



STATE OF DELAWARE
DEPARTMENT OF TRANSPORTATION
800 BAY ROAD
P.O. Box 778
DOVER, DELAWARE 19903

SHAILEN P. BHATT
SECRETARY

July 01, 2013

Ms. Tigist Zegeye
Executive Director
WILMAPCO
850 Library Avenue, Suite 100
Newark, Delaware 19711

Dear Ms. Zegeye:

Pursuant to the adoption of Wilmington Area Planning Council's (WILMAPCO) Fiscal Year 2014 - 2017 TIP and the Delaware Department of Transportation's Fiscal Year 2014 - 2017 STIP, I am suggesting programming federal funds for Fiscal Year 2014 projects as follows:

Urban Surface Transportation Program (STP) (Over 200,000) (L230, L23R, M230)

<u>Project</u>	<u>Amount</u>
Christina River Bridge and Approaches	\$4,331,719.09
SR 4, Christina Parkway from SR 2, Elkton Road to SR 896, South College Avenue, Newark	\$160,000.00
SR 2, South Union St. from Railroad Bridge to Sycamore St., Wilmington	\$4,500,000.00
HSIP NCC, SR 71, Old Porter Road to SR 7	\$485,000.00
Paving & Rehabilitation	\$8,300,000.00
Total:	\$17,776,719.09

FTA Urbanized Area (5307, 5340)

<u>Project</u>	<u>Amount</u>
Beech Street Generator	\$20,000.00
Newark Regional Transportation Center Study	\$10,000,000.00
Preventive Maintenance - New Castle County	\$5,200,000.00
Transit Vehicle Expansion Paratransit Buses NCC FY 14-19	\$891,280.00
Transit Vehicle Expansion (1) 40' Low Floor Transit Route 1 FY14	\$357,120.00
Transit Vehicle Expansion (4) 40' Low Floor Transit Route 13 FY14	\$1,428,480.00
Transit Vehicle Expansion (1) 40' Low Floor Transit Route 22 FY15	\$367,840.00
Transit Vehicle Expansion (1) 40' Low Floor Transit Route 25 FY15	\$367,840.00
Transit Vehicle Replacement Paratransit Buses NCC FY13-18	\$649,100.00
Total	\$19,281,660.00



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Congestion Mitigation/Air Quality (CMAQ) (L400, M400)

<u>Project</u>	<u>Amount</u>
Bike and Pedestrian Improvements	\$1,250,000.00
Rideshare – Transportation Management Improvements	\$360,000.00
Transit Vehicle Replacement 40' Heavy Duty Low Flr Buses NCC FY14-15	\$2,000,000.00
Transit Vehicle Expansion 45' OTR Bus - SR 141 Crosstown FY18	\$735,600.00
Statewide Transportation Management Improvements	\$4,000,000.00
Total	\$8,345,600.00

FTA Elderly and Persons with Disabilities (5310)


<u>Project</u>	<u>Amount</u>
Statewide Transit Vehicle Replacement	\$470,451.00
Total	\$470,451.00

Transportation Enhancement Program (H220, L22R, Q220, M300, 5307)

<u>Project</u>	<u>Amount</u>
Statewide Transportation Enhancements (FHWA)	\$3,100,000.00
Transportation Enhancements Wilmington Urbanized Area (FTA)	\$112,400.00
Total	\$3,212,400.00

We respectfully request your approval by way of signature on this document. If you have any questions, please contact me at (302) 760-2678.

APPROVED: _____
 Tigist Zegeye
 Executive Director

Sincerely,

 Earle Timpson
 Assistant Director, Finance

ET:bg

cc: Mary Ridgeway, Division Administrator, FHWA
 Brigid Hynes-Cherin, Regional Administrator, FTA
 Shailen P. Bhatt, Secretary
 Jennifer Cohan, Acting Director, Finance
 Natalie Barnhart, Director, Transportation Solutions
 Drew Boyce, Director, Planning
 Lauren L. Skiver, Chief Executive Officer, Delaware Transit Corporation
 Kimberly Jefferson, Sr. FMA, Finance
 Bill Geronimo, Budget and Program Analyst, Finance



