

## **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 CY2018 and CY2019 and highlights TSM activities proposed for CY2020 and CY2021.

#### **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 2018 and 2019, 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 2018 and 2019 and plan for more for 2020 and 2021.

Table 6.1 is a listing of TSM improvements, which were completed or implemented in 2018 and 2019. 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 2020 or 2021. 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 PROPOSED FOR CY2018 AND CY2019

RESPONSIBLE AGENCY	PROJECT	DESCRIPTION	FUNDING
<b>HIGHWAY / BIKEWAY IMPROVEMENT ACTIVITIES IN 2018/2019</b>			
Beavercreek	GRE036-01.13	Indian Ripple Rd. from Darst Rd. to Marydale Dr.-Widening of the south side of the road to extend the second eastbound through lane. Installation of curb and gutter, storm sewer, lighting, and a 5' sidewalk along the south side of the roadway. The project also includes access management improvements just east of Darst Rd.	Fed./Non-Fed
Centerville	Alex-Bell and Cloy Road Project	Left turn lane extensions and reconstruction.	Non-Fed
Centerville	MOT - Wilmington Pike 00.00	Wilmington Pike from SR725 to Dille Drive-Upgrade communication between 12 traffic signals and rebuild or upgrade equipment at individual intersections as needed to improve safety and operations.	Fed./Non-Fed
Dayton	MOT - Dayton Bikeway Ramp Riverview	East side of West Riverview Avenue at Great Miami Boulevard-Construct bikepath ramp from the city streets to the Great Miami River Trail.	Fed./Non-Fed
Dayton	MOT - Jefferson Street Bike Lanes	Jefferson Street from East Fifth Street to Buckeye Street and Patterson Boulevard from East Fifth Street to Jefferson Street-Installation of bike lanes.	Fed./Non-Fed
Dayton	MOT - Monument Bike Lane	Monument Avenue from Jefferson Street to Wilkinson Street-Construct a bike lane on Monument Avenue and complete the bike lane on St. Clair Street from Monument Avenue to the alley north of East First Street.	Fed./Non-Fed
Dayton	MOT - Northcutt Place Bikeway Connector	From the intersection of Northcutt Place and Frederick Pike to the Stillwater River Trail-Construction of a bike path.	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 - Springfield Street Reconstruction	Springfield Street from East First Street to Lonoke Avenue-Roadway reconstruction including new street pavement, sidewalks, curbs, curb ramps, storm sewers, street lighting, and appropriate streetscape amenities. The existing 4-lane section will be changed to a three lane section, with one lane northeastbound, one lane southwestbound and a middle turn lane. The project will have a bikeway component in the form bike lanes.	Fed./Non-Fed

TABLE 6.1  
TRANSPORTATION SYSTEM MANAGEMENT PROPOSED FOR CY2018 AND CY2019

RESPONSIBLE AGENCY	PROJECT	DESCRIPTION	FUNDING
<b>HIGHWAY / BIKEWAY IMPROVEMENT ACTIVITIES IN 2018/2019</b>			
Dayton	MOT - Springfield Street Reconstruction, Phase 2	Springfield Street from Lonoke Ave. to McFadden Ave.- Reconstruction of the roadway including curb, sidewalk, concrete base, asphalt pavement, storm sewer, street lighting, landscaping and street amenities. The existing 4-lane section will be changed to a three lane section, with one lane northeastbound, one lane southwestbound and a middle turn lane. The project will have a bikeway component in the form bike lanes.	Fed./Non-Fed
Dayton	MOT - Valley Street Bikeway Connector, Ph. 1A	Great Miami River Corridor Bikeway to Valley Street- Installation of a new bikeway.	Fed./Non-Fed
Dayton	MOT - Washington Street Reconstruction	Washington Street from Perry Street to Jefferson Street- Reconstruction including the removal and replacement of the existing pavement, curb, sidewalk and street lighting. The street section will be changed from four lanes to three lanes with bike lanes, wider sidewalks and street lighting.	Fed./Non-Fed
Dayton	MOT - Wayne Avenue & 4th Street Bike Lane	Wayne Avenue from Fifth Street to St. Clair Street- Installation of bike lanes.	Fed./Non-Fed
Dayton	MOT - Wolf Creek Bikeway Extension	Wolf Creek Trail to Wesleyan MetroPark-Extend trail along the south side of Wolf Creek to Rosedale Dr., then cross Rosedale Dr. bridge and extend along the north side of Wolf Creek to Bridge Street. From there, extend along the west side of Bridge St. to West Riverview Ave., then continue in the West Riverview Ave. right-of-way to just west of Tennyson Ave. Finally, it would traverse on the street along West Riverview Ave. to Wesleyan Park.	Fed./Non-Fed
Franklin	Sidewalk Installation Project	Install new sidewalk at various locations to fill gaps where it is missing.	Non-Fed
Franklin	WAR - Franklin SRTS 2015	Various location in the City of Franklin-Implement various countermeasures to improve safety of kids walking and biking to school including installing a Rectangular Rapid Flashing Beacon at Fourth Street & Sherman Drive.	Fed./Non-Fed
Huber Heights	MOT - Chambersburg Phase 2	Chambersburg Road from Evergreen Woods Drive to Bellefontaine Road-Widen from 2 to 3 lanes. An 8' sidewalk/bikepath will be constructed on the north side of the road along with curb on both sides and storm sewer as needed.	Fed./Non-Fed

