

PLANNING WORK PROGRAM

SP 0009 (001)
JUNE 16, 2008 - JUNE 15, 2009



IN COOPERATION WITH
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION



U.S. Department
of Transportation
**Federal Highway
Administration**

Kentucky Division Office
Jose Sepulveda, Division Administrator

330 West Broadway
Frankfort, KY 40601
PH. (502) 223-6720
FAX (502) 223-6735

May 5, 2008

RECEIVED

MAY 05 2008

Mr. Joseph W. Prather, Secretary
Kentucky Transportation Cabinet
200 Mero Street, Room 613
Frankfort, Kentucky 40622

Attention: Daryl Greer, Director of Planning

Dear Mr. Prather:

We have reviewed the April 25, 2008 submittal of the following document:

**Planning Work Program
SP 0009 (001)
June 16, 2008 - June 15, 2009
(2009 SPR Work Program - Subpart A)**

The activities in the 2009 Planning Work Program were found eligible under 23 U.S.C. 134, 135, 505 or 49 U.S.C. 5303-5305,5313(b) and the provisions of 23 CFR 420 and 23 CFR 450.

The 2009 Planning Work Program is approved. We found that the work program followed 23 CFR 420.103. The work program should be administered in accordance with the provisions of 49 CFR Part 18 and 23 CFR Part 420. Authorization of this work is subject to the availability of funds.

The effective time period for funding is from June 16, 2008 – June 15, 2009.

Prior Approval is required for the following changes to the SPR Work Program:

- Budgetary changes
- Increase in federal funds [49 CFR 18.30(c)(1)(i)].
- Cumulative transfer among already approved work program line items of 10% of the total federal funds or \$100,000 [49 CFR 18.30(c)(1)(ii)].

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- Programmatic changes
- Change in the scope or objectives of activities (e.g., adding or deleting line items) [49 CFR 18.30(d)(1)].
- Extending the period of performance past the approved work program period. [49 CFR 18.30(d)(2)].
- Transferring substantive programmatic work to a third party (e.g., consultant work not identified in the originals work program) [49 CFR 18.30(d)(4)].
- Capital expenditures including purchase of equipment [OMB Circular A-87].

There are two additional requirements associated with the SPR Work Program, an independent audit and an annual performance and expenditure report.

The Single Audit Act Amendment of 1996 requires that an independent audit be completed of any non-federal entity expending \$500,000 or more in Federal funds from all sources in a fiscal year that ends after December 31, 2003. (49 CFR 18.26, OMB Circular A-133).

An annual performance and expenditure report is required to be submitted within 90 days (3 months) after the end of the report period. The report may be more frequent if deemed necessary by FHWA. [23 CFR 420.117(c)].

We appreciate the work that went into development of this work program and thank you for working with our office to make improvements. When printing is complete please provide our office with eight hard copies of the document. Thank you once again.

Sincerely yours,



Bernadette Dupont
Transportation Specialist

c: Ray Polly, KYTC - Administration

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



**WORK PROGRAM AND COST ESTIMATE
FOR
PROJECT SP 0009 (001)
JUNE 16, 2008 THROUGH JUNE 15, 2009**

**PART I
DIVISION OF PLANNING**

**PREPARED IN COOPERATION
WITH
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION**

INTRODUCTION

The Planning and Research Program Annual Work Program is required under 23 CFR 420.111. Due to the organization of the Cabinet, the Planning and Research portions are submitted as separate documents. This document outlines the transportation planning activities as Planning (Part I) of the work program. To illustrate the Division of Planning, a detailed organization chart (See Exhibit 1) has been inserted in the work program addressing the various functional areas of the Division responsible for planning activities.

The Kentucky Transportation Cabinet has many partners in performing the planning activities. In each of the work program chapters, there is a denotation of the Highway District Offices. Each Highway District Office has a Planning Branch that performs planning activities for many of the chapters in the work program. We also have agreements with each of the 15 Area Development Districts (ADDs) in the Commonwealth. The ADDs in cooperation with the Highway District Offices Planning Branch perform for the Cabinet much of the Public Involvement in Statewide Transportation Planning (23 CFR 450.200), intermodal and freight activities, and data collection. The Metropolitan Planning Organizations receive money each year to meet the requirements of 23 CFR 450 Subpart C. The consulting industry and the Kentucky Transportation Center are also used at times when additional resources are needed.

This year's work program continues activities related to improving the quality of the Cabinet's Highway Information System (HIS) data. There is an emphasis to install additional traffic count loops at high volume locations to obtain traffic volume and class counts in a safe and efficient manner. To align with the recent HIS upgrade, we also seek to improve the storage and reporting of the traffic count data by integrating that database with the HIS database. In general, the Division of Planning is undertaking efforts to insure quality data, to store the data more effectively, and to improve the efficiency and convenience of extracting and reporting the data.

