

OCHOPEE FIRE CONTROL AND RESCUE DISTRICT

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**2010 AUIR OCHOPEE FIRE CONTROL & RESCUE DISTRICT
SUMMARY FORM**

Facility Type: *Dependent Fire Districts* (Category B)

Level of Service Standard: (Approx. 1 unit/4 minute response time/1.5 mile radius for fire suppression and 4 minute response time for Basic Life Support {BLS})

Unit Cost: \$3,275,000 per owned station with Land Donation***

Weighted Population Calculations

	<u>Units</u>	<u>Value/Cost</u>
Available Inventory 9/30/08	2*	\$3,391,000
Required Inventory 9/30/13	2**	\$3,391,000***
Proposed AUIR FY 08/09-12/13	****	\$ 0
5-Year Surplus or (Deficit)	0	\$ 0

Using the National Fire Protection Association (NFPA) & Insurance Service Organization (ISO) standard 4 minute response time/1.5 miles radius from stations for fire suppression and 4 minute response time for BLS, the following is set forth:

Expenditures

Proposed AUIR FY 09/10-13/14 expenditure dollar amount.....	\$	0
Debt Service Payments (existing bonds and loans).....	\$	<u>0</u>
Total Expenditures.....	\$	0

Revenues

Impact Fees anticipated.....	\$	5,070
Carry Forward (unspent cash as of Sept 30, 2010).....	\$	<u>3,100</u>
Total Revenues.....	\$	8,170

Additional Revenues required satisfying AUIR Capital Improvements.... (\$0)

Ochopee Millage Rate currently at 4.0000, by Ordinance capped at 4 Mills.

** The Ochopee Fire Control and Rescue District owns one station at 40808 East Tamiami Trail which is utilized for storage and as back-up location for emergency events and operates another station on land owned by the City of Everglades. The second unit allocated within the inventory is an interim station located at the Port of the Islands. This interim station will eventually be replaced by a marina currently owned by the Board of County Commissioners approximately 300 feet from the interim station, but will not be brought on-line until funding is available for renovation. The estimates for the renovation are approximately \$430,000.*

*** This is the required inventory based upon ISO and NFPA response time standard (see response time maps).*

**** Equals the cost of one owned station located in Everglades City (\$3,275,000), and one Interim station at Port of the Islands (\$116,000), for total of \$3,391,000. Unit Cost*

will be adjusted, as appropriate, based upon Board adoption of the Ochopee Impact Fee Study update in progress.

***** Given the vast size of Ochopee Fire District, the district needs stations located in varied parts of the district to reduce the response times currently experienced. **Forty percent of call volume** currently originates greater than twenty miles from the station. **Ninety eight percent of those calls fall in the “golden hour” of trauma response. An I-75 shared station would address this current deficiency.** However, due to financial constraints and uncertainty regarding the leasing of Alligator Alley, the station has been postponed. The need for the I-75 location is based upon response time to all incidents contained in the ISO and NFPA standards. Time factors in these standards include being on the scene in four minutes within one and a half miles of the station for fire suppression calls and 4 minute response time for BLS.*

The Bureau of Emergency Services, including Ochopee Fire and EMS had entered into very preliminary discussions with representatives of the Florida Department of Transportation for a shared I-75 station, but the progress of these discussions have stalled.