Delaware Transportation Enhancements/Transportation Alternatives Program

PROJECT SPEND JULY 1, 2013 TO JUNE 30, 2014

PROJECT NAME	FEDERAL	STATE	OTHER	TOTAL	DESCRIPTION
Pomeroy Trail	\$25,000.00	\$0.00	\$0.00	\$25,000.00	Pomeroy Trail will connect the James F. Hall Trail to the University of Delaware (UD) Laird Campus and to a trail being planned by the Department of Natural Resources and Environmental Control's (DNREC) Division of Parks and Recreation in the White Clay Creek State Park. When completed, the Pomeroy and Newark Rail Trail will link the James F. Hall Trail to connect several thousand residential units, Downtown businesses, the new Newark Transit Hub, two shopping centers (Newark Shopping Center and College Square Shopping Center), the UD Laird Campus, the existing and proposed Newark Rail Stations, the University of Delaware, the Delaware Technology Park, and the White Clay Creek State Park.
Jackson & Sharp Railcar	\$112,000.00	\$0.00	\$0.00	\$112,000.00	Restoration of the historic Jackson & Sharp Railcar - a first class passenger car that dates back to 1889. The sponsor of the project (Delaware Historic Society) will be responsible for obtaining \$800,000 in funding prior to DelDOT releasing any of the agreed upon \$650,000 in Federal TE funding. This was a requirement in the project agreement. This requirement was met on 7-5-09.
Rodney Square Phase I	\$34,075.30	\$8,518.82	\$0.00	\$42,594.12	This project consists of landscaping and beautification, mainly planting trees and improving the hardscape of Rodney Square in Wilmington. Converting the project to final design on 7-23-09. Received approval from Bond bill committee on 6-30-09.
6th Street Enhancements	\$166,794.00	\$30,386.67	\$11,311.83	\$197,180.67	Sidewalk improvements on both sides 6th Street, City of Wilmington, in between Market and King Streets. Project sponsors are the City of Wilmington and the Delaware College of Arts and Design.
Concord Avenue Streetscape	\$189,599.64	\$47,399.93	\$0.00	\$236,999.57	Pedestrian safety improvements along Concord Avenue, from Broom Street to Baynard Boulevard. Sponsors are the Triangle Neighborhood Association and the City of Wilmington.
Windsor Street Enhancements	\$84,355.46	\$21,088.86	\$0.00	\$105,444.32	Sidewalk, curb, and curb ramp improvement on Windsor Street from 8th to 9th Street. Project sponsors are the Shipley Run II Maintenance Committee and the City of Wilmington.
Carpenter Street Enhancements	\$161,496.10	\$0.00	\$0.00	\$161,496.10	Streetscape improvements on Carpenter Street, in between N Jackson and N Van Buren Streets. Sponsors are the Latin American Community Center, Delaware Center for Horticulture and the City of Wilmington.
Bayard Square Enhancements	\$334,248.41	\$2,646.25	\$0.00	\$336,894.66	Street beautification including sidewalk improvements, landscaping, and installation of pedestrian lighting. Sponsors are the Bayard Square Neighborhood Association and the City of Wilmington.
Paper Mill Rd. Sidewalk	\$579,342.60	\$0.00	\$144,835.65	\$579,342.60	Request for sidewalks along Paper Mill Road from Chestnut Valley development to the existing county park.
Townsend Streetscape	\$502,924.58	\$0.00	\$95,855.55	\$502,924.58	Streetscape improvements along Main Street, Townsend, in between Edgar and Chestnut. Project sponsor is the Town of Townsend.
Ocean View Phase II	\$467,200.00	\$22,800.00	\$94,000.00	\$490,000.00	The goal of the project is to improve accessibility and the safety of pedestrians by installing sidewalk, curb and gutter along West Avenue from Woodland Avenue to Atlantic Avenue (2400'+/-) within the Town of Ocean View.
Newport Streetscape Phase II	\$257,000.00	\$0.00	\$0.00	\$257,000.00	The goal of the project is to improve accessibility and the safety of pedestrians by installing wider sidewalks, improving crosswalks, installing lighting and landscaping within the Town of Newport along both sides of West Justic Street and West Market Street from a point near North Marshall Street to John Street.
Elsemere Streetscape	\$168,000.00	\$0.00	\$42,000.00	\$168,000.00	The goal of the project is to improve accessibility and the safety of pedestrians and bicyclist by constructing a 10' wide shared-use trail within the Maple Avenue Park. The trail is estimated at 0.9 miles in length.
9th Street Enhancements	\$65,600.00	\$0.00	\$16,400.00	\$65,600.00	Streetscape improvements along 9th Street, between Market Street and West Street within the City of Wilmington. The project was requested by Downtown Visions, a non-profit agency devoted to the enhancement of the City of Wilmington.

