

Wilmington Initiatives



Technical & Steering Committee Meeting

TRANSPORTATION ENHANCEMENT (TE) PROJECT UPDATES

May 16, 2011





JOHN GIAGRANT & BILL CONWAY



CENTURY ENGINEERING

TRANSPORTATION ENHANCEMENTS PROGRAM

CITY OF WILMINGTON, BAYARD SQUARE IMPROVEMENTS

MARCH 14, 2011

➤ BAYARD SQUARE IMPROVEMENTS

➤ PROJECT GOALS

- The goal of the project is to enhance the visual appeal and identification of the Bayard Square neighborhood and to reduce traffic safety problems that are caused in part by speeding as vehicles enter the neighborhood from SR2 on to Lincoln Street, and increase pedestrian safety.

➤ PROJECT DESCRIPTION

- Proposed project improvements generally consist of the installation of traffic calming measures that will provide a visual reference to drivers and reduce speeding and accidents, and provide safe roadway crossings, with handicap accessible curb ramps, for residents and pedestrians.

TRANSPORTATION ENHANCEMENTS PROGRAM

CITY OF WILMINGTON, BAYARD SQUARE IMPROVEMENTS

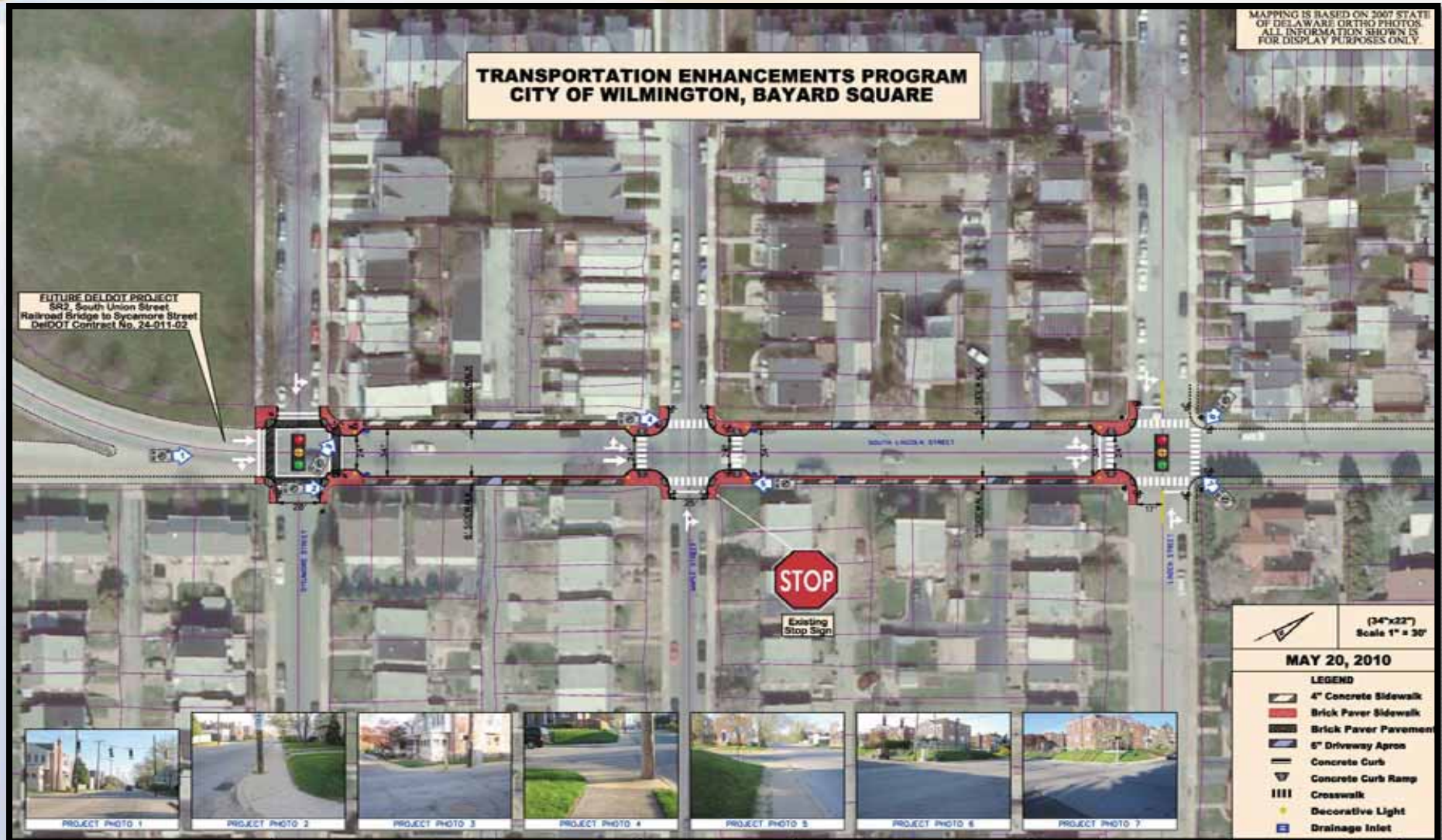
MARCH 14, 2011



TRANSPORTATION ENHANCEMENTS PROGRAM

CITY OF WILMINGTON, BAYARD SQUARE IMPROVEMENTS

MARCH 14, 2011



TRANSPORTATION ENHANCEMENTS PROGRAM

CITY OF WILMINGTON, CARPENTER STREET ALLEY IMPROVEMENTS

MARCH 14, 2011

➤ CARPENTER STREET ALLEY IMPROVEMENTS

➤ PROJECT GOALS

- The goal of the project is to return green space that was lost to pavement, improve the access and traffic flow on Carpenter Street, and provide safe pedestrian crossings from N. Van Buren Street to Carpenter Street.

➤ PROJECT DESCRIPTION

- The project involves improvements to Carpenter Street Alley that will utilize green technology methods, address safety concerns, improve the neighborhood traffic circulation (vehicular and pedestrian), and improve the drainage system. A neckdown and pedestrian crosswalk striping will be installed at the intersection of Van Buren Street and Carpenter Street to increase traffic calming and pedestrian safety.

