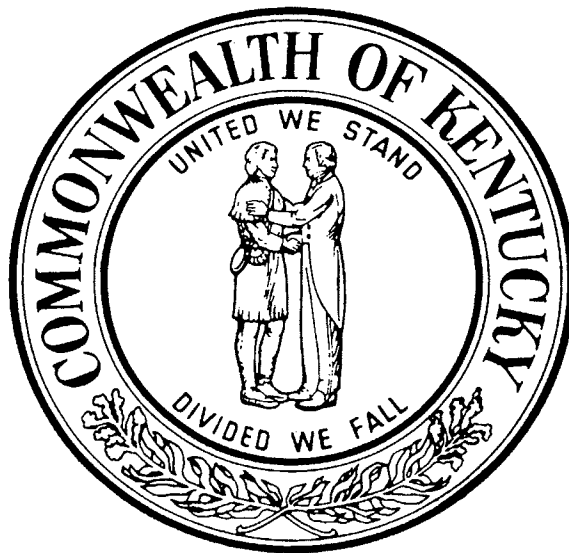


PLANNING WORK PROGRAM

SP 0008 (001)
JUNE 16, 2007 - JUNE 15, 2008



Kentucky
UNBRIDLED SPIRIT™

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

RECEIVED

May 25, 2007

MAY 30 2007

Mr. William Nighbert, Secretary
Kentucky Transportation Cabinet
200 Mero Street, Room 613
Frankfort, Kentucky 40622

Dear Mr. Nighbert:

Attention: Daryl Greer, Director of Planning

We have reviewed the May 15, 2007 submittal of the following document:

**Planning Work Program
SP 0008 (001)
June 16, 2007 - June 15, 2007
(2008 SPR Work Program - Subpart A)**

The activities in the 2008 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 2008 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, 2007 – June 15, 2008.

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)].

**MOVING THE
AMERICAN
ECONOMY**



- 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)].
- 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 8 hard copies of the document. Thank you once again.

Sincerely yours,



Bernadette Dupont
Planning and Environmental Engineer

c: Ray Polly, KYTC - Administration

MOVING THE
AMERICAN
ECONOMY 

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



**WORK PROGRAM AND COST ESTIMATE
FOR
PROJECT SP 0008 (001)
JUNE 16, 2007 THROUGH JUNE 15, 2008**

**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.

In performing the planning activities, the Kentucky Transportation Cabinet has many partners. In this year's work program, those partners are outlined. 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 Cabinet are also used at times when additional resources are needed.

Continuing in this year's work program is continued activities related to the upgrade of the Cabinet's Highway Information System (HIS) database to a newer version. As with any upgrade, there are various changes in process and activities that need to be made as well as continued fixes to the database to meet the Cabinet's data requirements. There is also a continued emphasis to install additional loops at high volume locations to obtain traffic volume and class counts in a safe and efficient manner. To align with the HIS upgrade, we also seek to improve the quality of the data that is maintained in the databases. This year we anticipate to continue efforts to collect and update data that is maintained in HIS so that improved reporting and analysis of our transportation network can be achieved.

Because of downsizing efforts 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. We also anticipate working this upcoming year to implement the planning provisions in SAFETEA-LU for both the Statewide and MPO areas. We will also continue our work to plan for freight, waterways, rail, and other related issues. 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

