



INDIANA DEPARTMENT OF TRANSPORTATION

Driving Indiana's Economic Growth

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Mitchell E. Daniels, Jr.,
Governor
Michael W. Reed, Commissioner

February 23, 2010

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: FY2010 - FY2013 Indiana State Transportation Improvement Program (INSTIP) Transit Amendment # 2

Dear Administrators;

Please find attached a Metropolitan Planning Organization TIP amendment which needs to be approved and included into the FY 2010 Indiana Transportation Improvement Program. We will reflect by reference the 2010–2014 federal aid projects covered by this approval in our 2010-2013 INSTIP. The amendment is for the Lafayette MPO and the resolution number is Resolution T-10-01 (I have also included the staff report for your information). The revised projects are for Section 5307 funds and TIGGER funds. The projects are listed below:

Section 5307

Project Description	Federal Share	Local Share	Total Cost
Replacement Tires	\$40,000	\$10,000	\$50,000
Rebuild Engines (2)	\$18,000	\$4,500	\$22,500
Rebuild Transmissions	\$18,000	\$4,500	\$22,500
Rebuild Major Components	\$19,200	\$4,800	\$24,000
Maintenance Equipment	\$4,000	\$1,000	\$5,000
Passenger Shelters	\$12,000	\$3,000	\$15,000
Passenger Shelter Lighting	\$50,000	\$12,500	\$62,500
Computer Hardware/Software	\$48,000	\$12,000	\$60,000
Rehabilitate Office and IT Areas	\$16,000	\$4,000	\$20,000
Rehabilitate Maintenance Area	\$3,200	\$800	\$4,000
Bus Parking Area Renovation	\$80,000	\$20,000	\$100,000
Two Replacement Trolley Buses	\$360,000	\$90,000	\$450,000
One Replacement Fixed Route Bus	\$494,000	\$123,500	\$617,500
Total	\$1,162,400	\$290,600	\$1,453,000

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TIGGER

Project Description	Federal Share	Local Share	Total Cost
Windmills	\$2,180,000	\$0	\$2,180,000
Total	\$2,180,000	\$0	\$2,180,000

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
Steve Polito, FTA
Andy Minyo, FTA
Marty Sennett, GLPTC

Resolution T-10-01

RESOLUTION TO AMEND THE
FY 2010 - 2014 TRANSPORTATION IMPROVEMENT PROGRAM

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

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

WHEREAS, the Greater Lafayette Public Transportation Corporation (GLPTC), also known as CityBus, has requested changes to the FY 2010 – 2014 Transportation Improvement Program as follows:

<u>Project</u>	<u>Federal Funding</u>	<u>Federal Share</u>	<u>Local Share</u>	<u>Total Cost</u>
2010 Capital Projects	Section 5307	\$1,162,400	\$290,600	\$1,468,000
Windmills	TIGGER (ARRA)	\$2,180,000	\$0	\$2,180,000

WHEREAS, the Technical Transportation Committee reviewed the requests at its January 20, 2010 meeting and recommended their inclusion in the FY 2010-2014 Transportation Improvement Program, and

WHEREAS, the Administrative Committee reviewed the requests at its February 8, 2010 meeting and recommended their inclusion in the FY 2010-2014 Transportation Improvement Program, and

NOW THEREFORE BE IT RESOLVED that the Area Plan Commission of Tippecanoe County, acting in its capacity as the Metropolitan Planning Organization, hereby adopts these amendments to the FY 2010-2014 Transportation Improvement Program for Tippecanoe County.

ADOPTED on Wednesday, the 17th of February 2010.


Carl D. Griffin
President, APC


Sallie Dell Fahey
Secretary

Resolution T-10-01
Fiscal Year 2010 - 2014
Transportation Improvement Program

Staff Report
February 11, 2010

BACKGROUND AND REQUEST:

CityBus requests an amendment to revise its list of capital projects and program a Transit Investment Greenhouse Gas and Energy Reduction grant.

2010 Capital Project List

CityBus staff recently reviewed its 2010 capital project list and made significant changes in both individual project items and costs. The total cost decreased by \$115,386 to \$1,465,800 because of better cost estimates based on current information. Specific project justification is attached.

Although the total amount decreased, the number of projects increased from seven to thirteen. New items in the list include: maintenance equipment, passenger shelters, rehabilitation of office and IT room, rehabilitation of maintenance area, bus parking area renovation, and the purchase of replacement trolley replicas.

Changes to existing projects include: reducing the number of fixed route replacement buses from three to one; rebuilding two engines instead of five, rebuilding four transmissions instead of three, and a slight increase in cost for both replacement tires and passenger shelter lighting. No projects from the initial list were removed.

