

**COMMONWEALTH OF KENTUCKY
TRANSPORTATION CABINET
DEPARTMENT OF HIGHWAYS
DIVISION OF PLANNING**



**ANNUAL PERFORMANCE AND
EXPENDITURE REPORT
FOR
FISCAL YEAR 2009 ANNUAL WORK PROGRAM
PROJECT SP 0009 (001)
JUNE 16, 2008 THROUGH JUNE 15, 2009**

SEPTEMBER 2009

Introduction

The Annual Performance and Expenditure Report is required under 23 CFR 420.117. This document outlines the transportation planning activities conducted by the Kentucky Transportation Cabinet (KYTC) under Planning (Part I) of the SPR work program for the period of June 16, 2008 through June 15, 2009 (Fiscal Year 2009).

Many issues faced the Division of Planning during the period of this work program. Restaffing from the retirements in the past year took place while the workload greatly increased. Many analyses, studies, and traffic forecasts were initiated during the past year to support the KYTC lettings. The Division continued to work to increase our utilization of our roadway data management software, Highways by EXOR. Improvements to the quality of the data were made through collection efforts with our Area Development District (ADD) partners, and efficiencies in this program resulted in our ability to collect updated data quicker than was previously expected. Planning continued work with the Kentucky State Police and our ADD partners to maintain the digital base map of roadways and utilize that information to create visual representations of the state highway systems for use by KYTC, other agencies, and the general public. The Division continued efforts at intermodal planning and completed an update of the Statewide Transportation Plan. The Division made great efforts to aid the Cabinet and our MPO partners in making sure our required documents and processes were compliant with SAFETEA-LU and the associated revised regulations promulgated in 23 CFR 450. We worked closely with the Office of Special Programs in getting CMAQ, TE, and Safe Routes to School projects into the MPO Transportation Improvement Programs so funding could be authorized.

All these activities occurred while the Division of Planning continued to collect necessary data, manage and report the data as required, respond for requests for data both within and outside the Cabinet, forecast future transportation demands, plan for the transportation needs within the Commonwealth, coordinate with our rural and metropolitan planning partners, address air quality concerns, support project selection for the Six-Year Highway Plan and Statewide Transportation Improvement Program, and address other State and Federal requirements.

Attached are accomplishments for each chapter of the FY 2009 Work Program. Expenditures are summarized at the end of the document showing initial budget, final budget, expenditures, encumbered (remaining to be spent) monies, and unspent funds.

ACCOMPLISHMENTS FOR 2008-2009

CHAPTER 1

Customer Service

RESPONSIBLE UNIT

Division of Planning
Customer Service Branch

PURPOSE AND SCOPE

The Customer Service Branch in the Division of Planning is responsible for administrative activities directly attributable to the SPR Planning Work Program chapters and to oversee and manage requests from external sources for maps and other information.

PROPOSED ACTIVITIES FOR 2008-2009

- Prepare daily correspondence, reports, agreements, etc. for Division activities related to the SPR Planning Work Program.
Accomplished
- Prepare daily time and attendance and maintain records for Division of Planning employees.
Accomplished
- Prepare all travel requests and travel reimbursements.
Prepared 30 Out-of-State Travel Authorizations
Prepared 67 Travel Reimbursements
- Prepare all registrations for various training to accomplish the goals of the SPR Planning Work Program and maintain training records.
Accomplished
- Prepare contracts, letter agreements, purchase requests, etc. for the Division related to the SPR Planning Work Program.
Prepared/Maintained 85 contracts
- Process payments against contracts awarded by the Division related to the SPR Planning Work Program.
Processed payments against the 85 contracts that were prepared this fiscal year plus additional contracts that were already setup.
- Coordinate and prepare the annual SPR Planning Work Program and the annual SPR Planning Work Program and Expenditures Report.
Accomplished
- Track budgets and annual SPR Planning Work Program Expenditures.
Accomplished
- Process various payments related to the SPR Planning Work Program.
Processed phone bills for 82 phone lines and 51 electric lines each month for Automatic Traffic Recorders.

ACCOMPLISHMENTS FOR 2008-2009

CHAPTER 1

Customer Service (continued)

RESPONSIBLE UNIT

Division of Planning
Customer Service Branch

- The External Customer Service Team will also focus on customers external to the Division for cartographic products, statistical reports, and responses to various data requests including responding to requests from the Division's web page. This team is responsible for providing maps upon request to other divisions within the Cabinet, other state government agencies, or to the general public. In addition, they will also assist in creating and updating digital county, city and district maps for generating other special application maps displaying HIS information.
The External Customer Service Team focused last year on customers external to the Division for cartographic products and responded to various data requests including approximately 720 requests from the Division's web page. This team was responsible for the plotting and distribution of approximately 800 city, county, or other miscellaneous maps to other divisions within the Cabinet, other state government agencies, or to the general public. This team also assisted with the creation of updated State Primary Road System maps.

PRODUCTS

The Internal Customer Service Team will coordinate and prepare the annual SPR Planning Work Program and the annual SPR Planning Work Program and Expenditures Report. This team will also prepare all contracts, letter agreements, and purchase requests relating to the SPR Work Program. They will process all payments against contracts awarded by the Division related to the SPR Work Program. The External Customer Service Team will also focus on customers external to the Division for cartographic products, statistical reports, and responses to various data requests including responding to requests from the Division's web page. This team is responsible for providing maps upon request to other divisions within the Cabinet, other state government agencies, or to the general public. In addition, they will also assist in creating and updating digital county, city and district maps for generating other special application maps displaying HIS information.

ACCOMPLISHMENTS FOR 2008-2009

CHAPTER 2	Personnel Training
RESPONSIBLE UNIT	Division of Planning

PURPOSE AND SCOPE

The training of personnel is essential to the transportation program in order to keep pace with changing techniques and evaluate new procedures and developments. This is particularly essential to the Cabinet's programs as more efficient and detailed technical analyses and assistance are required.

PROPOSED ACTIVITIES FOR 2008-2009

An effort will be made to continue a level of staff training which will maintain the integrity of professional career development and improvement of technological skills. Training will include, but not be limited to, conferences, workshops, classes, or like training. This will not include registration fees to attend annual meetings or conferences except fees for portions of such conferences that do provide eligible training. We will also provide annual in-state Traffic Data Recorder Training for District personnel. Training for Highway District Office Planning personnel, ADD personnel, and MPO personnel in procedures, regulations, technical issues, etc., may also be included as necessary to provide for improved coordination and efficiency within and between the Statewide and Metropolitan planning efforts.

Training for 2008-2009 included conferences/workshops or like training:

- ArcGIS I and ArcGIS II
- Kentucky GIS Conference
- Highway Information Seminar
- EXOR Conference
- Professional Transportation Planner Refresher Course Web Seminar
- Land Use: Coordinating Land Use and Transportation
- FHWA-NHI-130078- Access Management, Location & Design
- Kentuckians for Better Transportation Conference
- 2009 Freight Conference
- NCFRP team meetings for research
- ITTS Committee Meeting
- Mississippi Valley Freight Research meetings and Annual Conference
- Partnering Conference 2009
- Advanced GIS Training
- Training Development for Work Zone Traffic Management
- Transmodeler
- Lifesavers Conference
- Kentucky American Planning Association Fall Conference
- NEPA Air Quality Analyses for Highways Webinar
- Mobile Source Air Toxics (MSATs) Webinar
- Diesel Retrofit Technologies – Availability, Performance, and Cost Webinar
- Diesel Retrofit 101 – A Cost Effective Emissions Reduction Strategy Webinar
- Managed Lanes Webinar

ACCOMPLISHMENTS FOR 2008-2009

CHAPTER 2 Personnel Training

RESPONSIBLE UNIT Division of Planning

- Performance Measures Webinar
- MOBILE6.2
- HPMS Reassessment Webinars
- Climate Change, Impacts on U.S. Transportation, and Adaptation Strategies Webinar
- Institute of Transportation Engineers Professional Transportation Planner Refresher Course
- Highway Capacity Training
- Scenario Planning

PRODUCTS

Personnel with career development opportunities, improved technological skills, broadened knowledge, enhanced capabilities, and more efficient operation.

DISTRIBUTION OF ESTIMATED COST FOR 2008-2009

PERSONNEL	\$329,300
OTHER	\$5,000
TOTAL	\$334,300

ACCOMPLISHMENTS FOR 2008-2009

CHAPTER 3

Traffic and Equipment Management

RESPONSIBLE UNIT

Division of Planning
Traffic and Equipment Management Branch

PURPOSE AND SCOPE

The Equipment Management Team focuses on the identification, purchase, repair/maintenance, placement, and operation of various pieces of traffic data collection equipment statewide with the Districts and within the Division.

The Traffic Data Collection and Processing Team, working with our Highway District Offices, assign, process, analyze, and provide access to traffic volume and vehicle classification data for highway planning, design, reporting to FHWA, transportation decisions, and various other purposes. This involves making a significant number of short duration (usually 48 hours) portable machine counts on the State Highway System and state-maintained local roads. An adequate program of continuous traffic counting stations (ATRs) provides the basis for factoring short-term counts. Vehicle classification data will be assigned, processed, and made available to Cabinet staff for analytical and forecasting purposes.