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RESPONSIBLE AGENCY	PROJECT	DESCRIPTION	FUNDING
<b>HIGHWAY / BIKEWAY IMPROVEMENT ACTIVITIES IN 2018/2019</b>			
Huber Heights	MOT - Chambersburg Road, Phase 3	Chambersburg Road from Bellefontaine Road extending east approximately 1,850'-Widening the roadway from two to three lanes, extending water and storm sewers, and adjusting the vertical alignment. An 8' sidewalk/bikepath will be installed only on the north side of the street from Bellefontaine Road to Owens Drive, including curb and handicap ramps.	Fed./Non-Fed
Miami Conservancy District	The River Bank (Bank Street Levee Modification)	New paved bikeway access ramp.	Non-Fed
Montgomery County TID	MOT - Lyons Road	South side of Lyons Road from Byers Road to SR 741, then extending 1,200' north from Lyons Road along the west side of SR 741 connecting to existing sidewalk-Construct a separated walk and provide curb and gutter in order to create a buffer zone from traffic. Coordinate pedestrian crossing locations with ODOT's PIDs 101034 and 101851.	Fed./Non-Fed
ODOT District-7	MOT070-03.34	I-70 at Arlington Pike-Remove and replace deficient bridge deck. Bridge will be widened to carry a through lane in each direction and a center turn lane and sidewalk on one side. Decorative lighting will be added to provide pedestrian safety.	Fed./Non-Fed
ODOT District-7	MOT075-00.76	Austin Boulevard at I-75-Reconfigure WB approach lane assignment from 3 lanes where the right turn lane is under yield control to 4 lanes where the dual right turn lanes will be under signal control. Austin Boulevard at Austin Landings intersection-Reconfigure WB approach lane assignments from 4 lanes (T-T-T-R) to 4 lanes (T-T-T-TR). Work on SR 741 to include restriping the previously constructed roadway to include dual left turn lanes for NB traffic turning left onto Austin Blvd.	Fed./Non-Fed
ODOT District-8	GRE017-02.23 - SLI-015	I-675 NB and SB ramps at Dayton-Yellow Springs Rd.- Addition of NB right turn lane at SB off ramp; lengthen EB left turn lane on Dayton-Yellow Springs Rd. at NB ramps; addition of second WB left turn lane on Dayton-Yellow Springs Rd. at SB ramps; addition of EB right turn lane on Dayton-Yellow Springs Rd. at SB ramps.	Fed./Non-Fed
ODOT District-8	GRE035-06.24	US 35 at the Valley/Trebein Road intersection-Add right turn lanes on both the north and south legs of the intersection.	Fed./Non-Fed
Piqua	MIA - East Ash Street Bikeway	US 36 (East Ash Street) from Centre Ct./Scott Dr. to Looney Rd.-Construction of a separated bike lane and pedestrian facility and tree plantings.	Fed./Non-Fed

