



Safe Routes to School Study Implementation Project

This project involves infrastructure improvements affecting a 2-mile radius around Pinecrest Elementary School and Palmetto Elementary School as part of the federally funded Florida Safe Routes to School Program. The program encourages children, including those with disabilities, to walk and/or bike to school by providing a safer and more appealing transportation alternative, encouraging a healthy and active life style from an early age.

Project History

The *Safe Routes to Schools Program* is a Federal-Aid program of the US Department of Transportation's Federal Highway Administration. The program provides funds to the states to substantially improve the ability of school students to walk and bicycle to school safely. The purposes of the program are: 1) to enable and encourage children, including those with disabilities, to walk and bicycle to school, 2) to make bicycling and walking to school a safer and more appealing transportation alternative, thereby encouraging a healthy and active lifestyle from an early age; and 3) to facilitate the planning, development, and implementation of projects and activities that will improve safety and reduce traffic, fuel consumption, and air pollution in the vicinity (approximately 2 mile radius) around schools.

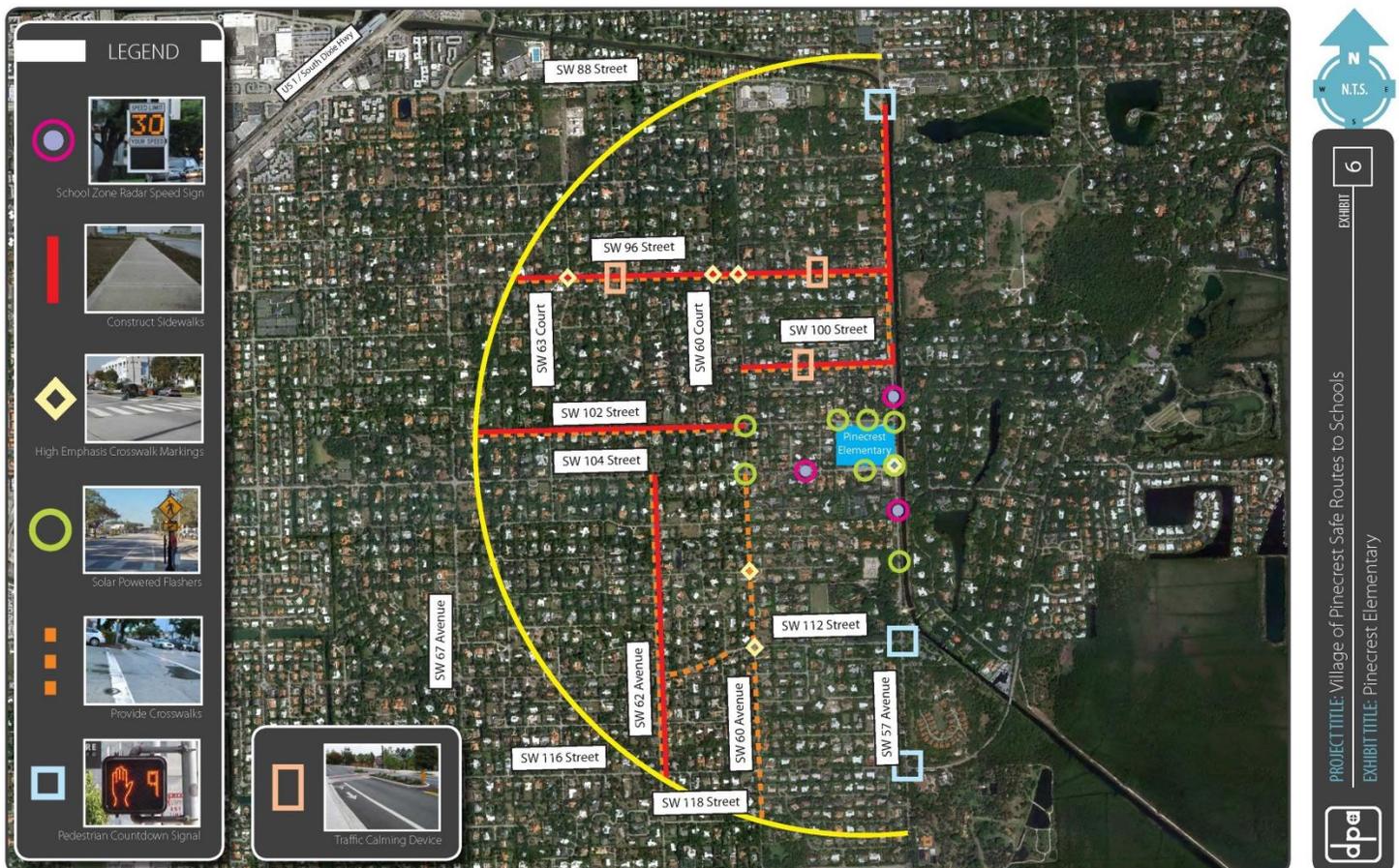
In November 2010, the Village received a \$40,000 grant from the Miami-Dade County Metropolitan Planning Organization to develop a study to provide recommendations on how to create a safe pedestrian and bicycle route to all five public schools serving the Village of Pinecrest. The Village Council commissioned the traffic consulting firm, David Plummer and Associates in January 2011 to complete the study. In addition to user survey implementation, data collection and analysis, David Plummer and Associates worked with representatives from Miami-Dade County Public Works and the Miami-Dade County School Board to review alternatives for the study. The consultant also developed a public involvement plan that provided three resident workshops held before the Village's Transportation Advisory Committee on July 6, 2011, November 14, 2011 and December 12, 2011. During those meetings, the resident advisory committee reviewed the results of the user survey administered to all properties with school aged children living within a 2-mile radius of the five schools, as well as the data collected and the draft recommendations of the study.

