DEPARTMENTAL BUDGET INFORMATION DEPARTMENT OF TRANSPORTATION (20)

## STATEMENT OF PURPOSE

The Detroit Department of Transportation mission is to provide public transit services that are reliable, clean, customer focused, fiscally responsible, safe and secure for metropolitan Detroit area residents.

## DESCRIPTION

The Department of Transportation operates the bus system in the City of Detroit with a fleet of 500 coaches.

DDOT is the largest transit provider in the State of Michigan operating over 1,200 miles of routes and providing service to over 41 million passengers annually.

DDOT's primary facilities include the Central Shop, which is located at 1301 East Warren, and includes an administration building, a heavy repair facility, and plant maintenance building. DDOT also maintains three other satellite terminals with light repair garages and storage bays. During FY2010, DDOT will have a premier opening of the Rosa Park Transit Center.

DDOT's active fleet consists of 500 fixedroute coaches, which serves 48 bus routes in the City of Detroit. The department maintains approximately 6,000 bus stops and 175 bus shelters.

DDOT provides ADA (Americans with Disabilities Act) complementary paratransit services for the elderly and disabled through Detroit Metrolift. Detroit MetroLift operates approximately 47 lift-equipped paratransit vehicles and provides service to more than 650 passengers per day.

Additionally, DDOT provides administrative services to the Detroit Transportation Corporation (DTC), operator of the Detroit People Mover.

## MAJOR INITIATIVES FOR FY 2008-09

DDOT's priority is to provide reliable, clean, safe, and customer focused transit services. DDOT is continuing the departmental reorganization that began in 2007-08 emphasizing: scheduling, operations, and maintenance efficiencies; cost savings; customer service; and increasing ridership and revenues.

The Strategic Planning Division has drafted DDOT's first Five-Year Service Plan. This plan is a blueprint to guide DDOT's recommended service initiatives. It addresses transit issues and provides solutions to meet customer needs and expectations. The production of schedules that ensure efficient and reliable transportation service to area residents is a continuing major initiative for the division. The emphasis will be on meeting customer demand during peak service hours (e.g., rush hour). Service monitoring and Automated Vehicle Locator (AVL) technology will enable improved service planning and route design. The Strategic Planning Division has been diligently working on the implementation stage of the Woodward Light Rail Project. The line will consist of eight miles of light rail from downtown to the Michigan State Fairgrounds The Operations Division has implement a new Transportation Operations System (TOS) that will improve the reliability of scheduled service by monitoring check-in, pull-out, and pull-in processes for Transportation Equipment Operators (TEO). In addition, Operations efforts will be focused on increasing the number of TEOs available to meet customer demand. Vehicle Maintenance is implementing an Enterprise Asset Management System, which will enable better management of vehicle .service by monitoring check-in, pull-out,

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and pull-in processes for Transportation Equipment Operators (TEO). In addition, Operations efforts will be focused on increasing the number of TEOs available to meet customer demand. Vehicle Maintenance is implementing an Enterprise Asset Management System, which will enable better management of vehicle maintenance and inventory. Training will be provided to mechanics to attain certification in transit vehicle repair. Vehicle Maintenance focus will be on ensuring vehicles are repaired timely and are available to meet customer demand for service.

Cost savings will be attained through better processes to reduce wasteful overtime in all areas of the department. Improved inventory management will reduce obsolescence costs and waste. Inventory storerooms have been consolidated to increase efficiency and reduce costs. Multifunctional equipment has been in use during this fiscal year to replace fax machines, printers and copiers to reduce maintenance and supply costs. DDOT's Risk Management will be expanded to mitigate safety risks, review claims, and work to recover damages from parties at fault (e.g., insurance subrogation). DDOT will restructure the ADA-Paratransit service to ensure better service for eligible clients, while also reducing costs.

