



PUBLIC WORKSHOP

Agenda

Agenda

**June 7, 2022
6:00 PM**

****VIRTUAL WORKSHOP****

**JOIN ZOOM MEETING: [HTTPS://US06WEB.ZOOM.US/J/81814940250?](https://us06web.zoom.us/j/81814940250?pwd=TXFLWE9MU0HAYUOVEKPKDJVVVWMZQT09)
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**MEETING ID: 818 1494 0250
PASSCODE: 081325**

PLEASE TURN OFF ALL CELL PHONES AND PAGERS

PLEASE NOTE: IN ACCORDANCE WITH F.S. 286.26: Person with disabilities needing assistance to participate in any such proceedings should contact the Office of the Clerk at least 48 hours beforehand at (407) 876-2563.

Pursuant to Resolution No. 2005-12 adopted on December 13, 2005, the following Civility Code shall govern all proceedings before the Town of Windermere Public Workshop:

1. All electronic devices, including cell phones and pagers, shall be either turned off or otherwise silenced.
2. Prolonged conversation shall be conducted outside Council meeting hall.
3. Whistling, heckling, gesturing, loud conversations, or other disruptive behavior is prohibited.
4. Only those individuals who have signed the speaker list and/or who have been recognized by the Mayor (or Chair) may address comments to the Council.
5. Comments at public hearings shall be limited to the subject being considered by the Council
6. Comments at Open Forums shall be directed to Town issues.
7. All public comments shall avoid personal attacks and abusive language
8. No person attending a Public Workshop meeting is to harass, annoy, or otherwise disturb any other person in the room.

Any member of the public whose behavior is disruptive and violates the Town of Windermere Civility Code is subject to removal from the Public Workshop meeting by an officer and such other actions as may be appropriate. PLEASE NOTE: IN ACCORDANCE WITH F.S. 286.0105: Any person who desires to appeal any decision at this meeting will need a record of this proceeding. For this, such person may need to ensure that a verbatim record of such proceeding is made which includes the