The completed *Safe Routes to School Study* was submitted to the Village Council for final approval in February 2012. Although the study looked at the surrounding areas for all five public schools that serve Pinecrest, due to anticipated grant funding limitations the Village Council approved only those improvements that would affect Pinecrest Elementary School and Palmetto Elementary School. In addition, the recommended improvements were divided by the Village Council into three priority areas to allow for a phased approach to implementation.

On March 19, 2013, the Village Council authorized the Local Agency Program Agreement with the Florida Department of Transportation to accept grant funding in the amount of \$194,520 for design and construction of the Phase 1 (Priority 1) improvements. Design of the Safe Routes to School *Phase 1 Improvement Project* was awarded to David Plummer and Associates on December 10, 2013. Since that time, the Village staff has worked with the traffic engineers developing the plans and Florida Department of Transportation representatives to review plan design and issue bid documents in accordance with all the Federal and State regulations for the administration of federally funding projects. During the Fiscal Year 2014-15 Budget process, the Village Council appropriated \$30,000 for design of the *Phase 2 Implementation Project* and \$100,000 for construction of same. The Village Council authorized the Village Manager to proceed with award of the construction bid for Phase I and authorized the Village Manager to proceed with the Phase 2 design at the April 14, 2015 Council meeting.

Pinecrest Elementary School Improvements

The Safe Routes to School Study recommended a slew of improvements to be made around a 2-mile radius of the school including new sidewalks, crosswalks, pedestrian flashers, pedestrian countdown signals, and electronic speed feedback signs. As indicated previously, the Village Council approved the improvements in a phased approach addressing three priority areas with the highest priority given to the Phase 1 improvements and so forth. Following is a map detailing all the recommended improvements around Pinecrest Elementary School as well as a list of priority projects.



Priority 1: The Village Council approved the commencement of construction of the Pinecrest Elementary School Phase 1 Improvements at the April 14, 2015 Council meeting. Construction will begin in April 2015 as follows:

- Update all signs to the new standards of fluorescent yellow-green faceplates
- Install electronic speed feedback signs at Red Road north of SW 102nd Street and south of SW 104th Street
- Install electronic speed feedback signs at SW 104th Street west of SW 58th Court
- Install pedestrian activated solar powered enhancer flashers at Red Road at the crosswalk north of SW 111th Street, the crosswalk on SW 104th Street and SW 60th Avenue and SW 102nd Street west of Red Road
- Install Pedestrian countdown signals at Red Road at crosswalk south of SW 104th Street
- Install sidewalks and crosswalks at Red Road from SW 96th Street to SW 97th Street
- Install sidewalks and crosswalks at Red Road north of SW 100th Street to complete sidewalk gap

Priority 2: The Village Council approved commencement of design of the Pinecrest Elementary School Phase 2 Improvements at the April 14, 2015 Council meeting. Once design is completed, the Village Council will consider proceeding with construction in the Fall 2015.