Summary of Updated Project List:

<u>Project</u>	<u>Federal Share</u>	<u>Local Share</u>	<u>Total Cost</u>
Replacement Tires	40,000	10,000	50,000
Rebuild Engines (2)	18,000	4,500	22,500
Rebuild Transmissions (4)	18,000	4,500	22,500
Rebuild Major Components	19,200	4,800	24,000
Maintenance Equipment	4,000	1,000	5,000
Passenger Shelters	12,000	3,000	15,000
Passenger Shelter Lighting	50,000	12,500	62,500
Computer Hardware/Software Upgrades	48,000	12,000	60,000
Rehabilitate Office and IT Areas	16,000	4,000	20,000
Rehabilitate Maintenance Area	3,200	800	4,000
Bus Parking Area Renovation	80,000	20,000	100,000
Two Replacement Trolley Buses	360,000	90,000	450,000
One Replacement Fixed Route Bus	<u>494,000</u>	<u>123,500</u>	<u>617,500</u>
Total	1,162,400	290,600	1,468,000

TIGGER Grant

CityBus has been awarded \$2,180,000 in special federal funds for a wind energy project. The funding program is called Transit Investments for Greenhouse Gas and Energy Reduction, or TIGGER. These are discretionary funds from the American Recovery and Reinvestment Act of 2009 (ARRA) to assist public transit agencies reduce energy consumption or greenhouse gas emissions. \$100 million was allocated for TIGGER nationwide; only capital investments are eligible. Of the 224 applications submitted, only 43 were selected.

The CityBus project is for the purchase and installation of up to four box style windmills. CityBus estimates that the energy generated will significantly reduce the amount of electricity they purchase.

This request is only for inclusion into the TIP and must still meet local zoning and building requirements.

Committee Actions

The Technical Transportation Committee reviewed the requests at its January 20, 2010 meeting and recommended to APC their inclusion in the FY 2010-2014 TIP.

The Administrative Committee reviewed the requests at its February 8, 2010 meeting and recommended to APC their inclusion in the FY 2010-2014 TIP.

STAFF RECOMMENDATION:

Approval of these amendments to the FY 2010-2014 Transportation Improvement Program by adoption of the attached Resolution T-10-01.

Resolution T-10-01

RESOLUTION TO AMEND THE
FY 2010 - 2014 TRANSPORTATION IMPROVEMENT PROGRAM

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Carl D. Griffin
President, APC

Sallie Dell Fahey
Secretary

SECTION 5307 CAPITAL EXPENDITURES JUSTIFICATION & SUMMARY FOR 2010

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 2009 and similar experience in previous years, CityBus anticipates the need for up to two (2) engine rebuilds in 2010 at an average cost of \$11,250 each (\$50,000 each new).

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

Based on 2009 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 2009 and similar experience in previous years, CityBus anticipates the need for up to four (4) units to be rebuilt in FY 2010. 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 2009 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 2009 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 2009 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 2009 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. PASSENGER SHELTER LIGHTING - \$62,500

Two passenger shelters are located across from a large apartment complex and many passengers board and deboard . The location is dark in the early morning and evening, making the area a security problem at those times of the day. CityBus would like to install lighting appropriate for the area. The budgeted cost for the project is \$62,500.

6. REHAB OFFICE AND IT ROOM - \$20,000

CityBus has determined that the present area where the hardware for CAD/AVL (Computer Aided Dispatch and Automatic Vehicle Location) system is located is in serious need of rehab. The current area contains the CAD/AVL System and records storage. The area does not have the proper climate control and clean air control necessary. In addition, the front office requires renovation to make the receptionist area more usable and secure for incoming traffic. The proposed budget for this line item is \$20,000.

7. REHAB MAINTENANCE AREA - \$4,000

The need exists to renovate a maintenance room that contains the main air compressor for the building. The air compressor generates so much heat in the summer requiring additional ventilating equipment to be installed. The total budgeted cost will be \$4,000.

8. BUS PARKING AREA W/ FENCE AND ELECTRICAL - \$100,000

CityBus needs additional parking area for buses with electrical to park buses overnight in the winter to maintain good starting ability in the morning in cold weather. Currently the adjacent area is unpaved and the city requires all parking areas to be paved for parking. The proposed budget for this line item is \$100,000.

9. COMPUTER HARDWARE AND SOFTWARE UPGRADES - \$60,000

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 \$60,000.

10. PURCHASE OF TWO (2) REPLICA TROLLEY BUSES - \$450,000

CityBus has determined that it will be necessary to replace two 1995 NEW FLYER buses with trolley buses. The current trolley route is run with two trolley buses and three buses are necessary and a spare for preventative maintenance down time. It is important to have an identifiable transit vehicle for the passenger and purchasing two replica trolley buses would provide the proper type and number of vehicles. The buses being replaced are over 12 years in age, and meet the guidelines outlined by FTA Circular 9030.1A. The buses being replaced are # 366 and # 367; they were manufactured by NEW FLYER in 1995. The proposed budget for this line item is \$450,000.

11. FIXED ROUTE BUS PURCHASE - \$617,500

Because of the age and condition of the current buses in the fleet, CityBus desires to replace one (1) full size 35' transit bus with one (1) 40' Hybrid transit bus. The bus being replaced is over 12 years in age, and meets the guidelines outlined in FTA Circular 9030.1A. The bus being replaced is # 368. It was manufactured by NEW FLYER in 1995. The proposed budget for this line item is \$617,500.