

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, Montgomery, and Carlisle, Franklin, and Springboro in Warren Counties. 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 CY2015 and CY2016 and highlights TSM activities proposed for CY2017 and CY2018.

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 2015 and 2016, 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 2015 and 2016 and plan for more for 2017 and 2018.

Table 6.1 is a listing of TSM improvements, which were completed or implemented in 2015 and 2016. 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 2017 or 2018. 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 CY2015 AND CY2016

RESPONSIBLE AGENCY	PROJECT	DESCRIPTION	FUNDING
HIGHWAY / BIKEWAY IMPROVEMENT ACTIVITIES IN 2015/2016			
Beavercreek	GRE - I-675 Bike/Ped. Crossing	I-675 just west of North Fairfield Road-Construct a pedestrian/cyclist bridge over I-675 to provide safe and convenient pedestrian access to Wright State University, Nutter Center, shopping and offices.	Fed./Non-Fed
Beavercreek	GRE009-01.60	North Fairfield Road from Jonathan Drive to Shakertown Road-Widen road to three lanes, including bikeway, curb and gutter and storm sewer.	Fed./Non-Fed
Beavercreek	GRE036-00.27	Indian Ripple Road from 0.27 miles west of I-675 to 0.1 miles east of I-675-Reconfigure lanes as they approach the ramps for I-675. Improve signal timing and phasing at the ramps.	Fed./Non-Fed
Centerville	Cornerstone North Offsite, Phase 1	Reconstruction.	Non-Fed
Centerville	MOT - I-675 Wilmington Pike, Phase 1	I-675 and Wilmington Pike Interchange-Increase safety by reducing lane widths to 11' and removing the concrete median. An adequate width bike facility will be included in the project limits. Left turn lanes are extended beyond the ramp intersections by removing the existing raised median.	Fed./Non-Fed
Dayton	MOT - Broadway Bikeramp SRTS	Broadway Street to the Wolf Creek Bikeway-Construct a bike ramp.	Federal
Dayton	MOT - Broadway Street Bikeway	Broadway Street from West Third Street to Harvard Boulevard, Harvard Boulevard from Broadway Street to Richmond Avenue, Richmond Avenue from Harvard Boulevard to Homewood Avenue, and Homewood Avenue from Richmond Avenue to Forest Avenue-Construct bike lanes on Broadway Street from West Third Street to Harvard Boulevard and creating a bike boulevard through the Five Oaks Neighborhood on Harvard Boulevard, Richmond Avenue and Homewood Avenue.	Fed./Non-Fed

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TRANSPORTATION SYSTEM MANAGEMENT PROPOSED FOR CY2015 AND CY2016

RESPONSIBLE AGENCY	PROJECT	DESCRIPTION	FUNDING
HIGHWAY / BIKEWAY IMPROVEMENT ACTIVITIES IN 2015/2016			
Dayton	MOT - Cleveland Park Bikeway Connector	From Wyoming Street and Steve Whalen Boulevard to Cleveland Park-Construct a bike path through Highland Park to Deanwood Avenue. A bike path will also be constructed through Cleveland Park to Cleveland Avenue. In conjunction with this project, the City of Dayton will mark the pavement to create a bike boulevard along Deanwood Avenue to Santa Cruz Avenue and along Santa Cruz Avenue into Cleveland Park as a separate locally funded project.	Fed./Non-Fed
Dayton	MOT - East Fifth & Hamilton Bikeway	East Fifth Street from Wayne Avenue to Hamilton Avenue and Hamilton Avenue from East Fifth Street to Steve Whalen Boulevard-Construct bike lanes including widening of sidewalks, installation of trees, street lighting and all appropriate street markings and signs.	Fed./Non-Fed
Dayton	MOT - Eastern Hills Bikeway Connector	Cosler Avenue and Alexander Drive to the Creekside Trail-Construction of a bikepath.	Fed./Non-Fed
Dayton	MOT - Hillcrest SRTS	Hillcrest Ave. from 300' west of Ravenwood Avenue to Catalpa Drive-Install sidewalk and ADA compliant curb ramps and replace deteriorated curbing and driveway approaches.	Fed./Non-Fed
Dayton	MOT - Keowee Street Bikeway	Keowee Street from Webster Street to Helena Street-Construct a separated bike path.	Fed./Non-Fed
Dayton	MOT - South Main Street	South Main Street from River Park Drive to Patterson Blvd. in Dayton-Widen from 4 to 5 lanes including asphalt resurfacing, curb, sidewalks, street lights, traffic signals, storm sewer and retaining walls.	Fed./Non-Fed
Dayton	MOT - Warren St. Reconstruction	Warren Street from Wyoming Street to Buckeye Street-Reconstruction including new roadway, curbs, sidewalks, street lighting and lawn areas. Bike lanes will also be striped.	Fed./Non-Fed
Fairborn	GRE - Fairborn Side Path	From existing sidewalk 150' east of the railroad tracks at Xenia Dr., along the east side of Dayton Dr., through Central Park and connecting to the west side of Central Ave, terminating at existing path at the intersection of Central Ave. and South St.-Construction of a wide sidewalk.	Fed./Non-Fed

