

Biscayne Dr. Bicycle Lanes

Name of Applying Agency: City of North Port
Contact Person (Name & Title): Ben Newman, P.E., Project Engineer
Email: bnewman@cityofnorthport.com
Phone: 941-240-8320
Mailing Address: City of North Port Public Works Department, 1100 North Chamberlain Boulevard;
North Port, FL. 34286

Your signature indicates that the information included with this application is accurate.

Signature: *Ben Newman*

Date: 1/25/2014

Check below which of the required agencies is anticipated to be the Maintaining Agency:

City County

Name of Maintaining Agency: City of North Port Public Works Department
Contact Person (Name & Title): Branford N. Adumuah, Director
Email: badumuah@cityofnorthport.com
Phone: 941-240-8051
Mailing Address: City of North Port Public Works Department; 1100 North Chamberlain Boulevard;
North Port, FL. 34286

Your signature indicates your concurrence with the information provided within this application and your agency's willingness to allow this improvement within your right-of-way and enter into the appropriate Local Agency Program (LAP) or maintenance agreement as applicable.

Signature: *Branford N. Adumuah*

Date: 1/25/2014

If the City or County is located within an M/TPO area, a M/TPO representative must fill in the required information below:

Name of M/TPO: Sarasota - Manatee Metropolitan Planning Organization
Contact Person (Name & Title): *David Hutchinson, Planning Manager*
Email: *dave@mympo.org*
Phone: *(941) 359-5772*
Mailing Address: *7632 15th St East
Sarasota FL 34243*

Your signature indicates the MPO has reviewed the application for consistency with all applicable adopted plans as well as program requirements and supports the proposed project.

Signature: *David Hutchinson*

Date: 2/3/14

For FDOT Use Only:

Application Complete Yes No

Project Eligible Yes No

Implementation Feasible Yes No

Recommend Programming Yes No

Liaison _____

LAP Coordinator _____

Production Staff _____

SWAO Director (if applicable) _____
 Director of Production _____

Project Information:

Project Category: Other If other, please indicate funding source being sought. Transportation Alternatives

Project Name (Street Name): Biscayne Drive Bicycle Lanes Extension

Project Limits (From & To) (if not at an intersection, use logical termini): From Elyton Drive to Ponce de Leon Boulevard

Detailed project description: (lane width; design – rural or curb & gutter; shoulder width, paved or grass; signals; median width, painted, grass or raised, etc.)

- a. Existing Conditions (provide labeled & dated pictures): Two lane undivided rural section roadway with a six foot wide sidewalk along the east side. Reference Exhibits 1 & 2.
- b. Proposed Improvements: **Widen the existing asphalt pavement by five feet along each side of the roadway and install associated striping, markings and signage.**

Cost Estimate by Phase:

	Planning Study	PD&E	Design (PE)	ROW	Construction
Cost Estimate (Present Day Cost)			\$57,500.00		\$575,000.00
Fiscal Year Funding Available			FY18/19		FY19/20
Phase Status	<input type="checkbox"/> Not Started <input type="checkbox"/> 30% <input type="checkbox"/> 60% <input type="checkbox"/> 90% <input type="checkbox"/> Complete <input checked="" type="checkbox"/> N/A	<input type="checkbox"/> Not Started <input type="checkbox"/> 30% <input type="checkbox"/> 60% <input type="checkbox"/> 90% <input type="checkbox"/> Complete <input checked="" type="checkbox"/> N/A	<input checked="" type="checkbox"/> Not Started <input type="checkbox"/> 30% <input type="checkbox"/> 60% <input type="checkbox"/> 90% <input type="checkbox"/> Complete <input type="checkbox"/> N/A	<input type="checkbox"/> Not Started <input type="checkbox"/> 30% <input type="checkbox"/> 60% <input type="checkbox"/> 90% <input type="checkbox"/> Complete <input checked="" type="checkbox"/> N/A	<input checked="" type="checkbox"/> Not Started <input type="checkbox"/> 30% <input type="checkbox"/> 60% <input type="checkbox"/> 90% <input type="checkbox"/> Complete <input type="checkbox"/> N/A
Funding Type (Local, State or Federal)	<input type="checkbox"/> Federal <input type="checkbox"/> State <input type="checkbox"/> Local	<input type="checkbox"/> Federal <input type="checkbox"/> State <input type="checkbox"/> Local	<input type="checkbox"/> Federal <input type="checkbox"/> State <input type="checkbox"/> Local	<input type="checkbox"/> Federal <input type="checkbox"/> State <input checked="" type="checkbox"/> Local	<input checked="" type="checkbox"/> Federal <input type="checkbox"/> State <input type="checkbox"/> Local