TABLE 6.1  
TRANSPORTATION SYSTEM MANAGEMENT PROPOSED FOR CY2018 AND CY2019

RESPONSIBLE AGENCY	PROJECT	DESCRIPTION	FUNDING
<b>HIGHWAY / BIKEWAY IMPROVEMENT ACTIVITIES IN 2018/2019</b>			
Piqua	MIA - Looney/Garbry Roundabout	Intersection of Looney Road and Garbry Road-Construct a roundabout.	Fed./Non-Fed
Riverside	MOT - SRTS Riverside IFS 2	South side of Valley Pike from Hypathia Avenue to Harshman Road-Installation of sidewalks. The project will also include storm water drainage, curb and gutter, 4" concrete walk, retaining wall with railing and minor pavement repair.	Fed./Non-Fed
Springboro	Springboro Junior High School Intersection Improvements	Add north and southbound turn lanes into the property.	Non-Fed
Yellow Springs	GRE - Yellow Springs SRTS Sidewalks	Village of Yellow Springs-Install sidewalks, pavement markings and signing at various locations near the schools inside the village.	Fed./Non-Fed
<b>RIDESHARE IMPROVEMENTS / OZONE ACTION PROGRAM ACTIVITIES IN 2018/2019</b>			
MVRPC	MOT - Air Quality SFY2018	MVRPC SFY2018 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 SFY2019	MVRPC SFY2019 Air Quality Program for Greene, Miami and Montgomery Counties. Activities associated with air quality designations - Ozone and PM2.5	Federal
MVRPC	MOT - Rideshare SFY2018	MVRPC SFY2018 Rideshare Program for Cli., Gre., Miami, Mot. and Pre. Counties. Match Commuters Interested in Carpooling to Work/School. Marketing & Outreach - Ridesharing, Bike, Bus & Walking.	Federal
MVRPC	MOT - Rideshare SFY2019	MVRPC SFY2019 Rideshare Program for Cli., Gre., Miami, Mot. and Pre. Counties. Match Commuters interested in Carpooling to Work/School. Marketing & Outreach- Ridesharing, Bike, Bus & Walking.	Federal
<b>TRANSIT RELATED IMPROVEMENT ACTIVITIES IN 2018/2019</b>			
GDRTA	GDRTA Service Area	Transit System Redesign	Fed./Non-Fed
GDRTA	GDRTA Service Area	Fare Payment System Upgrade	Fed./Non-Fed
GDRTA	GDRTA Service Area	Community Planning and Zoning Workshop	Fed./Non-Fed
GDRTA	GDRTA Service Area	2019 Title VI Passenger Survey	Fed./Non-Fed
GDRTA	GDRTA Service Area	Member of Human Services Transportation Council and Greater Regional Mobility Initiative Council	Fed./Non-Fed
GDRTA	GDRTA Service Area	Online Reservations System for Connect Paratransit Services	Fed./Non-Fed
Greene County Transit Board	Expanded Flex Route Service	Continue Peak, Evening, and Weekend Service	Fed/Non-Fed
Greene County Transit Board	Vehicles Purchase	Replace 3 Light Transit Vehicles	Fed/Non-Fed
Miami County Transit	MCT Service Area	Service Efficiency and Expansion Planning	Fed./Non-Fed

