

Fiscal Year 2018

Performance and Expenditure Report

*Louisville/Jefferson County, KY-IN
Metropolitan Planning Area*



Kentuckiana Regional Planning and Development Agency

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Performance and Expenditure Report
Louisville/Jefferson County (KY-IN) Metropolitan Planning
Area



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This document is available in accessible formats when requested in advance.

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Introduction

Purpose of Document

The purpose of this document is to describe the urban transportation planning activities that were performed and/or managed by or through the Metropolitan Planning Organization of the Kentuckiana Regional Planning and Development Agency in the fiscal year beginning July 1, 2017 and ending June 30, 2018. Applicable federal statutes are 23 USC 134 and 49 USC 5303. The primary federal regulations are 23 CFR 450 and 49 CFR.

The urban transportation planning program addresses the Louisville/Jefferson County (KY-IN) metropolitan planning area. It provides for surface transportation planning in all or portions of Clark, Floyd, and Harrison counties in Indiana and Jefferson, Bullitt, Oldham and Shelby counties in Kentucky. This planning boundary encompasses the area that may become urbanized over the next twenty years and includes the Louisville interstate air quality nonattainment area, designated by the U.S. Environmental Protection Agency.

Although this report contains some detail regarding activities undertaken by KIPDA during the course of the year, it can only provide a snapshot of the entire program. Collection of data critical to the travel modeling that is essential to the transportation planning process is accomplished both by staff and through contracts with Louisville Metro government and the Transit Authority of River City (TARC). Consulting engineering firms are also engaged periodically to provide services such as the recent CR311/US 31 Corridor Study and the KIPDA Freight Mobility Study currently underway. These efforts are typically funded within various Program Elements and are not represented separately in this report.

Above and beyond the work predicted by the FY 2018 Unified Planning Work Program, many hours were dedicated to the successful implementation of projects undertaken by local governments in the region. Assistance is routinely provided to these entities regarding procedure, documentation, methodology, and other requirements associated with the use of federal and state funds.

Program Elements

1.0 Transportation System and Development Monitoring

The purpose of the following elements is to monitor the operation of the surface transportation system and the changes in land use which impact the system. Data collected and maintained under this element is essential to the planning process.

1.1 Traffic Counting

Objectives

- To collect traffic volume and related information for the area's roadway system. This will be accomplished primarily through four activities:
 - Under a contract with KIPDA, Louisville Metro Public Works will collect traffic count and related data within their area;
 - KIPDA staff will conduct traffic counts and collect other Highway Performance Monitoring System (HPMS) data requested by the Indiana Department of Transportation;
 - KIPDA staff will conduct other traffic counts and data collection in the MPA; and
 - KIPDA staff will maintain a traffic count file by processing the above information as well as data collected and provided by the Indiana Department of Transportation and the Kentucky Transportation Cabinet.

Accomplishments

- A focused effort is ongoing to coordinate all data collection with development and maintenance of both the Congestion Management Process and the Freight Network for the region.
- Staff continued to compile new data for the traffic count database file as it becomes available. Traffic count information is being kept in a form that is readily accessible to staff.
- Staff received turning movement counts and 48-hour volume counts from Louisville Metro Public Works, per contract with KIPDA.
- HPMS data collection efforts continued.
- Collection of external data continued.
- Staff maintains an online traffic count database including a GIS map showing the locations of over 3,000 recent traffic counts in the region. This map has been included on the KIPDA website.
- Staff met with Louisville Metro staff to discuss traffic counting for FY 2019.
- Staff conducted traffic counts to provide data for the travel demand forecasting model and for other forecasting endeavors.

1.2 Geographic Information System

Objectives

- To develop a geographic information system capable of addressing transportation planning analysis needs and desires. This is addressed by implementing a set of recommendations developed by a GIS subcommittee of the Transportation Technical Coordinating Committee.

Accomplishments

- Staff continued collecting and inputting various GIS coverage for regional base mapping.
- Staff implemented on-line resources providing MTP and TIP information as well as data for use by project sponsors and the general public
- Staff attended ESRI training at the Annual Conference in San Diego, CA. 7/9-7/13.
- GIS staff prepared mapping for MTP workshops and participated in the process by attending the meetings and geo-coding public comments.
- Staff completed various mapping requests from planning staff.
- Staff attended the Kentucky Association of Mapping Professionals (KAMP) summer, winter and spring meetings.

1.3 TARC Route Monitoring

Objectives

- To collect ridership information on selected transit routes. The Transit Authority of River City, under contract with KIPDA, will monitor ridership by route and assess adherence of service to established performance standards.

Accomplishments

- Annual route monitoring report & presentations to MPO committees.
- Assisted TARC in development of GIS layers containing route information as well as bus stop locations and amenities.

1.4 Maintenance and Update of Information

- Traffic Count Database
- Project Information Database
- Contacts Database
- KYTC Project Information Forms
- Socioeconomic/Census Data
- Crash Data
- Bicycle and Pedestrian Facilities
- Park and Ride Inventory
- Intermodal Facilities
- Transportation Library Database

Objectives

- To provide the means of accessing the data necessary to conduct the planning process. Staff will develop, maintain, and regularly update the listed datasets.
- To assist the Census Bureau in preparation for and conduct of the 2020 census by providing technical assistance and coordination for updates of local census boundaries and information.

Accomplishments

- Processed data products received from various sources.
- Staff continued processing and performing quality control on data from the 2006-2010 CTPP and continued to process small area data from the 2011-2015 American Community Survey (ACS).
- Staff continued to update the Indiana roadway functional classification system, National Highway System (NHS), and National Truck Network (NTN) in Clark and Floyd counties.

