

OCHOPEE FIRE CONTROL AND RESCUE DISTRICT

CONTENTS

- **OCHOPEE FIRE DISTRICT SUMMARY FORM**
- **OCHOPEE FIRE DISTRICT STATIONS INVENTORY MAP**
- **OCHOPEE FIRE DISTRICT EXISTING LEVEL OF SERVICE MAP**
- **OCHOPEE FIRE DISTRICT PORT OF THE ISLANDS FIRE STATION LEVEL OF SERVICE MAP**
- **COST PER STATION FOR OCHOPEE FIRE DISTRICT**
- **OCHOPEE FIRE DISTRICT CALL STATISTICS**

**2011 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 9/30/11	2*	\$3,391,000
Required Inventory 9/30/15	2**	\$3,391,000***
Proposed AUIR FY 11/12-15/16	****	\$ 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 11/12-15/16 expenditure dollar amount.....	\$	0
Debt Service Payments (existing bonds and loans).....	\$	0
Total Expenditures.....	\$	0

Revenues

Impact Fees anticipated.....	\$	5,071
Interest.....	\$	500
Carry Forward (unspent cash as of Sept 30, 2011).....	\$	7,300
Total Revenues.....	\$	12,871

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).*

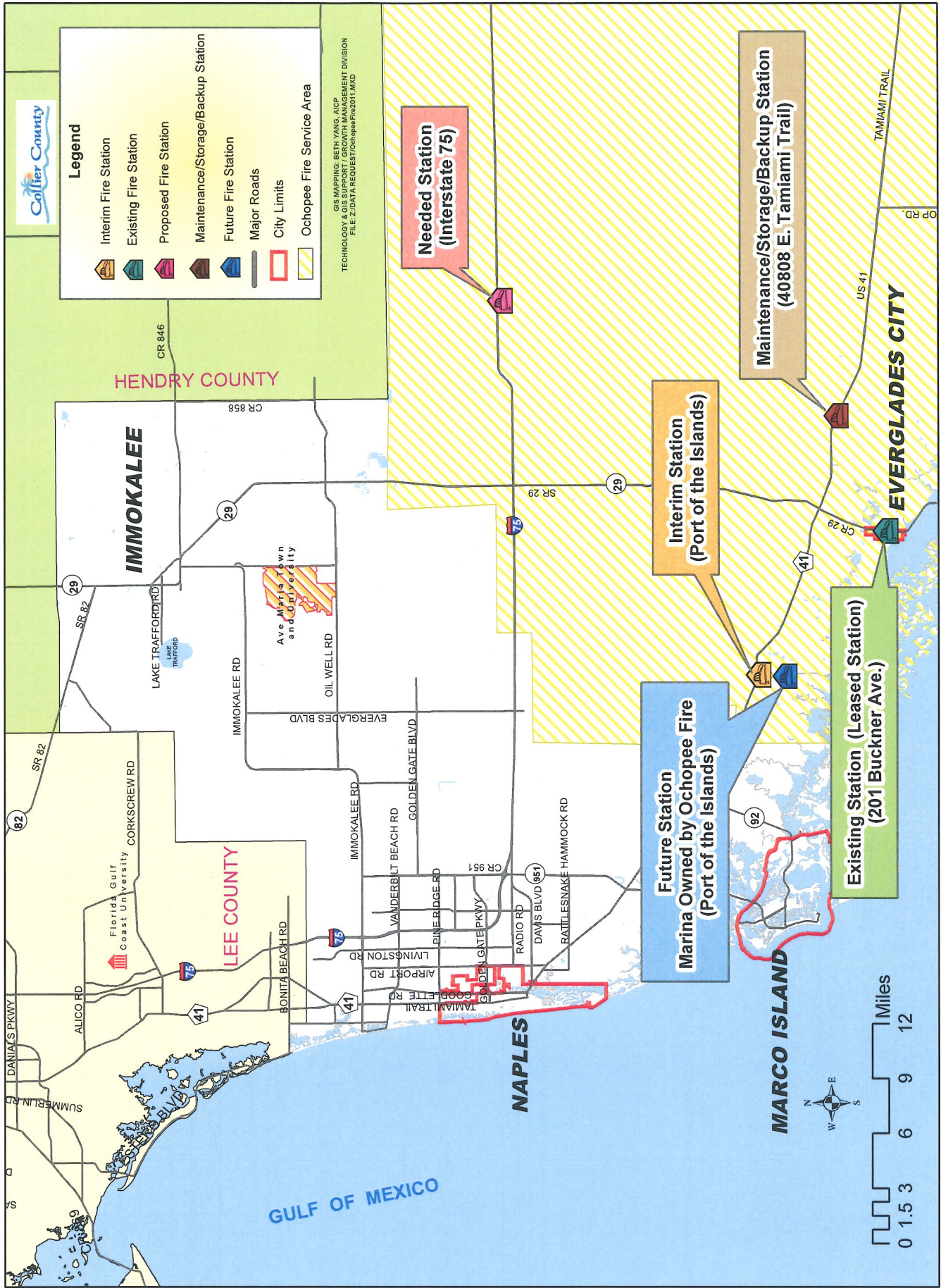
*** Equals the cost of one owned station located in Everglades City (\$3,275,000), and one Interim station at Port of the Islands (\$116,000), for total of \$3,391,000. .