TABLE 6.1
TRANSPORTATION SYSTEM MANAGEMENT PROPOSED FOR CY2015 AND CY2016

RESPONSIBLE AGENCY	PROJECT	DESCRIPTION	FUNDING
HIGHWAY / BIKEWAY IMPROVEMENT ACTIVITIES IN 2015/2016			
Greene County	Feedwire Road Improvement Project	Improving intersection of Feedwire/Alpha-Bellbrook, widening, turn lanes, overlay.	Non-Fed
Huber Heights	MOT - Chambersburg Widening, Phase 1	Chambersburg Road beginning 280' east of SR 201 and ending at Evergreen Woods Drive-Widening the existing roadway 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.	Fed./Non-Fed
Kettering	MOT - Citywide Signal Upgrade	City of Kettering-Upgrade traffic system central software and hardware; upgrade all traffic signal controllers; upgrade conflict monitors with central system communication capabilities; replace all cameras with upgraded cameras and improved cameras communications; upgrade school flashers with LEDs; introduce fiber optic redundant links; retrofit traffic signal cabinets with UPS; and retrofit curb ramps per ADA requirements.	Fed./Non-Fed
Kettering	MOT - Smithville Bikeway	Smithville Road from Farrington Drive to Forrer Boulevard-Construction of a 10' wide multi-use bike path that will extend a local connection to the local and regional bikeway system.	Fed./Non-Fed
Kettering	MOT088-02.70	East Stroop Road from Shroyer Road to East Dorothy Lane-Mill and overlay of the existing asphalt roadway surface and concrete base pavement repairs. Also installation of a 10' wide multi-use concrete side path along Stroop Road from Wilmington Pike to Glengarry Drive.	Fed./Non-Fed
Miami Conservancy District	Great Miami River Recreational Trail Crack Repair	Repair significant transverse cracks in the trail.	Non-Fed
Miami County	MIA033-03.09	The CSX railroad bridge over Eldean Road-Lower the road profile, install a new elevated railroad structure. Also, widen Eldean Road from two to three lanes from CR 25A west approximately 0.33 miles and upgrade traffic signal at the Eldean Rd./CR 25A intersection.	Fed./Non-Fed
Monroe Township	CR 25A, Michaels Road Intersection	Widening of Michaels Road at CR 25A including addition of turn lane.	Non-Fed
Montgomery County TID	MOT - Miamisburg Connector Trail	From Byers Road to Medlar Road-Construct a multi-use trail that will connect an existing bikeway and pedestrian system.	Fed./Non-Fed

