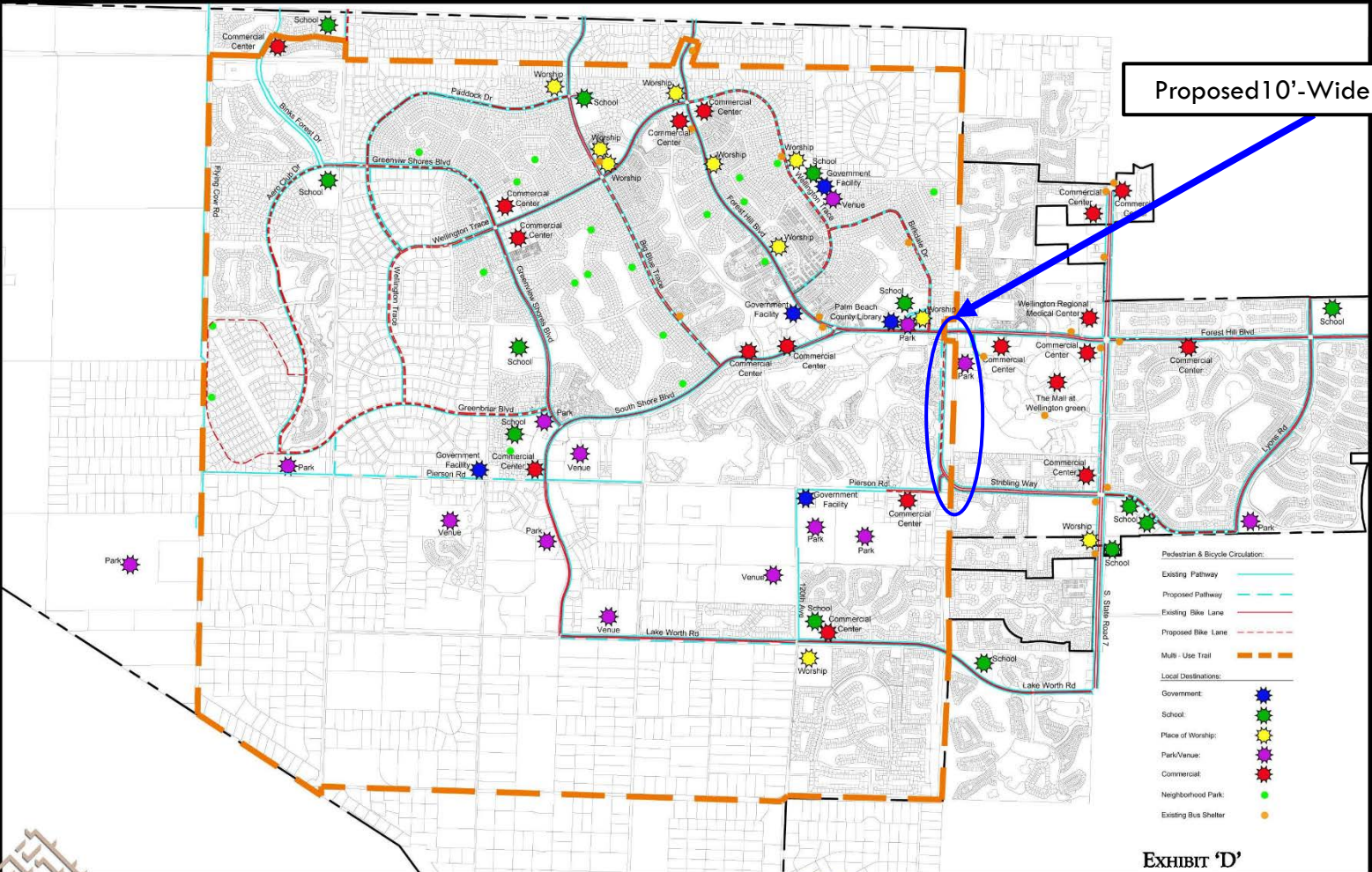


# C-8 CANAL MULTI-PURPOSE PATHWAY

April 8, 2021



Proposed 10'-Wide Pathway

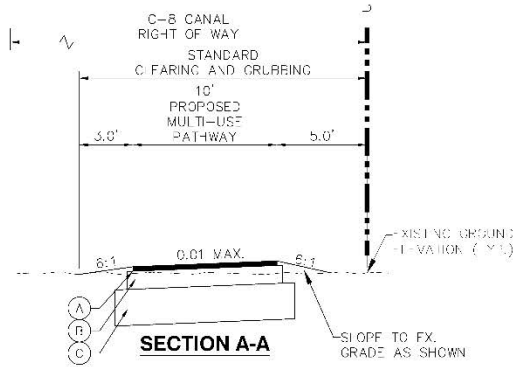


- Pedestrian & Bicycle Circulation:**
- Existing Pathway ———
  - Proposed Pathway - - - - -
  - Existing Bike Lane ———
  - Proposed Bike Lane - - - - -
