



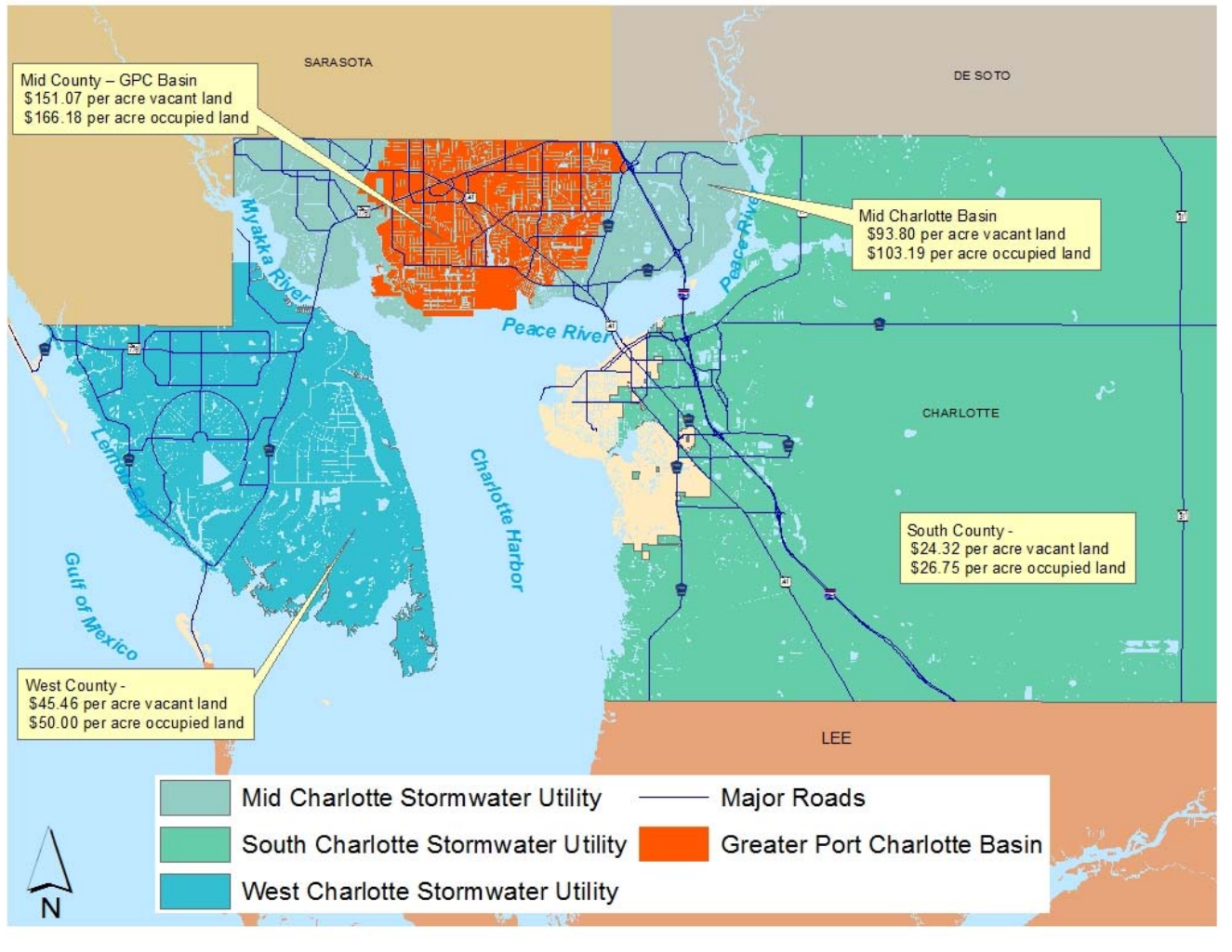
Rotonda Drainage

Street and Drainage vs. Stormwater

- Funding
- Street and Drainage
- Stormwater