Because of downsizing efforts and/or staff retirements within the Cabinet, efforts will be placed toward outsourcing services which may include traffic counts, traffic forecasts, data collection, map products, planning studies, and other needed activities. The Division of Planning is also evaluating our core functions in order to streamline and align our efforts so that required activities are completed. It may become necessary during this time to significantly downsize or eliminate programs that are not directly required by regulation or statute. We also anticipate working this upcoming year to coordinate as needed with our elected officials and AASHTO on the upcoming reauthorization bill. The Division of Planning will continue to evaluate and assist with air quality conformity issues, and we will assist the Cabinet in identifying operational and performance improvements to maximize the efficiency of the existing transportation network.

Please refer to each chapter contained within this work program for more details.

FOREWORD

This Planning Program SP 0009 (001) for the period June 16, 2008 to June 15, 2009 is submitted in compliance with the provisions of 23 CFR 420 and describes programs and operations for planning activities in the Kentucky Transportation Cabinet (KYTC). These funds will be administered in accordance with the provisions of 49 CFR 18 and 23 CFR 420. This program modifies and updates previous such programs and is specifically intended to reflect the needs of the Kentucky Transportation Cabinet. It is fully expected that products from this program will also have national applications. In general, these funds are used to assist the KYTC in meeting federal reporting and planning requirements.

The Division of Planning is charged with the responsibility for recommending, advising, and assisting the chief administrators of the KYTC in the development of the overall goals, policies, project priorities, and procedures relating to the total transportation program of the Cabinet. Proposed activities for Fiscal Year 2009 are reported in detail by Chapter in this Work Program.

We expect the majority of activities in this Work Program to be completed by June 15, 2009. Those items that are not complete by June 15 will be identified in the Annual Performance and Expenditure Report. For those items not complete by June 15, an extension of the work program will be requested from FHWA so that the remainder of the funding commitments can be expended.

The fiscal portions of the Work Program are based on funding availability provided by the Cabinet's Office of Budget and Fiscal Management.