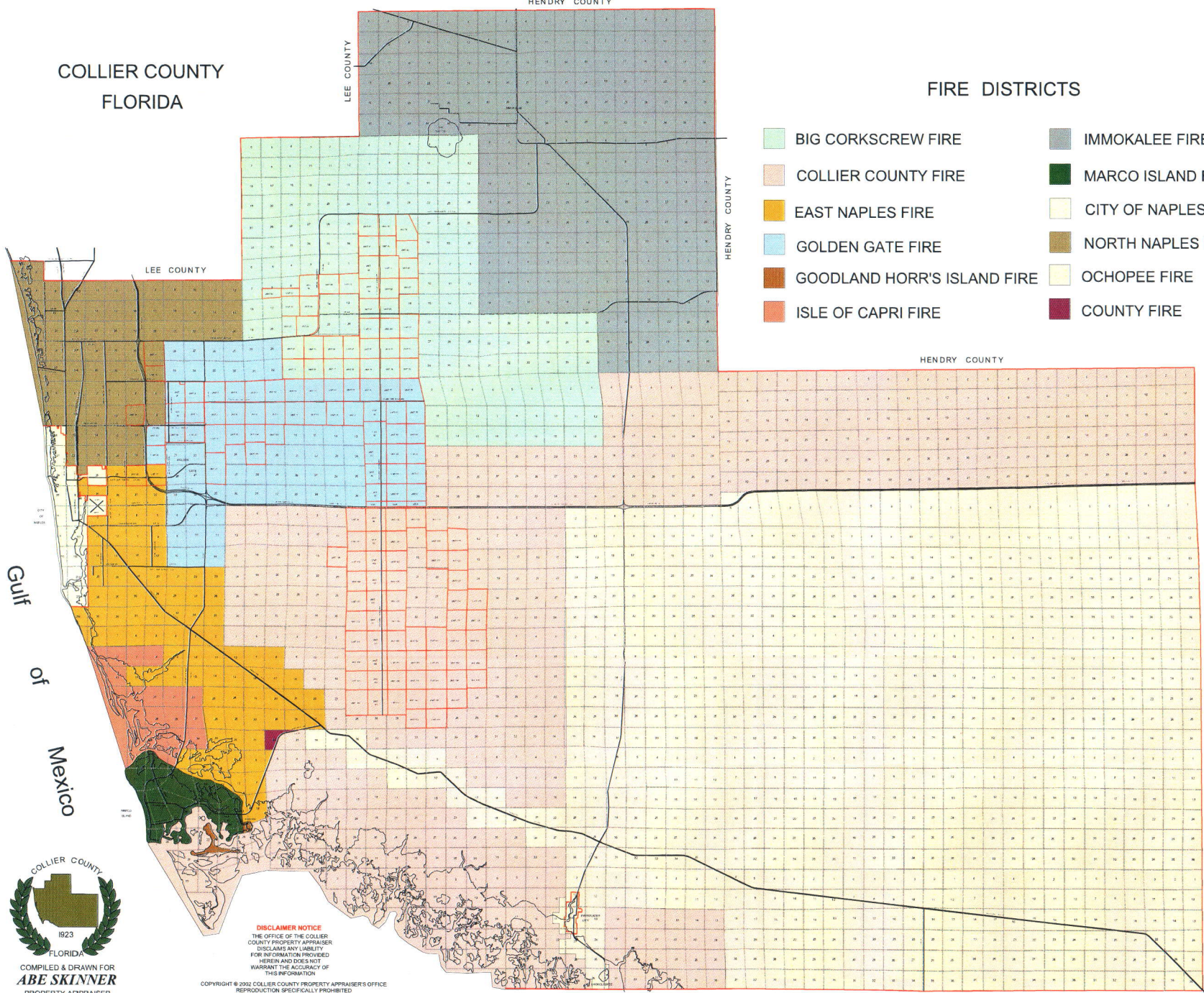
Staff Recommendation:

Staff recommends to the BCC approval of the Ochopee “Proposed AUIR FY10/11 - 14/15” capital improvements projects.

