

INDIANA DEPARTMENT OF TRANSPORTATION

Driving Indiana's Economic Growth

100 North Senate Avenue
Room N955
Indianapolis, Indiana 46204-2216 (317) 232-5292 FAX: (317) 232-1499

Mitchell E. Daniels, Jr., Governor
Karl B. Browning, Commissioner

February 26, 2009

Ms. Marisol R. Simon
Regional Administrator
Federal Transit Administration (FTA)
200 West Adams Street, Suite 320
Chicago, IL 60606

Mr. Robert F. Tally, Jr.
Division Administrator
Federal Highway Administration (FHWA)
575 North Pennsylvania Street, Room 254
Indianapolis, IN 46204

RE: FY2008 - FY2011 Indiana State Transportation Improvement Program (INSTIP) Transit Amendment #21

Dear Administrators;

Please find attached Metropolitan Planning Organization TIP amendments which need to be approved and included into the FY 2008 Indiana Transportation Improvement Program. We will reflect by reference the 2008-2011 federal aid projects covered by this approval in our 2008-2011 INSTIP. The amendment resolution numbers is listed below:

- Area Plan Commission of Tippecanoe County (Lafayette MPO) (Resolution T-09-02)

We have determined that the proposed amendments are: 1) consistent with the transportation plan; 2) the TIP remains fiscally constrained in that federal funding resources are sufficient to support the new or modified projects and 3) conform to state and national air quality standards as required by the Federal Clean Air Act Amendments of 1990.

We request your review and approval of the subject amendment. Please contact me at (317) 232-5292 if you have any questions.

Sincerely,

Larry Buckel
Manager
Office of Transit

CC: Sallie Dell Fahey, Lafayette MPO
Arnee Becker, GLPTC
Stephen Polito, FTA

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

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(765) 423-9154 [FAX]
www.tippecanoe.in.gov/apc

SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

February 19, 2009
Ref. No.: 2009 - 051

April Schwering, ASAP Senior
Planning & Production
INDOT, Room N749
100 North Senate Avenue
Indianapolis, IN 46204-2249

Dear Ms. Schwering:

On February 18, 2009, the Area Plan Commission of Tippecanoe County amended the FY 2009 - 2013 Transportation Improvement Program by Resolution T-09-02. The amendment contains five parts: 1) an enhancement trail project within Prophetstown State Park; 2) a Job Access Reverse Commute grant to continue bus service to Wal-Mart on CR 350S; 3) update the 2009 CityBus capital grant program; 4) update the Local STP funding allocation and obligation information based on INDOT's plan to include project information in the state's biennial budget; and 5) add two INDOT microsurface projects, des numbers 0800831 and 0810387.

Enclosed you will find a signed copy of Resolution T-09-02 and the staff report. The updated TIP pages will be sent at a later date. Please call if you have any questions or need additional information.

Sincerely,



Sallie Dell Fahey
Executive Director

cc Alan Plunkett, District Deputy Commissioner
Mark Albers, Planning Director, Crawfordsville District
Randy Walter, Development Specialist
Joe Spear, Local Program Coordinator
Jodi Coblenz, LPA Manager
Dan Saffen, IDNR
Larry Buckel, Manager - Transit
Marty Sennett, CityBus



Resolution T-09-02

Fiscal Year 2009 TIP Amendments

**The Indiana Department of Natural Resources,
CityBus, APC Staff and
The Indiana Department of Transportation**

**Staff Report
February 11, 2009**

Resolution T-09-02
FY 2009 TIP Amendments

Indiana Department of Natural Resources, CityBus, APC & INDOT

Staff Report
February 11, 2009

BACKGROUND AND REQUEST

Five requests are included in this TIP amendment:

- Indiana Department of Natural Resources (IDNR), a trail project in Prophetstown State Park,
- CityBus, a Job Access Reverse Commute grant to continue service to Wal-Mart on CR 350S,
- CityBus, update its 2009 capital program,
- Area Plan Commission staff, reflect the changes in local STP federal funds based on our submission to INDOT which places projects in various state biennial budgets, and
- INDOT, add two resurfacing projects.

Indiana Department of Natural Resources

IDNR's amendment is for a Transportation Enhancement grant. The funds are from INDOT's enhancement allocation and will be used to extend the Wabash Heritage Trail within Prophetstown State Park. The extensions will be 3.1 miles in length and connect the east end of the existing trail to Pretty Prairie Road (near the Tippecanoe River) and connect the west end to the gate house. Construction is anticipated to begin in 2012. A map showing the location of the proposed trail is attached.