PROPOSED ACTIVITIES FOR 2008-2009

- Maintain, update, analyze, provide quality control and assurance of data, and make available data from more than 13,500 traffic count stations.
Accomplished
- Work with the Highway District Offices to perform approximately 5,900 regularly scheduled short-duration portable machine counts yearly which include one-third of all short-duration traffic count stations.
Typo-this should be 5,000. Accomplished 100%
- In accordance with the Traffic Monitoring Guide, collect and process vehicle classification data for approximately 1,500 stations, which is 25-30% of all traffic count stations statewide.
Approximately 830 classification counts which account for 25-30% of state maintained and non-state maintained functionally classified arterials and collectors as required by TMG.
- Review, assign, process, analyze, and distribute data for approximately 400 special count stations that are requested by the highway districts and other divisions.
Completed all special counts requested, totaling 350.
- Collect volume and classification data on approximately 200 interstate stations.
Completed
- Collect, process, analyze, and submit quarterly one week of weigh-in-motion (WIM) data at 28 permanent WIM stations and submit 48 hours of WIM data at ten portable WIM stations. Periodically calibrate and assess equipment for adjustments in order to obtain quality data.
0% complete due to staff turnover and having to prioritize work duties.
- Download, process, repair, maintain, and analyze data from 80+ permanent ATR stations. Review proper operation, locations, and coverage for possible new ATR station installations. Install additional stations as necessary.
Accomplished

ACCOMPLISHMENTS FOR 2008-2009

CHAPTER 3

Traffic and Equipment Management (continued)

RESPONSIBLE UNIT

Division of Planning
Traffic and Equipment Management Branch

- Update axle and monthly factors used in adjusting short term counts, such as weekly, monthly, and axle correction factors from data collected at ATR and vehicle classification stations.
Completed
 - Investigate and purchase new technologies, sensors, data recorders, and communication devices developed for the traffic-counting industry to provide for safer, more efficient and more accurate methods of collection.
Investigation and evaluation were completed however no suitable equipment has been found to date. Will continue to research.
 - Certify, repair, and maintain approximately 650 traffic data recorders.
Completed
 - Install, inspect, repair, and maintain 400 permanent vehicle sensor locations.
Completed
 - Track emerging highway projects and produce plans and specifications for new and replacement traffic sensor installations for submittal into construction and pavement rehabilitation contracts.
Completed
 - Update in-house databases to include any new stations or roadway alignment changes. Correct beginning and ending milepoints to better represent traffic generators.
Completed
 - Detect, analyze, and adjust volume counts while combining and creating additional stations where necessary.
Completed
 - Work with the FHWA to document the entire TMS process.
Completed
 - Provide oversight of consultants/contractors to assist the Division TMS field data collection. Process and provide quality control and assurance of those counts. Provide storage and analysis of those counts.
Completed
 - Review, analyze, and update data summaries for vehicle weights and calculating Equivalent Single Axle Loads (ESALs).
Data files provided to University of Kentucky
 - Investigate, evaluate, and purchase new software to move mainframe vehicle classification and potentially volume data to a pc-based software with much more capabilities for display, trend analysis, and viewing that also works with the upgrade of HIS.
Software has been purchased and is currently being tested.
- Other
- **90 Count maps were created and updated with current traffic information.**
 - **Implemented Interactive Traffic Count Maps on the Division's website to show the most current traffic counts available.**

ACCOMPLISHMENTS FOR 2008-2009

CHAPTER 3

Traffic and Equipment Management (continued)

RESPONSIBLE UNIT

Division of Planning
Traffic and Equipment Management Branch

PRODUCTS

- Short-duration portable machine volume and classification counts
- Perform and process data for special counts
- Install, maintain, and process data from permanent Automatic Traffic Recorders (ATRs)
- Updated axle, monthly factors, and correction factors
- Updated and maintained databases of count data, count stations, or other associated data
- Weigh-in-motion data
- Install, maintain, and process volume and classification data from permanent vehicle sensor locations at high volume and other locations where it is infeasible to conduct portable counts

DISTRIBUTION OF ESTIMATED COST FOR 2008-2009

PERSONNEL	\$3,603,000
OTHER	\$995,000
TOTAL	\$4,558,000

ESTIMATED OUTSOURCING EXPENSES AND PURCHASES

- \$1,100,000 for Interstate and Arterial contract for Loop and Piezo installation.
All installations were on Interstates.
- \$1,000,000 new contract for outsourced traffic counts and sensor installations.
This was year 2 of a 2-year contract.
- \$50,000 for Weigh-In-Motion (WIM) Research.
- \$800,000 for purchase of new Automatic Traffic Data Recorders.
No additional equipment has yet been purchased, still researching available technology.
- \$75,000 for Piezos and Road Tube

ACCOMPLISHMENTS FOR 2008-2009

CHAPTER 4

Roadway Systems

RESPONSIBLE UNIT

Division of Planning
Transportation Systems Branch

PURPOSE AND SCOPE

The Systems Team maintains the official Department of Highways records for the following: State Primary Road System (SPRS); National Highway System (NHS); Functional Classification System; Designated National Truck Network (NN); Coal Haul Highway System; and Forest Highway System. They work with Highway District Office Planning and Central Office Data Management staffs to track roadway changes, accomplish systems changes and prepare official documents for approval. The team also gathers and compiles source data annually for the Coal Haul Highway System on the transportation of coal by truck in the Commonwealth of Kentucky.

PROPOSED ACTIVITIES FOR 2008-2009

- Track roadway construction projects to identify new alignments and their affect on roadway systems.
Tracked 46 weeks of Project Authorizations and 11 bid lettings for this fiscal year.
- Coordinate the two-way flow of information between the Highway District planning staffs and Central Office Planning and Data Management staffs regarding roadway construction and ownership status.
Maintained and updated the project tracking database as information was obtained from the Highway District or Data Management staffs so that information was available to all. Created 169 maps to request construction and ownership status information from the Highway Districts and others.
- Ensure the SPRS reflects roadways of significance, matches the functional classification system, and the electronic base map coverage.
Discovered and processed changes resulting from roadway data collection and roadway system data reviews.
- Generate official documentation recommending appropriate SPRS revisions to the Cabinet Secretary /Commissioner of Highways for approval.
Over 140 Official Orders processed and distributed.
- Review SPRS revisions for any necessary modifications to other systems such as functional classification, National Highway System, National Truck Network, etc.
Official Orders processed as necessary.
- Compile data to provide ton-mile statistics to the Governor's Office for Local Development for coal transported on Kentucky Highways.
Coal haul report data provided to Department of Local Government on 8/13/08.
- Publish Kentucky's Official Coal Haul System Report.
Report published to web page 8/13/08.
- Provide the Division of Maintenance information for their review and updating the "Extended Weight Coal Haul Road System". *List of bridges on the proposed Extended Weight system provided to Div. of Maintenance on 8/27/08. Produce the Official Order for approval of the updated system. Extended Weight Coal Road System Official Order signed in January 2009.*

ACCOMPLISHMENTS FOR 2008-2009

CHAPTER 4

Roadway Systems (continued)

RESPONSIBLE UNIT

Division of Planning
Transportation Systems Branch

Chapter 5 General Comments: Schedules were met for all tasks completed

PRODUCTS

- Transportation Official Orders
Task 100% completed:
Over 140 Official Orders processed and distributed
Discovered and processed changes resulting from roadway data collection and roadway system data reviews
- State Primary Road System Official Order Listings
Task 100% completed:
Updated each county State Primary System Official Order Listing document when each Official Order was processed (over 140 times)
- Functional Classification Reports
Task 100% completed:
Reviewed and processed corrections and revisions resulting from the Division of Program Management's identification of old Federal Aid routes
Coordinated requests from local government and District and requested approval from FHWA for revisions to Jefferson County functional class
Requested and received approval from FHWA for 2 frontage road relinquishments
- Coal Haul System Report and maps
Task 100% completed:
Processed 900 reported routes on which coal was trucked
Produced 31 Coal Haul System County Maps and Statewide routes map
Produced State Coal Haul System GIS shapefiles
Local road coal haul data provided to KYTC Accounts October 2008
- National Truck Network (NN) modifications as needed
Task 100% completed:
None needed this year – several projected in the near future

DISTRIBUTION OF ESTIMATED COST FOR 2008-2009

PERSONNEL	\$662,600
OTHER	\$5,000
TOTAL	\$667,600

ACCOMPLISHMENTS FOR 2008-2009

CHAPTER 5

Cartography

RESPONSIBLE UNIT

Division of Planning
Transportation Systems Branch

PURPOSE AND SCOPE

The Cartography Team meets the needs of the Division, Cabinet, other state agencies, and entities outside state government for general and special purpose maps. The team creates, updates, and distributes a wide variety of standard cartographic products in electronic and/or paper format. When requested the team creates digital and/or printed presentations depicting various analyses of highway transportation data. They also work to develop procedural and technique standards for digital mapping.

PROPOSED ACTIVITIES FOR 2008-2009

- Provide electronic mapping for all city, county, district, state, and special-purpose cartographic products.
County maps were updated 167 times, separate maps for SPRS and Functional Class and updated on the internet. City maps were updated 98 times with separate maps for SPRS and Functional Class and updated on the internet. New city maps were created for Stanton and Grayson and updated on the internet. District maps in SPRS and Functional Class format were updated 33 times and updated on the internet.
- Maintain and publish electronic formats of cartographic products for display on the Internet.
Updated regularly – see above and below.
- Update the Official State Highway Map, have necessary printing accomplished and monitor inventory at all locations.
Updated the Official State Highway Map and had approximately one million copies printed. One of the updates was the creation of a cartoon-type symbol map of adventure tourism. Maps were distributed to 16 locations and coordinated with Division of Maintenance and Dept. of Tourism to replenish supplies as necessary. Electronic file was updated on the internet.
- Create reports and exhibits for various Division projects and studies to assist transportation decision-makers in their roles.
Map of Congressionally Designated Future I-69. 120 Unplanned Projects List maps by county. 120 Access Management maps by county. Provided map and county listing for annual KYTC statutory certification of counties for Kentucky Rural Economic Development Act.
- Provide mapping and graphic assistance to other Divisions and Departments on request.
2009 Air Transportation System sites (created twice, once with route shields and once without.) Provided GIS project on Indiana bat habitat for the Division of Environmental Analysis to determine the size of the justified penalty for disturbance of habitat by debris removal efforts.
- Develop and provide to outside entities digital maps on request.
Scenic Byways depicted on four sectional maps for a grant application. Interstates and Parkways with buffer for possible Wi-Fi for KYTC II.