TRANSPORTATION ENHANCEMENTS PROGRAM

CITY OF WILMINGTON, CARPENTER STREET ALLEY IMPROVEMENTS

MARCH 14, 2011



TRANSPORTATION ENHANCEMENTS PROGRAM

CITY OF WILMINGTON, CARPENTER STREET ALLEY IMPROVEMENTS

MARCH 14, 2011

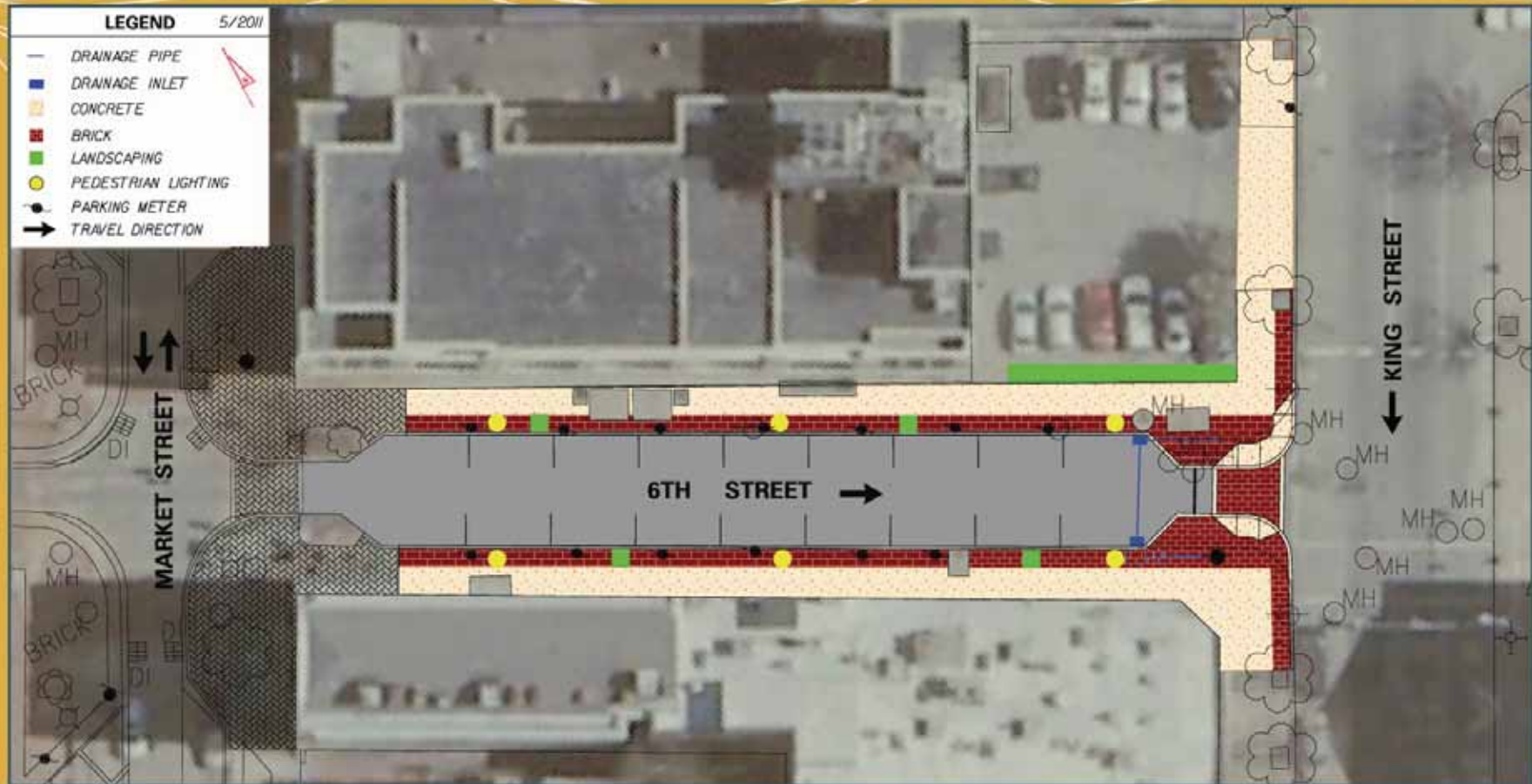




TED FOGLIETTA & JON HERMES



MCCORMICK TAYLOR



Delaware Department
of Transportation

McCormick
Engineers & Planners
Since 1946 Taylor

6th Street Improvements
6th Street Improvements
6th Street Improvements
6th Street Improvements

Wilmington, Delaware

Existing Conditions



Proposed Improvements



Delaware Department
of Transportation

McCormick
Engineers & Planners
Since 1946
Taylor

6th Street Improvements
6th Street Improvements
6th Street Improvements
6th Street Improvements

Wilmington, Delaware