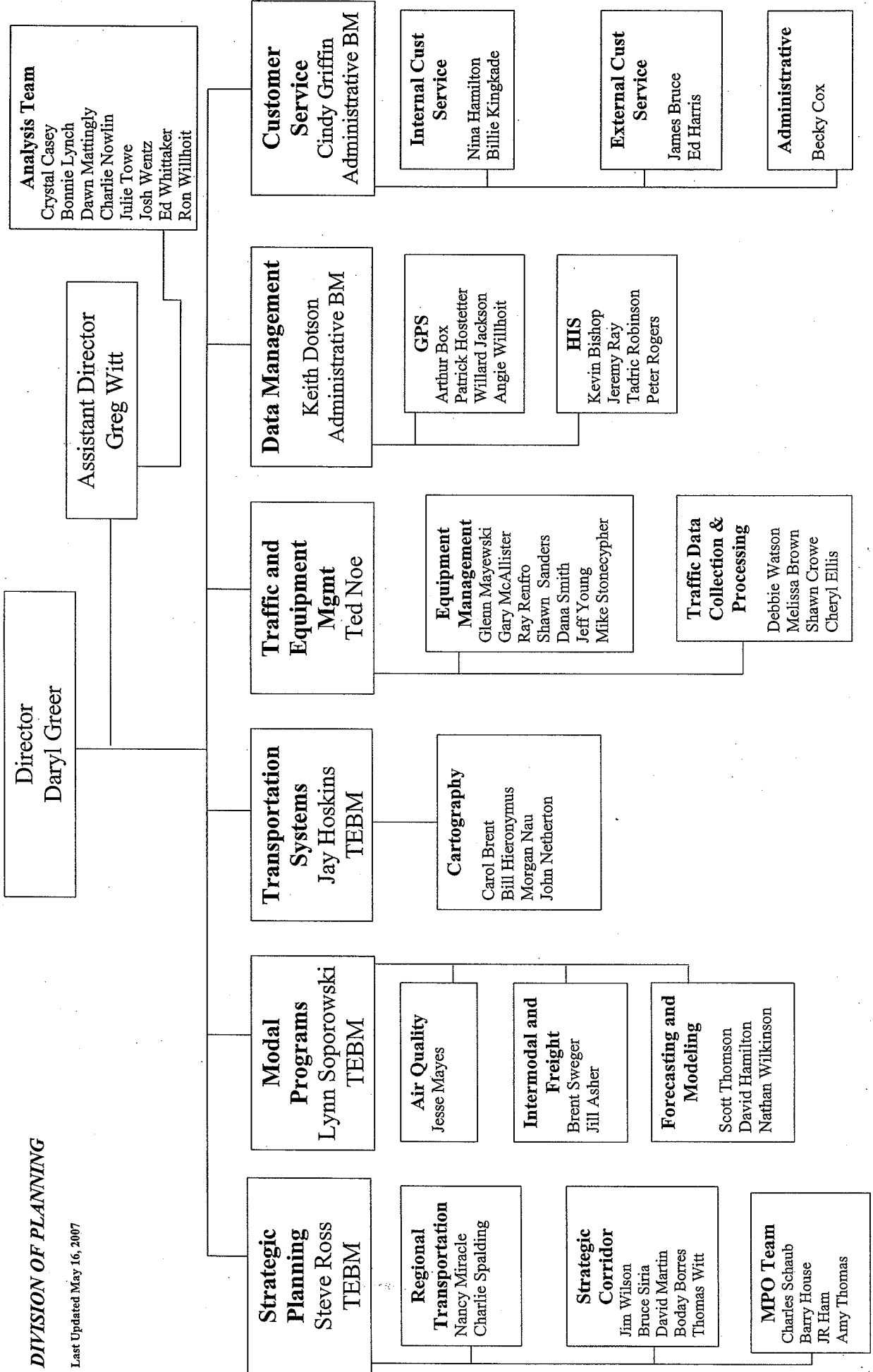
This Planning Program SP 0008 (001) for the period June 16, 2007 to June 15, 2008 is submitted in compliance with the provisions of 23 CFR 420 and describes programs and operations for planning activities in the Kentucky Transportation Cabinet (KYTC). These funds will be administered in accordance with 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.

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 2008 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, 2008. 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 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.

