

**BOARD OF COUNTY COMMISSIONERS**

**DATE:** September 11, 2014  
**AGENDA ITEM NO.** 5

**Consent Agenda**

**Regular Agenda**

**Public Hearing**

*C. Scott*

**County Administrator's Signature:**

**Subject:**

Ratification of Six (6) County Incentive Grant Program (CIGP) Applications with the Florida Department of Transportation (FDOT) for Design and Construction of Various Road Improvement, Intersection Improvement and Advanced Traffic Management System (ATMS)/Intelligent Transportation System (ITS) Projects within Pinellas County

**Department:**

Environment & Infrastructure

**Staff Member Responsible:**

David E. Scott, P.E.  
 Executive Director

**Recommended Action:**

I RECOMMEND THE BOARD OF COUNTY COMMISSIONERS (BOARD) RATIFY, CONFIRM AND ENTER INTO THE MINUTES SIX (6) CIGP APPLICATIONS WITH THE FDOT, PREVIOUSLY APPROVED BY THE COUNTY ADMINISTRATOR, FOR DESIGN AND CONSTRUCTION OF VARIOUS ROAD IMPROVEMENT, INTERSECTION IMPROVEMENT AND ATMS/ITS PROJECTS WITHIN PINELLAS COUNTY.

**Summary Explanation/Background:**

The County has initiated various transportation projects that are aligned with the goals of the 2060 Florida Transportation Plan, the Pinellas County Comprehensive Plan, and the Metropolitan Planning Organization (MPO) 2035 Long Range Transportation Plan. The benefits of these projects include implementing safe, convenient, and energy efficient traffic management through improved traffic circulation and reduced carbon emissions. These future projects are considered a component of an overall economic strategy plan as referenced in the Pinellas County Transportation Plan's Transportation Element. The following grant applications are being submitted:

	PROJECT	ESTIMATED TOTAL COST	REQUESTED GRANT AMOUNT
1.	Design & Construction of the 49 <sup>th</sup> Street N (County Road 611) ATMS/ITS from 46 <sup>th</sup> Avenue N to SR 60	\$ 3,363,600.00	\$ 1,681,800.00
2.	Forest Lakes Boulevard between Pine Avenue N and Race Track Road – Road Improvement	\$ 6,535,000.00	\$ 3,267,500.00
3.	NE Coachman Road and Old Coachman Road – Intersection Improvement	\$ 1,140,000.00	\$ 570,000.00
4.	Phase 3 ATMS Expansion	\$ 3,000,000.00	\$ 1,500,000.00
5.	Starkey Road from 82 <sup>nd</sup> Avenue N to Bryan Dairy Road – Road Improvement	\$10,700,000.00	\$ 5,350,000.00
6.	Alternate U.S. 19 (State Road 595) at Nebraska Avenue – Signalization & Trail Connector Project	\$ 500,000.00	\$ 250,000.00
	<b>GRAND TOTAL</b>	<b>\$25,238,600.00</b>	<b>\$12,619,300.00</b>

Due to a firm deadline for submission of the grant applications, staff requested the County Administrator approve the grant applications in order to expedite the process by the August 15, 2014 due date. Should the applications be determined eligible, feasible and subsequently funded, the FDOT Agreements will be brought to the Board for approval of each individual project. The FDOT Agreements will secure the funding and define responsibilities for each Project.

The anticipated grant funding, if approved from FDOT, is approximately fifty-percent (50%). The County's portion of funding will be provided by the Infrastructure Sales Tax (Penny for Pinellas), and the Local Option Gas Tax.

**Fiscal Impact/Cost/Revenue Summary:**

There is no fiscal impact to the County with the submission of these applications. Should funding be approved for the projects, the County will be reimbursed fifty-percent (50%) of project costs incurred subsequent to the execution of the FDOT Agreements.

**Exhibits/Attachments Attached:**

Six (6) CIGP Application Requests Approved by the County Administrator on August 13, 2014

**TO:** Mark S. Woodard, County Administrator

**THROUGH:** David E. Scott, P.E., Executive Director, Department of Environment & Infrastructure (DEI) 

**FROM:** Dave Talhouk, Grants Program Administrator, Engineering & Technical Support 

**SUBJECT:** Six (6) Grant Applications with the Florida Department of Transportation (FDOT) for Various Design, Construction, and Advanced Traffic Management System (ATMS)/Intelligent Transportation System (ITS) Projects within Pinellas County

**DATE:** August 13, 2014

**RECOMMENDATION:** I RECOMMEND THE COUNTY ADMINISTRATOR APPROVE THE SIX GRANT APPLICATIONS WITH THE FDOT FOR VARIOUS DESIGN, CONSTRUCTION, AND ADVANCED TRAFFIC MANAGEMENT SYSTEM (ATMS)/INTELLIGENT TRANSPORTATION SYSTEM (ITS) PROJECTS WITHIN PINELLAS COUNTY.

**DISCUSSION:** The County has initiated various design and construction projects with the goals of the 2060 Florida Transportation Plan, the Pinellas County Comprehensive Plan, and the Metropolitan Planning Organization (MPO) 2035 Long Range Transportation Plan. The benefits of these projects include implementing safe, convenient, and energy efficient traffic management through improved traffic circulation and reduced carbon emissions. These future projects are considered a component of an overall economic strategy plan as referenced in the Pinellas County Transportation Plan's Transportation Element. The following grant applications are being submitted:

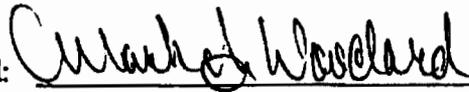
PROJECT	ESTIMATED TOTAL PROJECT COSTS	REQUESTED GRANT AMOUNT
Design & Construction of the 49 <sup>th</sup> Street N (County Road 611) ATMS/ITS	\$ 3,363,600.00	\$ 1,681,800.00
Forest Lakes Boulevard between Pine Avenue N and Race Track Road	\$ 6,535,000.00	\$ 3,267,500.00
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Phase 3 ATMS Expansion	\$ 3,000,000.00	\$ 1,500,000.00
Starkey Road from 82 <sup>nd</sup> Avenue N to Bryan Dairy Road – Road Improvements	\$10,700,000.00	\$ 5,450,000.00
Alternate U.S. 19 (State Road 595) at Nebraska Avenue – Signalization & Trail Connector Project	\$ 500,000.00	\$ 250,000.00
GRAND TOTAL	\$25,238,600.00	\$12,619,300.00

The anticipated grant funding, if approved from the FDOT, is approximately 50%. The County's portion of funding will be provided by the Infrastructure Sales Tax (Penny for Pinellas), and the Local Option Gas Tax.

