution, improving the existing transportation system is a viable method of addressing these issues.

As the Metropolitan Planning Organization for the Dayton Urbanized Area, the Miami Valley Regional Planning Commission (MVRPC) is responsible for the Transportation System Management planning process in Greene, Miami and Montgomery Counties and the jurisdictions of Carlisle, Franklin, Springboro and Franklin Township in Warren County. The Ohio Department of Transportation, the Greater Dayton Regional Transit Authority, Greene County Transit Board (Greene CATS), Miami County Transit, and officials and staff from local jurisdictions, citizens and the private sector aid the Commission in this planning process. This report summarizes TSM activities undertaken or completed in CY2023 and CY2024 and highlights TSM activities proposed for CY2025 and CY2026.

TSM PLANNING PROCESS

By implementing the TSM planning process, the transportation system within the region is looked at as a single entity. The planning process is then applied to this single entity in an effort to improve the efficiency and cost effectiveness of the total system through low cost improvements and strategies to reduce overall system demands.

Generally, there are three approaches to TSM planning. The first approach is low cost operation or spot improvements, which are designed to improve roadway efficiency and safety at specific problem locations. Examples of spot improvements are the addition of a turn lane at an intersection and improvements in traffic signalization.

The second approach is a corridor area access control study. This is a comprehensive analysis of transportation problems along roadway corridors like the US35 corridor in Greene County, which is experiencing rapid development. As a part of the TSM planning process, transportation problems are identified and solutions are generated to address them.

The third TSM planning approach involves Travel Demand Management (TDM) activities. These activities have regional impact and ease pressures on the entire transportation system by reducing vehicle trip demand, especially for commuting purposes. These activities involve reducing the use of single occupant vehicles and/or altering the time of travel to less congested time periods or locations. Such activities

include ridesharing, transit service improvements, bicycle improvements, pedestrian improvements, controlled growth and land use development, flexible work schedules, telecommuting, coordination among social services agencies and public transit systems.

TSM ACTIVITIES

Usually, TSM improvements do not require great outlays of money and can be put into place within a short period of time. The desired result, then, is an improvement of traffic flow, ease of pedestrian movement and enhanced transit and bicycle travel. Since TSM improvements vary from highly visible intersection improvements to minor changes in traffic signal timing, some TSM improvements go unnoticed. These relatively unnoticeable changes are important parts of the TSM planning process.

During 2023 and 2024, area communities implemented a variety of TSM spot improvements. These projects are expected to result in decreased congestion, reduced overall vehicle delay, and improved safety.

Another MVRPC TSM planning emphasis is transportation demand reduction activities, which have regional impact and help improve the entire transportation system. Ridesharing is a TSM strategy that encourages the sharing of rides among people who live in the same general area and commute to similar destinations. MVRPC sponsors a program called RIDESHARE! that promotes and facilitates this activity.

Transit is another TSM strategy with regional impact. Greater Dayton Regional Transit Authority (GDRTA), Miami County Transit, and Greene County Transit Board (Greene CATS) conducted a wide range of TSM activities in 2023 and 2024 and plan for more for 2025 and 2026.

Table 6.1 is a listing of TSM improvements, which were completed or implemented in 2023 and 2024. The list is categorized by highway/bikeway, RIDESHARE and transit projects. Table 6.2 is a listing of proposed TSM improvements, which are to be implemented in 2025 or 2026. This table is also categorized by highway/bikeway, RIDESHARE and transit projects. Please note that the highway category also includes bicycle and pedestrian improvements.