COLLIER COUNTY
FLORIDA

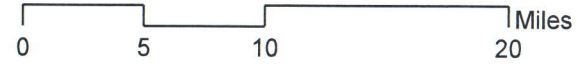
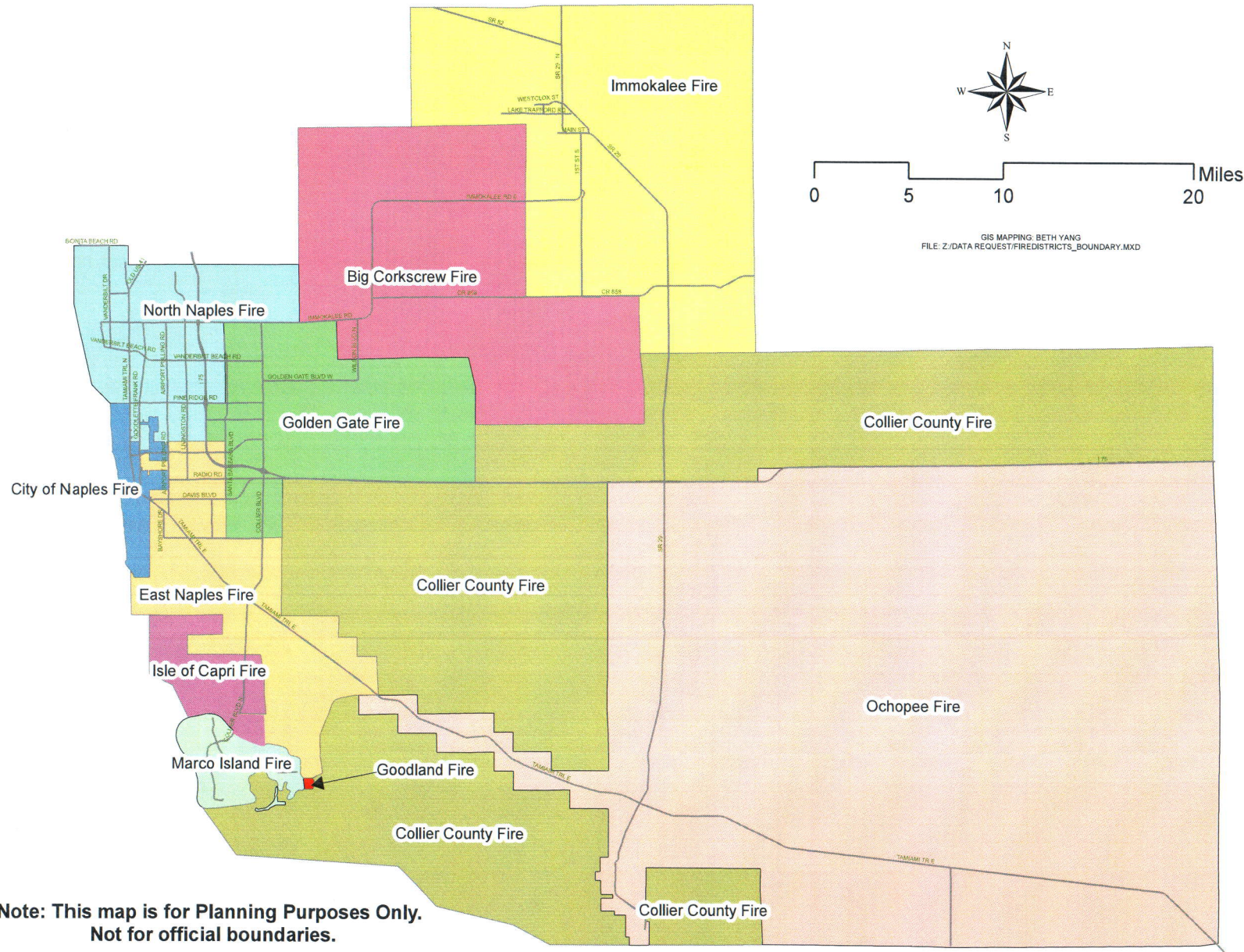
FIRE DISTRICTS

- BIG CORKSCREW FIRE
- COLLIER COUNTY FIRE
- EAST NAPLES FIRE
- GOLDEN GATE FIRE
- GOODLAND HORR'S ISLAND FIRE
- ISLE OF CAPRI FIRE
- IMMOKALEE FIRE
- MARCO ISLAND FIRE
- CITY OF NAPLES FIRE
- NORTH NAPLES FIRE
- OCHOPEE FIRE
- COUNTY FIRE