Total cost of the project is \$1,208,518 (federal share \$746,500 and IDNR share \$462,018). Matching funds will come from IDNR sources and the project designation number is 0810383.

CityBus

CityBus started serving Wal-Mart and other businesses along CR 350S on January 3, 2008. The extended service was possible through special federal funds called Job Access Reverse Commute, or JARC funds. The funds allowed CityBus to operate the extended service for one year.

CityBus reapplied for JARC funds to continue the service for a second year; the request was approved by INDOT on October 29, 2008. Total operating cost is \$367,500 with \$183,750 in JARC funds and \$183,750 in local funds derived from passenger fares and local taxes.

CityBus also wants to update its 2009 capital project list. Overall, the total cost does not substantially change; it is just slightly more than what is currently programmed. The updated list includes maintenance equipment, passenger shelters, bus stop signs, CAD/AVL software, replacement access vehicles, and land acquisition and associated costs. It does not include replacement buses. There are also slight changes to the standard yearly requests. The updated list is attached.

Area Plan Commission Staff

The Indiana Department of Transportation (INDOT), with approval of the Federal Highway Administration (FHWA), developed a new strategy to address the expected loss of local federal funds when SAFETEA-LU expires later this year. The new strategy adds specific project information directly into the State's biennial budget and preserves project funding after SAFETEA-LU.

INDOT officials asked each MPO to provide target dates when the federal funds would be obligated. Target dates had to include both month and year, locking in the date when funding can be approved. If the project does not meet the anticipated date and falls into the next biennial budget, the project would have to wait until the following biennial budget for the federal funds. There may be some flexibility for obligating funds within the biennium.

This strategy was presented to all MPOs late last October. INDOT officials set a short deadline and asked that the information be returned by November 7. With the aid of the city and county engineers, the task was accomplished. The following table shows a summary of the changes to current projects using SAFETEA-LU STP funds as well as projected funding for FY 2010 and 2011:

Project	Obligation Date	Phase	STP Amount
Concord Road, Brady to CR350S	Obligated	PE	\$214,772
	Obligated	RW	\$214,820
	August 2009	CN	\$3,886,408
Concord Road & Maple Point Extension	July 2009	RW	\$1,715,000
	January 2011	CN	\$4,800,000
Trail & Greenway Plan	March 2009	ST	\$125,000
Yeager Road	Obligated	PE	\$400,000
	February 2009	RW	\$754,000
	July 2009	RW	\$300,756
	January 2010	CN	\$1,789,474
Tapawingo Extension	Obligated	CN	\$2,056,000
Happy Hollow	March 2009	PE	\$320,000
Cumberland	Will not use federal funds	PE	\$0
Soldiers Home Road	March 2010	PE	\$505,263
Lindberg Road	Will not use federal funds	PE	\$0
Cumberland Extension	Obligated	PE	\$422,268
	Obligated	RW	\$168,421
McCarthy Lane	August 2009	CN	\$5,873,443
Intramural Drive	January 2009	RW	\$447,032
US 231	April 2010	CN	\$2,696,349
US 52 West Study	December 2008	ST	\$200,000
Railroad Street	Obligated	CN	\$510,400

Additionally, STP funds were redistributed for the following situations:

- 1) The City of West Lafayette decided to use nonfederal funding for Lindberg Road (preliminary engineering) and Cumberland Avenue (preliminary engineering). The federal funds allocated to these projects were programmed into the right-of-way phase of Yeager Road.
- 2) The federal funds set aside under our adopted change order policy (5%) for 2010 and 2011 were reallocated. The amount, \$382,000 was distributed by percentage over the five requests (Concord & Maple Point, Yeager PE, Yeager RW, Soldiers Home Road and Cumberland Extension).
- 3) The balance of federal funds not obligated for a completed project or phase were reallocated. The balance for the Tapawingo project (construction phase) was added to the Yeager Road right-of-way phase. The balance in the Concord Road project (preliminary engineering phase) was added to that project's right-of-way and construction phases.

Indiana Department of Transportation

INDOT's request includes two resurfacing projects. One is on SR 43 from approximately SR 225 north into White County. The other is on SR 28 from the east junction of US 52 into Clinton County. These sections of SR 43 and SR 28 were most recently resurfaced in 2000 and 2001 respectively.