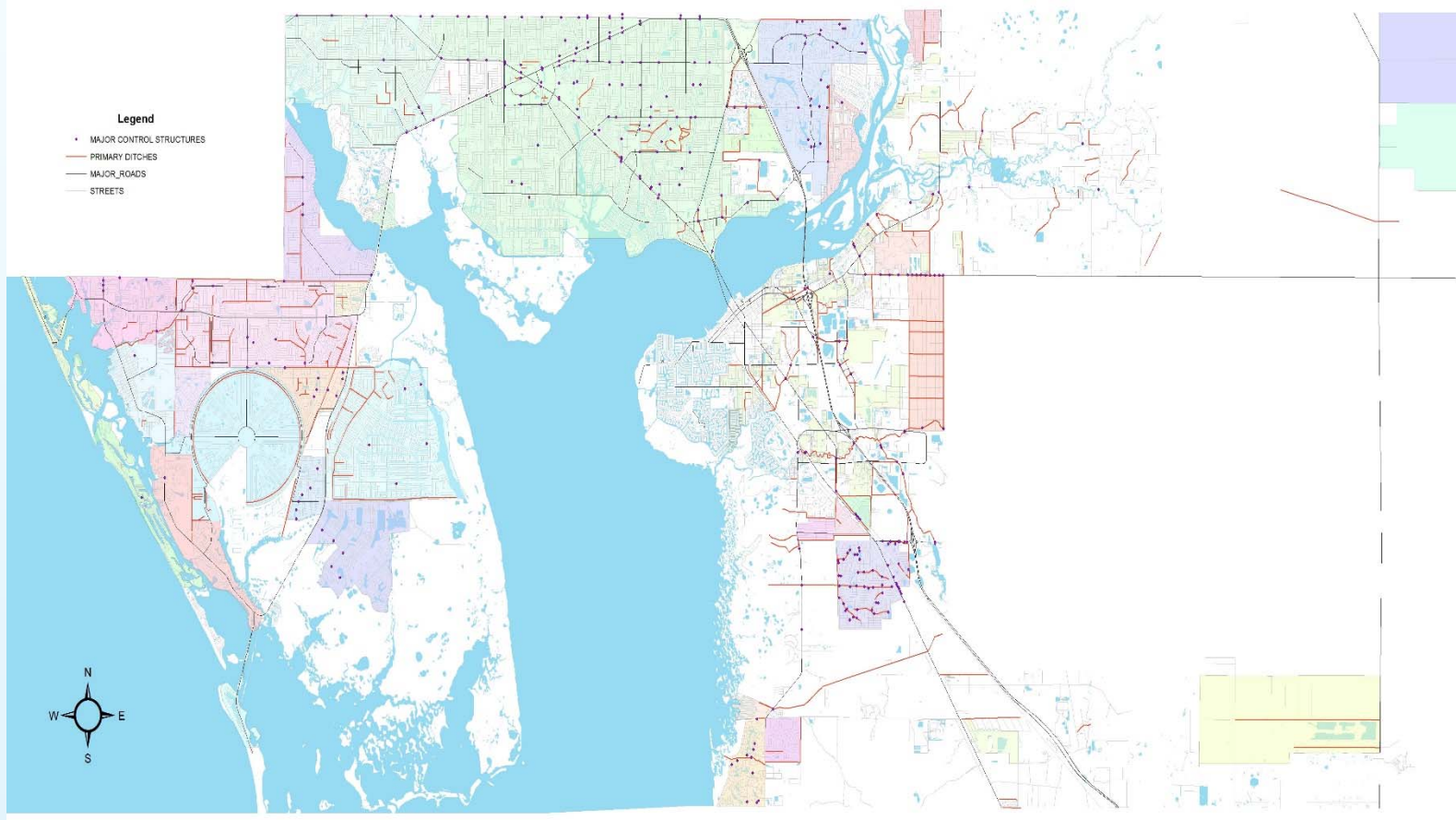


Stormwater MSBU Boundaries and Rates



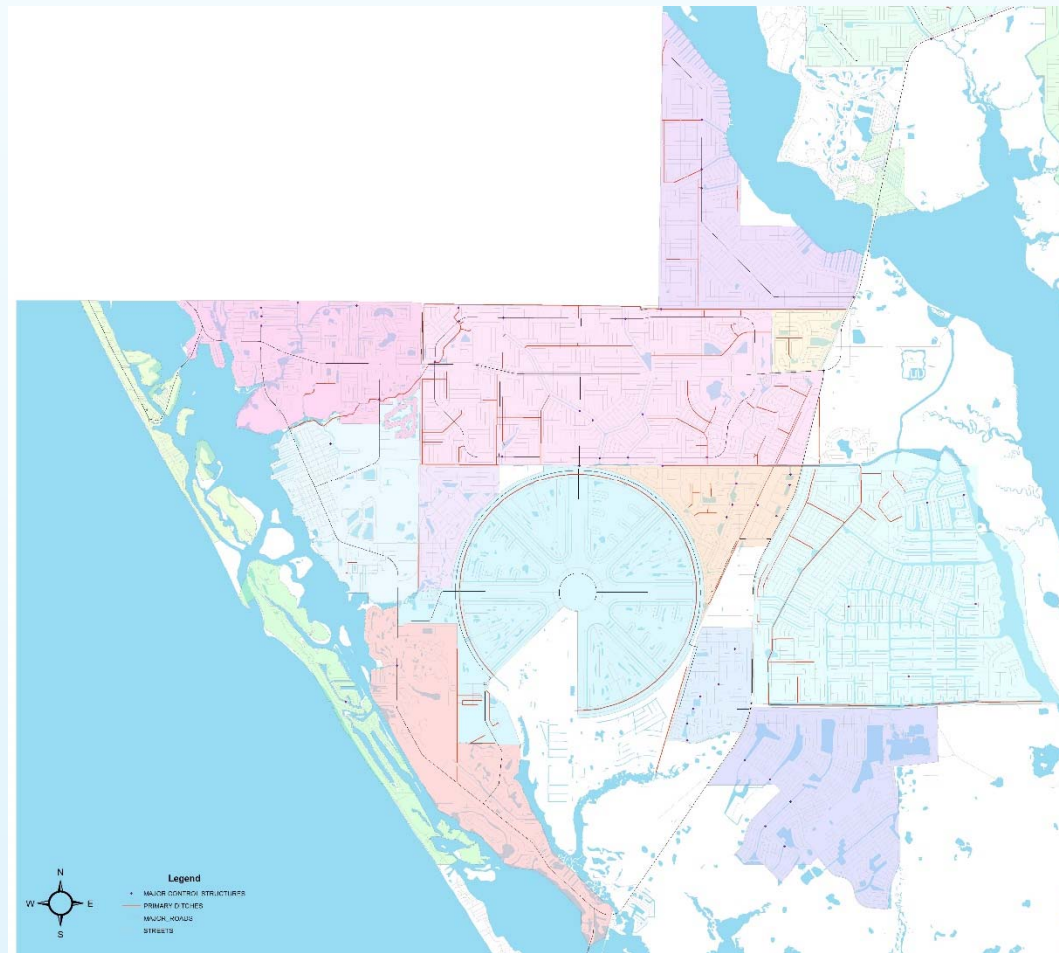


Stormwater MSBU Control Structure/Primary Ditch Map