- Install sidewalks along the west side of Red Road from Kendall Drive south to SW 96th Street
- Install crosswalks along Red Road from SW 96th Street south to SW 100th Street
- Install crosswalks along SW 60th Avenue from SW 104th Street south to SW 116th Street
- Install crosswalks along SW 112th Street from SW 62nd Avenue east to SW 60th Avenue
- Install pedestrian countdown signals at the intersections of Red Road and SW 112th Street and Old Cutler Road
- Install high emphasis pedestrian crosswalks at SW 96th Street at SW 60th Court and SW 60th Avenue

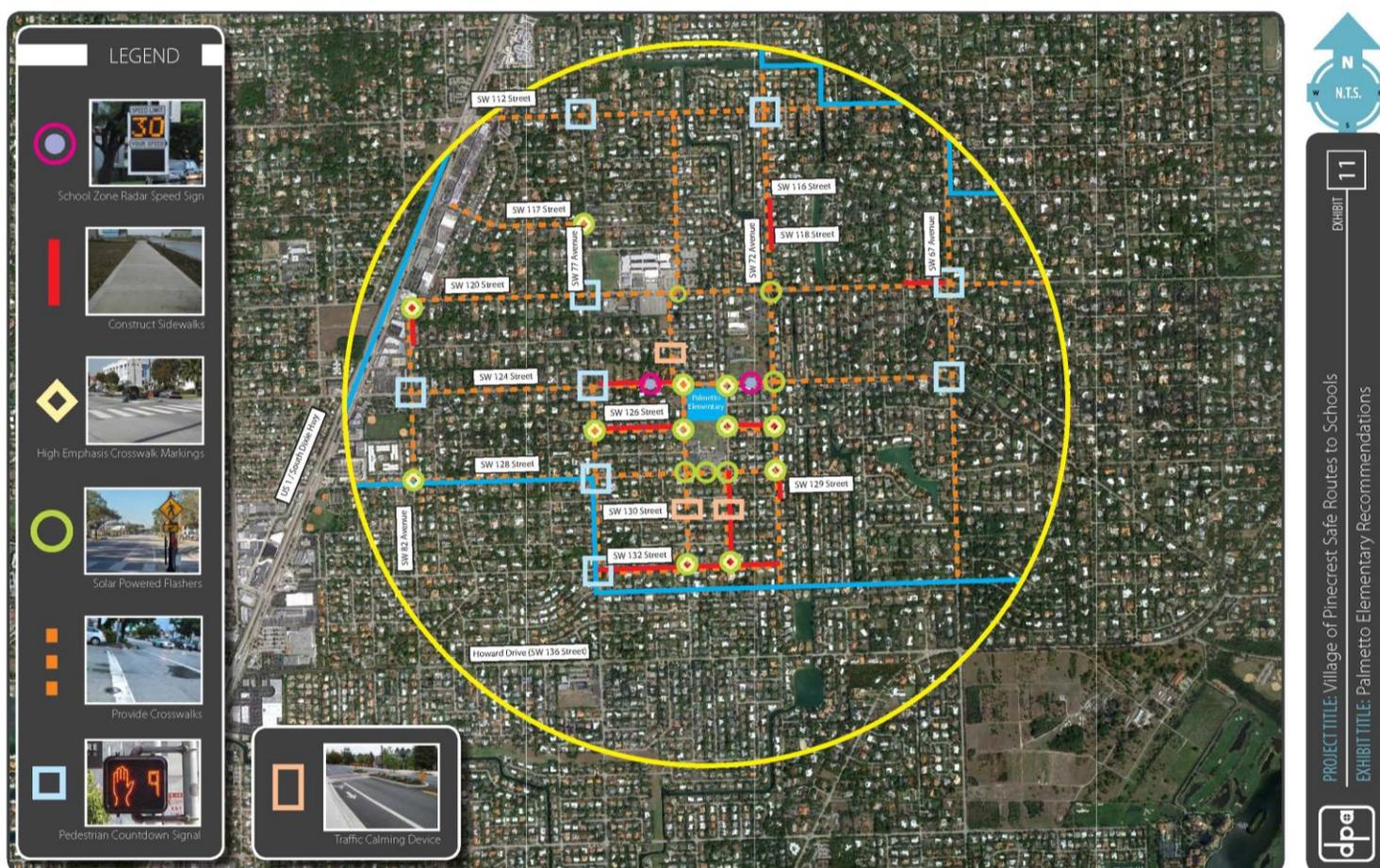
Priority 3: The Village Council will likely review continuation of design and construction of Phase 3 Improvements during Fiscal Year 2015-2016 budgetary process.