Date project was endorsed by local jurisdictional board/council. Provide certified meeting minutes: 2/24/2014



**District One
Priority Project Information Packet**

Name of Applying Agency: City of North Port

Project Name:

Biscayne Drive Bicycle Lanes Extension

Project Category:

Congestion Management TRIP CIGP

Transportation Alternative RTAP Transit/Modal

Will this be a LAP project? Yes No

(If yes, applicant must be LAP certified)

Project Limits/Location:

Describe beginning and end points of project, ex.; from ABC Rd. to XYZ Ave. Limits run south to north or west to east. Include jurisdiction (city/county), project length attach a labeled project map.

The project begins at the north end of the existing bicycle lanes on Biscayne Drive at the Elyton Drive intersection and proceed north to the intersection of Glenallen Boulevard, reference attached Location Map.

Is the roadway on the State Highway System? Yes No

Is the roadway on the Federal Aid Eligible System? Yes No

If no, give local jurisdiction: [Click here to enter text.](#)

Is this project consistent with the MPO/TPO Long Range Transportation Plan?

Yes No Page number (attach page from LRTP): Page 3-4

Is this project in the local jurisdiction's Capital Improvement Plan?

Yes No (attach page from CIP) [Click here to enter text.](#)

Project Description

Phase(s) requested:

Planning Study PD&E PE ROW CST CEI

Project cost estimates by phase:

Planning Study \$ 0 ROW \$0

PD&E \$0 CST \$598,750

PE \$60,000 CEI \$60,000

TOTAL Project Cost: \$718,750

Project Details: Clearly describe the project and desired improvements in detail and indicate if work will be completed in-house. Include labeled photos and maps. (Add additional pages if needed)

Seven foot wide bicycle lanes will be constructed adjacent to the travel lanes of this two lane, two direction collector roadway. Biscayne Drive currently has bicycle lanes on each side of a two lane divided median roadway, from US41 to Elyton Drive (where the median terminates). Future extensions of these bicycle lanes will continue north on Biscayne Drive to Ponce DeLeon Boulevard, Ponce DeLeon Boulevard from Biscayne Drive north to Tropicaire Boulevard, on Tropicaire Boulevard east from Ponce DeLeon Boulevard to Toledo Blade Boulevard and on Toledo Blade Boulevard, south from Tropicaire Boulevard to the existing paved shoulders on Toledo Blade.

Constructability Review

For items 2-7 provide labeled and dated photos (add additional pages if needed)

1. Are there any other projects (ex. drainage, utility, etc.) programmed (local, state or federal) within the limits of this project? Yes No

If yes, provide details of the other project(s), including project scope and schedule:
Click here to enter text.

2. Does the applicant have an adopted ADA transition plan? Yes No

Identify areas within the project limits that will require ADA retrofit. (Include GIS coordinates for stops and labeled photos and/or map)

No retrofits are needed.

3. Are there any transit stops/shelters/amenities within the project limits?

Yes No

How many? Click here to enter text.

Stop ID number: Click here to enter text.

4. Are any improvements needed or requested for bus stops? Yes No

Description of existing conditions at stop and desired improvements (add additional pages if needed):

[Click here to enter text.](#)

5. Are turn lanes being added? Yes No

If yes, provide length of turn lanes

[Click here to enter text.](#)

6. Drainage structures:

Number of culverts or pipes currently in place: Not applicable.