AGENDA

1. BACKGROUND ON WINDERMERE WARD TRAIL (MULTI MODAL PATH) / PROPERTY SWAP - TOWN MANAGER SMITH TO PRESENT

a. Plan map

b. Landscape option slides from April 5, 2022 Public Workshop

c. Proposed RR ROW Swap area

2. DISCUSSION

3. ADJOURN

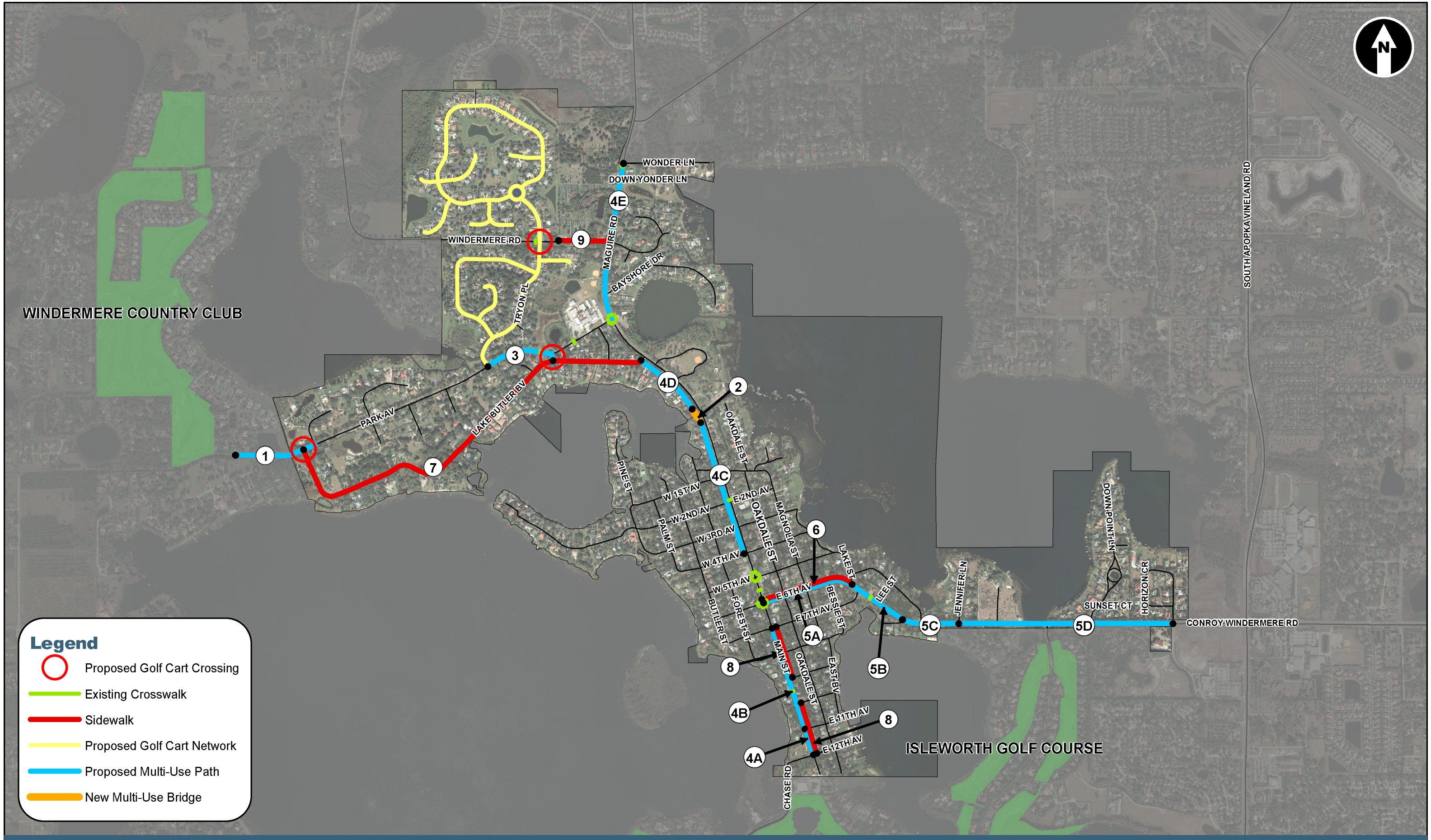


EXHIBIT 12 : Improvements Map
Windermere Multi-Modal Study

Table 2a – Improvement Recommendations

Segment ID	Roadway Segment	From	To	Segment Length (mi)	Improvement	Notes	Next Step	General Cost per mile	Construction Cost Estimate	Planning, Design, CEI, Contingency Costs	10% CEI	15% Contingency	Total Opinion of Probable Cost
Tier I - Critical Connections													
1	Park Avenue	Lake Butler Boulevard	Butler Bay Drive	0.25	Trail	Short segment to connect Town to Golf Course.	Feasibility Study	\$334,772	\$83,700	\$37,740	\$8,400	\$12,600	\$142,440
2	New Canal Bridge	N Bay Road	S Lake Butler Boulevard	0.0152		Necessary connection / link	Obtain funding	\$27,899,715	\$424,100	\$190,820	\$42,400	\$63,600	\$720,920
3	Park Avenue	Tryon Place	Lake Butler Boulevard	0.25		Short link provides connection between north Windermere and remaining system.	Feasibility Study	\$334,772	\$83,700	\$37,740	\$8,400	\$12,600	\$142,440
4A	Main Street	12th Avenue	11th Avenue	0.09	Trail	No existing SW or path.	Feasibility Study	\$308,372	\$27,800	\$12,560	\$2,800	\$4,200	\$47,360
4B		11th Avenue	7th Avenue	0.35	Trail	Remove existing sidewalk, replace with path	Feasibility Study	\$334,772	\$117,200	\$52,740	\$11,700	\$17,600	\$199,240
4C		4th Avenue	Bridge	0.48	Trail	Remove existing sidewalk, replace with path	Feasibility Study	\$334,772	\$160,700	\$72,340	\$16,100	\$24,100	\$273,240
4D		Bridge	Park Avenue	0.42	Trail	No existing SW or path.	Feasibility Study	\$308,372	\$129,500	\$58,300	\$13,000	\$19,400	\$220,200
4E		Park Avenue	Wonder Lane (North Town Limits)	0.52	Trail	No existing SW or path.	Feasibility Study	\$308,372	\$160,400	\$72,180	\$16,000	\$24,100	\$272,680
