



Bayshore Dr. Sidewalk Update

December 11, 2024

Agenda

- Introductions
- Background
- Conceptual Design
- Objective Measures Evaluation
- Conclusion





Introductions

City Project Manager

Jon Kramer, P.E.

Assistant City Engineer

Design Engineer

Jeff Raykos, P.E.

DMK Associates, Inc.

Background

- Citizens addressed City Council and identified a safety concern with pedestrians on Bayshore Dr. They identified the area between Tarpon Street and Bayshore Circle as the most dangerous area.
- City Council directed staff to initiate a Capital Improvement Project to construct a sidewalk on one side of the road between these limits.
- Residents expressed concerns regarding which side of the road would be best for sidewalk construction.
- City staff contracted with a consulting engineering firm to prepare conceptual sidewalk designs for each side of the roadway for evaluation.

Conceptual Design

Both sides of the roadway were surveyed from front of home on the west to front of home on the east so that all existing improvements could be accurately shown.

Conceptual sidewalk designs were prepared and are available at this meeting. The design engineer is present to answer questions.

- Cost Analysis
- Connectivity
- Stormwater Design
- Utilities Project Coordination

Objective Measures Evaluation



West Side

City of Venice - Bayshore Drive Sidewalk - West Side Option					
ENGINEER'S ESTIMATE OF PROBABLE COSTS - Conceptual Design DRAFT					
No.	Description	Qty.	Units	Unit Price	Amt.
I. GENERAL					
101-1	Mobilization	1	LS	25,000.00	25,000.00
1001-1	Survey, Stakeout, & Record Drawings	1	LS	20,000.00	20,000.00
102-1	Maintenance of Traffic	1	LS	8,000.00	8,000.00
104-1	Erosion Control	1	LS	4,000.00	4,000.00
SUBTOTAL =					57,000.00
II. CLEARING, GRUBBING & EARTHWORK					
110-1	Clearing & Grubbing	2026	SY	3.00	6,078.00
110-2	Mailbox (Remove, Store and Replace)	10	EA	200.00	2,000.00
120-1	Excavation, Embankment and Grading	1	LS	15,000.00	15,000.00
570-1	Sod (Bahia)	949	SY	5.00	4,745.00
SUBTOTAL =					27,823.00
III. DRAINAGE					
425-1	Type "C" DBI	11	EA	2,000.00	22,000.00
	Valley Gutter Inlet	4	EA	2,500.00	10,000.00
	Mitered End Section (Elliptical)(12"x18")	1	EA	1,650.00	1,650.00
	Elliptical Concrete Pipe Culvert (12"x18")	1083	LF	90.00	92,970.00
	Removal of Existing Elliptical Concrete Pipe Culvert (12"x18")	398	LF	10.00	3,980.00
	Removal of Existing Concrete Pipe Culvert (12" diameter)	49	LF	10.00	490.00
	Removal of Existing Concrete Pipe Culvert (15" diameter)	108	LF	10.00	1,080.00
	Removal of Existing Catch Basins	4	EA	500.00	2,000.00
	Removal of Existing Catch Basin Grates/Lid and Replace with Manhole Rim and Lid	2	EA	1,500.00	3,000.00
					0.00
					0.00
SUBTOTAL =					137,170.00
IV. SIDEWALK					
	Miami Curb	618	LF	50.00	30,900.00
522-1	4" Concrete Sidewalk	510	SY	75.00	38,250.00
522-2	6" Concrete Sidewalk	159	SY	138.00	21,942.00
527-1	Detectable Warning System	20	SF	50.00	1,000.00
SUBTOTAL =					92,092.00
V. DRIVEWAY					
522-3	6" Concrete Driveway & Apron	408	SY	138.00	56,304.00
SUBTOTAL =					56,304.00
VI. SIGNAGE & STRIPING					
700-1	Single Post Sign (Remove and Replace)	3	EA	300.00	900.00
SUBTOTAL =					900.00
VII. UTILITIES					
	Remove and Reset Pole and Street Lights	3	EA	3,000.00	9,000.00
SUBTOTAL =					9,000.00
SUMMARY					
I. GENERAL					\$ 57,000.00
II. CLEARING, GRUBBING & EARTHWORK					\$ 27,823.00
III. DRAINAGE					\$ 137,170.00
IV. SIDEWALK					\$ 92,092.00
V. DRIVEWAY					\$ 56,304.00
VI. SIGNAGE & STRIPING					\$ 900.00
VII. UTILITIES					\$ 9,000.00
SUBTOTAL					\$ 380,289.00
5% CONTINGENCY					\$ 19,014.45
TOTAL =					\$ 399,303.45