Should the applications be determined eligible, feasible and subsequently funded, the FDOT Agreements will be brought to the Board for approval of each individual project. The FDOT Agreements will secure the funding and define the responsibilities for each Project.

Approval of this item exceeds the authority of the County Administrator, however, submission of the application is due to FDOT by August 15, 2014. Staff will follow-through with submission of a ratification memo to the Pinellas County Board of County Commissioners immediately following approval of this item.

Recommendation Approved:

  
Mark S. Woodard, County Administrator

Date: 8/15/14

Attachments:

Six (6) FDOT Grant Applications with Transmittal Memos to FDOT

**BOARD OF COUNTY  
COMMISSIONERS**

Charlie Justice  
Susan Latvala  
Janet C. Long  
John Morroni  
Norm Roche  
Karen Williams Seel  
Kenneth T. Welch



August 12, 2014

Ms. Carin Watkins  
Special Projects Coordinator  
Florida Department of Transportation  
11201 N. McKinley Drive, MS 350  
Tampa, FL 33612

Subject: County Incentive Grant Program (CIGP)  
49<sup>th</sup> Street N (CR 611) from 46<sup>th</sup> Avenue N to SR 60 - ATMS/ITS Project  
County PID No. 000106A

Dear Ms. Watkins:

With this letter of application, Pinellas County is hereby requesting funding assistance for design and construction of the 49th Street N (CR 611) ATMS/ITS Project through the County Incentive Grant Program.

Applicant Information

Ken Jacobs  
Traffic Engineering Section Manager  
Pinellas County Department of Environment and Infrastructure  
22211 US 19 North  
Building 1  
Clearwater, FL 33765  
Phone (727) 464-8928  
Fax: (727) 464-8908  
Email – [kjacobs@pinellascounty.org](mailto:kjacobs@pinellascounty.org)

Project Description

The proposed project is for the design and installation of Advanced Traffic Management System and Intelligent Transportation System (ATMS/ITS) equipment on 49th Street N between 46th Avenue N and SR 60. New controller cabinets, fiber optic communication, adaptive control software, dynamic message signs and closed-circuit television cameras will be provided.

49th Street N is a six lane divided facility that services several municipalities on the east side of Pinellas County. An average daily traffic volume of 41,627 has been reported within the project limits. A level of service of D has also been recorded south of Roosevelt Boulevard. The implementation of ATMS/ITS systems will facilitate improved signal progression and traffic surveillance. When the project is finished, a twenty-five mile network will be available for motorists traversing 49th Street N between 46th Avenue N and Trinity Boulevard.

PLEASE ADDRESS REPLY TO:

Transportation and Stormwater Division, 22211 US 19 N. - Bldg. 1, Clearwater, FL 33765  
Phone: 727/464-8922 [www.pinellascounty.org](http://www.pinellascounty.org)



The majority of this corridor, from US 19 to SR 60, is included in the Pinellas County MPO 2035 Long Range Transportation Plan as a Phase 1 Intelligent Transportation System Project. The remaining segments; Park Boulevard to US 19 and 46<sup>th</sup> Avenue N to Park Boulevard are classified as Phase II and III, respectively.

#### Project Location Map

A project location map has been included at the end of this submittal.

#### FDOT Five Year Work Program and Pinellas County Capital Improvement Plan

49<sup>th</sup> Street N is not on the state highway system. Therefore, it is not included in the Department's Five Year Work Program. Once grant funding is allotted, the project will be incorporated into the Pinellas County Capital Improvement Program.

#### Project Development Phases and Funding

Project design is anticipated to begin in FY 2017 with construction planned for FY 2018. Funding is being scheduled through the ATMS/ITS Countywide System Program (PID No. 000106A) in the Capital Improvement Program.

The anticipated cost of this project is \$3,363,600. The County requests the State participate in the design and construction phase of the project with a matching grant of \$1,681,800.

#### Plan Consistency

This project is in keeping with the 2060 Florida Transportation Plan, the Pinellas County Comprehensive Plan and the MPO 2035 Long Range Transportation Plan. Goals of these plans for the provision of safe, convenient and energy efficient systems are met by improved traffic circulation and reduced carbon emissions.

#### Benefits to the State Highway System

Motorists traversing 49<sup>th</sup> Street N should experience better traffic flow once these systems are in place. This should promote usage of 49<sup>th</sup> Street N and lessen congestion on State Road 693 (66<sup>th</sup> Street N) and State Road 55 (US 19).

#### .Strategy Plan Component

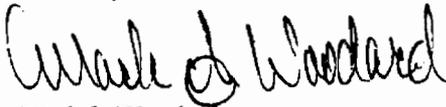
The 49th Street N ATMS/ITS project is considered a component of an overall economic strategy plan as referenced in the Pinellas County Transportation Plan's Transportation Element. Policy 1.1.1. states that "improvements undertaken by Pinellas County or the FDOT on concurrency management corridors shall be designed to alleviate the substandard level of service conditions to the extent feasible." Objective 1.8 states that "Pinellas County's transportation system should provide for safety and efficiency in the movement of people and goods."

Matching Funds Certification

I hereby certify that this project is to be funded through the County's Capital Improvement Program. Funds through the ATMS/TTS Countywide System Program. The County anticipates expending approximately \$267,000 in FY 17 for project design. Construction funding of \$3,096,600 will be programmed in the Capital Improvement Program in FY 18.

Thank you for the opportunity to apply for financial assistance through the County Incentive Grant Program. If you have questions regarding this application, please contact Ken Jacobs (727) 464-8928.