5A		Main Street	Lake Street	0.3	Trail	No existing SW or path.	Feasibility Study	\$308,372	\$92,500	\$41,700	\$9,300	\$13,900	\$157,400
5B		Lake Street	Highland Avenue	0.25	Trail	Remove existing sidewalk, replace with path	Feasibility Study	\$334,772	\$83,700	\$37,740	\$8,400	\$12,600	\$142,440
5C	E 6th Avenue	Highland Avenue	Mid-block crosswalk before Jennifer Lane	0.11	Trail	No existing SW or path.	Feasibility Study	\$308,372	\$33,900	\$15,280	\$3,400	\$5,100	\$57,680
5D		Mid-block crosswalk before Jennifer Lane	Horizon Circle	0.77	Trail	Remove existing sidewalk, replace with path	Feasibility Study	\$334,772	\$257,800	\$116,060	\$25,800	\$38,700	\$438,360
Total Tier I Cost: \$2,814,400													
Tier II - Other Primary Connections													
6	E 6th Avenue	90' from Main Street	Lake Street	0.28	Sidewalk, North side	Right-of-way encroachments are likely, utilities may be conflicts (drainage features, fence lines, utility poles) and limited space available at boat ramp. Possible route of multi-use path.	Feasibility Study - Determine costs, impacts, fatal flaws. Determine typical section.	\$110,392	\$30,900	\$19,880	\$3,100	\$4,600	\$58,480
7	Lake Butler Boulevard	Park Avenue	Maguire Road	2.77	Sidewalk	Likely right-of-way constraints. Landscaping often continues up to the pavement edge. Overhead utilities on north side. Limited space.	Feasibility Study	\$110,392	\$305,800	\$147,660	\$30,600	\$45,900	\$529,960
8	Main Street	12th Avenue 9th Avenue	10th Avenue 7th Avenue	0.36	Sidewalk, East side	SW on east side of road	Feasibility Study	\$110,393	\$39,700	\$22,940	\$4,000	\$6,000	\$72,640
9	Windermere Road	11355 Windermere Road	Maguire Road	0.17	Sidewalk, North side	Sidewalk gap on north side. Intersection with Maguire Road needs crosswalks, ramps, and sidewalk connections.	Design Improvements	\$110,392	\$18,800	\$8,460	\$1,900	\$2,800	\$31,960
Total Tier II Cost: \$693,040													
Tier I and Tier II Total Length (mi) 7.4													
Tier I and Tier II Total Cost \$3,507,440													

