

2008 TRANSPORTATION INITIATIVES PRIORITIZATION PROJECT DESCRIPTION

CAPITAL IMPROVEMENTS

- 1. *New Christina River Bridge (US13/I-495) and Approaches to Bridge***
The project proposes a new multi-modal crossing of the Christina River located just south of the Shipyard Shops. Traffic modeling supports the need for this connection to the south bank. This Bridge will provide the needed ingress and egress for Riverfront access, and improve access to I-495. Approach and street grid on both sides of the bridge will be included in this project.
- 2. *Shipley Street Revitalization (10th Street to MLK Jr. Boulevard)***
This project will improve the streetscape to support the development of commercial and residential initiatives along Shipley Street.
Note: Project may be under consideration for TE Funding.
- 3. *Safety & Capacity Improvements for 5 Point Intersection (Maryland, S. Madison, MLK Jr. Blvd.)***
In Summer 2008, S. Madison Street, between Martin Luther King Jr. Boulevard and West Street, will become two way, which will add another signal phase to the intersection, creating operational and safety issues. This project proposes street changes to redirect Maryland Avenue traffic to the intersection of Monroe Street and Martin Luther King Jr. Boulevard, and improve Monroe Street, between Maryland Avenue and Martin Luther King Jr. Boulevard. This will improve safety and capacity along the Maryland Avenue and Martin Luther King Jr. Boulevard corridors.
- 4. *Walnut Street Corridor Improvements (Front to 16th Streets); Removal of Walnut Street Sweep***
This project will promote safe access and improve the function and appearance of this gateway into the City by reducing traffic accidents through design. Traffic operational improvements include re-striping and reassigning travel lanes, and rehabilitating pavement. New sidewalks, street trees, ornamental signals, and pedestrian lighting are also planned. Curb bump-outs will provide improved pedestrian conditions at signalized intersections. This project will place utilities underground between Front and 3rd Streets on the east side of Walnut Street. The project will also remove the Walnut Street sweep, which will improve circulation, and introduce economic development opportunities.
Note: Plans are 85% complete.
Interim repaving and restriping project (Front to 13th) was completed in Summer 2007.
- 5. *Wilmington Signal Improvement Project, Phase II***
This project will integrate control of traffic signals throughout the City, improve congestion management and air quality conditions, and assist with Emergency Management applications. Existing sidewalks and curb cuts will be retrofitted to meet ADA guidelines.
- 6. *King & Orange Transit Corridors (MLK Jr. Boulevard to 13th Street)***
This project will include major transit and pedestrian upgrades, such as new bus shelters, lighting, and curb and sidewalk improvements. This project will complete the downtown corridors improvements on the major bus routes in the Central Business District.

- 7. *Wilmington Transportation/Transit Center (Porter Site: Walnut Street, Front to 2nd Streets)***
This project will create a new bus center for DART and inter-city buses, and provide public parking. It will provide a safe location for buses to layover and improve staging for inter-city buses.
- 8. *I-95/US202 Intersection Ramp***
This project will widen the existing ramp from northbound I-95 to northbound US202 in the existing I-95/US202 interchange from one lane to two lanes. Additional ramp improvements will address weaving problems, alleviate backups on I-95, and develop the US202 as a gateway into the City of Wilmington.
- 9. *King/MLK Jr. Boulevard Sweep Improvement (between Market and King Streets)***
This project will aim to address safety concerns and provide economic development opportunities in this area by enhancing pedestrian access to the Train Station and restoring the street grid.
- 10. *Downtown 4th Street (I-95 to King Street)***
Intersection, sidewalk, and transit stop improvements are planned to enhance access and safety in this historic, densely-populated, corridor that connects I-95 and the Central Business District.
- 11. *12th Street Connector (Roadway between Northeast Boulevard & 16th Street Bridge)***
This project will provide an alternate route into the Central Business District and promote economic development along the north bank of the Brandywine Creek.
- 12. *Water Street (Shipley to West Streets)***
This project will provide new street pavement, improved drainage, provide pedestrian walkways, and on-street parking enhancements to the area of West Street that connects South Madison Street and the West Street Connector to the Tubman-Garrett Park and Transit Center areas. Streetscaping will include brick sidewalks, new street trees, and pedestrian lighting.
- 13. *I-95 Ramps at the Riverfront***
This project will improve the current connections to I-95, provide regional connections to the Riverfront, and support economic development initiatives in the City.
- 14. *Leo J. Dugan (Walnut Street) Bridge Improvements***
This project will improve the walkways on the Dugan Bridge to make them safer for pedestrians and provide a more direct access to the north side of the Riverwalk and train station. Improvements will include up-lighting to accentuate the historic bridge structure, as well as pedestrian lighting along sidewalks, railing and sidewalk improvements, and painting.
- 15. *Market Street, Phase IV (11th to 16th Streets)***
Phase IV of the Market Street Project will complete pedestrian and streetscape enhancements along this portion of Market Street.
- 16. *SR2, South Union Street (Railroad Bridge to Sycamore Street)***
This project will include the replacement of concrete roadway with asphalt roadway, and constructing new curb ramps.