Sincerely,



Mark S. Woodard  
County Administrator

cc: Richard L. V. Coates, III, P.E. Director - Transportation and Stormwater Division  
Ken Jacobs, Traffic Engineering Section Manager  
David A. Talhouk, E.I., Grant Program Administrator - DEI  
Robert C. Meador, P.E., Traffic Engineering Senior Engineer

**49<sup>th</sup> STREET N ATMS/ITS PROJECT  
46<sup>th</sup> AVENUE N TO SR 60  
LOCATION MAP**



**BOARD OF COUNTY  
COMMISSIONERS**

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Kenneth T. Welch



August 12, 2014

Ms. Carin Watkins  
Special Projects Coordinator  
Florida Department of Transportation  
11201 N. McKinley Drive, MS 350  
Tampa, FL 33612

**Subject: County Incentive Grant Program (CIGP)**  
Forest Lakes Boulevard from Pine Avenue N to Race Track Road – Road Improvement Project  
County PID 002110A

Dear Ms. Watkins:

With this letter, Pinellas County is hereby applying for funding assistance for design and construction of a road widening project on Forest Lakes Boulevard between Pine Avenue N and Race Track Road.

Applicant Information

Ken Jacobs  
Traffic Engineering Section Manager  
Pinellas County Department of Environment and Infrastructure  
22211 US 19 North  
Building 1  
Clearwater, FL 33765  
Phone (727) 464-8928  
Fax: (727) 464-8908  
Email – [kjacobs@pinellascounty.org](mailto:kjacobs@pinellascounty.org)

Project Description

The proposed project is to widen Forest Lakes Boulevard between Pine Avenue N and Race Track Road from two to four lanes.

In the late 1990's Forest Lakes Boulevard was widened to a four lane divided facility between Tampa Road and Pine Avenue N. The proposed project will continue this profile to Race Track Road.

Forest Lake Boulevard services residents of Pinellas and Hillsborough County. This facility has a Level of Service of F carrying an average annual daily traffic count of approximately 20,822 vehicles.

Capacity improvements to this bi-County facility should reduce congestion, delays and the potential for accidents relating to merging activities.

PLEASE ADDRESS REPLY TO:

Transportation and Stormwater Division, 22211 US 19 N. - Bldg. 1, Clearwater, FL 33765  
Phone: 727/464-8922 [www.pinellascounty.org](http://www.pinellascounty.org)



### Project Location Map

A detailed project location map has been included in this submittal.

### FDOT Five Year Work Program and Pinellas County Capital Improvement Plan

The project is not on the state highway system and is therefore not included in the Department's Five-Year Work Program. It will be included in the Pinellas County FY 2015 Capital Improvement Program through PID 002110A. The proposed CIP is scheduled for adoption in mid September.

### Project Development Phases and Funding

The design phase of this project is planned for 2015 with construction scheduled for 2016. The project cost is \$6,535,000. The County is requesting the State participate on a 50/50 basis in the design and construction of this project.

### Plan Consistency

This project is consistent with the 2060 Florida Transportation Plan, Pinellas County Comprehensive Plan and the 2035 MPO Long Range Transportation Plan. The project meets goals of these plans by reducing traffic congestion and improving capacity along Forest Lakes Boulevard, a designated "constrained roadway".

### Benefits to the State Highway System

Currently Tampa Road (SR 580) operates at LOS D and F. SR 580 is used to access Hillsborough County and the Veteran's Expressway (State Road 589) and I-275. With completion of this widening project motorist could choose to use Forest Lakes Boulevard as an alternate route. With limited bi-county connecting roadways available from Pinellas to Hillsborough any additional improvements to facilities that service both counties will be beneficial to relieving congestion and delay. This in turn will reduce the traffic burden on the State facilities.

### Strategy Plan Component

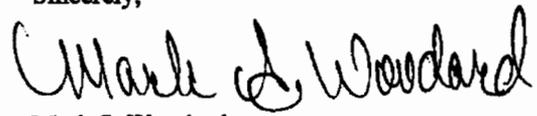
This project is considered a component of an overall economic or urban infill strategy plan as referenced in the Pinellas County Transportation Plan's Transportation Element.

### Matching Funds Certification

I hereby certify that the design and construction phases for this project will be funded in the County's FY 2015 – 2020 Capital Improvement Program. The Program is scheduled for adoption in mid September 2014. The County anticipates expending approximately \$1,035,000 for design being in Fiscal Years 2015. \$5,500,000 in construction funding is programmed in the Capital Improvement Program with construction commencing in Fiscal Year 2016.

Thank you for the opportunity to apply for funding assistance through the County Incentive Grant Program. If you have questions regarding this application, please contact Ken Jacobs (727) 464-8928.

