

# Southern Manatee Fire & Rescue



Public Facilities Report

**2014**

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## Summary

This report is a compilation of information as required by Florida State Statute 191.013 and 189.415, Special Districts Public Facilities Report. This report is required to be submitted to Manatee County Government by March 1, 2015.

This report covers the geographic area and predominate types of land use of the Southern Manatee Fire & Rescue District. Additionally, a map and legal description are included to show visual boundaries of the District and each fire station location.

An inventory summary of major equipment and its location is provided. Existing fire risk analysis is provided, showing demands on existing station response zones located within the fire control district.

The Southern Manatee Fire & Rescue District has been divided into five (5) response zones, to include Zone # 1 (Station # 1) covering an area of six and one half (6.5) square miles. Zone # 2 (Station # 2) covers an area of six and one half (6.5) square miles. Zone # 3 (Station # 3) covers seven and one half (7.5) square miles. Zone # 4 (Station # 4) covers an area of nine (9.0) square miles. Zone # 5 (Station # 5) covers an area of four and one half (4.5) square miles.

A proposed five year construction plan is provided, along with a five year acquisition plan for equipment. Additionally, a proposed 10 year plan is provided with an equipment acquisition and a process for projected funding of these facilities.

## **Geographic Service Areas**

The Southern Manatee Fire & Rescue District is located in the Southeast section of Manatee County (see legal description and map). The approximate area of the District is 34 square miles and the current population is approximately 55,000. Located in the District are mobile home parks, condominiums, single family dwellings, various types of businesses, shopping centers, malls, storage, and industrial manufacturing.

## **Jurisdiction**

The lands to be incorporated within the Southern Manatee Fire & Rescue District are located in Manatee County, Florida, and are described as follows:

Begin at the northwest corner of the southwest quarter of the northwest quarter of Section 36, Township 34 South, Range 17 East, thence run generally east along the south line of the city limits of the City of Bradenton and an easterly extension thereof to the center line of the Braden River at a point in Section 33, Township 34 South, Range 18 East; provided however that those unincorporated enclaves located within the corporate limits of the City of Bradenton within Sections 29 and 32, Township 34 South, Range 18 East are included; thence meandering the center line of the Braden River in a southeasterly, southerly and southwesterly direction to a point where the Braden River intersects the westerly Right-of-Way line of I-75, said point located in Section 25, Township 35 South, Range 18 East; thence southerly along said West Right-of-Way line of I-75 and the extension thereof to the line dividing Manatee County and Sarasota County, said point being located in Section 36, Township 35 South, Range 18 East; then west to the Southeast corner of Section 36, Township 35 South, Range 17 East; thence north to the Northeast corner of Section 36, Township 35 South, Range 17 East; thence west to the Southwest corner of Southeast corner of Section 25, Township 35 South, Range 17 East; thence north to the north line of said Section 25, Township 35 South, Range 17 East; thence West to the Southwest corner of Section 24, Township 35 South, Range 17 East; thence north to the point of beginning.

## **Types of Land Use**

Listed below are the predominate types of land use. This list is not inclusive of all land uses located within the Southern Manatee Fire & Rescue District. Data below is from the Manatee County Property Appraiser's Office.

<u>Use</u>	<u>Class</u>	<u>Total Parcels</u>	<u>Use</u>	<u>Class</u>	<u>Total Parcels</u>
0100	Single Family Residential	17,453	0803	Multi-Family (3 to 10 units)	1,109
0200	Mobile Homes	260	0000	Vacant Residential	2,716
0300	Multi-Family (10 or more units)	25	0004	Vacant Condominium	35
0400	Condominia Improved	4,015	3500	Tourist Attraction	40
0800	Duplex	2,738	4100	Industrial	772
			4800	Warehousing	515

## Existing Administrative Offices and Fire Stations

### Administrative Office



Address: 2451 Trailmate Drive  
Sarasota, FL 34243

GPS Coordinates: 27.427003 ; 82.533779

D/P Number: 18498.20558

Legal Description:

LOT 11 PARKLAND CENTER PHASE 1 PI#18498.2055/8

Use Code:	8900
Square Footage Land:	67,518
Square Footage Living/Bus	11,677
Total Under Roof	14,121

Approximate Service Area for administrative services is the entire fire control district of 34 square miles.