Table 2b – Additional Improvements

Segment ID	Roadway Segment	From	To	Segment Length (mi)	Improvement	Notes	Next Step	General Cost per mile	Construction Cost Estimate	Planning, Design, CEI, Contingency Costs	10% CEI	15% Contingency	Total Opinion of Probable Cost
Tier III -Additional Needs and Alternatives													
n/a	Bayshore Drive	2375 Bayshore Drive	10972 Bayshore Drive	0.78	Sidewalk	There is likely space on the south side for construction of a sidewalk.	Determine Public Support then Design	\$110,392	\$86,100	\$38,720	\$8,600	\$12,900	\$146,320
n/a	Down Point Lane	4414 Down Point Lane	4413 Down Point Lane	0.39	Sidewalk	Construct sidewalk along the east side of roadway.	Determine Public Support then Design	\$110,392	\$43,100	\$19,420	\$4,300	\$6,500	\$73,320
n/a	Down Yonder Lane	Maguire Road	End of Roadway	0.34	Sidewalk	Private Road.	Determine whether this sidewalk should be included.	\$110,392	\$37,500	\$16,900	\$3,800	\$5,600	\$63,800
n/a	E 6th Avenue	Boat ramp entrance	Isleworth Country Club Drive	0.09	Sidewalk, North side	Low Priority	Feasibility Study - Determine costs, impacts, fatal flaws. Determine typical section.	\$110,393	\$9,900	\$10,480	\$1,000	\$1,500	\$22,880
n/a	Horizon Circle	7085 Horizons Circle		0.1	Sidewalk	Sidewalk stops at vacant properties. Town should require construction of sidewalk by home builder.	Require from builders	n/a	n/a	n/a	n/a	n/a	n/a
		7134 Horizons Circle		0.1									
n/a	Park Avenue	Western Town limit	Lake Butler Blvd	0.19	Sidewalk	No sidewalk on south side of Park, west of Lake Butler. This portion is likely low demand and should be a low priority compared to other projects.	No action recommended at this time - low priority	n/a	n/a	n/a	n/a	n/a	n/a
n/a	Park Avenue	Elementary School	Maguire Road	0.19	Sidewalk	North side (in front of school) has no sidewalk. This would cross both Bus driveways.	Coordinate with school.	\$110,392	\$21,000	\$9,300	\$2,100	\$3,000	\$35,400
n/a	Schooner Way	Maguire Road	End of Roadway	0.49	Sidewalk	Trees, mailboxes, and landscaping are likely constraints/concerns. It is not clear which side should have a sidewalk.	Feasibility Study	\$110,392	\$54,100	\$32,320	\$5,400	\$8,100	\$99,920
n/a	Willow Gardens Drive	Entire Length of Roadway		1.09	Sidewalk	Neighborhood road, sidewalk is mostly continuous on one side, lacks ramps and crossings.	Determine whether this sidewalk should be included.	\$110,392	\$120,300	\$54,060	\$12,000	\$18,000	\$204,360
n/a	Wonder Lane	Maguire Road	End of Roadway	0.54	Sidewalk	Private Road. Available space appears to be limited due to landscaping and drainage features.	Determine whether this sidewalk should be included.	\$110,392	\$59,600	\$26,820	\$6,000	\$8,900	\$101,320
n/a	Park Avenue	Main Street	Butler Bay Drive	1.34	Trail	Long segment all along Park Avenue.	Determine priority	\$334,772	\$448,600	\$201,920	\$44,900	\$67,300	\$762,720
n/a	Tryon Place	Park Avenue	Windermere Road	0.5	Trail / District	Rather than building a trail, the road could become part of the Golf Cart District.	Determine Priority	\$334,772	\$167,400	\$75,280	\$16,700	\$25,100	\$284,480