Total construction cost of the SR 43 project, Des # 0800831, is \$490,000 (federal share \$392,000 and state share \$98,000). The total construction cost of the SR 28 project, Des # 0810387, is \$220,500 (federal share \$176,400 and state share \$44,100). Both projects are expected to begin in FY 2009.

The Technical Transportation Committee reviewed the requests at its January 21, 2009 meeting and recommended their inclusions in the FY 2009 TIP.

The Administrative Committee will review the requests at its February 17, 2009 meeting.

STAFF RECOMMENDATION:

Approval of these amendments to the FY 2009 Transportation Improvement Program by adopting the attached Resolution T-09-02 pending a favorable recommendation from the Administrative Committee.

**SECTION 5307 CAPITAL – JUSTIFICATION & SUMMARY FOR 2009
CAPITAL EXPENDITURES**

1. REPLACEMENT BUS TIRES - \$50,000

With over 1.5 million miles of service operated on annual basis and mileage scheduled to increase due to service needs in the community and the Purdue University service area, this request constitutes replacement of tires on approximately 50% of the full size coaches. Six tires are required for each bus. The expected life of the tires is over one (1) year considering the average mileage occurring on each bus annually. Budgeted amount for tires for each unit is \$1,665. The total budget for tires is \$50,000.

2. BUS OVERHAUL

A. Rebuild up to two (2) Bus Engines - \$22,500

Based on 2008 and similar experience in previous years, CityBus anticipates the need for up to two (2) engine rebuilds in 2009 at an average cost of \$11,250 each (\$50,000 each new).

B. Rebuild up to four (4) Bus Transmissions - \$22,500

Based on 2008 and similar experience in previous years, CityBus anticipates the need for up to four (4) transmission rebuilds. Estimated average cost of each transmission is \$5,625.

C. Rebuild up to four (4) Turbo Charge units - \$4,000

Based on 2008 and similar experience in previous years, CityBus anticipates the need for up to four (4) units to be rebuilt in FY 2009. Estimated average cost of each unit rebuild is \$1,000 per unit (\$1,200 new) for a total cost of \$4,000.

D. Rebuild up to five (5) Charge Air Coolers - \$4,000

Based on 2008 and similar experience in previous years, CityBus anticipates the need for up to five (5) Charge Air Coolers. Estimated average cost of each unit rebuild is \$800 (\$900 new) for a total budgeted cost of \$4,000.

E. Rebuild up to eight (8) Alternators - \$8,000

Based on 2008 and similar experience in previous years, CityBus anticipates the need for up to eight (8) Alternators. Estimated average cost of each unit rebuild is \$1,000 (\$2,000 new) for a total budgeted cost of \$8,000.

F. Rebuild or replace up to four (4) Electronic Control Modules - \$4,000

Based on 2008 and similar experience in previous years, CityBus anticipates the need for up to four (4) Electronic Control Modules. Estimated average cost of each unit rebuild is \$1,000 (\$2,000 new) for a total budgeted cost of \$4,000.

G. Rebuild up to two (2) Caps Fuel Pumps - \$4,000

Based on 2008 and similar experience in previous years, CityBus anticipates the need to rebuild up to two (2) Caps Fuel Pumps. Estimated average cost of each unit rebuild is \$2,000 (\$3,000 new) for a total budgeted cost of \$4,000.

3. MAINTENANCE EQUIPMENT - \$5,000

Some maintenance equipment is in need of replacement, and due to new technology, some new equipment is needed to complete the varied types of repairs encountered by technicians. The proposed budget for this line item is \$5,000.

4. PASSENGER SHELTERS - \$15,000

The need exists for additional shelters on the campus routes where large groups of riders are waiting for the bus and in areas of Lafayette where new routing has occurred. The total budgeted cost will include purchase and installation for approximately \$15,000.

5. BUS STOP SIGNS - \$30,000

The route changes that have occurred and that will occur require an investment in route signage equipment in many areas of the cities. In addition, CityBus has tried to improve the information displayed and increase the signage for the passengers. Total budgeted for signs and installation is \$30,000.

6. CAD/AVL SOFTWARE UPGRADE - \$400,000

CityBus has determined that the present software for CAD/AVL (Computer Aided Dispatch and Automatic Vehicle Location) has proven unresponsive at critical junctures, maintenance contracts have become unaffordable and long turnaround times and ongoing maintenance costs for replacement bus units and computer hardware cannot be supported in the long term. Replacement software will be installed in the Dispatch office, and related onboard units on all fixed route buses. The proposed budget for this line item is \$400,000.