DDOT has adding new pass sales outlets for the convenience of our customers. The riding public will be able to purchase bus passes twenty-four hours a day seven days a week. In addition, DDOT will offer longer hours of operation (9:00 am to 9:00 pm) for sales at the new Rosa Parks Transit Center. Further, products available through DDOT's on-line store will be expanded. New fare media has been introduced in 2008 such as a
five-day pass that starts when the passenger first uses the pass and the $\$ 10$ Dollar Stored Value Card which allows passengers to prepay and have the fee deducted when they actually ride. DDOT also has initiated partnerships with local colleges; increasing the pass sales available to students on their campuses. The focus of pass sales is to bring the passes to the customer, expedite transportation boarding and to improve schedule adherence.

In 2008-09 DDOT's farebox revenue accuracy has improved since the installation of the new fareboxes. That trend is expected to continue in 2009-10. The addition of transit police to make transportation safer and more reliable service, are contributing to more passengers and increased revenues. DDOT projects annual farebox revenues to increase to $\$ 30$ million in 2008-09 with a $3 \%$ increase for 2009-10.

The new Rosa Parks Transit Center will provide a central transit location for passenger convenience that will include passenger information, and the sales of passes. During 2008-09 bus stops will have new signage and supplemental route information that will better serve customers. DDOT will expand its marketing and customer service activities to bring transit information and services to the customer. DDOT will conduct quarterly operational audits to address passenger complaints and ensure optimal customer service. Passengers will continue see more reliable bus service in 2009-10.

DDOT is utilizing grant funding for capital projects such as the Rosa Parks Transit Center and facility improvements that will improve the work environment, productivity, and service reliability. In

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2008-09, DDOT will use grant funds to purchase 50 new buses.

Revenue initiatives include the following:

- Application for $\$ 46$ million in grants for 2008-2009.
- Enhance on-line (Internet) store for pass sales.
- Increase ridership by meeting customer demand and providing more reliable service.
- Increase ridership and revenue by providing express and limited stop routes.
- Develop new fare media (e.g., stored value cards) to increase farebox revenue and customer convenience.
- Increase pass and fare media sales outlets to include locations open 24 hours per day and seven days a week.
- Promote and advertise transportation services and programs.
- Lease/Concession/Advertising revenue from retail space at the Rosa Parks Transit Center.

Costs saving initiatives include the following:

- Reduce planned schedule changes to improve customer reliability
- Reduce maintenance downtime costs by adding a production planner and schedulers to coordinate the simultaneous availability of coaches, parts, and materials.
- Restructure inventory to include consolidation of the storerooms to reduce costs and ensure parts and material availability for maintenance when needed.
- Expansion of DDOT's risk management to mitigate safety risks and review
workers compensation and long-term disability claims.
- Pursue claims against those causing damage to DDOT buses and property to include insurance subrogation.
- Perform midlife overhauls of older buses to improve service reliability.
- Increase preventative maintenance efforts to reduce equipment failures.
- Facility improvements such as new HVAC equipment, which will reduce maintenance, heating and electricity costs.
- Fuel savings from new Posi Lock system and HVAC equipment that will reduce fuel spillage and bus warm up time.
- Increased and improved safety training for TEOs to reduce accidents.
- Increased and improved mechanic training to attain certification and improve maintenance productivity.
- Continue to improve work processes to reduce waste and inefficiencies.
- Continuation of pre-employment screening program to upgrade entry level requirements and improve employee retention.
- Restructure ADA-Paratransit Program to improve service and reduce costs.
- Revise the Budget monitoring process to breakdown the Budget by units/cost centers and hold managers accountable for meeting budgeted labor hours and other budgeted parameters (e.g., X number of brake jobs).


## PLANNING FOR THE FUTURE FOR FY 2009-10, FY 2010-11 and BEYOND

 DDOT buses will operate out of the new Rosa Parks Transit Center located at the corner of Michigan and Cass in 2008-2009. DDOT will improve its strategic planning to include long term operating and capital plans. The plans will focus on clean,reliable, safe, and customer-focused transit services for DDOT's service area. DDOT will be working on improving transit options to include rapid transit and express service linking Downtown, New Center, neighborhoods and points beyond. DDOT in support of its mission to provide safe and secure transit services throughout the city will take proactive measures that will improve the overall safety and security of DDOT's operations and services.