TABLE 6.1
TRANSPORTATION SYSTEM MANAGEMENT FOR CY2023 AND CY2024

| RESPONSIBLE AGENCY | PROJECT | DESCRIPTION | FUNDING |
|--|---------------------------------|---|--------------|
| HIGHWAY / BIKEWAY IMPROVEMENT ACTIVITIES IN 2023/2024 | | | |
| Beavercreek | GRE - Kemp Road Sidewalks | Kemp Road from Grange Hall Road to Oxmoor Drive-Installation of an 8' wide sidepath along the north side of Kemp Road and a 5' wide sidewalk along the south side of Kemp Road. Along with the installation of pedestrian facilities, this project also includes the installation of curb and minor drainage improvements. | Fed./Non-Fed |
| Beavercreek | GRE001-01.07 | Colonel Glenn Highway from National Road to Zink Road-Installation of decorative hardscape elements such as brick pavers, seating walls and lighting. These enhancements will be designed to match enhancements currently under construction along Colonel Glenn Highway to the east of Zink Road. This project also includes the replacement of deteriorated sections of sidewalk along this portion of the Colonel Glenn Highway corridor. | Fed./Non-Fed |
| Beavercreek | GRE025-03.85 | Grange Hall Road from Summerfield Drive to Kemp Road-The existing two lane section will be widened to a three lane section. This will include one through lane in each direction and a two way left turn lane. Along with this widening an 8' sidepath along the west side and a 5' sidewalk along the east side of the roadway will be included with the project. This roadway will also be improved with curb and gutter and storm sewer throughout the project. The project will also evaluate the applicability of sharrows or other on-street signage/pavement markings during the design phase. | Fed./Non-Fed |
| Beavercreek | GRE048-01.27 | Factory Road from Creekside Trail to Nutter Park-This project will widen the roadway to three lanes with curb, gutter, storm sewer, and sidewalks on both sides of the roadway. This project will connect into the widening work that is planned on Factory Road as a part of the US 35 Superstreet improvements. The proposed sidewalks will connect into the Creekside Trail bikeway, and a pedestrian refuge island is planned where the Creekside Trail crosses Factory Road. | Fed./Non-Fed |
| Bellbrook | GRE725-01.91 | Franklin Street from just west of Little Sugarcreek Road to just west of West Street- Construction of curb, gutter and sidewalk along the south side of the street. Also, construction of a pedestrian mid-block crossing and modification of the bridge over Little Sugar Creek to accommodate the raised sidewalk. | Fed./Non-Fed |
| Clayton | MOT049-06.41 | SR 49 at Westbrook Road-Install new mast arm traffic signal. In addition, removal of pork chop island and installation of right turn lane on Westbrook Road. | Fed./Non-Fed |
| Centerville | 2023 Traffic Signal Maintenance | Traffic signal improvements. | Non-Fed |
| Centerville | 2024 Traffic Signal Maintenance | Traffic signal improvements. | Non-Fed |

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TRANSPORTATION SYSTEM MANAGEMENT FOR CY2023 AND CY2024

| RESPONSIBLE AGENCY | PROJECT | DESCRIPTION | FUNDING |
|--|--|---|--------------|
| HIGHWAY / BIKEWAY IMPROVEMENT ACTIVITIES IN 2023/2024 | | | |
| Dayton | MOT - Germantown Street Bike Lanes | Germantown Street from the Great Miami River bridge to Euclid Avenue-Implement a road diet to reduce the through lanes from four lanes to two lanes with a double left turn lane and bike lanes. New pavement and pavement markings will be installed with improved crosswalk markings. | Fed./Non-Fed |
| Dayton | MOT - Salem Avenue Bike Lanes | Salem Avenue from Grand Avenue to West Riverview Avenue-Construct two-way bike lane which will tie into the future West Riverview Bike Path. | Fed./Non-Fed |
| Dayton | MOT - Wayne Avenue Widening | Wayne Avenue from Wyoming Street to Waldo Avenue-Widening from four to five lanes resulting in a dedicated left turn lane. Also included are new curbs, sidewalks, and lights installed to enhance the pedestrian facilities. | Fed./Non-Fed |
| Dayton | MOT - West Riverview Bike Path | Along the levee on the west side of the Great Miami River from Monument Avenue to West Third Street-Construction of a bike path. | Fed./Non-Fed |
| Dayton | MOT - West Third Bikeway | West Third Street from northbound Robert Drive to Ludlow Street-Installation of a two-way in street cycle track in the south curb lane. | Fed./Non-Fed |
| Dayton | MOT - Xenia Avenue Bike Lanes & Ramps | Xenia Avenue from South Keowee Street to Linden Avenue-Install shared lane markings on Xenia Avenue from South Keowee Street to Allen Street, bike lanes from Allen Street to Highland Hills Avenue, eastbound bike lane and westbound shared lane markings from Highland Hills Avenue to Linden Avenue. A dedicated bike ramp will be constructed from Highland Hills Avenue to the Steve Whalen Blvd Bike Path. The project will also upgrade all curb ramps to be ADA compliant. | Fed./Non-Fed |
| Fairborn | GRE - Broad Street Enhancement, Ph. 2A | Broad Street from the Fairborn south corp. limit to Koogler Street-Resurfacing and narrowing of the roadway to provide wider sidewalks and a bike path. A road diet (4 lanes to 3 lanes) will be performed between Dayton Drive and Koogler Street. Decorative items like street trees, street lighting, and bike racks will be included. | Fed./Non-Fed |
| Franklin | WAR - Clear Creek Bikepath Connector | Along Clear Creek from the City of Springboro's Hazelwood Park to the City of Franklin Community Park-Construction of a 10' wide shared use path. A bridge will be utilized for the bikepath to cross Clear Creek just north of Hazelwood Park and the bikepath will cross under I-75 below the I-75 bridge crossing Clear Creek. | Fed./Non-Fed |

