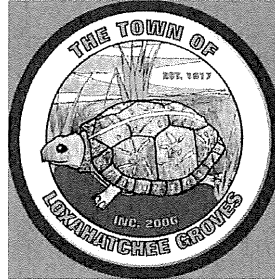


TOWN OF LOXAHATCHEE GROVES
TOWN HALL CONFERENCE ROOM
ROADWAY, EQUESTRIAN TRAILS AND GREENWAY (RETAG) ADVISORY COMMITTEE
AND
FINANCE COMMITTEE JOINT MEETING

AGENDA

January 22, 2020 – 6:00 P.M.



RETAG ADVISORY COMMITTEE

Bill Louda
Patrick Painter
Paul Coleman
Jodie Jansen
Darcy Murray

FINANCE COMMITTEE

Anita Kane
Peter Savino
Bruce Cunningham
Janet Eick
Angelo Rossi
Laura Cacioppo (alt)

Administration

Town Manager, Jamie Titcomb
Assistant Town Manager Francine Ramaglia
Town Clerk, Lakisha Burch
Town's Planning Consultant, Jim Fleishmann

Civility: Being "civil" is not a restraint on the First Amendment right to speak out, but it is more than just being polite. Civility is stating your opinions and beliefs, without degrading someone else in the process. Civility requires a person to respect other people's opinions and beliefs even if he or she strongly disagrees. It is finding a common ground for dialogue with others. It is being patient, graceful, and having a strong character. That's why we say "Character Counts" in Town of Loxahatchee. Civility is practiced at all Town meetings.

Special Needs: In accordance with the provisions of the American with Disabilities Act (ADA), persons in need of a special accommodation to participate in this proceeding shall within three business days prior to any proceeding, contact the Town Clerk's Office, 155 F Road, Loxahatchee Groves, Florida, (561) 793-2418.

ROLLCALL

AGENDA ITEMS

1. Capital Improvements Planning Components:

a. Comprehensive Plan (Policy Component): See attached Local Road Classification System and maps (Roadway Map and Trails Map) and 5-Year Schedule of Capital Improvements format (Pages 1 – 5).

b. Capital Plan (Budget Component): See attached Town annual budget Capital Plan format (Page 6).

2. Establish General Capital Project Priorities: See attached Notes from 9/28/2019 Town Visioning Session, Council Notes (Other Considerations for Future Capital Projects for Roads, Trails, Canals, and Buildings), RETAG Advisory Committee Priorities (Pages 7 – 16).

3. Capital Improvements Project Categories:

a. Local Public Road Grid Improvements, including Road Surfaces, Drainage, Traffic Calming and Multi-Purpose Trails.

(1). **Grid Classification System Discussion** - See attached Maps (Road Levels of Service Existing Roadway Surfaces, and Trails maps. 11” x 17” copies to be distributed at the meeting) (Pages 1 and 2).

(2) **Grid Evaluation Matrix** – (Draft for discussion on Page 17).

(3) **Ongoing non-capital projects** – Renewal, replacement and maintenance (Pages 19 – 25)

b. Non-Road Related Stormwater Capital Improvements

(1). **NPDES Requirement Introduction**

(2). **Canal Restoration and Improvement**

c. Southern Boulevard/Okeechobee Boulevard Traffic Calming, Multi-Purpose Trails, Connectivity, and County Utilities Capital Improvements.

(1). **Technical Assistance Grant Update**

(2). **Transportation Planning Agency (TPA) Grant Update**

d. Current Legislative Session Proposals Update (Pages 26 – 27)

e. Palm Beach State College Capital Improvements

f. Miscellaneous Long Term Capital Improvements

(1). **Town Center**

(2). **Equestrian Facilities (e.g. Arena)**

(3). **Recreation Facilities**

(4) **Other Joint Committee Recommendations**

4. Future Joint Committee Meeting Alternatives: Fewer, longer meetings or additional two-hour meetings.

COMMENTS FROM THE PUBLIC AND COMMITTEE MEMBERS

SET NEXT MEETING DATE

ADJOURNMENT

Comment Cards: Anyone from the public wishing to address the RETAG Advisory Committee, it is requested that you complete a Comment Card before speaking. Please fill out completely with your full name and address so that your comments can be entered correctly in the minutes. You may only address the item on the agenda being discussed at the time of your comment. During public comments, you may address any item you desire. Please remember that there is a three (3) minute time limit on all public comment. Persons with disabilities requiring accommodations in order to participate should contact the Town Clerk's Office (561-793-2418), at least 48 hours in advance to request such accommodation

Local Roads Classification System

The Town is in the process of developing a local roads classification system which will be used to assist in establishing long-term funding priorities and preparation of the annual budget and 5-year schedule of capital improvements.

Attached are two items related the classification of Town roads:

(1) A proposed Transportation Element amendment incorporating the proposed roadway classification system within the Comprehensive Plan. The amendment describes the function, design objective, maintenance responsibility, and principal funding sources for improvements and maintenance of each road classification.

(2) A Proposed Roadway Classification Map for the Town's local road system, which establishes 5 Town road categories (Level 1 – Level 5) and assigns these categories to the Town's local roads. Staff has prepared the map with assistance from the RETAG Advisory Committee.

The Joint Committee recommended approval of the following road classification system Comprehensive Plan Transportation Element text amendment and Map.

Road Classification	Function	Design Objective	Funding
<u>Service Level 1</u>	Principal public access from Town properties to Okeechobee Boulevard and Southern Boulevard	Improved or unimproved, as determined by the Town	Town gas tax, road & drainage assessments, and/or a cost-sharing assessment
<u>Service Level 2</u>	Public access from Town properties to Okeechobee Boulevard -or Southern Boulevard	Improved or unimproved, as determined by the Town	Town gas tax and road & drainage assessments, and/or a cost-sharing assessment
<u>Service Level 3</u>	Connector public access between two or more Service Level 1 Roads	Improved or unimproved to be determined by Town and property improvement area owners	Town gas tax and road & drainage assessments, and/or cost sharing assessment
<u>Service Level 4</u>	Non-through public direct access to Town properties	Improvement can be requested by property improvement area owners and approved by Town.	Town gas tax and road & drainage assessments, and/or cost sharing assessment
<u>Service Level 5</u>	Non-through private direct access to Town properties	Improvements may be made by property improvement area owners	Owner's responsible for improvements and maintenance at Town standards.