Type: [Click here to enter text.](#)

Replacement? [Click here to enter text.](#)

Details [Click here to enter text.](#)

Will drainage ditches be filled in? Yes No

If yes, provide the limits and quantify in linear feet:

[Click here to enter text.](#)

Describe the proposed conveyances system (add additional pages if needed)

[Click here to enter text.](#)

Are there any existing permitted stormwater management facilities/ponds within the project limits? Yes No

If yes, provide the location and permit number (add additional pages if needed)

[Click here to enter text.](#)

Utilities within project limits: Yes No

If yes, list specific utilities within project limits and describe any potential conflicts (add additional pages if needed):

[Click here to enter text.](#)

Are there Bridges within project limits: Yes No

If yes, can bridges accommodate proposed improvements? Yes No

If no, what bridge improvements are proposed? (add additional pages if needed):

[Click here to enter text.](#)

7. Is needed Right-of-Way (ROW) within public ownership? Yes No

Provide details of potential ROW issues and how they will be addressed, evidence of ROW (GIS, maps, etc.) as well as a detailed breakdown of costs. Also include information about any potential encroachment issues (add additional pages if needed):

No issues, the bicycle lanes will be constructed within the existing Biscayne Drive right-of-way. Reference GIS aerial maps (3 sheets) of the project limits on Biscayne Drive

8. Are permits required? Yes No

If yes, list the types of permits required:

[Click here to enter text.](#)

If no, state the qualified exemption:

Rule 62-330.051(10), F.A.C.

9. Are there any wetlands within the project limits? Yes No

If yes, list the type of wetlands and if mitigation will be required. Provide any additional information:

[Click here to enter text.](#)

Is there critical habitat within the project limits? Yes No (Provide details)

[Click here to enter text.](#)

10. Are there any endangered species within the project limits? Yes No

If yes, list the species and what, if any mitigation or coordination will be necessary:

[Click here to enter text.](#)

11. Is a historic survey required? Yes No (Provide details)

[Click here to enter text.](#)

12. Is Recreational or 4(f) property within the project limits? Yes No

(Provide details)

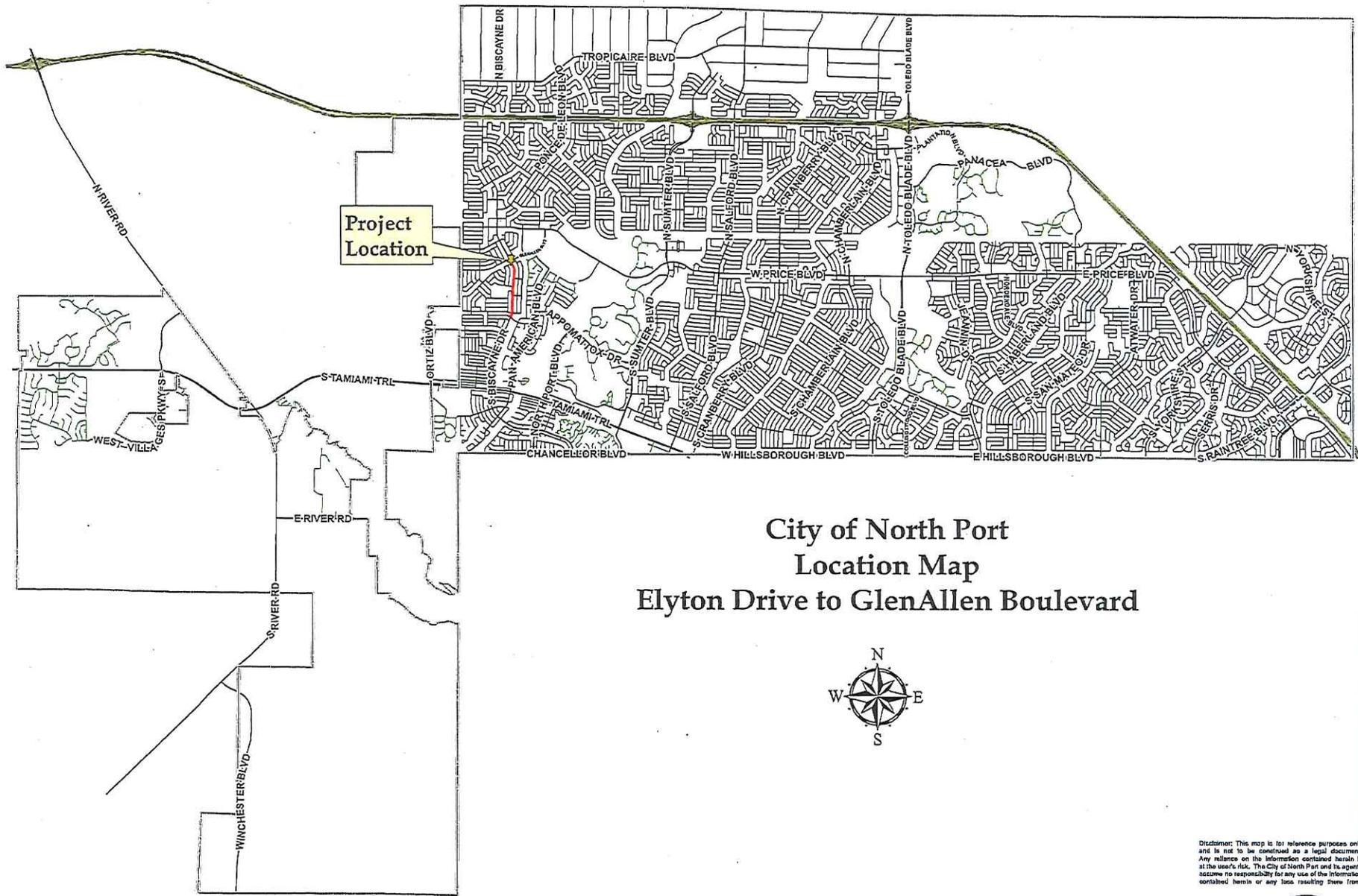
[Click here to enter text.](#)