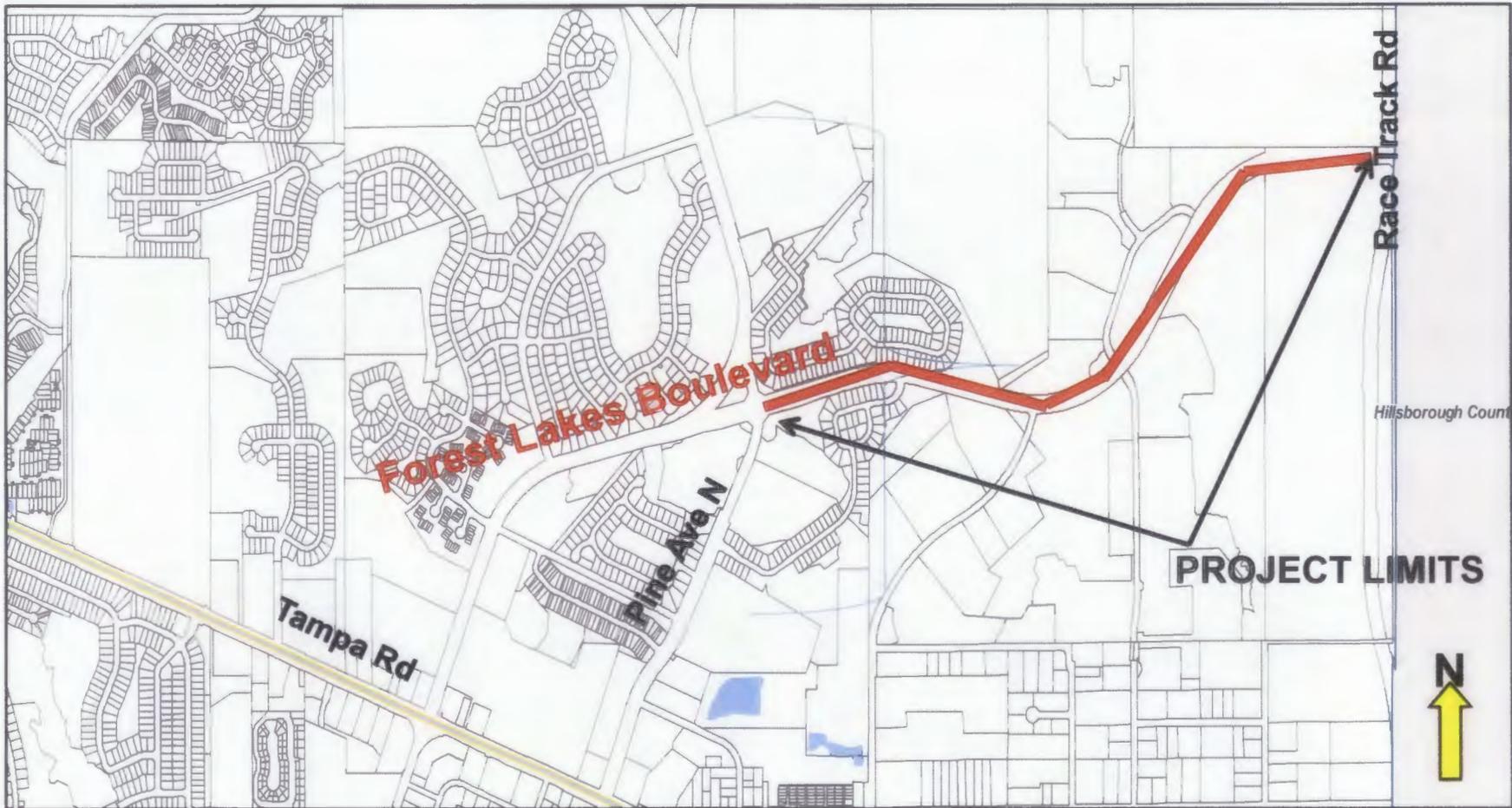
Sincerely,

A handwritten signature in black ink that reads "Mark S. Woodard". The signature is written in a cursive style with a large initial "M".

**Mark S. Woodard**  
County Administrator

**cc: Richard L. V. Coates, III, P.E. Director - Transportation and Stormwater Division**  
**Ken Jacobs, Traffic Engineering Section Manager**  
**David A. Talhouk, E.I., Grant Program Administrator - DEI**  
**Robert C. Meador, P.E., Traffic Engineering Senior Engineer**

**FOREST LAKES BOULEVARD  
FROM PINE AVENUE N TO RACETRACK ROAD  
ROAD IMPROVEMENT PROJECT  
LOCATION MAP**



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August 12, 2014

Ms. Carin Watkins  
Special Projects Coordinator  
Florida Department of Transportation  
11201 N. McKinley Drive, MS 350  
Tampa, FL 33612

Subject: County Incentive Grant Program (CIGP)  
NE Coachman Road and Old Coachman Road – Intersection Improvement Project  
County PID 001020A

Dear Ms. Watkins:

With this letter, Pinellas County is hereby applying for funding assistance for design and construction of an intersection improvement project for NE Coachman Road and Old Coachman Road.

Applicant Information

Ken Jacobs  
Traffic Engineering Section Manager  
Pinellas County Department of Environment and Infrastructure  
22211 US 19 North  
Building 1  
Clearwater, FL 33765  
Phone (727) 464-8928  
Fax: (727) 464-8908  
Email – [kjacobs@pinellascounty.org](mailto:kjacobs@pinellascounty.org)

Project Description

The purpose of this project is to improve safety, intersection efficiency and overall traffic flow by reconstructing and widening the intersection.

NE Coachman Road is designated as a State facility (SR 590). Improvements at this location are intended to lessen congestion and delays created by the absence of turn lanes.

A traffic analysis is currently underway with project design anticipated to begin after acceptance of the consultant's recommendations.

Several other projects are also scheduled for this location. The Florida Department of Transportation (FDOT) has a resurfacing project programmed for NE Coachman Road. Their project will dovetail its limits with the proposed project. Included with the resurfacing project are plans to provide a widened



sidewalk segment on the north side of NE Coachman Road between the intersection and the future recreational trail along the Duke Energy Easement. The County will provide the remainder of this walk with this project.

The City of Clearwater has also engaged a Consultant for the purposes of providing a Drainage Basin Study. Lastly, the proposed intersection improvement will be coordinated with another County project for the replacement of the bridge over Alligator Creek. This structure is on Old Coachman Road approximately 1500 linear feet south of this intersection.

#### Project Location Map

A detailed project location map has been included in this submittal.

#### FDOT Five Year Work Program and Pinellas County Capital Improvement Plan

NE Coachman Road is on the state highway system and is therefore included in the Department's Five-Year Work Program. The project is also included in the Pinellas County FY 2014-FY 2019 Capital Improvement Program through PID001020A.

#### Project Development Phases and Funding

The design phase of this project is planned for 2015 with construction scheduled for 2016. Design cost is estimated at approximately \$240,000 and construction at \$900,000. Total project cost is \$1,140,000. The County is requesting the State participate on a 50/50 basis in the design and construction of this project.

#### Plan Consistency

This project is consistent with the 2060 Florida Transportation Plan, Pinellas County Comprehensive Plan and the 2035 MPO Long Range Transportation Plan. Road widening from 2 lane undivided to 4 lane divided is ultimately recommended for NE Coachman Road between Drew Street and McMullen Booth Road. This intersection improvement should provide motorists some relief until more extensive work can be accomplished. Goals of these plans are met by improving efficiency for motorists traversing this intersection.

The addition of a widened sidewalk with this project is also in keeping with the 2035 MPO Long Range Transportation's Plans to promote livable communities and alternative transportation modalities.

#### Benefits to the State Highway System

NE Coachman Road is a State facility. Therefore improvements in capacity and reduced delay time resulting from new turn lanes benefit the State Highway System. These additions should improve traffic flow along this State roadway and along Old Coachman Road.

#### Strategy Plan Component

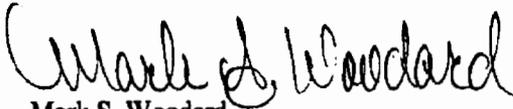
This project is considered a component of an overall economic or urban infill strategy plan as referenced in the Pinellas County Transportation Plan's Transportation Element.