Town of Loxahatchee Groves

Proposed Roadway Classification Map

October 2019

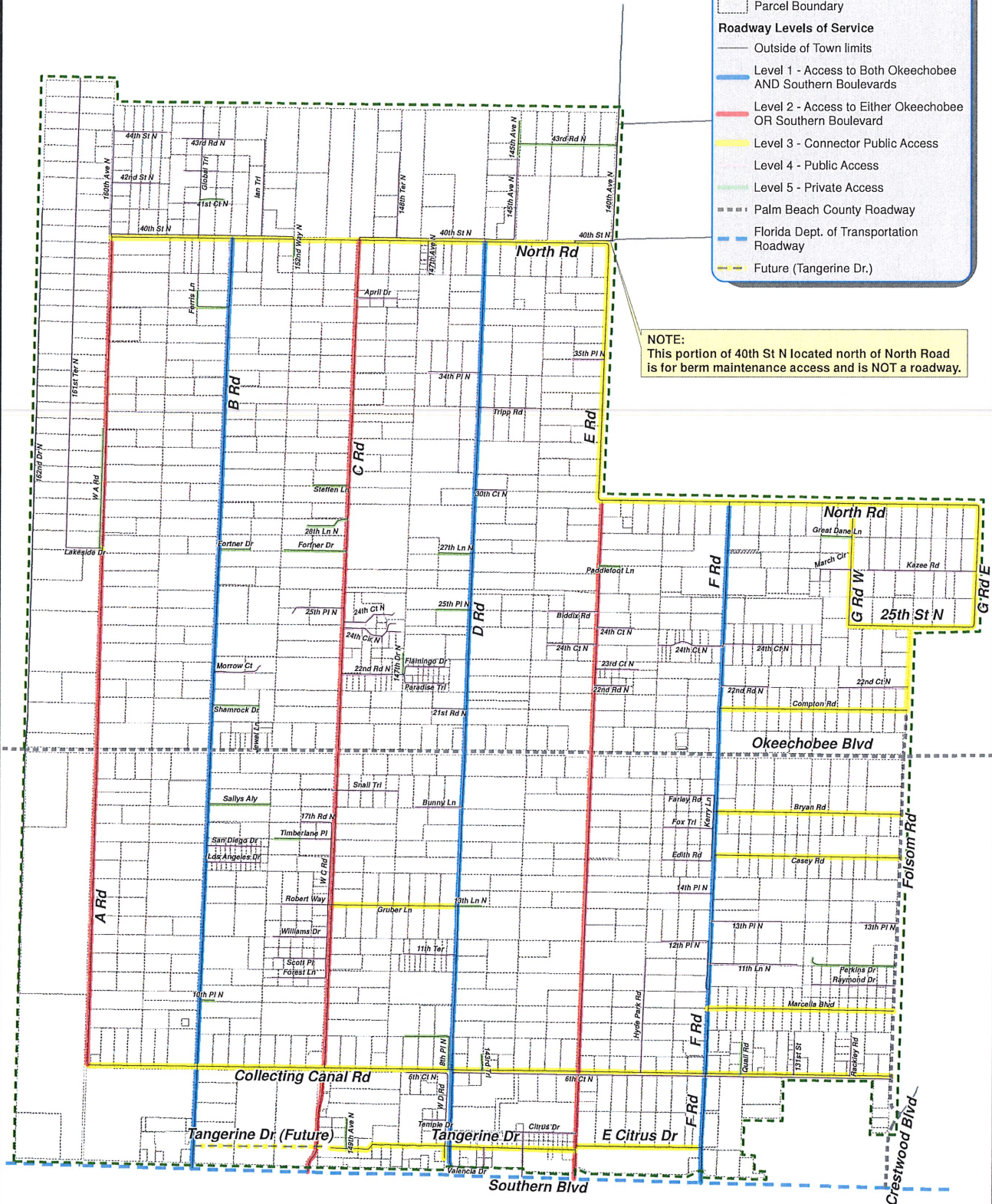


0 2,000 Feet

Legend

- Parcel Boundary
- Roadway Levels of Service
 - Outside of Town limits
 - Level 1 - Access to Both Okeechobee AND Southern Boulevards
 - Level 2 - Access to Either Okeechobee OR Southern Boulevard
 - Level 3 - Connector Public Access
 - Level 4 - Public Access
 - Level 5 - Private Access
- Palm Beach County Roadway
- Florida Dept. of Transportation Roadway
- Future (Tangerine Dr.)

NOTE:
This portion of 40th St N located north of North Road is for berm maintenance access and is NOT a roadway.



2



Town of Loxahatchee Groves

Trails Map

December 2019

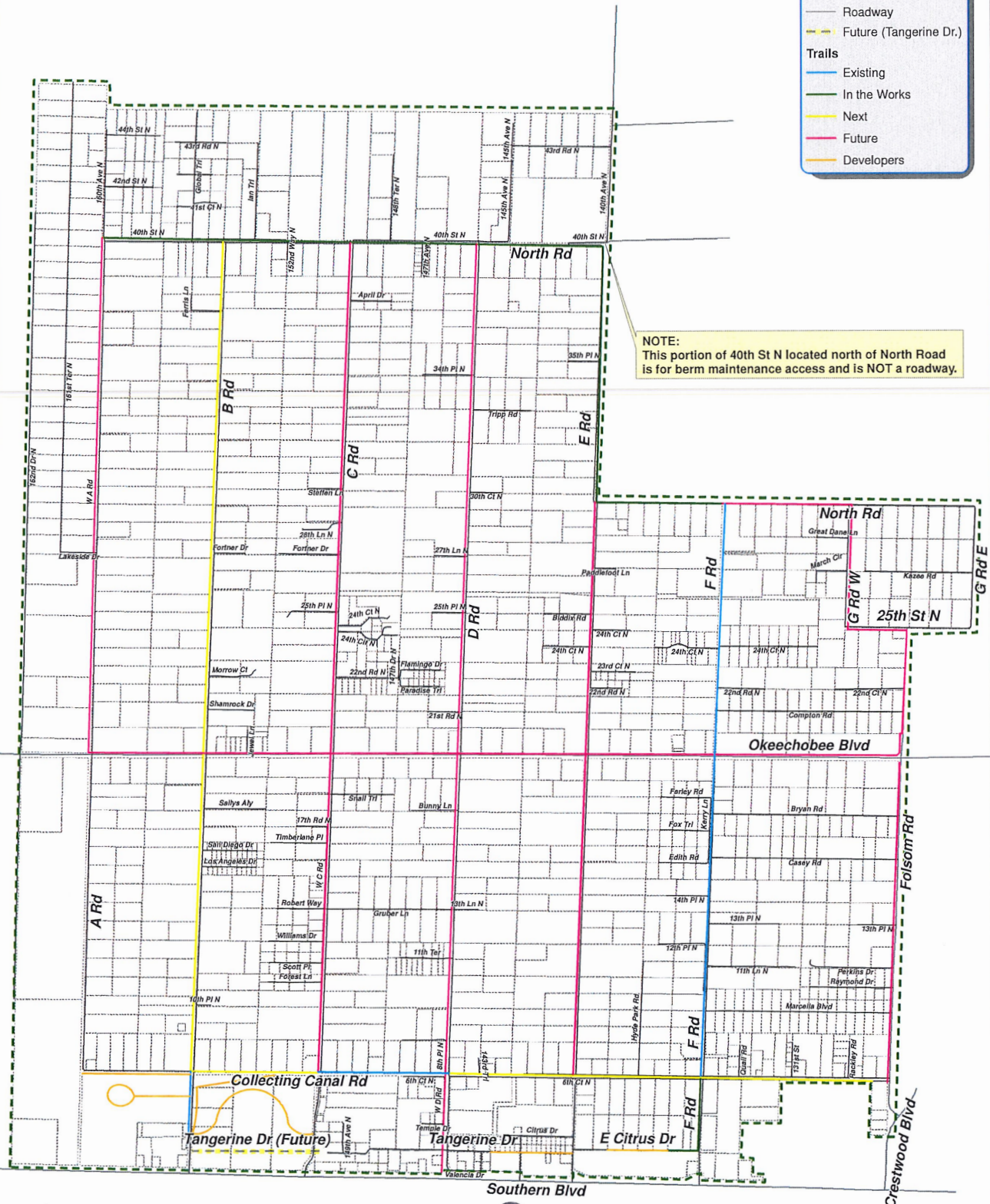


0 2,000 Feet

Legend

- Parcel Boundary
- Roadway
- Future (Tangerine Dr.)
- Trails
 - Existing
 - In the Works
 - Next
 - Future
 - Developers

NOTE:
This portion of 40th St N located north of North Road is for berm maintenance access and is NOT a roadway.



3

Table 9-1 - Summary of FY 2021 – 2025 Capital Improvements Projects

A. Necessary to Maintain LOS Standards: Loxahatchee Groves

Comprehensive Plan Element	Project No. and Description	Comprehensive Plan Consistency (Objective/Policy Citation)

Key: TRAN – Transportation; DR – Drainage; LGWCD – Loxahatchee Groves Water Control District.

(1) – Existing Deficiency ; (2) – Replacement Project; 3) – To Meet Future Need

B. FY 2021 to 2025 Improvements Necessary to Maintain LOS Standards: Outside Agencies

Agency	Project No. and Description	Comprehensive Plan Consistency (Objective/Policy Citation)

* - Project included in the FY 2021 – 2025 Transportation Improvement Program (TIP) of the MPO.