TABLE 6.1
TRANSPORTATION SYSTEM MANAGEMENT PROPOSED FOR CY2015 AND CY2016

RESPONSIBLE AGENCY	PROJECT	DESCRIPTION	FUNDING
HIGHWAY / BIKEWAY IMPROVEMENT ACTIVITIES IN 2015/2016			
Montgomery County	MOT - Clyo/Spring Valley	At the Clyo Road and Spring Valley Pike Intersection- Intersection improvement. Construct dedicated left turn lanes on each approach with traffic signal control. Additional left turn bays are proposed on the NB approach at Clyo/Country Corner Lane and on the EB approach at Spring Run Lane/Spring Valley Pike. Approach lanes are to be 12' and curb installed immediately at the intersection with paved shoulders. A culvert will also be widened.	Fed./Non-Fed
Montgomery County	MOT - North Dixie Drive, Ph. 5A	North Dixie Drive between approximately Bartley Road and 1000' south of Benchwood Drive-Widening from 2 to 5 lanes, the center lane will function as a two-way left turn lane. Design of the typical section will include improvements such as curb, sidewalk, closed storm drainage, etc. Other improvements to be constructed include utility relocation and aesthetic enhancements.	Fed./Non-Fed
Moraine	MOT - Springboro Pike	Springboro Pike north of Northlawn Avenue to Main Street-Replace curb, adjust catch basins, manholes and water valves as needed, mill and replace surface asphalt, PM's, RPM's and traffic signal loops as needed.	Fed./Non-Fed
ODOT District-7	MIA - Covington SRTS Infrastructure	East and west side of Ludlow Street from US 36 to Maple Street; north and south side of Chestnut Street from Ludlow Street to Debra Street; north side of US 36 from Stevens Street to Owens Street-Installation of sidewalk and crossing improvements.	Fed./Non-Fed
ODOT District-7	MIA036-11.56	Interchange of I-75 and US 36/Scott Dr/Centre Ct and Looney Rd in Piqua-Rebuild four signals with mast arms, video and dilemma zone detection. Work also includes upgrading pedestrian facilities at intersections.	Fed./Non-Fed
ODOT District-7	MOT048-16.21	SR 48 from Waverly Ave./Wampler Ave. to Westbrook Rd./Dog Leg Rd.-Signal system upgrade.	Fed./Non-Fed
ODOT District-8	GRE/HAM035/050-05.04/01.05	GRE US-35 at Orchard Lane, GRE US-35 at Valley/Trebein and HAM US-50 at Lawrenceburg Road-Upgrade signals.	Federal

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RESPONSIBLE AGENCY	PROJECT	DESCRIPTION	FUNDING
HIGHWAY / BIKEWAY IMPROVEMENT ACTIVITIES IN 2015/2016			
Piqua	MIA - Bikepath Connections	Garnsey St. from the Great Miami River Recreational Trail to Mote Park and Commercial St. from Garnsey St. to Piqua Activity Trail-Construct short segments of multi-use trails at both ends of the project to connect the existing trail facilities to the existing street improvements. Make the necessary improvements along the two street corridors to designate the bike route and enhance the pedestrian pathways. Street improvements include modest curb, sidewalk, drainage and pavement base repairs, new surface asphalt, signage, PM's and tree plantings.	Fed./Non-Fed
Piqua	MIA - SRTS Piqua Infrastructure	In Piqua-Construct widened shoulder along Indian Trail with street lighting, Install 4-way stop at the intersection of Park Ave. and N. Parkway Dr. with ADA ramps. Install new and repair deteriorated sidewalk with ADA ramps along Scott St., Walker St. and Gill St. Remove traffic signals and replace with rectangular rapid flashing beacons and ADA ramps at intersections along Broadway St., W. Greene St. and N. College St.	Fed./Non-Fed
Piqua	MIA025A-18.26	CR 25A from Looney Road to Indian Ridge Drive-Widen to include a center turn lane and new curb and gutter, add 5' sidewalk and tree lawn on both sides of the project, minor utility work and construction of a new storm sewer is included.	Fed./Non-Fed
Riverside	MOT - D07 SRTS Riverside Infrastructure	In Riverside-Upgrade traffic signal at Valley & Harshman. Build campus pathway with lighting from Rohrer Blvd. to Mad River Middle School. Install sidewalk along Enright Street. Build campus pathway for Beverly Gardens Elementary.	Federal
Springboro	Greenwood Lane/Sharts Road Improvement	Partially realign intersection, adding left turn lane from NB Sharts to WB SR 73, Enable WB turns from SB Greenwood Lane.	Non-Fed
Troy	MIA - Troy Downtown Streetscape Phase 3B	East Main Street from Walnut Street to Mulberry Street- Streetscape includes decorative pavers, new sidewalk, curb bump-outs, ADA ramps, new curbs, pavement and underground electric with decorative light poles.	Fed./Non-Fed
Vandalia	MOT075-22.73	I-75 northbound exit ramp at Northwoods Boulevard-Install a new traffic signal to mitigate congestion and improve traffic operations.	Non-Fed