EXHIBIT 1



DIVISION OF PLANNING

Last Updated May 16, 2007

EXHIBIT 3

FHWA FUNDING AVAILABILITY

Status of Funds as of 4/03/2007

FHWA W10A Report

<u>Fund</u>	<u>Code</u>	<u>Unobligated Balance</u>
2% Highway Planning & Research	O810	83,818.02
2% Highway Planning & Research - STEA03	H550	236,572.71
Statewide Planning 2%	L550	10,979,466.07
2% Highway Planning & Research- TEA-21	Q550	1,465,901.20
Total Available SPR		\$12,765,758.00
1% Metropolitan Planning	O850	29,672.75
1 Metropolitan Planning 1.25% Takedown	L450	3,466,948.00
1% Metropolitan Planning - TEA21	Q450	29,266.01
Total Available PL		\$3,525,886.76

**KENTUCKY TRANSPORTATION CABINET
OFFICE OF BUDGET AND FISCAL MANAGEMENT
2006-2008 BIENNIAL BUDGET (HB 380)
FY 2007-08**

Project Budget Unit

FH02 - SPR Planning

State Road Fund	2,152,900.00
Federal Funds	9,384,300.00

Total FH02 Funds **\$11,537,200.00**

FH03 - Metropolitan Planning

State Road Funds	242,500.00
Federal Funds	2,328,300.00

Total FH03 Funds **\$2,570,800.00**

FY 2008 Proposed Research Program Summary

FHWA Funding Availability Unobligated funds as of April 3, 2007

Fund	Code		Balance
Mandatory 25% Studies-HPR	O860	\$	8,362.49
MAND 25%- HPR-STE A 03	H560	\$	211,755.50
Statewide PLAN Mandatory	L560	\$	561,160.00
Mand 25% Studies- HPR- TEA 21	Q560	\$	101,555.41
Total Unobligated Mandatory Studies		\$	882,833.40

Estimated FY 2008 Apportionment

Fund Source	Federal
Interstate Maintenance	\$ 96,084,379.00
National Highway System	\$ 106,616,149.00
Surface Transportation Program	\$ 103,842,592.00
Bridge Replacement & Rehabilitation	\$ 55,075,971.00
Congestion Mitigation & Air Quality	\$ 9,866,523.00
Equity Bonus	\$ 135,558,880.07
Safety	\$ 18,191,127.00
Total	\$ 525,235,621.07
2% Take Down	\$ 10,504,712.42
Estimated Available 2008 Funds - 25% of Take Down	\$ 2,626,178.11

Research Work Program - Part B Estimated Fiscal Year 2008 Expenditures

Program Identity	Federal	State	Total
SPR-Part II Research (85% Allocated)*	\$ 2,232,251.39	\$ 558,062.85	\$ 2,790,314.24
SPR-Part II Research (15% Contingent)	\$ 393,926.72	\$ 98,481.68	\$ 492,408.39
FY 07 Carryover (obligated/ unspent)	\$ 300,800.00	\$ 75,200.00	\$ 376,000.00
Part III B Research		\$ 220,000.00	\$ 220,000.00
Total	\$ 2,926,978.11	\$ 951,744.53	\$ 3,878,722.63

* Includes \$150,000 for NCHRP dues, \$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 2008