Key: DR – Drainage; PSF – Public School Facility; FDOT – Florida Department of Transportation

(1) – Existing Deficiency; (2) – Replacement Project; (3) – To Meet Future Need

C. FY 2021 to 2025 Non-LOS Comprehensive Plan-Directed Improvements: Loxahatchee Groves

Comprehensive Plan Element	Project No. and Description	Comprehensive Plan Consistency (Objective/Policy Citation)

Key: ROS – Recreation and Open Space

(1) – Existing Deficiency; (2) – Replacement Project; (3) – To Meet Future Need

D. FY 2021 to 2025 Other Infrastructure Improvements: Outside Agencies/Private Parties

Project No. and Description	Public Agency/Private Party	Comprehensive Plan Consistency (Objective/Policy Citation)

Key: TRAN – Transportation.

(1) – Existing Deficiency ;(2) – Replacement Project; (3) – To Meet Future Need

Table 9-2 – FY 2021 – 2025

Schedule and Cost of Capital Improvements Projects

A. Necessary to Maintain LOS Standards

Project Number*	Fiscal Year Cost (\$ 000's)					Total Cost (Dollars)
	2020/21	2021/22	2022/23	2023/24	2024/25	
Totals						

**Cost includes entire project length (Lion Country Safari to west of Crestwood Blvd).

* - Refer to Table 9-1A , 9-1B and 9-1D.

B. Non-LOS Comprehensive Plan-Directed Improvements

Project Number*	Fiscal Year Cost (\$ 000's)					Total Cost (Dollars)
	2020/21	2021/22	2022/23	2023/24	2024/25	
Totals						
PBC School Dist.	5-Year Capital Budget (FY 2021 – 2025)Incorporated By Reference					

* - Refer to Table 9-1C.

Table 9-3 – Revenue Sources for Town Directed Capital Improvements Projects

Project Number*	Revenue Source	Fiscal Year Budget (\$000)					Total Cost (Dollars)
		2020/21	2021/22	2022/23	2023/24	2024/25	
Town Totals							

* - Refer to Tables9-1A, 9-1C and 9-1D.

Revenue Sources: GF-General Fund; GT-Gas Tax; G-Grant; P –Private Source

Town of Loxahatchee Groves Capital Improvement Plan (2020-2029)

[illegible]

NOTES FROM VISIONING SESSION

The workshop was held on September 28, 2019, with as many as 200 residents in attendance at various times throughout the day. In an effort to identify specific ideas from the residents (including Council members) who participated, the results of the recent strengths-weaknesses-opportunities-threats (SWOT) survey were shared and residents worked in small groups to identify priority roads, types of commercial development appropriate for the town, and “big ideas” that could be transformational to the Town. The Council then had a discussion of their priorities. The notes below summarize the results of those discussions.

Participants sat at tables with between four to eight people and engaged in directed conversations around key issues identified in the SWOT survey, including roads and commercial development. Each group discussed three questions and reported out to the entire audience, sharing specific ideas and concerns that each group had identified.

Road Grid

The first discussion centered around a map that had been developed by the Roadways, Equestrian, Trails & Greenway Advisory Committee that identified the priority roads throughout the Town. The map was created to serve as a basis for a comprehensive maintenance plan for the Town.

The term “priority road” was meant to indicate those roads that served as points of access for Town residents and comprise the grid that should be included in an ongoing maintenance plan to ensure that they are in good condition.

The small discussion groups reviewed the proposed grid map, discussed what had been included or excluded, and made summaries of individual comments. A group spokesperson then reported out to all workshop participants about the outcomes of their small group discussion.

There was a general consensus that the proposed map was appropriate and complete, with most of the comments aimed at suggesting that the roadway plan anticipate that different roads may need to be maintained at different levels, that some roads may need to be paved that are currently unpaved, and that the language used to describe these roads should be carefully considered, given the technical definitions of words like “collector road.”

Big Ideas

Given the strong themes running through the SWOT survey echoing earlier planning efforts in 2008 and 1998 emphasizing the rural nature of the community, we asked participants “What else could we do to foster or protect the Town’s identity, or brand?”

NOTES FROM VISIONING SESSION

A number of ideas were offered, mostly centered around a couple of themes:

- Emphasizing the rural quality of the town
- Promoting agritourism and farm-to-table services
- Adding equestrian amenities
- Strengthening the code

Council Priorities

Some of the key takeaways for council members included the ideas that future development should be directed towards projects that reflected the rural nature of the community, that there was an appetite for locally-oriented services (particularly around agriculture), and that now was the time to start resolving some of these long-standing issues. However, infrastructure-- Roads, Canals, & Drainage-- rose to the top as the number one priority

1. Create a grid to define priority roads
2. Establish a long-range financial forecast to determine available funding
3. Develop and deploy a maintenance program based on funding

Detailed Discussion Item Flipcharts & Sticky Notes

The bullet items below reflect the content of the sticky notes, rather than what was reported out in the session. (Some have been edited for clarity.)

What kind of commercial development would fit the community?

- Coffee hangout lunch breakfast
- Coffee shop/bookstore
- Fitness center
- Okeechobee at F Road or B Road roundabouts
- Keep Okeechobee Blvd 30 MPH
- Roundabouts on Okeechobee exits
- More restaurant options
- Self-storage on Southern
- Pool/go-kart track/arcade for kids
- Auto repair shop
- Town center, coffee shop, equestrian shops, farm-fresh produce
- Hospital, low-impact income feed store, equestrian area, office space
- Boutique hotel on Southern
- Gun range

NOTES FROM VISIONING SESSION

- Farm-to-table restaurants
- Farmer Market
- Town Center movies, concerts, art shows
- Area park/public events
- Farm/neighborhood fresh produce
- Public storage
- Hotel/RV park (non residential)
- Botanical Gardens
- Small gun store with indoor shooting range
- Country-style restaurant
- Town Center/farmers market
- Re-annexation or released property
- Church/school/community public access with impact fee
- Agricultural businesses
- Town Historical Preservation and awareness
- Sources that fit rural footprint
- Antique store on Okeechobee
- Resort with clothes
- Ice cream on Okeechobee
- Mom 'n Pop stores on Okeechobee
- Bakery (Okeechobee)
- Car wash/truck wash
- Multi-purpose arena (venue)
- Adult gym/fitness (Okeechobee/SR 80)
- Youth recreation center (Okeechobee/SR 80)
- Seasonal RV/campground on Southern
- Butcher shop (Okeechobee/SR 80)
- Outdoor storage for large vehicles/boats
- Eco-tourism (Okeechobee)
- Saddle shop (Okeechobee/SR 80)
- Hair, nails, vet, pet grooming (Okeechobee/SR 80)
- Senior living facility
- Non-Franchise eatery—senior living care zero lots
- B&B Rural theme
- Bootery leather works (Equestrian)
- Office space/YMCA
- Art gallery/Loxahatchee Hall of Fame History (Okeechobee/SR 80)

NOTES FROM VISIONING SESSION

- Dinner movie theater diner
- Mom 'n Pop stores specialty bus stops
- Lite Mom 'n Pop stores on Okeechobee Blvd.
- 161 Terrace North Level 1 Designation/45 Properties pay for a road
- Annex Hospital medical center/build it up when it is new
- Botanical Garden (Mounts) and Education center specialty growers (theme), showcase local business event pavilion
- Medium on Southern Blvd.
- Real restaurant, farm-to-table, microbrewery, on Okeechobee Blvd.
- Facility
- Equestrian things
- Community swimming pool
- Annex Hospital/Southern/Folsom/Crestwood corridor
- Driving range building

What kind of commercial development would not fit the community?