East Side

City of Venice - Bayshore Drive Sidewalk - East Side Option					
ENGINEER'S ESTIMATE OF PROBABLE COSTS - Conceptual Design DRAFT					
No.	Description	Qty.	Units	Unit Price	Amt.
I. GENERAL					
101-1	Mobilization	1	LS	25,000.00	25,000.00
1001-1	Survey, Stakeout, & Record Drawings	1	LS	22,000.00	22,000.00
102-1	Maintenance of Traffic	1	LS	9,000.00	9,000.00
104-1	Erosion Control	1	LS	4,500.00	4,500.00
SUBTOTAL =					60,500.00
II. CLEARING, GRUBBING & EARTHWORK					
110-1	Clearing & Grubbing	2236	SY	3.00	6,708.00
110-2	Mailbox (Remove, Store and Replace)	12	EA	200.00	2,400.00
120-1	Excavation, Embankment and Grading	1	LS	15,000.00	15,000.00
570-1	Sod (Bahia)	944	SY	5.00	4,720.00
SUBTOTAL =					28,828.00
III. DRAINAGE					
425-1	Type "C" DBI	12	EA	2,000.00	24,000.00
	Valley Gutter Inlet	4	EA	2,500.00	10,000.00
	Mitered End Section (Elliptical)(12"x18")	1	EA	1,650.00	1,650.00
	Elliptical Concrete Pipe Culvert (12"x18")	1206	LF	90.00	108,540.00
	Removal of Existing Elliptical Concrete Pipe Culvert (12"x18")	766	LF	10.00	7,660.00
	Removal of Existing Concrete Pipe Culvert (12" diameter)	96	LF	10.00	960.00
	Removal of Existing Catch Basins	5	EA	500.00	2,500.00
	Existing Catch Basin Modification	1	EA	2,500.00	2,500.00
SUBTOTAL =					157,810.00
IV. SIDEWALK					
	Miami Curb	699	LF	50.00	34,950.00
522-1	4" Concrete Sidewalk	539	SY	75.00	40,425.00
522-2	6" Concrete Sidewalk	208	SY	138.00	28,704.00
527-1	Detectable Warning System	20	SF	50.00	1,000.00
SUBTOTAL =					105,079.00
V. DRIVEWAY					
522-3	6" Concrete Driveway & Apron	545	SY	138.00	75,210.00
SUBTOTAL =					75,210.00
VI. SIGNAGE & STRIPING					
700-1	Single Post Sign (Remove and Replace)	4	EA	300.00	1,200.00
SUBTOTAL =					1,200.00
VII. UTILITIES					
	Remove and Reset Pole and Street Lights	3	EA	3,000.00	9,000.00
	Water and Sewer Valve Adjustment	3	EA	200.00	600.00
	Remove and Relocate Existing Fire Hydrant	1	EA	5,000.00	5,000.00
	Remove and Relocate Utility Pole	3	EA	5,000.00	15,000.00
SUBTOTAL =					29,600.00
SUMMARY					
I. GENERAL					\$ 60,500.00
II. CLEARING, GRUBBING & EARTHWORK					\$ 28,828.00
III. DRAINAGE					\$ 157,810.00
IV. SIDEWALK					\$ 105,079.00
V. DRIVEWAY					\$ 75,210.00
VI. SIGNAGE & STRIPING					\$ 1,200.00
VII. UTILITIES					\$ 29,600.00
SUBTOTAL					\$ 456,227.00
5% CONTINGENCY					\$ 22,911.35
TOTAL =					\$ 481,138.35