MPO AREA	TOTAL FY 2008 PL Funding										TOTAL		FED+ST FUNDING	
	Fed \$	Fed %	State \$	State %	Local \$	Local %	F+S+L=\$	F+S=\$	F+S %	F+S=\$	F+S %	F+S=\$	F+S %	
LOUISVILLE	\$ 945,271	80.00%	\$ 59,079	5.00%	\$ 177,238	15.00%	\$ 1,181,589	\$ 1,004,351	85.00%	\$ 1,004,351	85.00%	\$ 1,004,351	85.00%	
NORTHERN KY	\$ 357,782	80.00%	\$ 22,361	5.00%	\$ 67,084	15.00%	\$ 447,228	\$ 380,143	85.00%	\$ 380,143	85.00%	\$ 380,143	85.00%	
LEXINGTON	\$ 380,873	80.00%	\$ 18,805	3.95%	\$ 76,414	16.05%	\$ 476,091	\$ 399,678	83.95%	\$ 399,678	83.95%	\$ 399,678	83.95%	
HENDERSON	\$ 29,815	80.00%	\$ 1,863	5.00%	\$ 5,590	15.00%	\$ 37,269	\$ 31,678	85.00%	\$ 31,678	85.00%	\$ 31,678	85.00%	
OWENSBORO	\$ 81,112	80.00%	\$ 5,069	5.00%	\$ 15,208	15.00%	\$ 101,390	\$ 86,181	85.00%	\$ 86,181	85.00%	\$ 86,181	85.00%	
ASHLAND	\$ 72,042	80.00%	\$ 4,503	5.00%	\$ 13,508	15.00%	\$ 90,052	\$ 76,545	85.00%	\$ 76,545	85.00%	\$ 76,545	85.00%	
CLARKSVILLE / OAK GROVE	\$ 27,161	80.00%	\$ 1,698	5.00%	\$ 5,093	15.00%	\$ 33,951	\$ 28,858	85.00%	\$ 28,858	85.00%	\$ 28,858	85.00%	
BOWLING GREEN	\$ 65,379	80.00%	\$ 4,086	5.00%	\$ 12,259	15.00%	\$ 81,724	\$ 69,465	85.00%	\$ 69,465	85.00%	\$ 69,465	85.00%	
RADCLIFF-ELIZABETHTOWN	\$ 112,319	80.00%	\$ 4,520	3.22%	\$ 23,560	16.78%	\$ 140,399	\$ 116,839	83.22%	\$ 116,839	83.22%	\$ 116,839	83.22%	
TOTALS	\$ 2,071,753		\$ 121,985	4.71%	\$ 395,954		\$ 2,589,692	\$ 2,193,738		\$ 2,193,738		\$ 2,193,738		
Discretionary for Separate Contract	\$ 120,000	80.00%		0.00%	\$ 30,000	20.00%	\$ 150,000	\$ 120,000	80.00%	\$ 120,000	80.00%	\$ 120,000	80.00%	
PL Base Budget Total	\$ 1,951,753	80.00%	\$ 121,985	5.00%	\$ 365,954	15.00%	\$ 2,439,692	\$ 2,073,738	85.00%	\$ 2,073,738	85.00%	\$ 2,073,738	85.00%	
PL Discretionary Total	\$ 120,000	80.00%		0.00%	\$ 30,000	20.00%	\$ 150,000	\$ 120,000	80.00%	\$ 120,000	80.00%	\$ 120,000	80.00%	

State funds are 5% of formula funds (base budget) only.

Local funds do not flow through the Cabinet.

Discretionary for Separate Contract will be divided into 2 projects in 2 MPO areas.

State does not provide the match for discretionary funds. Match will be provided by the local agencies.

- South Limestone Multimodal Traffic Study

- Glendale Transportation Needs Study

CHAPTER FUNDING SUMMARY

<u>CHAPTER</u>	<u>TITLE</u>	<u>AMOUNT</u>
1	Customer Service	\$99,200
2	Personnel Training	\$410,000
3	Traffic and Equipment Management	\$5,093,200
4	Roadway Systems	\$666,800
5	Cartography	\$813,500
6	Highway Information System	\$1,155,400
7	Highway Network Coordination and Analysis	\$141,900
8	Strategic Corridor Planning	\$517,400
9	Statewide Transportation Planning	\$737,200
10	Metropolitan Planning Organizations	\$564,100
11	Air Quality Conformity Analysis	\$173,600
12	Multimodal Planning and Technical Assistance	\$395,500
13	Congestion, Mobility, and Access Management	\$183,200
14	Traffic Data Forecasting	\$440,000
15	Bicycle and Pedestrian Program	\$146,200
	TOTAL	\$11,537,200