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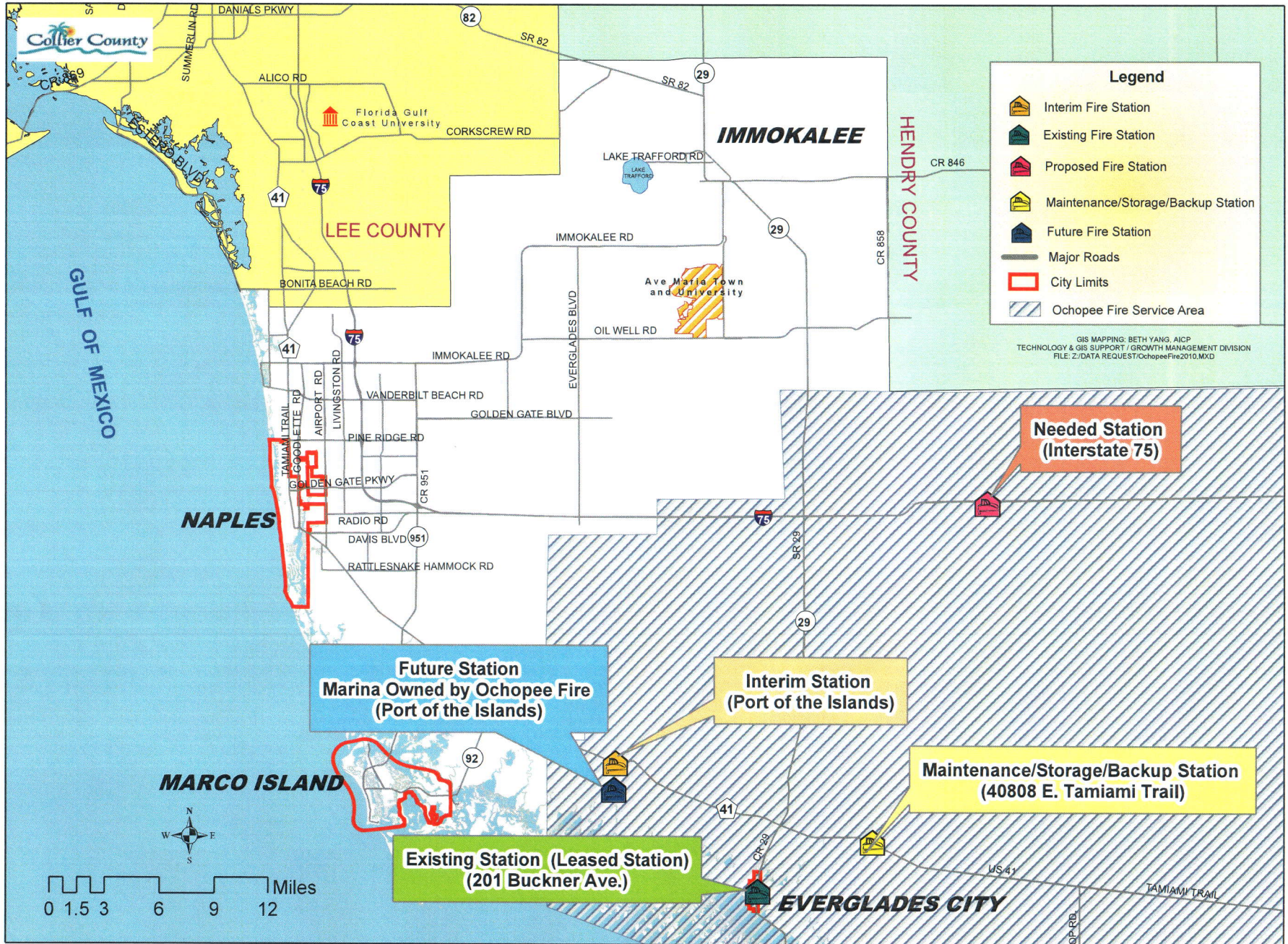
COLLIER COUNTY FIRE DISTRICT BOUNDARY MAP



