

## NEIGHBORHOOD IMPROVEMENTS

The People's Transportation Plan (PTP) provided \$167 million for Neighborhood Improvements. These include modifications of intersections; resurfacing of local and arterial roads; installation/repairs of guardrails; installation of school flashing signals and enhancement of greenways and bikeways; replacement/repair of sidewalks; repair/installation of drainage, landscape beautification roadway signage, roadway lighting, pavement markings, and traffic calming; and Americans with Disabilities Act (ADA) accessibility to bus stops throughout the County.

In 2004, the Board of County Commissioner's (BCC) and the Citizens' Independent Transportation Trust (CITT) adopted Public Works Department's (now a part of the Department of Transportation and Public Works) Two Year Plan (BCC Resolution R-87-04, and its modifications under 507-04). The Two-Year Plan was developed to address the various non-site specific categories provided for in the PTP ordinance and established a method for allocating the \$167 million listed in the ordinance. The allocation was approximately \$21.7 million for Board Requested Neighborhood Improvement projects listed in Exhibit 1 and \$145.4 million for other countywide improvements for the duration of the program including the funding allocations to each Commission District (see following item, #9 below). To date, over 1,000 projects have been initiated including ADA sidewalk improvements, traffic signals, street lighting, intersection and traffic calming improvements, guardrail installation, roadway resurfacing and school flashing signals. The plan was also modified under Resolution R-1391-04, removing the school flashing signals from the Commission District allocations and listing them as a specific line item with a dedicated funding amounts.

The Neighborhood Improvement Projects include Site Specific Neighborhood Improvement Sites, Non-Site Specific Neighborhood Improvement Sites, Countywide Neighborhood Improvements and School Flashing Signals Program.

## 9. Neighborhood Improvements (Commission Districts)

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**Department:** Public Works  
**Phase:** On-going  
**Completion Date:** 2019  
**Funding Source(s):** PTP/Surtax  
**Completion Percentage:** 89%  
**Capital Budget:** N/A

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### **PROJECT BACKGROUND**

This project is a part of the original People's Transportation Plan (PTP) Neighborhood Improvements Program.

Provides each Commission District with funds for Neighborhood Improvements in the categories as listed above and according to the Two Year Plan's allocation formula based on population, reported needs and County-maintained road lane miles.

### **PROJECT DESCRIPTION**

Modifications of intersections; resurfacing of local and arterial roads; installation/repairs of guardrails; installation of school flashing signals and enhancement of greenways and bikeways; replacement/repair of sidewalks; repair/installation of drainage, landscape beautification roadway signage, roadway lighting, pavement markings, and traffic calming; and Americans with Disabilities Act (ADA) accessibility to bus stops throughout the County.

### **PROJECT SCHEDULE/STATUS**

Currently under construction and 89% complete. The expected completion is the end of 2019. The department continues to coordinate the Neighborhood Improvement Projects with County Commissioners' Offices. The Citizens' Independent Transportation Trust (CITT) and Board of County Commissioners (BCC) have approved 136 PTP construction contracts totaling \$105.5 million. To accelerate many neighborhood projects, the department continues to take advantage of various contracting mechanisms, such as the Miscellaneous Contracting processes available under contracts 7360 and 7040.

### **FISCAL IMPACT**

The total amount of \$81.088M million has been expended. Total cost is \$91.425 million, per Resolution R-87-04 described above and unchanged from Initial FY 2011-16 Five-Year Plan and subsequent Plans.

## 10. Traffic Signals and Signs Operations

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**Department:** Public Works  
**Phase:** Construction  
**Completion Date:** 2018  
**Funding Source(s):** PTP/Surtax  
**Completion Percentage:** 93%  
**Capital Budget:** N/A

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### **PROJECT BACKGROUND**

This project is a part of the original People's Transportation Plan (PTP) Neighborhood Improvements Program.

### **PROJECT DESCRIPTION**

Provides continued support to traffic signal operations to carry out traffic signal retiming, active arterial management, signal equipment maintenance, and other strategies that support continuous efficient and effective traffic signal operations that allow for optimal and dependable mobility.

Traffic Signal Operations uses proven traffic strategies and the latest technologies so that Traffic Signal Operations Engineers can continuously monitor traffic patterns and actively re-time traffic signals to maintain optimal traffic flow. Additionally, Traffic Signals and Signs Operations provides around the clock system support and maintenance to all traffic signals, traffic control devices, traffic signage, illuminated street name signs, pavement markings, and vehicle detection systems.