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RESPONSIBLE AGENCY	PROJECT	DESCRIPTION	FUNDING
HIGHWAY / BIKEWAY IMPROVEMENT ACTIVITIES IN 2015/2016			
West Carrollton	MOT - West Carrollton Intersection Improvement	E. Central Ave., E. Dixie Dr., Cedar St., Slonaker Ave. Intersection-Improve safety by adding a westbound left turn lane, realigning the eastbound left turn lane and changing the traffic signal timing movements. Also included is the extension of the existing bike trail to the east within the work limits and relocation of the sidewalk in the area of the added turn lane.	Fed./Non-Fed
RIDESHARE IMPROVEMENTS / OZONE ACTION PROGRAM ACTIVITIES IN 2015/2016			
MVRPC	MOT - Air Quality SFY2015	MVRPC SFY2015 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 SFY2016	MVRPC SFY2016 Air Quality Program for Greene, Miami and Montgomery Counties. Activities associated with air quality designations - Ozone and PM2.5	Fed./Non-Fed
MVRPC	MOT - Rideshare SFY2015	MVRPC SFY2015 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 SFY2016	MVRPC SFY2016 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
TRANSIT RELATED IMPROVEMENT ACTIVITIES IN 2015/2016			
GDRTA	GDRTA Service Area	Bus Stop Improvements	Fed./Non-Fed
GDRTA	GDRTA Service Area	Community Planning and Zoning Workshop	Fed./Non-Fed
GDRTA	GDRTA Service Area	Transit Center Renovations	Fed./Non-Fed
GDRTA	GDRTA Service Area	Customer Realtime Information System	Fed./Non-Fed
GDRTA	GDRTA Service Area	Bikeshare Program	Fed./Non-Fed
GDRTA	GDRTA Service Area	Bus Pad Replacement Program	Fed./Non-Fed
Greene County Transit Board	Flex Route Evening and Peak Service	Route Planning	Federal/Non-Federal
Greene County Transit Board	Flex Route Evening and Peak Service	Add Evening and Peak Service	Federal/Non-Federal
Greene County Transit Board	Vehicle Purchase	Replace 10 Light Transit Vehicles	Federal/Non-Federal
Greene County Transit Board	Vehicle Purchase	Replace 10 Light Transit Vehicles	Federal/Non-Federal
Greene County Transit Board	Alignment System Purchase	Install Vehicle Alignment System	Federal
Greene County Transit Board	Office Furniture Purchase	Install Furniture for new offices.	Federal
Greene County Transit Board	Phone System Purchase	Install Phone system for new offices	Federal
Miami County Transit	MCT Service Area	Service Efficiency and Expansion Planning	Fed./Non-Fed

TABLE 6.2
TRANSPORTATION SYSTEM MANAGEMENT FOR CY2017 AND CY2018

RESPONSIBLE AGENCY	PROJECT	DESCRIPTION	FUNDING
HIGHWAY / BIKEWAY IMPROVEMENT ACTIVITIES IN 2017/2018			
Beavercreek	Grange Hall Road at SR 835 Turn Land	Addition of southbound right turn lane on Grange Hall Road at the intersection with SR 835.	Non-Fed
Beavercreek	GRE - Beavercreek Signals Phase 3	Indian Ripple Road from Greene Blvd. to North Fairfield Road; North Fairfield Road from Indian Ripple Road to Jonathon Drive- Fiber optic interconnect of all signals in the corridor, controller upgrades and reconstruction of the signals at Grange Hall Rd./Indian Ripple Rd. and Shakertown Rd./North Fairfield Rd. The signal reconstructions will include mast arms for signal poles.	Fed./Non-Fed
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
Beavercreek	Shakertown Road Widening	Widening	Non-Fed
Centerville	Cornerstone North Offsite, Phase 2	Intersection improvements.	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
Centerville	Shawnee Trail/Paragon Sidewalk Connector	Pedestrian Improvement.	Non-Fed
Covington	MIA - Covington SRTS Infrastructure	East and west side of Ludlow Street from US 36 to Maple Street; north and south side of Chestnut Street from Ludlow Street to Debra Street; north side of US 36 from Stevens Street to Owens Street-Installation of sidewalk and crossing improvements.	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 - Dayton Signal System Upgrade	Citywide in Dayton-Replace obsolete traffic signal controllers, aging conflict monitors and the central software.	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