Chapter 4 General Comments: Schedules were met for all tasks completed

ACCOMPLISHMENTS FOR 2008-2009

CHAPTER 5

Cartography

RESPONSIBLE UNIT

Division of Planning
Transportation Systems Branch

PRODUCTS

- State Primary Road System Maps
Task 100% completed:
Added disclaimers, schools, and hospitals to county and city maps, updated on internet
- Functional Classification Maps
Task 100% completed:
See above
- Other Highway Data Maps (i.e., NHS, NN, etc. maps)
Task 100% completed:
Created GIS point shapefiles of Kentucky Vehicle Enforcement and Kentucky State Police posts
Created GIS points rest area shapefile
Kentucky GIS railroads milepoints file
- Cabinet and Planning Project Exhibit Maps/Displays
Task 100% completed:
Middlesboro Small Urban Area Study Maps
Campton to Prestonsburg Mtn. Pkwy Corridor Map
Corbin Small Urban Area Study Map
Harlan Small Urban Area maps
Lebanon Small Urban Area maps
Leitchfield Small Urban Area Study map
Updated photos on Legislator Maps as required by elections
- Official Highway Map
Task 100% completed:
Plain Version large size official highway map for print and published to internet
Plain Version large size official highway map with Mileage chart
District Version of Official Highway Map
Plain, District Version of Official Highway Map
- GIS Analysis of Census, socioeconomic, environmental, land use, and other data
Task 100% completed as requested: (See notes above)
- General and special purpose maps as requested by other agencies
Task 100% completed as requested:
YMCA State Regions Map
Western KY trucks (District 1 plus Caldwell Co.)

Other Pertinent Information for Chapter 5: Because there were very few county road centerline files updated through the Data Management section and there were very few studies that Cartography was asked to do the exhibit maps for, there was less requirement for personnel to work on maps and leaving some personnel funds unspent. We had to turn down offers of student interns because of the lack of work for them to do. As the GPS maintenance efforts are started again, that should no longer be a problem.

ACCOMPLISHMENTS FOR 2008-2009

CHAPTER 5

Cartography

RESPONSIBLE UNIT

Division of Planning
Transportation Systems Branch

DISTRIBUTION OF ESTIMATED COST FOR 2008-2009

PERSONNEL	\$568,900
OTHER	\$55,000
TOTAL	\$623,900

ESTIMATED OUTSOURCING EXPENSES AND PURCHASES

- \$150,000 for Technical Assistance program with UK (Interns).
- \$50,000 for outsourced map production assistance.
- \$50,000 for Official Highway Map Publication.

ACCOMPLISHMENTS FOR 2008-2009

CHAPTER 6

Highway Information System

RESPONSIBLE UNIT

Division of Planning
Data Management Branch

PURPOSE AND SCOPE

The Data Management Branch responsibilities include assistance and support for maintenance of the Transportation Cabinet's Highway Information System (HIS) which includes storage of all roadway characteristic information, transportation systems information, and the Cabinet's roadway centerline Geographic Information System (GIS). They also coordinate and perform data collection update activities for the statewide Geographic Information System (GIS) transportation layer, HPMS data, operational performance data, and roadway characteristics in cooperation with the Area Development Districts (ADDs) and internal staff members. From this information the Branch uses the Highway Performance Monitoring System (HPMS) to establish a baseline and assist with analysis for measuring highway system performance and produce the highway data submittal required annually by the Federal Highway Administration (FHWA). They provide information to the Transportation Cabinet, other governmental agencies, consultants, and private organizations via requests or by posting data to the Division's web site.

PROPOSED ACTIVITIES FOR 2008-2009

- Work with the Commonwealth Office of Technology (COT) and Office of Information Technology (OIT) to upgrade the HIS database to the next release of "Highways by EXOR" and deploy to other data owners within the cabinet.
Performed 2 Highways by Exor upgrades to the latest version in both the test and production database systems.
- Work with COT and OIT to assist with database upgrades that include links, functionality, and data exchange with other division databases.
Links to Tradas and Photovan application were started but not fully developed. Approximately 50% complete
- Assist with implementation of new Traffic System database including links, functionality, and data exchange between HIS and the new database.
Traffic Manager, Exor's link of HIS to TRADAS, was has been installed and is being tested in the test environment.
- Continue to develop processes and procedures to review, edit, and update Cabinet's base map and HIS database.
Accomplished
- Assist with testing, training, report migration, and enhancements with the HIS.
Participated in data base testing as requested and as needed.
- Assist in the development and maintenance of a Cabinet GIS and maintain database network for Kentucky's public highway system.
Worked with OIT to develop update and interface with Transportation Enterprise Database. Partial development of new EXOR tool to export asset shapefiles directly from the database. Approximately 75% complete

ACCOMPLISHMENTS FOR 2008-2009

CHAPTER 6

Highway Information System (continued)

RESPONSIBLE UNIT

Division of Planning
Data Management Branch

- Update newly acquired road centerline data collected from ADD or central office staff using GPS collection methods or CAD design file extraction to the existing highway network. Update and verify roadway mileage, highway systems data, and use in maintaining and generating data driven maps.
GPS Team processed 119 new state road alignments in HIS
71 counties processed with local road updates
- Improve and update roadway characteristic, HPMS, Performance Measure, and analysis data through ADD data collection project.
All data associated with the HPMS submittal has been updated according to the cycle as require in the HPMS submittal manual. IRI and pavement related data was updated with information provided to us by the Division of Materials. Traffic information has been updated by our Traffic Branch and has been reviewed by a combined effort of Traffic and Data Management. Field inventories performed on new samples as needed. Intersection information is constantly being updated and as field changes require this. Field inventories and information as relating to our HPMS evaluation sections have been updated and the evaluation sections have been reviewed for 33 of our 120 counties. 84 counties were completed the previous fiscal year
- Perform office reviews to verify data meets the required standards and confidence levels established by this Division and FHWA.
33 of the 120 completed were done this year. 84 counties were completed the previous fiscal year
- Provide up-to-date route network, DMI, roadway characteristics and system information through various programs.
Weekly extracts accomplished and sent to OTT to publish for public consumption
- Process and submit annual HPMS submittal.
HPMS submittal completed the end of June. Included all updated pavement, traffic and roadway information, sample adequacy review, summary reports updated, samples added and field inventoried as needed.
- Utilize HPMS to update Rating Indices, Capacity, and Volume/Service Flow ratio in the HIS database.
Capacities and volume/service flow information has been processed and calculated. Critical Rates and Ratings have been processed and calculated. This information is in the process of being updated to our HIS database.

ACCOMPLISHMENTS FOR 2008-2009

CHAPTER 6

Highway Information System (continued)

RESPONSIBLE UNIT

Division of Planning
Data Management Branch

PROPOSED ACTIVITIES FOR 2008-2009 (continued)

- Use HIS to measure highway system performance and assist with analyses of the Unscheduled Projects List.
DVMT information reviewed as related to the HPMS submittal. VSF and capacity information calculated on all of our 11,754 Evaluation Sections and reviewed by Division of Planning staff. Individual items updated as needed including % green times, turning lanes and ADT's.
- Maintain currency of HPMS software and perform changes required by federal legislation, regulations, policies, and/or guidelines, as needed to the HPMS.
Participated in the HPMS webinars concerning the 2010 reassessment. HPMS submitted using current requirements and software.
- Investigate results of HPMS each year and analyze changes in processes to improve output of report.
Reviewed DVMT's for all 120 counties, Section breaks for 117 counties, Sample adequacy statewide, VSF and related inventories and updated information as needed. Urban and rural Functional class information reviewed and updated statewide.
- Assist in processing and reporting of the FHWA 534 and 536 reports.
Both Reports were completed this fiscal year. (534 annually) (536 biannually)

PRODUCTS

- Routines to extract better road information from the GPS files (i.e. vertical grade, horizontal curve)
New Grade tools developed and grade information now being extracted. 3 counties completed
- Queries and routines for quality control of the database concerning asset items and road information
Approximately 25 reports updated and adjusted to match ever changing needs.
- Database and GIS application troubleshooting when errors take place
Approximately 104 troubleshooting of error fixes took place
- Database and GIS upgrades
2 full upgrades completed
- Other agency information loaded to HIS database
IRI, Pavement Management, Crash build up, Scenic Byway all updated this past year
- New roadway centerlines obtained through GPS technology and CAD design files and updates to both the GIS layers and HIS database
119 new State road alignments and 71 counties updated with local roads
- New roadway inventory either through field collection or extracted from CAD design files to update the GIS layers and HIS database
75 counties spot checked for data collection submittals

ACCOMPLISHMENTS FOR 2008-2009

CHAPTER 6

Highway Information System (continued)

RESPONSIBLE UNIT

Division of Planning
Data Management Branch

PRODUCTS (continued)

- HPMS 534 and 536 Reports
Both completed
- HPMS submittal
Submitted June 09
- Reports created concerning information about transportation network stored in HIS database
Accomplished

DISTRIBUTION OF ESTIMATED COST FOR 2008-2009

PERSONNEL	\$1,127,000
OTHER	\$225,000
TOTAL	\$1,352,000

ESTIMATED OUTSOURCING EXPENSES AND PURCHASES

- \$75,000 to outsource for GPS maintenance,
- \$125,000 for EXOR eCredits
- \$28,000 to outsource 536 report
- \$340,000 to outsource for Data Collection.

ACCOMPLISHMENTS FOR 2008-2009

CHAPTER 7

Strategic Corridor Planning

RESPONSIBLE UNIT

Division of Planning
Strategic Planning Branch
Strategic Corridor Planning Team

PURPOSE AND SCOPE

The Strategic Corridor Planning Team evaluates system and corridor needs for the state maintained roadways. It enhances and continues to update an evaluation/scoring process for prioritizing projects for inclusion in the Six-Year Highway Plan and the Unscheduled Projects List. It also prepares technical project studies performing the necessary levels of planning to develop a conceptual purpose and need statement, identifies major environmental issues including environmental justice, initiates consultation with local officials, initiates agency coordination and conducts appropriate levels of public involvement. It identifies and evaluates alternatives, generates project cost estimates and recommends phasing priorities where appropriate. The team oversees outsourced activities and works with the Highway District Offices (HDOs), Metropolitan Planning Organizations (MPOs), and Area Development Districts (ADDs) as needed to complete necessary tasks.

PROPOSED ACTIVITIES FOR 2008-2009

- Continue to develop and update policy and procedures for evaluating corridor level needs.
Task Completed to 100% and on-going. We continue to evaluate the policy and procedures for each study, placing emphasis on our practical solutions approach.
- Conduct corridor, system, and small urban area studies.
Attached is a list of our current studies with budget and other information as appropriate.
- Respond to inquiries about corridor planning issues.
*Task Completed to 100%.
All inquiries to planning studies are responded to in a timely manner. Recently completed studies are available online for the public to view.*
- Identify, evaluate and prioritize corridor, system, and small urban area needs through data analysis and public involvement.
*Task Completed to 100%.
Corridor and Small Urban Area Studies involve the identification, evaluation, and prioritization of recommended roadway improvements through data analysis and involvement from the public, and/or local officials/stakeholders advisory committees.*
- Oversee outsourced activities.
Several of our studies are done by consultants with someone from the district or from Division of Planning acting as the Project Manager who oversees the study. We currently have 10 planning studies that are outsourced to a consultant. See the attached list for more details.
- Evaluate identified needs statewide to assist in prioritizing projects for programming in the Highway Plan.
Task Completed to 100% and ongoing. PIFs are made for long-term needs identified through our corridor and Small Urban Area studies. Our studies also provide cost estimates to be used in programming future projects.