Delaware Transportation Enhancements/Transportation Alternatives Program

PROJECT NAME	FEDERAL	STATE	OTHER	TOTAL	DESCRIPTION
Greenhill Avenue Streetscape	\$146,400.00	\$0.00	\$36,600.00	\$146,400.00	The goal of the project is to improve accessibility and the safety of pedestrians by installing ADA curb ramps, decorative lighting and curb/sidewalk along the following Streets; 1. West 5th Street between N. Cleveland Avenue and Greenhill Avenue. 2. West 6th Street between N. Cleveland Avenue and Greenhill Avenue. 3. N. Cleveland Avenue between 4th Street and West 6th Street. 4. Ford Avenue between West 4th Street and West 6th Street.
Old Lancaster Pike Bridges	\$72,000.00	\$18,000.00	\$0.00	\$90,000.00	This project is for the construction of two pedestrian bridges along Old Lancaster Pike that will improve pedestrian mobility and safety. The bridges will be the final piece to the recently completed streetscape project.
Miller Road Enhancements	\$102,400.00	\$25,600.00	\$0.00	\$128,000.00	The goal of the project is to improve accessibility and the safety of pedestrians by providing traffic calming and sidewalk improvements along Miller road between the intersections of West 29th/Broom Street/Baynard Blvd. and 34th Street.
Delaware Avenue Enhancements	\$125,200.00	\$18,800.00	\$0.00	\$144,000.00	The goal of the project is to improve accessibility and the safety of pedestrians by providing better pedestrian facilities and traffic calming, to better manage storm water and to beautify the area. Improvements to include crosswalk upgrades, traffic calming, signal modifications and sidewalk construction.
Valley Road Sidewalks	\$19,791.21	\$4,947.79	\$0.00	\$24,739.00	The goal of the project is to improve accessibility and the safety of pedestrians by providing sidewalk and drainage facilities on the south side of valley road between Lantana Shopping Center and Evanson road.
Midtown Brandywine Sidewalks	\$33,948.00	\$8,487.00	\$0.00	\$42,435.00	The project will provide curb and sidewalk improvements, ADA upgrades to existing curb ramps, pedestrian lighting, traffic calming and landscaping along the 1300 block of West Street, sections of Tatnall Street, the edge of Brandywine Park and Historical Winchester Place within the City of Wilmington.
Rodney Square Phase II	\$60,000.00	\$0.00	\$0.00	\$60,000.00	Project involves the streetscape and beautification improvements of Rodney Square along 11th Street within the City of Wilmington.
St. Georges Phase II	\$20,000.00	\$0.00	\$0.00	\$20,000.00	Project involves streetscape enhancements along Main Street within the town limits of St. Georges.
Cool Spring Enhancements	\$80,000.00	\$0.00	\$0.00	\$80,000.00	Project involves pedestrian and bicycle improvements in the Cool Spring area of the City of Wilmington. The project will improve pedestrian walkways along the perimeter of Cool Spring Park.
City of Wilm. Bike Improvements	\$100,000.00	\$0.00	\$0.00	\$100,000.00	This project proposes to purchase and install sharrow lane markings, bicycle awareness signage, and bicycle racks throughout the City of Wilmington based on recommendations from 'The City of Wilmington Bicycle Plan.' Project sponsor is the Wilmington Bicycle Advisory Committee and City of Wilmington.
City of Wilm Tree Project	\$20,000.00	\$0.00	\$0.00	\$20,000.00	This project proposes to improve pedestrian safety and the health of Wilmington's urban forest by implementing recommendations from the City's 'Our Urban Forest, A Vision Forward: A Report on Trees & Community Collaboration.' Also this project plans to establish a 'tree bank' to supplement landscaping activities for TE projects occurring in the City.
11th Street Streetscape	\$20,000.00	\$0.00	\$0.00	\$20,000.00	This project proposes to improve pedestrian facilities, lighting, ADA curb ramp upgrades, landscaping, and overall project limit site beautification. The project limits are to include North DuPont Street east to North Rodney Street, and North to Pennsylvania Avenue including 11th Street and North Clayton Street.
TOTAL	\$4,385,702.93	\$290,675.32	\$441,003.03	\$4,676,378.25	
NCC Subtotal	\$3,947,375.30	\$208,675.32	\$441,003.03	\$4,156,050.62	

