



School Safety is Our Number One Priority

The Modernization of Technological Infrastructure within Charlotte County Public Schools



Charlotte County Public Schools

- School system of approximately 16,500 students and 2,000 employees that serves:
 - One Pre-K Center School
 - Ten Elementary Schools
 - Four Middle Schools
 - Four High Schools
 - One Center School
 - Two Charter Schools
 - One Virtual School



Charlotte County Public Schools

Sales Tax Funding is needed to modernize the technological infrastructure to allow for the implementation of next generation technologies in the areas of:

- School Security
- Career & Technical Education
- Daily student learning and teaching utilizing cutting edge technologies such as Artificial Intelligence.



Charlotte County Public Schools

Upgrades and retrofitting to school campus MDF and IDF rooms includes but is not limited to:

- New Network Switches,
- Next Generation Video Management Servers capable of AI Integration,
- Replacing UPS Battery Back-ups (universal power supply),
- Enhancing Environmental Controls (air conditioning capability in IDF Rooms),
- Electrical upgrades,
- New fiber connections between buildings in certain schools (1 GB to 10 GB). Bandwidth needs to be able to meet the needs of learning (CTE programs and AI) and security. The data highway doesn't need traffic jams.

Modernization of Key Infrastructure allows for next generation capabilities and upgrades to school security systems



Examples of School Security Systems that will be enhanced due to technological infrastructure upgrades include the following:



Video Surveillance



IP Phone Systems



Public Address (PA) Systems



Access Control



Fire Alarm Systems



Visitor Management System



Burglar Alarm Systems



Intercom Systems



Panic Systems



Lockdown System



The One Button LockDown System- the importance of maintaining & enhancing for student safety!

A comprehensive series of planned, coordinated and executed actions notify, speed help, and communicate with your community, in a calm, orderly, efficient fashion.



Police Notification



Mass Notification



Computer Screen Notification



Check for Ajar Doors



Lock Classroom Doors



Strobe Light



IP Phone Notification



Disable Card Access



PA Announcement



Website Notification



Digital Signage Notification

The Modernization of Key Infrastructure allows for the ability to support the implementation of Career & Technical Education Programs



Investing in a Skilled Workforce for Our Future

- Charlotte County needs highly skilled workers to support local economic growth.
- CTE provides students with industry-recognized certifications leading to high-wage, high-demand careers.
- Middle School, High School, and Postsecondary

The Modernization of Key Infrastructure allows for the ability to support the implementation of Career & Technical Education Programs



Strategic Use of Sales Tax for CTE Expansion

- New construction and modernization of CTE labs.
- Industry-standard equipment to align with current and future workforce needs.
- Enables CCPS to leverage additional grant funding through matching requirement



The Modernization of Key Infrastructure allows for the ability to support the implementation of Career & Technical Education Programs



Building a Talent Pipeline to Power the Local Economy

- CTE creates a skilled local workforce, attracting and retaining businesses.
- Prepares students for long-term employment in critical industries.
- Improves quality of life and boosts economic mobility for residents.



The Modernization of Key Infrastructure allows for the ability to support the implementation of Career & Technical Education Programs



Examples of Career & Technical Education Programs that will be supported by upcoming infrastructure upgrades include:

- Advanced Manufacturing
- Aerospace: Avionic Systems
- Aerospace: Assembly and Fabrication
- Agriculture: Animal Science
- Cyber Security
- Digital Design
- Engineering
- Robotics
- CCPS CTE Guide: <https://www.yourcharlotteschools.net/cte>



Questions or Comments?