DIVISION OF PLANNING

Current as of April 24, 2008

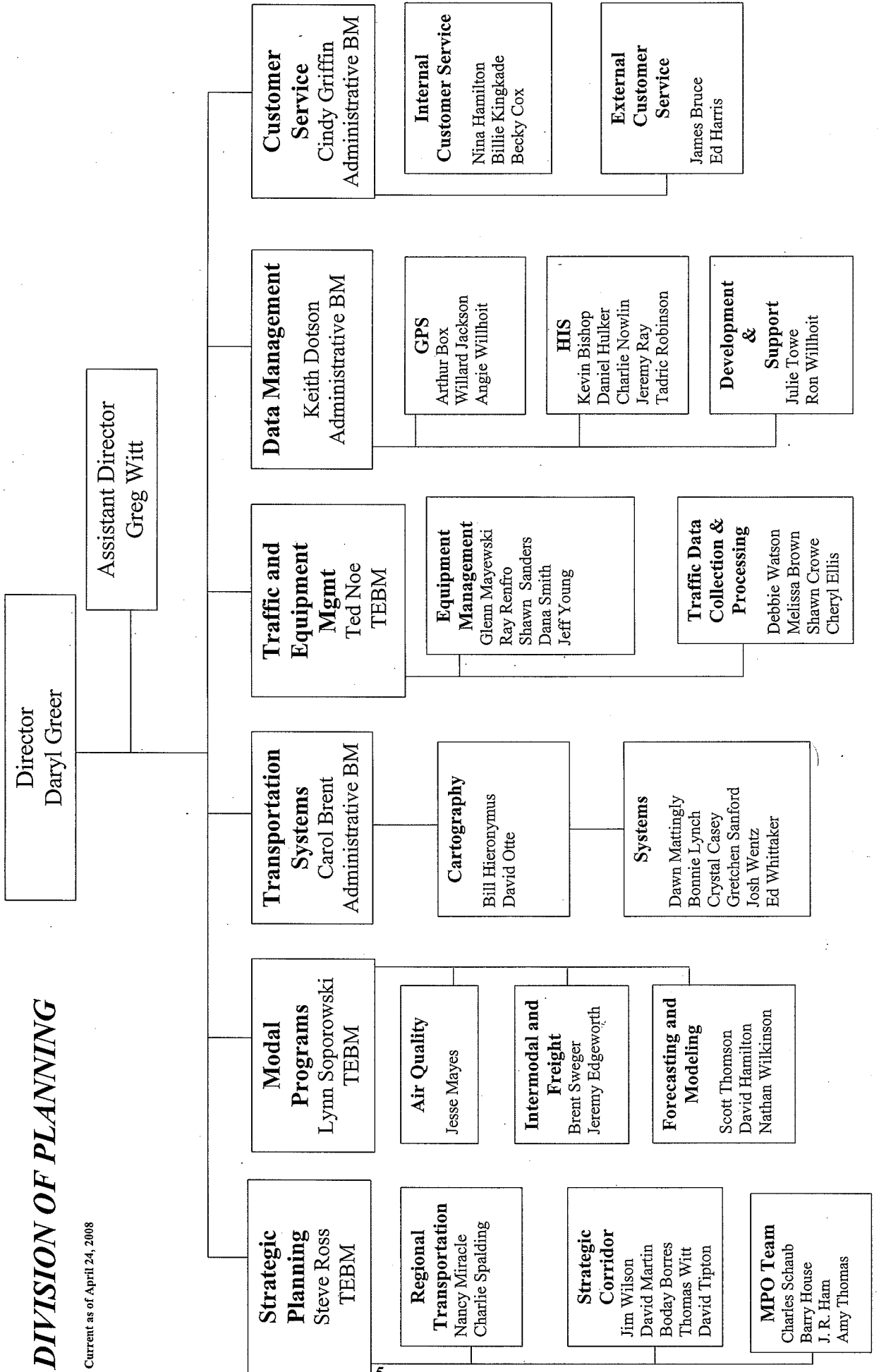


EXHIBIT 2

PROGRAM IDENTITY

FEDERAL **STATE**
MATCH **MATCH** **LOCAL MATCH** **OTHER** **TOTAL**

Kentucky Transportation Cabinet

Personnel Cost	\$8,513,500	\$1,003,700			\$9,517,200
Other Cost	\$1,281,800	\$151,100			\$1,432,900
Total SPR Funds	\$9,795,300	\$1,154,800			\$10,950,100

Partner Agencies

PL Funded MPO Planning Budgeted	\$1,987,436	\$124,216	\$372,645		\$2,484,297
PL Discretionary Fund	\$200,000		\$50,000		\$250,000
Total PL Funds	\$2,187,436	\$124,216	\$422,645		\$2,734,297

ADD Regional Transportation Program (State Funds)		\$823,900	\$91,544		\$915,444
ADD Regional Transportation Program (General Funds)		\$374,800	\$41,644		\$416,444
Total ADD funds		\$1,198,700	\$133,188		\$1,331,888

TOTALS

					\$15,016,285
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Notes:

- 1) Potential Outsourced Items are indicated in each chapter
- 2) Toll Credits will be used to provide the remainder of the 20% match for the SPR funds. This is estimated to be \$1,294,025 in toll credits.
- 3) **PERSONNEL COSTS** include staff charges and outsourced activities or contracts. **OTHER COSTS** include equipment, supplies, software, travel, carpool rental, printing, and other charges not related to personnel costs.

EXHIBIT 3

FHWA FUNDING AVAILABILITY
From Division of Program Management's
Federal Aid Fund Report
as of 4/18/2008

Fund	Code	Unobligated Balance
2% Highway Planning & Research	O810	83,918
2% Highway Planning & Research - STEA03	H550	236,585
Statewide Planning 2%	L550	7,934,509
2% Hwy Plng & Resch-TEA21	Q550	1,540,359
Total Available SPR		\$9,795,371
1% Metropolitan Planning	O850	29,672
1% Metropolitan Planning - STEA03	H450	35,373
Metropolitan Planning 1.25% Takedown	L450	3,667,207
1% Metropolitan Planning - TEA21	Q450	29,266
Total Available PL		\$3,771,518

KENTUCKY TRANSPORTATION CABINET
OFFICE OF BUDGET AND FISCAL MANAGEMENT
2008-2010 BIENNIAL BUDGET
FY 2008-09

Project Budget Unit

FH02 - SPR Planning

State Road Fund	1,154,800.00
Federal Funds	10,182,800.00

Total FH02 Funds **\$11,337,600.00**

FH03 - Metropolitan Planning

State Road Funds	286,600.00
Federal Funds	2,328,300.00

Total FH03 Funds **\$2,614,900.00**

Note: Budget authority exceeds the available unobligated balances of federal SPR funds. The lower amount will be used for budgeting purposes for this work program.