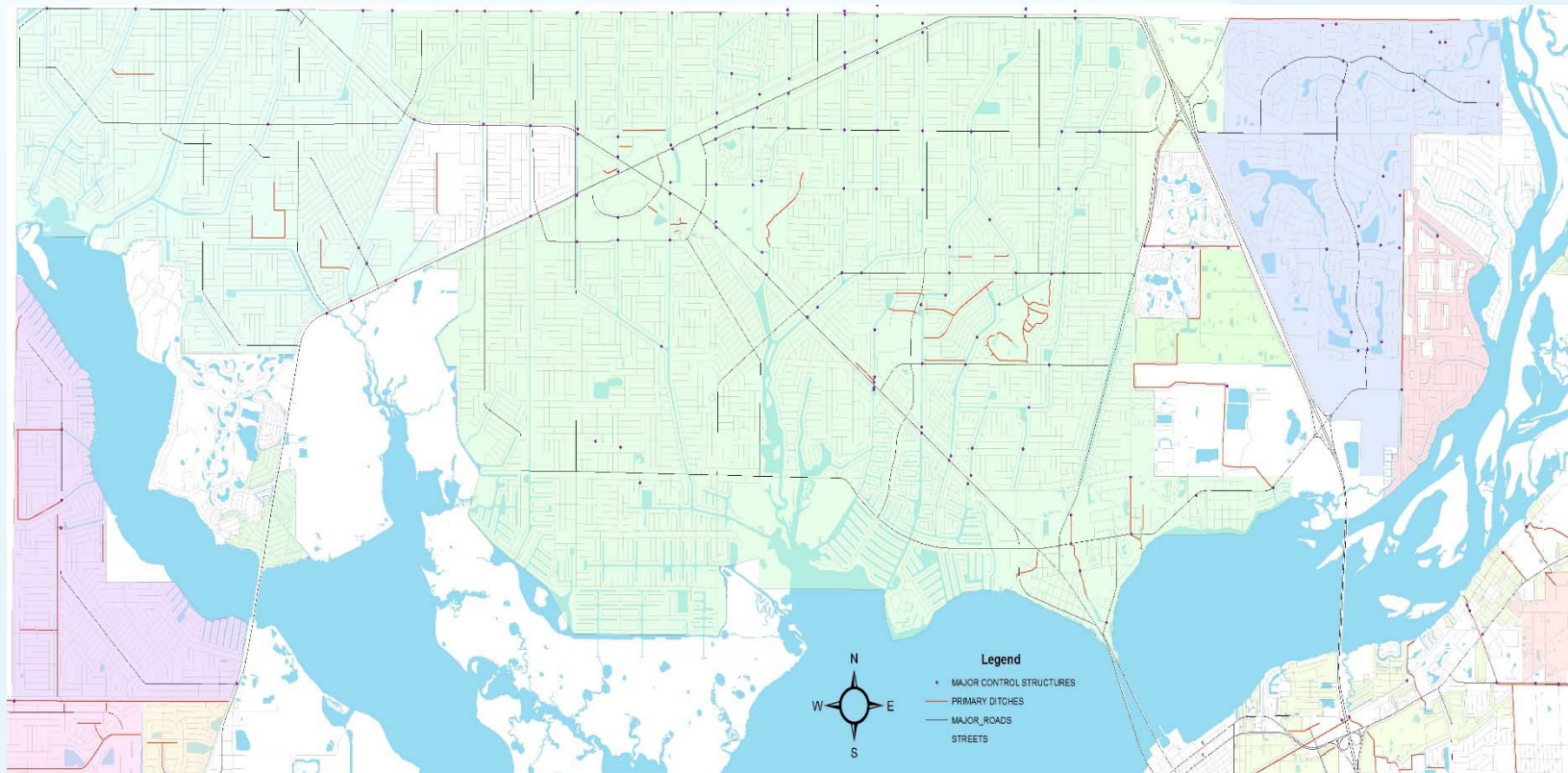


West-Charlotte Control Structure/Primary Ditch Map



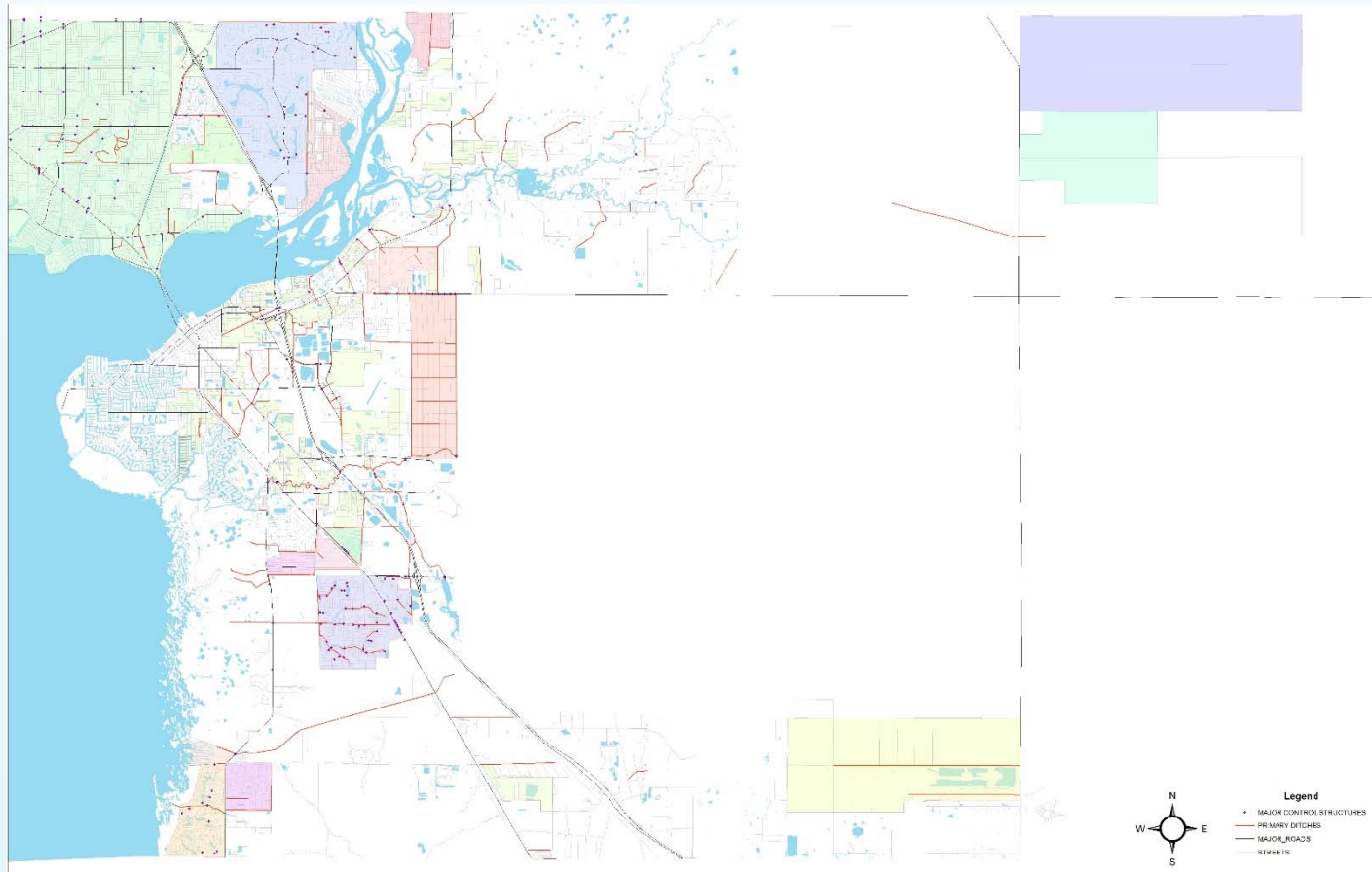