**** 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 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.

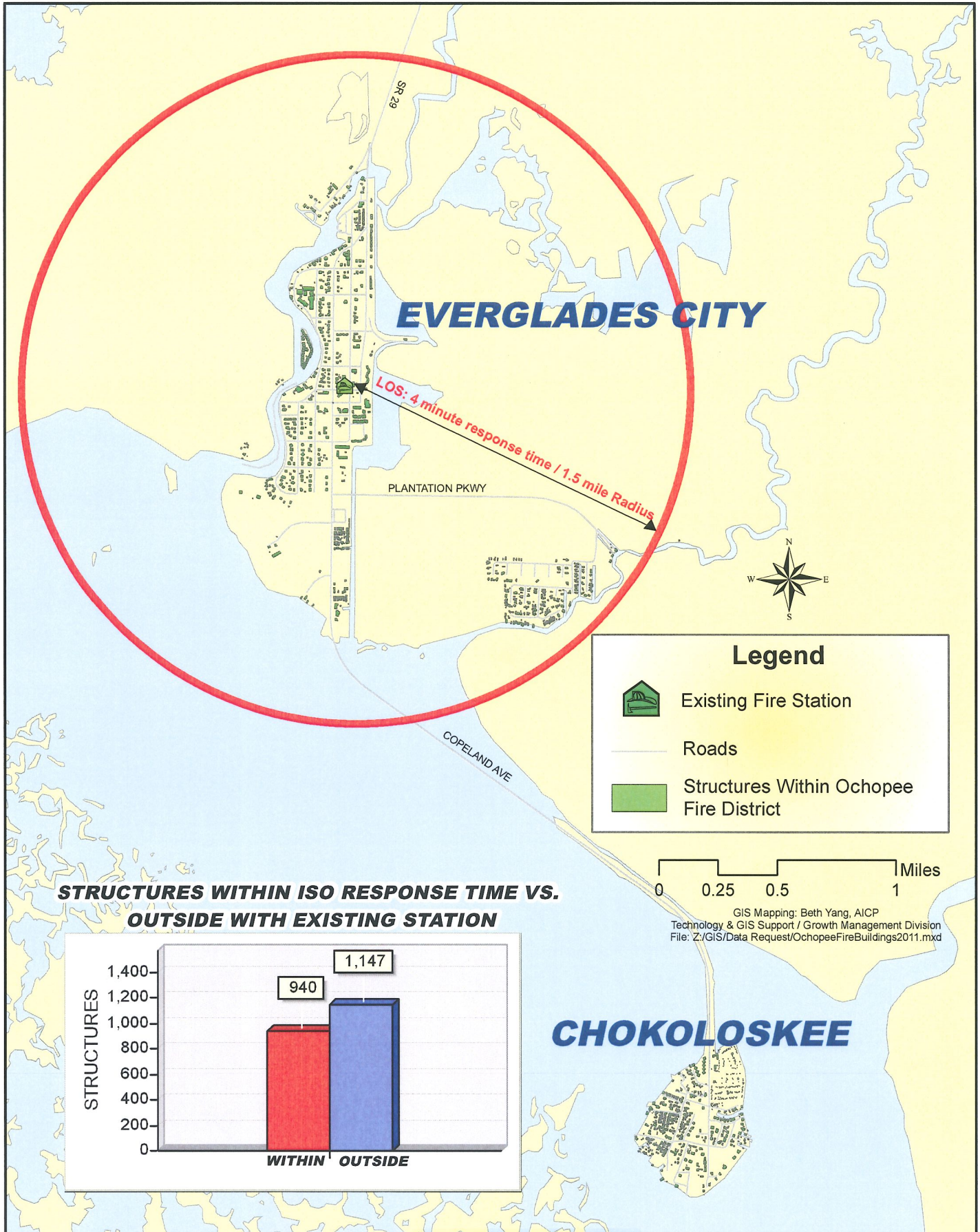
Staff Recommendation:

That the CCPC recommend to the BCC approval of the “Proposed Ochopee Fire District AUIR FY11/12 -15/16” capital improvements projects.

2011 OCHOPEE FIRE STATIONS INVENTORY



2011 OCHOPEE EXISTING FIRE STATION (LOS: 4 MINUTE RESPONSE TIME / 1.5 MILE RADIUS)



**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	<u>\$65,000</u>	4.73%
Office furniture & full live in facility	<u>\$8,000</u>	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	<u>\$840,000</u>	25.65%
Office furniture & full live in facility	<u>\$35,000</u>	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	<u>\$480,000</u>	15.43%
Office furniture & full live in facility	<u>\$30,000</u>	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, 2010
 AND JANUARY TO JULY OF 2011

TYPE OF CALL	2006	2007	2008	2009	2010	2011 (JANUARY TO JULY)
STRUCTURE FIRES	8	6	3	5	2	10
BRUSH FIRES	65	100	41	46	36	39
EMERGENCY MEDICAL	256	281	261	91	264	182
VEHICLE ACCIDENTS	273	271	263	212	179	75
VEHICLE FIRES	46	38	35	40	15	12
HAZ MAT CALLS	8	6	3	4	8	1
GOOD INTENT	2	10	7	12	13	13
SMOKE INVESTIGATION	18	10	23	10	6	5
AIR CRAFT ACCIDENTS	1	0	2	5	0	0
MUTUAL AID CALLS	3	0	0	1	1	2
WATER RESCUE	3	0	0	3	0	0
FIRE ALARMS	6	15	8	5	11	6
TOTAL CALLS	689	737	646	634	535	345

2011 OCHOPEE FIRE STATION (IN THE PORT OF THE ISLANDS)

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