ACCOMPLISHMENTS FOR 2008-2009

CHAPTER 7

Strategic Corridor Planning (continued)

RESPONSIBLE UNIT

Division of Planning
Strategic Planning Branch
Strategic Corridor Planning Team

In addition to the active projects in the attached spreadsheet, eleven studies were completed during the period of June 16, 2008 to June 16, 2009. Three were done in-house and eight were completed by consultants. The studies completed are as follows:

- US 62 Programming Study, Grayson County – Item 04-8303.00 – August 2008
- KY 1460 / KY 1426 Intersection Alternatives Study, Pike County – Item NA – September 2008 (SPR)
- KY 163 Alternatives Study, Monroe County – Item 03-8310.00 – September 2008
- KY 100 Alternatives Study, Allen & Simpson Counties – Item 03-8303.00 – September 2008
- US 431 Programming Study, Muhlenberg, Logan and McLean Counties – Item 02-8106.00 – October 2008
- Fifth Street Alternative Study, Laurel County – Item 11-8304.00 – November 2008
- I-71 Overpass Feasibility Study, Oldham County – Item 05-8201.01 – November 2008
- Campbellsville Small Urban Area Study, Taylor County – Item N/A – December 2008 (SPR)
- KY 1501 Alternatives Study, Kenton County – Item 06-8307.00 – December 2008
- KY 76 Programming Study, Adair County – Item 08-8302.00 – February 2009
- US 421 Alternatives Study, Trimble County – Item 05-147.00 – May 2009

Two other studies were completed shortly after June 16, 2009:

- US 25 Alternatives Study, Grant County – 06-112.00 – July 2009
- US 27 / I-75 Connector Alternatives Study, Jessamine, Madison, and Fayette Counties – Item 07-249.00 – July 2009

The KY 76, KY 100, and US 62 studies were managed and all work was done by Central Office staff. The other completed studies were done by consultants and managed by District or Central Office Staff.

Many of the current studies are large-scale efforts that have included or will include agency coordination and significant public involvement activities. All of the studies have required or will require coordination with the Highway District Offices and Area Development District Offices to assemble the project team, provide input on study issues, assist with scheduling meetings, and review reports. The Area Development District Offices will also develop Environmental Justice reports for many of the studies.

Those projects listed above followed by (SPR) were funded with SPR Work Program funds. In addition, some SPR funding was used for management, oversight, and review of strategic corridor planning activities.

Summarizing, 33 projects have been worked on during the past year, with 13 being completed, ten others nearing completion, eight at some intermediate stage, and two others getting started.

ACCOMPLISHMENTS FOR 2008-2009

CHAPTER 7

Strategic Corridor Planning (continued)

RESPONSIBLE UNIT

Division of Planning
Strategic Planning Branch
Strategic Corridor Planning Team

PRODUCTS

- Programming Studies
- Pre-Design Scoping Studies
- Alternatives Studies
- Small Urban Area Studies
- Interchange Justification Studies
- Feasibility Studies
- Special Studies
- Priorities for Highway Plan Programming

DISTRIBUTION OF ESTIMATED COST FOR 2008-2009

PERSONNEL	\$727,800
OTHER	\$5,000
TOTAL	\$732,800

ESTIMATED OUTSOURCING EXPENSES AND PURCHASES

- \$200,000 to outsource for Planning Studies. FHWA will be notified when planning studies utilizing SPR funds are initiated.
- There are no additional non-SPR State funds (funded through the Highway Plan) for planning studies in FY 2008-2009.

ACCOMPLISHMENTS FOR 2008-2009

CHAPTER 8

Statewide Transportation Planning

RESPONSIBLE UNIT

Division of Planning
Strategic Planning Branch

PURPOSE AND SCOPE

The Statewide Planning Team conducts a comprehensive statewide transportation planning process with the Area Development Districts (ADDs), Metropolitan Planning Organizations (MPOs), and the Highway District Offices (HDOs). This process includes consideration of all modes and development of a policy driven and data-based approach to identification, analysis and prioritization of needs. The team also updates a Statewide Transportation Plan (STP) as needed and ensures that the STP and STP Program are SAFETEA-LU compliant. Through these processes and partnerships, this team provides meaningful input to the Highway Plan.

PROPOSED ACTIVITIES FOR 2008-2009

- Update the STP document as needed.
Task Completed to 100%. Reviewed the STP document. The last update and amendment to the document was made in 2006 following passage of SAFETEA-LU. No update was necessary this past fiscal year.
- Develop and implement processes as needed to ensure SAFETEA-LU compliance.
Task Completed to 100%.
Worked with Office of Business and Occupational Development on Title VI surveys given to ADDs and MPOs.
Collected Title VI responses from the ADDs.
Prepared for 2009 RTCP Workshop to train ADD Planners held July 2009.
- Coordinate with other transportation modes, land use, environmental, and other resource agencies.
Task Completed to 100%.
Coordinated with Army Corps of Engineers through correspondence for their permitting of projects in various areas across the state. Coordinated with transportation stakeholders through periodic ADD transportation committees across the state.
- Enhance the statewide transportation planning process including data collection, analysis, public involvement, and coordination.
Task Completed to 100%.
Created a Liaison link with ADDs, HDOs and CO planning staff
Used Economic Development data to complete deliverables needed for the AWP
Collected truck parking data for identifying Trucking needs
Collected Park-n-Ride data for identifying carpooling areas
Created a photo map (Directory) to identify personnel, contact information and their affiliation.

ACCOMPLISHMENTS FOR 2008-2009

CHAPTER 8

Statewide Transportation Planning (continued)

RESPONSIBLE UNIT

Division of Planning
Strategic Planning Branch

PROPOSED ACTIVITIES FOR 2008-2009 (continued)

- Identify, evaluate, and prioritize transportation projects through data analyses and public involvement.
Task Completed to 100%.
Reviewed the past Prioritization Process, revised and implemented a new process through a special committee (HDO, MPO, ADD & CO representatives) in September 2008
Introduced Process to the ADDs in the October 2008 STP Meeting
Attended several District and ADD Prioritization Meetings
Successfully completed the Prioritization Process
Prepare Prioritized Projects Lists to be shared with executive KYTC management
Developed/distributed Adequacy Ratings and UPL data and Shapefiles to ADDs and HDOs.
- Coordinate/implement the conversion of the Project Identification Form/Unscheduled Projects List database to one consolidated database.
Task Completed to 90%. We are in the testing/validation stage with data entry to be the final step.
- Coordinate with other Divisions and agencies and incorporate applicable plans as necessary to ensure SAFETEA-LU compliance.
Task Completed to 100%.
Coordinated with ADDs and HDOs for public involvement in the Prioritization Process
Work with ADDs in completing Environmental Justice Reports and Footprints for studies across the state.
- Coordinate and oversee the ADD Regional Transportation Program.
Task Completed to 100%
Coordinated with all 15 ADDs in reviewing/updating regional goals and objectives, public involvement, multimodal facilities inventories, major traffic generators, comprehensive review and evaluation of major transportation routes, inventory of local planning units, socioeconomic and demographic profiles. Conducted/participated in four statewide meetings with the ADDS, MPOs, HDOs and Central Office to discuss these and other topics pertinent to Transportation Planning throughout the state.

PRODUCTS

- Statewide Transportation Plan updates as needed
Task Completed to 100%.
Reviewed the STP document. The last update and amendment to the document was made in 2006 following passage of SAFETEA-LU. No update was necessary this past fiscal year.

ACCOMPLISHMENTS FOR 2008-2009

CHAPTER 8

Statewide Transportation Planning (continued)

RESPONSIBLE UNIT

Division of Planning
Strategic Planning Branch

PRODUCTS (continued)

- **Unscheduled Projects List database**
Task Completed to 90%.
New projects added to the list and priorities collected from ADDs, MPOs, and HDOs with data entry into the spreadsheet to be completed in FY2010.
- **Project Identification Forms**
Task Completed to 100%.
Projects added to the Unscheduled Projects List through ADD and MPO Transportation Committee involvement collected through the submittal of Project Identification Forms. 2418 projects are currently listed in the UPL documented through use of PIFs.
- **Annual Work Programs and Contracts for 15 Area Development Districts**
Task Completed to 100%.
Reorganized the Annual Work Plan format for ease of reading
Clarified deliverables and their due dates
Combined prior FY odd and even year AWP's to just one to be able to use annually
Completed contract process starting in March and ending in June
Used monthly meetings to work on each Work Element's edits
- **Five Statewide Transportation Planning Meetings**
Task Completed to 80%.
Revised the number of meetings necessary from five to four. Completed those four meetings – Aug. 6, 2008, Oct.16, 2008, Jan. 21, 2009 & April 16, 2009
- **Statewide Transportation Planning Handbook**
Task Completed to 100%.
The ADD Transportation Planners Handbook completed in the prior fiscal year was reviewed for completeness and posted to the the Division of Planning website.

DISTRIBUTION OF ESTIMATED COST FOR 2008-2009

PERSONNEL	\$818,700
OTHER	\$25,000
TOTAL	\$843,700

ESTIMATED OUTSOURCING EXPENSES AND PURCHASES

- \$75,000 to outsource for research or assistance related to Statewide Planning

ACCOMPLISHMENTS FOR 2008-2009

CHAPTER 9

Metropolitan Planning Organizations
(Areas over 50,000 Population)

RESPONSIBLE UNIT

Division of Planning
Strategic Planning Branch
MPO Team

PURPOSE AND SCOPE

The MPO Team provides technical assistance to and coordination with the Metropolitan Planning Organizations (MPOs) for developing and maintaining a continuing, cooperative, and comprehensive (3C) transportation planning process. This process ensures that KYTC and local transportation projects remain eligible to receive federal funding. The scope of work is in accordance with the Unified Planning Work Program (UPWP), which describes all anticipated urban transportation and transportation-related planning activities to be performed.