**Matching Funds Certification**

I hereby certify that construction of this project is currently funded in the County's FY 2014 – 2019 CIP. The County anticipates expending approximately \$240,000 on project design beginning in Fiscal Year 2015. The remaining construction funding of \$900,000 will be provided by the Capital Improvement Program in FY2016.

Thank you for the opportunity to apply for funding assistance through the County Incentive Grant Program. If you have questions regarding this application, please contact Ken Jacobs (727) 464-8928.

Sincerely,



Mark S. Woodard  
County Administrator

cc: Richard L. V. Coates, III, P.E. Director - Transportation and Stormwater Division  
Ken Jacobs, Traffic Engineering Section Manager  
David A. Talhouk, E.I., Grant Program Administrator - DEI  
Robert C. Meador, P.E., Traffic Engineering Senior Engineer

# NE COACHMAN ROAD AND OLD COACHMAN ROAD INTERSECTION IMPROVEMENT PROJECT LOCATION MAP



**BOARD OF COUNTY  
COMMISSIONERS**

Charlie Justice  
Susan Latvala  
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Kenneth T. Welch



August 12, 2014

Ms. Carin Watkins  
Special Projects Coordinator  
Florida Department of Transportation  
11201 N. McKinley Drive, MS 350  
Tampa, FL 33612

Subject: County Incentive Grant Program (CIGP)  
Phase 3 ATMS Expansion Project

Dear Ms. Watkins:

Pinellas County is hereby applying for funding assistance for design and construction of a Phase 3 ATMS Expansion Project to provide new controller cabinets, closed-circuit television cameras (CCTV), communication devices and dynamic message signs at various locations throughout Pinellas County through the County Incentive Grant Program.

Applicant Information

Ken Jacobs  
Traffic Engineering Section Manager  
Pinellas County Department of Environment and Infrastructure  
22211 US 19 North  
Building 1  
Clearwater, FL 33765  
Phone (727) 464-8928  
Fax: (727) 464-8908  
Email – [kjacobs@pinellascounty.org](mailto:kjacobs@pinellascounty.org)

Project Description

Pinellas County has the unique distinction of being the most densely populated county in Florida. Over 916,000 people reside here. To assist in congestion mitigation, Pinellas County has installed approximately 85 miles of ATMS/ITS network on County and State facilities. An additional 196 miles is planned. However, some gap locations will still exist. These are intersections that were either not included in the primary ATMS/ITS networks, skipped due to conflicting construction or are in need of additional devices to provide complete coverage of the transportation network.

One such intersection is Sunset Point Road and Hercules Avenue. A CCTV at this location would fill a surveillance gap on Sunset Point Road between an existing system on Belcher Road and a future network on Keene Road. Adding a new signal cabinet would also provide the ability to operate the signal in adaptive control making Sunset Point operate more efficiently. Consequently, the County wishes to add new traffic signal control equipment, CCTV, Dynamic Message Signs (DMS) and the

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Phone: 727/464-8922 [www.pinellascounty.org](http://www.pinellascounty.org)



associated communication equipment at various intersections throughout Pinellas. The requested funding is for the design and installation of this equipment.

The Phase 3 ATMS Expansion Project should greatly increase the systems benefits; allowing improved operating efficiency of our signalized intersections and more complete coverage of our traveler information network. In turn this will provide the Traffic Control Center the ability to make quicker and better informed decisions on appropriate timing and phasing plans.

#### Project Location Listing

See attached.

#### FDOT Five Year Work Program and Pinellas County Capital Improvement Plan

Several of these intersections are on the State Roadway System. Therefore, this project should be included in the Department's Five Year Work Program. Once grant funding is allotted, the project will be incorporated into the Pinellas County Capital Improvement Program.

#### Project Development Phases and Funding

Project design is anticipated to begin in FY 2017 with construction planned for FY 2018. Funding is being scheduled through the ATMS/ITS Countywide System Program (PID No. 000106A) in the Capital Improvement Program.

The anticipated cost of this project is \$3 million. The County requests the State participate in the design and construction phase of the project with a matching grant of \$1.5 million.

#### Plan Consistency

Improved traffic circulation and reduced carbon emissions resulting from the installation of ATMS/ITS networks are consistent with the goals of the 2060 Florida Transportation Plan, the Pinellas County Comprehensive Plan and the MPO 2035 Long Range Transportation Plan. Therefore this project is in conformance with these plans.

#### Benefits to the State Highway System

Improved traffic flow and a reduction in traffic congestion on the State Highway System will be an end result of these proposed improvements. The implementation of a countywide ATMS/ITS system will provide drivers with the most up to date traffic information so they can better utilize all their travel options. The system will better distribute travel demands on both state and county roads, such as US 19, ALT US 19 and Belcher Road. Since some of the intersections receiving these upgrades are on the State Highway system, Florida Department of Transportation facilities will directly benefit in these locations and indirectly benefit from the proposed modifications on county roads also.

#### Strategy Plan Component

The Countywide ATMS/ITS Equipment Upgrade is considered a component of an overall economic strategy plan as referenced in the Pinellas County Transportation Plan's Transportation Element. Policy 1.1.1. states that "improvements undertaken by Pinellas County or the FDOT on concurrency

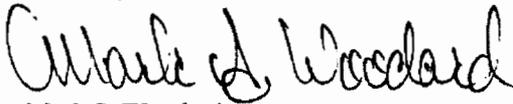
management corridors shall be designed to alleviate the substandard level of service conditions to the extent feasible." Objective 1.8 states that "Pinellas County's transportation system should provide for safety and efficiency in the movement of people and goods."

Matching Funds Certification

I hereby certify that this project is to be funded through the County's Capital Improvement Program. Funds are currently programmed through FY 17. The County anticipates expending approximately \$200,000 in FY 17 for project design. The remaining project funding will be provided by the Capital Improvement Program in FY 18.

We appreciate the opportunity to apply for funding assistance through the County Incentive Grant Program. If you have questions regarding this application, please contact Ken Jacobs (727) 464-8928.