- No gas stations
- No big box anything
- Fix non-compliant businesses
- Strip mall/assisted living
- Vehicle car dealerships
- Split y/n restaurant
- Adult entertainment
- Large industrial complexes
- Low income housing
- Chemical disposal
- Moratorium on non-profits
- No auto dealers—repair shop /no hotels/no motels
- Agricultural that is commercial
- Medical
- Fast food
- Chains
- Nonprofit
- No more strip centers
- No high-traffic impact
- No 18- wheeler accommodation
- No repository or transfer

NOTES FROM VISIONING SESSION

- Storage units
- No crematories (animal or human)
- No new expansion units or large lots
- Industrial heavy machine related-Southern (Okeechobee)
- Bars and strip clubs
- No additional commercial on Okeechobee period
- No manure exchange center
- No car dealerships, X-rated stores, trailer parks, bars
- Chemical camp transfer station and disposal
- Industrial and commercial high impact
- Cash a check store

What else could we do to foster or protect the Town's identity, or brand? (Big Ideas)

- Protect tree canopy
- Create land pressures
- Put recommended signs for speed on dirt roads (know how to drive on them)
- Equestrian facilities/trails/paved roads
- City Water/no power = no water
- New arrival packet
- Road representation program
- Town scavenger hunt
- Stop clear cutting
- Connect multi-purpose trails
- Get walking/ riding trails in place
- Agricultural/residential (Community have Loxahatchee days on town Anniversary)
- Code enforcement proactive
- Eliminate illegal businesses
- Mission statement, advertise, ad here
- Stick to neighborhood plan
- Brand agricultural and equestrian
- Brand rural living
- Brand/require rural design standards/require impact fee
- Create overlays
- Agri-tourism
- Close forever the Sunshine Gardens connector lane to the acreage (if the town has the legal right to do so)
- Nature learning event

NOTES FROM VISIONING SESSION

- Loxahatchee Groves where rural happens
- Collecting canal should be one-way either side
- Put the canals back to correct depth/width and placement
- Push for the “new commercial” to be a planned protect in the manner of an olde time main street, connected to bike/walk/horse trails/“greenways”
- Sidewalks, cafés, coffee steps barber stops-salon, ice cream parlor, truck stop (i.e. 1950)
- Protect/stop cut-through traffic
- Make horse trails on the West side of canals
- Protect/FAR architectural design. Sign = rural fee
- Protect agricultural residential
- First image is important/trash pieces along road/over-grow vegetation/workers on roadways
- Protect/love it and leave it alone
- Loxahatchee Groves, Palm Beach Country’s last frontier
- Living the country and loving it
- Get neighborhood plan PDF available to all
- Convert Loxahatchee Groves park to equestrian uses (public)
- No dividing parcels
- Don’t understand the need for brand
- Better code enforcement of existing laws
- Promote agri-equestrian community/trails connecting
- Citizen recognition program
- Agricultural/residential community
- Agricultural parade on July 4th
- Get rid of town Facebook group, separate our town
- Get a new Facebook page that celebrates our town/animal events
- Animals/birds/equestrian one of the last communities
- Agricultural/residential, Keep 5 acres buildable, no sub-division
- Please change the 30 mph speed on Okeechobee to 40 mph
- Agri-tourism, promote more B12
- Town horse rides, picnics/clinics/parades
- Diversified/agricultural/nurseries/equestrian
- Make nurseries and crops grown here than anywhere

After the resident workshop concluded, Council met to discuss strategic priorities. The first question asked was, “What did you hear today?” (During the resident portion.) We then had a discussion about what the priorities should be and what tools would help them execute strategy.

NOTES FROM VISIONING SESSION

Council Observations and Priorities

- "Neighborhood/ Community"
- Roads/canals/trails
- Funding (Priorities 1st)
- Annexation (Hospital to Crestwood), 38 properties West (comm'l + 5 acres only)
- Equestrian trailer parking
- Community center (5 to 10 years)
- Reconsider commercial uses and where (what v. where)
- Common ground
- "Act as one" Mindset
- Take control or development/\$ impact
- Local-oriented services (Mom and Pop)
- Take advantage of possible recession
- Reconsider financing options (Larger single issue/FLC)
- Passionate
- Time to resolve long-standing issues
- Communications (website, newsletter, social media, consistent contact)
- Zoning compliance
- Park/connectivity
- Equestrian Facilities/arena
- Keep agriculture strong

Priorities (1-3 years)

- Roads/canals/drainage (life safety)
- Communications to public/branding
- Control of development
- Codes/overlays
- \$ Impact/recover \$
- What/where
- Recreation and equestrian

Tools

- Financial model
- Specific plans for each priority
- Identify resources and best products/methods (i.e., dust control, water truck lease v. purchase)
- Systematic approach
- Next steps—weeks, months, years

OTHER CONSIDERATIONS FOR FUTURE CAPITAL PROJECTS FOR ROADS, TRAILS, CANALS AND BUILDINGS

- Results from Munitytics analyses of how different properties could be taxed. That 100% influences what money we may or may not have for capital projects.
- All thoughts need to incorporate Visioning Session results and input.
- The OGEM debt funds of \$330,000 should be applied to make the loan end in 2021 vs 2022. Of course the bank wants re-amortization to collect a fee. Of course it looks better for Town to have cash on balance sheet so reserves look plump. IT IS A FALSE IMAGE. By FY-2021 we should have cash flow stability and predictability to figure out what we are going to do with OGEM repairs.
- Address over-growth on the east side of lettered roads. Ask residents to trim and maintain to certain parameter. If they choose not to, hire a firm to do so and bill the resident. If no payment, place a lien. OR...raise the per acre assessment to fund a company (not the WCD) to do nothing but trim and dispose.
- DRAINAGE comes first!!!! Culvert box program needs realistic costing for fence, shrub and tree removal/relocation. There also needs to be realistic options besides and providing an entire front easement for something that needs maybe 20-feet.
- Eminent Domain - Got your attention? See item #3 above regarding how to incentivize residents to keep their seals clean and maintained. People perpetually fuss about 'don't you dare take my land,' but are often the same ones who won't maintain it so water can flow the way its intended.
- Next capital project from Council is D Road base/top dress. D also needs to be restored to 2014 survey map dimensions since nothing after that was properly recorded or documented with the county.
- Finish B Road, Finish North E. Then D Road. If we have enough rock and soft-cost money to do all that by Sept 30, 2020, we've done well.
- major culvert repair take a forward slot AND WE MUST LOOK TO OTHER VENDORS. I feel so many maintenance or repair projects aren't even entertained b/c they have scary, Tesla-level price tags. Shame on us for shopping where we can't afford.
- Smaller dead-end residential roads like San Diego, Los Angeles, Raymond should have surface like F Road by Town Hall and be maintained like Compton or Marcella. Grading smaller dirt roads is more of a resource waster than a gain. Surface them and be done.
- Delve into financing resources from FL League of Cities

Additional road materials on existing dirt roads for stability and management
Pilot project for smaller dirt roads (I see a couple of options here)
Remove from town map and make private
Place pilot project materials down to monitor how they hold up to traffic, weather, etc
OGEM roads
Repair
New top material (asphalt???)
Drainage
Shoulder protection barrier....
Multi-use Canal Bank Trails

B Road

Ogem road repairs

Water truck

cheap new tow truck

RETAG Advisory Committee Projects Priority Ranking

A. Renewal and Replacement Project	Priority Rank	Recommended Priority Location from RETAG, Visioning Session and/or Council
Canal repairs and restoration	1	Emphasis on life safety.
OGEM repairs	2	“F” Road, “A” Road North, Any “paying OGEM” = first to fix.
Road base, berm and sodding	3	D Road base/top dress.
Culvert repairs	4	Major culvert repairs should be considered.
Others Added By Finance Committee or Joint Committee		
Other		
Other		
Other		
Other		