### **PROJECT SCHEDULE/STATUS**

Continuing program. Since the inception of the program, the department has installed illuminated street name signs at all eligible intersections throughout the County.

### **FISCAL IMPACT**

Total cost is \$34.686 million with \$32.143 million expended.

## 11. Resurfacing, Sidewalks and Drainage on Arterial Roads

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**Department:** Public Works  
**Phase:** On-going  
**Completion Date:** 2017/2018  
**Funding Source(s):** PTP/Surtax  
**Completion Percentage:** 64%  
**Capital Budget:** N/A

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### **PROJECT BACKGROUND**

This project is a part of the original People's Transportation Plan Neighborhood Improvements Program.

### **PROJECT DESCRIPTION**

Improve arterial roads including resurfacing, sidewalks, and drainage.

### **PROJECT SCHEDULE/STATUS**

Countywide projects have been completed; additional improvements may be identified with ongoing budget development.

### **FISCAL IMPACT**

The estimated cost for this project is \$1.405 million, with \$905,000 expended.

## 12. School Flashing Signals

**Department:** Public Works  
**Phase:** Construction  
**Completion Date:** FY 2018  
**Funding Source(s):** PTP/Surtax  
**Completion Percentage:** 94%  
**Capital Budget:** N/A

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### **PROJECT BACKGROUND**

This project is a part of the original People's Transportation Plan (PTP) Neighborhood Improvements Program.

### **PROJECT DESCRIPTION**

Install school flashing signals and signs.

### **PROJECT SCHEDULE/STATUS**

Currently under construction, this project is 94% complete with expected completion by the end of 2019. There are 76 schools that have been identified for 2021. In FY 2014-15, the department continued the design and installation of the feedback signs and its implementation is planned to out of the originally identified 100 high school sites. The extend timeframe comes as the Florida Department of Transportation is developing a new school zone flashing signal program and legislation which may require all schools be implemented in three separate contracts within next two years equipped with school zone flashing signals. The proposed program would provide local agencies with funding how supplemental funding may be required.

### **FISCAL IMPACT**

The total estimated cost of this project is \$14.735 million with \$13.790 million expended. Pursuant to Citizens' Independent Transportation Trust Resolution in April 2010, \$3.6 million was added to budget for the installation of Dynamic Speed Feedback signs and the program was extended to include the addition of the new installations.

The department expects minimal impact to its operating budget with the completion of this project.

## 13. ADA Sidewalks

**Department:** Public Works  
**Phase:** Complete  
**Completion Date:** 2008/2009  
**Funding Source(s):** PTP/Surtax  
**Completion Percentage:** 100%  
**Capital Budget:** N/A

### PROJECT BACKGROUND

This project is a part of the original People's Transportation Plan (PTP) Neighborhood Improvements Program. This project was originally allocated over \$4 million of Surtax funds, which along with funding from the General Obligation Bond Program were used to improve Americans with Disabilities Act (ADA) accessibility for Transit facilities throughout the County.

### PROJECT DESCRIPTION

Sidewalks improvements to correct ADA deficiencies.

### PROJECT SCHEDULE/STATUS

The project is complete.

### FISCAL IMPACT

The project utilized \$4.40 million in PTP funding.

## 14. Roadway Lighting (Retrofit)

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**Department:** Public Works  
**Phase:** Construction  
**Completion Date:** 2020  
**Funding Source(s):** PTP/Surtax  
**Completion Percentage:** 74%  
**Capital Budget:** N/A

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### **PROJECT BACKGROUND**

This project is a part of the People's Transportation Plan Neighborhood Improvements Program.

### **PROJECT DESCRIPTION**

The Roadway lighting (retrofit) project was implemented to retrofit all roads with outdated lighting systems.

### **PROJECT SCHEDULE/STATUS**

This project is currently on hold. An estimated completion date is not available at this time. The County is exploring a Smart City/ Energy Savings Project which would seek to upgrade all streetlights with smart LED lighting fixtures, as well as other Smart City technology components.

Changes in the National Electrical Code and emerging technologies are affecting this effort. The department has been exploring a Countywide upgrade to the lighting system that would retrofit the existing lights with new light-emitting diode technology for energy savings as well as introduce new Smart City technologies to the infrastructure.

### **FISCAL IMPACT**

The total estimated cost is \$5.91 million, the same as estimated in the Initial FY 2011-16 Five-Year Plan and \$4.362 million has been expended to date.

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