## Station # 1



Address: 6100 15<sup>th</sup> Street East  
Bradenton, FL 34203

GPS Coordinates: 27.43260 ; 82.547239

D/P Number: 65548.0050/9

### Legal Description:

A TRACT OF LAND IN SEC 24 TWN 35 RNG 17 DESC AS FOLLOWS: COM AT THE NE COR OF THE NE1/4 OF SD SEC 24; TH S 00 DEG 14 MIN 21 SEC E ALG THE ELY LN OF SD NE1/4 A DIST OF 332.62 FT TO THE SLY LN OF THE N1/2 OF THE NE1/4 OF THE NE1/4 OF THE NE1/4 OF SEC 24; TH S 89 DEG 45 MIN 58 SEC W ALG SD SLY LN A DIST OF 50 FT TO THE WLY R/W LN OF 15TH ST E (US 301, SR 683) FOR THE POB; TH CONT S 89 DEG 45 MIN 58 SEC W ALG SD SLY LN A DIST OF 210 FT TO A LN 210 FT WLY OF & PAR WITH THE WLY R/W LN OF 15TH ST E; TH N 00 DEG 14 MIN 21 SEC W ALG SD PAR LN A DIST OF 312.36 FT TO THE SLY MAINTAINED R/W LN OF 61ST AVE E REC IN RD PB 9 AT P 65 (THE FOLLOWING TWO CALLS ARE ALG SD SLY MAINTAINED R/W LN); TH S 89 DEG 40 MIN 25 SEC E A DIST OF 80.50 FT; TH S 88 DEG 57 MIN 16 SEC E A DIST OF 129.53 FT TO THE AFOREMENTIONED WLY R/W LN OF 15TH ST E; TH S 00 DEG 14 MIN 21 SEC E ALG SD WLY R/W LN A DIST OF 308.69 FT TO THE POB (1683/6094) PI#65548.0050/9

Use Code: 8900  
Square Footage Land: 61,581  
Square Footage Living/Bus 11,801  
Total Under Roof 12,500

Approximate Service Area: For Fire and EMS response; 6.5 square miles.

## Station #2



Address: 1911 30 Avenue East  
Bradenton, FL 34208

GPS Coordinates: 27.473394 ; 82.541474

D/P Number: 15689.000/3

### Legal Description:

START AT SOUTHEAST CORNER OF LOT 24, OF WYATTS ADD TO SUNSHINE RIDGE SUBDIVISION, FOR POB; THENCE GO IN AN EASTERLY DIRECTION ALONG NORTHERLY RIGHT-OF-WAY LN OF 30TH AVENUE EAST (ORANGE RIDGE ROAD), 143.46 FEET TO AN IRON PIPE, THENCE NORTH 01 DEGREES 35 MIN WEST 324.4 FEET TO AN IRON PIPE, THENCE EAST 200 FEET TO AN IRON PIPE, THENCE SOUTH 01 DEGREES 35 MIN EAST 324.4 FEET TO AN IRON PIPE IN NORTHERLY R/W LN 200 FEET TO THE POB, AS DESCRIBED IN ORDINANCE 180 PAGE 220, PRMCF PAGE 18.

Use Code: 8900

Square Footage Land: 63,598

Square Footage Living/Bus 8,090

Square Footage Storage 960

Total Under Roof 9,050

Approximate Service Area: For Fire and EMS response; 6.5 square miles.

## Station #3



Address: 7611 Prospect Road  
Sarasota, FL 34243

GPS Coordinates: 27.404564 ; 82.517510

D/P Number: 19745.000/9

### Legal Description:

BEGINNING WEST 1/2 OF SOUTHWEST 1/2 OF SOUTHEAST 1/4 OF SOUTHEAST 1/4 LESS SOUTH 210 FEET PAGE 20.