13. Are there any contamination areas within the project limits? Yes No

(Provide details)

[Click here to enter text.](#)

Required Attachments



City of North Port
Location Map
Elyton Drive to GlenAllen Boulevard



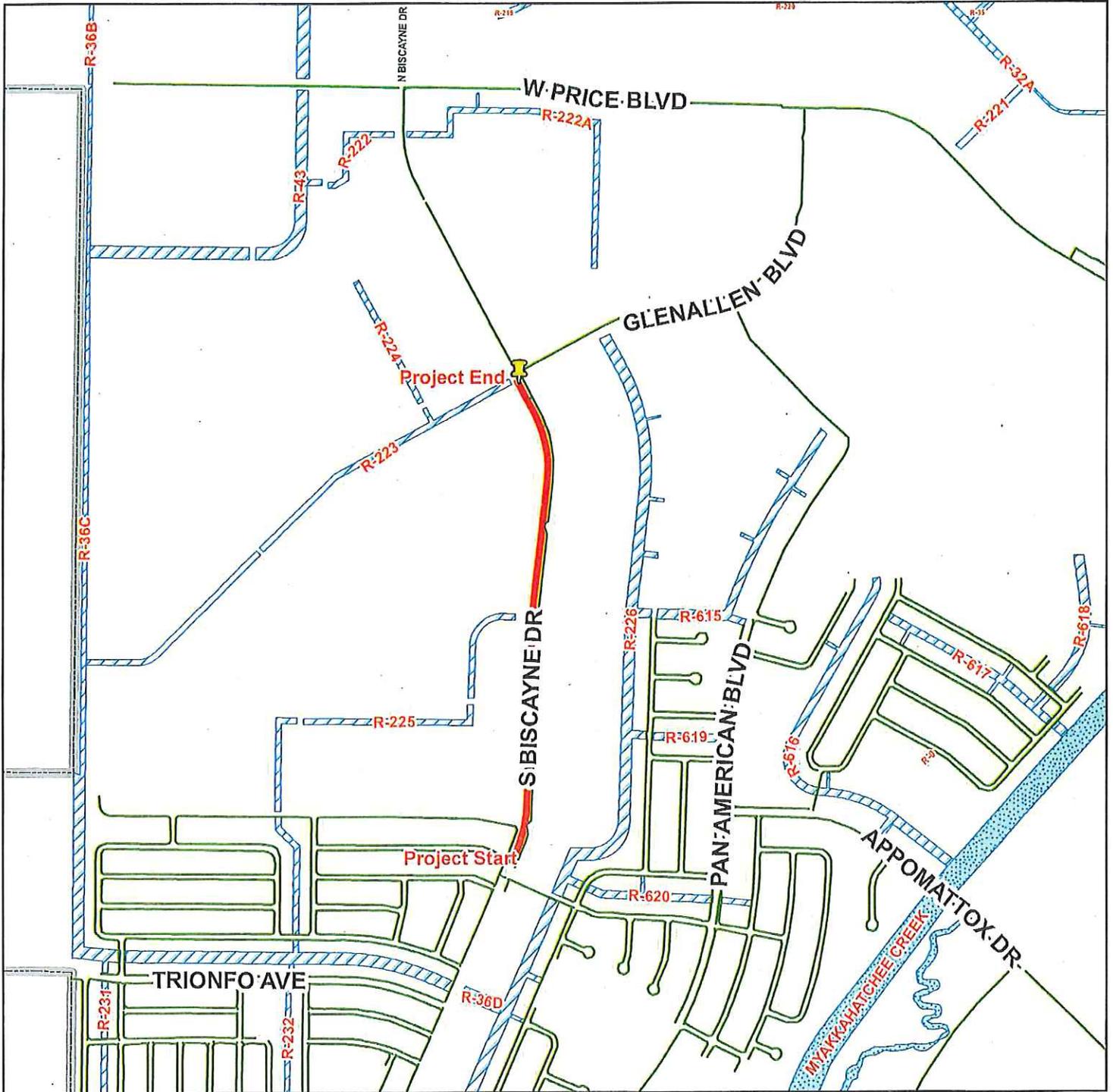
Disclaimer: This map is for reference purposes only and is not to be construed as a legal document. Any reliance on the information contained herein is at the user's risk. The City of North Port and its agents assume no responsibility for any use of the information contained herein or any loss resulting therefrom.



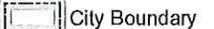
Prepared by Engineering Division
 February 2nd, 2016

Biscayne Bicycle Lane Project

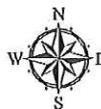
Elyton Dr. to GlenAllen Blvd.