1.5 Response to Information Requests

Objectives

- To provide information from the datasets and other sources to constituent agencies, the public, and others on request. KIPDA is responsible for fulfilling some of those responsibilities as an affiliate of the Kentucky State Data Center.

Accomplishments

- Processed data products received from various sources.
- Collected and formatted data for a public information document about regional transportation characteristics.
- Provided information in the form of text, tables, reports, maps, mailing lists, databases, etc. to various agencies and individuals.
- Staff provided information requested by other MPO and agency staff.
- Provide traffic and other data and assistance as requested.
- Maintained the traffic count database and public access to website map.
- Continued to investigate Project Management Database conversion
- Staff will continue to download and process small area data from the Census, ACS, and CTPP.
- Staff continued to provide Title VI and EJ-related data from the ACS and small-area Census geography shape files to area agencies for use in their Title VI and EJ-related activities.

2.0 Long Range Transportation Planning

The most recent update to the Transportation Plan for the Louisville (KY-IN) Metropolitan Planning Area, *Horizon 2035*, was completed in October 2014. The *Horizon 2035 Plan* provides project and policy oriented recommendations concerning the management and development of the area's transportation system through the year 2035. Work on an update to the MTP (with a horizon year of 2040) has been initiated, with a scheduled adoption by the Transportation Policy Committee in late 2019. In cases where transportation investment decisions will have significant fundamental impacts on the region and the entire transportation system, additional detailed studies may be conducted to provide a thorough analysis of the transportation problems and alternative solutions proposed to address those problems.

2.1 Transportation Plan Maintenance/Update

Objectives

- To maintain a MAP-21 and FAST Act compliant long range transportation plan for the Louisville/Jefferson County (KY-IN) Metropolitan Planning Area.
- To process proposed amendments to the *Horizon 2035 Plan* according to established procedures.
- To prepare an update to the Horizon 2035 Plan and extend the horizon year to 2040.

Accomplishments

- Staff continued to explore ways to improve transit in the region relative to the Connecting Kentuckiana update.
- Staff continued development of the *Connecting Kentuckiana* Issues Report.
- Staff continued development of a Performance Management Plan for the MTP.
- Staff continued development of *Connecting Kentuckiana* Focus Areas.
- Staff continued freight planning activities relative to the MTP.
- Staff continued with Congestion Management Process (CMP) activities related to the Metropolitan Transportation Plan.
- Staff continues to review and input updated information into the KIPDA project database for the purpose of Plan maintenance.
- Staff continued to develop a project tracking process.
- Staff participated in review of potential modifications to the KYTC Strategic Highway Implementation for Tomorrow (SHIFT) process to develop regional project rankings.
- Staff continued the process of strengthening the tie between GIS and a project's proximity to various points of interest.
- Staff participated in the development of the update to the Louisville Metro Comprehensive Plan as a member of the Advisory Committee, as well as participating on the Mobility Work Group.
- Staff developed of an online version of an interactive map for all MTP and TIP projects.
- Staff processed Amendment 8 and began the process for Amendments 9 and 10.

- Staff held an Open House on 2/27 to offer opportunity for public review of Amendment 8 to the Horizon 2035 MTP.
- Staff continued with the development and expansion of the KIPDA On-Line Resource Center in order to assist with the *Connecting Kentuckiana* Solutions phase and project development.
- Staff participated in the process of reviewing elements of the KYTC SHIFT process.
- Staff attended a meeting concerning the transportation component of the Floyds Fork Area Neighborhood Study on 11/29.
- Staff attended a public meeting for the KYTC Outer Loop Corridor Study on 12/5.
- Staff coordinated with KYTC and INDOT on FHWA Performance Measures and submitted PM1 performance targets to KYTC and INDOT on 2/26.
- The KIPDA Performance Management Plan was updated and was approved by the TPC on 5/24.

2.2 Travel Model Development

Objectives

- Travel demand forecasting model development is a continuous process intended to maintain an up to date planning tool that stays current with the latest modeling procedures, travel and socioeconomic data, and computer resources. This includes the collection/processing of data needed for the model and staff training.

Accomplishments

- Staff continues to refine the regional travel demand model with project changes and traffic data collection.
- Staff has continued to update the regional travel demand model in advance of the upcoming MTP Update.
- Staff performed analyses comparing the distribution of household sizes and vehicle availabilities to their respective per household average values for use in the update of the regional travel demand model in preparation for the update of the Metropolitan Transportation Plan.
- Staff quantified some relationships between socioeconomic variables at the TAD and County levels.
- Staff attended the Kentucky Model Users Group Meeting on 11/16.
- Staff met with various planning partners to develop socio-economic forecasts to be used in the update (2040) of the regional travel demand model on 2/21, 2/23, and 2/27.
- Staff met with planning partners in Clark County and Louisville Metro to develop socio-economic forecasts to be used in the update of the regional travel demand model on 3/1 and 3/8.
- Staff began calibrating the 2015 (Base Year) model.

2.3 Air Quality Analysis/Conformity Consultation

Objectives

- To conduct air quality analyses as part of Metropolitan Transportation Plan and Transportation Improvement Program development in a manner that is consistent with federal requirements
- To fulfill the requirements of the air quality conformity consultation process as outlined in the Memorandum of Understanding
- To provide a basis for quantifying the emission reduction benefits of projects and programs seeking Congestion Management/Air Quality funding
- To participate with other agencies in the development of the new State Implementation Plans and mobile source emissions budgets for 8-hour ozone and particulate matter (PM_{2.5}).