FY 2008 Proposed Research Program Summary

FHWA Funding Availability Unobligated funds as of April 18, 2008

Fund	Code	Balance
Mandatory 25% Studies-HPR	O860	\$ 8,362.49
MAND 25%- HPR-STE A 03	H560	\$ 161,755.50
Statewide PLAN Mandatory	L560	\$ 2,541,390.00
Mand 25% Studies- HPR- TEA 21	Q560	\$ 79,156.38
Total Unobligated Mandatory Studies		\$ 2,790,664.37

Estimated FY 2009 Apportionment

Fund Source	Federal
Interstate Maintenance	\$ 97,631,944.18
National Highway System	\$ 108,333,190.44
Surface Transportation Program	\$ 105,514,757.35
Bridge Replacement & Rehabilitation	\$ 55,963,079.66
Congestion Mitigation & Air Quality	\$ 10,025,396.65
Equity Bonus	\$ 135,171,495.07
Safety	\$ 18,545,073.50
Total	\$ 531,184,936.85
2% Take Down	\$ 10,623,698.74
Estimated Available 2008 Funds - 25% of Take Down	\$ 2,655,924.68

Research Work Program - Part B Estimated Fiscal Year 2009 Expenditures

Program Identity	Federal	State	Total
SPR-Part II Research (85% Allocated)*	\$ 2,655,924.68	\$ 663,981.17	\$ 3,319,905.85
FY 07 Carryover (obligated/unspent)	\$ 675,000.00	\$ 225,000.00	\$ 900,000.00
Part III B Research		\$ 220,000.00	\$ 220,000.00
NCHRP Dues	\$ -	\$ -	\$ -
Total	\$ 3,330,924.68	\$ 1,108,981.17	\$ 4,439,905.85

* Includes 80,000 for Pooled Fund Studies, and \$20,000 for Superpave Center. These items will be 100% Federally Funded (no state match).

Note: This summary of the Research Portion of the work program is submitted for informational purposes only and is only an estimate of the expenditures. The actual work program for the research program will be submitted under separate cover.

EXHIBIT 4

**PL funds for MPO Unified Planning Work Programs for FY 2009
Assumes 100% Federal Funds Available**

MPO AREA	TOTAL FY 2006 PL Funding						TOTAL		FED+ST FUNDING	F+S = %
	Fed \$	Fed %	State \$	State %	Local \$	Local %	F+S+L=\$	F+S=\$		
LOUISVILLE	\$ 947,729	80.0%	\$ 59,233	5.00%	\$ 177,699	15.00%	\$ 1,184,661	\$ 1,006,962	85.00%	
NORTHERN KY	\$ 358,712	80.0%	\$ 22,420	5.00%	\$ 67,259	15.00%	\$ 448,391	\$ 381,132	85.00%	
LEXINGTON	\$ 301,655	80.0%	\$ 18,853	5.00%	\$ 56,560	15.00%	\$ 377,068	\$ 320,508	85.00%	
HENDERSON	\$ 30,360	80.0%	\$ 1,898	5.00%	\$ 5,693	15.00%	\$ 37,951	\$ 32,258	85.00%	
OWENSBORO	\$ 81,323	80.0%	\$ 5,083	5.00%	\$ 15,248	15.00%	\$ 101,654	\$ 86,406	85.00%	
ASHLAND	\$ 80,000	80.0%	\$ 5,000	5.00%	\$ 15,000	15.00%	\$ 100,000	\$ 85,000	85.00%	
FT CAMPBELL	\$ 27,657	80.0%	\$ 1,729	5.00%	\$ 5,186	15.00%	\$ 34,572	\$ 29,386	85.00%	
BOWLING GREEN	\$ 80,000	80.0%	\$ 5,000	5.00%	\$ 15,000	15.00%	\$ 100,000	\$ 85,000	85.00%	
RADCLIFF-										
ELIZABETHTOWN	\$ 80,000	80.0%	\$ 5,000	5.00%	\$ 15,000	15.00%	\$ 100,000	\$ 85,000	85.00%	
DISCRETIONARY FOR SEPARATE CONTRACT	\$ 200,000	80.0%	\$ -	0.00%	\$ 50,000	20.00%	\$ 250,000	\$ 200,000	80.00%	
TOTALS	\$ 2,187,436		\$ 124,216		\$ 422,645		\$ 2,734,297	\$ 2,311,652		
PL Budget Total	\$ 1,987,436	80%	\$ 124,216	5.00%	\$ 372,645	15.00%	\$ 2,484,297	\$ 2,111,652	85.00%	
PL Discretionary	\$ 200,000	80%	\$ -	0.00%	\$ 50,000	20.00%	\$ 250,000	\$ 200,000	80.00%	

NOTE: State funds are 5% for formula funds only. Local funds do not flow through KYTC. Discretionary for separate contract will be divided into two project in two MPO areas. KYTC does not match for discretionary funds, so match will be provided by local agencies. The two discretionary projects are: NKY - Household Travel Survey; and BWG - TIF Area Traffic Study.