Chapter 9 General Comments: The MPO Team continued to provide technical assistance to the MPOs to ensure that federal requirements are being addressed through the 3C process. Tasks were completed on schedule.

PROPOSED ACTIVITIES FOR 2008-2009

- Provide technical assistance and review of MPO activities, programs, documents, models and/or tools.
Task completed 100% on schedule. MPO Team provided significant input to MPOs on Recovery Act issues, guidelines for local public agencies, and other issues as they arose throughout the year. MPO Team provided input to travel demand model updates. Also, MPO Team submitted an abstract on the KYTC MPO Guidance document to the "Tools of the Trade Small and Medium-Sized Communities" conference that was accepted and presented.
- Attend technical, policy, and other committee meetings to represent the Cabinet.
Task completed 100% on schedule. MPO Team attended 56 Technical, 47 Policy, and 59 other MPO meetings representing the Cabinet.
- Conduct contract management and oversight for federal funds.
Task completed 100% on schedule. MPO Team updated monitoring files and instituted a tracking mechanism to ensure oversight requirements are met for federal expenditures. Successfully passed audit with no significant findings or corrective actions.
- Ensure consistency between local and state plans and programs.
Task completed 100% on schedule. MPO Team provided consistent guidance on development of MPO products.
- Coordinate with other transportation modes to obtain input on multimodal issues for the Long Range Transportation Plans (LRTPs).
Task completed 100% on schedule. MPO Team coordinated with the Office of Transportation Delivery for transit needs, and worked with the Modal Branch to determine other issues that need to be addressed in Metropolitan Transportation Plans.

ACCOMPLISHMENTS FOR 2008-2009

CHAPTER 9

Metropolitan Planning Organizations (continued)
(Areas over 50,000 Population)

RESPONSIBLE UNIT

Division of Planning
Strategic Planning Branch
MPO Team

- Work with the MPOs and Highway District Offices (HDOs) on Project Identification Forms (PIFs), data collection, and training.
Task completed 100% on schedule. MPO Team worked with the MPOs to meet scheduled deadlines on PIF status and rankings.
- Conduct regular statewide meetings.
Task completed 100% on schedule. MPO Team met with the MPOs regularly in FY 2009, conducting four statewide joint MPO/Area Development District (ADD)/Highway District Office (HDO) planning meetings including four separate MPO planning meetings in FY 2008.
- Coordinate with the Transportation Management Areas (TMAs) on the programming and tracking of dedicated Federal Statewide Transportation Program (STP) funded projects.
Task completed 100% on schedule. MPO Team coordinated with TMAs to verify that the dedicated STP program was administered appropriately.
- Coordinate with MPOs on air quality issues, analysis, and conformity.
Task completed 100% on schedule. MPO Team coordinated closely with the MPOs on required elements of conformity findings and air quality impacts, attending the monthly air quality conference calls.

PRODUCTS

- Assistance to agencies in preparing compliant MPO Transportation Improvement Programs (TIPs), LRTPs, and Participation Plans (PPs)
Task completed 100% on schedule. MPO Team assisted in the review and approvals of 2 new MTPs, 3 new TIPs, 30 TIP Amendments, 55 TIP Administrative Modifications, 6 reviews of PPs, 9 Annual Obligations Reports, and 9 Performance and Expenditure Reports.
- MPO Self Certifications (participant)
Task completed 100% on schedule. MPO Team provided review and suggested approvals of 3 Self Certifications with new TIPs.
- Assistance to agencies in preparing compliant MPO UPWPs
Task completed 100% on schedule. MPO Team provided assistance to MPOs in producing nine federally eligible UPWPs.
- MPO UPWP Contracts and administration
Task completed 100% for all nine MPOs on schedule. MPO Team provided oversight for 27 UPWP contracts (close out for FY 2008, FY 2009, preparation for FY 2010).

ACCOMPLISHMENTS FOR 2008-2009

CHAPTER 9

Metropolitan Planning Organizations (continued)
(Areas over 50,000 Population)

RESPONSIBLE UNIT

Division of Planning
Strategic Planning Branch
MPO Team

PRODUCTS (continued)

- MPO dedicated STP fund contracts and administration
Task completed 100% for the four TMAs on schedule. Only OKI, KIPDA, and LFUCG required dedicated STP contracts administered through the MPO Team. MPO Team provided oversight for 17 dedicated STP contracts and six other MPO-related contracts. Provided additional guidance for Recovery Act dedicated STP issues.
- Five Statewide Transportation Planning Meetings
Task completed 100% on schedule. MPO Team reviewed timely topics and received updates on MPO activities.

No revisions to the FY 2009 Work Plan were requested for Chapter 9.

DISTRIBUTION OF ESTIMATED COST FOR 2008-2009

PERSONNEL	\$576,800
OTHER	\$5,000
TOTAL	\$581,800

ACCOMPLISHMENTS FOR 2008-2009

CHAPTER 10

Air Quality Conformity Analysis

RESPONSIBLE UNIT

Division of Planning
Modal Programs Branch
Air Quality Team

PURPOSE AND SCOPE

The Air Quality Team will coordinate and perform analysis necessary to determine regional air quality conformity. They will also assist in the development of regulations, guidance and best practices in order to ensure compliance and deliver transportation projects within designated non-attainment and maintenance areas.

PROPOSED ACTIVITIES FOR 2008-2009

- Host and/or participate in interagency consultation calls regarding transportation conformity for updates and amendments to MPO plans, TIPs, and STIP.
Participated in calls for the Ashland/KYOVA new long range plan and new TIP.
Participated in calls with KIPDA for various amendments; also reviewed travel model and emissions model parameters and assumptions (100% complete).
- Run the current emissions model for ozone and PM 2.5 regional air quality conformity analyses for Ashland and Christian County areas.
Coordinated selection of MOBILE parameters and ran emissions model for ozone and PM for Ashland long range plan and TIP. Wrote Ashland conformity section for Plan; wrote joint conformity report for Ashland and KYOVA (100% complete)
Prepared draft of the conformity document of Christian County for Clarksville new long range plan and TIP; emissions run pending consultant's completion of travel demand model. (30% complete)
- Maintain a working knowledge of the guidelines for the 8-hour ozone and PM 2.5 standards, EPA's current emissions model, air quality regulations, and implementation guidance. Attend necessary meetings and conferences to stay abreast of air quality issues.
Reviewed documents as necessary; attended various FHWA and/or EPA sponsored webinars. (100% complete)
- Facilitate monthly conference calls with federal, state, and local partners to discuss timely air quality regulations and conformity issues.
Worked with FHWA-KY Division to facilitate calls as needed. (100% complete)
- Educate KYTC staff, KYTC management, public officials, and the general public about air quality, conformity analysis, and federal guidelines. Disseminate information about the new 2008, 8-hour ozone standards and designation process.
Provided email communication to KYTC staff/management as needed regarding air quality issues. Provided continued status of new PM 2.5 and 8-ozone designation process. Helped coordinate statewide air quality campaign (100% complete)

ACCOMPLISHMENTS FOR 2008-2009

CHAPTER 10

Air Quality Conformity Analysis (continued)

RESPONSIBLE UNIT

Division of Planning
Modal Programs Branch
Air Quality Team

PROPOSED ACTIVITIES FOR 2008-2009 (continued)

- Provide VMT and speeds to DAQ for their development of the State Implementation Plans (SIPs) for non-attainment and maintenance areas.
These were provided recently and none were requested during this FY (100% complete)
- Review, comment, and participate during the preparation of mobile budgets for the development of the attainment demonstration and maintenance of SIPs for the 8-hour ozone and PM 2.5 standards designations, SIP amendments, and budget adjustments.
Provided to DAQ commuting pattern data for 40+ counties for the pending 8-hour ozone designations. Provided other data as requested by DAQ (100% complete)
- Provide support to the Office of Special Programs for CMAQ related issues, as needed.
Assisted CMAQ coordinator(s) with various questions – especially after change in coordinators (100% complete)
- Assist District Offices with the preparation of CMAQ applications including emission calculations and documentation.
Provided calculations for lighted signs CMAQ application for Lexington as requested by Secretary's office. Provided emissions and calculations for Christian County CMAQ applications. Provided emissions and calculations for Boyd County CMAQ applications. (100% complete)
- Manage KTC's work on the development, implementation, and maintenance of a research project for the Speed and VMT Database Estimation computer program that will serve as new data input for calculated speed values to be used in the air quality models and to be put in the Highway Information System.
KTC updated speeds with 2007 data (100% complete)
- Maintain a working knowledge of emerging issues and best practices, such as diesel emissions reduction strategies and greenhouse gases.
Active member of Southeast Diesel Collaborative; by acquiring knowledge through self instruction as well as by attending various EPA and/or FHWA sponsored webinars; wrote CMAQ application for diesel retrofits; participated in two TRB workshops to assess the impact of greenhouse gas policies on transportation planning (100% complete)
- Work with the freight team to address pertinent air quality issues including diesel retrofits on locomotives and emission reduction best practices at rail yards and ports.
Maintained email and verbal communication with freight team on related issues; attended Talking Freight webinars as appropriate; invited freight team to air quality and diesel related webinars and conference calls as appropriate (100% complete)

ACCOMPLISHMENTS FOR 2008-2009

CHAPTER 10

Air Quality Conformity Analysis (continued)

RESPONSIBLE UNIT

Division of Planning
Modal Programs Branch
Air Quality Team

PRODUCTS

- Ozone and PM 2.5 Regional Conformity Analysis for required all non-attainment and maintenance areas.
Ashland Conformity analysis complete on schedule.
Clarksville conformity analysis is pending , consultant completing travel demand model (70% complete)
- Conforming statewide and MPO planning documents.
All conforming except Clarksville – Clarksville is pending consultant completing work (70% complete)
- Speed and VMT Database Estimation computer program.
Updated with 2007 data (100% complete)

DISTRIBUTION OF ESTIMATED COST FOR 2008-2009

PERSONNEL	\$134,100
OTHER	\$20,000
TOTAL	\$154,100

ESTIMATED OUTSOURCING EXPENSES AND PURCHASES

- \$40,000 Speed and VMT Database research program
KTC Archived Data Management System update with 2006-2007 data for TRIMARC (100% complete)
KTC Travel Time and Reliability Calculations for TRIMARC network – Phase 1 (100% complete)

ACCOMPLISHMENTS FOR 2008-2009

CHAPTER 11 Multimodal Transportation

RESPONSIBLE UNIT Division of Planning
Modal Programs Branch

PURPOSE AND SCOPE

The Modal Team will collect data, plan, promote, and assist in the development of a multimodal and intermodal transportation system in Kentucky. The programs addressed in this chapter are Public Riverports, Railroads, Freight, and Ferryboats.