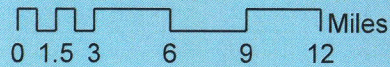
GIS MAPPING: BETH YANG
FILE: Z:\DATA REQUEST\FIREDISTRICTS_BOUNDARY.MXD

**Note: This map is for Planning Purposes Only.
Not for official boundaries.**

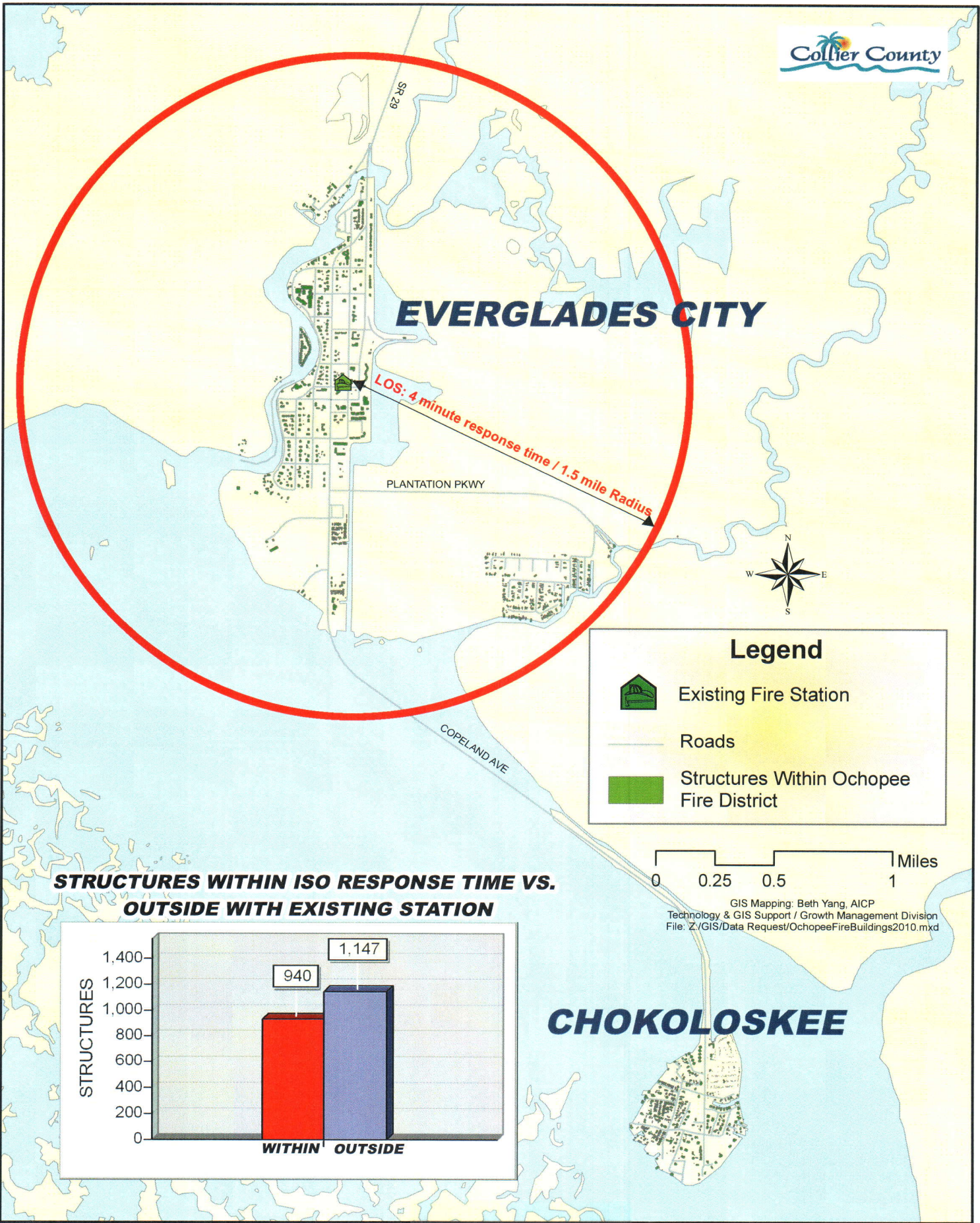
2010 OCHOPEE FIRE STATIONS INVENTORY



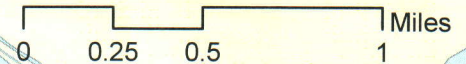
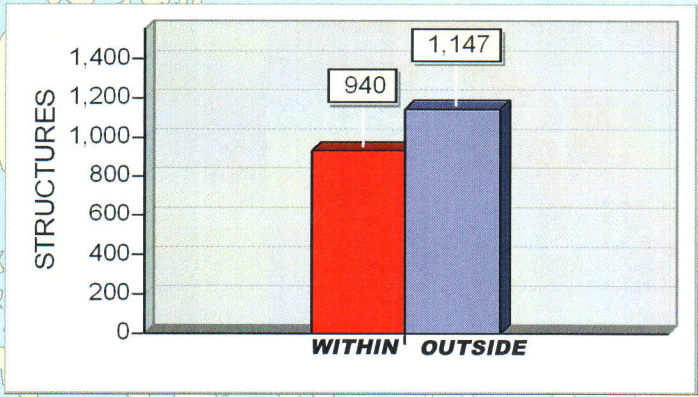
MARCO ISLAND