Legend

-  Sidewalks
-  Retention Ditch
-  Waterway
-  City Boundary

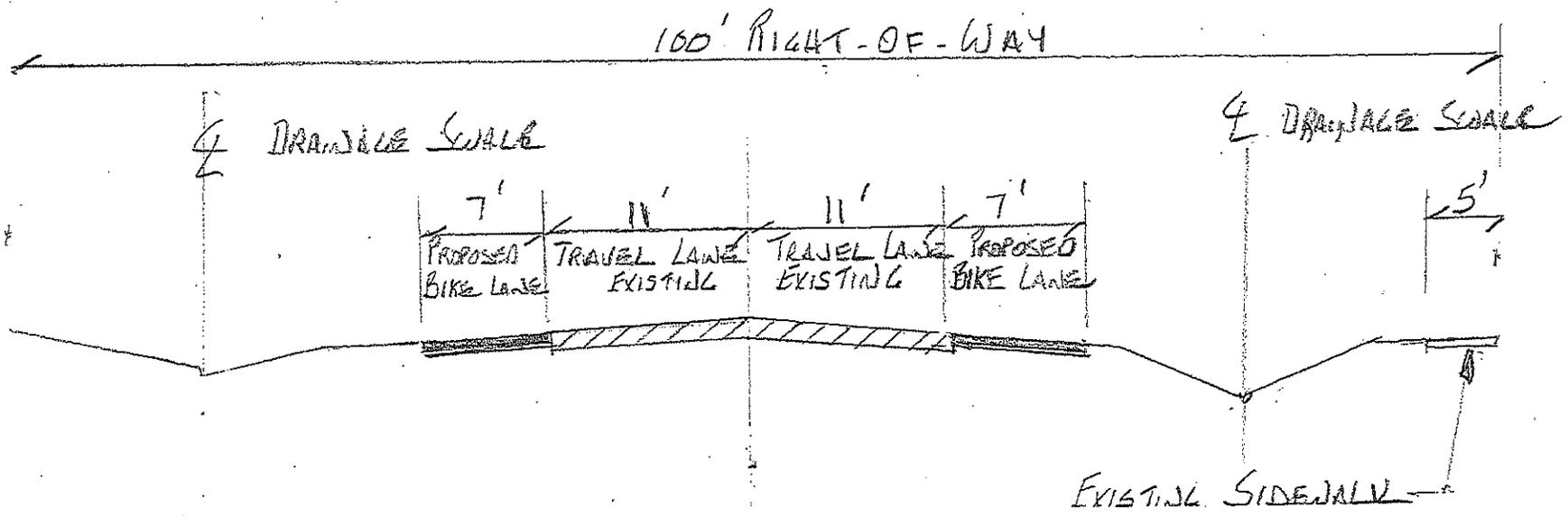
Route Map