B. Capital Project	Priority Rank	Recommended Priority Location from RETAG, Visioning Session and/or Council
Surface water mgt./Flood control	1	Maintenance and repair projects not given the emphasis needed
Equestrian/Multi-Use Trails	2	All letter roads, Okeechobee Blvd., East side of Folsom, 6 th Court,
Okeechobee Blvd. traffic signals	3	Roundabout at Okeechobee and “D” Road.
Catch basin project	4	Culvert box program needs realistic costing for fence, shrub and tree removal/relocation.
Grid Road paving	5	Finish B Road and North E Road, then D Road.
Other: Park		
Other: Athletic Field		
Other: Horse/Equestrian Park with multi-use arena		
Other: Town Community Center		
Others Added By Finance Committee or Joint Committee		
Other		
Other		
Other		

	Road Name	Segment Crossing Road	Segment Length (ft)	Segment Number (Southbound)	Existing Canal (Yes or No)	Catch Basins (Number in Segment)	Data Needed Lower 100' of basins	Service Level		Surface Treatment		Road Bank		Grading Frequency	What we have done so far	What we think need to do	What would you like to see?
								Existing	Future Proposed	Existing	Future Proposed	Last Done	Next Anticipated				
North-South	A Road	Southern Blvd to Collecting Canal Road	6495.66		Yes			1	2	Unpaved							
	B Road	Southern Blvd to Collecting Canal Road	10557.25		Yes			1	1	OGDM							
	C Road	Southern Blvd to Collecting Canal Road	2095.19		Yes			1	1	Asphalt							
	D Road	Southern Blvd to Collecting Canal Road	10412.14		Yes	0		1	1	Unpaved							
	E Road	Southern Blvd to Collecting Canal Road	2040.83		No			4	4	Unpaved							
	F Road	Southern Blvd to Collecting Canal Road	6556.24		Yes			1	1	OGDM							
	G Road	Southern Blvd to Collecting Canal Road	10276.32		Yes			1	1	OGDM							
	H Road	Southern Blvd to Collecting Canal Road	2002.10		Yes			1	1	Unpaved							
	I Road	Southern Blvd to Collecting Canal Road	6577.31		Yes			1	1	Unpaved							
	J Road	Southern Blvd to Collecting Canal Road	3459.50		Yes			1	1	OGDM							
Southern Blvd	A Road	Southern Blvd to Collecting Canal Road	2134.25		Yes			4	4	Unpaved							
	B Road	Southern Blvd to Collecting Canal Road	6576.43		Yes	2		1	1	Unpaved							
	C Road	Southern Blvd to Collecting Canal Road	5185.45		Yes	1		1	1	Unpaved							
	D Road	Southern Blvd to Collecting Canal Road	5330.24		Yes			1	1	Unpaved							
	E Road	Southern Blvd to Collecting Canal Road	2242.94		No			1	1	OGDM							
	F Road	Southern Blvd to Collecting Canal Road	6556.24		Yes			1	1	OGDM							
	G Road	Southern Blvd to Collecting Canal Road	5100.10		Yes			1	1	OGDM							
	H Road	Southern Blvd to Collecting Canal Road	2132.96		Yes			1	1	OGDM							
	I Road	Southern Blvd to Collecting Canal Road	2408.10		Yes			1	1	OGDM							
	J Road	Southern Blvd to Collecting Canal Road	2104.53		Yes			1	1	OGDM							
Olivechobee Blvd	A Road	Southern Blvd to Collecting Canal Road	2152.49		Yes			1	1	OGDM							
	B Road	Southern Blvd to Collecting Canal Road	2636.79		Yes			1	1	OGDM							
	C Road	Southern Blvd to Collecting Canal Road	2144.02		Yes			1	1	OGDM							
	D Road	Southern Blvd to Collecting Canal Road	2144.02		Yes			1	1	OGDM							
	E Road	Southern Blvd to Collecting Canal Road	2144.02		Yes			1	1	OGDM							
	F Road	Southern Blvd to Collecting Canal Road	2144.02		Yes			1	1	OGDM							
	G Road	Southern Blvd to Collecting Canal Road	2144.02		Yes			1	1	OGDM							
	H Road	Southern Blvd to Collecting Canal Road	2144.02		Yes			1	1	OGDM							
	I Road	Southern Blvd to Collecting Canal Road	2144.02		Yes			1	1	OGDM							
	J Road	Southern Blvd to Collecting Canal Road	2144.02		Yes			1	1	OGDM							
East-West	A Road	Southern Blvd to Collecting Canal Road	2242.94		No			1	1	OGDM							
	B Road	Southern Blvd to Collecting Canal Road	6556.24		Yes			1	1	OGDM							
	C Road	Southern Blvd to Collecting Canal Road	5100.10		Yes			1	1	OGDM							
	D Road	Southern Blvd to Collecting Canal Road	2132.96		Yes			1	1	OGDM							
	E Road	Southern Blvd to Collecting Canal Road	2408.10		Yes			1	1	OGDM							
	F Road	Southern Blvd to Collecting Canal Road	2104.53		Yes			1	1	OGDM							
	G Road	Southern Blvd to Collecting Canal Road	2152.49		Yes			1	1	OGDM							
	H Road	Southern Blvd to Collecting Canal Road	2636.79		Yes			1	1	OGDM							
	I Road	Southern Blvd to Collecting Canal Road	2144.02		Yes			1	1	OGDM							
	J Road	Southern Blvd to Collecting Canal Road	2144.02		Yes			1	1	OGDM							
G-Squared	A Road	Southern Blvd to Collecting Canal Road	2242.94		No			1	1	OGDM							
	B Road	Southern Blvd to Collecting Canal Road	6556.24		Yes			1	1	OGDM							
	C Road	Southern Blvd to Collecting Canal Road	5100.10		Yes			1	1	OGDM							
	D Road	Southern Blvd to Collecting Canal Road	2132.96		Yes			1	1	OGDM							
	E Road	Southern Blvd to Collecting Canal Road	2408.10		Yes			1	1	OGDM							
	F Road	Southern Blvd to Collecting Canal Road	2104.53		Yes			1	1	OGDM							
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	I Road	Southern Blvd to Collecting Canal Road	2144.02		Yes			1	1	OGDM							
	J Road	Southern Blvd to Collecting Canal Road	2144.02		Yes			1	1	OGDM							
Other Public Roads	A Road	Southern Blvd to Collecting Canal Road	2242.94		No			1	1	OGDM							
	B Road	Southern Blvd to Collecting Canal Road	6556.24		Yes			1	1	OGDM							
	C Road	Southern Blvd to Collecting Canal Road	5100.10		Yes			1	1	OGDM							
	D Road	Southern Blvd to Collecting Canal Road	2132.96		Yes			1	1	OGDM							
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	I Road	Southern Blvd to Collecting Canal Road	2144.02		Yes			1	1	OGDM							
	J Road	Southern Blvd to Collecting Canal Road	2144.02		Yes			1	1	OGDM							



Blank

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Town of Loxahatchee Groves
Public Works
245 West D Road, Loxahatchee Groves, FL. 33470
lpeters@loxahatcheegrovesfl.gov

Town Elements 2020 Conditions Statement – January 16, 2020

Road Grading Schedule

Major Lettered Roads, Collecting Canal Road, South North Road, Folsom Road, East “G” Square, and East 25th, are now being graded every Monday, Wednesday, and Friday, as needed, weather permitting.

The schedule for remaining 27.5 miles of dirt roadways is being maintained, as weather permits.

Road Repairs and the addition of Base Rock

Since leasing the grader in late February of 2019, our road crew placed 42,000 tons of base rock, through the physical year 2018/2019, and will have placed an additional 20,500 tons of base rock since October 1, 2019, on multiple Town Roads, including the completion of the placement of Base Rock, on N B Road, and are currently rebuilding South D Road. **(See Exhibit A)**

There are five (5) sections remaining for the completion of the addition of base rock on the major grid. **(see Exhibit B)**

A Road from Collecting Canal to Okeechobee Road (1.25 Miles) at a cost of \$75,000.00.