TABLE 6.2  
TRANSPORTATION SYSTEM MANAGEMENT FOR CY2020 AND CY2021

RESPONSIBLE AGENCY	PROJECT	DESCRIPTION	FUNDING
<b>HIGHWAY / BIKEWAY IMPROVEMENT ACTIVITIES IN 2020/2021</b>			
Beavercreek	GRE036-01.26	Indian Ripple Rd. from Harbert Dr. to Grange Hall Rd. and from Marydale Dr. to Grange Hall Rd.-Construct an 8' wide sidepath along the north side of the road from Harbert Dr. to Grange Hall Rd. and a 5' wide sidewalk along the south side of the road from east of Marydale Dr. to Grange Hall Rd. New curb and gutter and storm sewer will also be installed along both sides of the road.	Fed./Non-Fed
Beavercreek	GRE040-00.99	Kemp Road from Grange Hall Road to Hanes Road-Expansion of the fiber optic signal network to connect the Kemp at Hanes, Kemp at Turnbull and Kemp at Grange Hall intersections to the City's network. The project will also include traffic signal upgrades and the reconstruction of the existing traffic signal at Kemp Road and Turnbull Road.	Fed./Non-Fed
Beavercreek	GRE040-01.27	Kemp Rd. from Grange Hall Rd. to Meadowcourt Dr.-Widening from 2 to 3 lanes to include a center turn lane with curb and gutter and new storm sewer. An 8' wide sidepath will be included along the north side of the road and a 5' wide sidewalk will be included along the south side of the road.	Fed./Non-Fed
Beavercreek	GRE046-00.00	Grange Hall Rd. from 650' south of Col. Glenn Hwy to Col. Glenn Hwy.; National Rd. from Col. Glenn Hwy. to Beavercreek northern corp. limit-Widening for right turn lanes, extension of second northbound thru-lane, signal modifications, milling and resurfacing, installation of curb, gutter, and storm sewer, extension of sidewalks.	Fed./Non-Fed
Beavercreek	GRE142-01.21	Dayton-Xenia Road from E. Lynn Drive to Woods Drive-Widening to provide a center two way left turn lane, addition of sidewalks along both sides of the roadway, installation of curb and gutter and storm sewer improvement, possible addition of on-street parking.	Fed./Non-Fed
Centerville	Royalwood/Red Coach Sidewalk Construction, Phase 3	Pedestrian improvement.	Non-Fed
Dayton	Forest Avenue and West Riverview Avenue Intersection Improvements	Intersection improvement.	Non-Fed
Dayton	MOT - Belmont Park Bike Path	Belmont Park-Construction of asphalt bike path that will go through and around Belmont Park, connecting the park and Lohrey Rec Center to the surrounding community and nearby bike paths. Project will also add bike racks, benches and other bike amenities.	Fed./Non-Fed
Dayton	MOT - Great Miami River Trail Extension, Ph 2	Edwin C. Moses Boulevard to West River Road-Construction of bikepath extension.	Fed./Non-Fed

TABLE 6.2  
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RESPONSIBLE AGENCY	PROJECT	DESCRIPTION	FUNDING
<b>HIGHWAY / BIKEWAY IMPROVEMENT ACTIVITIES IN 2020/2021</b>			
Dayton	MOT - Springfield St. Reconstruction Ph. 3	Springfield St. from McFadden Ave. to N. Smithville Rd.- Reconstruction of the roadway, including curbing, sidewalks, tree lawns, street lighting and streetscape amenities. The existing 4-lane section will be changed to a three lane section, with one lane northeastbound, one lane southwestbound and a middle turn lane. The project will have a bikeway component in the form bike lanes.	Fed./Non-Fed
Dayton	MOT - Washington Street Bike Path	Washington Street from Perry Street to Veterans Parkway, then south along Veterans Parkway to the Great Miami River Bike Path-Construction of a 10' wide bike path along Washington Street and the installation of sharrows along Veterans Parkway. This project also requires the curb and sidewalk to be realigned.	Fed./Non-Fed
Dayton	MOT - Wolf Creek Bikepath	Along James H. McGee Boulevard from 300' south of Little Richmond Road to Little Richmond Road-The project will extend the Wolf Creek Bikepath from its current terminus 300' to Little Richmond Road. The project will connect the existing Wolf Creek Bikepath to the proposed Wolf Creek Trail along Wolf Creek Road. The current path ends into a 5' wide walk. The project would convert the northbound curb lane into a 10' asphalt path.	Fed./Non-Fed
Dayton	MOT - Wright Dunbar Bikeway	West Third Street from Bank Street to Williams Street-The project will construct a protected bike lane or cycle track along West Third Street from Horace Street to Williams Street and then a separated trail from Horace Street to Bank Street. The cycle track will convert the eastbound curb lane to a two way bike path separated from the vehicular traffic by a concrete curb. The bikeway will then change into a separated bike path behind the walk. Dashed green paint will be placed in the bikeway wherever the bike traffic and vehicular traffic cross.	Fed./Non-Fed
Fairborn	GRE099-00.56	Yellow Springs-Fairfield Road from Spangler Road to the eastern Fairborn corporation limit-Construction of a new multi-use path the entire length of the project as well as sidewalk on the opposite side, curb and gutter and drainage improvements, new asphalt pavement, striping, a signal at Black Lane and a pedestrian crossing at Roehner Drive.	Fed./Non-Fed
Fairborn	GRE444-07.53	Broad Street (SR 444) in Fairborn from Sandhill Road to Spangler Road-Widening from 2 to 3 lanes to provide a center turn lane, installation of curb and gutter and storm sewer, and installation of sidewalk on both sides of the roadway.	Fed./Non-Fed