South Park Drive

LIGHTING IMPROVEMENTS





South Park Drive LIGHTING IMPROVEMENTS



95

HAYNES PARK

MILLER ROAD SHOPPING CENTER

UPDATE PROPOSED SIGNAL FOR CREEK ROAD

SIGNAL TO BE EVALUATED

EXISTING PARKING TO REMAIN

PROPOSED SIDEWALK WIDENING

RECONSTRUCT EXISTING SIDEWALK, REMOVE EXISTING RAILING & WALL AND REPLACE RAILING, SIDEWALK AND LANDSCAPE

RECONSTRUCT SIDEWALK TO REMAIN

PROPOSED SIDEWALK

LOCATION TO BE REVIEWED BY DTIC

UPDATE PEDESTRIAN SIGNAL

PROPOSED SIDEWALK

LEGEND

- CONCRETE
- PIPE
- PEAK FLOW
- TRAVEL DIRECTION
- LANE

ALL PROPOSED CHANGES TO THE LANE CONFIGURATIONS ALONG MILLER ROAD NEED TO BE APPROVED BY DELDOT. A TRAFFIC STUDY WILL BE REQUIRED TO DETERMINE THE EXACT MODIFICATIONS TO THE LANES. THIS STUDY WILL BE COMPLETED IN THE DESIGN PHASE OF THE PROJECT.