## PERFORMANCE GOALS, MEASURES AND TARGETS

## ADMINISTRATION MEASURES AND TARGETS

| Type of Performance Measure: List of Measures | $\begin{gathered} \hline \hline \text { 2006-07 } \\ \text { Actual } \end{gathered}$ | $\begin{gathered} \hline \hline \text { 2007-08 } \\ \text { Actual } \\ \hline \end{gathered}$ | $\begin{gathered} \hline 2008-09 \\ \text { Projection } \\ \hline \end{gathered}$ | $\begin{gathered} \hline \hline \text { 2009-10 } \\ \text { Target } \\ \hline \hline \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: |
| Inputs: Resources Allocated or Service Demands Made Firms certified DBE | 89 | 119 | 119 | 130 |
| Outputs: Units of Activity directed towards goals Workers' Comp (WC) cases | 89 | 84 | 80 | 75 |
| Outcomes: Results or Impacts of Program Activities Number wheelchair bound passengers served | 9,013 | 11,756 | 12,180 | 13,740 |
| Efficiency: Program Costs related to Units of Activity <br> Service efficiency: operating expense per revenue mile Cost effectiveness: operating expense per passenger trip Ratio of WC, LTD, S\&A/total employees <br> Administration overtime Farebox recovery percent of budgeted revenue Other non-governmental sources of revenue | $\begin{array}{r} \$ 12.22 \\ \$ 4.83 \\ 15.26 \% \\ \$ 327,026 \\ 13.67 \% \\ \$ 1,216,598 \end{array}$ | $\begin{array}{r} \$ 11.78 \\ \$ 4.87 \\ 15.00 \% \\ \$ 204,586 \\ 16.41 \% \\ \$ 1,910,317 \end{array}$ | $\begin{array}{r} \$ 11.85 \\ \$ 4.14 \\ 15.00 \% \\ \$ 134,064 \\ 16.47 \% \\ \$ 1,535,000 \end{array}$ | $\begin{array}{r} \$ 11.33 \\ \$ 3.95 \\ 14.70 \% \\ \$ 122,064 \\ 17.01 \% \\ \$ 1,765,000 \end{array}$ |

PLANT MAINTENANCE AND CONSTRUCTION'S MEASURES AND TARGETS

| Type of Performance Measure List of Measures | 2006-07 Actual | 2007-08 <br> Actual | 2008-09 <br> Projection | $2009-10$ Target |
| :---: | :---: | :---: | :---: | :---: |
| Outputs: Units of Activity directed toward Goals Number service calls per month Plant Maintenance overtime | $\begin{array}{r} 625 \\ \$ 1,343,785 \end{array}$ | \$ $\begin{array}{r}650 \\ \text { S }\end{array}$ | $\begin{array}{r} 625 \\ \$ 1,500,000 \end{array}$ | 700 $\$ 792,000$ |

VEHICLE MAINTENANCE MEASURES AND TARGETS

| Type of Performance Measure: List of Measures | 2006-07 Actual | $\begin{gathered} \hline \hline \text { 2007-08 } \\ \text { Actual } \end{gathered}$ | $\begin{gathered} \text { 2008-09 } \\ \text { Projection } \end{gathered}$ | $\begin{gathered} \hline \hline \text { 2009-10 } \\ \text { Target } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: |
| Outputs: Units of Activity directed towards Goals Vehicle maintenance overtime (wages) | \$5,145,995 | \$5,234,120 | \$3,900,000 | \$3,500,000 |
| Outcomes: Results or Impacts of Program Activities Number miles between road calls | 3,958 | 4,200 | 4,600 | 5,060 |
| Efficiency: Program Costs related to Units of Activity Maintenance cost per passenger | \$1.68 | \$1.78 | \$1.46 | \$1.43 |