Cost Analysis

West Side

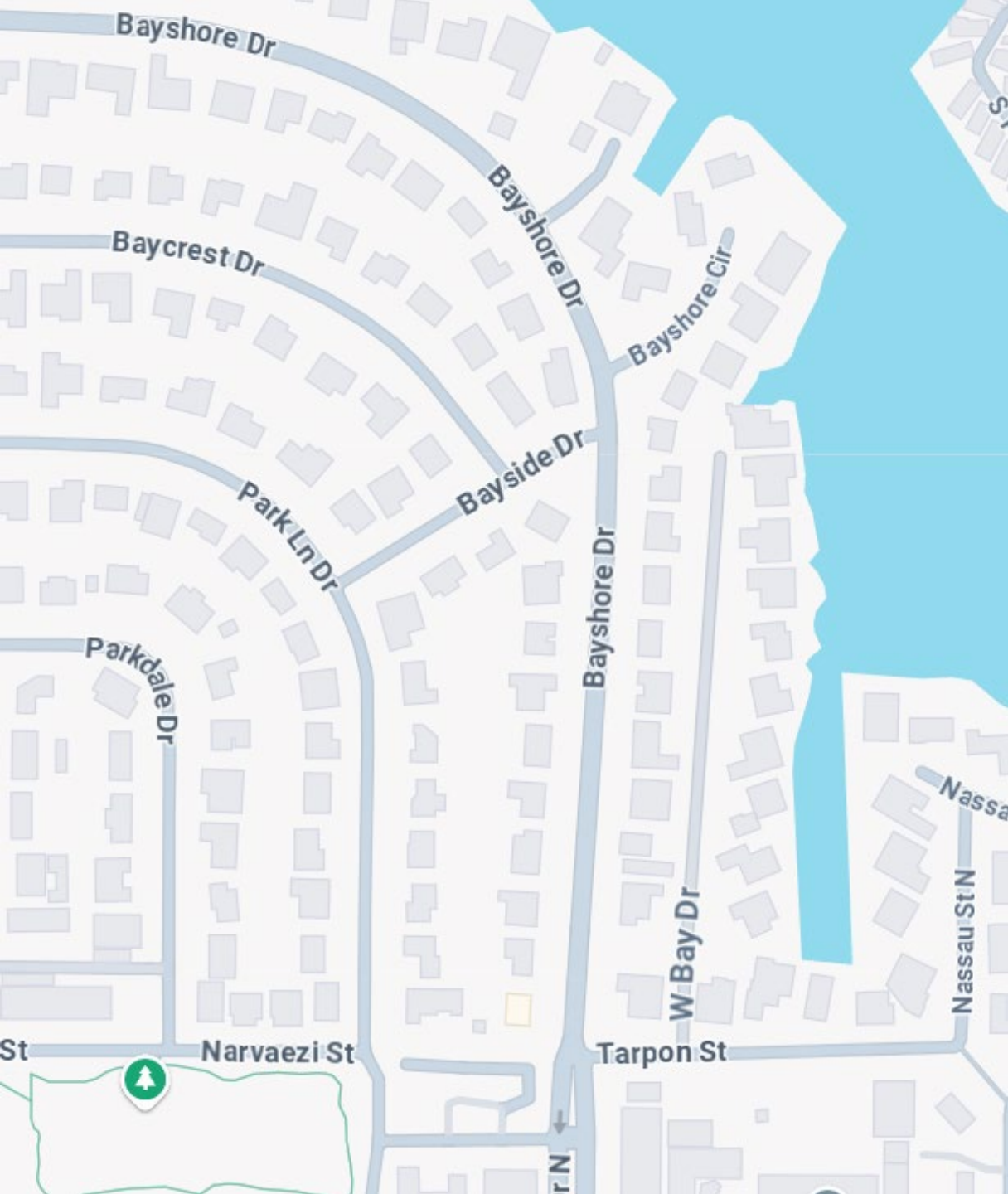
Total: \$399,303.45

East Side

Total: \$481,138.35


Cost Analysis





Connectivity

A sidewalk on the west side allows potential future connectivity to Bayside Dr, Baycrest Dr, and Park Ln. Dr.