Sincerely,



Mark S. Woodard  
County Administrator

cc: Richard L. V. Coates, III, P.E. Director - Transportation and Stormwater Division  
Ken Jacobs, Traffic Engineering Section Manager  
David A. Talhouk, E.I., Grant Program Administrator - DEI  
Robert C. Meador, P.E., Traffic Engineering Senior Engineer

## **PROPOSED CCTV AND DMS LOCATIONS\***

### **Recommended CCTV Locations:**

22211 US 19 N (2 )

71<sup>st</sup> St (Belcher Rd) at 54<sup>th</sup> Ave N

71<sup>st</sup> St (Belcher Rd) at 62<sup>nd</sup> Ave N

Belleair Causeway at Mid Point of Bridge

Curlew Rd at Landmark

Curlew Rd at Gull Aire Blvd

Drew St at Betty Ln

Drew St at Hampton Rd

Drew St at Hercules Ave

Drew St at Highland Ave

Drew St at Missouri Ave

Drew St at NE Coachman

Drew St at Old Coachman Rd

Duhme Rd at Welch Causeway

East Lake at Forelock Rd

East Lake Rd at SB DMS N of Keystone Rd

Forest Lakes Blvd at Lakeview Dr

Forest Lakes Blvd at Brooker Creek Blvd

Forest Lakes Blvd at Race Track Rd

Keystone Rd at Jasmine Ave

Keystone Rd E of East Lake Rd for WB DMS

Main St (SR 580) at Overcash Dr

**Main St (SR 580) at Patricia Ave**

**Main St (SR 580) at Skinner/Bass**

**McMullen Booth Rd at Ruth Eckerd for SB DMS**

**McMullen Booth Rd at Mease Dr**

**McMullen Booth Rd at Sunset Point Rd**

**Nebraska at Westlake Blvd**

**S Fort Harrison Ave at Chestnut St**

**SR 580 at Landmark Dr**

**SR 60 at Lake Ave for DMS**

**SR 60 at Hercules Ave**

**SR 60 at Old Coachman Rd**

**SR 686 at 62<sup>nd</sup> St**

**SR 686 at Bedford Cir W**

**SR 686 at Fulton Dr SE**

**SR 686 at Lake Ave NE**

**SR 686 at Central Park Dr**

**SR 686 at 28<sup>th</sup> St N**

**Sunset Point Rd at Douglas**

**Sunset Point Rd at Hercules Ave**

**Sunset Point Rd at Highland Ave**

**Sunset Point Rd at Old Coachman Rd**

**Sunset Point Rd at Top of the World**

**Tampa Rd at 19<sup>th</sup> St**

**Tampa Rd at 15<sup>th</sup> St**

**Tampa Rd at E St Petersburg Dr**

**Tampa Rd at East Lake Woodlands Pkwy**

**Tampa Rd at Shady Oaks**

**Tampa Rd at West Lake Blvd**

**Tarpon Ave W of US 19**

**US 19 at Drew St**

**US 19 at SR 580**

**US 19 at SR 590**

**US 19 at Sunset Point Rd**

**US 19 at Whitney Rd**

**West Bay Dr at 4<sup>th</sup> St SW**

**West Bay Dr at 20<sup>th</sup> St SW**

**Recommended DMS Locations:**

**Curlew Rd (EB) at Shady Oaks Dr**

**McMullen Booth Rd (NB) N of SR 590**

**\*This is a working list and locations are subject to change.**

**PROPOSED CABINET LISTING\***

18	RIVERSIDE DR AT NORTH FLORIDA AVE	877	62 <sup>ND</sup> AVE AT HAINES RD
47	TARPON AVE AT K-MART DRIVE	878	62 <sup>ND</sup> AVE AT 25 <sup>TH</sup>
49	TARPON AVE AT JASMINE	879	62 <sup>ND</sup> AVE AT 21 <sup>ST</sup> ST
52	GULF RD AT FLORIDA AVE	882	HAINES RD AT 28 <sup>TH</sup> ST
111	NEBRASKA AT WEST LAKE	890	54 <sup>TH</sup> AVE AT WESTCHESTER
198	COMMERCE BL AT DOUGLAS RD	892	54 <sup>TH</sup> AVE AT 71 <sup>ST</sup> ST
214	MICHIGAN BL AT PINEHURST	919	71 <sup>ST</sup> ST AT 46 <sup>TH</sup> AVE
246	PINEHURST AT SAN CHRISTOPHER	951	58 <sup>TH</sup> ST AT 11 <sup>TH</sup> AVE
278	LAKEHAVEN 750' S. OF SR 580 MID-BLOCK	954	GULFPORT BL AT OLEANDER
292	MAIN ST AT DOUGLAS	956	GULFPORT BL AT ROYAL PALM
296	PATRICIA AT VIRGINIA	963	58 <sup>TH</sup> ST AT 15 <sup>TH</sup> AVE S
304	PHILIPPE PKWY AT ENTERPRISE	995	PASS-A-GRILL AT 21 <sup>ST</sup> AVE
312	DOUGLAS AT BELTREES	1227	DREW ST AT GREENWOOD AVE
314	BELTREES AT MILWAUKEE	1263	DREW ST/MISSOURI AT NE CLEVELAND
318	PATRICIA AT BELTREES	1310	DREW ST AT BETTY LN
323	HERCULES AT VIRGINIA	1372	DREW ST AT HIGHLAND AVE
334	UNION AT MILWAUKEE	1447	DREW ST AT SATURN AVE
360	SR 590 AT OLD COACHMAN	1504	DREW ST AT HERCULES AVE
402	LAKEVIEW AT S. LAKE DR	1505	DREW ST AT NE COACHMAN RD
430	BELLEAIR AT LAKE	1517	HERCULES AVE AT SUNSET PT RD
450	INDIAN ROCKS AT MEHLENBACHER	1600	SUNSET PT RD AT OLD COACHMAN RD
511	HIGHLAND AT ROSERY	1630	SUNSET PT RD AT WORLD PKWY
519	HIGHLAND AT LARGO REC	1680	SUNSET PT RD AT LAWSON
524	US 19 AT WHITNEY RD	1724	US 19 AT SUNSET PT RD
558	RIDGE RD AT 8 <sup>TH</sup> AVE SW		
559	8 <sup>TH</sup> AVE AT 4 <sup>TH</sup> ST SW		
612	INDIAN ROCKS AT 8 <sup>TH</sup> AVE		
615	62 <sup>ND</sup> ST AT 150 <sup>TH</sup> AVE		
618	58 <sup>TH</sup> ST AT 150 <sup>TH</sup> AVE		
675	ROOSEVELT BLVD AT 28 <sup>TH</sup> ST		
720	118 <sup>TH</sup> AVE AT 71 <sup>ST</sup> CIR		
747	GATEWAY CENTRE AT 40 <sup>TH</sup> ST		
760	78 <sup>TH</sup> AVE AT 60 <sup>TH</sup> ST		
762	78 <sup>TH</sup> AVE AT 52 <sup>ND</sup> ST		
783	70 <sup>TH</sup> AVE AT 58 <sup>TH</sup> ST		
787	70 <sup>TH</sup> AVE AT 43 <sup>RD</sup> ST		
794	62 <sup>ND</sup> AVE AT 62 <sup>ND</sup> ST		
795	62 <sup>ND</sup> AVE AT 58 <sup>TH</sup>		
807	OAKHURST RD AT 102 <sup>ND</sup> AVE		
809	102 <sup>ND</sup> AVE AT 131 <sup>ST</sup> ST		
811	102 <sup>ND</sup> AVE AT PINELLAS TRL		
825	OAKHURST RD AT 86 <sup>TH</sup> AVE		
827	131 <sup>ST</sup> ST AT 86 <sup>TH</sup> AVE		
829	86 <sup>TH</sup> AVE AT 125 <sup>TH</sup> ST		
874	71 <sup>ST</sup> ST AT 62 <sup>ND</sup> AVE		