2010 OCHOPEE EXISTING FIRE STATION
 (LOS: 4 MINUTE RESPONSE TIME / 1.5 MILE RADIUS)



STRUCTURES WITHIN ISO RESPONSE TIME VS. OUTSIDE WITH EXISTING STATION



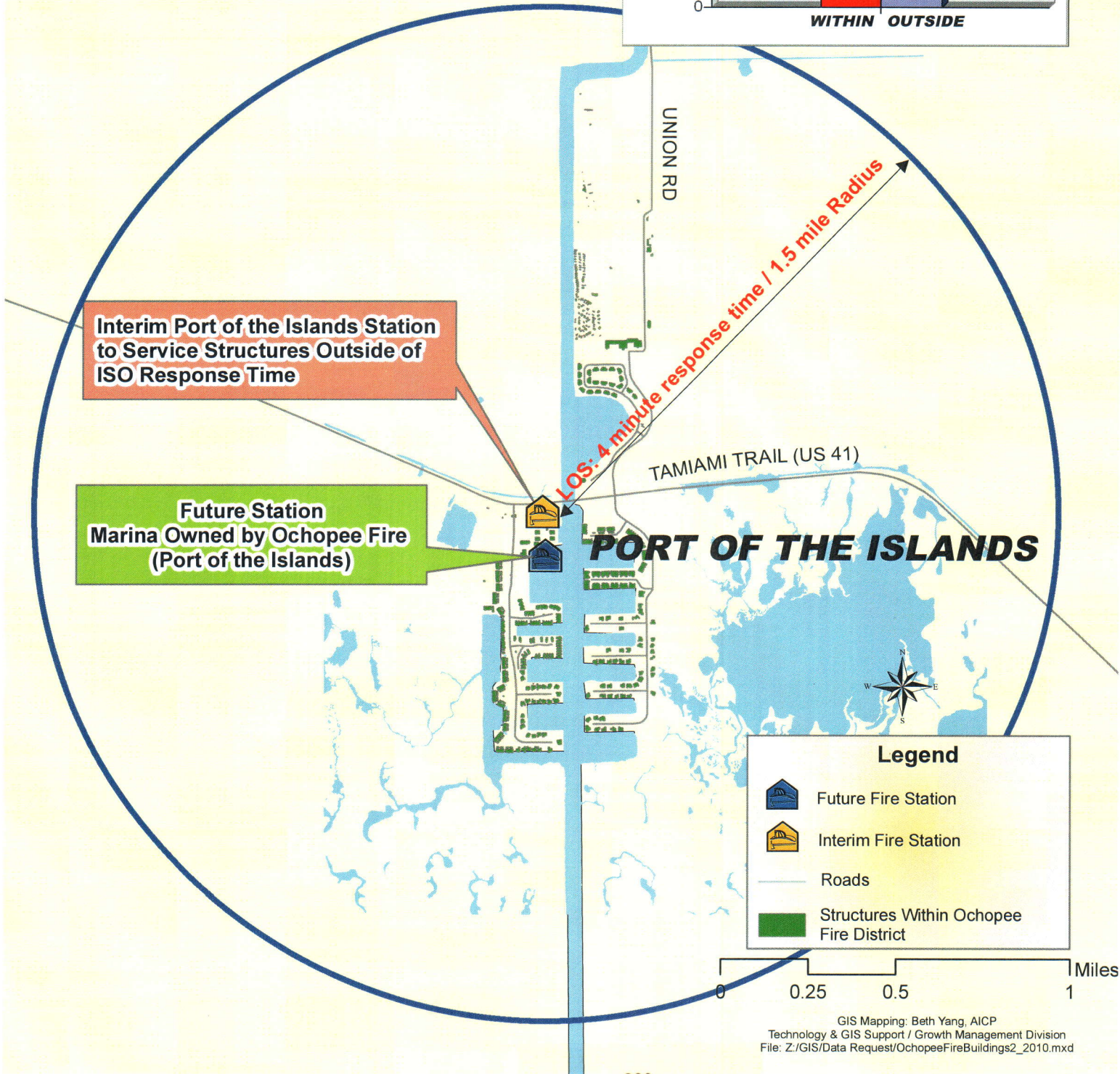
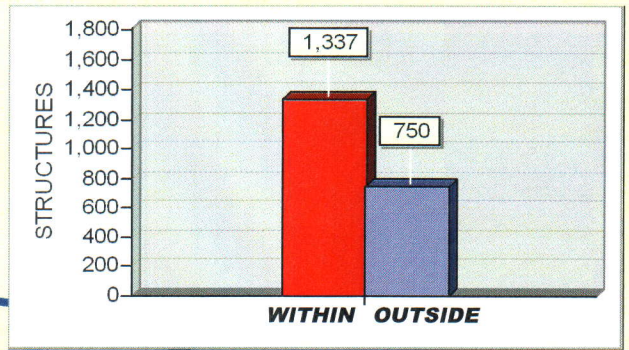
GIS Mapping: Beth Yang, AICP
 Technology & GIS Support / Growth Management Division
 File: Z:\GIS\Data Request\OchopeeFireBuildings2010.mxd