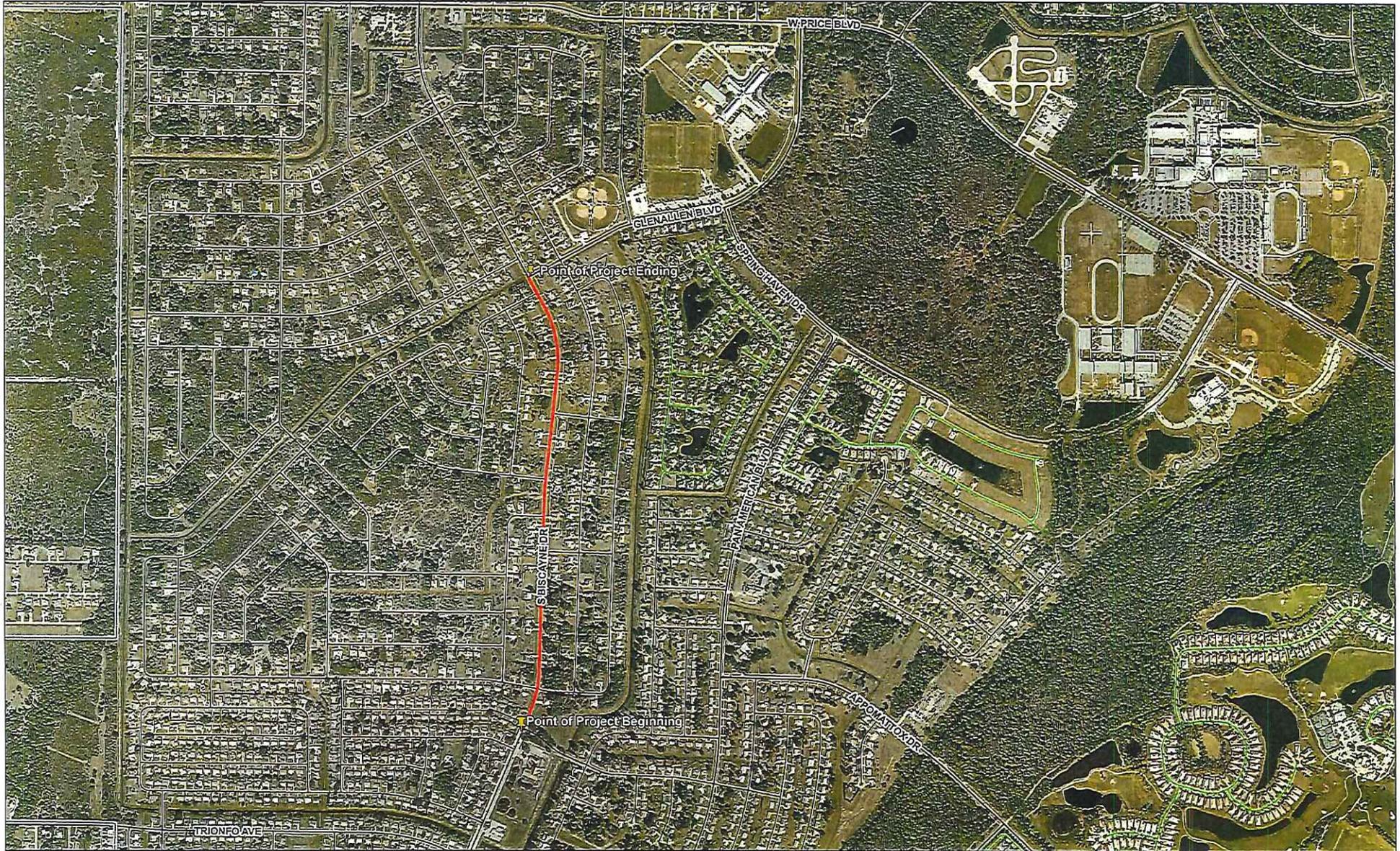
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February 2nd, 2016