Accomplishments

- Staff provided emission reduction estimates for the CMAQ projects of some of the constituent agencies.
- Staff reviewed information concerning the *South Coast Air Quality Management District v. EPA* court case to determine its effect on the attainment status of the region and the need to perform conformity analyses in the near future.
- Staff was informed that the Clark and Floyd counties in Indiana and Bullitt, Jefferson, and Oldham counties in Kentucky would be designated as a marginal nonattainment area under the 2015 8-hour Ozone standard. The designation is expected to be effective in August, 2018.
- The agencies of the interagency consultation group reviewed the project changes for amendment 8 of the metropolitan transportation plan and amendment 1 of the FY 2018 – 2021 Transportation Improvement Program. Agreement was reached that an air quality conformity analysis would not be necessary.
- Staff participated in the review of Louisville Metro's Greenhouse Gas Inventory on 6/2 and 6/13.

2.4 Intelligent Transportation Systems Planning

Objectives

- To plan for the deployment of the various ITS strategies within the context of the overall transportation planning and decision-making process
- To coordinate the implementation and integration of ITS with traditional transportation system improvements, transportation system management, transportation demand management strategies and Operations & Management strategies.

Accomplishments

- Staff continued to review ITS technology advances and monitors local and regional developments.
- Staff maintained an ITS informational web page.

- Staff attended the KYTC District 5 Freeway Incident Management Meeting in Louisville on 9/14.
- Staff attended the KY ITS and AV Peer Exchange meeting in Lexington, KY on 5/30.

2.5 Congestion Management Process

Objectives

- To more effectively coordinate travel demand reduction and operational management measures in the Louisville area. The approved congestion management work program and “state of the system” reports provide guidance and information for local efforts. In addition, KIPDA will provide support to the Traffic Response and Incident Management Assisting the River Cities (TRIMARC) project. TRIMARC will provide the basis for Intelligent Transportation System (ITS) deployment, consistent with the KIPDA Regional ITS Architecture plan.

Accomplishments

- Staff continued to update the CMP—to review and update the network and modes, regional data collection plan, goals and objectives, performance measurement mechanisms, and mitigation strategies. (See also work element 1.1.)
- Staff continues to participate with TRIMARC and NET operations—as it relates to congestion management.
- Staff continued with data collection in Jefferson County to support CMP performance measurement.
- Staff attended the KYTC District 5 Freeway Incident Management Meeting in Louisville on 9/14, 12/14, and 3/8.

2.6 Public Transportation Planning

Objectives

- To increase the opportunities for trips in the region to be made using transit or other forms of public transportation.

- To increase the efficiency and coordination between public transportation, private transportation providers, and other travel modes.

Accomplishments

- Staff reviewed the Coordinated Human Services Transportation Plan for the Nine-County KIPDA Region.
- Staff continued review of the regional transit system in conjunction with TARC planners.
- The Downtown Mobility Study was completed in November, with early products being proposals for route and headway modifications for the ZeroBus, which replaced the on-street trolley system. Extensive work was also done to resolve conflicts between routes in the urban core and examining multi-modal interfaces.

- Staff reviewed the scope of work for consultant services for the TARC Comprehensive Operational Analysis (COA) and Long Range Plan, and will serve on the Project Advisory Team.

2.7 Freight Planning

Objectives

- To encourage efficient, safe, and secure freight movement across and between modes in the metropolitan area

Accomplishments

- Staff continued to update the regional Freight Information System.
- Staff continues to participate with TRIMARC and NET operations—as it relates to freight movement.
- Staff attended KYTC/KFACT meeting with UPS in Louisville on 7/26.
- Staff attended joint Ohio Conference on Freight/Mid-America Freight Coalition (MAFC) conference in Columbus, OH on 8/2-8/4.
- Staff attended and participated in the KY Freight Advisory Committee for Transportation (KFACT) in Frankfort on 8/30.
- Staff attended TRB webinar “Benefit-Cost Methodologies for Evaluating Multimodal Freight Corridor Investments” on 9/7.
- Staff attended KYTC District 5 Freeway Incident Management Meeting in Louisville on 9/14.
- Staff attended FHWA Talking Freight webinar “Talking Freight: Freight and Passenger Rail Operations Coordination Issues and Needs” on 9/21.
- Staff attended FHWA/BTS webinar “Inside the FAF4—Truck Flow Estimation Method and Visualization” on 9/25.
- Staff attended TRB webinar “Commodity Flow Survey Microdata to Estimate the Generation of Freight, Freight Trips, and Service Trips” on 9/26.
- A selection committee was established and proposals were received for development of a Regional Freight Mobility Study.
- A consultant was selected for the Regional Freight Mobility Study on 5/17.

2.8 Bicycle and Pedestrian Planning

Objectives

- To increase the opportunities for trips in the region to be made on foot or by bicycle.
- To increase the efficiency and coordination between bicycle and pedestrian modes and other travel modes.
- To address the implementation of a regional bicycle and pedestrian network.
- To increase the safety and suitability of bicycle and pedestrian facilities.
- To increase awareness of bicycle and pedestrian modes as means of travel.

Accomplishments

- Staff reviewed bicycle and pedestrian issues as part of the Issues phase of the *Connecting Kentuckiana* Metropolitan Transportation Plan development.
- Staff met with various project sponsors to assist with the development of TAP and CMAQ applications for bicycle and/or pedestrian projects.
- Staff continued refining methodology to analyze bicycle and pedestrian crashes.
- Staff reviewed bicycle and pedestrian issues as part of the Issues phase of the *Connecting Kentuckiana* Metropolitan Transportation Plan development.
- Identified additional bicycle facilities that need to be added to regional inventory
- Staff completed its review of crashes involving bicycles and pedestrians.
- Staff continued collecting bicycle and pedestrian inventory data.