PROPOSED ACTIVITIES FOR 2008-2009

Public Riverports

- Develop an implementation plan based on the Kentucky Riverport Improvement Project.
KYTC staff provided conference call and email support for the Kentucky Association of Riverports as the legislation proposed by the Kentucky Riverport Improvement Project was in the legislature. KYTC staff also reviewed drafts of the KAR website that was created as suggested in the Kentucky Riverport Improvement Project.
- Develop eligibility guidelines for public riverport applications. Review and approve any public riverport applications received.
No public riverport applications were received.
- Plan and host Riverport Annual Meeting in conjunction with Ferryboat Annual Meeting.
Annual Meeting was held on Monday, November 10th 2008 with 30 attendees including representatives from the Corp of Engineers, Coast Guard, Economic Development, and Tourism.
- Interface with the public Riverports in the state by responding to information requests, and serving as a member of the Kentucky Association of Riverports.
KYTC is a member of the Kentucky Association of Riverports. Staff coordinated conference calls held during the year. KYTC staff created map of contact information for the Kentucky Riverport Directors.
- Contingent upon legislative funding, administer Riverport Financial Assistance Program.
The Riverport Financial Assistance Program was not passed by the legislature and thus was not funded.
- Actively participate as a member on the AASHTO Standing Committee on Water Transportation (SCOWT).
Two KYTC representatives attended the SCOWT Annual Meeting in Huntington, WV on April 7-9, 2009.
- Conduct annual on-site visits of active public riverports in the state.
Site visits were conducted at the Eddyville Riverport and Industrial Development Authority, Greenup-Boyd County Riverport Authority, Jefferson Riverport International, and Owensboro Riverport Authority.

ACCOMPLISHMENTS FOR 2008-2009

CHAPTER 11

Multimodal Transportation (continued)

RESPONSIBLE UNIT

Division of Planning
Modal Programs Branch

Railroads

- Maintain the statewide railroad GIS mapping and data set.
Worked with all active railroads within the commonwealth to obtain GIS layers of all railroad track owned within Kentucky. Also obtained rail mile point GIS data for all railroads. KYTC staff collected GPS data on the three recreational railroads within the commonwealth that did not use GIS.
- Update the 2002 Kentucky Statewide Rail Plan.
The contacts portion of the 2002 Statewide Rail Plan was updated as part of the annual rail report and used for the 2009 KYTC/FHWA Regional Freight Conference.
- Participate in various rail studies with KYTC involvement.
Due to budgetary constraints, no rail studies were conducted.
- Collect railroad annual reports and rail accident/incident reports as directed in 603 KAR 7:090.
KYTC staff sent letters to all operating railroads within Kentucky requesting annual reports. Rail accident/incident reports are submitted to KYTC by the railroads on a monthly basis. Incident reports were forwarded to the Division of Right of Way and Utilities.
- Contingent upon legislative funding, administer Rail Infrastructure Project Fund.
The Rail Infrastructure Project Fund was not passed by legislature and thus was not funded.
- Actively participate as a member on the AASHTO Standing Committee on Rail Transportation (SCORT), American Railway Engineering and Maintenance-of-Way Association (AREMA), American Short Line & Regional Railroad Association (ASLRRA), and Kentucky Operation Lifesaver.
KYTC staff attended the annual SCORT meeting in Milwaukee and participated in SCORT conference calls. Due to budgetary constraints, KYTC staff was unable to attend the annual AREMA and ASLRRA meetings; however KYTC staff was able to meet with the President of the Kentucky Chapter of ASLRRA. KYTC staff has been actively involved with Kentucky Operation Lifesaver meetings and serves on its Board of Directors.
- Monitor, track, and distribute information about railroad line abandonments in Kentucky.
KYTC actively forwards all information received about rail abandonments to the Cabinet for Health and Family Services Health Promotion Branch, Division of Planning Transportation Systems Branch, Kentucky Rails to Trails Council, Department for Local Government, Division of Right of Way & Utilities Rails Section, and the Department of Parks Recreation Division, local government officials, and any other interested parties. KYTC staff has also been updating the abandoned rail database and comparing it against the existing GIS data. This project is approximately 15% complete.

ACCOMPLISHMENTS FOR 2008-2009

CHAPTER 11 Multimodal Transportation (continued)

RESPONSIBLE UNIT Division of Planning
Modal Programs Branch

PROPOSED ACTIVITIES FOR 2008-2009 (continued)

Freight

- Provide technical assistance and disseminate information to MPOs, ADDs, and project teams regarding freight movement, planning, and safety.
KYTC regularly reviews industry publications and news articles and forwards relevant information to the MPOs and ADDs. KYTC staff also serves on the Freight Advisory Panels of the Louisville, Lexington, and Northern KY MPOs. MPO and ADD staff was also invited to attend the KYTC/FHWA Regional Freight Conference. Freight issues are also presented by KYTC staff at MPO and ADD meetings.
- Coordinate the Kentucky Transportation Center study on truck flows and growth rates.
It was determined that this study would be a duplication of the Truck Volume Study portion of the Annual ESAL Update and was cancelled.
- Coordinate a truck parking availability study along Kentucky Interstates and Parkways.
The survey portion of the Truck Parking Availability is completed. KYTC is presently working on ways to disseminate the collected data to truckers through GPS, IMS maps, and traveler kiosks at rest havens.
- Participate in regional freight planning efforts.
KYTC staff serves on the Freight Advisory Panels of the Louisville, Lexington, and Northern KY MPOs and as part of the Delta Regional Authority (DRA), Institute for Trade and Transportation Studies (ITTS), and the Mississippi Valley Freight Coalition (MVFC).
- Coordinate 3rd Kentucky Regional Freight Conference in 2009.
2009 Regional Freight Conference was held May 5-6, 2009, in Jeffersontown, KY with 75 attendees.
- Continue involvement with Delta Regional Authority (DRA), Mississippi Valley Freight Coalition (MFVC), Institute for Trade and Transportation Studies (ITTS), and National Cooperative Freight Research Program (NCFRP).
KYTC staff participates in conference calls for these coalitions and staff attended the MVFC Annual Meeting in Kansas City, MO; ITTS Annual Meeting in Huntington, WV; and NCFRP Meetings in Irvine, CA.
- Visit intermodal sites and communicate with rail, water, and road modes to identify freight-related needs and concerns.
KYTC staff conducted six site visit trips throughout the state that included four state funded ferry operations, five public riverports, three recreational railroads, an Idle Aire facility, two rail intermodal facilities, one weigh station, a lock & dam, power plant, and participated in two passenger rail demonstration rides.

ACCOMPLISHMENTS FOR 2008-2009

CHAPTER 11

Multimodal Transportation (continued)

RESPONSIBLE UNIT

Division of Planning
Modal Programs Branch

Freight (continued)

- Continue developing relationships with Economic Development and Commerce to identify and promote intermodal freight needs.
KYTC staff assisted the Kentucky Association of Riverports as they presented to the Cabinet for Economic Development on the importance of the waterways, and Economic Development staff presented at the Kentucky Riverports and Ferries Annual Meeting sponsored by KYTC.

Ferryboats

- Manage the Kentucky Ferryboat program.
KYTC staff provides oversight on the operation of six state funded ferries and is responsible for all of the contracting and invoicing of these ferries.
- Share information concerning Ferryboat Discretionary Fund (FBD) Grant program. Review and prioritize applications received. Administer FBD funds.
No FBD funds were awarded to Kentucky Ferry operations in FY 2009. KYTC staff reviewed and prioritized three ARRA FBD applications and five FBD applications.
- Plan and host the Ferryboat Annual Meeting in conjunction with Riverport Annual Meeting.
Annual Meeting was held on Monday, November 10th 2008 with 30 attendees.
- Conduct annual on-site visits of Kentucky Ferryboat Operations.
KYTC staff conducted on-site visits of the Augusta Ferry, Cave in Rock Ferry, Dorena-Hickman Ferry, and Turkey Neck Bend Ferry.

PRODUCTS

- Riverport Implementation Plan
The legislation recommended by the Kentucky Riverport Improvement Project was filed.
- Revised riverport application guidelines.
No public riverport applications were received.
- Updated Statewide Rail Plan report
The contacts portion of the 2002 Statewide Rail Plan was updated as part of the annual rail report and was used at the 2009 KYTC/FHWA Regional Freight Conference.
- Updated railroad GIS database and maps
Obtained GIS layers of all railroad track owned within Kentucky. Also obtained rail mile point GIS data for all railroads. KYTC staff collected GPS data on the three recreational railroads within the Commonwealth.
- Truck Flows and Growth Rates Study report
It was determined that this study would be a duplication of the Truck Volume Study portion of the Annual ESAL Update and was cancelled.

ACCOMPLISHMENTS FOR 2008-2009

CHAPTER 11

Multimodal Transportation (continued)

RESPONSIBLE UNIT

Division of Planning
Modal Programs Branch

PRODUCTS (continued)

- Truck Parking along Kentucky Interstates and Parkways Study report
The survey portion of the Truck Parking Availability is completed. KYTC is presently working on ways to disseminate the collected data to truckers through GPS, IMS maps and traveler kiosks.
- Regional Freight Conference
2009 Regional Freight Conference was held May 5-6, 2009, in Jeffersontown, KY with 75 attendees.
- Working ferryboat operations
KYTC currently has six state funded ferries in operation.

DISTRIBUTION OF ESTIMATED COST FOR 2008-2009

PERSONNEL	\$201,000
OTHER	\$65,000
TOTAL	\$266,000

ESTIMATED OUTSOURCING EXPENSES AND PURCHASES

- \$50,000 Update Kentucky Statewide Rail Plan
Kentucky Statewide Rail Plan Contact list update completed in-house.
- \$10,000 Operation Lifesaver
Provided in-kind donation to Kentucky Operation Lifesaver in the form of printing of safety flyers and booklets.
- \$5,000 Kentucky Association of Riverports Dues
Dues are pending.
- \$50,000 KTC Truck Flows and Growth Rates Study
Study canceled.