Use Code: 8900  
Square Footage Lot: 128,938  
Square Footage Living/Business 7,227  
Total Under Roof 7,618

Approximate Service Area: For Fire and EMS response; 7.5 square miles



## Station #4



Address: 5228 45<sup>th</sup> Street East  
Bradenton, FL 34203

GPS Coordinates: 27.448235 ; 82.505839

D/P Number: 16985.0004

### Legal Description:

COM AT THE SE COR OF SE1/4 OF SW1/4 OF SEC 9, TH W 77.94 FT, CROSSING THE RD TO A PT ON THE W SIDE OF SD RD R/W TO A STAKE FOR POB, TH N ALG SD RD WAY 315 FT TO A STAKE, TH W 500 FT TO A STAKE, TH S 200 FT M/L TO JEFFS CREEK, TH SELY ALG SD CREEK TO THE S LN OF SD SEC 9, TH E ALG SD SEC LN TO THE POB, (228/616) [INSERT "LESS RD R/W FOR 45TH ST E DESC AS FOLLOWS: COM AT SE COR OF SE1/4 OF SW1/4 SEC 9; TH N 89 DEG 55 MIN 36 SEC W, 77.94 FT TO W R/W OF 45TH ST E FOR POB; TH CONT N 89 DEG 55 MIN 36 SEC W, 28.42 FT; TH N 00 DEG 29 MIN 56 SEC W, 7.42 FT; TH S 78 DEG 29 MIN 56 SEC E, 23.51 FT; TH N 00 DEG 29 MIN 56 SEC W, 312.24 FT; TH S 89 DEG 55 MIN 36 SEC E, 5.42 FT TO SD W R/W LN; TH S 00 DEG 29 MIN 56 SEC E, 315 FT TO POB. CONTAINING 1824.857 SQ FT, M/L (OR 1180 P 1310)"] SUBJECT TO CONSERVATION EASMT DESC IN O.R. 1722/4019 PI#16985.0000/4

Use Code: 8900  
Square Footage Land: 150,718  
Square Footage Living/Business 6,454  
Total Under Roof 6,776

Approximate Service Area: For Fire and EMS response; 9.0 Square Miles

## Station # 5



Address: 7301 Honore Ave  
Sarasota, FL 34243

GPS Coordinates: 27.410094 ; 82.462953

D/P Number: 19187.00103

### Legal Description:

A PARCEL OF LAND LYING IN SEC 25, TWN 35, RNG 18, DESC AS FOLLOWS: BEGIN AT THE NW COR OF MAGNOLIA HAMMOCK AT UNIVERSITY PL, A SUB, AS PER PB 41/84, OF PRMCF; TH S 02 DEG 45 MIN 45 SEC W ALG THE W LN OF SD MAGNOLIA HAMMOCK AT UNIVERSITY PL, A DIST OF 530.15 FT TO AN INT WITH THE ELY R/W/L OF HONORE AVE AS REC IN OR 1436/6620, AT A PT ON THE ARC OF A CURVE TO THE L WHOSE RAD PT LIES N 87 DEG 14 MIN 15 SEC W AT A DIST OF 780.00 FT; TH ALG SD ELY R/W/L AND THE ARC OF SD CURVE IN A NWLY DIRECTION A DIST OF 573.63 FT THROUGH A C/A OF 42 DEG 08 MIN 13 SEC TO AN INT WITH THE N LN OF THE SW 1/4 OF SD SEC 25; TH S 89 DEG 10 MIN 54 SEC E ALG SD N LN, A DIST OF 201.71 FT TO THE POB, PI#19187.0100/9

Use Code: 8900  
Square Footage Land: 33,977  
Square Footage Living/Business 4,923  
Total Under Roof 4,967

Approximate Service Area: For Fire and EMS response; 4.5 square miles

## **Inventory of Equipment**

Below is a list of major equipment owned by the Southern Manatee Fire & Rescue District. It is separated by Stations and Administration. Note: All vehicles and facilities are equipped with 800 MHZ Radio Communications. All Engines and Trucks have VHF Radio Communications. All apparatus carry Basic Life Support Medical Equipment and AED's and utilize Manatee County's Medical Directors Treatment Protocols.