Delaware Statewide Transportation Management Improvements CMAQ

Federal Fiscal Year 2014 Obligation Plan State Fiscal Year 2014 Spend		
Description	Amount	Justification
ITMS Planning and Engineering	\$2,500	Planning and Engineering consultant support to provide traffic signal software on call support, on-call ITS planning and engineering support, University of Delaware ITS Lab support, transportation homeland security and emergency management planning support, FCC required WTMC radio engineering, Transportation Management Team (TMT) program support, and TMC Technician training. Provides ITMS related software development and network support.
ITMS TMC Systems	\$100	Provides for purchase of Integrated Transportation Management System (ITMS) related Transportation Management Center (TMC) computers and networking equipment, ITMS related software, and Mobile TMC equipment. Enhancement of TMC graphics/video display system.
ITMS TMC Systems	\$800	Provides for initial software development of the planned 511 intelligent voice recognition based travel information system with completion of system in FY15 at a total estimated cost of \$1,700,000
ITMS Telecommunications	\$700	This project is a phase of a multi-year project to implement a fiber optic and wireless based statewide telecommunication system to support connection of facilities and transportation management control, monitoring and information field devices; to include traffic signals, electronic signing, electronic detection and etc. This phase includes the installation/upgrade of one mile of fiber optics, associated network electronics and facilities to connect ITMS devices to include phase one of implementation of 4.9GHz statewide microwave system.
ITMS Field Devices /Support - Traffic Signal System	\$120	This is a phase of a multi-year project to add all the DelDOT maintained traffic signals to the computerized signal system. This phase will provide for the replacement or upgrade of 10 traffic signal cabinets and controllers statewide.
ITMS Field Devices /Support - Dynamic Message Sign System	\$100	This is a phase of a multi-year project to design, construct and implement both fixed location and portable electronic dynamic message signs (DMS). The DMS are controlled and monitored real-time from the TMC. The DMS provide the capability to display travel information prior to key decision points. This project phase provides for the purchase and installation of one permanent DMS.
ITMS WTMC Static Signing w/Beacons	\$40	This is a phase of a multi-year project to design, construct and implement five static WTMC 1380 AM signs with flashing beacons. The signs are controlled from the TMC.
ITMS Field Devices /Support - Electronic Detection System -Signal Sampling Detectors	\$90	This is a phase of a multi-year project to implement a statewide automated real-time vehicle detection system. The detection system will provide a variety of information to include vehicle volumes, classification, speed, travel time and congestion monitoring. The collected data will be used for real-time control, monitoring and information plus the data will be stored for planning purposes. This project provides for the installation of computerized signal system sampling detectors at ten intersections.
ITMS Field Devices /Support - Electronic Detection System - Microwave Detection	\$255	This is a phase of a multi-year project to implement a statewide automated real-time vehicle detection system. The detection system will provide a variety of information to include vehicle volumes, classification, speed, travel time and congestion monitoring. The collected data will be used for real-time control, monitoring and information plus the data will be stored for planning purposes. This project phase provides for design and implementation of a statewide microwave (radar) based detection system to supplement existing detection systems with travel time information This phase will provide ten microwave sites along
ITMS Field Devices /Support - Electronic Detection System - Bluetooth Detection	\$130	This is a phase of a multi-year project to implement a statewide automated real-time vehicle detection system. The detection system will provide a variety of information to include vehicle volumes, classification, speed, travel time and congestion monitoring. The collected data will be used for real-time control, monitoring and information plus the data will be stored for planning purposes. This project phase provides for design and implementation of a statewide Bluetooth based detection system to supplement existing detection systems with travel time information. This phase will implement twenty five Bluetooth detection sites.