THIS FORM IS INTENDED TO FACILITATE AND GUIDE THE DIALOGUE DURING A PRE-APPLICATION MEETING BY PROVIDING A PARTIAL "PROMPT LIST" OF DISCUSSION SUBJECTS. IT IS NOT A LIST OF REQUIREMENTS FOR SUBMITTAL BY THE APPLICANT.			
 SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT RESOURCE REGULATION DIVISION PRE-APPLICATION MEETING NOTES			FILE NUMBER: PA 411436
Date:	5/9/2024		
Time:	14:00		
Project Name:	City of Venice - Bayshore Drive Sidewalk		
District Engineer:	Chris Kuzlo		
District ES:	Jeff Glas		
Attendees:	Kreg Maheu (kmaheu@dmkassoc.com), Tom Ballenger, Jon Kramer		
County: Sarasota	Sec/Twp/Rge:	12/39/18 and 7/39/19	
Total Land Acreage:	Project Acreage:	acres	
Prior On-Site/Off-Site Permit Activity:			
<ul style="list-style-type: none"> N/A 			
Project Overview:			
<ul style="list-style-type: none"> The proposed activity includes the construction of a sidewalk along Bayshore Dr. between Tarpon St. and Bayshore Cir. The proposed activity may qualify for an exemption as long as criteria listed under 62-330.051(4) are met. 			
Environmental Discussion: (Wetlands On-Site, Wetlands on Adjacent Properties, Delineation, T&E species, Easements, Drawdown Issues, Setbacks, Justification, Elimination/Reduction, Permanent/Temporary Impacts, Secondary and Cumulative Impacts, Mitigation Options, SHWL, Upland Habitats, Site Visit, etc.)			
<ul style="list-style-type: none"> A site visit by District staff will be required to verify the presence or absence of wetlands and/or surface waters. Prior to the site visit, District staff will contact the applicant or authorized agent to provide an approximate date of the site visit and to ensure that the project area is accessible. If wetlands or surface waters are discovered during the site visit, additional information may be required. A site visit will not be scheduled until the appropriate signatures on the application and the fee is submitted. 			
Site Information Discussion: (SHW Levels, Floodplain, Tailwater Conditions, Adjacent Off-Site Contributing Sources, Receiving Waterbody, etc.)			
<ul style="list-style-type: none"> Existing roadway/intersections - along Bayshore Dr. from Tarpon St. to Bayshore Cir. Watersheds - Island of Venice. 100-year riverine floodplain along the project area. Watershed model information is available for download using the following link: https://watermatters.sharefile.com/d-s8c9019e00fd243908654e733a6b2016c WBIDs - Roberts Bay (WBID 2018A). WBID is currently listed for nutrient related impairments. <u>WBIDs need to be independently verified by the consultant</u> Sarasota Bay Estuarine System is OFW. Check FDEP MapDirect layer for possible contamination points within/adjacent to the project area. FDEP Map Direct <p>Please verify with FDEP if any have current contamination issues after the application is submitted. <u>For known contamination within the site or within 100' beyond the proposed stormwater management system:</u></p> <ul style="list-style-type: none"> - After the application is submitted, please contact FDEP staff listed below and provide them with the ERP Application ID # along with a mounding analysis (groundwater elevation versus distance) of the proposed stormwater management system that shows the proposed groundwater mound will not adversely impact the contaminated area. FDEP will review the plans submitted to the District and mounding analysis to determine any adverse impacts. Provide documentation from FDEP that the proposed construction will not result in adverse impacts. This is required prior to the ERP Application being deemed complete. - FDEP Contacts: - For projects located within Sarasota, DeSoto, Highlands and Charlotte Counties: Phil Wilkerson; Philip.wilkerson@floridadep.gov <ul style="list-style-type: none"> Any wells on site should be identified and their future use/abandonment must be designated. 			

Stormwater Design

A pre-application meeting was held with the Southwest Florida Water Management District (SWFWMD) to review the proposed stormwater design for both sides.

Construction of a sidewalk on the west side allows more runoff to be collected in the proposed stormwater management system.