3.0 Short Range Transportation Planning/Programming

3.1 Transportation Improvement Program

Objectives

- The Transportation Improvement Program (TIP) is the mechanism for programming expenditures of federal surface transportation funds in the Louisville/Jefferson County (KY-IN) Metropolitan Planning Area. A transportation project must be programmed in this document in order to utilize federal funds. The TIP is endorsed by the Transportation Policy Committee and submitted to the states for incorporation into the Indiana and Kentucky Statewide Transportation Improvement Programs. The TIP indicates regional project priorities within the programming period consistent with funding projections developed by the states. KIPDA staff is an active participant in the Indiana Department of Transportation's Annual Program Development Process (APDP) which utilizes project priority information from the Major Moves program and the Planning and Oversight Committee (IPOC) process and the Kentucky Transportation Cabinet's Six Year Plan development process as statewide mechanisms for the programming of projects. Because the TIP is consistent with *Horizon 2035*, the long range transportation plan, it conforms to air quality standards based on the conformity of *Horizon 2035*. The TIP also is the means for maintaining current information on the status of transportation projects throughout the year and for coordinating project implementation.

Accomplishments

- Staff processed administrative modifications to the FY 2015-FY 2018 TIP.
- Staff reviewed TIP projects in the KIPDA project database for accuracy.
- Staff continued development of a TIP project tracking process.
- Staff continued development and update of an online data resource center for use with the TIP funding applications.
- Staff submitted CMAQ project priorities to the KYTC for consideration through the Statewide Call for Projects.
- Staff held quarterly project review meetings with Indiana and Kentucky project sponsors to evaluate progress with dedicated funding.
- Staff developed a schedule for an Amendment to the FY 2018 – 2021 TIP.
- Staff developed a schedule for the development of a new FY 2019 – 2022 TIP.
- Staff began a Call for FY 2019 and 2020 HSIP projects in Indiana.
- Staff held an Open House on 2/27 to offer opportunity for public review of Amendment 1 to the FY 2018 – 2021 TIP.
- Staff worked with KYTC District and Central Office Planning staff to review the process for inclusion of Six-Year Highway Plan projects in the MTP and TIP.
- Staff began receiving Project Information Forms (PIFs) from project sponsors in anticipation of the next MTP and TIP amendments.
- Staff attended training for Highway Program Funding.
- Staff completed the FY 2017 Obligations Reports for INDOT and KYTC.

3.2 Project Design/Traffic Study Data Requests

Objectives

- To provide traffic data, as requested by implementing agencies or their consultants, for project design or scoping study purposes.

Accomplishments

- Answered numerous citizen requests and member agency requests for information concerning traffic data and project information.
- Staff prepared traffic forecasts and socio-economic forecasts for use by Louisville Metro in development of their Comprehensive Plan update.
- Staff prepared traffic forecasts and socio-economic forecasts for use by Louisville Metro in development of their Comprehensive Plan update.
- Staff developed traffic forecasts for KYTC's I-265 widening project, KYTC's Outer Loop Corridor Study, and for the Town of Clarksville's South Clarksville Redevelopment Plan.
- Staff continued to participate in KYTC's Outer Loop Corridor Study.
- Staff continued to participate in KYTC's I-265 Widening Study.
- Staff reviewed projects submitted for FY 2018 – 2021 TIP Amendment 1
- Staff held weekly internal Funding and Reporting meetings
- Staff attended the monthly project coordination meeting between Louisville Metro Government and Kentucky Transportation Cabinet
- Staff presented information about the FY 2018 – 2021 TIP Amendment 1 at the joint TTCC / TPC meeting
- Staff presented information about the Quarterly Project Review process at the joint TTCC / TPC meeting

3.3 Short Range Studies and Programs

Objectives

- To respond to requests from local officials and agencies for assistance in transportation planning related areas.

Products

Short Range Study/Program Status as of June 30, 2014				
<i>Name</i>	<i>Sponsor</i>	<i>% Complete</i>	<i>On Schedule?</i>	<i>Completed or Estimated Completion</i>
Downtown Mobility Plan	KIPDA/DDC	100%	No	11/17
CR 311/US 31	KIPDA, Clarksville, Sellersburg, Clark County	100%	Yes	7/17

3.4 Transportation Safety Planning

Objectives

- To provide the planning support needed to improve the safety of the Metropolitan Planning Area transportation system through cooperation with other agencies, data collection, monitoring, and analysis

Accomplishments

- Staff continued to build civilian and governmental contacts throughout the region.
- Staff continues to participate with TRIMARC and NET operations.
- Staff continues to address highway safety issues as needed at quarterly Regional Transportation Council Meetings.
- Staff accessed and began processing the latest crash data from Kentucky and Indiana for both safety and congestion assessment purposes.
- Staff assisted KYTC and their consultant on the analysis of high crash intersections in KYTC District 5.
- Staff attended an INDOT-led safety performance measure target setting workshop on 10/10.
- Staff developed MPO approach to setting targets for Safety Performance Measurement.
- Staff attended the District 5 Freeway Incident Management meeting on 9/14, 12/14, and 3/8.

3.5 Transportation Security Planning

Objectives

- To provide the planning support needed to improve the security of the Metropolitan Planning Area transportation system in preparing for and responding to unexpected security incidents or natural disasters

- To cooperate with various other public agencies in the metropolitan area with more direct responsibility in the area of transportation security, emergency management and disaster recovery

Product

Incorporation of security considerations into the MPO transportation planning process, including the funding of short range planning studies, ITS, and management and operations

- Staff continued to stay abreast of Transportation Security related issues.

3.6 Management and Operations Planning

Objectives

- To encourage efficient management and operations of existing and planned infrastructure through the transportation planning process, thereby optimizing the performance of those facilities.
- To include management and operations strategies as part of long range plan and Transportation Improvement Program development in a manner that is consistent with federal requirements.
- To promote collaboration and coordination of management and operations activities among diverse public and private stakeholders and across multiple jurisdictions.