Ward Trail Design Workshop – Landscaping Components

April 05, 2022

Kimley»Horn

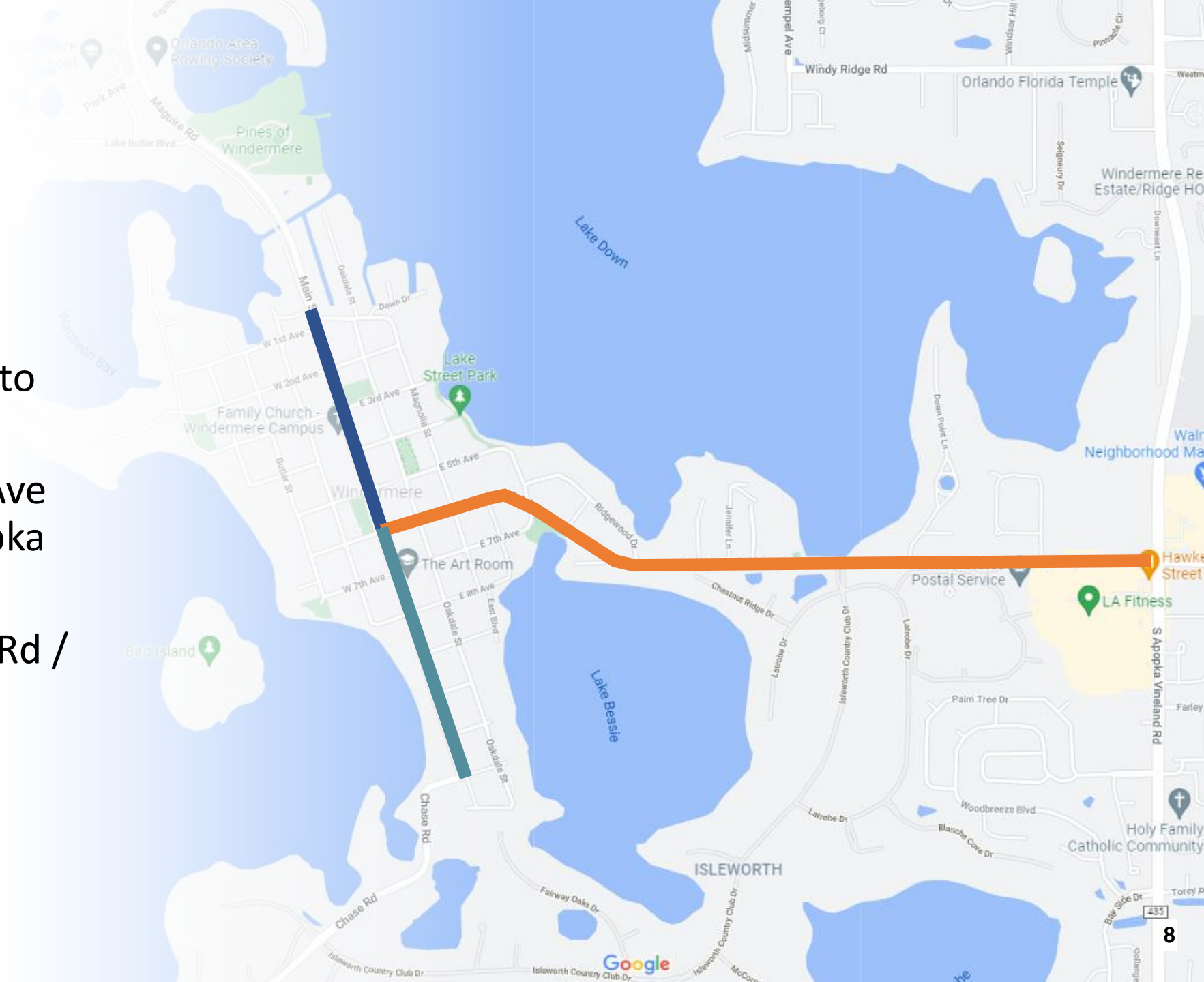
Phase I Limits



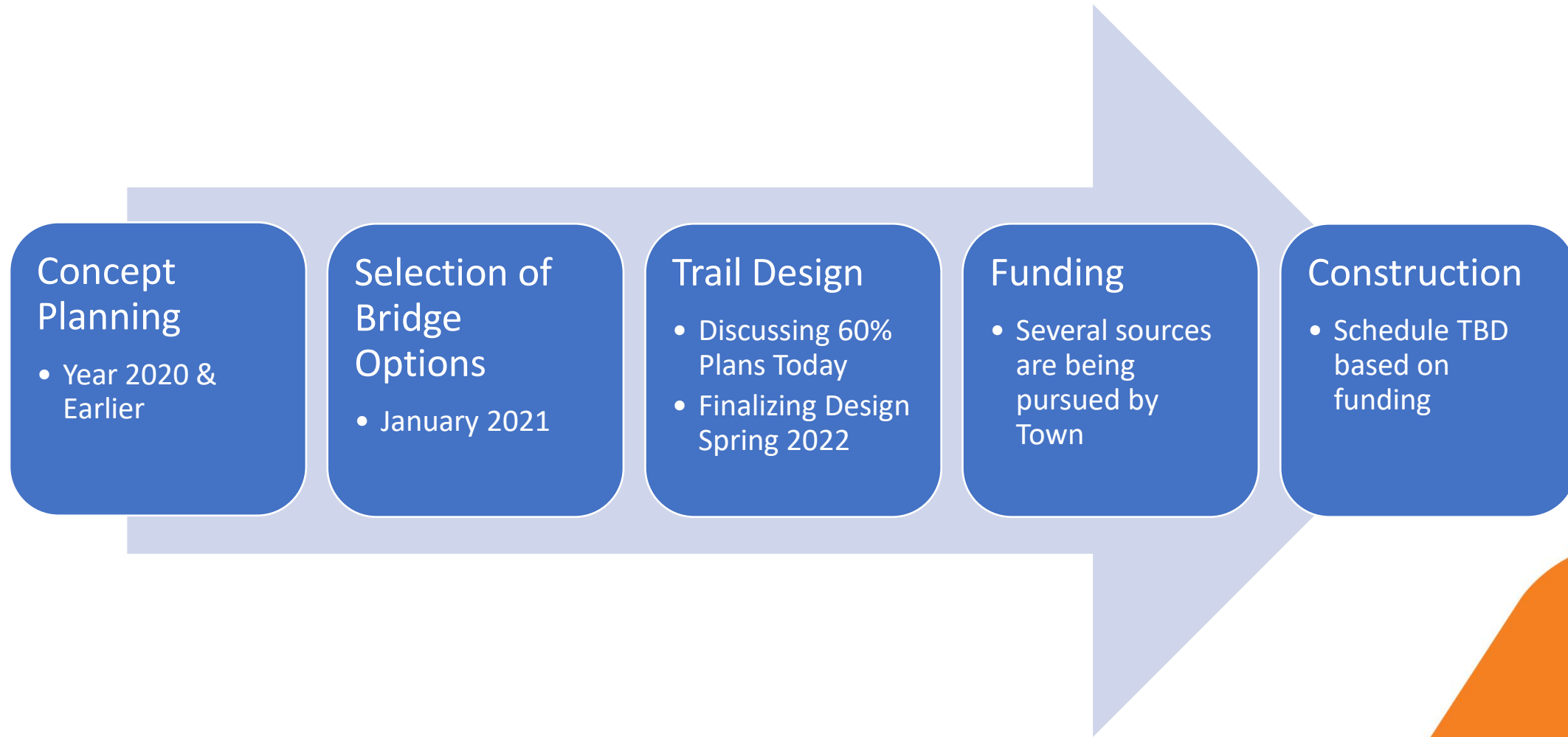
- From North Drive to Park Ave
- 0.6 miles
- Includes Canal Bridge

Future Phases

- Phase II from 6th Ave to North Dr
- Phase III – Along 6th Ave from Main St to Apopka Vineland Rd
- Phase IV from Chase Rd / 12th Ave to 6th Ave



Overall Process and History



Typical Section



Bridge Type: Bowstring

- Color: Black
- Height – 8 feet tall
- Width – 14 feet wide
- Deck – brushed concrete