TABLE 6.1
TRANSPORTATION SYSTEM MANAGEMENT FOR CY2023 AND CY2024

| RESPONSIBLE AGENCY | PROJECT | DESCRIPTION | FUNDING |
|--|-------------------------------------|--|--------------|
| HIGHWAY / BIKEWAY IMPROVEMENT ACTIVITIES IN 2023/2024 | | | |
| Franklin | WAR123-28.55 | SR 123 at Shotwell / Beal Road-Reconstruct Beal Road to eliminate skewed angle intersection and obtain 90 degree intersection with SR 123 opposite Shotwell Drive. Reconstruction of Beal Drive will add a left turn lane. The existing bridge on Beal Drive will need to be replaced to accommodate the road realignment and widening. Construct new traffic signal at the subject intersection. The traffic signal will have a pedestrian crossing with a pedestrian signal and emergency vehicle preemption. | Fed./Non-Fed |
| Kettering | MOT - East David Road Improvements | East David Road from Far Hills Avenue to Ackerman Boulevard-Resurfacing of asphalt pavement, reconstruction of the traffic signal at East David Road and Ackerman Boulevard, replacement of deteriorated concrete curb, median and drive approaches and non-compliant curb ramps. As part of the traffic signal reconstruction, the project will also include updating two school flashers. One flasher is located at the intersection of Ackerman Boulevard and East David Road and the other flasher is located approximately 800' south of the intersection on the east side of Ackerman Boulevard. The southern school flasher will also include the replacement of the pole and conduit/wiring to it. Also included is 310' of roadway improvements consisting of curb, storm sewer, completing the last missing link of sidewalk, widening an eastbound section of roadway to remove a pinch point for bicyclists. | Fed./Non-Fed |
| Kettering | MOT - Hewitt Ave. Bikeway Connector | Bikeway connection of Iron Horse Trail to an existing asphalt path on east side of Bigger Road - Replacement of 5' wide sidewalk with a 10' wide multi-use path adjacent to Bigger Road and Whipp Road and bike route signage on Hewitt Avenue. Project also includes enhanced mid-block crosswalk on Bigger Road, plus related work. | Fed./Non-Fed |
| Kettering | MOT - Kettering Signals, Ph. 3 | Ackerman Boulevard at Dorothy Lane, Marshall Road at Wilmington Pike, David Road at Wilmington Pike, Bigger Road at David Road, David Road at Marshall Road and Patterson Road at Rembrandt Boulevard-Complete reconstruction of six traffic signals, installation of new traffic surveillance cameras at each location, and relocation of the existing fiber optic signal interconnect cable underground. Street lights will be added to the traffic signal poles, pedestrian amenities will be upgraded. | Fed./Non-Fed |
| Kettering | MOT - West Stroop Sidewalk | North side of West Stroop Road from Overland Trail to Southmoor Circle NW- Construction of new sidewalk. | Fed./Non-Fed |