Placida Passive Park phase 2



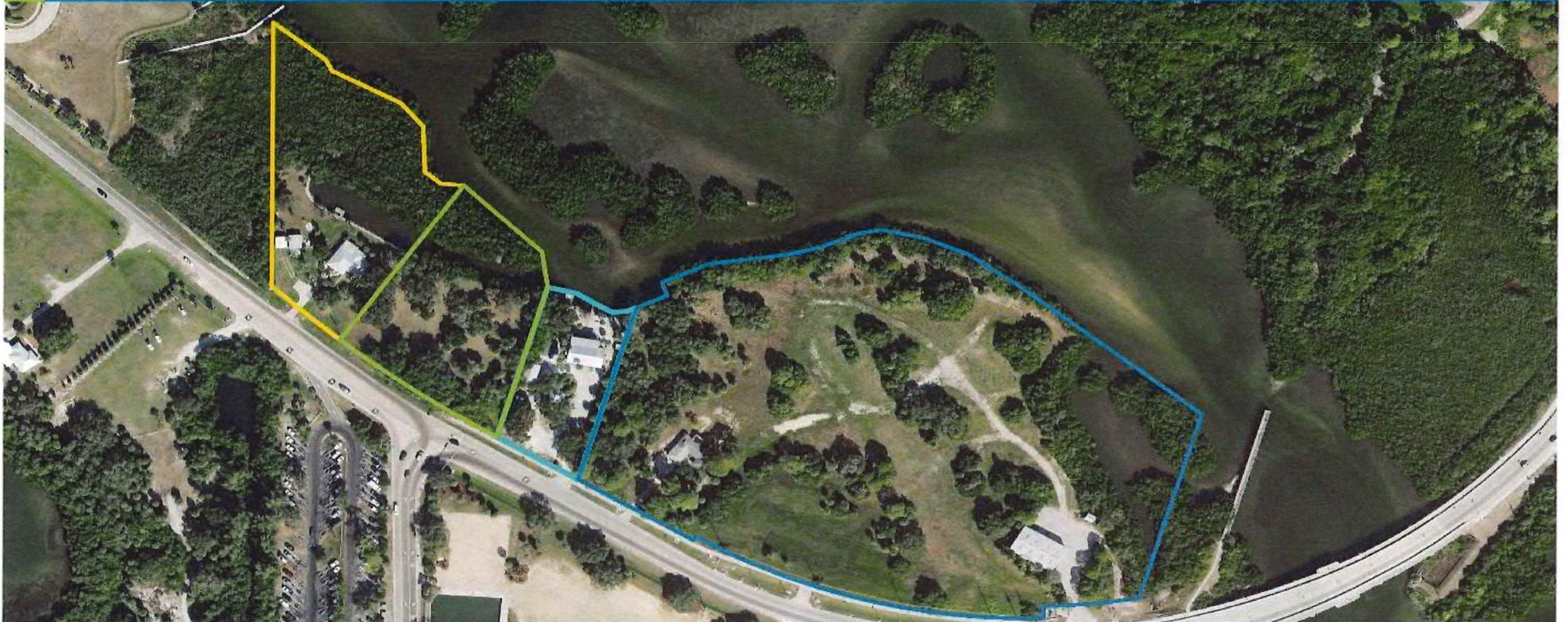
Placida Passive Park phase 2

- Purchase 12.9 acres on Placida Road
- Master Plan development of a passive park to include:
 - kayak launch, playground, medium pavilion and grill, restroom, natural trails, benches and park hardware, and shoreline restoration
- Implementation of Placida passive park - phase 1 master plan for currently owned property
- Processing a zoning and FLUM change
 - Includes additional staff – 1 PT
- Identified in BCC approved Parks & Recreation Master Plan
- Land acquisition
\$10M
- Design
\$1M
- Construction cost
\$3M
- Projected operating costs
\$30k



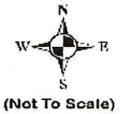
CHARLOTTE COUNTY

Placida Area Properties



Stateplane Projection
Datum: NAD83
Units: Feet
Source: Community Development,
Metadata available upon request

-  12555 Placida Road - 2.46 acres
-  12565 Placida Road - 1.99 acres
-  12575 Placida Road - 1.05 acres
-  14041 Gasparilla Road - 11.86 acres



(Not To Scale)

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Recreation Center Renovation

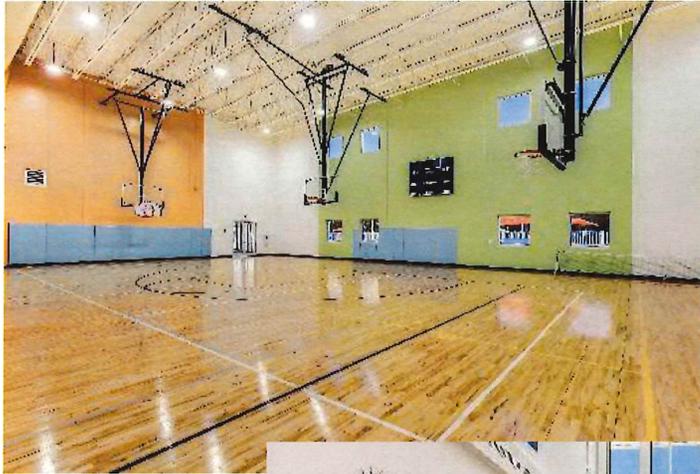


Recreation Center Renovation, South County Regional Park

- New additional gymnasium with storage space
- Control center with workspaces for staff
- Two (2) additional large multi-purpose room with storage space
- New community garden
- Enlarge fitness room
- Additional office space
 - Includes additional staff – 1 FT
 - Includes estimates for FAC operating
- Identified in BCC approved Parks & Recreation Master Plan
- Design
\$1.4k
- Construction
\$9.4M
- Projected operating costs
\$60k