E Road from Collecting Canal to Okeechobee Road (1.25 Miles) at a cost of \$81,050.00.

E Road from Okeechobee Road to South North Road (1.00 Miles) at a cost of \$65,450.00.

Collecting Canal Road from D Road to Folsom (1.67 Miles) at a cost of \$95,380.00.

Folsom Road, East 25th Street, and East G Road (1.0 Miles) at a cost of \$65,450.00.

The Road Crew also addresses, berm replacement, washouts, and potholes, as the need arises.

OGEM Roadways:

Due to the narrowness of the OGEM roadways, and inadequate roadway drainage, most all OGEM roadways throughout the Town, are in disrepair. The roadways are too narrow for two way traffic, therefore, in order to allow traffic to pass, the Northbound, (on Lettered Roads), or Eastbound (on North Road), or Westbound (on Collecting Canal Road), traffic must drive off the roadway in order to allow Southbound (on Lettered Roads), or Westbound (on North Road), or Eastbound (on Collecting Canal Road), traffic to pass. In most cases the edge of the roadway, has deteriorated, due to large trucks, at high rates of speed, driving on and off the roadway, in standing water. A solution to this circumstance is to obtain ‘Roadway and Drainage Easements’, for the length of the roadway. As easements are obtained, drainage structures are being installed.

Public Works 2020 Condition Statement (Continued).

When easements have been acquired, the drainage is in place, and funding is available, all OGEM roadways could be widened to a minimum of 20' wide, two ten foot lanes, where utility poles do not interfere, with a 2' stabilized berm on the East, South and North, side of each roadway. An estimate of adding 3' to 5' of roadway, on the low side of the OGEM roadway, would cost approximately \$90.00 per SY. There are periodic long sections of OGEM roadways, such as on 'North A' road, and North 'C' road, that needs to be scarified and compacted with a roller prior to resurfacing. North 'B' Road, where easements are obtained, drainage structures installed, could be paved with 20' width of asphalt, proper pavement markings, and signage added, in accordance with FDOT Standards.

Canal Banks:

Due to years of canal erosion, limited canal maintenance, rapid discharge of water, causing undermining of the banks, and the destruction of canal bank foliage, a great portion of the Towns 30 miles of canal banks, need repair. In some areas the banks have receded to the point that the roadway berm is washing into the canal, thus causing safety issues. A solution would be to install Rip-Rap at the base of the canal, in the areas of distress, install a fabric, from the base of the canal, up an over the roadway or canal berm, and replenish, and compact, the bank with a top soil with proper consistency and grass. There are at least 20 miles of canal banks, that need repair.

Culverts:

There are multiple culverts throughout the Town that have rusted out and need to be replaced. Some of these culverts, under the roadway, present a safety hazard, and if the deterioration continues will require road closing for emergency replacement. A Culvert Crossing replacement at 'C' and 'E' on Collecting Canal, have been estimated to cost \$350,000.00 each.

Drainage Projects:

In concert with the Town Grid roadway improvements, Town Council has approved multiple new drainage structures along 'B' and 'D' Road. In addition to the above approved drainage culverts we have identified the following locations needing a culvert replacement.

(see Exhibit C)

1. **2208 'D' Road, Safety issue**, approved by council 12/3/19.
2. **1550 'C' Road, Safety issue**, collapsing culvert in C Road.
3. **Intersection of Folsom and 25th Street**, Intersection widening needed.
4. **Intersection of East G and Kazee Road**, Culvert and berm replacement needed.
5. **Intersection of 35th Place N and E Road**, Culvert and berm replacement needed.
6. **Intersection of West C Road and Timberlane Place**, culvert replacement.

Public Works 2020 Condition Statement (Continued).

Roadway Signage and Guardrails:

There are many roadways within the Town that are not marked, and multiple Stop signs and traffic control signs that have not been installed in accordance with roadway standards. In addition, roadway foliage obstructs the line of sight of some of the traffic control signs. Guardrails need to be added, and/or repaired, and reflective markings on the guardrails.

Pump House:

The bearings in the 50,000 GPM intake pump were going bad, and therefore, needed to be replaced. Due to the need for daily back pumping into the Town's canal system, from the SFWMD C-51 canal, this repair was done during the wet season. The repair required the removal of the roof of the pump house, and a crane to remove the pump. The 150 HP Electric Motor for running the pump was also replaced, and a "Soft Start" System installed. The electrical for the 150 HP intake pump motor upgraded to a soft start system, with water level conductivity controls, and a timer for limiting the operation to non-peak FPL hours. The total cost for removal, repair of the pump, replacement of the repaired pump, the new Motor, and the motor Starting system was: \$42,000.00.

All lighting in the pump house was replaced, and the exterior of the building painted.

Water Usage Permit:

There is a 118 Acre, Plant Farm, at the Western boundary of our Town that previously had a SFWMD withdraw Permit to withdraw irrigation water from the Town's Canal System. The previous SFWMD permit allowed the farm to withdraw 83 MG per year, or 16.4 MG per month.

Due to litigation between the Farm and the Town, the Town was circumvented in the SFWMD's renewal of the Farm's permit, and issued the permit without our input. Our concern is that we, the Town, have no knowledge of how much water is being withdrawn, from our canal system, and how much is being recirculated directly to the C-51 Canal, without regulated discharge.

This a matter that we could request FEMA to inspect, for Stormwater Retention, and Controlled Discharge.

We, the Town, have a SFWMD Permit to withdraw from the C-51 Canal, in order to replenish our Canal System. We accomplish this with a 150 HP, 3 Phase Electric Motor driven, 50,000 GPM Pumping System. This pumping system is very expensive to run, and as stated above, we just paid \$42,000.00 for refurbishing the system.

Our concern is that the "Farm" is withdrawing valuable water from the Town's Canal System, needed to replenish our system, and returning polluted, unregulated, discharge directly to the same C-51 Canal, that we are circulating back to the "Farm".

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Public Works 2020 Condition Statement (Continued).

Canal Water Control Gates:

Gate A – The gate transducer needs to be replaced. We have a bid from Data Flow, our current subcontractor for the Telemetry System, to replace the transducer for \$ 3,154.00. Gate ‘A’ is currently “Off-Line”, due to a control module failure, however, the gate functions manually.

Gate D – East - Needs to be refurbished, cleaned, and painted.

Gate D - West – The rubber gaskets on each end of the gate is damaged, thus allowing the canal system water to return to the SFWMD C-51 canal. The gaskets need to be replaced or repaired. The Lake Worth Drainage District loaned the Town Temporary Stop Logs, or Gates, to install into the dam, in order to repair and refurbish the gates.

Folsom Gate - Needs to be refurbished, cleaned and painted.

Public Works Equipment Facility and Shop:

The entire building needs to be repaired or replaced. We are in the process of obtaining bids for replacing the existing wood structure with a Metal Building at an estimated cost;+/- \$100,000.00

Public Works Office:

The central air conditioning unit was replaced in 2018.
The pathway from the equipment building and shop, to the office building, was covered with #57 Rock, in order to not track mud into the Office Building.

Fuel Tanks:

Containment vessels have been installed for the fuel tanks, and barrels of oil, in case of a spillage.

Emergency Generator:

The 140 KW emergency generator control panel wiring has been circumvented and requires manual manipulation to start. We start and test the generator periodically until the damaged control panel has been ordered and installed.

Town Hall needs an emergency generator or a contract for a vender to supply an emergency generator in the case of a storm event.

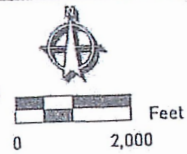
General Notes:

In order to effectively maintain the Town’s dirt roads, during the dry season, Public Works needs: A 4,000 Gallon Water Truck: Purchase or Lease, vs continued Rental.