ACCOMPLISHMENTS FOR 2008-2009

CHAPTER 12

Congestion, Mobility, and Access Management

RESPONSIBLE UNIT

Division of Planning
Modal Programs Branch
Strategic Planning Branch

PURPOSE AND SCOPE

During the normal transportation planning processes, traffic congestion is routinely considered to select and prioritize long range planning projects. In addition, congestion mitigation and smooth traffic flow is of paramount importance as part of project development, beginning at the systems and corridor planning stage. Therefore, the Modal Team will work to improve the planning methods, strategies, and policies used by KYTC and local planning organizations that lead to a more efficiently planned, multimodal transportation system for Kentucky.

PROPOSED ACTIVITIES FOR 2008-2009

Congestion and Mobility Management

- Update and maintain the new web-based Kentucky Congestion Mitigation Toolbox.
Added dozens of new documents and links to the toolbox (100%)
- Investigate the state-of-the-practice travel-time performance measures (for use in the statewide and urban travel demand models) and opportunities to improve the measures used to identify needs and prioritize projects.
Examined privatized speed data, GPS-based travel time runs, ITS ADMS, HPMS (volumes, VSF), and other sources. Developed recommendations for acquiring data. Reviewed the adequacy rating system. Have not yet made changes to project identification/prioritization process. (60%)
- Fund participation in the Texas Transportation Institute's (TTI) annual Urban Mobility Study (Louisville and Cincinnati regions).
Funded, attended, and travel to TTI annual meeting. (100%)
- Work with TTI staff to develop recommended travel time performance measures for Kentucky. The purpose will be to identify congestion problem areas and monitor performance over time.
Developed performance measures (95%)
- Develop a park and ride GIS database of existing assets.
Nearly complete with development of park and ride GIS (95%)

Other

- *Completed study to identify freight bottleneck locations on Freight Focus Road Network. (100%)*
- *Completed update of ADMS for 2006 and 2007 data for the Louisville area's freeways covered by TRIMARC speed sensors.*
- *Completed Phase 1 of the travel time index and reliability research study for the Louisville area's freeways covered by TRIMIARC speed sensors.*

ACCOMPLISHMENTS FOR 2008-2009

CHAPTER 12

Congestion, Mobility, and Access Management (continued)

RESPONSIBLE UNIT

Division of Planning
Modal Programs Branch
Strategic Planning Branch

Access Management & Corridor Planning

- Implement tasks recommended from the 2008 KTC report on Access Management Implementation in Kentucky.
 - Draft amended administrative regulations for control of access on highways
Completed and presented to State Highway Engineer's Office.
 - Finalize the access management classification system. Integrate into EXOR and create system maps.
Classification nearly complete. No integration into EXOR. System maps started but not completed. (33%)
 - Develop Access Management Guidance Manual
Proposed guidance presented to Operations and State Highway Engineer's Office.
 - Assist in amending Planning, Permits, and Design Manuals on new processes.
Proposed guidance presented to Operations and State Highway Engineer's Office.
Develop a model MOU for KYTC and local governments that can be used as part of corridor plans and highway design projects to protect access control.
Posted example MOUs on Congestion Toolbox for use. Reviewed project MOUs. (100%)
- Assist project teams on access management concepts, standards and MOU implementation.
Assisted various project teams throughout the year, as requested. (100%)
- Assist local governments in the development of local access management programs as part of their land-use planning processes.
Developed the connectivity model ordinance. Presented information to three groups. Assisted various local governments on connectivity ordinance. (100%)
- Host NHI Access Management Course
Not Completed
- Develop half day course on access management for local governments and planning commissions.
Not Completed. Policy still pending.
- Provide technical expertise and review regarding access management and overlay (land use) planning on corridor and intersection plans and designs.
Assisted various project teams throughout the year, as requested. (100%)
- Other
 - **Participated in Traffic Impact Study research and implemented into policy for Division of Maintenance. (100%)**
 - **Participated in Auxiliary Lane research study for warrants and design of left, right and center turning lanes. Implemented into policy for Divisions of Design and Maintenance. (100%)**
 - **Began research to develop methodology for assessing appropriate intersection designs for given project conditions. (20%)**

ACCOMPLISHMENTS FOR 2008-2009

CHAPTER 12

Congestion, Mobility, and Access Management (continued)

RESPONSIBLE UNIT

Division of Planning
Modal Programs Branch
Strategic Planning Branch

PROPOSED ACTIVITIES FOR 2008-2009 (continued)

Intersections

- Track “smart-growth” projects such as access management retrofits, roundabouts, innovative intersection treatments, and road diets using GIS.
GIS developed, but database is incomplete (25%)
- Provide information and technical assistance on intersection planning, as requested.
KTC Study complete. Responded as requested to individual intersection studies.
- Participation as Planning representative on the Roundabout Task Force.
Task Force was dissolved in the beginning of FY 2009 due to Cabinet Policies.
- Train engineers and planners on appropriate processes for considering innovative intersections during the planning process.
Began research to develop methodology for assessing appropriate intersection designs for given project conditions (20%)

PRODUCTS

- Updated Congestion Toolbox website
Complete, yet ongoing
- Park and Ride GIS Database
Data/photo collection and GIS complete. IM web applications nearing completion (90%)
- Revised KAR on Access Control
Presented to Operations and State Highway Engineer’s Office to implement.
- Access Management Classification System & roadway designations
Presented to Operations and State Highway Engineer’s Office to implement.
- Access management model MOU
Complete and on the web in the Congestion tool box. Used by several cities to develop their own city’s access management MOU. (100%)
- Access management short course materials
Being coordinated through Operations Permits Office.
- GIS tracking system for smart growth projects
GIS developed, but database is incomplete (25%)

ACCOMPLISHMENTS FOR 2008-2009

CHAPTER 12

Congestion, Mobility, and Access Management (continued)

RESPONSIBLE UNIT

Division of Planning
Modal Programs Branch
Strategic Planning Branch

DISTRIBUTION OF ESTIMATED COST FOR 2008-2009

PERSONNEL	\$165,100
OTHER	\$5,000
TOTAL	\$170,100

ESTIMATED OUTSOURCING EXPENSES AND PURCHASES

- \$30,000 for 2009 for TTI Urban Mobility Study
Funded

ACCOMPLISHMENTS FOR 2008-2009

CHAPTER 13

Traffic Data Forecasting
Statewide Traffic Model

RESPONSIBLE UNIT

Division of Planning
Modal Programs Branch
Forecasting and Modeling Team

PURPOSE AND SCOPE

The Forecasting and Modeling Team will maintain traffic trends, provide current and projected traffic volume estimates for planning, project development, operations, and other purposes. They will update and maintain local, regional, and statewide traffic models (KySTM). They will collect, process, and assemble data for determining route location or relocation, selecting among alternate routes, or as input into KySTM.

PROPOSED ACTIVITIES FOR 2008-2009

- Prepare traffic estimates for planning studies, design projects, environmental analysis, and other purposes, as needed.
Completed 48 traffic forecasts (100% Complete)
- Administer statewide traffic forecasting contracts and provide quality review for traffic projections made by the MPOs and planning consultants.
Administered eight traffic and forecasting contracts. Radcliff-Elizabethtown Model 100% complete, Bowling Green Model, 95% complete. Four county/regional models are under development; Madison, Pulaski/Laurel, McCracken, and Christian. (50% Complete)
- Maintain databases that track traffic forecasts and traffic forecast parameters. Make databases available to other users and offices. Maintain the traffic forecasting web page as a tool for other users.
Database maintained and a copy made available to other users within the Division of Planning. Reviewed the forecasting web page and updated the last KMUG meeting information. (100% Complete)
- Maintain and update internal traffic forecasting tools (e.g. ESAL spreadsheets; turning movement spreadsheets).
Updated ESAL spreadsheets with 2007 aggregated factors and created three-legged turning movement spreadsheets. (100% Complete)
- Provide future year forecasting factors and K-factors/D-factors for the Highway Performance Monitoring System (HPMS).
Generated K-factors, D-factors, and 20-year growth rates for HPMS. (100% Complete)
- Update ESAL tables utilizing 2006 & 2007 vehicle classification data
Utilized the Kentucky Transportation Center to analyze and generate new ESAL tables
- Update ESAL Forecasting for Superpave computer program
Updated the ESAL factors only, awaiting the new SPECTRA methods. (0% Complete)
- Update the annual Traffic Forecast Report (TFR) utilizing KTC.
Due to the delay of the previous report, we deferred the update until 2010. (0% Complete)

ACCOMPLISHMENTS FOR 2008-2009

CHAPTER 13

Traffic Data Forecasting
Statewide Traffic Model

RESPONSIBLE UNIT

Division of Planning
Modal Programs Branch
Forecasting and Modeling Team

PROPOSED ACTIVITIES FOR 2008-2009 (continued)

- Host/Facilitate the Traffic Model Users Group, which is a peer group for traffic forecasters and traffic modelers composed of members from government, academia, and the private sector.
Assisted in the formation of a Regional Traffic Forecasters User Group and hosted/facilitated one meeting. Presented at the Traffic Model and Planning Conference. (100% Complete)
- Develop refinements and incorporate into KySTM model an estimation process for future traffic distribution.
Developed process to estimate future population distribution. Improved the RMSE of the model from 74% to 59%. Utilized the Kentucky Statewide Model for four Travel time/User Cost studies (100% complete)
- Conduct studies to better calibrate and validate models. Extend peer review of large MPO models and coordinate model updates as needed for small MPO models.
Developed processes to better calibrate and validate models. Coordinated three model updates for small MPO models incorporating a standardized interface (67% complete)
- Identify areas needing an area-wide model. Develop small area and county-wide models using a standardized interface.
Developing three small area or county-wide models using a standardized interface. All models will be completed in the following year. Successfully integrated one existing (non-MPO) model to the standard interface (33% complete).