  - Multi-Use Trail - - - - -
- Local Destinations:**
- Government: ★
  - School: ★
  - Place of Worship: ★
  - Park/Venue: ★
  - Commercial: ★
  - Neighborhood Park: ●
  - Existing Bus Shelter: ●

EXHIBIT 'D'

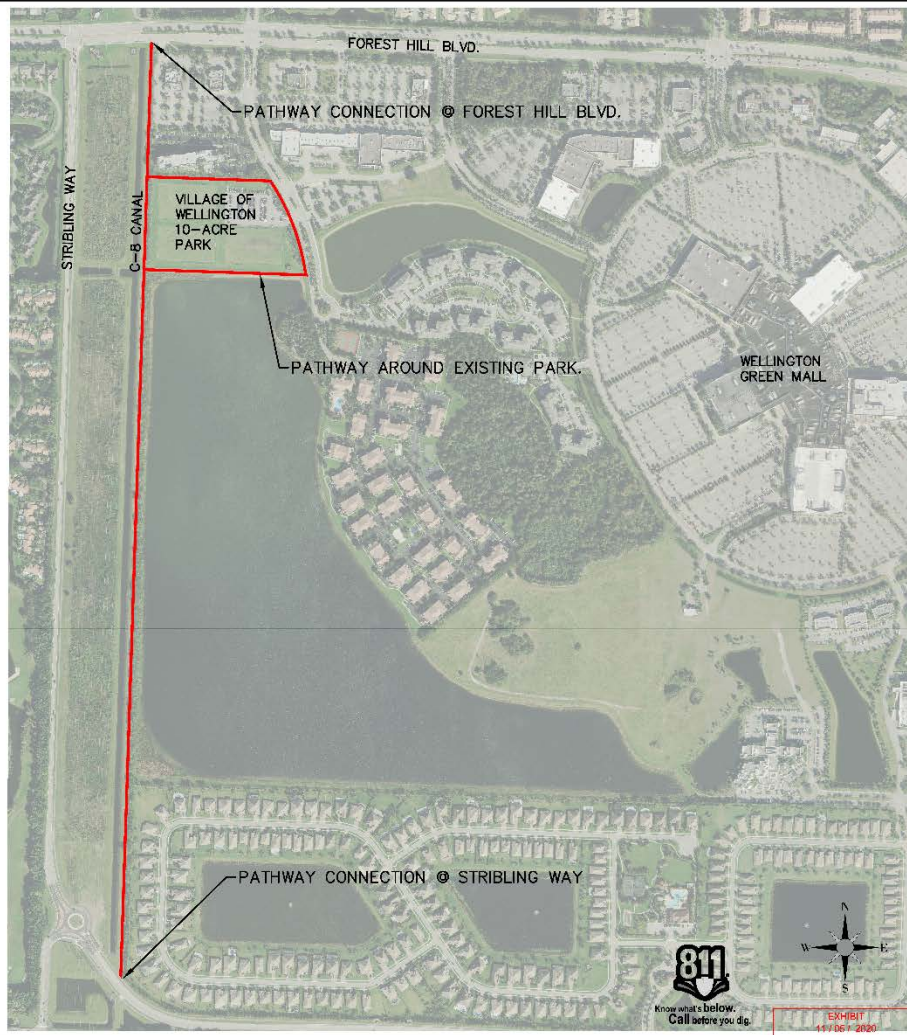
OVERALL COMPOSITE  
 VILLAGE OF WELLINGTON, FLORIDA  
 N.T.S.