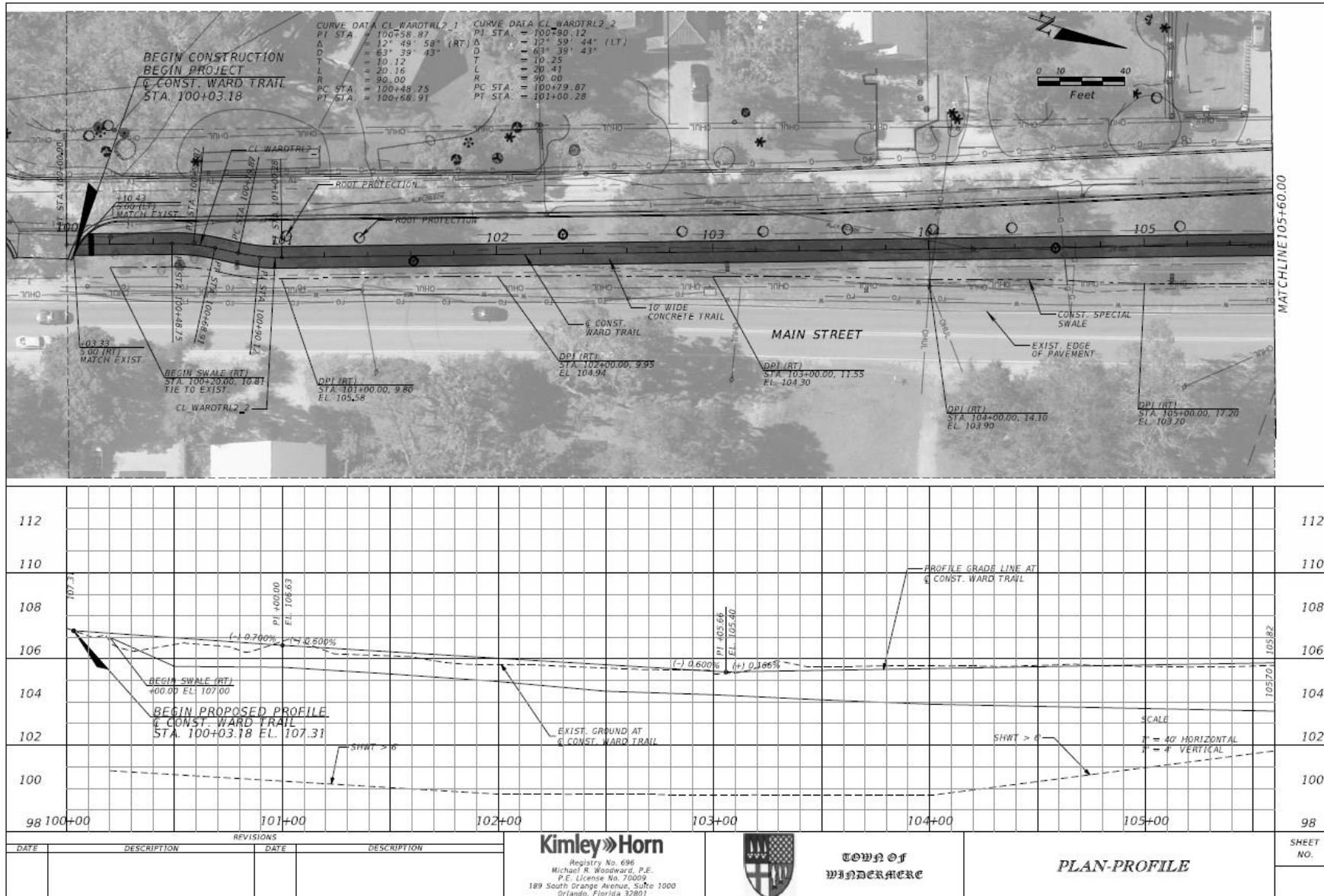


Recommendations from Arborist Report

- Root Protection Recommendations
 - Root Pruning or protection
 - Porous paving
 - Gravel base under trail
- Additional recommendations for tree removal
 - Poor structure
 - Poor conditions
 - Invasive species
- Recommended relocation of golf-cart connection to Lake Butler Blvd to avoid impacting Longleaf Pine



Design Plans: Minor Updates Since 60%



- Revised Alignment to avoid additional tree root impacts
- Relocated golf-cart connection to Lake Butler Blvd to avoid impacting Longleaf Pine

Options for Plantings

Elements to consider

- Tree Type
- Tree Density
- Shrub Type
- Shrub Density
- Overall likes and dislikes



Example Location – View from Lake Butler Boulevard



Concept 1



LOBLOLLY PINE
PINUS TAEDA



CUBAN GOLD DURANTA
DURANTA REPENS 'CUBAN GOLD'

Concept 2



SABAL PALM
SABAL PALMETTO



CUBAN GOLD DURANTA
DURANTA REPENS 'CUBAN GOLD'

Concept 3



PLANT PALETTE



LOBLOLLY PINE
PINUS TAEDA



SABAL PALM
SABAL PALMETTO



CUBAN GOLD DURANTA
DURANTA REPENS 'CUBAN GOLD'