17. 7th Street Peninsula Bridge

This project involves building a bridge from 12th Street to the Peninsula, which is important to future economic development opportunities.

Note: This project will be developer funded.

18. Bicycle Improvements: Implementation of Study Recommendations

Bicycle improvements are currently under study by WILMAPCO; recommendations to be determined.

19. Tatnall Street Connector

This project will connect West Street at the Christina Crescent Parking lot entrance to the Tatnall Street lot (future development parcel) with an approximate 300-foot road.

Note: This project will be developer funded.

CAPITAL IMPROVEMENTS INCLUDED IN OTHER PROJECTS

- **Christina Riverwalk, Phase VIII**

As the final phase of the Christina Riverwalk, this Phase will link the Shipyard Shops to the proposed Education Center at Governor Peterson Wildlife Preserve.

UPDATE: This final phase of the Christina Riverwalk is included in the construction plans for the Governor Peterson Wildlife Preserve, which is expected to start construction in 2008.

CAPITAL IMPROVEMENTS REMOVED FROM PRIORITY LIST

- **Water Street Walkway (West to Madison Streets)**

This walkway will provide an asphalt path required for emergency access to the buildings.

UPDATE: This project is no longer feasible based on the existing development pattern.

TRANSPORTATION ENHANCEMENT PROJECTS (TE) IN CITY NEIGHBORHOODS

- **Baynard Boulevard Streetscape Improvements**

- (Concord Avenue to N. Broom Street)

STATUS: The concept package was completed in June 2008. Design and construction funding is included in the FY09/FY10 budget.

- **Greater Brandywine Village Revitalization, Phase IV**

- (22nd Street, from N. Market Street to Carter Street)
- (Lamotte Street, from Vandever Avenue to 22nd Street)

This project continues the streetscape design, which includes new sidewalks, pedestrian streetlights, new street trees, and handicap accessible ramps.

STATUS: This project is currently in final plan stage.

- **Jackson & Sharp Rail Car at Kalmar-Nyckel Shipyard**

- (124 E. 7th Street)

By the end of the 19th century, Jackson & Sharp was one of the largest builders of railcars in the world, located on the 7th Street Peninsula. In 2004, a rare Jackson & Sharp wooden rail car was saved from demolition and returned to the 7th Street Peninsula. This TE Project will fund the reconstruction of this rail car, which will provide an opportunity to educate the public about this important history of craftsmanship in Wilmington.

STATUS: This reconstruction project is expected to begin in 2008.

- **Rodney Square TE Project**

This TE project funds the City and Delaware Center for Horticulture to develop a concept plan for Rodney Square that primarily addresses landscaping improvements. The concept plan will propose the installations of specialized tree planting wells that will allow trees around the Square to flourish.

STATUS: The concept plan is in progress, with project funding expected after FY09.

- **Southwest Civic Association Project**

- (4th Street between Ogle Avenue and Greenhill Avenue)

This project will include sidewalk replacement, intersection improvements, and lighting along 4th Street.

STATUS: This project is currently in final plan stage.

- **Trolley Square Streetscape, Phase II**

- (Gilpin Avenue, from Clayton Street to Dupont Street)
- (Dupont Street, from Gilpin Avenue to Delaware Center for Horticulture)

This project includes improvements along the Trolley Square area, such as sidewalk replacement and landscaping.

STATUS: This project is currently in preliminary plan review.

OPERATIONAL IMPROVEMENTS

- Expanded Sunday and Night Bus Services (Citywide)
- Enhance existing Trolley service area (increased hours, more frequent headways)
- Additional Weekday SEPTA R2 Trains (between Wilmington and Newark)
- Link SEPTA and MARC Services
- Viaduct aesthetic improvements along Riverfront
- Smart Technology Payment/Multi-Modal Fare (Citywide)