TODD OLIVER



WHITMAN, REQUARDT & ASSOCIATES



Baynard Boulevard Streetscape Improvements

- Project Sponsors: Ninth Ward Civic Association / City of Wilmington
- Project limits: Concord Avenue to Broom Street
- Project budget = \$1 million
- Project Goals: Improve pedestrian safety, street enhancement, traffic calming
- Proposed Improvements
 - Reconstruct sidewalk and curb ramps
 - Install brick crosswalks, bumpouts, and landscaping
 - Install new pedestrian signals and decorative lighting
- Construction will be complete in summer 2011.

Baynard Boulevard Streetscape Improvements

Wilmington Transportation Enhancements



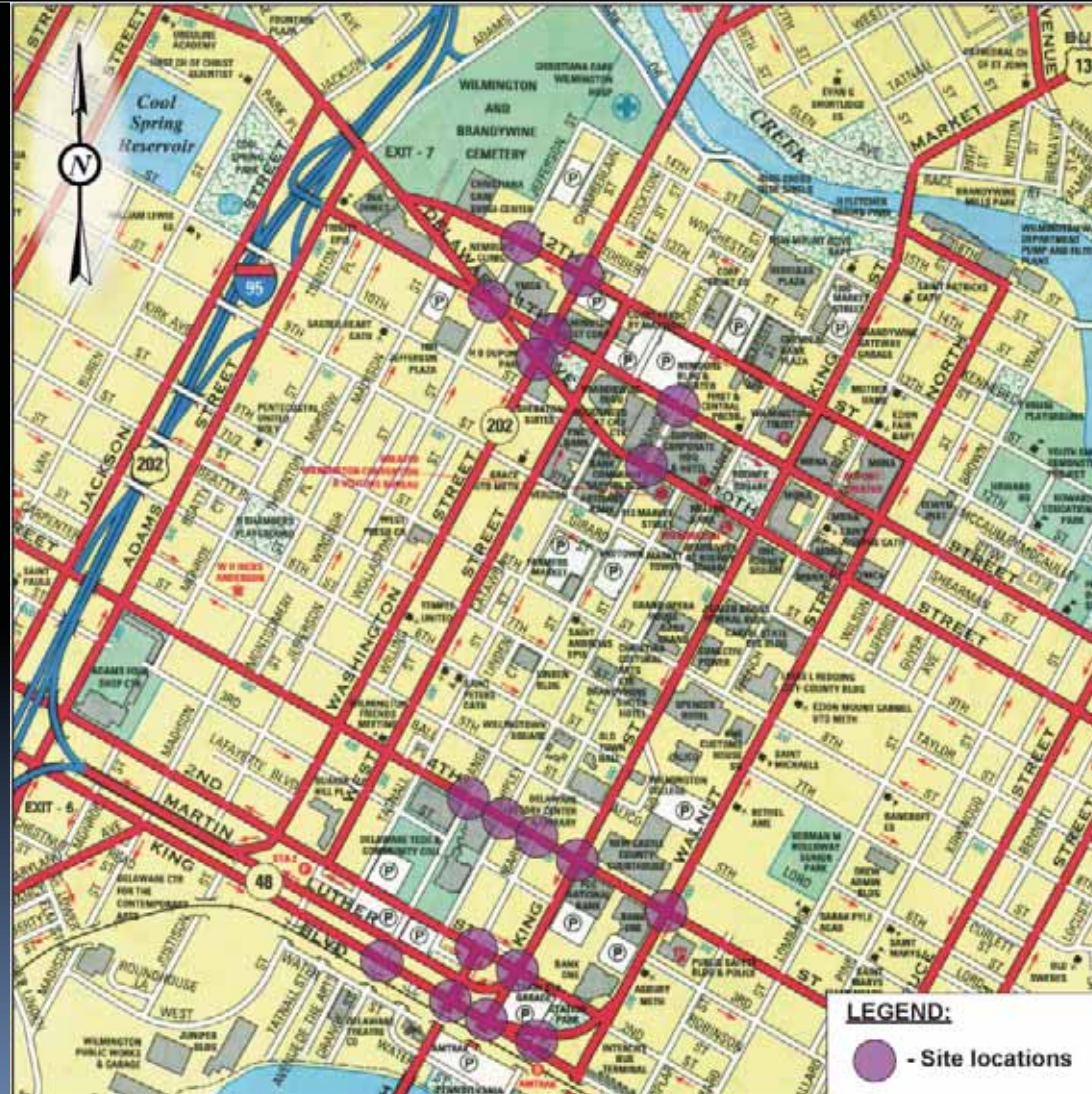


Wilmington Renaissance Pedestrian Safety Improvements, Phase I

- Project Sponsors: WRC / City of Wilmington
- Project limits: 18 intersections throughout the City
- Project budget = \$1 million
- Project Goals: Improve pedestrian safety
- Proposed Improvements
 - Reconstruct curb ramps and upgrade crosswalk striping
 - Install new pedestrian signals, signal controllers, and lighting
- Final design complete – waiting for advertisement
- Construction could begin in late 2011.