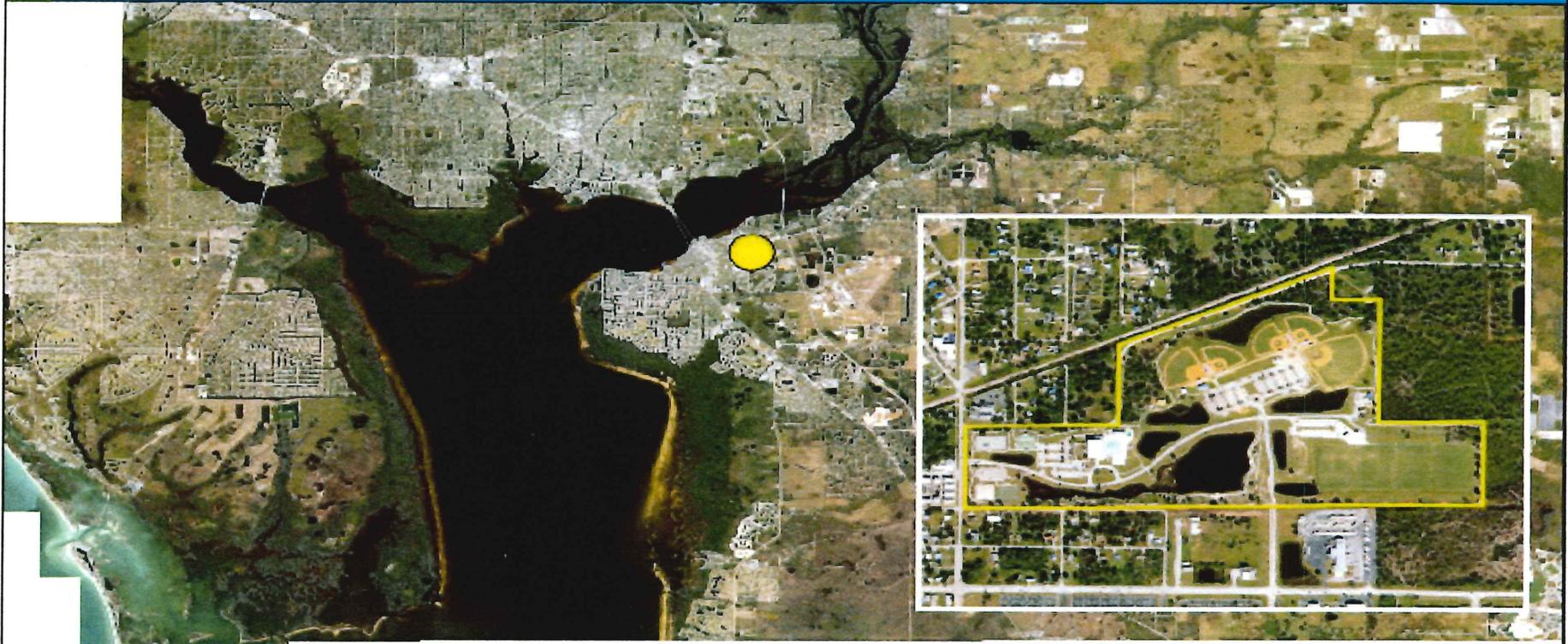


Recreation Center Renovation, South County Regional Park



CHARLOTTE COUNTY

South County Regional Park



Stations Projection
Datum: NAD83
Units: Feet

Source: Community Development

Metadata available upon request

 South County Regional Park



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South Murdock Community Park