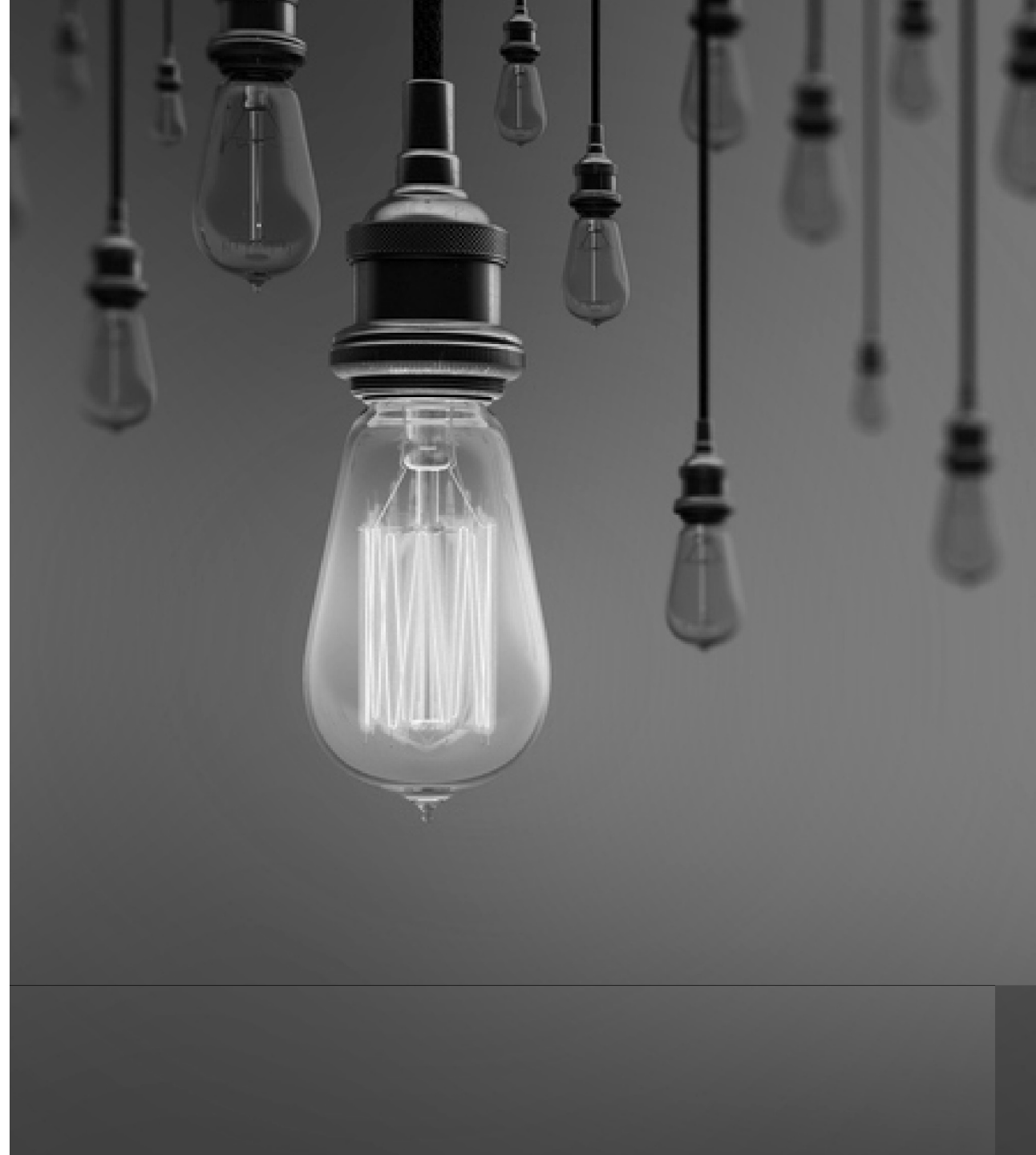
Utilities Project Coordination

Adopted Water Main Replacement Phase 7 project will abandon water lines and meters behind homes on the west side and install new water lines and meters in the right-of-way in front of the homes.

Construction of a sidewalk on the west side will allow the utility lines to be constructed simultaneously.

Conclusion

Staff will proceed with the final design and construction of a sidewalk along the west side of the road.





Thank you

Jon Kramer, P.E.

Assistant City Engineer

941-882-7410

jkramer@venicefl.gov