## TRANSPORTATION MEASURES AND TARGETS

| Type of Performance Measure: List of Measures | 2006-07 Actual | 2007-08 Actual | $\begin{gathered} \hline 2008-09 \\ \text { Projection } \end{gathered}$ | $\begin{gathered} \hline \hline \text { 2009-10 } \\ \text { Target } \\ \hline \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: |
| Outputs: Units of Activity directed towards Goals |  |  |  |  |
| Miles operated | 18,018,154 | 18,198,916 | 18,000,000 | 18,000,000 |
| Number of passengers | 35,204,863 | 35,204,877 | 41,075,000 | 43,000,000 |
| Actual vehicle revenue miles | 14,918,836 | 15,152,461 | 15,000,000 | 15,000,000 |
| Actual vehicle revenue hours | 1,167,230 | 1,191,017 | 1,167,230 | 1,200,000 |
| Number of miles between accidents (collisions) | 29,212 | 31,984 | 32,727 | 30,000 |
| Efficiency: Program Costs related to Units of Activity |  |  |  |  |
|  |  |  |  |  |
| TEO (driver) overtime | \$6,556,890 | \$8,129,923 | \$6,800,000 | \$6,000,000 |
| Operations Division cost per passenger trip | \$ 2.69 | \$ 2.13 | \$ 1.80 | \$ 1.71 |
| Passengers per revenue mile | 2.36 | 2.32 | 2.74 | 2.87 |
| Passengers per revenue hour | 30.16 | 29.56 | 34.23 | 39.09 |

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## EXPENDITURES

|  |  | 2007-08 <br> Actual <br> Expense |  | 2008-09 <br> Redbook |  | $\begin{gathered} \text { 2009-10 } \\ \text { Mayor's } \\ \text { Budget Rec } \\ \hline \end{gathered}$ |  | Variance | Variance <br> Percent |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Salary \& Wages | \$ | 67,858,904 | \$ | 67,798,367 | \$ | 66,422,440 | \$ | $(1,375,927)$ | -2\% |
| Employee Benefits |  | 40,974,209 |  | 48,221,929 |  | 45,086,011 |  | $(3,135,918)$ | -7\% |
| Prof/Contractual |  | 22,789,217 |  | 10,834,865 |  | 8,011,999 |  | $(2,822,866)$ | -26\% |
| Operating Supplies |  | 34,512,919 |  | 22,060,103 |  | 20,570,722 |  | $(1,489,381)$ | -7\% |
| Operating Services |  | 18,744,452 |  | 26,308,181 |  | 26,934,270 |  | 626,089 | 2\% |
| Capital Equipment |  | 1,813,471 |  | - |  | - |  | - | 0\% |
| Capital Outlays |  | 20,423,165 |  | - |  | - |  | - | 0\% |
| Fixed Charges |  | 7,077,329 |  | 2,207,173 |  | 6,634,828 |  | 4,427,655 | 201\% |
| Other Expenses |  | 6,703,519 |  | 6,537,976 |  | 6,537,976 |  | - | 0\% |
| TOTAL | \$ | 220,897,185 | \$ | 183,968,594 | \$ | 180,198,246 | \$ | (3,770,348) | -2\% |
| POSITIONS |  | 1,498 |  | 1,523 |  | 1,524 |  | 1 | 0\% |

## REVENUES

|  |  | 2007-08 <br> Actual <br> Revenue |  | 2008-09 <br> Redbook |  | 2009-10 <br> Mayor's <br> Budget Rec |  | Variance | Variance Percent |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Rev from Use of Assets | \$ | 1,703,691 | \$ | 1,435,000 | \$ | 1,765,000 | \$ | 330,000 | 23\% |
| Grants/Shared Taxes |  | 48,233,276 |  | 11,285,500 |  | 12,000,000 |  | 714,500 | 6\% |
| Sales \& Charges |  | 82,554,722 |  | 82,302,628 |  | 82,037,130 |  | $(265,498)$ | 0\% |
| Contrib/Transfers |  | 85,405,271 |  | 88,885,466 |  | 84,296,116 |  | $(4,589,350)$ | -5\% |
| Miscellaneous |  | 6,443,603 |  | 60,000 |  | 100,000 |  | 40,000 | 67\% |
| TOTAL | \$ | 224,340,563 | \$ | 183,968,594 | \$ | 180,198,246 | \$ | (3,770,348) | -2\% |