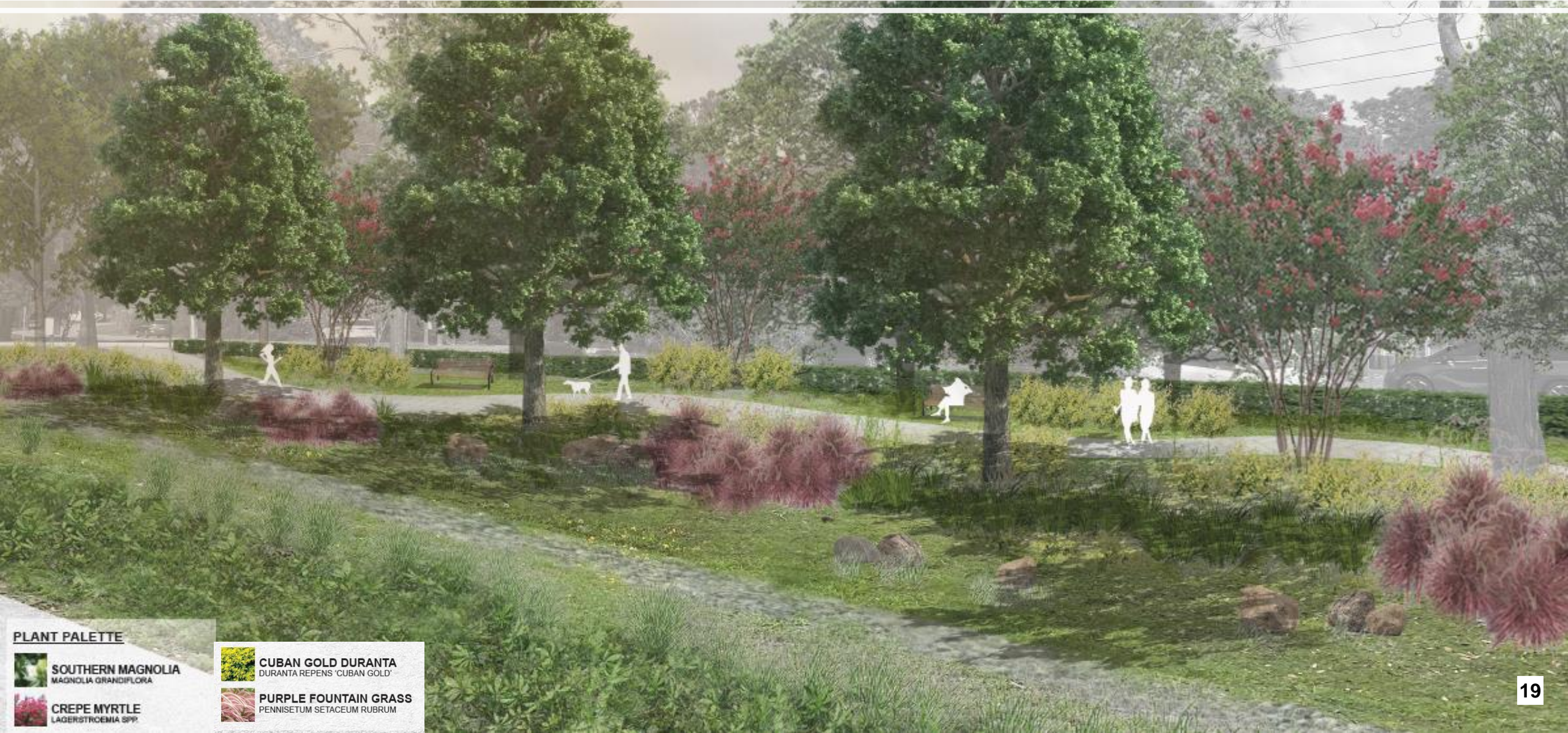


HAMELN FOUNTAIN GRASS
PENNISETUM ALOPECUROIDES 'HAMELN'



WALTER'S VIBURNUM
VIBURNUM OBOVATUM

Concept 4



PLANT PALETTE



SOUTHERN MAGNOLIA
MAGNOLIA GRANDIFLORA



CREPE MYRTLE
LAGERSTROEMIA SPP.



CUBAN GOLD DURANTA
DURANTA REPENS 'CUBAN GOLD'



PURPLE FOUNTAIN GRASS
Pennisetum setaceum rubrum

Discussion on Plant Pallate

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