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BISCAYNE DRIVE BICYCLE LANES
 FLYTEN DRIVE TO GLENALLEN BOULEVARD



City of North Port Aerial Maps of Route Elyton Drive to GlenAllen Boulevard



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Prepared by Engineering Division
February 2nd, 2016



City of North Port
Aerial Maps of Project Beginning
Elyton Drive to GlenAllen Boulevard



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Prepared by Engineering Division
February 2nd, 2019



City of North Port
Aerial Maps of Project Ending
Elyton Drive to GlenAllen Boulevard



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Prepared by Engineering Division
February 2nd, 2016





EXHIBIT #1

BISCAYNE DRIVE – EXISTING CONDITIONS

Elyton Drive looking north (01/23/14)



EXHIBIT #2

BISCAYNE DRIVE – EXISTING CONDITIONS

Glenallen Boulevard looking north (01/23/14)

Biscayne Drive Bicycle Lanes (Elyton Drive to Glenallen Boulevard)
 Right-of-Way - 100 feet
 Construct seven foot wide paved shoulder 7 feet wide paved shoulders
 ERC Permit Exemption for Paved Shoulders
 Prices from Miscellaneous Sidewalks Project Average Unit Prices
 Prices from AJAX Paving Sumter Phase IIIA where indicated
 4100 L.F.

<u>Work Item</u>	<u>Quantity</u>	<u>Unit Cost</u>	<u>Item Cost</u>	
Silt fencing	6,860.00	\$ 2.00	\$ 13,720.00	(4100' x 2 sides) - (6 street intersections x 70 feet wide each) - (46 driveways x 20 feet each)
Clearing & Grubbing	1.49	\$ 15,000.00	\$ 22,350.00	43,560 sf per acre - [(8200' x 8' wide) + (46 driveways x 20' wide / each)]
Concrete Driveway Removal	1,022.00	\$ 10.00	\$ 10,220.00	46 driveways x 20 feet width each x 10' from pavement edge / 9
Concrete Driveway Replace	1,022.00	\$ 75.00	\$ 76,650.00	46 driveways x 20 feet width each x 10' from pavement edge / 9
Excavate, embankment & grading	1.00	\$ 39,733.50	\$ 77,134.16	4224 LF (4100 feet / side x 2 sides) / 4224 feet = 1.7 ratio x (8' width / 8' wide sidewalk) = 1.94 x \$39,733.5
12" Type B Stabilization	7,288.89	\$ 6.50	\$ 47,378.44	8200' long x 8' wide / 9sf
8" Limerock Base	6,377.78	\$ 13.00	\$ 82,911.11	8200' x 7' wide / 9
2" Type SP Structural	727.00	\$ 100.00	\$ 72,700.00	230 #/sy (for 2" thickness) x 8200' x 7' / 9 sf/sy / 2000 # / ton
Mill 1" depth Exist Pavmt Edge	808.89	\$ 4.00	\$ 3,235.56	[(4100' x 2 sides x 1 foot width) - (46 driveways x 20 feet each)] x 1' width / 9
1" Type FC-9.5 Friction	366.72	\$ 110.00	\$ 40,339.44	115#/sy x 8200' x 7' / 9sf/sy / 2000 # / ton
Performance Turf - Sod Bahia	9,111.11	\$ 2.00	\$ 18,222.22	8200' x 10' / 9
6" Solid White Thermoplast	2.61	\$ 5,444.01	\$ 14,208.87	13788' / 5280 ft / mile
Traffic Signs Relocation	48.00	\$ 100.00	\$ 4,800.00	
Mailbox Relocation	46.00	\$ 150.00	\$ 6,900.00	
Sub-Total			\$ 490,769.80	
MOT (6%)			\$ 29,446.19	
Mobilization (6%)			\$ 29,446.19	
Contingency (10%)			\$ 49,076.98	
TOTAL			\$ 598,739.16	
		CEI (10%)	\$ 59,873.92	
		Date of revised estimate (01/29/16)		
		Design (10%)	\$ 59,873.92	