- Install sidewalks and crosswalks along the west side of SW 62nd Avenue from SW 104th Street south to SW 116th Street
- Install sidewalks and crosswalks along the south side of SW 96th Street from Red Road west to SW 67th Avenue
- Install sidewalks and crosswalks along the north side of SW 100th Street from Red Road west to SW 60th Avenue
- Install sidewalks and crosswalks along the north side of SW 102nd Street from SW 60th Avenue west to SW 67th Avenue
- Install crosswalks along Red Road between Kendall Drive and SW 96th Street
- Install crosswalks along SW 111th Street at the intersections of SW 60th Court and SW 59th Court
- Install high emphasis crosswalks at SW 60th Avenue at SW 108th Street and SW 111th Street
- Install high emphasis crosswalks at SW 96th Street at SW 63rd Court

- Further investigate the need for traffic calming devices at SW 96th Street between Red Road and SW 60th Avenue and between SW 60th Court and SW 63rd Court, as well as SW 100th Street between SW 58th Avenue and SW 59th Avenue

Palmetto Elementary School Improvements

The Safe Routes to School Study recommended a slew of improvements to be made around a 2-mile radius of the school including new sidewalks, crosswalks, pedestrian flashers, pedestrian countdown signals, and electronic speed feedback signs. The Village Council approved the improvements in a phased approach addressing three priority areas with the highest priority given to the Phase 1 improvements and so forth. Following is a map detailing all the recommended improvements around Palmetto Elementary School as well as a list of priority projects.



Priority 1: The Village Council approved the commencement of construction of the Palmetto Elementary School Phase 1 Improvements at the April 14, 2015 Council meeting. Construction will begin in April 2015 as follows:

- Update all signs to the new standard of fluorescent yellow-green faceplates

- Install electronic speed feedback signs at SW 124th Street east of SW 73rd Avenue and west of SW 74th Court
- Install high emphasis crosswalk at SW 73rd Avenue and SW 124th Street
- Install high emphasis crosswalk at SW 74th Avenue and SW 124th Street

Priority 2: The Village Council is expected to approve commencement of design of the Palmetto Elementary School Phase 2 Improvements at the April 14, 2015 Council meeting. Once design is completed, the Village Council is expected to consider proceeding with construction in the Fall 2015.

- Install crosswalks along SW 72nd Avenue from SW 112th Street to SW 132nd Street
- Install crosswalks along SW 74th Avenue from SW 112th Street to SW 120th Street on west side of road
- Install crosswalks along SW 77th Avenue from SW 124th Street to SW 132nd Street
- Install crosswalks along SW 122nd Street at 73rd Avenue east to west and at 74th Court east to west
- Install crosswalks along SW 124th Street from US 1 to SW 64th Avenue
- Install crosswalks along SW 128th Street from SW 83rd Court to SW 71st Avenue
- Install high emphasis crosswalks at SW 72nd Avenue and SW 128th Street
- Install high emphasis crosswalks at SW 112th Street and 74th Avenue on the east side
- Install pedestrian countdown signals at the intersections of SW 67th Avenue at SW 120th Street and SW 124th Street
- Install pedestrian countdown signals at the intersections of SW 77th Avenue at SW 120th Street, SW 124th Street and SW 128th Street.
- Install electronic feedback speed signs at SW 112th Street, east of 74th Avenue
- Install electronic feedback speed signs at SW 74th Avenue and 129th Street
- Add a pedestrian crosswalk across 57th Avenue somewhere north of 105th Street to provide safe crossing to the linear park

Priority 3: The Village Council will likely review continuation of design and construction of Phase 3 Improvements during Fiscal Year 2015-2016 budgetary process.