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| RESPONSIBLE AGENCY | PROJECT | DESCRIPTION | FUNDING |
|--|--|--|------------------------------|
| HIGHWAY / BIKEWAY IMPROVEMENT ACTIVITIES IN 2023/2024 | | | |
| Montgomery County Moraine | MOT - Lamme Road Improvement MOT741-08.61 | Lamme Road from Alex-Bell Road to Bushwick Drive-Replacement of a functionally deficient 3-span bridge over Holes Creek with a wider structure that carries sidewalk on both sides.The traffic signal at Lamme Road and Alex-Bell Road will be replaced. Lamme Road will be resurfaced and re-stripped from Alex-Bell Road to Bushwick Drive. Through lanes will contain sharrows markings. Deteriorated curbing and sidewalk will be replaced on Lamme Road between Alex-Bell Road and the bridge, and on the north side of Alex-Bell Road on the east approach. SR 741 at Dorothy Lane-Traffic signal reconstruction. | Fed./Non-Fed Fed./Non-Fed |
| ODOT District-7 | MOT - 75 - VAR - SLI-012 | I-75 from the southbound exit to Neff Road to the northbound exit to Austin Boulevard-Install wrong way signs that use radar technology. | Federal |
| ODOT District-7 | MOT048-01.02 - SLI-012 | Intersection of SR 48 and Nutt Road/Hibberd Road-Install left turn lanes. | Fed./Non-Fed |
| ODOT District-7 | MOT725-14.41 | SR 725 at I-75-Convert the interchange to a diverging diamond (DDI), upgrade the traffic signal at Byers Road and install sidewalk along SR 725. | Fed./Non-Fed |
| ODOT District-8 | GRE068-13.51 | Intersection of US 68 and SR 235-Install roundabout. | Federal |
| Riverside | MOT - West Springfield Street Reconstruction | Springfield Street from Northcliff Street to Old Harshman Road-Resurfacing including the installation of curb, gutter, sidewalk, storm infrastructure, and lighting. Included in the project will be the alteration of the cross section from four traveling lanes to two lanes with center two-way left turn lane and addition of bicycle facilities. Access management will be improved by the closure and reconfiguration of roadway intersections at Northcliff Street and Norman Boulevard. | Fed./Non-Fed |
| Trotwood | MOT - Trotwood SRTS Infrastructure FY23 | Bell Haven Elementary School-Crosswalk upgrades at various intersections. Infill sidewalk on Myron Drive at Annapolis Avenue. Curb ramp upgrades as needed. | Federal |
| Troy | MIA041-09.49 | SR 41 from the west side of Ridge Avenue intersection to Market Street-Undertake safety improvements. Improvements under consideration include restriping Main Street (SR 41) between Market and Oxford from a 4 lane to 3 lane section to allow for deeper angled parking on one side of the street, reconstruction of Main Street between Adams and Ridge to provide at least one 12' through lane in each direction, provision of a westbound right turn lane at Elm, signal upgrades and removals as appropriate, and reconstruction of sidewalk/curb lawn as needed. | Fed./Non-Fed |