Accomplishments

- Staff continued to compile and review M & O resources for the Plan, TIP and CMP updates.
- Staff attended the District 5 Freeway Incident Management meeting on 9/14, 12/14, and 3/8.

4.0 Program Administration

4.1 Unified Planning Work Program

Objectives

To prepare the document and administer Unified Planning Work Program activities. To complete necessary correspondence, grant applications, contracts, invoices, and progress reports in support of the work program

Accomplishments

- Annual work program that responds to federal, state and local guidance
- Funding contracts in support of the work program were drafted and executed.
- Staff prepared and submitted FY 2018 Quarterly (and subsequently monthly) Reports, along with invoices.
- Staff submitted the FY 2017 Performance and Expenditure Report to KYTC.
- Data was collected and budgets were determined for inclusion in the FY 2019 UPWP.
- Equipment and supplies were purchased as needed to carry out transportation planning activities, including scheduled replacement of computer equipment
- Membership in professional organizations, including the Association of Metropolitan Planning Organizations, Transportation Research Board, the American Public Transportation Association, and Delta Nu Alpha were maintained.
- The Final Draft of the UPWP was recommended for TPC approval by the TTCC on 4/11 and was approved by the TPC on 4/26.

4.2 Public Involvement/Title VI

Objectives

- One of KIPDA's objectives is to engage interested parties, other agencies, and the general public in a collaborative and inclusive transportation planning process using the techniques described in the Participation Plan document.

- A related objective is the result of Executive Order 12898, concerning special efforts to encourage the involvement of low income populations and minority populations in the transportation planning decision-making process. This effort will be aimed at: (1) developing a process to evaluate disproportionate impacts and distribution of benefits of plans and programs on low income and minority populations; and (2) assess the effectiveness of the Participation Plan to engage low income populations and minority populations.

- A third objective is to improve short- and long-term transportation decision making by promoting broader overall community understanding of, and opportunities for input to, the transportation planning process in the Louisville (KY-IN) Metropolitan Planning Area.

Accomplishments

- Advertised public events where the general public is provided an opportunity to review and comment on KIPDA planning and programming activities
- Public comment period at all meetings of the KIPDA Transportation Policy Committee and Transportation Technical Coordinating Committee
- Proactive and innovative outreach and involvement actions directed at minority and low income populations, persons with disabilities (ADA compliance), and persons with low English proficiency
- Continued with the development, update, and maintenance of the Contacts Database
- Continued to maintain and update the KIPDA website and the Connecting Kentuckiana Metropolitan Transportation Plan Update micro site.
- Staff continued to work with low-income and minority advocates and individuals/agencies to discuss Title VI issues with their constituents.
- Staff continued to document and track public comment/outreach meetings and to report them to the TPC at their monthly meetings.
- Staff continued to review and update the Title VI activities.
- Staff continued compiling EJ/Title VI-related background data for update of the Community Assessment and Outreach Program document.
- Staff continued to meet with local newspaper reporters about KIPDA activities as well as advertising representatives to further get our message out.
- Staff continued updates to the KIPDA Facebook and Twitter pages.
- Staff continued with a review of the KIPDA ADA Transition Plan and Self-Evaluation to determine where updates were needed.
- Staff reviewed the KIPDA Participation Plan and offered opportunities for public review.
- Staff began drafting a Division Title VI Policy and updating forms and procedures to ensure compliance with Title VI directives.
- Staff continued to receive Title VI/Environmental Justice education via formal training and informal webinars.
- Staff advertised public comment period for MTP and TIP amendments in newspapers.
- Staff sent postcards to Title VI areas with information about public comment period for amendments to TIP and MTP.
- Staff updated EJ study areas using 2011-2015 5-Year ACS data.
- Staff is revising elected officials database.
- Staff attended the Great Lakes ADA Center webinar “Accessibility 101: An ingredient in the recipe, not an addition for afterwards” on 9/21.
- Staff completed the *Outer Loop/KY 1065 Socioeconomic Study: Third Street Road (KY 907) to National Turnpike (KY 1020)* for KYTC on 9/29.
- Staff attended the One Southern Indiana ACE Awards 11/30.
- Staff attended the One Southern Indiana Pearls of Wisdom 12/06.
- Staff attended Bullitt County Chamber of Commerce 12/14
- Staff attended Kentucky Association of Government Communicators 12/7.
- Staff attended the Middletown Chamber of Commerce 3/8.

- Staff attended the Jeffersontown Chamber of Commerce Business Expo 3/22.
- Staff attended the Middletown Chamber of Commerce Luncheon with Metro Louisville Mayor Greg Fisher on 3/8.
- Staff attended the Kentucky Digital Government Summit in Frankfort on 4/17.
- Staff attended the Earth Day Walk at Iroquois Park on 4/21.
- Staff attended the public meeting for the I-265 Widening Project on 5/8.
- Staff attended the Kentucky Association of Government Communicators Conference in Frankfort on 5/11.
- Staff attended Bike Together Day on 5/18.
- Staff attended the Middletown Chamber of Commerce meeting with 3rd Congressional Representative, John Yarmuth on 6/29.

4.3 Committee Support

Objectives

- Two standing committees provide direction for the cooperative transportation planning program - the Transportation Policy Committee and its advisory Transportation Technical Coordinating Committee. The objectives of this work element are to develop a regional perspective among local jurisdictions and the states to support area transportation planning and transportation projects of regional benefit and to improve communications among policy makers, the public, and staff in advancing regional transportation priorities. Staff activities are designed to provide information and materials needed by the KIPDA Board of Directors, Transportation Policy Committee, and Transportation Technical Coordinating Committee to address transportation planning issues in the Louisville-Southern Indiana Metropolitan Planning Area and to keep the transportation committees informed on federal guidance and current transportation planning practices.