TABLE 6.2
TRANSPORTATION SYSTEM MANAGEMENT FOR CY2017 AND CY2018

RESPONSIBLE AGENCY	PROJECT	DESCRIPTION	FUNDING
HIGHWAY / BIKEWAY IMPROVEMENT ACTIVITIES IN 2017/2018			
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 - 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
Dayton	MOT - Valley Street Bikeway Connector, Ph. 1	Valley Street from Tony Stein Way to Kuntz Road-Installation of bike lanes on Valley Street, Rita Street and Stanley Avenue.	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 - 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
Fairborn	GRE500-00.52	Dayton Drive from Maple Avenue to Xenia Drive-Widening from 2 to 3 lanes between Maple Avenue and Main Street, including new curb and gutter, storm sewer retrofitting and upgrades to the signal at Maple avenue and Dayton Drive. In addition, complete full depth replacement of pavement from Maple Avenue to Xenia Drive.	Fed./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

TABLE 6.2
TRANSPORTATION SYSTEM MANAGEMENT FOR CY2017 AND CY2018

RESPONSIBLE AGENCY	PROJECT	DESCRIPTION	FUNDING
HIGHWAY / BIKEWAY IMPROVEMENT ACTIVITIES IN 2017/2018			
Montgomery County	MOT - Harshman Road Bridge	Harshman Road Bridge over the Mad River-Replace the structurally deficient bridge and widen the structure to accommodate a left turn lane as well as a bicycle lane.	Fed./Non-Fed
Montgomery County	MOT175-00.79	Yankee Street from Austin Pike to Winding Green Way-Widen Yankee Street from two to three lanes, bikepath maintenance on Yankee.	Fed./Non-Fed
ODOT District-7	D07 - TSG MAINT FY16/17 - SLI-012	Districtwide-Traffic signal maintenance project.	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	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-7	MOT741-00.76	SR 741 at Austin Blvd-Make the eastbound right turn lane a free flow lane and install a median between the right turn lane and through lanes. Widen the northbound approach to accommodate the follow-through lane for the eastbound free flow right turn, as well as future dual northbound left turn lane.	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
ODOT District-8	GRE068-09.43	In the City of Xenia: Detroit St. from Home Ave. to Church St.-A safety improvement to provide dedicated on-street bicycle facilities, new signals at Main and Church, high intensity activated crosswalk near Market St., flasher beacons with median refuge near Hill St., redesign SB right turn at Church, remove Detroit Blvd leg.; Main St. from Dayton Ave. to Detroit St.-Remove signals at West St. and King St., install new signal at Galloway St., install flasher beacons with median refuge at Creekside Trail crossing.	Fed./Non-Fed
Miami Conservancy District	The River Bank (Bank Street Levee Modification)	New paved bikeway access ramp.	Non-Fed