\*THIS IS A WORKING LIST. LOCATIONS ARE SUBJECT TO CHANGE.

**BOARD OF COUNTY  
COMMISSIONERS**

Charlie Justice  
Susan Latvala  
Janet C. Long  
John Morroni  
Norm Roche  
Karen Williams Seel  
Kenneth T. Welch



August 12, 2014

Ms. Carin Watkins  
Special Projects Coordinator  
Florida Department of Transportation  
11201 N. McKinley Drive, MS 350  
Tampa, FL 33612

Subject: County Incentive Grant Program (CIGP)  
Starkey Road from 82nd Avenue N to Bryan Dairy Road – Road Improvement Project

Dear Ms. Watkins:

This letter of application is for the purpose of applying for funding assistance for design and construction of a road widening project for Starkey Road from 82nd Avenue N to Bryan Dairy Road.

Applicant Information

Ken Jacobs  
Traffic Engineering Section Manager  
Pinellas County Department of Environment and Infrastructure  
22211 US 19 North  
Building 1  
Clearwater, FL 33765  
Phone (727) 464-8928  
Fax: (727) 464-8908  
Email – [kjacobs@pinellascounty.org](mailto:kjacobs@pinellascounty.org)

Project Description

Pinellas County has several projects in the works to improve capacity along the Park Street/Starkey Road corridor between Tyrone Boulevard and Ulmerton Road. They are as follows.

- Park Street Road Widening Project (Tyrone Boulevard to 62<sup>nd</sup> Avenue N)
- Park Street Bridge Project (62<sup>nd</sup> Avenue N to 84<sup>th</sup> Lane N).
- Park Street Road Widening (84<sup>th</sup> Lane to Flame Vine Avenue)
- Starkey Road and Bryan Dairy Road Intersection Improvement (under construction)
- Starkey Road Widening Project (Bryan Dairy Road to 130<sup>th</sup> Avenue N)

The proposed project to widen Starkey Road between 82nd Avenue N and Bryan Dairy Road from four to six lanes will compliment this effort and significantly improve traffic flow along the Starkey Road corridor. Bus stops, bike lanes and sidewalk are also components of this project.

PLEASE ADDRESS REPLY TO:

Transportation and Stormwater Division, 22211 US 19 N. - Bldg. 1, Clearwater, FL 33765  
Phone: 727/464-8922 [www.pinellascounty.org](http://www.pinellascounty.org)



Starkey Road is a Pinellas County arterial that carries an average annual daily traffic (AADT) count of approximately 27,416 vehicles with a Level of Service of D. This road segment was programmed for improvements several years ago. However, the economic downturn in 2008 resulted in the project being cancelled. A CIGP grant will support our efforts to improve traffic flow, reduce carbon emissions and promote safe transportation alternatives for citizens of this County.

#### Project Location Map

A detailed project location map has been included in this submittal.

#### FDOT Five Year Work Program and Pinellas County Capital Improvement Plan

The project is not on the state highway system and is therefore not included in the Department's Five-Year Work Program. It will be included in the Pinellas County FY 2016 Capital Improvement Program through PID 206A. The proposed CIP is scheduled for adoption in mid September.

#### Project Development Phases and Funding

The design phase of this project is planned for 2016 with construction scheduled for 2017. The project cost is \$10,700,000. The County is requesting the State participate on a 50/50 basis in the design and construction of this project.

#### Plan Consistency

This project is consistent with the 2060 Florida Transportation Plan, Pinellas County Comprehensive Plan and the 2035 MPO Long Range Transportation Plan. The project is in keeping with the objectives of these plans by improving efficiency for north-south travel along Starkey Road.

#### Benefits to the State Highway System

The close proximity of Seminole Boulevard (SR 595) and 66<sup>th</sup> Street N (SR 693) and their common destination points should enable those facilities relief in traffic volumes once the proposed capacity improvement is complete.

#### Strategy Plan Component

This project is considered a component of an overall economic or urban infill strategy plan as referenced in the Pinellas County Transportation Plan's Transportation Element. The addition of bike lanes, sidewalk and bus stops is also compatible to the plans goal of encouraging alternative transportation choices and livable communities.

#### Matching Funds Certification

I hereby certify that construction of this project is currently planned for funding in the County's FY 2016 – 2021 Capital Improvement Program. The County anticipates expending approximately \$1,200,000 in FY 2016 for project design. The remaining project funding - \$9,500,000 for construction will be provided by the Capital Improvement Program in FY 2017.

We appreciate the opportunity to apply for funding assistance through the County Incentive Grant Program. If you have questions regarding this application, please contact Ken Jacobs (727) 464-8928.

Sincerely,

A handwritten signature in black ink that reads "Mark S. Woodard". The signature is written in a cursive style with a large initial "M".