Delaware Statewide Transportation Management Improvements CMAQ

Description	Amount	Justification
ITMS Field Devices /Support - Traveler Information System	\$260	This project is a planned multi-year project to expand the existing WTMC 1380 AM traveler information radio system to provide statewide coverage. This phase of the project will construct and implement four new WTMC 1380 AM repeater sites. The WTMC 1380 AM radio system provides 24 hour real-time multimodal travel, incident and emergency information. WTMC 1380 AM is a component of DelDOT's transportation management and congestion mitigation program.
ITMS Field Devices /Support - Roadway Weather Information System	\$100	This project is to install two additional roadway weather information sites (RWIS). The installation of these sites will improve statewide coverage. Weather related information from the sites improve DelDOT's response to weather events that impact the transportation system and provides improved travel information.
ITMS Field Devices /Support - Weather (Hydrology)	\$200	This project is phase one of a multi-year project to enhance the coverage of Delaware's hydrology monitoring system. The hydrology monitoring system monitors water height and velocity. Phase one includes the purchase and implementation of software and the design, construction and implementation of six monitoring stations.
ITMS Field Devices /Support - Incident Management Equipment	\$5	This is to purchase incident management equipment to support response and management of incidents or events that impact the state's transportation system. This includes the purchase of traffic cones, barricades, barrels and signs.
ITMS Field Devices /Support - Incident Management Program - CAP	\$80	This project provides for aerial monitoring services by the Civil Air Patrol (CAP). The CAP provides daily flights morning and evening peak periods and provide information to the TMC on the states of the transportation system to include the impact of incidents such as accidents and disabled vehicles.
TOTAL FY11 PROGRAM	\$5,480	

1st State Trails and Pathways Program

New Castle County Projects

Construction

1. **C&D Canal Mainline Pathway** – under construction, scheduled to be completed sometime in September 2013. Total of 9.5 miles of pathway and 2 trail heads
2. **Hopkins Bridge Road Pedestrian Improvements** - under construction, trail improvements along Hopkins Bridge Road near White clay Creek State Park. Connecting 2 trail systems.
3. **Northern Delaware Greenway, Tally Road Trail** – under construction, scheduled to be completed by the end of 2013.

Design

4. **C&D Canal Pathway, Branch Canal Section** – under design, trail connection into Delaware City. Construction scheduled to begin April 2014
5. **C&D Canal Pathway, MD. Stateline connector** – under design, mainline trail connection into MD. Stateline. Construction scheduled to begin October 2014
6. **Rt. 273 Multi-Use Pathway** – under design, multi-use trail on the north side of Rt. 273 from Rt. 13 near Farmers Market to 10th Street. Project to include at grade crossing of Rt. 273 near industrial Track Greenway. Construction scheduled to begin August 2013.

Concept Planning

7. **Churchman's Road East Coast Greenway Trail Segment** – conceptual planning study looking into improvement to Churchman's Road intersection to increase pedestrian and bicycle safety. Planning study scheduled to be completed November 2013
8. **Newark to Wilmington Trail Study** – conceptual planning study evaluating multi-use routes between Newark and Wilmington for alternative transportation needs. Planning study scheduled to be completed by February 2014
9. **Industrial Track Greenway Phase III** – detailed concept plan and cost analysis on approved route that will connect into existing trail on Southside of Christina River. Project to include a bridge across the Christina River, elevated boardwalk structure through marsh and connection into DuPont Nature Center. This phase of the project will be completed December 2013.
10. **C&D Canal Trail to Glasgow to Christina Pathway** – conceptual planning study evaluating alternative placement of trails within referenced locations. Study scheduled to be completed in 2014
11. **Industrial Track Greenway Phase IV** – concept plan to determine trail alignment from industrial track greenway to Battery Park. Study scheduled to be completed May 2014