CHAPTER FUNDING SUMMARY

<u>CHAPTER</u>	<u>TITLE</u>	<u>AMOUNT</u>
1	Customer Service	\$76,400
2	Personnel Training	\$334,300
3	Traffic and Equipment Management	\$4,558,000
4	Roadway Systems	\$667,600
5	Cartography	\$623,900
6	Highway Information System	\$1,352,000
7	Strategic Corridor Planning	\$732,800
8	Statewide Transportation Planning	\$843,700
9	Metropolitan Planning Organizations	\$581,800
10	Air Quality Conformity Analysis	\$154,100
11	Multimodal Transportation	\$266,000
12	Congestion, Mobility, and Access Management	\$170,100
13	Traffic Data Forecasting	\$479,000
14	Bicycle and Pedestrian Program	\$110,400
	TOTAL	\$10,950,100

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.
- Prepare daily time and attendance and maintain records for Division of Planning employees.
- Prepare all travel requests and travel reimbursements.
- Prepare all registrations for various training to accomplish the goals of the SPR Planning Work Program and maintain training records.
- Prepare contracts, letter agreements, purchase requests, etc. for the Division related to the SPR Planning Work Program.
- Process payments against contracts awarded by the Division related to the SPR Planning Work Program.
- Coordinate and prepare the annual SPR Planning Work Program and the annual SPR Planning Work Program and Expenditures Report.
- Track budgets and annual SPR Planning Work Program Expenditures.

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.

CHAPTER 1

Customer Service (continued)

RESPONSIBLE UNIT

Division of Planning
Customer Service Branch

DISTRIBUTION OF ESTIMATED COST FOR 2008-2009

PERSONNEL	\$76,400
OTHER	\$0
TOTAL	\$76,400

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.

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

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.
- 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.
- 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.
- Review, assign, process, analyze, and distribute data for approximately 400 special count stations that are requested by the highway districts and other divisions.
- Collect volume and classification data on approximately 200 interstate stations.
- 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.
- 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.
- 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.
- 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.
- Certify, repair, and maintain approximately 650 traffic data recorders.
- Install, inspect, repair, and maintain 400 permanent vehicle sensor locations.

CHAPTER 3

Traffic and Equipment Management (continued)

RESPONSIBLE UNIT

Division of Planning
Traffic and Equipment Management Branch

- Track emerging highway projects and produce plans and specifications for new and replacement traffic sensor installations for submittal into construction and pavement rehabilitation contracts.
- Update in-house databases to include any new stations or roadway alignment changes. Correct beginning and ending milepoints to better represent traffic generators.
- Detect, analyze, and adjust volume counts while combining and creating additional stations where necessary.
- Work with the FHWA to document the entire TMS process.
- 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.
- Review, analyze, and update data summaries for vehicle weights and calculating Equivalent Single Axle Loads (ESALs).
- 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.

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

CHAPTER 3

Traffic and Equipment Management (continued)

RESPONSIBLE UNIT

Division of Planning
Traffic and Equipment Management Branch

ESTIMATED OUTSOURCING EXPENSES AND PURCHASES

- \$1,100,000 for Interstate and Arterial contract for Loop and Piezo installation.
- \$1,000,000 new contract for outsourced traffic counts and sensor installations.
- \$50,000 for Weigh-In-Motion (WIM) Research.
- \$800,000 for purchase of new Automatic Traffic Data Recorders.
- \$75,000 for Piezos and Road Tube

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.
- 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.
- Ensure the SPRS reflects roadways of significance, matches the functional classification system, and the electronic base map coverage.
- Generate official documentation recommending appropriate SPRS revisions to the Cabinet Secretary /Commissioner of Highways for approval.
- Review SPRS revisions for any necessary modifications to other systems such as functional classification, National Highway System, National Truck Network, etc.
- Compile data to provide ton-mile statistics to the Governor's Office for Local Development for coal transported on Kentucky Highways.
- Publish Kentucky's Official Coal Haul System Report.
- Provide the Division of Maintenance information for their review and updating the "Extended Weight Coal Haul Road System". Produce the Official Order for approval of the updated system.