Wilmington Renaissance Pedestrian Safety Improvements, Phase I

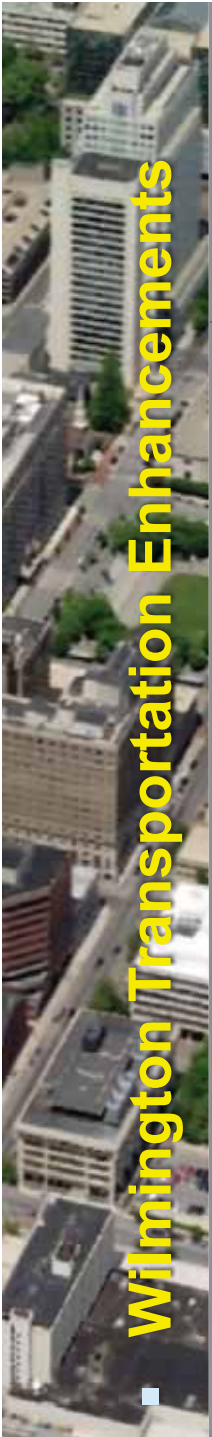
Wilmington Transportation Enhancements





Rodney Square Beautification, Phase 1

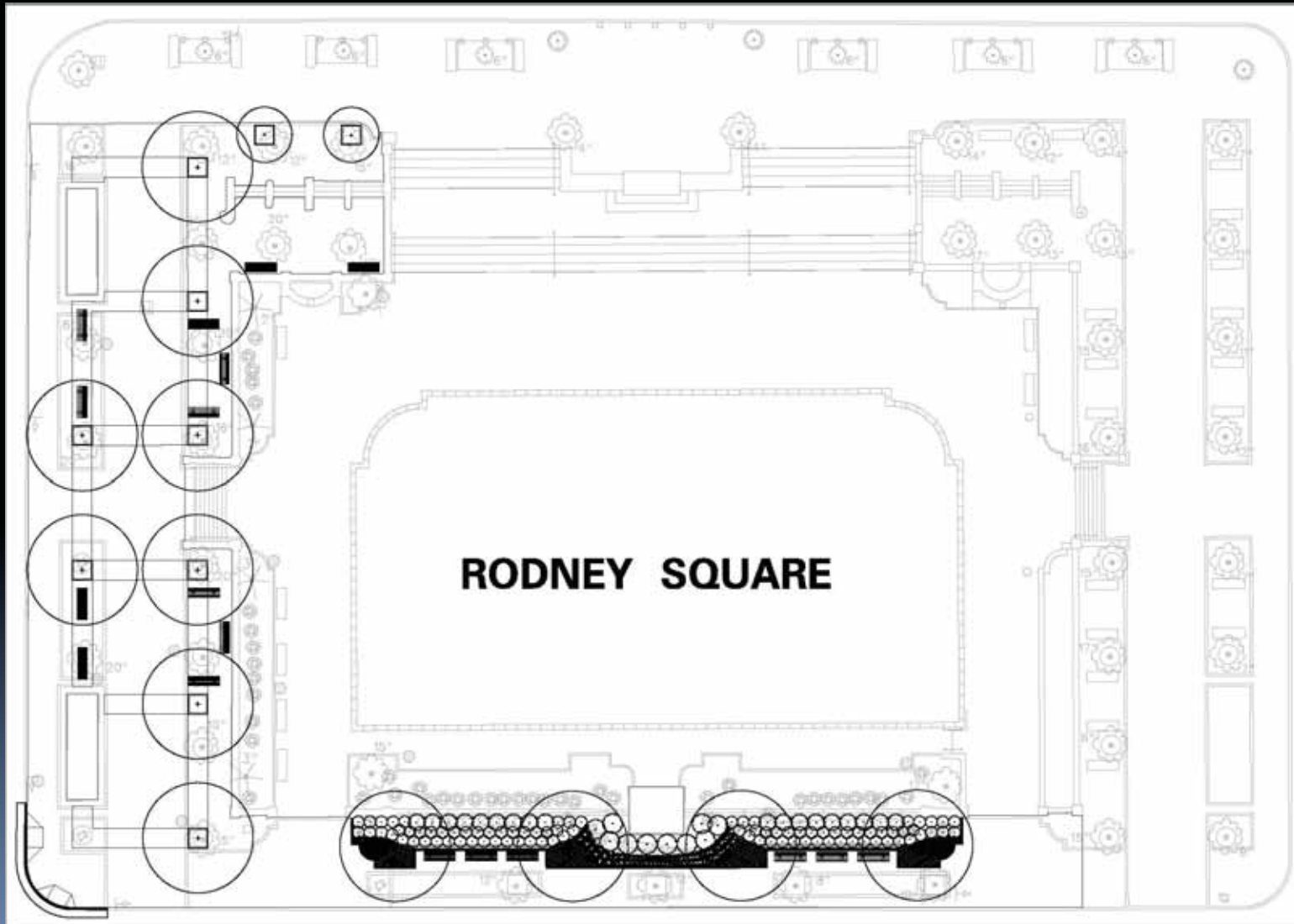
- Project Sponsors: DCH / City of Wilmington / Longwood Gardens / Garden Club of Wilmington
- Project limits: 10th Street and King Street
- Project budget = \$1 million
- Project Goals: Landscape enhancement, improve pedestrian accessibility



Rodney Square Beautification, Phase 1

- Proposed Improvements
 - Remove 18 existing trees and plant 14 new trees with new structural cells to provide for better tree growth
 - Remove existing pavers and reconstruct sidewalk
 - Install new electrical infrastructure, decorative light fixtures, and tree lighting system
- Final design will be complete in August 2011.
- Construction could begin in 2012 depending on availability of funding.

