

Marineland Acres Improvements







Introduction & Overview

> SCHEDULE Outfall Pipe - Currently Under Construction - Completion July 2019

Pond - Starts Construction Spring

Collection System (This Project)

- Plans Currently 60% Complete
- Construction Starts Late Fall

> CONSTRUCTION COSTS FUNDING

\$3,522,000 = Outfall Pipe = County

\$1,486,000 = Pond = County

\$6,500,000 = Collection System = \$5,400,000 FDOT Grant

_____ (This Project) + \$1,100,000 County/Assessment District*

\$11,508,000 = Total

*Residents Assessment = \$124,000/yr





Introduction & Overview



Project History& Current Status

- **Proposed Improvements**
- **Construction Impacts**
- **>**Questions?





Project History = Flooding



<u>5-21-09</u>

∢ Rolllins Dr.

Bay Dr. ➤





≺ Atlantic Dr.

Flagler Dr. ➤







Project History = Solution



1996–2011
Previous Studies



₹ 2015 = Permitting Completed

2016 = Assessment
Districts
Established >





2018 = Phase 1

≺ Construction Began

2019 = Stormwater Pond Const.





Project History = Current Status



Phase 2 Trunk Line

&

Phase 3
Sidestreet Laterals

> 2019 -

Final Design Plans

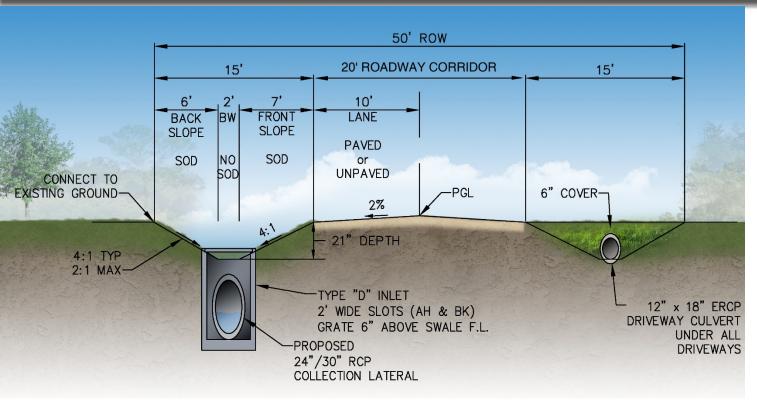
> 2020 -

Construction





Proposed Improvements



- > 20' Roadway
- > 15' Roadside Swales
- Driveway
 Culverts
- > Inlets
- > U/G Pipes

- > Unpaved Roads = Remain Unpaved
- ▶ Paved Roads = Resurfaced = Moody Dr.

Rollins Dr.

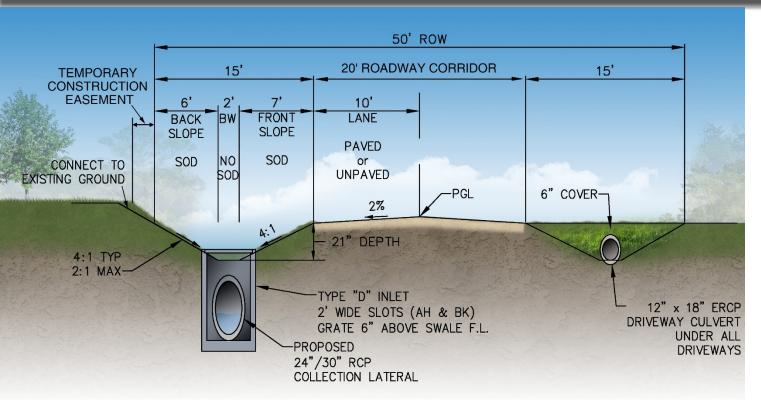
Rollins Dunes Dr.

Central (from Moody to Seascape)





Proposed Improvements



- > 20' Roadway
- > 15' Roadside **Swales**
- Driveway **Culverts**
- > Inlets
- > U/G Pipes

- **Unpaved Roads = Remain Unpaved**
- Paved Roads = Resurfaced = Moody Dr. Rollins Dr. Rollins Dunes Dr. **Central** (from Moody to Seascape)
- **Temporary** Construction **Easements**





Proposed Improvements



Existing

> Undrained



- **Roadside Swales**
- Driveway Culverts
- Ditch Bottom Inlets





Construction Impacts

Noise

- Heavy Equipment
- Dewatering Pumps
- **Dust**
- **≻**Inconvenience
 - Parking
 - Access Routes
- **➢ Right-of-Way Impacts**
 - Landscaping/Hardscaping
 - Brick/Unique Mailboxes









- **≻**Noise
- Heavy Equipment

Limit Working Hours Daylight 5 days/wk

Dewatering Pumps

> Dust



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Dewatering Pumps

Quieter Pumps w/ Noise Enclosures

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Dewatering Pumps

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Quieter Pumps w/ Noise Enclosures

Phased Construction on per Street Basis

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Quieter Pumps w/ Noise Enclosures

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Minimizes Overall Exposed Area

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Advance Notice to Affected Property Owners

Sufficient Time for Relocation

of Private Improvements in ROW