Mid-Charlotte Control Structure/Primary Ditch Map





South County Control Structure/Primary Ditch Map



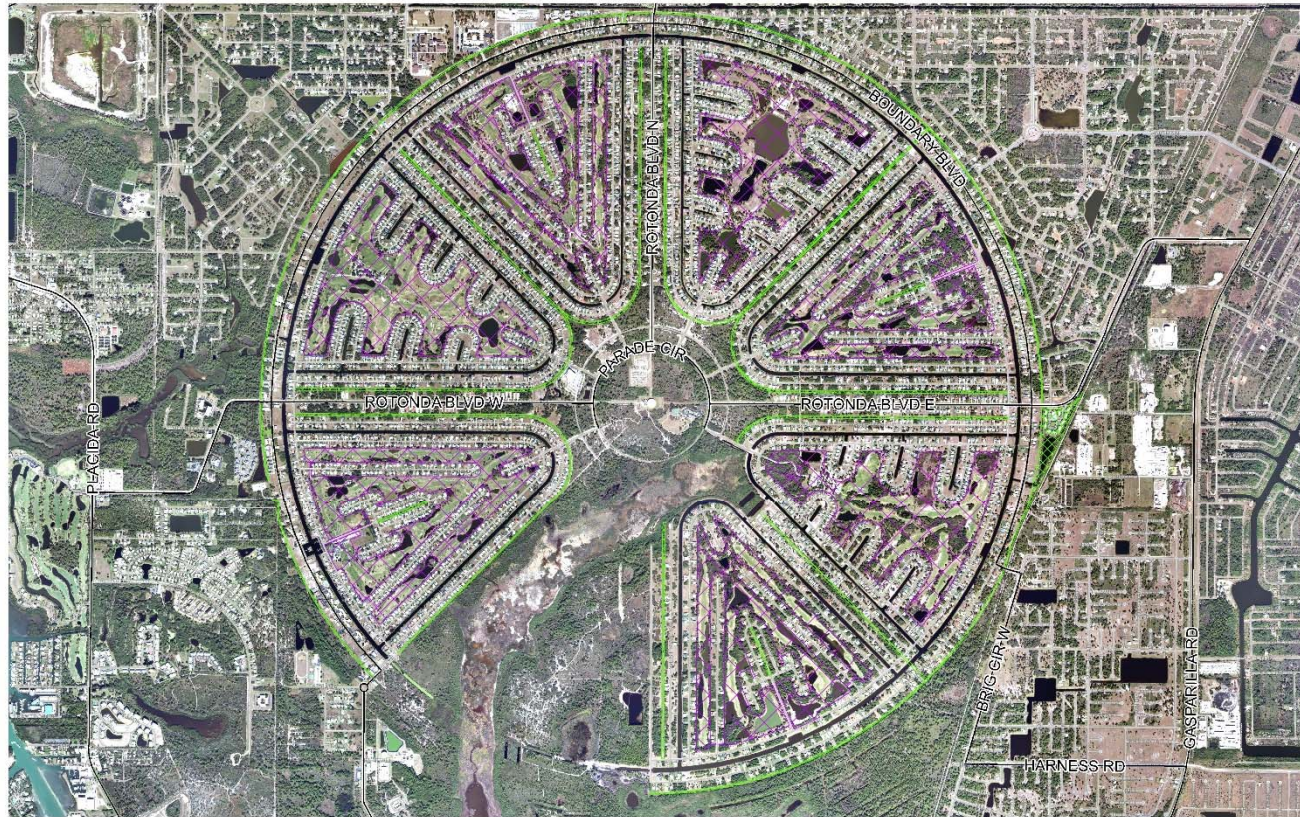


Drainage Infrastructure on Private Property

- Original Development
- Backyard Ditches
- Greenbelts
- Pipes, Weirs and other Infrastructure