- Install sidewalks and crosswalks along the east side of SW 73rd Avenue from SW 128th Street to SW 136th Street
- Install sidewalks and crosswalks along the north side of SW 126th Street from SW 77th Avenue to SW 72nd Avenue
- Install sidewalks and crosswalks along the south side of SW 132nd Street from SW 77th Avenue to SW 72nd Avenue
- Install sidewalk along the west side of SW 82nd Avenue from SW 120th Street to SW 121st Street
- Install crosswalks at SW 67th Avenue from SW 112th Street south to SW 132nd Street
- Install crosswalks at SW 82nd Avenue from SW 120th Street south to SW 128th Street
- Install crosswalks at SW 117th Street from US 1 to SW 77th Avenue
- Install crosswalks at SW 120th Street from US 1 to SW 62nd Avenue
- Install crosswalks at SW 124th Street from SW 82nd Avenue to SW 67th Avenue
- Install high emphasis crosswalk at SW 72nd Avenue and SW 126th Street

- Install high emphasis crosswalks at SW 73rd Avenue at SW 126th Street and SW 132nd Street
- Install high emphasis crosswalks at SW 74th Avenue at SW 126th Street and SW 132nd Street
- Install high emphasis crosswalks at SW 77th Avenue at SW 117th Street and SW 126th Street
- Install high emphasis crosswalks at SW 82nd Avenue at SW 128th Street and SW 132nd Street
- Install high emphasis crosswalks at SW 132nd Street at SW 77th Avenue to SW 72nd Avenue
- Install pedestrian activated solar powered enhancer flashers at SW 126th Street at SW 72nd Avenue, SW 73rd Avenue, SW 74th Avenue, and SW 77th Avenue
- Install pedestrian activated solar powered enhancer flashers at SW 120th Street at SW 82nd Avenue and SW 74th Avenue
- Install pedestrian activated solar enhancer flashers at SW 117th Street and SW 77th Avenue
- Install pedestrian countdown signals at SW 72nd Avenue and SW 112th Street
- Install pedestrian countdown signals at SW 77th Avenue at SW 120th Street and SW 132nd Street
- Further investigate the need for traffic calming devices at SW 73rd Avenue between SW 128th Street and SW 132nd Street, as well as SW 74th Avenue between SW 120th Street and SW 124th Street and between SW 128th Street and SW 132nd Street

Safe Routes to School Study Timeline

	Dec 2010	Jan 2011	Feb 2011	Mar 2011	Apr 2011	May 2011	June 2011	July 2011	Aug 2011	Sep 2011	Oct 2011	Nov 2011	Dec 2012
Village Council commissions study	X												
Request for Proposal process		X											
Plummer and Assoc. contracted		X											
Study Development		X	X	X	X	X	X						
Resident Workshops								X				X	X

	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	June 2012	July 2012	Aug 2012	Sep 2012	Oct 2012	Nov 2012	Dec 2012	Jan 2013
Village Council receives draft study	X												
Village Council approves final study with priorities		X											

Phase 1 Implementation Project Timeline

	Feb 2013	Mar 2013	Apr 2013	May 2013	June 2013	July 2013	Aug 2013	Sep 2013	Oct 2013	Nov 2013	Dec 2013	Jan 2014	Feb 2014
Village Council accepts grant for Phase 1		X											
Village works with FDOT to develop RFQ			X	X	X	X	X						
RFQ for design consultant issued							X	X					
Plummer and Assoc. contracted for design									X	X	X		
Design Development												X	X

	Mar 2014	Apr 2014	May 2014	June 2014	July 2014	Aug 2014	Sep 2014	Oct 2014	Nov 2014	Dec 2014	Jan 2015	Feb 2015	Mar 2015	Apr 2015
Design Development	X	X	X	X										
FDOT review of design of Phase 1				X	X	X	X	X	X					
FDOT issues Notice to Proceed with Bid									X					
Bid Issued and Responses Received										X	X	X		
Village Council presentation regarding project												X	X	
Village Council approval Construction Bid														X

Phase 2 Implementation Project Timeline

	Sep 2014	Oct 2014	Nov 2014	Dec 2014	Jan 2015	Feb 2015	Mar 2015	Apr 2015	May 2015	June 2015	July 2015	Aug 2015	Sep 2015
Council approved budget appropriation for Phase 2 Design and Construction	X	X											
Village Council presentation regarding project						X	X						
Council authorizing design of Phase 2								X					
Phase 2 Design Development								T	T	T			
Bid for Design										T	T		
Council considers proceeding with Construction												T	T



Future Action

Once design of Phase 2 has been completed, the Village Council will consider proceeding with construction of Phase 2 of the project.

	Apr 2015	May 2015	June 2015	July 2015	Aug 2015	Sep 2015	Oct 2015	Nov 2015	Dec 2015	Jan 2016	Feb 2016	Mar 2016	April 2016
Resolution authorizing contract for construction of Phase 2							T						