**MULTIUSE PATH SPECIFICATIONS**

- (A) 1" MIN. THICK TYPE SP-9.5 SUPERPAVE. APPLY IN ONE LIFT
- (B) 8" CRUSHED CONCRETE BASE (LBR 100)
- (C) 12" MIN. THICK SUBGRADE COM-AC E.D. TO 98% MAXIMUM DENSITY PER AASHTO T-180



NO.	DATE	BY	REVISION

NO OTHER WORK SHALL BE PERMITTED IN THE RIGHT OF WAY OF THE C-8 CANAL UNTIL THE PERMITS ARE OBTAINED FROM THE CITY OF WELLINGTON.

MADE BY: JEFFREY J. HARRIS  
DATE: 06/15/2020

OVERALL EXHIBIT  
FOR  
C-8 CANAL MULTIUSE PATHWAY  
STRIBLING WAY TO FOREST HILL BLVD.

THE VILLAGE OF  
**WELLINGTON**  
Engineering Department  
Department of Public Works

NO.	DATE	BY	REVISION
1	7/2020	JPH	ISSUE FOR PERMIT
1			
1			

NO OTHER WORK SHALL BE PERMITTED IN THE RIGHT OF WAY OF THE C-8 CANAL UNTIL THE PERMITS ARE OBTAINED FROM THE CITY OF WELLINGTON.