Accomplishments

- Prepared Committee agendas, notices, minutes and memoranda.
- Maintained up-to-date committee members' lists, guides and committee bylaws.
- Made presentations in committee and subcommittee meetings and workshops.
- Staff attended the TPC meetings on 7/27, 9/28, 10/26, 11/21, 2/22, 3/22, 4/26 and 5/24.
- Staff attended the TTCC meetings on 7/12, 9/13, 10/11, 2/14, 3/14, 4/11 and 5/9.
- Staff attended the Joint TPC/TTCC meeting on 12/13.
- Staff attended the monthly Indiana MPO meeting on 12/7 and 6/28
- Staff attended the monthly Indiana MPO meeting by telephone on 7/27, 8/24, 9/28, 2/22, 3/22, 4/26 and 5/24.
- Staff attended the KYTC Statewide Transportation Planning meeting on 4/18.
- Staff, with support from a selection committee, selected a recipient of the third annual Kentucky-Indiana Transportation Excellence (KITE) Award. The winner for 2017 was the New Albany Street Conversion Project, sponsored by the City of New Albany.

4.4 Staff Management and Training

Objectives

- To provide guidance and oversight of the planning activities of staff.
- To improve staff capabilities through training opportunities.
- To provide the equipment and materials needed to carry out the planning process.

Accomplishments

- Staff attended FHWA Office of Transportation Performance Management webinar “MPO Coordination NPRM Webinar” on 7/15.
- Staff attended FHWA webinar “NPMRDS Update Webinar” on 7/20.
- Staff attended the TMIP webinar “Simplified Tour-Based Models” on 7/26.
- Staff attended the TMIP webinar “Forecasting Congestion Scenarios using a Travel Time Index” on 8/16.
- Staff attended the 2017 ACEC-KY/FHWA/KYTC Partnering Conference in Louisville on 9/16 and 9/17.
- Staff attended the 2017 KYSITE Fall Meeting in Louisville on 9/21.
- Staff attended NHI training entitled *Effective Target Setting for Transportation Performance Management* on 3/21-22 in Greenfield, IN.
- Staff participated in the TRB Webinar: *Organizational Change for Performance and Asset Management* on 5/22.
- Staff attended the *Kentucky ITS & AV Peer Exchange* in Lexington on 5/30.
- Staff participated in International Association of Public Participation webinar *Beyond Inclusion* on 6/12.
- Staff participated in FHWA webinar *Community Impact Assessment - A Quick Reference for Transportation: 2018 Update* on 6/19.
- Staff participated in FHWA webinar *Community Impact Assessment - Example Best Practices* on 6/27.
- Preparation for the Federal Certification review process began with development of staff assignments and cross-training.

5.0 Commuter Services

5.1 Rideshare Program

Objectives

- To develop commitment to and awareness of the Rideshare Program
- To provide effective administration of the Transportation Demand Management (TDM) program through enhanced awareness of Ticket to Ride and other efforts
- To serve as an information clearinghouse concerning TDM and Transportation System Management (TSM) issues for the Kentuckiana region
- To develop, broker and provide programs and services that reduce the use of single occupant vehicles (SOVs) as the primary means of commuting in the region
- To create a supportive policy environment for alternative transportation programs

Accomplishments

- Provided ridematching assistance for area commuters, maintaining a database with over 2,000 active commuters at over 140 worksites.
- Met with regional employers to discuss employee transportation programs.
- Registered and updated commuters' records for the Ticket to Ride carpool, vanpool, bikepool, and Guaranteed Ride Home programs.
- Downloaded rideshare applications through Ticket to Ride's web page (www.tickettoride.org); received and responded to inquiries about existing vanpools and forming new vanpools.
- Reported required monthly and annual data to the National Transit Database (NTD) regarding the vanpool program.
- Maintained data to track of vanpool maintenance, inspection, and service dates; notified drivers when service was due.
- Performed monthly invoicing of vanpool participants.
- Performed quarterly reports for TARC of vanpool payments received.
- Maintained 69 vanpools at year's end with over 470 participants.
- Delivered vans to TARC for routine maintenance; completed 136 routine inspections and 135 repairs. 9 after-hours emergency response
- Continued to work with Nimbus on brand, messaging & campaigns, and prepared a Request for Proposals (RFP) for 2019-2020 marketing consultant.
- Revised the Ticket to Ride Vanpool Guidebook, Member & Driver Agreement, and other forms as necessary.
- Coordinated with TARC for the delivery of vanpool vehicles.
- Coordinated with TARC for the retirement of vanpool vehicles.
- Staff presented KY Manufacturing Career Center Employer Advisory Group on 7/19.
- Staff participated in Rawlings Health Fair 7/20.
- Staff attended Association of Commuter Transportation conference in New Orleans 7/30-8/2.
- Staff held promotional event at Health & Human Services building in Frankfort on 8/9.