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TRANSPORTATION SYSTEM MANAGEMENT FOR CY2017 AND CY2018

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HIGHWAY / BIKEWAY IMPROVEMENT ACTIVITIES IN 2017/2018			
Piqua	MIA - Bikepath Connections	Garnsey St. from the Great Miami River Recreational Trail to Mote Park and Commercial St. from Garnsey St. to Piqua Activity Trail-Construct short segments of multi-use trails at both ends of the project to connect the existing trail facilities to the existing street improvements. Make the necessary improvements along the two street corridors to designate the bike route and enhance the pedestrian pathways. Street improvements include modest curb, sidewalk, drainage and pavement base repairs, new surface asphalt, signage, PM's and tree plantings.	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
Piqua	MIA - Looney/Garbry Roundabout	Intersection of Looney Road and Garbry Road-Construct a roundabout.	Fed./Non-Fed
Springboro	WAR073/741-05.88/15.67	Intersection of SR 73 and SR 741-Improvements to the existing intersection including dual eastbound left turn lanes on SR 73, auxiliary right turn lanes for the eastbound and westbound approaches on SR 73, construction of raised median along the length of the left turn lanes to provide access control through the intersection, and aesthetic enhancements to the intersection.	Fed./Non-Fed
Sugarcreek Twp. (Greene Co.)	GRE - Sugarcreek SRTS 12 Feedwire	Upper Bellbrook Road from existing path to school; Feedwire Road from existing path to Eden Meadows Way-Extend existing path from school, south to existing path by water tower on east side of Upper Bellbrook Road to connect to school sidewalk; extend path from school to Eden Meadows Way on south side of Feedwire Road.	Federal
Tipp City	MIA - 25A Reconstruction, Ph. 2	CR 25A from Michaels Road to Evanston Road-Reconstruction and widening from 2 to 5 lanes; CR 25A from Michaels Road to SR571- Installation of 6' wide sidewalk on the west side of the roadway. The project will also install new curbs, ADA truncated dome handicapped access ramps, storm sewer system, utility relocations, street light, restoration and traffic signage upgrades.	Fed./Non-Fed

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HIGHWAY / BIKEWAY IMPROVEMENT ACTIVITIES IN 2017/2018			
West Carrollton	MOT - Farmersville-West Carrollton Road Improvement, Ph. 4	Farmersville-West Carrollton Road from Upper River Road to west Corp. Limit of West Carrollton-Widen the existing 2 lane, 24' wide roadway by adding 4' shoulders on each side for on-street bicycling and pedestrian accommodation. Also included is roadway repair and overlay.	Fed./Non-Fed
Xenia	GRE035-07.14	Intersection of Main Street (BUS-35) & Hospitality Drive - Installation of a traffic signal to permit all turning movements. In addition, a stop controlled "T" intersection will be constructed at the US-35 Bypass ramp with Main Street.	Fed./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
RIDESHARE IMPROVEMENTS / OZONE ACTION PROGRAM ACTIVITIES IN 2017/2018			
MVRPC	MOT - Air Quality SFY2017	MVRPC SFY2017 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 SFY2018	MVRPC SFY2018 Air Quality Program for Greene, Miami and Montgomery Counties. Activities associated with air quality designations - Ozone and PM2.5	Federal
MVRPC	MOT - Rideshare SFY2017	MVRPC SFY2017 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 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
TRANSIT RELATED IMPROVEMENT ACTIVITIES IN 2017/2018			
GDRTA	GDRTA Service Area	Bus Stop Improvements	Fed./Non-Fed
GDRTA	GDRTA Service Area	Community Planning and Zoning Workshop	Fed./Non-Fed
GDRTA	GDRTA Service Area	Transit Center Renovations	Fed./Non-Fed
GDRTA	GDRTA Service Area	Expanded Demand Response Service Pilot	Fed./Non-Fed
GDRTA	GDRTA Service Area	Bus Pad Replacement Program	Fed./Non-Fed
GDRTA	GDRTA Service Area	E&D Access Improvement Projects	Fed./Non-Fed
GDRTA	GDRTA Service Area	Fare Payment Options Study	Fed./Non-Fed
Greene County Transit Board	Notification Module	Add Notification Module to scheduling software	Non-Federal
Greene County Transit Board	Vehicle Purchase	Replace 6 Light Transit Vehicles	Federal/Non-Federal
Greene County Transit Board	Vehicle Purchase	Replace 8 Light Transit Vehicles	Federal/Non-Federal
Greene County Transit Board	Vehicle Purchase	Add 2 Accessible Vans	Federal/Non-Federal
Greene County Transit Board	Flex Route Weekend Service	Route planning	Federal/Non-Federal
Greene County Transit Board	Flex Route Weekend Service	Add Weekend Service	Federal/Non-Federal
Miami County Transit	MCT Service Area	Service Efficiency and Expansion Planning	Fed./Non-Fed