Assume driveways are 20 feet wide and replace to 10 feet from edge of pavement for adjustment of longitudinal slope.



SARASOTA COUNTY PROPERTY APPRAISER / Bill Furst

v2.1





SARASOTA COUNTY PROPERTY APPRAISER / Bill Furst

v2.1





GOALS, OBJECTIVES, PERFORMANCE MEASURES, AND TARGETS

1. IMPROVE THE SAFETY AND SECURITY OF THE TRANSPORTATION SYSTEM FOR ALL USERS

1.1 Create and maintain a transportation system that respects and accommodates all modes of transportation to ensure the personal safety of all users, in all modes, and on all facilities through education, enforcement, engineering, and evaluation.

1.2 Consistent with Florida's Strategic Highway Safety Plan, ensure the safe and secure accommodation of motorized and non-motorized traffic on area roadways to reduce crash rates, protect the safety of emergency responders and roadway workers within the right-of-way, and maintain and improve operating conditions on emergency evacuation routes.

Measure:	Total crashes and crash rate by mode (auto, bike, pedestrian, transit & freight)
Targets:	<ul style="list-style-type: none"> % reduction in fatalities involving all modes % reduction in Auto crashes and rate % reduction in Bicycle crashes and rate % reduction in Pedestrian crashes and rate % reduction in crashes on transit corridors % reduction in crashes on freight corridors % reduction in crashes on evacuation corridors

Safety	Infrastructure Condition	Congestion Reduction	System Reliability	Freight Movement & Economic Vitality	Environmental Sustainability	Reduce Project Delivery Delays
						

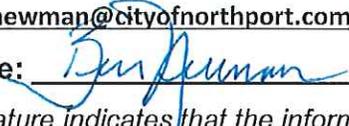
Applicant Contact Information

Agency Name: City of North Port

Mailing Address: 4970 City Hall Boulevard

Contact Name and Title: Ben Newman, Project Engineer

Email: bnewman@cityofnorthport.com **Phone:** 941-240-8320

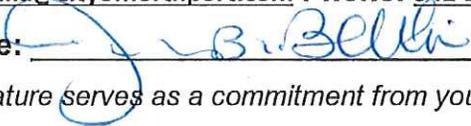
Signature:  **Date:** 02/02/16

Your signature indicates that the information included with this application is accurate.

Maintaining Agency: City of North Port Public Works Department

Contact Name and Title: Juliana B. Bellia , Director

Email: jbellia@cityofnorthport.com **Phone:** 941-240-8051

Signature:  **Date:** 2/5/16

Your signature serves as a commitment from your agency to maintain the facility requested.

MPO/TPO:

Contact Name and Title: Colleen McGue, Transportation Planner

Email: Colleen@mympo.org **Phone:** 941-359-5772

Signature: _____ **Date:** _____

Your signature confirms the requested project is consistent with all MPO/TPO plans and documents, is eligible, and indicates MPO/TPO support for the project.