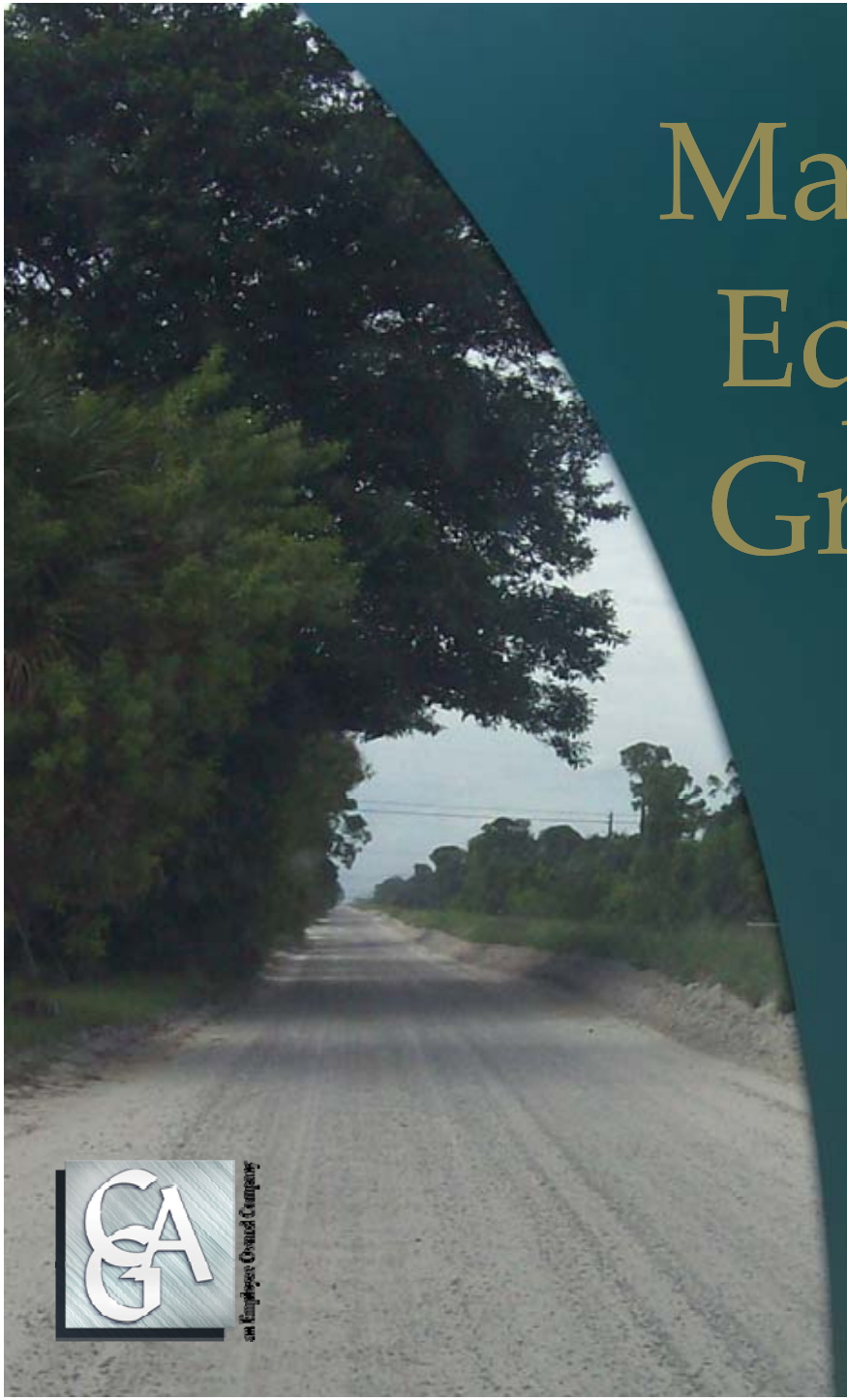
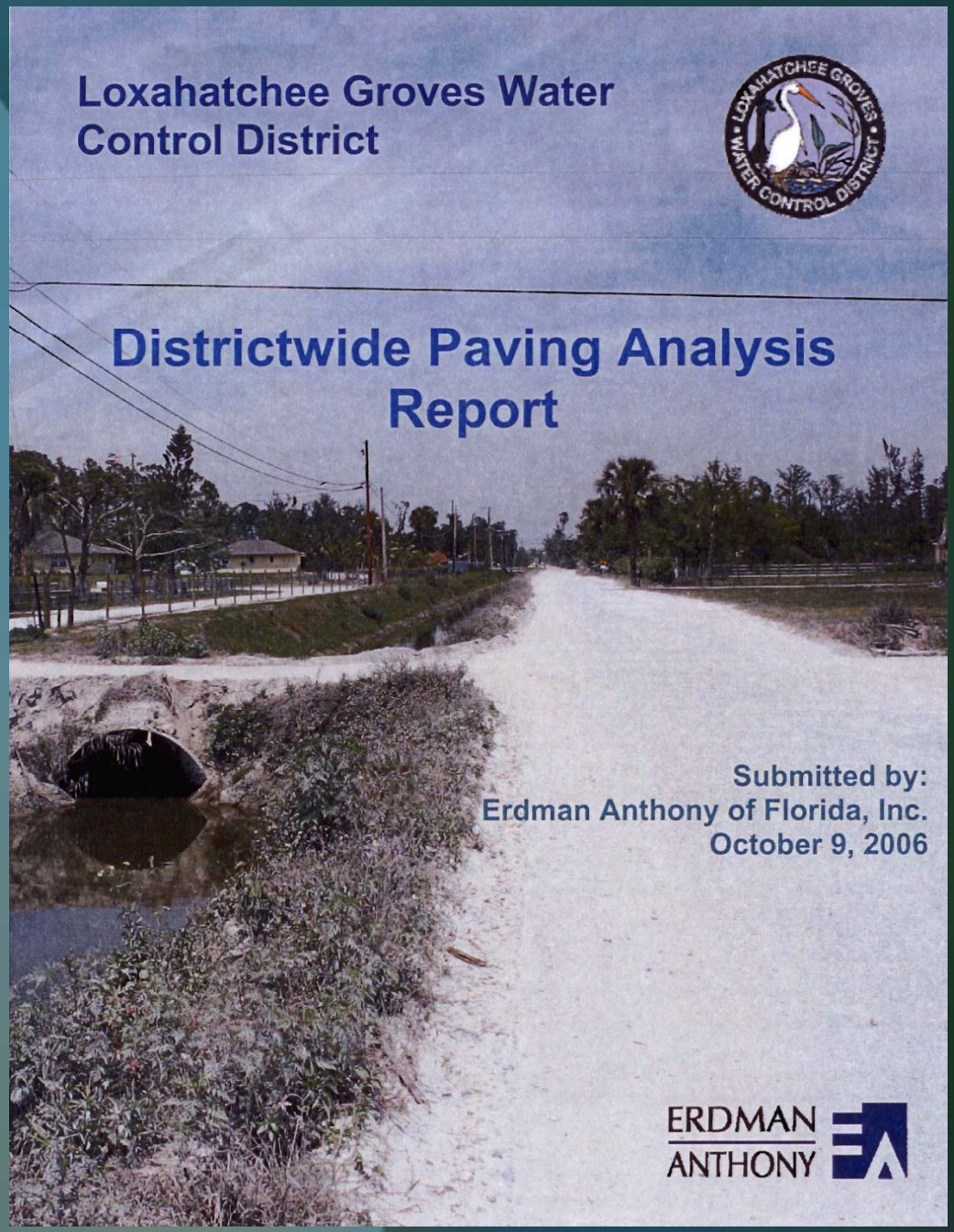