TABLE 6.2  
TRANSPORTATION SYSTEM MANAGEMENT FOR CY2020 AND CY2021

RESPONSIBLE AGENCY	PROJECT	DESCRIPTION	FUNDING
<b>HIGHWAY / BIKEWAY IMPROVEMENT ACTIVITIES IN 2020/2021</b>			
Fairborn	GRE502-01.12	Maple Avenue from Doris Drive to Dayton Drive-Widening of the roadway to provide bike lanes, pavement repair and resurfacing, upgrade of traffic signals at two intersections, installation of rectangular rapid flashing beacons at unsignalized pedestrian crossings, and application of new pavement markings.	Fed./Non-Fed
Franklin	WAR - Franklin Signals, Phase 2	Riley Boulevard at E. Fourth Street, Riley Boulevard at E. Sixth Street and E. Sixth Street (SR 123) at Anderson Street-Reconstruction of 3 traffic signals with equipment conforming to current standards including vehicular detection and battery backup. The traffic signal operation will be managed by the City using proposed fiber optic interconnect cable communication.	Fed./Non-Fed
Franklin	WAR - Great Miami River Trail Extension	Great Miami River Bikeway from Baxter Drive to the Warren/Butler County Line-Construction of a 10' wide multi-use trail to extend to the existing Great Miami River Scenic Trail. Project includes construction of a retaining wall for approximately 400', installation of concrete barriers to separate traffic and the extension of storm sewer.	Fed./Non-Fed
Franklin	WAR603-00.00	Second Street in Franklin from Riley Boulevard to S. River Road-Reconstruct three traffic signals (Second St. with River, Main and Riley) including new mast-arm signal poles, illuminated signs, and traffic management cameras. Project includes installation of fiber optic interconnect cables for communications with the traffic signals.	Fed./Non-Fed
Montgomery County	MOT - Third Street Bridge	Third Street bridge in Dayton just west of I-75-Replace existing bridge. Also, addition of a 17' shared use path on the south side of Third Street bridge.	Fed./Non-Fed
Moraine	MOT741-08.66	SR 741 from northbound I-75 on-ramp to south of Cardington Road-Widen roadway on the east side to provide a SB left turn lane at Cardington Road and at Industrial Estates Dr. A NB right turn lane will be added at Industrial Estates Dr. The alignment of SR 741 to the ramp to NB I-75 will also be modified.	Fed./Non-Fed
ODOT District-7	MOT725-14.73 - SLI-015	SR 725 from I-75 to Mall Woods Drive/Prestige Plaza Drive-Install overhead lane use signs and "Next Signal" signs on mast arms in advance of signalized intersections in the Dayton Mall area.	Fed./Non-Fed
ODOT District-8	GRE042-03.15 - SLI-032	US 42 at Spring Valley-Paintersville Road-Install a Restricted Crossing U-Turn (R-CUT).	Fed./Non-Fed