**Also: In order to maintain the mowing of the canal banks, Public Works needs:
A Small Bank Mower: Estimated cost of: \$123,807.00**



Town of Loxahatchee Groves Proposed Roadway Classification Map October 2019



RETAG Advisory Committee
Road Classification Map (11/25/2019)

Legend

- Parcel Boundary
- Roadway Levels of Service
 - Outside of Town limits
 - Level 1 - Access to Both Okeechobee AND Southern Boulevards
 - Level 2 - Access to Either Okeechobee OR Southern Boulevard
 - Level 3 - Connector Public Access
 - Level 4 - Public Access
 - Level 5 - Private Access
- Palm Beach County Roadway
- Florida Dept. of Transportation Roadway
- Future (Tangerine Dr.)

NOTE:
This portion of 40th St N located north of North Road is for berm maintenance access and is NOT a roadway.

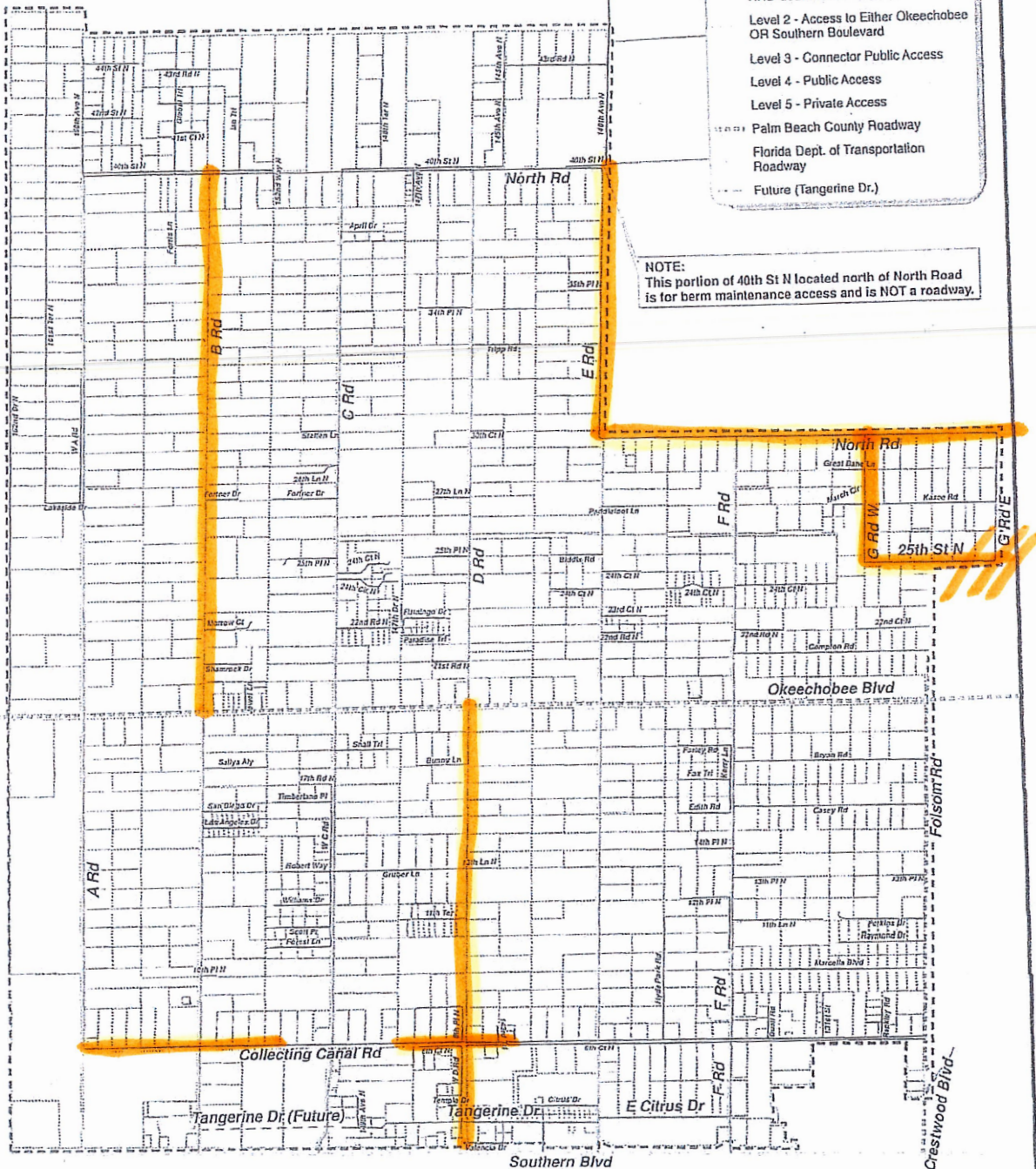
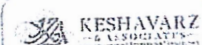


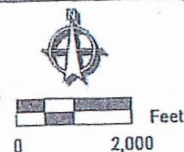
Exhibit A

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Town of Loxahatchee Groves Proposed Roadway Classification Map October 2019



RETAG Advisory Committee
Road Classification Map (11/25/2019)

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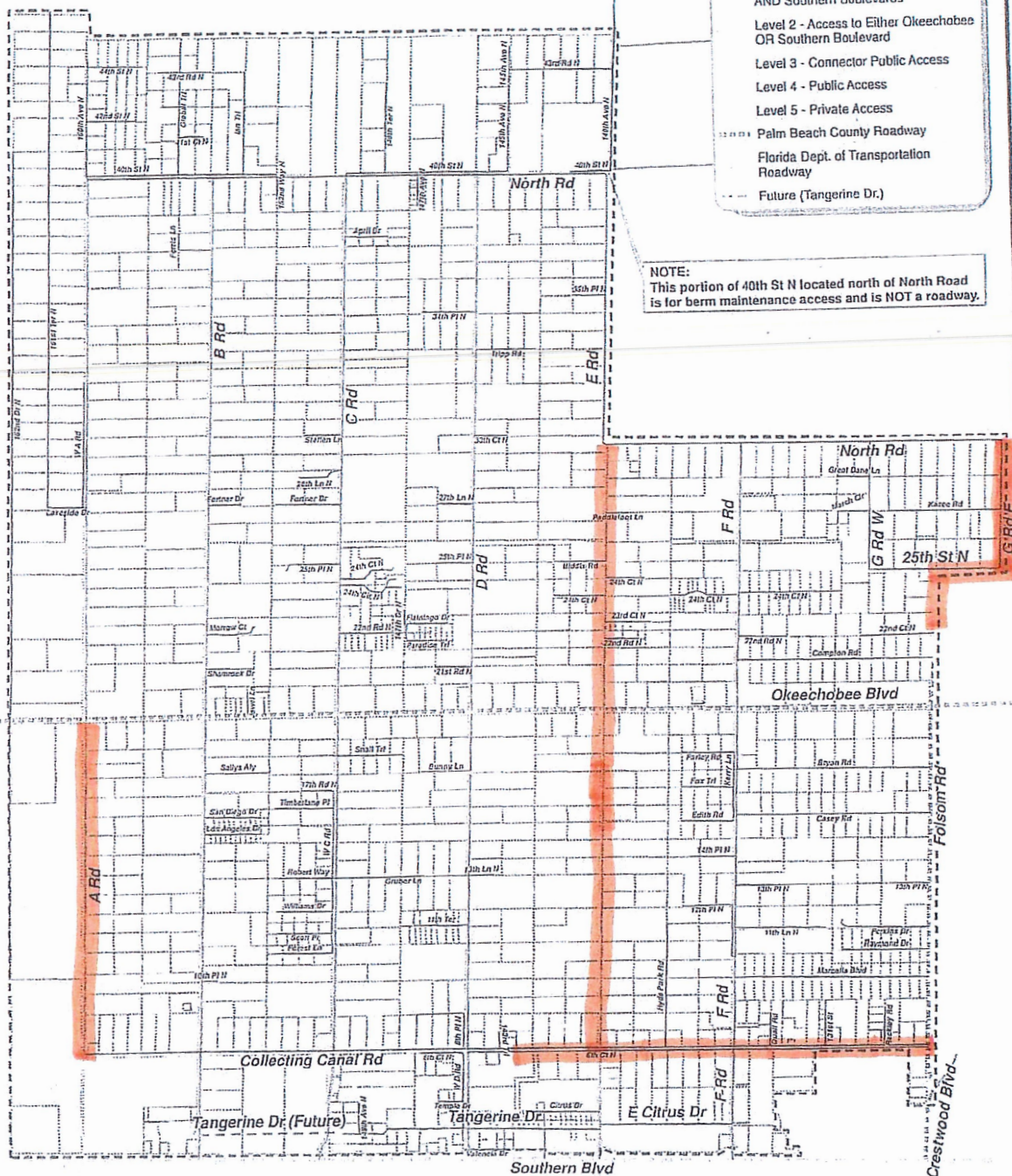