TABLE 6.1
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| RESPONSIBLE AGENCY | PROJECT | DESCRIPTION | FUNDING |
|--|---------------------------|---|-----------------|
| HIGHWAY / BIKEWAY IMPROVEMENT ACTIVITIES IN 2023/2024 | | | |
| Troy | MIA041-10.32 | West Main Street from Ridge Avenue to I-75-Widening of the street to include at least one 12' through lane in each direction, reconstructing the sidewalk and curb lawn along the corridor, considering safety upgrades to entrances of commercial properties between Dorset Road and I-75, upgrading the signal at Dorset Road intersection, upsizing a water main along a portion of West Main Street and improving the stormwater system along the corridor. | Fed./Non-Fed |
| Vandalia | MOT075-22.92 | Intersection of I-75 southbound exit ramp and Northwoods Boulevard-Install a new traffic signal to mitigate congestion and improve traffic operation. | Non-Fed |
| Warren County | WAR073-03.66 | SR 73 at I-75-Improvements to the interchange including dual left turn lanes to the SB entrance ramp, right turn lane on the NB exit ramp, side mounted signal heads on the SB exit ramp, right turn lane to Sharts Drive and a multiuse path along the south side of SR 73 to Conover Drive. | Fed./Non-Fed |
| Warren County | WAR741-17.21 - SLI-012 | SR 741 at Remick Boulevard-Install a northbound right turn lane, install new signal with backplates and retime the signal. | Federal |
| Yellow Springs | GRE - Yellow Springs SRTS | West Limestone Street from Mills Lawn Elementary to Dayton Street-Install sidewalk. | Federal |
| RIDESHARE IMPROVEMENTS / OZONE ACTION PROGRAM ACTIVITIES IN 2023/2024 | | | |
| MVRPC | MOT - Air Quality SFY2023 | MVRPC SFY2023 Air Quality Program for Greene, Miami and Montgomery Counties. Activities associated with air quality designations - Ozone and PM2.5. | Federal |
| MVRPC | MOT - Air Quality SFY2024 | MVRPC SFY2024 Air Quality Program for Greene, Miami and Montgomery Counties. Activities associated with air quality designations - Ozone and PM2.5. | Federal |
| MVRPC | MOT - Rideshare SFY2023 | MVRPC SFY2023 Rideshare Program for Clinton, Darke, Greene, Miami, Montgomery and Preble Counties. Match Commuters interested in Carpooling to Work/School. Marketing & Outreach-Ridesharing, Bike, Bus & Walking. | Federal |
| MVRPC | MOT - Rideshare SFY2024 | MVRPC SFY2024 Rideshare Program for Clinton, Darke, Greene, Miami, Montgomery and Preble Counties. Match Commuters interested in Carpooling to Work/School. Marketing & Outreach-Ridesharing, Bike, Bus & Walking. | Federal |
| RESPONSIBLE AGENCY PROJECT DESCRIPTION FUNDING | | | |
| TRANSIT RELATED IMPROVEMENT ACTIVITIES IN 2023/2024 | | | |
| GDRTA | GDRTA Service Area | 5310 Transportation Program | Fed./Non-Fed |
| GDRTA | GDRTA Service Area | Community-Based Bus Stop Improvements | Fed./Non-Fed |
| GDRTA | GDRTA Service Area | Member of Greater Region Mobility Initiative | Fed./Non-Fed |
| GDRTA | Vehicle Purchase | Replaced 28 Diesel Buses | Fed./Non-Fed |
| GDRTA | Vehicle Purchase | Replaced 75 Small Paratransit Buses | Fed./Non-Fed |
| Greene County Transit Board | Demand Response Service | Added two Routes, one AM, one PM | Fed/Non Federal |
| Greene County Transit Board | Demand Response Service | Extended evening service from 9 pm to 10 pm Monday - Friday | Fed/Non Federal |
| Greene County Transit Board | Flex Route Flag Stop | Added Standing Deviation Flag Stop at Fairborn FISH Pantry | Fed/Non Federal |
| Greene County Transit Board | Flex Route Schedule | Revised Red Line Schedule to better serve Central State and Wilberforce Universities | Fed/Non Federal |
| Greene County Transit Board | Vehicle Purchase | Replaced nine Light Transit Vehicles with Accessible Vans with Transit Doors | Fed/Non Federal |
| Miami County Transit | Vehicle Replacements | 5 Vehicle Replacements | Fed/Non-Fed |

TABLE 6.2
TRANSPORTATION SYSTEM MANAGEMENT PROPOSED FOR CY2025 AND CY2026

| RESPONSIBLE AGENCY | PROJECT | DESCRIPTION | FUNDING |
|--|---------------------------------------|---|--------------|
| HIGHWAY / BIKEWAY IMPROVEMENT ACTIVITIES IN 2025/2026 | | | |
| Beavercreek | GRE009-01.60 | North Fairfield Road from Plantation Place to Shakertown Road-Widen existing two lane section to a three lane section to provide a center two-way left turn lane. The project includes installation of curb and gutter, storm sewer, an 8' wide sidepath along the east side and a 5' wide sidewalk on the west side of the roadway. This project includes construction of PID 113664 which is North Fairfield Road from Fairbrook Elementary School to Plantation Place-Widen the roadway to three lanes to include a center turn lane with curb, gutter and storm sewer. An 8' sidewalk will be included along the east side of the roadway and a 5' sidewalk will be included along the west side. | Fed./Non-Fed |
| Beavercreek | GRE009-03.95 | North Fairfield Road from Lawson Drive to Fairwood Drive-Widening the existing four lane section to a five lane section to provide a center two way left turn lane. Any sidewalk disturbed by this project will be replaced as a part of this work. | Fed./Non-Fed |
| Beavercreek | GRE048-01.24 | Factory Road Bridge over Little Beaver Creek-Widen the existing bridge to approximately 58' to provide a bicycle and pedestrian link and to better match the adjacent pavement widths. | Fed./Non-Fed |
| Beavercreek | GRE142-02.94 | Dayton-Xenia Road from Meadow Bridge Drive to Darlington Drive-Widen the roadway to five lanes creating two through lanes in each direction and a center turn lane. The section from Hanes Road to Darlington Drive will taper from five lanes to three lanes at Darlington Drive to include a center turn lane with curb, gutter, and storm sewer. An eight foot wide sidepath will be included along the north side and a five foot wide sidewalk will be included along the south side of the entire project. | Fed./Non-Fed |
| Centerville | 2025 Traffic Signal Maintenance | Traffic signal improvements. | Non-Fed |
| Centerville | 2026 Traffic Signal Maintenance | Traffic signal improvements. | Non-Fed |
| Clayton | MOT - Hoke Road Improvements, Phase 1 | Hoke Road from Smith Drive to Wenger Road-Widen the roadway from two to three lanes, install street lights and construct a 10' tree lined multi-use path. A roundabout will be installed at the intersection of Hoke Road and Wenger Road. | Fed./Non-Fed |