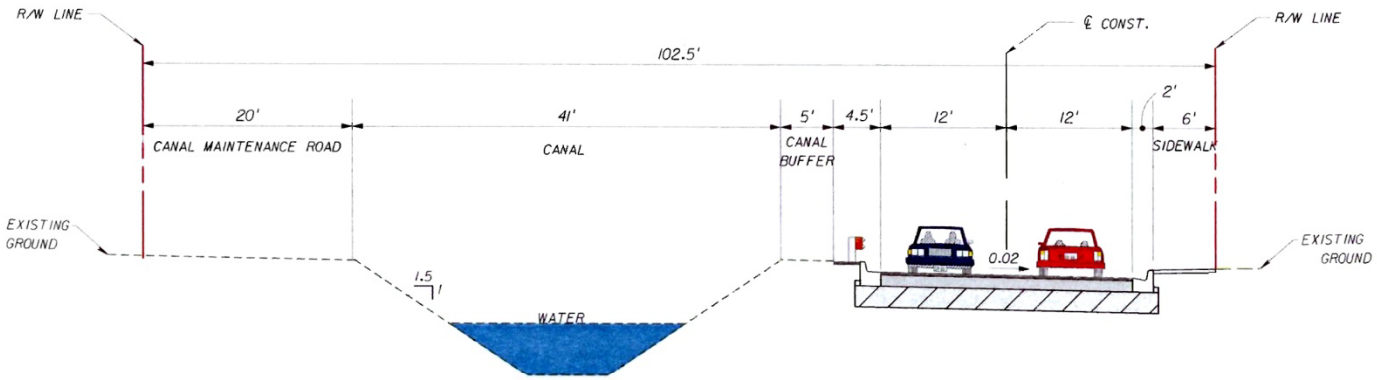
Master Roadway Equestrian and Greenway Plan