PRODUCTS

- Transportation Official Orders
- State Primary Road System Official Order Listings
- Functional Classification Reports
- Coal Haul System Report and maps
- National Truck Network (NN) modifications as needed

CHAPTER 4

Roadway Systems (continued)

RESPONSIBLE UNIT

Division of Planning
Transportation Systems Branch

DISTRIBUTION OF ESTIMATED COST FOR 2008-2009

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

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.
- Maintain and publish electronic formats of cartographic products for display on the Internet.
- Update the Official State Highway Map, have necessary printing accomplished and monitor inventory at all locations.
- Create reports and exhibits for various Division projects and studies to assist transportation decision-makers in their roles.
- Provide mapping and graphic assistance to other Divisions and Departments on request.
- Develop and provide to outside entities digital maps on request.

PRODUCTS

- State Primary Road System Maps
- Functional Classification Maps
- Other Highway Data Maps (i.e., NHS, NN, etc. maps)
- Cabinet and Planning Project Exhibit Maps/Displays
- Official Highway Map
- GIS Analysis of Census, socioeconomic, environmental, land use, and other data
- General and special purpose maps as requested by other agencies

DISTRIBUTION OF ESTIMATED COST FOR 2008-2009

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

CHAPTER 5

Cartography

RESPONSIBLE UNIT

Division of Planning
Transportation Systems Branch

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.

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.
- Work with COT and OIT to assist with database upgrades that include links, functionality, and data exchange with other division databases.
- Assist with implementation of new Traffic System database including links, functionality, and data exchange between HIS and the new database.
- Continue to develop processes and procedures to review, edit, and update Cabinet's base map and HIS database.
- Assist with testing, training, report migration, and enhancements with the HIS.
- Assist in the development and maintenance of a Cabinet GIS and maintain database network for Kentucky's public highway system.
- 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.
- Improve and update roadway characteristic, HPMS, Performance Measure, and analysis data through ADD data collection project.
- Perform office reviews to verify data meets the required standards and confidence levels established by this Division and FHWA.
- Provide up-to-date route network, DMI, roadway characteristics and system information through various programs.
- Process and submit annual HPMS submittal.
- Utilize HPMS to update Rating Indices, Capacity, and Volume/Service Flow ratio in the HIS database.

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.
- Maintain currency of HPMS software and perform changes required by federal legislation, regulations, policies, and/or guidelines, as needed to the HPMS.
- Investigate results of HPMS each year and analyze changes in processes to improve output of report.
- Assist in processing and reporting of the FHWA 534 and 536 reports.

PRODUCTS

- Routines to extract better road information from the GPS files (i.e. vertical grade, horizontal curve)
- Queries and routines for quality control of the database concerning asset items and road information
- Database and GIS application troubleshooting when errors take place
- Database and GIS upgrades
- Other agency information loaded to HIS database
- New roadway centerlines obtained through GPS technology and CAD design files and updates to both the GIS layers and HIS database
- New roadway inventory either through field collection or extracted from CAD design files to update the GIS layers and HIS database
- HPMS 534 and 536 Reports
- HPMS submittal
- Reports created concerning information about transportation network stored in HIS database

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.

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.
- Conduct corridor, system, and small urban area studies.
- Respond to inquiries about corridor planning issues.
- Identify, evaluate and prioritize corridor, system, and small urban area needs through data analysis and public involvement.
- Oversee outsourced activities.
- Evaluate identified needs statewide to assist in prioritizing projects for programming in the Highway Plan.

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

CHAPTER 7

Strategic Corridor Planning (continued)

RESPONSIBLE UNIT

Division of Planning
Strategic Planning Branch
Strategic Corridor Planning Team

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.

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.
- Develop and implement processes as needed to ensure SAFETEA-LU compliance.
- Coordinate with other transportation modes, land use, environmental, and other resource agencies.
- Enhance the statewide transportation planning process including data collection, analysis, public involvement, and coordination.
- Identify, evaluate, and prioritize transportation projects through data analyses and public involvement.
- Coordinate/implement the conversion of the Project Identification Form/Unscheduled Projects List database to one consolidated database.
- Coordinate with other Divisions and agencies and incorporate applicable plans as necessary to ensure SAFETEA-LU compliance.
- Coordinate and oversee the ADD Regional Transportation Program.

PRODUCTS

- Statewide Transportation Plan updates as needed
- Unscheduled Projects List database
- Project Identification Forms
- Annual Work Programs and Contracts for 15 Area Development Districts
- Five Statewide Transportation Planning Meetings
- Statewide Transportation Planning Handbook

DISTRIBUTION OF ESTIMATED COST FOR 2008-2009

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

CHAPTER 8

Statewide Transportation Planning (continued)

RESPONSIBLE UNIT

Division of Planning
Strategic Planning Branch

ESTIMATED OUTSOURCING EXPENSES AND PURCHASES

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

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.