PRODUCTS

- Statewide Traffic Model
Improved the RMSE of the model from 74% to 59%.
- Corridor or other traffic forecasts as requested
Completed 48 traffic forecasts (100% Complete)
- City/County/MPO Models
Radcliff-Elizabethtown Model 100% complete, Bowling Green Model, 95% complete. Four county/regional models are under development; Madison, Pulaski/Laurel, McCracken, and Christian. (50% Complete)
- Travel time Studies
Performed significant travel studies and developed two forecasts using micro-simulation models for Ft Knox new gate analysis.
- Traffic forecast factors for HPMS
Generated K-factors, D-factors, and 20-year growth rates for HPMS. (100% Complete)
- Design tools for consultants and District (e.g. ESAL Calculator; look-up tables)
Updated ESAL tables utilizing 2006 & 2007 vehicle classification data, provided future year forecasting factors

ACCOMPLISHMENTS FOR 2008-2009

CHAPTER 13

Traffic Data Forecasting (continued)
Statewide Traffic Model

RESPONSIBLE UNIT

Division of Planning
Modal Programs Branch
Forecasting and Modeling Team

DISTRIBUTION OF ESTIMATED COST FOR 2008-2009

PERSONNEL	\$474,000
OTHER	\$5,000
TOTAL	\$479,000

ESTIMATED OUTSOURCING EXPENSES AND PURCHASES

- \$50,000 for annual ESAL table and program updates by KTC
Task completed by KTC
- \$25,000 for annual TFR updates by KTC
Task completed by KTC
- \$ 75,000 for KySTM training and enhancements
Task completed in-house
- \$150,000 for County Wide Traffic models
Task is in progress. Three models are under development for Madison, Pulaski/Laurel, and McCracken county.
**Bowling Green and Radcliff/Elizabethtown models used MPO Chapter funding for consultant work.

ACCOMPLISHMENTS FOR 2008-2009

CHAPTER 14

Bicycle and Pedestrian Program

RESPONSIBLE UNIT

Department of Governmental Relations
Office of Special Programs

PURPOSE AND SCOPE

The Office of Special Programs coordinates several programs that support and encourage bicycling and walking as viable forms of transportation. The responsibility of the Bicycle and Pedestrian Program Coordinator is to prepare, assist and promote bicycle and safety programs throughout the state and to recommend opportunities for bicycle-pedestrian facilities for proposed highway improvements.

PROPOSED ACTIVITIES FOR 2008-2009

- Assist local governments in the development of local bicycle and pedestrian network facilities and plans.
Assisted cities of Frankfort, Berea, and Louisville in implementing bicycle facilities
- Promote pedestrian and bicycle safety and facilities.
KBBC approved Nye Grants for bicycle and safety programs. Promoted bicycle safety at the Kentucky State Fair with over 1000 participants in the Share the Road bicycle drawing.
- Revise and update the statewide bike-route system and associated maps.
Updated statewide bike route map for changes in road geometry.
- Answer requests concerning planning and design guidelines regarding pedestrian and bicycle facilities.
Answered numerous questions concerning bicycle lanes in Kentucky
- Facilitate the increased used and public education of non-motorized modes of transportation, including developing pedestrian and bicycle facilities. As well as assist and expand safety programs for using such facilities.
Assisted in the creation and implementation of bicycle lanes.
- Review project plans for bicycle and pedestrian facilities, as requested.
Reviewed KY 44 in Jefferson County, Second Street in Frankfort, and various routes in Danville and Berea.
- Review school site locations for pedestrian access and design, as submitted.
No schools reviewed by Division of Planning Bike/Ped Program. While the SRTS program would like to be able to participate in school site review, we have not been asked to do so and only get a copy of the results of the review that is sent by the Cabinet Secretary to the communities.
- Plan a bicycle and pedestrian safety seminar for law enforcement.
Not done by the Division of Planning.
- Develop a Kentucky bicycle and pedestrian plan.
Currently editing the existing bicycle and pedestrian plan 20% of update complete.
- Finalize the revision of the Kentucky bicycle and pedestrian policy.
Reviewing the revision of the Kentucky Bicycle and Pedestrian Policy by the Kentucky Bicycle and Bikeway Commission 95% complete

ACCOMPLISHMENTS FOR 2008-2009

CHAPTER 14

Bicycle and Pedestrian Program

RESPONSIBLE UNIT

Department of Governmental Relations
Office of Special Programs

PROPOSED ACTIVITIES FOR 2008-2009 (continued)

- Coordinate the Annual Share the Road Rally.
Rally was sponsored by community supporter. KYTC participated in the 2008 Share the Road Rally and had a promotional booth at the Share the Road Rally in 2008.
- Plan an annual statewide bicycle and pedestrian conference in Kentucky.
Held the annual statewide bicycle and pedestrian conference in Louisville in May 2008.
- Perform bicycle and pedestrian safety workshops and bike rodeos across the state in conjunction with the Safe Routes to School Program.
Communities awarded SRTS funding have utilized some funds for local bike/ped safety classes and educational materials, however KYTC did not spend any SRTS funds or SPR Funds on a statewide initiative this year.

PRODUCTS

- Coordinate bicycle and pedestrian facility design and safety workshops for communities
Communities awarded SRTS funding have utilized some funds for local bike/ped safety classes and educational materials, however we did not spend any SRTS funds on a statewide initiative this year. Not done by the Division of Planning.
- Development of a revised Bicycle and Pedestrian Plan and a Policy
Currently reviewing the Bicycle and Pedestrian Plan and Policy
- Preparations for the annual Share the Road Rally in 2008
Had a promotional booth at the Share the Road Rally in 2008.
- Preparations for the annual Kentucky Bicycle and Pedestrian Conference in 2008
Held the annual statewide bicycle and pedestrian conference in Louisville in May 2008.
- Updated bicycle and pedestrian brochures and promotional materials
The SRTS Program utilizes safety literature from the FHWA and NHTSA. The Office of Local Government has utilized some activity sheets from NHTSA to put together an activity book for children ages 4-7 and 8-11, which have been mass produced and are distributed at various events.
- Education and outreach to local schools and communities on bicycle and pedestrian safety
Promoted bicycle safety in schools by hosting a bicycle giveaway at the Kentucky State Fair with over 1000 school children ages 8-15 participating. Communities awarded SRTS funding have utilized some funds for local bike/ped safety classes and educational materials, however KYTC did not spend any SRTS funds or SPR funds on a statewide initiative this year.

ACCOMPLISHMENTS FOR 2008-2009

CHAPTER 14

Bicycle and Pedestrian Program (continued)

RESPONSIBLE UNIT

Department of Governmental Relations
Office of Special Programs

DISTRIBUTION OF ESTIMATED COST FOR 2008-2009

PERSONNEL	\$52,500
OTHER	\$57,900
TOTAL	\$110,400

ESTIMATED OUTSOURCING EXPENSES AND PURCHASES

- \$3,300 for Kentucky Bicycle and Bikeway Commission Annual Meeting
Meeting held May 2009 in Louisville
- \$12,000 for We are Safe: Biking and Walking to School Safety Program
Not done by Division of Planning or Office of Local Government.
- \$11,400 for Bicycle and Pedestrian Facilities Design/Safety Workshops for Community Members
Delayed to FY 2010
- \$5,500 for Share the Road Rally event
Promotional items developed in house. Rally was sponsored by community supporter.
- \$7,500 for Bicycle and Pedestrian Brochures and Bicycle Route Tour Guides
Brochures not updated by Division of Planning. Bike Route Tour Guides printed in-house.
- \$10,000 for Bicycle and Pedestrian Promotional Items (bike lights, reflectors, pedometers)
The KY SRTS program has not purchased any promotional items this year, as KYTC has items remaining from past orders. However, SRTS funding awarded to individual project sponsors has been used for such items by the sponsor
- \$4,000 for training for State Bicycle and Pedestrian Coordinator
Attended training locally.

FY09 Planning Work Program Chapter Expenditures

<i>TITLE</i>	<i>CHAPTER</i>	<i>BUDGET</i>	<i>CURRENT BUDGET</i>	<i>ENCUMBERED</i>	<i>EXPENDED</i>	<i>TOTAL YTD</i>	<i>% of Budget</i>	<i>BALANCE</i>
Customer Service	01P	\$76,400.00	\$76,400.00		\$37,351.60	\$37,351.60	49%	\$39,048.40
Personnel Training	02P	\$334,300.00	\$334,300.00		\$99,896.44	\$99,896.44	30%	\$234,403.56
Traffic and Equipment Mgmt	03P	\$4,558,000.00	\$4,508,000.00		\$1,298,101.46	\$1,298,101.46	29%	\$3,209,898.54
Roadway Systems	04P	\$667,600.00	\$667,600.00		\$667,479.59	\$667,479.59	100%	\$120.41
Cartography	05P	\$623,900.00	\$623,900.00		\$427,026.46	\$427,026.46	68%	\$196,873.54
Highway Information System	06P	\$1,352,000.00	\$1,402,000.00		\$964,312.95	\$964,312.95	69%	\$437,687.05
Strategic Corridor Planning	07P	\$732,800.00	\$732,800.00		\$289,637.92	\$289,637.92	40%	\$443,162.08
Statewide Transportation Planning	08P	\$843,700.00	\$843,700.00		\$677,604.47	\$677,604.47	80%	\$166,095.53
MPO	09P	\$581,800.00	\$581,800.00		\$367,902.02	\$367,902.02	63%	\$213,897.98
Air Quality Conformity Analysis	10P	\$154,100.00	\$154,100.00		\$146,487.58	\$146,487.58	95%	\$7,612.42
Multimodal Transportation	11P	\$266,000.00	\$266,000.00		\$85,954.65	\$85,954.65	32%	\$180,045.35
Congestion, Mobility, & Access Mgmt.	12P	\$170,100.00	\$170,100.00		\$130,676.01	\$130,676.01	77%	\$39,423.99
Traffic Data Forecasting	13P	\$479,000.00	\$479,000.00		\$244,368.59	\$244,368.59	51%	\$234,631.41
Bicycle and Pedestrian Program	14P	\$110,400.00	\$110,400.00		\$50,107.99	\$50,107.99	45%	\$60,292.01
TOTAL for FH02		\$10,950,100.00	\$10,950,100.00	\$0.00	\$5,486,907.73	\$5,486,907.73	50%	\$5,463,192.27

Current as of 8/27/09