an Employee Owned Company

THE TOWN OF LOXAHATCHEE GROVES
EST. 1917
INC. 2006


Loxahatchee Groves Water Control District
Districtwide Paving Analysis Report
Submitted by:
Erdman Anthony of Florida, Inc.
October 9, 2006
ERDMAN ANTHONY



MINIMUM WIDTH TYPICAL SECTION

No.	Date	Revision

ERDMAN ANTHONY

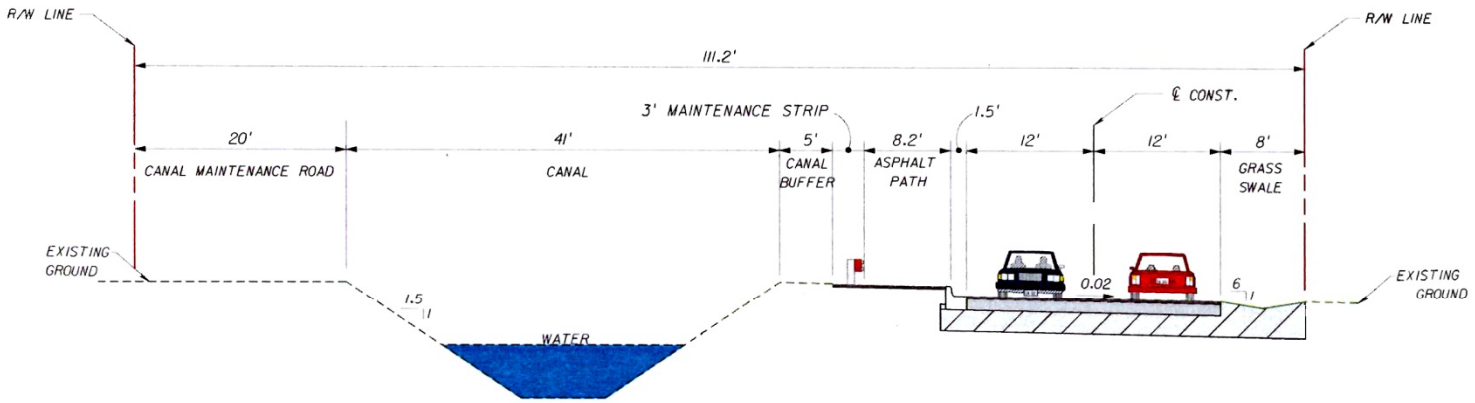
LOXAHATCHEE GROVES WATER CONTROL DISTRICT

EXHIBIT 1

Sheet: 9

Of:

No: 60083.00



PREFERRED TYPICAL SECTION

No.	Date	Revision

ERDMAN ANTHONY

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LOXAHATCHEE GROVES WATER CONTROL DISTRICT

EXHIBIT 3

Sheet: 11
Of:
No: 60083.00

Operational Analysis

- How well are the roads working now
- How well will the roads work in the future

Operational Analysis

- Simulation of Traffic
- Capacity/Level of Service Analysis
- Intersection Delay

Existing Conditions

- Traffic Counts
- Right-of-way Identification
- Intersection Lane Geometry
- Intersection Control

Future Conditions

- Full Buildout of Potential Land Uses
- Background Traffic from Adjacent Communities
- Palm Beach County Traffic Model

Levels of Service (LOS)

- LOS "A"
- LOS "B"
- LOS "C"
- LOS "D"

Acceptable

Minimum Required

- LOS "E"
- LOS "F"

Failing, Mitigation Required

Deficiencies & Mitigation

- Intersections operating at LOS E or F
- Lane Geometry Changes
- Intersection Control

Network Options

- No Improvements
- Hard Surface (OGEM)
- Asphalt (Paving Analysis Recommendations)
- Traffic Calming

Greenway & Equestrian Plans

- Opportunities Within Existing Roadway Network
- Opportunities Within Future Roadway Network

Final Report

- Summarize how well roads are functioning now
- Summarize how well roads are expected to operate in the future
- Summarize how well roads are expected to operate with improvements
- Identify equestrian and greenway trail opportunities
- Demonstrate compliance with Goals, Policies and Objectives of the Comprehensive Plan