PROPOSED ACTIVITIES FOR 2008-2009

- Provide technical assistance and review of MPO activities, programs, documents, models and/or tools.
- Attend technical, policy, and other committee meetings to represent the Cabinet.
- Conduct contract management and oversight for federal funds.
- Ensure consistency between local and state plans and programs.
- Coordinate with other transportation modes to obtain input on multimodal issues for the Long Range Transportation Plans (LRTPs).
- Work with the MPOs and Highway District Offices (HDOs) on Project Identification Forms (PIFs), data collection, and training.
- Conduct regular statewide meetings.
- Coordinate with the Transportation Management Areas (TMAs) on the programming and tracking of dedicated Federal Statewide Transportation Program (STP) funded projects.
- Coordinate with MPOs on air quality issues, analysis, and conformity.

PRODUCTS

- Assistance to agencies in preparing compliant MPO Transportation Improvement Programs (TIPs), LRTPs, and Participation Plans (PPs)
- MPO Self Certifications (participant)
- Assistance to agencies in preparing compliant MPO UPWPs
- MPO UPWP Contracts and administration
- MPO dedicated STP fund contracts and administration
- Five Statewide Transportation Planning Meetings

CHAPTER 9

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

RESPONSIBLE UNIT

Division of Planning
Strategic Planning Branch
MPO Team

DISTRIBUTION OF ESTIMATED COST FOR 2008-2009

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

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 analyses 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.
- Run the current emissions model for ozone and PM_{2.5} regional air quality conformity analyses for Ashland and Christian County areas.
- 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.
- Facilitate monthly conference calls with federal, state, and local partners to discuss timely air quality regulations and conformity issues.
- 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.
- Provide VMT and speeds to DAQ for their development of the State Implementation Plans (SIPs) for non-attainment and maintenance areas.
- Review, comment, and participate during the preparation of mobile budgets for the development of the attainment demonstration and maintenance SIPs for the 8-hour ozone and PM_{2.5} standards designations, SIP amendments, and budget adjustments.
- Provide support to the Office of Special Programs for CMAQ related issues, as needed.
- Assist District Offices with the preparation of CMAQ applications including emission calculations and documentation.
- 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.
- Maintain a working knowledge of emerging issues and best practices, such as diesel emissions reduction strategies and greenhouse gases.
- 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.

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
- Conforming statewide and MPO planning documents
- Speed and VMT Database Estimation computer program

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

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.
- Develop eligibility guidelines for public riverport applications. Review and approve any public riverport applications received.
- Plan and host Riverport Annual Meeting in conjunction with Ferryboat Annual Meeting.
- Interface with the public Riverports in the state by responding to information requests, and serving as a member of the Kentucky Association of Riverports.
- Contingent upon legislative funding, administer Riverport Financial Assistance Program.
- Actively participate as a member on the AASHTO Standing Committee on Water Transportation (SCOWT).
- Conduct annual on-site visits of active public riverports in the state.

Railroads

- Maintain the statewide railroad GIS mapping and data set.
- Update the 2002 Kentucky Statewide Rail Plan.
- Participate in various rail studies with KYTC involvement.
- Collect railroad annual reports and rail accident/incident reports as directed in 603 KAR 7:090.
- Contingent upon legislative funding, administer Rail Infrastructure Project Fund.
- 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.
- Monitor, track, and distribute information about railroad line abandonments in Kentucky.

Freight

- Provide technical assistance and disseminate information to MPOs, ADDs, and project teams regarding freight movement, planning, and safety.

CHAPTER 11

Multimodal Transportation (continued)

RESPONSIBLE UNIT

Division of Planning
Modal Programs Branch

PROPOSED ACTIVITIES FOR 2008-2009 (continued)

Freight (continued)

- Coordinate the Kentucky Transportation Center study on truck flows and growth rates.
- Coordinate a truck parking availability study along Kentucky Interstates and Parkways.
- Participate in regional freight planning efforts.
- Coordinate 3rd Kentucky Regional Freight Conference in 2009.
- 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.
- Visit intermodal sites and communicate with rail, water, and road modes to identify freight-related needs and concerns.
- Continue developing relationships with Economic Development and Commerce to identify and promote intermodal freight needs.

Ferryboats

- Manage the Kentucky Ferryboat program.
- Share information concerning Ferryboat Discretionary Fund (FBD) Grant program. Review and prioritize applications received. Administer FBD funds.
- Plan and host the Ferryboat Annual Meeting in conjunction with Riverport Annual Meeting.
- Conduct annual on-site visits of Kentucky Ferryboat Operations.