- Ticket to Ride sponsored & presented at Bullitt County Chamber of Commerce Luncheon 8/10.
- Staff met with General Electric Human Resources to discuss vanpool options on 8/16.
- Staff attended and exhibited at Mayors Bike & Hike on Labor Day 9/4.
- Staff held promotional event at Fort Knox on 9/7.
- Staff attended the One Southern Indiana Pearls of Wisdom as sponsor 9/13.
- Staff participated in ACT Vanpool Council Communications Committee meeting on 9/20.
- Staff attended the Green Transportation Team meeting on 10/3.
- Staff attended the One Southern Indiana Business Expo on 10/18.
- Staff participated in the Association for Commuter Transportation Monthly Public Agency Vanpool Working Group on 10/19.
- Staff attended a Health & Benefits Fair on 10/23.
- Staff attended and participated in the Louisville Sustainability Committee Summit on 10/27.
- Staff participated in the Transportation Management Associations: Building Public/Private Partnerships for Commuters webinar on 10/31.
- Staff attended a UPS Health & Benefits Fair on 11/2.
- Staff met with FedEx for vanpool/rideshare promotions on 11/8.
- Staff attended the Green Transportation Team meeting on 12/5.
- Staff attended and facilitated the One Southern Indiana Pearls of Wisdom meeting on 12/6.
- Staff attended the Kentucky Association of Government Communicators annual meeting on 12/7.
- Staff attended the Bullitt County Chamber of Commerce meeting on 12/14.
- Staff attended the Green Transportation Team meeting on 1/9, 3/13, 4/10 and 5/8.
- Staff promoted TTR at Fort Knox on 1/18.
- Staff attended Creative Mornings on 1/26, 4/6, 5/18 and 6/22.
- Staff met with Jeffersontown Business leaders on 1/24 to discuss potential vanpool partners.
- Completed the Marketing and Advertising RFP, which was provided approval to move forward by the KIPDA Board of Directors on 2/22.
- Completed the contract for the purchase of new and replacement vanpool vehicles, which was approved by the KIPDA Board of Directors on 2/22.
- Staff met with Transit Authority of Central Kentucky (TACK) to coordinate rideshare between regions on 2/1.
- Staff met with Crown Services staffing agency to discuss potential vanpool opportunities on 2/6.
- Attended Kentucky Association of Government Communicators Lunch & Learn on 4/18.
- Promoted Vanpool/Ridesharing in Fort Knox on 4/19.
- Participated as a sponsor/vendor at Louisville Earth Walk on 4/21.
- Met with Louisville Sports Marketing to discuss potential collaborations on 4/20
- Staff promoted Ticket to Ride programs at UPS at an employee benefit fair on 5/11.

- Staff attended the Kentucky Association of Government Communicators Conference on 5/11.
- Staff promoted Ticket to Ride programs at the Bike to Work Day event on 5/18.
- Staff presented Ticket to Ride programs to the KIPDA Regional Transportation Committee on 5/24.
- KIPDA Board of Directors approved extending the contract with Trapeze Group, the ridematching and vanpool administration software developers, on 5/24.
- Staff promoted Ticket to Ride programs at Rawlings in LaGrange on 6/4.
- Staff met with Louisville Sustainability Committee Manager for Metro Louisville on 6/7.
- Staff met with University of Louisville Athletics Marketing manager for advertising opportunities on 6/13.
- Staff promoted Ticket to Ride programs at Rev A Shelf on 6/14.
- Staff promoted Ticket to Ride programs at Computershare on 6/21.
- Continued to work with Nimbus on brand, messaging & campaigns and finish out contract for FY 18.
- Continued to refine the Ticket to Ride website (www.tickettoride.org).
- Posted to social media (Facebook and Twitter) promoting the Ticket to Ride program as well as utilized social media promoting seating availability on specific vanpools and the Emergency Ride Home program
- Coordinated with TARC for the purchase of vanpool vehicles.
- Estimated program benefits* for FY 2018:

Reduction in VMT	47,375,269 miles
Reduction in Commuting Cost	\$11,843,531
Reduction in carbon monoxide (tons)	262
Reduction in Volatile Organic Compounds (VOC) (tons)	46
Reduction in oxides of nitrogen (tons)	122

*As provided in the RidePro Periodic Activity Summary from 07/01/2017 through 06/30/2018

OTHER ACTIVITIES

Considerable time and effort has been dedicated to the development of the next Metropolitan Transportation Plan Update, entitled “Connecting Kentuckiana”. This update will have a horizon year of 2040 and will have a focus on performance-based transportation planning. A wide variety of data analyses are ongoing in support of this update.

Performance Management has also been a focus of considerable effort for the MPO, as targets are being established by both INDOT and KYTC based on federal guidelines and schedules..

FY 2018 UPWP Estimation of MPO Staff Hours Distribution by Element

<i>Work Elements</i>	<i>MPO Staff Hours</i>	<i>MPO Person weeks</i>	<i>Percent of Element</i>	<i>Percent of Program</i>
1.0 System/Development Monitoring	6490	185.4	100%	24.2%
1.1 Traffic Counting	920	26.3	14.2%	
1.2 Geographic Information System	3360	96.0	51.8%	
1.3 TARC Route Monitoring	80	2.3	1.2%	
1.4 Maintenance and Update of Information	1890	54.0	29.1%	
1.5 Response to Information Requests	240	6.9	3.7%	
2.0 Long Range Planning	11620	332.0	100%	43.3%
2.1 Transportation Plan Maintenance/Update	4150	118.6	35.7%	
2.2 Travel Model Development	2050	58.6	17.6%	
2.3 Air Quality Analysis/Conformity Consultation	750	21.4	6.5%	
2.4 Intelligent Transportation Systems Planning	260	7.4	2.2%	
2.5 Congestion Management Process	1460	41.7	12.6%	
2.6 Public Transportation Planning	600	17.1	5.2%	
2.7 Freight Planning	700	20.0	6.0%	
2.8 Bicycle and Pedestrian Planning	1650	47.1	14.2%	
3.0 Short Range Planning/Programming	4070	116.3	100%	15.2%
3.1 Transportation Improvement Program	2770	79.1	68.1%	
3.2 Project Design/Traffic Study Data Requests	480	13.7	11.8%	
3.3 Short Range Studies	240	6.9	5.9%	
3.4 Transportation Safety Planning	130	3.7	3.2%	
3.5 Transportation Security Planning	130	3.7	3.2%	
3.6 Management and Operations Planning	320	9.1	7.9%	
4.0 Program Administration	4,660	133.1	100%	17.3%
4.1 Unified Planning Work Program	180	5.1	3.9%	
4.2 Public Involvement/Title VI	1450	41.4	31.1%	
4.3 Committee Support	1920	54.9	41.2%	
4.4 Staff Management and Training	1110	31.7	23.8%	
5.0 Rideshare Program	10920	312	100%	n/a

The following tables represent expenditures for implementation of the metropolitan transportation planning program for the Louisville/Jefferson County KY-IN MPO. Differences between the Budget amounts shown here and the Budget amounts presented in the 2018 UPWP are generally reflective of the inclusion of studies and data collection contracts within the work elements, rather than those being indicated separately as in the UPWP. The UPWP is developed in February, and slight modifications to the budget are made as the agency budget is finalized in June.