TABLE 6.2  
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RESPONSIBLE AGENCY	PROJECT	DESCRIPTION	FUNDING
<b>HIGHWAY / BIKEWAY IMPROVEMENT ACTIVITIES IN 2020/2021</b>			
Piqua	MIA036-11.56	US 36 from Scott Drive to Kienle Drive in Piqua-Upgrade signals at US 36 and Home Depot and US 36 and Kienle with polycarbonate heads, backplates, pedestrian features, and improved pavement markings. Upgrade ADA accommodations at both intersections and retime signals on US 36 between Scott and Kienle Drives.	Federal
Riverside	MOT - W. Airway Road	West Airway Road from Riverside WCL to Woodman Drive-Improve pavement condition by milling and resurfacing with asphalt concrete, improving drainage and spot repairs of curb and sidewalk. Project includes signal reconstruction at Hayden and Harshman/Woodman intersections. Safety-Create the positive offset for the left turn lanes on Airway Road and converting the signal operations from permitted to protected left turning movements on Woodman Drive and Burkhardt Road.	Fed./Non-Fed
Springboro	Clearcreek Park Bike Trail Connection	Construct a multi-use trail connecting East Milo Beck Park to Community Park on the south side of Lower Springboro Road.	Non-Fed
Springboro	SR 741 and Edgebrook Drive Traffic Signal	Complete traffic signal improvements to provide safe travel for motorists and pedestrians.	Non-Fed
Troy	MIA - SR 41 Signal Interconnect	SR 41 from Marybill Drive to Dorset Road-Interconnect and upgrade traffic signals. This will include the communication backbone for the signals to operate in a closed loop system, the upgrade of controllers at Marybill and Dorset and the installation of approach detention as needed.	Fed./Non-Fed
Vandalia	Northwoods Boulevard and Falls Drive Improvements	Roadway improvements including additional lane and installing traffic signal.	Non-Fed
<b>RIDESHARE IMPROVEMENTS / OZONE ACTION PROGRAM ACTIVITIES IN 2020/2021</b>			
MVRPC	MOT - Air Quality SFY2020	MVRPC SFY2020 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 SFY2021	MVRPC SFY2021 Air Quality Program for Greene, Miami and Montgomery Counties. Activities associated with air quality designations - Ozone and PM2.5	Federal
MVRPC	MOT - Rideshare SFY2020	MVRPC SFY2020 Rideshare Program for Cli., Gre., Miami, Mot. and Pre. Counties. Match Commuters Interested in Carpooling to Work/School. Marketing & Outreach - Ridesharing, Bike, Bus & Walking.	Federal
MVRPC	MOT - Rideshare SFY2021	MVRPC SFY2021 Rideshare Program for Cli., Gre., Miami, Mot. and Pre. Counties. Match Commuters interested in Carpooling to Work/School. Marketing & Outreach-Ridesharing, Bike, Bus & Walking.	Federal

TABLE 6.2  
 TRANSPORTATION SYSTEM MANAGEMENT FOR CY2020 AND CY2021

RESPONSIBLE AGENCY	PROJECT	DESCRIPTION	FUNDING
<b>TRANSIT RELATED IMPROVEMENT ACTIVITIES IN 2020/2021</b>			
GDRTA	GDRTA Service Area	Transit System Redesign	Fed./Non-Fed
GDRTA	GDRTA Service Area	Fare Payment System Upgrade	Fed./Non-Fed
GDRTA	GDRTA Service Area	Community Planning and Zoning Workshop	Fed./Non-Fed
GDRTA	GDRTA Service Area	Mobility-as-a-Service Application	Fed./Non-Fed
GDRTA	GDRTA Service Area	Member of Human Services Transportation Council and Greater Regional Mobility Initiative Council	Fed./Non-Fed
GDRTA	GDRTA Service Area	Website Rewrite	Fed./Non-Fed
GDRTA	GDRTA Service Area	Bus Stop Management Tool	Fed./Non-Fed
GDRTA	GDRTA Service Area	Connect Paratransit Run Cutting Software	Fed./Non-Fed
Greene County Transit Board	Expanded Flex Route Service	Continue Peak, Evening, and Weekend Service	Fed./Non-Fed
Greene County Transit Board	Vehicle Purchase	Replace 10 modified mini-vans Light Transit Vehicles	Fed./Non-Fed
Greene County Transit Board	Vehicle Purchase	Replace 9 modified Light Transit Vehicles	Fed./Non-Fed
Miami County Transit	MCT Service Area	Service Efficiency and Expansion Planning	Fed./Non-Fed