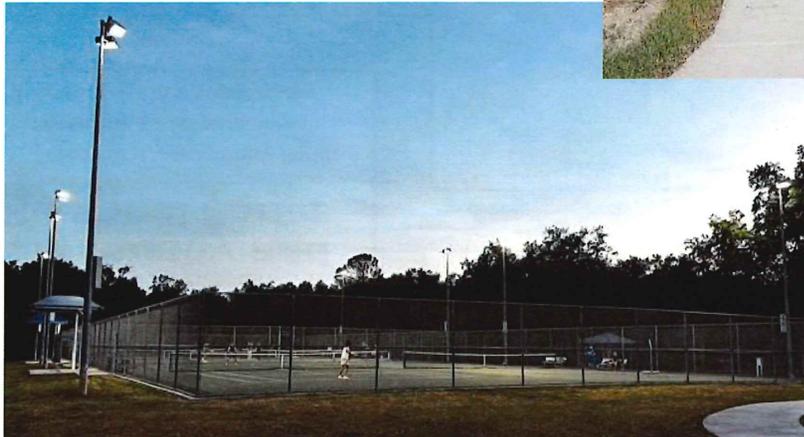


South Murdock Community Park

- Land acquisition to meet park size requirement
- Two (2) playgrounds
- Three (3) lit sports courts
- 10' wide walking path (min 1-mile) hard surface
- Lit multi-purpose field
- One (1) Large pavilion, One (1) medium pavilion, Two (2) small pavilions
- Community building (approx. 1000 sqft) with restroom
- One (1) park restroom
 - Includes additional staff – 1 PT
- Identified in BCC approved Parks & Recreation Master Plan
- Design
 - \$1M
- Land
 - \$5.2M
- Construction
 - \$6.6M
- Projected operating costs
 - \$60k



South Murdock Community Park



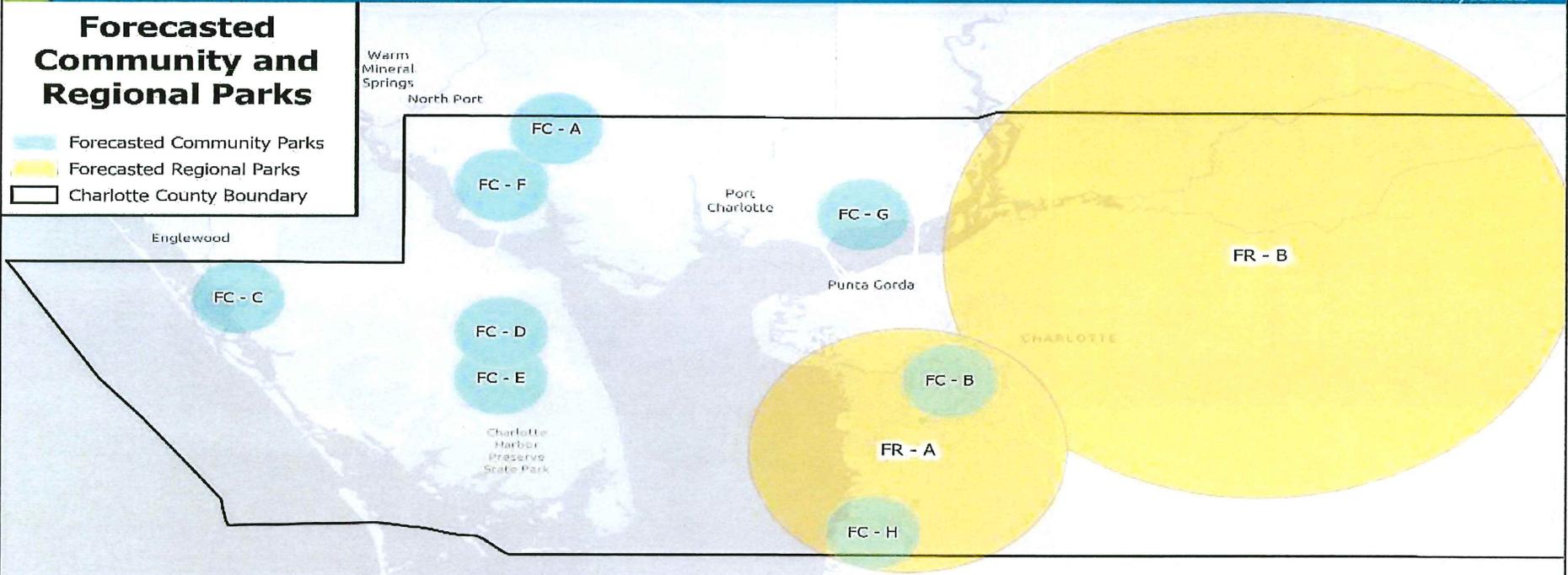
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Figure 6 - Forecasted Community and Regional Parks



Forecasted Community and Regional Parks

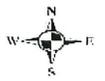
- Forecasted Community Parks
- Forecasted Regional Parks
- Charlotte County Boundary



PARKS & Recreation
MASTER PLAN
 "Get Up, Get Out, Get Active!"



Stateplane Projection
 Datum: NAD83
 Units: Feet
 Source: Community Services
 Metadata available upon request



(Not To Scale)

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