7. REPLACEMENT ACCESS VEHICLES - \$150,000

The need exists for replacement/addition of two (2) demand response (Access) vehicles. Vehicles #434 (1994) and #436 (2002) have exceeded the requirements of FTA Circular 9030.1A in terms of age for replacement. The total budgeted cost will be \$150,000.

8. SUPPORT VEHICLE REPLACEMENT - \$30,000

CityBus needs a replacement for the 2003 Ford van used by operations for shuttling drivers to downtown. This vehicle has exceeded the requirements of FTA Circular 9030.1A in terms of age for replacement. The proposed budget for this line item is \$30,000.

9. COMPUTER HARDWARE AND SOFTWARE UPGRADES - \$30,000

A continuous investment must be made in up-to-date computer technology for administrative and maintenance employees. Many computer systems need to be replaced or updated every two or three years in order for employees and systems to operate efficiently and effectively. Estimated cost is \$30,000.

10. LAND ACQUISITION & ASSOCIATED COSTS & DESIGN - \$749,300

CityBus has determined that it will be necessary to acquire land for long-term expansion. The land will be used to construct the transfer facility. The transfer facility will provide a full saw toothed design for better accessibility with people who are visually impaired. The new design will also improve on-time performance. Buses will be able to leave the terminal independently and not be held up by other buses waiting for a transfer. The budgeted purchase cost to include property appraisals, an environmental assessment and other NEPA requirements along with a Section 106 review of the property. The proposed budget for this line item is \$749,300.

RESOLUTION T-09-02
RESOLUTION TO AMEND THE
FY 2009 TRANSPORTATION IMPROVEMENT PROGRAM

WHEREAS, the Area Plan Commission of Tippecanoe County (APC) acting as the Metropolitan Planning Organization, is responsible for transportation planning in Tippecanoe County, and

WHEREAS, the Area Plan Commission of Tippecanoe County, acting as the Metropolitan Planning Organization, is responsible for developing and maintaining the Transportation Improvement Program, and

WHEREAS, the Indiana Department of Natural Resources, CityBus, APC staff and the Indiana Department of Transportation requested changes to the FY 2009 Transportation Improvement Program as follows:

IDNR, INDOT & CityBus Projects:

<u>Project and Description</u>	<u>Phase</u>	<u>Year</u>	<u>Federal Funds</u>	<u>Federal Share</u>	<u>Local Share</u>	<u>Total Cost</u>
Wabash Heritage Trail 3.1 miles of trail within Prophetstown State Park	CN	'12	Enhancement	\$746,500	\$462,018	\$1,208,518
Extended Service - 350S	OP	'09	JARC	\$183,750	\$183,750	\$367,500
CY 2009 Capital Projects	CA	'09	5307	\$1,222,640	\$305,660	\$1,528,300
SR 43, Des # 0800831 Microsurface, SR 225 north into White County	CN	'09	State Fed. \$	\$392,000	\$98,000	\$490,000
SR 28, Des # 0810387 Microsurface, East junction of US 52 into Clinton County	CN	'09	State Fed. \$	\$176,400	\$44,100	\$220,500

Updated Project Information:

<u>Project</u>	<u>Obligation Date</u>	<u>Phase</u>	<u>STP Amount</u>
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WHEREAS, the Technical Transportation Committee reviewed the request at its January 21, 2009 meeting and recommended their inclusion in the FY 2009 Transportation Improvement Program, and

WHEREAS, the Administrative Committee reviewed the request at its February 17, 2009 meeting and recommended their inclusion in the FY 2009 Transportation Improvement Program.

NOW THEREFORE BE IT RESOLVED that the Area Plan Commission of Tippecanoe County, acting as the Metropolitan Planning Organization, hereby adopts these amendments to the FY 2009 Transportation Improvement Program for Tippecanoe County.

ADOPTED on Wednesday, the 18th of February, 2009.

President, APC
David R. Williams

Secretary
Sallie Dell Fahey

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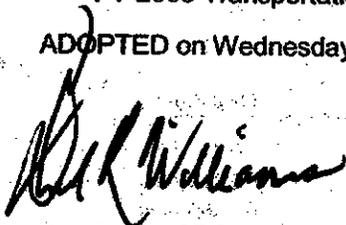
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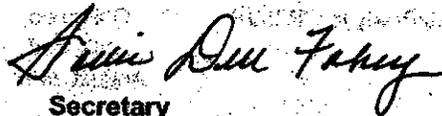
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