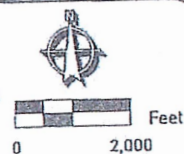
Exhibit B

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Town of Loxahatchee Groves Proposed Roadway Classification Map October 2019



RETAG Advisory Committee
Road Classification Map (11/25/2019)

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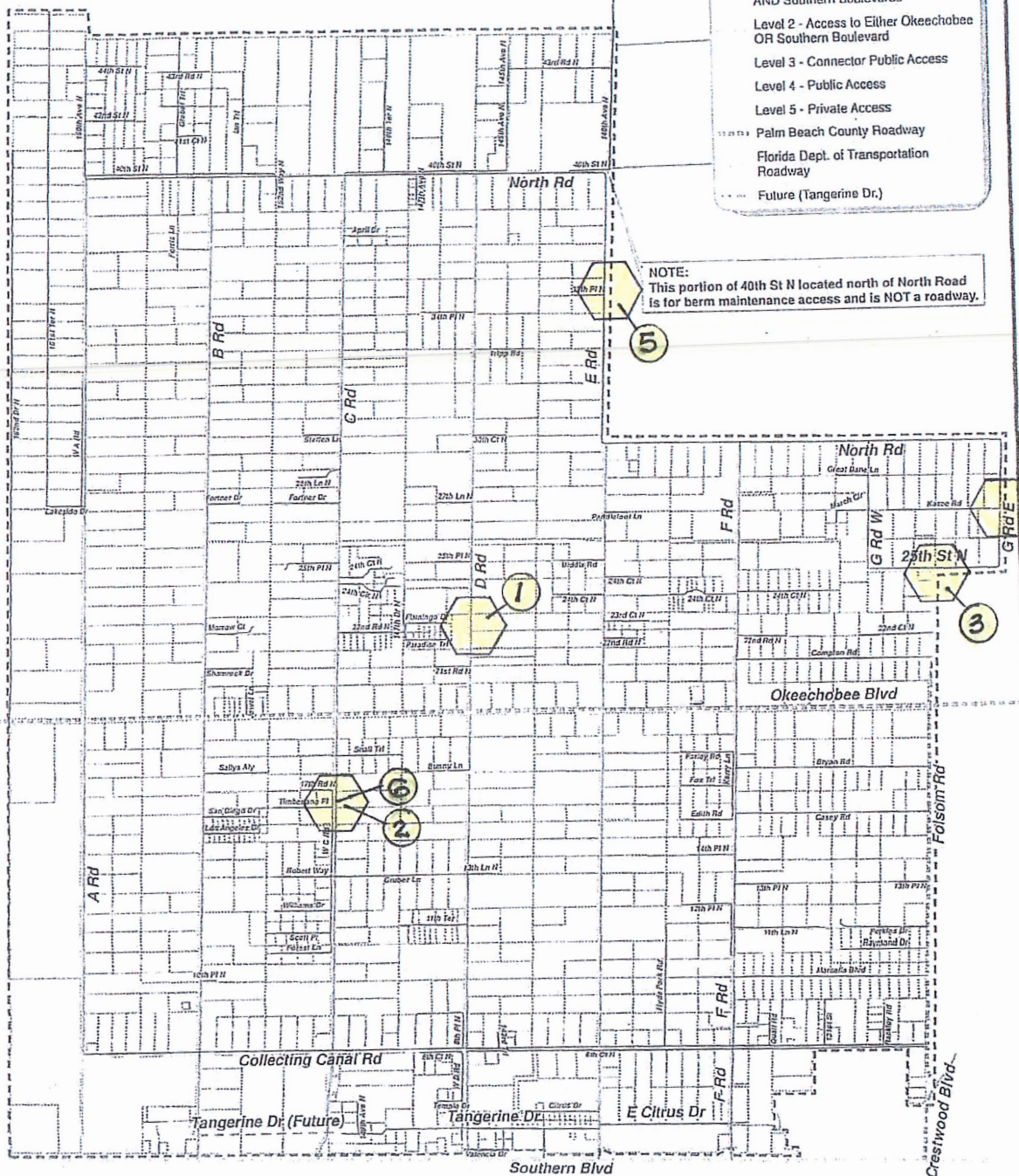


Exhibit C

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October 29, 2019

**Legislative Priorities Town of Loxahatchee Groves
(LEGISLATIVE APPROPRIATION PROJECTS REQUESTS 2020-21)**

1) Canal System Rehabilitation Project (Canal dredging, muck disposal, surveying, testing services)

Project would allow dredging, disposal of collected material improving function/aesthetics & re-establishing design cross sections, promoting native aquatic vegetation, reducing probability of storm debris blocking waterways, providing increased storage, preventing flooding, and providing bank restoration.

Total costs	\$ 1,100,000.00
Requested Matching Funds (50% share)	<u>550,000.00</u>

2) North B Road Improvements

Improvements for substrate, water line/fire hydrants, drainage, pavement, and erosion control to substantially improve a road that was falling into the canal last year. Town has installed \$150K in drainage improvements and additional rock substrate showing commitment to provide a shovel ready project to improve public safety access and response time.

Total costs w/ Contingency	\$ 3,493,340.00*
Requested Matching Funds (50% share)	<u>1,746,670.00*</u>

3) Southern D Road Improvements (Southern Blvd. to Collecting Canal Rd)

Project is a major connector road to SR 80 and the Town; with the widening of SR 80 and the addition of a traffic light and turn lanes at this intersection, fast approaching NB traffic from SR 80 will be confronted with a sub-standard dirt road that is impassable during rain events. This shovel ready project includes guardrails, substrate, water line/fire hydrants, drainage, pavement, and erosion control for the public, public safety access & improved response time, along with the Division of Forestry's location, access and response time on this section of D Road.

Total costs w/ Contingency	\$ 1,486,177.50*
Requested Matching Funds (50% share)	<u>743,088.75*</u>

* Costs may be slightly updated, per engineers input prior to 11/5/19 Council meeting.

***Legislative Priorities Town of Loxahatchee Groves
(LEGISLATIVE APPROPRIATION PROJECTS REQUESTS 2020-21)***

4) North Road Multi-Use Trail Improvements

Multi-use project provides connectivity between Town's Public Greenways and trails to existing Palm Beach Pines Natural Area; provides safe passage to the Town's North side population where no access to pathways exist. This shovel ready project will help preserve and enhance the rural quality of life that is an integral part of the Town's Comprehensive Plan.

Total Construction Costs	\$ 95,000.00
Requested Matching Funds (50% share)	<u>47,500.00</u>

5) Water Resiliency/Storm Water Retention/Aquifer Recharge Area**

Multi-use approach for lands adjacent to Collecting Canal & the commercial Groves Town Center site to create vegetative wetlands, hydraulically connecting to Collecting Canal that will ultimately provide much needed water quality treatment, create additional surface water capacity and improve ground water recharge with the proposed equestrian trail that would be constructed to meander around and through the vegetative wetlands.

Total Construction Costs	\$ 500,000.00
Requested Matching Funds (50% share)	<u>250,000.00</u>

**** Include only if project can be worked out with existing property owner**

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