Mark S. Woodard  
County Administrator

cc: Richard L. V. Coates, III, P.E. Director - Transportation and Stormwater Division  
Ken Jacobs, Traffic Engineering Section Manager  
David A. Talhouk, E.I., Grant Program Administrator - DEI  
Robert C. Meador, P.E., Traffic Engineering Senior Engineer

# STARKEY ROAD FROM 82<sup>ND</sup> AVENUE N TO BRYAN DAIRY ROAD ROAD IMPROVEMENT PROJECT LOCATION MAP



**BOARD OF COUNTY  
COMMISSIONERS**

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August 12, 2014

Ms. Carin Watkins  
Special Projects Coordinator  
Florida Department of Transportation  
11201 N. McKinley Drive, MS 350  
Tampa, FL 33612

Subject: County Incentive Grant Program  
Alternate US 19 (SR 595) at Nebraska Avenue – Signalization & Trail Connector Project

Dear Ms. Watkins:

The intent of this letter is for Pinellas County to reapply for funding assistance for construction of the referenced project through the County Incentive Grant Program (CIGP). The original application was submitted earlier this year when the funding window was closed. Now that it has been reopened we respectfully request that this project be considered for CIGP funding.

Applicant Information

Ken Jacobs  
Traffic Engineering Section Manager  
Pinellas County Department of Environment and Infrastructure  
22211 US 19 North  
Building 1  
Clearwater, FL 33765  
Phone (727) 464-8928  
Fax: (727) 464-8908  
Email – [kjacobs@pinellascounty.org](mailto:kjacobs@pinellascounty.org)

Project Description

Over the past decade, Pinellas County has initiated various projects to improve pedestrian safety and vehicular access to the Downtown Palm Harbor District. These improvements include on-street parking, new and expanded sidewalk, landscaping, realignment of the intersection of Alternate US 19 and Florida Avenue and resurfacing of the Pinellas Trail.

It was the County's intent to also provide a traffic signal along Alternate US 19 in the immediate vicinity. Therefore, the Downtown Palm Harbor Circulation Study was undertaken to determine pedestrian and vehicular traffic patterns in this area. This study was completed in November 2013 and the following recommendations were made.

- Provide a fully operational traffic signal at Alternate US 19 and Nebraska Avenue.
- Create a sidewalk connection to the Pinellas Trail in conjunction with proposed signal.

PLEASE ADDRESS REPLY TO:

Transportation and Stormwater Division, 22211 US 19 N. - Bldg. 1, Clearwater, FL 33765  
Phone: 727/464-8922 [www.pinellascounty.org](http://www.pinellascounty.org)



Several roadways intersect Alternate US 19 in the area of downtown Palm Harbor. By installing a signal at Nebraska Avenue this will improve the overall circulation of vehicular traffic and reduce conflicting movements from the other intersecting roadways by consolidating the majority of the turning movements at the signalized intersection.

The Pinellas Trail traverses nine municipalities and is vital to the economy of commercial districts such as downtown Palm Harbor. The proposed project will create a convenient and safe crossing for trail users to Palm Harbor's assorted shops and restaurants. It will also provide safer turning movements for motorists ingressing Alternate US 19 from Nebraska Avenue.

The National Highway Traffic Safety Administration research shows pedestrian fatalities on the rise with three out of four pedestrian deaths occurring in urban areas and 70% of those happening at non-intersections.

Even though overall traffic fatalities are declining, pedestrian and bicycle deaths remain high. Preliminary figures in 2012 showed crashes killed 107 pedestrians and 28 cyclists across the Pinellas, Pasco & Hillsborough County region. The installation of a fully operational signalized crossing is in keeping with the County's efforts to reduce pedestrian fatalities and injuries.

This segment of Alternate US 19 is also designated as a Phase 3 corridor on the MPO Intelligent Transportation System Corridor Map. Work done at this location will support future Advanced Traffic Management System and Intelligent Transportation System improvements planned for the Alternate US 19 corridor.

#### Project Location Map

A detailed project location map has been included at the end of this submittal.

#### FDOT Five Year Work Program and Pinellas County Capital Improvement Plan

The project is on the state highway system and will be included in the Department's Five-Year Work Program. The infrastructure installed as part of this project will support other on-going efforts specific to local corridor management policies. Once additional funding is identified, such as the CIGP, the project will be included in the Pinellas County Capital Improvement Program.

#### Project Development Phases and Funding

Project design is anticipated to begin in FY 2015 with construction scheduled for FY 2016. Funding is being provided through the County's Intersection Improvement Program PID No. 000152A.

The anticipated cost of this project is \$500,000. The County requests the State participate in the construction phase of the project with a grant of \$250,000.

#### Plan Consistency

This project is consistent with the 2025 Florida Transportation Plan, the Pinellas County Comprehensive Plan and the MPO Long Range Transportation Plan. Goals of these plans are met by improving safety for pedestrians and cyclists traversing this intersection.

**Benefits to the State Highway System**

This project, in combination with the future ATMS/TTS component, will improve the safety of this intersection by creating gaps in traffic on Alternate US 19 that will benefit westbound motorists on Nebraska Avenue turning onto the State facility. Improved vehicular and pedestrian access to the Pinellas Trail and Downtown Palm Harbor District are also anticipated.

**Strategy Plan Component**

This project is considered a component of an overall economic strategy plan as referenced in the Pinellas County Transportation Plan's Transportation Element. Policy 1.1.1. states that "improvements undertaken by Pinellas County or the FDOT on concurrency management corridors shall be designed to alleviate the substandard level of service conditions to the extent feasible." Objective 1.8 states that "Pinellas County's transportation system should provide for safety and efficiency in the movement of people and goods."

**Matching Funds Certification**

I hereby certify that this project is to be funded through the Intersection Improvement Program, which is currently funded in the County's CIP through FY 15. The County anticipates expending approximately \$75,000 in FY 15 for project design. Remainder of the project funding will be provided from the Intersection Improvement Program for FY 15. However, the funding will be shown under a separate PID for the specific signalization/trail connection project.

We appreciate the opportunity to apply for financial assistance through the County Incentive Grant Program. Should you have any questions regarding this application or require additional information, please contact Ken Jacobs (727) 464-8928.

Sincerely,



Mark S. Woodard  
County Administrator

cc: Richard L. V. Coates, III, P.E. Director - Transportation and Stormwater Division  
Ken Jacobs, Traffic Engineering Section Manager  
David A. Talhouk, E.I., Grant Program Administrator - DEI  
Robert C. Meador, P.E., Traffic Engineering Senior Engineer

# PROJECT LOCATION MAP

## Alternate US 19 & Nebraska Avenue