CHOKOLOSKEE





2010 OCHOPEE FIRE STATION (IN THE PORT OF THE ISLANDS)



STRUCTURES WITHIN ISO RESPONSE TIME VS. OUTSIDE WITH ADDITION OF THE STATION



Legend

-  Future Fire Station
-  Interim Fire Station
-  Roads
-  Structures Within Ochopee Fire District

GIS Mapping: Beth Yang, AICP
Technology & GIS Support / Growth Management Division
File: Z:/GIS/Data Request/OchopeeFireBuildings2_2010.mxd

**Collier County Ochopee Fire Control & Rescue
District Cost Per Owned Station with Land
Donation (Station 66) Ochopee**

Description	Cost	Percent of Total
Building Replacement Cost per Station	\$1,300,000	94.68%
Land Replacement Cost per Station *	\$0	0.00%
Equipment & Vehicle Replacement Cost per Station	\$65,000	4.73%
Office furniture & full live in facility	\$8,000	0.58%
Total Cost per Station**	\$1,373,000	100%

**Collier County Ochopee Fire Control & Rescue
District Cost Per Owned Station with Land
Donation (Station 60) Everglades City**

Description	Cost	Percent of Total
Building Replacement Cost per Station	\$2,400,000	73.28%
Land Replacement Cost per Station	\$0	0.00%
Equipment & Vehicle Replacement Cost per Station	\$840,000	25.65%
Office furniture & full live in facility	\$35,000	1.07%
Total Cost per Station**	\$3,275,000	100%

**Collier County Ochopee Fire Control & Rescue
District Cost Per Owned Station without Land
Donation (Station 61) Port of the Islands**

Description	Cost	Percent of Total
Building Replacement Cost per Station	\$1,400,000	45.02%
Land Replacement Cost per Station	\$1,200,000	38.59%
Equipment & Vehicle Replacement Cost per Station	\$480,000	15.43%
Office furniture & full live in facility	\$30,000	0.96%
Total Cost per Station**	\$3,110,000	100%

**Collier County Ochopee Fire Control & Rescue
District Cost Per Owned Station with Land
Donation - Interim Station**

Description	Cost	Percent of Total
Office Rental Contract***	\$31,000	27%
Office Space Rent \$16,000/Year for 5-Years	\$80,000	69%
Development Permit Fees***	\$5,000	4%
Total Cost - Interim Station	\$116,000	100%

* Based on donated land. The land is on donation with covenants to revert back to the owner if they do not use it as a fire station.

** The required inventory does not attempt to predict future possible increases or decreases in land, building and equipment costs.

*** One time occurring cost - Source: Ochopee Fire Control & Rescue District

OCHOPEE FIRE CONTROL DISTRICT
 CALL STATISTICS FOR 2006, 2007, 2008,2009
 & PART OF 2010

<u>TYPE OF CALL</u>	2006	2007	2008	2009	YEAR TO DATE 2010 (as of 7-12-10)
Structure Fires	8	6	3	5	1
Brush Fires	65	100	41	46	19
Emergency Medical	256	281	261	291	162
Motor Vehicle Accidents	273	271	263	212	95
Auto Fires	46	38	35	40	10
Hazmat Calls	8	6	3	4	5
Good Intent	2	10	7	12	7
Smoke Investigations	18	10	23	10	3
Air Craft Accidents	1	0	2	5	0
Mutual Aid Calls	3	0	0	1	1
Water Rescue	3	0	0	3	0
Fire Alarms	6	15	8	5	7
Total Calls	689	737	646	634	310