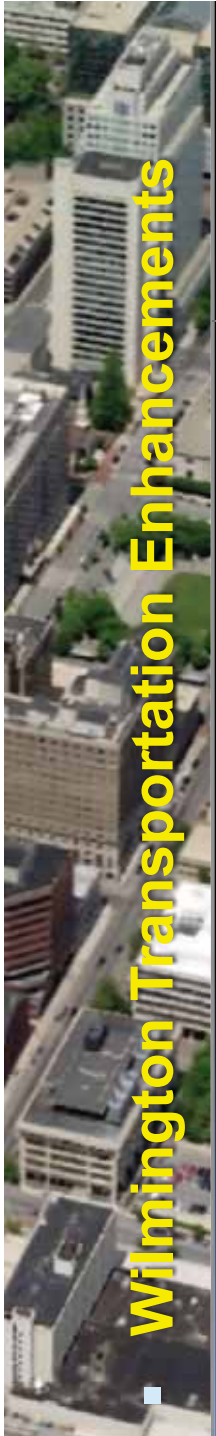
Rodney Square Beautification, Phase 1





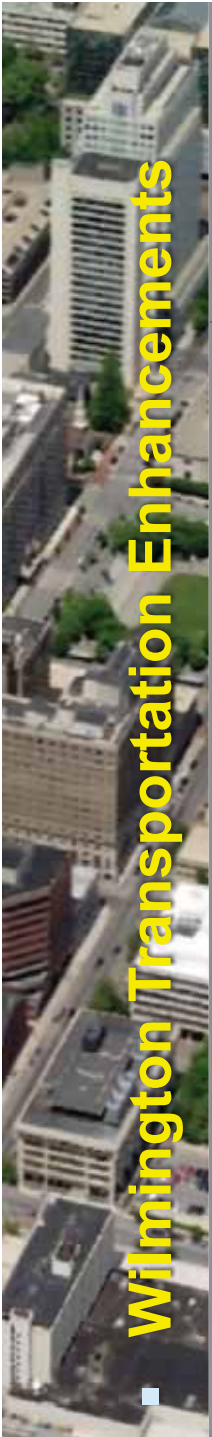
ShIPLEY Street Streetscape Improvements

- Project Sponsors: WILMAPCO / City of Wilmington
- Project limits: 4th Street to 7th Street
- Project budget = \$1 million
- Project Goals: Improve pedestrian access and street enhancement
- Proposed Improvements
 - Reconstruct sidewalk and curb ramps
 - Install decorative light fixtures and street trees
 - Upgrade crosswalk striping and consolidate utility poles
- Final design scheduled for completion in May 2012



Greenhill Avenue Landscape Improvements

- Project Sponsors: Wawaset Park Maintenance Corporation / City of Wilmington
- Project limits: North side of Greenhill Avenue, 7th Street to 11th Street
- Project budget = \$468,000
- Project Goals: Landscape enhancement
- Proposed Improvements
 - Remove about 60 trees and plant 35 new shade trees and 15 new understory trees
 - Repair existing rock wall and install new fence
- Final design scheduled for completion in Jan. 2012



Windsor Street Sidewalk Improvements

- Project Sponsors: Shipley Run II Maintenance Committee / City of Wilmington
- Project limits: 8th Street to 9th Street
- Project budget = \$625,000
- Project Goals: Improved pedestrian accessibility
- Proposed Improvements
 - Reconstruct sidewalk and curb ramps
 - Remove existing street trees
 - Reconstruct existing pavement
- Final design scheduled for completion in May 2012



Concord Avenue Streetscape Improvements

- Project Sponsors: Triangle Neighborhood / City of Wilmington
- Project limits: Baynard Boulevard to Broom Street
- Project budget = \$350,000
- Project Goals: Improved pedestrian safety and accessibility
- Proposed Improvements
 - Reconstruct curb ramps
 - Upgrade crosswalks and pedestrian signals
 - Construct landscaped median on Concord Avenue
- Final design scheduled for completion in June 2012



Delaware Avenue Pedestrian Improvements

- Project Sponsors: Forty Acres Civic Association / City of Wilmington
- Project limits: Union Street to Scott Street
- Project budget = \$1 million
- Project Goals: Improved pedestrian safety and accessibility , streetscape enhancements, traffic calming
- Proposed Improvements
 - Reconstruct sidewalk and curb ramps
 - Upgrade crosswalks and pedestrian signals
 - New landscaping and bumpouts with brick paving
- Concept design complete

Greenhill Avenue Streetscape Improvements

- Project Sponsors: Southwest Civic Association / City of Wilmington
- Project limits
 - W. 5th St between N. Cleveland Ave and Greenhill Ave
 - W. 6th St between N. Cleveland Ave and Greenhill Ave
 - N. Cleveland Ave between W. 4th St and W. 6th St
 - Ford Ave between W. 4th St and W. 6th St
- Project budget = \$1 million
- Project Goals: Improved pedestrian safety and accessibility
- Proposed Improvements
 - Reconstruction of existing sidewalk segments and curb ramps
 - New decorative light fixtures and upgraded crosswalks
- Concept design complete