Rotonda Greenbelts/Golf Courses





Rotonda West Golf Course Property History

- September 1999 – Board Action for Easement Acceptance
- July 2005 – Board Action for Release of Easement

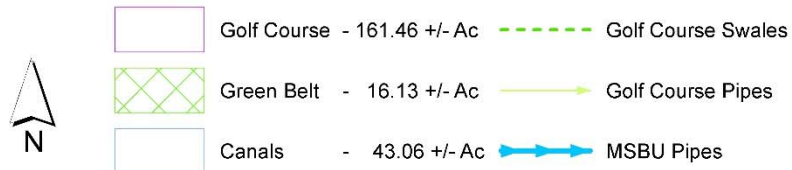


Sample Areas

- Long Meadow
- Oakland Hills



Long Meadow Known Infrastructure



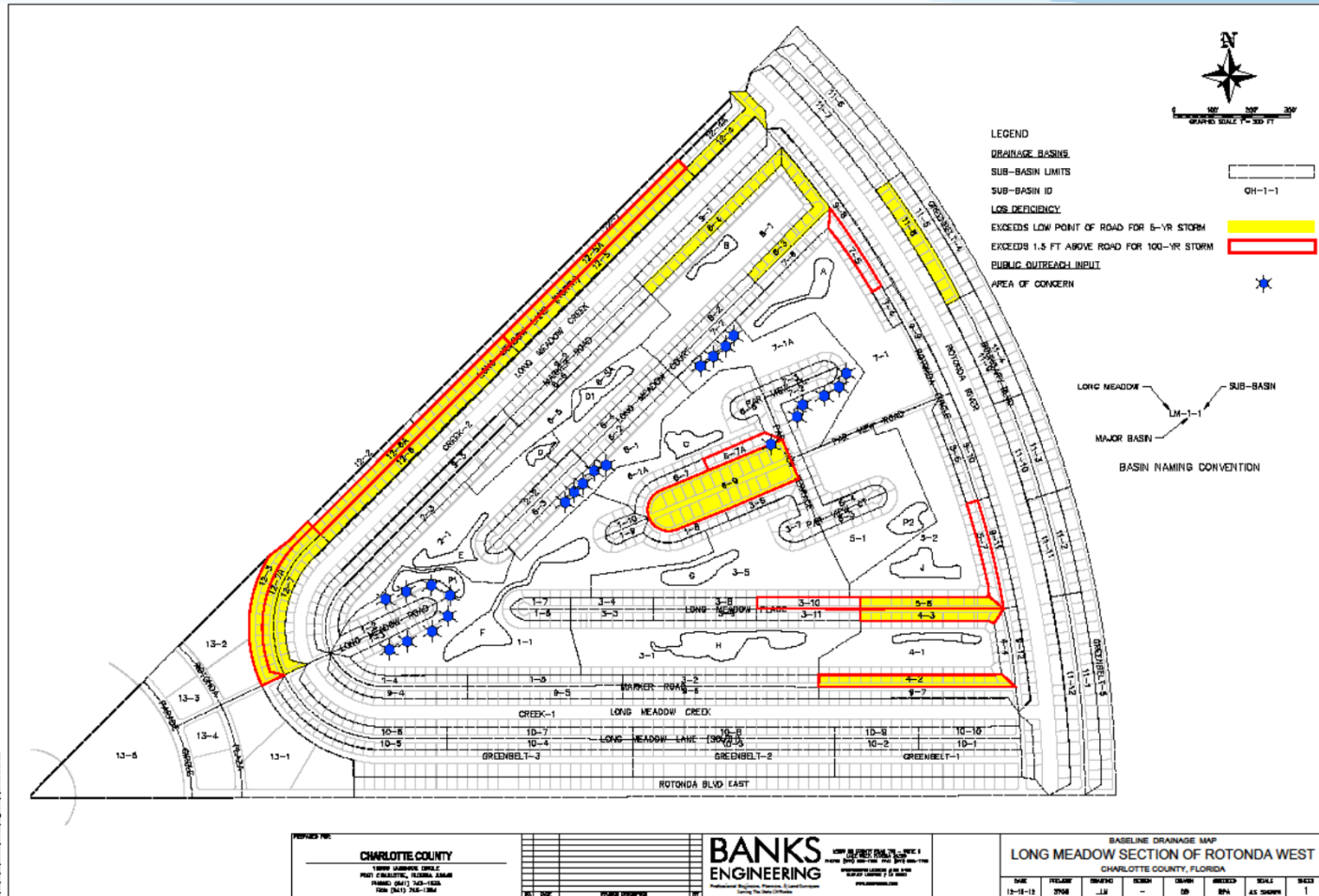


Long Meadow Road Drainage Where does it go?