TABLE 6.2
TRANSPORTATION SYSTEM MANAGEMENT PROPOSED FOR CY2025 AND CY2026

| RESPONSIBLE AGENCY | PROJECT | DESCRIPTION | FUNDING |
|--|---|--|--------------|
| HIGHWAY / BIKEWAY IMPROVEMENT ACTIVITIES IN 2025/2026 | | | |
| Dayton | MOT - Germantown Street Bike Lanes | Germantown Street from the Edwin C. Moses Boulevard to Euclid Avenue-Implement a road diet to reduce the through lanes from four lanes to two lanes with a double left turn lane and bike lanes. New pavement and pavement markings will be installed with improved crosswalk markings. | Fed./Non-Fed |
| Dayton | MOT - Philadelphia Improvements | Philadelphia Drive from West Riverview Avenue to Salem Avenue-This project will provide traffic calming including new asphalt, curb extensions to define the on-street parking, and install sidewalk where it is missing. | Fed./Non-Fed |
| Dayton | MOT - Wayne Avenue Widening | Wayne Avenue from Wyoming Street to Waldo Avenue-Widening from four to five lanes resulting in a dedicated left turn lane. Also included are new curbs, sidewalks, and lights installed to enhance the pedestrian facilities. | Fed./Non-Fed |
| Dayton | MOT - Wesleyan Bike Path | Along the north side of Wolf Creek from Bridge Street to Wesleyan Metro Park-Construction of a 10' wide bike path. | Fed./Non-Fed |
| Dayton | MOT - West Third Bikeway | West Third Street from northbound Robert Drive to Ludlow Street-Installation of a two-way in street cycle track in the south curb lane. | Fed./Non-Fed |
| Fairborn | GRE - Broad Street Improvements, Ph. 2B | Broad Street in Fairborn from Pierce Drive to Central Avenue-Narrow the roadway from 4 lanes to 3 lanes and extend the existing bike lanes. This project will include street resurfacing, striping, storm water modifications, new curb and gutter and sidewalk, and will install new street trees and bike racks. | Fed./Non-Fed |
| Fairborn | GRE - Broad Street Phase 3 | Broad Street from Sandhill Road to Central Avenue-Widen the roadway where needed to achieve three lanes of traffic at a minimum, one lane in each direction and a center turn lane. A 10' wide multi-use path will be constructed to connect the current path being built that ends at Sandhill Road to sidewalks and future bike lanes at Central Avenue. Curbs and gutter will be added along the entire stretch of the roadway. | Fed./Non-Fed |
| Five Rivers Metro Parks | MOT - Great Miami Bikeway Connector | Along West Riverview Avenue from Monument Avenue to Belmonte Park Drive-Construction of a bikeway along the top of the levee. | Fed./Non-Fed |