MADE BY: JEFFREY J. HARRIS  
DATE: 06/15/2020



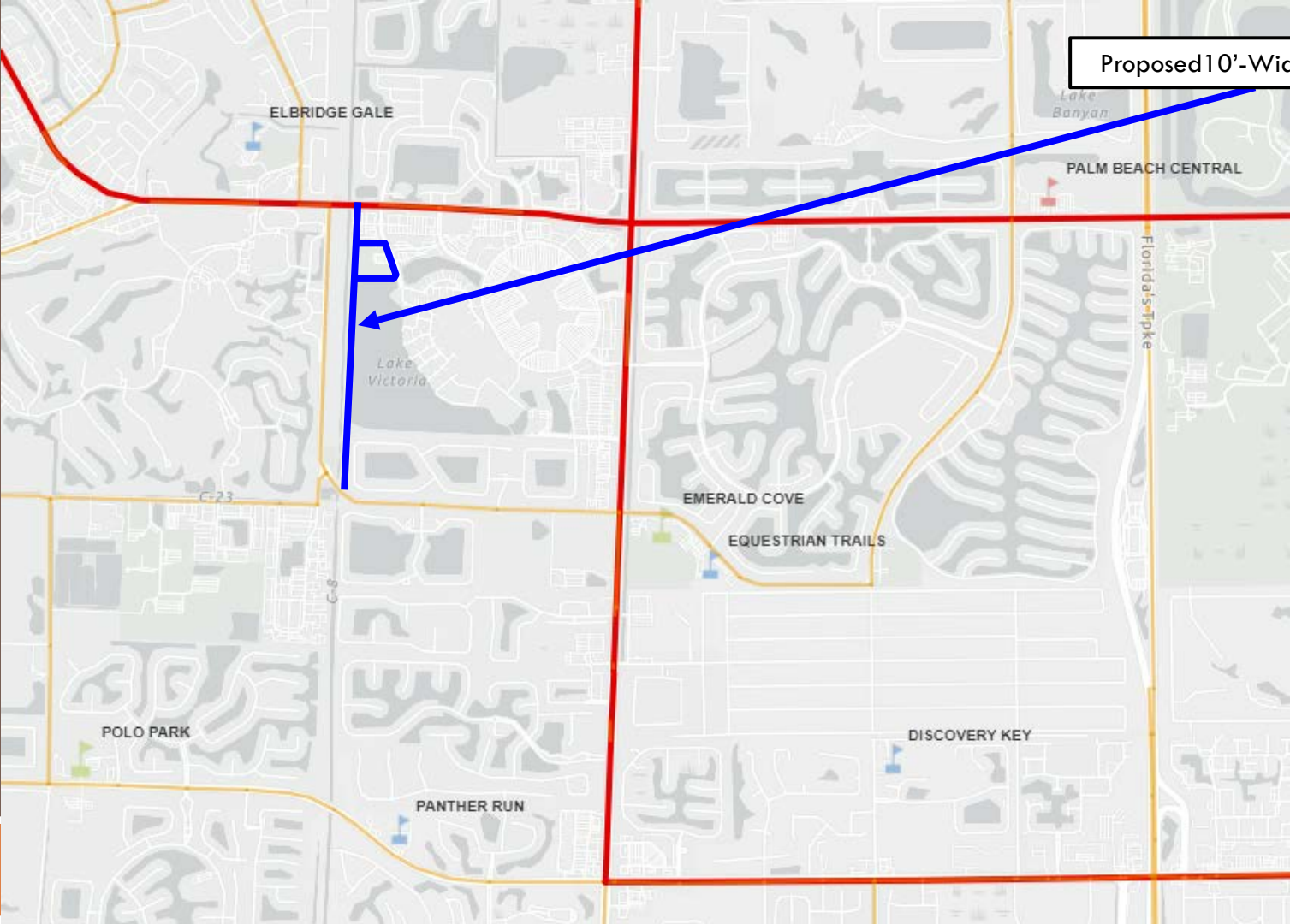
# TA Scoring Criteria

- The project is a 10' shared path
- The area has a traditionally underserved index of 28%
- The project creates pedestrian facilities within 1 mile of a transit hub
- The project creates bicycle facilities within 1 mile of a transit hub

# TA Scoring Criteria

- The multi-use path provides a connection to a shopping center (Wellington Green Mall) and a park
- The project is within 2 miles of 5 schools and their attendance boundaries
- The project will have positive environmental impacts by providing another location for alternative transportation modes
- The project was endorsed locally by two organizations
- The project is identified in Wellington's adopted bike and ped plan and connects to existing and proposed non-motorized facilities

Proposed 10'-Wide Pathway



**ENGINEERS COST ESTIMATE**

(Use for Off-System Projects - Administered through LAP)