- 23% drains through the Greenbelts
- 43% Drains through the Golf Courses
- 34% Drains directly to the Creek/River



Long Meadow Drainage Study Results



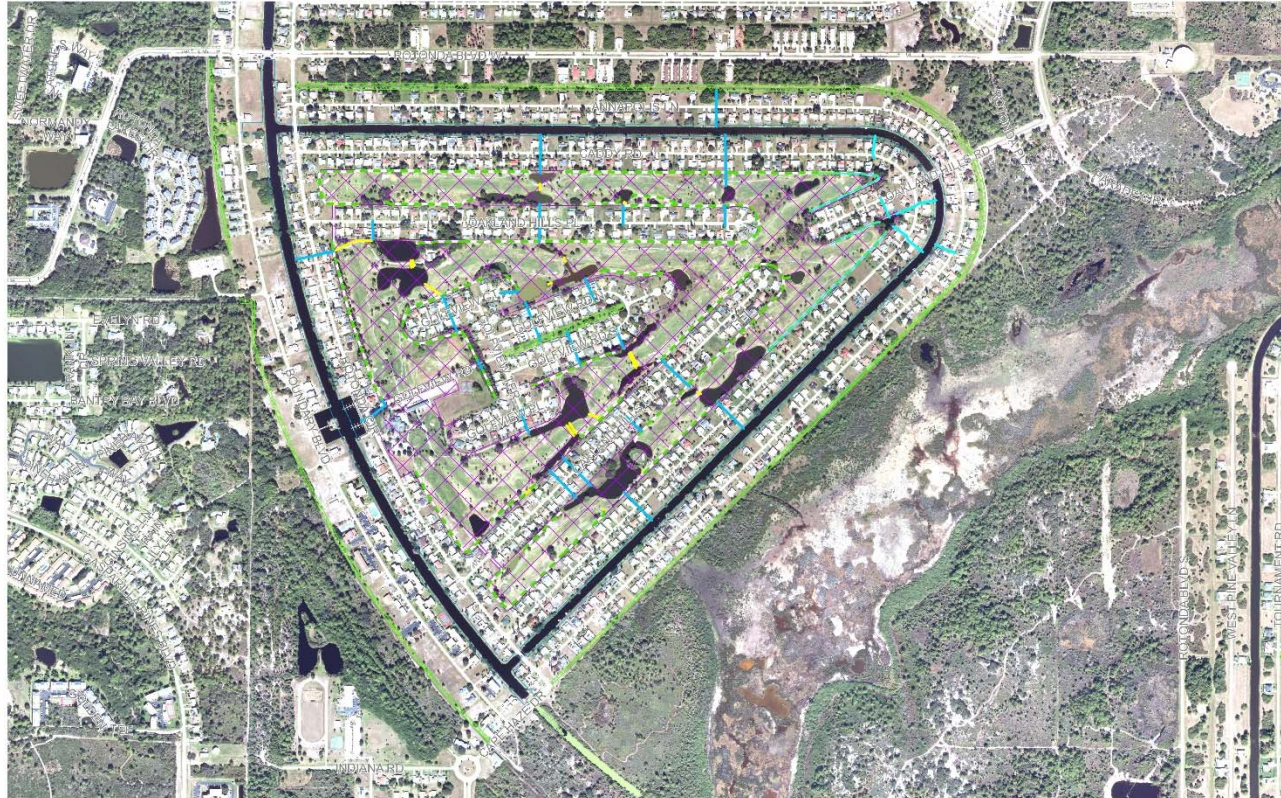








Estimated Long Meadow Maintenance Costs

Estimated Pipe Lining	\$ 730,000
Line & Grade Work	\$ 1,683,000
Menzie Clearing	<u>\$ 68,000</u>
Total	\$ 2,481,000