TABLE 6.2
TRANSPORTATION SYSTEM MANAGEMENT PROPOSED FOR CY2025 AND CY2026

| RESPONSIBLE AGENCY | PROJECT | DESCRIPTION | FUNDING |
|--|--|--|--------------|
| HIGHWAY / BIKEWAY IMPROVEMENT ACTIVITIES IN 2025/2026 | | | |
| Greene County | GRE020/073-03.21/02.04 | Intersection of Fairgrounds Road and Hilltop Road- Construction of a roundabout. | Fed./Non-Fed |
| Greene County | GRE142-05.73 | Dayton Xenia Road from Ankeney Road to School East Drive- Installation of a 11' multi-use path along the north side of the roadway. | Fed./Non-Fed |
| Kettering | MOT - East David Road Improvements | East David Road from Far Hills Avenue to Ackerman Boulevard-Resurfacing of asphalt pavement, reconstruction of the traffic signal at East David Road and Ackerman Boulevard, replacement of deteriorated concrete curb, median and drive approaches and non-compliant curb ramps. As part of the traffic signal reconstruction, the project will also include updating two school flashers. One flasher is located at the intersection of Ackerman Boulevard and East David Road and the other flasher is located approximately 800' south of the intersection on the east side of Ackerman Boulevard. The southern school flasher will also include the replacement of the pole and conduit/wiring to it. Also included is 310' of roadway improvements consisting of curb, storm sewer, completing the last missing link of sidewalk, widening an eastbound section of roadway to remove a pinch point for bicyclists. | Fed./Non-Fed |
| Kettering | MOT - SR 835 Ped/Bike Path | Along the north side of SR 835 from County Line Road westward to the Sixth River driveway-Construction of a shared use path. | Fed./Non-Fed |
| Kettering | MOT - West Stroop Road Sidewalk, Phase 2 | West Stroop Road from Stonebridge Road to Ridgeway Road- Construction of a new sidewalk on the north side of the roadway. | Fed./Non-Fed |
| MCD | MOT - Old N. Dayton Trail, Seg. 2 | Left bank of the Great Miami River from Keowee Street to Heid Avenue-Construction of a new 1.17 mile long extension. Work includes installing a new 14 foot wide asphalt path, a trailhead plaza, storm drainage, pavement striping, and signage. | Fed./Non-Fed |
| Montgomery County | MOT - Shoup Mill Road Reconstruction | Shoup Mill Road from Main Street to Riverside Drive- Reconstruction including reconfiguration of existing concrete medians, installation of a 5' sidewalk on the north side and a 10' shared use path on the south side of the roadway, and replacement of the existing corrugated, metal arch culverts at the western project limits and the intersection of Riverside Drive and Shoup Mill Road. | Fed./Non-Fed |

TABLE 6.2
TRANSPORTATION SYSTEM MANAGEMENT PROPOSED FOR CY2025 AND CY2026

| RESPONSIBLE AGENCY | PROJECT | DESCRIPTION | FUNDING |
|--|---|---|--------------|
| HIGHWAY / BIKEWAY IMPROVEMENT ACTIVITIES IN 2025/2026 | | | |
| Montgomery County | MOT - Social Row Road, Phase 2 | Social Row Road from 300' east of Paragon Road to 600' east of Sheehan Road-Widen roadway from two to five lanes with a two-way left turn lane. A new 5' wide sidewalk is proposed on the south side that will connect an existing shared use trail at Robert F. Mays Park to the intersection of Sheehan Road and Social Row Road. There is an existing shared use trail on the north side that will remain or be incorporated into the project with minor improvements. This project includes construction of PID 113360 which is Social Row Road from Waterbury Ridge Lane to 300' east of Paragon Road-Widen roadway from two to five lanes with a two-way left turn lane. A new 5' wide sidewalk is proposed on the south side that will connect existing sidewalk to the west with an existing shared use trail at Robert F. Mays Park. A new 10' wide shared use trail on the north side is proposed that will connect the existing shared use trail west of the project limits with a recently constructed shared use trail constructed on the Randal Residence property. | Fed./Non-Fed |
| Moraine | MOT741-08.61 | SR 741 at Dorothy Lane-Traffic signal reconstruction. | Fed./Non-Fed |
| ODOT District-7 | MIA041-11.32 - SLI-012 | Interchange of I-75 and SR 41 in Troy-Safety and pedestrian improvements including ramp, signal, turn lane and sidewalk improvements. | Fed./Non-Fed |
| ODOT District-7 | MOT SR725/Jamaica TSG - SLI-013 | SR 725 at Jamaica Road-Installation of traffic signal. | Non-Fed |
| ODOT District-7 | MOT725-14.41 | SR 725 at I-75-Improve the operation and safety of the interchange. The project will also include pedestrian improvements. | Fed./Non-Fed |
| Springboro | Traffic Signal Improvement SR 73 and Park Drive | Complete traffic signal upgrades to include mast arms and video detection. | Non-Fed |
| Springboro | Traffic Signal Installation SR 741 and Sycamore Creek Drive | Complete traffic signal improvements to the intersection of SR 741 and Sycamore Creek Drive to provide safe travel for motorists and pedestrians. | Non-Fed |
| Trotwood | MOT - Trotwood Olive Road Walks - SLI-012 | Olive Road from Salem Avenue to Shiloh Springs Road-Add 1,500' of new sidewalk (3 segments) and reconstruction of a traffic signal at SR 49/Olive Road. | Fed./Non-Fed |