**Project Title: C-8 CANAL MULTI-PURPOSE PATH FROM STRIBLING TO FOREST HILL**

**Date: November 5, 2020**

Pay Item Number*	Pay Item Description*	FHWA Participating				FHWA non-participating (Local funds)				Total Quantity	Total Engineer's Cost	
		Quantity	Unit	Engineer's Unit Cost	Engineer's Subtotal Cost	Quantity	Unit	Engineer's Unit Cost	Engineer's Subtotal Cost			
<b>MULTI-PURPOSE PATHWAY</b>												
1	CLEARING AND GRUBBING	20,500	SY	\$ 0.50	\$ 10,250.00				\$ -	20500	\$ 10,250.00	
2	6" CONCRETE SIDEWALK (ADA RAMPS)	40	SY	\$ 55.00	\$ 2,200.00				\$ -	40	\$ 2,200.00	
3	TACTILE WARNING SURFACE	60	SF	\$ 20.00	\$ 1,200.00				\$ -	60	\$ 1,200.00	
4	STRIPING/SIGNAGE CONTINGENCY	1	LS	\$ 2,500.00	\$ 2,500.00				\$ -	1	\$ 2,500.00	
5	ADJUST UTILITY VALVE COVERS TO GRADE	10	EA	\$ 200.00	\$ 2,000.00				\$ -	10	\$ 2,000.00	
6	EXCAVATION (FOR BASEROCK)	2,170	CY	\$ 5.00	\$ 10,850.00				\$ -	2170	\$ 10,850.00	
7	EMBANKMENT (FROM BASEROCK)	1,400	CY	\$ 7.00	\$ 9,800.00				\$ -	1400	\$ 9,800.00	
8	FINAL GRADING	20,500	SY	\$ 3.00	\$ 61,500.00				\$ -	20500	\$ 61,500.00	
9	SODDING	12,300	SY	\$ 4.00	\$ 49,200.00				\$ -	12300	\$ 49,200.00	
10	1.5" TYPE SP-9.5 ASPHALTIC CONCRETE	690	Ton	\$ 125.00	\$ 86,250.00				\$ -	690	\$ 86,250.00	
11	8" BASE COURSE (SHELL OR CRUSHED CONCRETE)	8,200	SY	\$ 25.00	\$ 205,000.00				\$ -	8200	\$ 205,000.00	
12	12" COMPACTED SUBGRADE	8,200	SY	\$ 3.00	\$ 24,600.00				\$ -	8200	\$ 24,600.00	
13	LANDSCAPING (CONTINGENCY)	5%	LS	\$ 465,350.00	\$ 23,267.50				\$ -	5%	\$ 23,267.50	
14	MOBILIZATION & DEMOBILIZATION	5%	LS	\$ 465,350.00	\$ 23,267.50				\$ -	5%	\$ 23,267.50	
15	MAINTENANCE OF TRAFFIC	2%	LS	\$ 465,350.00	\$ 9,307.00				\$ -	2%	\$ 9,307.00	
16	EROSION CONTROL	1%	LS	\$ 465,350.00	\$ 4,653.50				\$ -	1%	\$ 4,653.50	
17	PROJECT LAYOUT / SURVEYING					1%	LS	\$ 465,350.00	\$ 4,653.50	1%	\$ 4,653.50	
18	MATERIAL TESTING ALLOWANCE					1%	LS	\$ 465,350.00	\$ 4,653.50	1%	\$ 4,653.50	
19	AS-BUILTS					1%	LS	\$ 465,350.00	\$ 4,653.50	1%	\$ 4,653.50	
<b>TAP Funds for Construction</b>					<b>\$ 525,845.50</b>	<b>Local Funds for Construction</b>				<b>\$ 13,960.50</b>	<b>Subtotal</b>	<b>\$ 539,806.00</b>
	FDOT IN-HOUSE DESIGN SUPPORT (Phase 31) <b>(REQUIRED)</b>	1	LS	\$5,000	\$ 5,000.00	FDOT In-House Support must be included as an FHWA Participating Item LOCAL FUNDS FOR DESIGN CONTINGENCY <b>(REQUIRED)</b> Local Agency Design Work is not a FHWA Participating Item Contingency is not a FHWA Participating Item Administrative Fee is not a FHWA Participating Item FDOT In-House Support must be included as an FHWA Participating Item						
	ADDITIONAL FDOT IN-HOUSE DESIGN SUPPORT FOR CRITICAL PROJECTS	0	LS	\$2,000	\$ -							
	FDOT IN-HOUSE CONSTRUCTION SUPPORT (Phase 61) <b>(REQUIRED)</b>	1	LS	\$5,000	\$ 5,000.00							
	ADDITIONAL FDOT IN-HOUSE CONSTRUCTION SUPPORT FOR CRITICAL PROJECTS	0	LS	\$2,000	\$ -							
	LOCAL FUNDS FOR DESIGN CONTINGENCY <b>(REQUIRED)</b>					1	LS	5%	\$ 26,990.30			
	TRANSIT RELATED PROJECTS (10% FTA ADMINISTRATIVE FEE)					1	LS	20%	\$ 107,961.20			
	LOCAL FUNDS FOR CONSTRUCTION ENGINEERING & INSPECTION ACTIVITIES (CEI)					0	LS	10%	\$ -			
	FDOT OVERSIGHT CEI (3% OF TOTAL CONSTRUCTION COST ESTIMATE) (Phase 62) <b>(REQUIRED)</b>	1	LS	3%	\$ 16,194.18	1	LS	5%	\$ 26,990.30			
					<b>\$ 552,039.68</b>					<b>\$ 175,902.30</b>	<b>\$ 727,941.98</b>	

Subtotal FHWA Participating	Subtotal FHWA Non-Participating	Total Construction Cost Estimate
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Prepared by: \_\_\_\_\_ PE Number: \_\_\_\_\_

Name: \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Reviewed by: \_\_\_\_\_

Name: \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Approved by (Agency Responsible Charge): \_\_\_\_\_

Name: \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_



# Cost Estimate for 10' Wide Path

\$727,941 Includes

- Clearing and grubbing
- Excavation
- Grading
- Base Course
- Asphalt – 10' wide multi-purpose pathway
- ADA ramps for concrete sidewalk
- Striping and Signage
- TA Grant also allows up to 25% of total cost to be in landscaping
- Local funds of \$175,902 for surveying, material testing, as-builts, and contingency



# Questions?

Michael O'Dell – [modell@wellingtonfl.gov](mailto:modell@wellingtonfl.gov)

Ryan Harding – [rharding@wellingtonfl.gov](mailto:rharding@wellingtonfl.gov)