Oakland Hills Known Infrastructure



	Golf Course - 158.31 +/- Ac		MSBU Pipes
	Green Belt - 16.15 +/- Ac		Golf Course Swales - 18.04 +/- Ac
	Canals - 43.47 +/- Ac		Golf Course Pipes



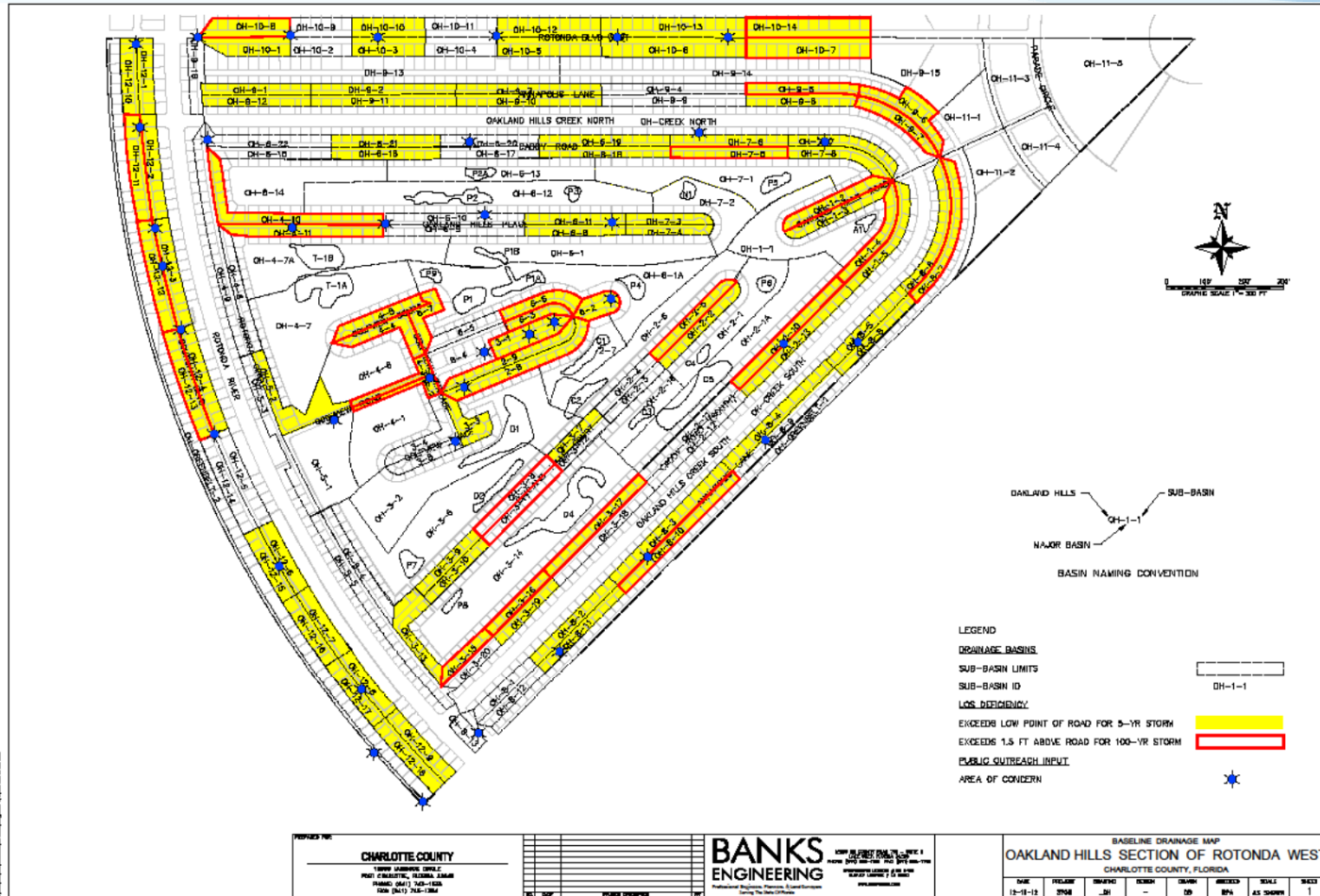
Oakland Hills Road Drainage

Where does it go?

- 11% drains through the Greenbelts
- 27% Drains through the Golf Courses
- 62% Drains directly to the Creek/River



Oakland Hills





Estimated Oakland Hills Maintenance Costs

Estimated Pipe Lining	\$ 1,348,713
Line & Grade Work	\$ 1,490,000
Menzie Clearing	<u>\$ 60,000</u>
Total	\$ 2,898,713



Countywide Ramifications

- Private Property
- Other Developments
- Unknown