PRODUCTS

- Riverport Implementation Plan
- Revised riverport application guidelines.
- Updated Statewide Rail Plan report
- Updated railroad GIS database and maps
- Truck Flows and Growth Rates Study report
- Truck Parking along Kentucky Interstates and Parkways Study report
- Regional Freight Conference
- Working ferryboat operations

CHAPTER 11

Multimodal Transportation (continued)

RESPONSIBLE UNIT

Division of Planning
Modal Programs Branch

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
- \$10,000 Operation Lifesaver
- \$5,000 Kentucky Association of Riverports Dues
- \$50,000 KTC Truck Flows and Growth Rates Study

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.
- 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.
- Fund participation in the Texas Transportation Institute's (TTI) annual Urban Mobility Study (Louisville and Cincinnati regions).
- 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.
- Develop a park and ride GIS database of existing assets.

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
 - Finalize the access management classification system. Integrate into EXOR and create system maps.
 - Develop Access Management Guidance Manual
 - Assist in amending Planning, Permits and Design Manuals on new processes.
- 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.
- Assist project teams on access management concepts, standards and MOU implementation.
- Assist local governments in the development of local access management programs as part of their land-use planning processes.
- Host NHI Access Management Course
- Develop half day course on access management for local governments and planning commissions.
- Provide technical expertise and review regarding access management and overlay (land use) planning on corridor and intersection plans and designs.

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.
- Provide information and technical assistance on intersection planning, as requested.
- Participation as Planning representative on the Roundabout Task Force.
- Train engineers and planners on appropriate processes for considering innovative intersections during the planning process.

PRODUCTS

- Updated Congestion Toolbox website
- Park and Ride GIS Database
- Revised KAR on Access Control
- Access Management Classification System & roadway designations
- Access management model MOU
- Access management short course materials
- GIS tracking system for smart growth projects

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

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.
- Administer statewide traffic forecasting contracts and provide quality review for traffic projections made by the MPOs and planning consultants.
- 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.
- Maintain and update internal traffic forecasting tools (e.g. ESAL spreadsheets; turning movement spreadsheets).
- Provide future year forecasting factors and K-factors/D-factors for the Highway Performance Monitoring System (HPMS).
- Update ESAL tables utilizing 2006 & 2007 vehicle classification data
- Update ESAL Forecasting for Superpave computer program
- Update the annual Traffic Forecast Report (TFR) utilizing KTC.
- 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.
- Develop refinements and incorporate into KySTM model an estimation process for future traffic distribution.
- 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.
- Identify areas needing an area-wide model. Develop small area and county-wide models using a standardized interface.

PRODUCTS

- Statewide Traffic Model
- Corridor or other traffic forecasts as requested
- City/County/MPO Models
- Travel time Studies
- Traffic forecast factors for HPMS
- Design tools for consultants and District (e.g. ESAL Calculator; look-up tables)

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
- \$25,000 for annual Traffic Forecasting Report updates by KTC
- \$75,000 for KySTM training and enhancements
- \$150,000 for County Wide Traffic models

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.
- Promote pedestrian and bicycle safety and facilities.
- Revise and update the statewide bike-route system and associated maps.
- Answer requests concerning planning and design guidelines regarding pedestrian and bicycle facilities.
- 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.
- Review project plans for bicycle and pedestrian facilities, as requested.
- Review school site locations for pedestrian access and design, as submitted.
- Plan a bicycle and pedestrian safety seminar for law enforcement.
- Develop a Kentucky bicycle and pedestrian plan.
- Finalize the revision of the Kentucky bicycle and pedestrian policy.
- Coordinate the Annual Share the Road Rally.
- Plan an annual statewide bicycle and pedestrian conference in Kentucky.
- Perform bicycle and pedestrian safety workshops and bike rodeos across the state in conjunction with the Safe Routes to School Program.

PRODUCTS

- Coordinate bicycle and pedestrian facility design and safety workshops for communities
- Development of a revised Bicycle and Pedestrian Plan and a Policy
- Preparations for the annual Share the Road Rally in 2008
- Preparations for the annual Kentucky Bicycle and Pedestrian Conference in 2008
- Updated bicycle and pedestrian brochures and promotional materials
- Education and outreach to local schools and communities on bicycle and pedestrian safety

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
- \$12,000 for We are Safe: Biking and Walking to School Safety Program
- \$11,400 for Bicycle and Pedestrian Facilities Design/Safety Workshops for Community Members
- \$5,500 for Share the Road Rally event
- \$7,500 for Bicycle and Pedestrian Brochures and Bicycle Route Tour Guides
- \$10,000 for Bicycle and Pedestrian Promotional Items (bike lights, reflectors, pedometers)
- \$4,000 for training for State Bicycle and Pedestrian Coordinator