FY 2018 FHWA (KY) - PL Funding Expenditures

Work Element	1 st Quarter		2 nd Quarter		3 rd Quarter		4 th Quarter		Total		
	Amount	% of Budget	Amount	% of Budget	Amount	% of Budget	Amount	% of Budget	Amount	% of Budget	Budget
System & Development Monitoring	49,650	19%	39,995	15%	51,676	20%	60,387	23%	201,668	78%	258,618
Long Range Planning	96,791	19%	77,890	15%	100,740	20%	117,722	23%	393,143	78%	504,165
Short Range Planning/ Programming	35,285	19%	28,395	15%	36,725	20%	42,915	23%	143,320	78%	182,986
Program Administration	45,276	19%	36,434	15%	47,123	20%	55,066	23%	183,899	78%	235,831
TOTAL	227,002	19%	182,673	15%	236,264	20%	276,091	23%	922,030	78%	1,181,600

FY 2018 FHWA & FTA (IN) - PL Funding Expenditures

Work Element	1 st Quarter		2 nd Quarter		3 rd Quarter		4 th Quarter		Total		
	Amount	% of Budget	Amount	% of Budget	Amount	% of Budget	Amount	% of Budget	Amount	% of Budget	Budget
System & Development Monitoring	12,491	19%	10,258	16%	12,910	20%	14,879	23%	50,537	78%	65,029
Long Range Planning	24,351	19%	19,997	16%	25,167	20%	29,005	23%	98,520	78%	126,770
Short Range Planning/ Programming	8,877	19%	7,290	16%	9,175	20%	10,574	23%	35,915	78%	47,170
Program Administration	11,390	19%	9,354	16%	11,772	20%	13,568	23%	46,085	78%	59,299
TOTAL	57,109	19%	46,899	16%	59,024	20%	68,026	23%	231,058	78%	298,268

FY 2018 FTA 5303 (KY) - PL Funding Expenditures

Work Element	1 st Quarter		2 nd Quarter		3 rd Quarter		4 th Quarter		Total	Budget	
	Amount	% of Budget	Amount	% of Budget	Amount	% of Budget	Amount	% of Budget	Amount	% of Budget	Budget
System & Development Monitoring	10,505	19%	8,453	15%	10,936	20%	12,771	23%	42,655	78%	54,713
Long Range Planning	20,479	19%	16,479	15%	21,319	20%	24,896	23%	83,173	78%	106,661
Short Range Planning/ Programming	7,466	19%	6,008	15%	7,772	20%	9,076	23%	30,321	78%	38,734
Program Administration	9,579	19%	7,709	15%	9,972	20%	11,646	23%	38,906	78%	49,892
Total	48,029	19%	38,649	15%	49,998	20%	58,388	23%	195,064	78%	250,000

FY 2018 State and Local (Match) Expenditures

Work Element	1 st Quarter		2 nd Quarter		3 rd Quarter		4 th Quarter		Total	Budget	
	Amount	% of Budget	Amount	% of Budget	Amount	% of Budget	Amount	% of Budget	Amount	% of Budget	Budget
System & Development Monitoring	3,103	19%	2,609	16%	3,230	20%	3,662	23%	12,604	78%	16,164
Long Range Planning	6,050	19%	5,086	16%	6,296	20%	7,140	23%	24,572	78%	31,511
Short Range Planning/ Programming	2,205	19%	1,854	16%	2,295	20%	2,603	23%	8,958	78%	11,436
Program Administration	2,830	19%	2,379	16%	2,945	20%	3,340	23%	11,494	78%	14,739
Total	14,188	19%	11,929	16%	14,766	20%	16,745	23%	57,628	78%	73,850

FY 2018 Funding and Budget Totals

Work Element	1 st Quarter		2 nd Quarter		3 rd Quarter		4 th Quarter		Total		Budget
	Amount	% of Budget	Amount	% of Budget	Amount	% of Budget	Amount	% of Budget	Amount	% of Budget	
System & Development Monitoring	75,479	19%	61,275	16%	78,751	20%	91,699	23%	307,475	78%	394,524
Long Range Planning	147,670	19%	119,453	16%	153,522	20%	178,763	23%	599,408	78%	769,107
Short Range Planning/ Programming	53,833	19%	43,546	16%	55,966	20%	65,168	23%	218,513	78%	280,326
Program Administration	69,075	19%	55,876	16%	71,813	20%	83,620	23%	280,384	78%	359,761
Total	346,328	19%	280,150	16%	360,052	20%	419,250	23%	1,405,780	78%	1,803,718

FY 2018 Work Element Completion

Work Element	1 st Quarter	2 nd Quarter	3 rd Quarter	4 th Quarter	Total
	% complete	% complete	% complete	% complete	% complete
System & Development Monitoring	24%	21%	26%	29%	100%
Long Range Planning	24%	21%	26%	29%	100%
Short Range Planning/ Programming	24%	21%	26%	29%	100%
Program Administration	24%	21%	26%	29%	100%