TABLE 6.2
TRANSPORTATION SYSTEM MANAGEMENT PROPOSED FOR CY2025 AND CY2026

| RESPONSIBLE AGENCY | PROJECT | DESCRIPTION | FUNDING |
|--|-------------------------------|---|-----------------|
| HIGHWAY / BIKEWAY IMPROVEMENT ACTIVITIES IN 2025/2026 | | | |
| Troy | MIA041-10.32 | West Main Street from Ridge Avenue to I-75-Widening of the street to include at least one 12' through lane in each direction, reconstructing the sidewalk and curb lawn along the corridor, considering safety upgrades to entrances of commercial properties between Dorset Road and I-75, upgrading the signal at Dorset Road intersection, upsizing a water main along a portion of West Main Street and improving the stormwater system along the corridor. | Fed./Non-Fed |
| West Milton | MIA571-06.38 | SR 571 from Miami Street to Rachel Ann Boulevard-Addition of bicycle/pedestrian facilities including 3,000' of 10' wide multi-use path on the south side of the roadway, as well as pavement marking modifications to the bridge and addition of a barrier to facilitate safe travel of pedestrians/cyclists to and from the Stillwater Crossings development. | Fed./Non-Fed |
| RIDESHARE IMPROVEMENTS / OZONE ACTION PROGRAM ACTIVITIES IN 2025/2026 | | | |
| MVRPC | MOT - Air Quality SFY2025 | MVRPC SFY2025 Air Quality Program for Greene, Miami, and Montgomery Counties. Activities associated with air quality designations - Ozone and PM 2.5 | Federal |
| MVRPC | MOT - Air Quality SFY2026 | MVRPC SFY2026 Air Quality Program for Greene, Miami and Montgomery Counties. Activities associated with air quality designations - Ozone and PM2.5 | Federal |
| MVRPC | MOT - Rideshare SFY2025 | MVRPC SFY2025 Rideshare Program for Clinton, Darke, Greene, Miami, Montgomery and Preble Counties. Match Commuters interested in Carpooling to Work/School. Marketing & Outreach-Ridesharing, Bike, Bus & Walking. | Federal |
| MVRPC | MOT - Rideshare SFY2026 | MVRPC SFY2026 Rideshare Program for Clinton, Darke, Greene, Miami, Montgomery and Preble Counties. Match Commuters interested in Carpooling to Work/School. Marketing & Outreach-Ridesharing, Bike, Bus & Walking. | Federal |
| TRANSIT RELATED IMPROVEMENT ACTIVITIES IN 2025/2026 | | | |
| GDRTA | GDRTA Service Area | How to Ride-Community Outreach | Fed./Non-Fed |
| GDRTA | GDRTA Service Area | Hub Improvements | Fed./Non-Fed |
| GDRTA | GDRTA Service Area | Mapping Upgrades | Fed./Non-Fed |
| Greene County Transit Board | Fare Payment System | Mobile Payment Application to purchase of tickets/passes | Fed/Non Federal |
| Greene County Transit Board | Flex Route Service Hours | Expand Evening Hours | Fed/Non Federal |
| Greene County Transit Board | Scheduling Program | Purchase new scheduling program | Fed/Non Federal |
| Miami County Transit | Vehicle Equipment Replacement | Replacement of Vehicle Tablets | Fed/ Non- Fed |
| Miami County Transit | Vehicle Expansion | Adding 2 Vehicles to the Fleet | Fed/ Non- Fed |
| Miami County Transit | Vehicle Replacements | 3 Replacement Vehicles | Fed/ Non- Fed |