### **Station 1**

#### **Battalion 3 (C-15) 2008 GMC Yukon XL**

- Thermal Imager
- Chemical classifier test strips
- Orion gas detector (detects flammable gas, oxygen, carbon monoxide & hydrogen sulfide)
- Hydrogen cyanide detector
- Ammonia detector
- RIT specific equipment
- TAC stick (detects electricity from a distance)
- Landing zone strobes
- Multiple radios (800 mHz & VHF)
- Personnel accountability tracking board
- ICS vests
- Command post lighting (green light)

#### **Reserve Command Vehicle (C-11) 2004 Yukon XL**

- Command Reference Materials
- Tactical Surveys

#### **T-313 (E-9) 2004 Pierce Quantum SkyBoom**

- 61' Aerial
- 800 mHz & VHF radio
- Thermal imager
- Carbon monoxide detector
- Gas detector
- Laser point heat detector
- Tele-strut system for vehicle stabilization
- K-12 saw & Cutters Edge chain saw
- Basic rope rescue equipment
- Basic water rescue equipment
- Generator
- Hydraulic cutter, spreader, ram
- 750 gallon tank
- 1500 gpm pump
- Hose:
- 1000' 5"
- 200' 3"

- 100' 1 3/4", 150' 1 3/4", 200' 1 3/4", 200' 2" pre-connect
- 2 - 100' 2" high rise kit

### Station 1 Continued

#### **E-311 (E-13) 2010 Pierce Velocity Engine**

- 800 mHz & VHF radio
- Thermal imager
- Carbon monoxide detector
- Gas detector
- Hydraulic cutter, spreader, ram
- K-12 & Cutters Edge, Chain saw
- Basic rope rescue equipment
- Basic water rescue equipment
- 20 gallon AFFF Foam
- 800 gallon tank
- 1500 GPM Pump
- 1000' 5"
- 500' 3"
- 200' 2.5"
- 100' 1.75", 150' 1.75", 200' 1.75", 200' 2" pre-connect
- 2 - 100' 1.75" high rise

### Station 2

#### **E-321 (E-12) 2010 Pierce Velocity Engine**

- 800 mHz & VHF radio
- Thermal imager
- Carbon monoxide detector
- Gas detector
- Hydraulic cutter, spreader, ram
- K-12 & Cutters Edge, Chain saw
- Basic rope rescue equipment
- Basic water rescue equipment
- 20 gallon AFFF Foam
- 800 gallon tank
- 1500 GPM Pump
- 1000' 5"
- 500' 3"
- 200' 2.5"
- 100' 1.75", 150' 1.75", 200' 1.75", 200' 2" pre-connect
- 2 - 100' 1.75" high rise

## **Station 2 Continued**

### **E-322 (Reserve) E-7                      2001 Pierce Dash**

- 800 mHz & VHF radio
- Thermal imager
- Carbon monoxide detector
- Gas detector
- Laser point heat detector
- Hydraulic cutter, spreader, ram
- 10 gallon AFFF foam
- 1000 gallon tank
- 1500 gpm pump
- Hose:
- 1000' 5"
- 500' 3"
- 200' 2 ½"
- 100' 1 ¾", 150' 1 ¾", 200' 1 ¾", 200' 2" pre-connect
- 2 - 100' 2" high rise kit

### **Rehab 317                                      1991 Ford E-350 w/ bus conversion**

- To be used as a rehabilitation unit at extended operation scenes
- Large air conditioned seating area
- Large awning w/ seating
- Portable canopy
- 2 versa-mist cooler/fan (Fan powered mister)
- Several large ice coolers
- Refrigerator w/ cold beverages
- Generator

### **Station 3**

- |              |             |  |
|--------------|-------------|--|
| <b>E-331</b> | <b>E-11</b> | <b>2004 Pierce Quantum</b>                                 |
| ➤            |             | 800 mHz & VHF radio  |
| ➤            |             | Thermal imager   |
| ➤            |             | Carbon monoxide detector                                   |
| ➤            |             | Gas detector   |
| ➤            |             | Hydraulic cutter, spreader, ram                            |
| ➤            |             | Cutters Edge chain saw                                     |
| ➤            |             | Basic rope rescue equipment                                |
| ➤            |             | Basic water rescue equipment                               |
| ➤            |             | Generator  |
| ➤            |             | 20 gallon AFFF foam  |
| ➤            |             | 750 gallon tank  |
| ➤            |             | 1500 gpm pump  |
| ➤            |             | Hose:  |
| ➤            |             | 1000' 5"   |
| ➤            |             | 200' 3"  |
| ➤            |             | 100' 1 3/4", 150' 1 3/4", 200' 1 3/4", 200' 2" pre-connect |
| ➤            |             | 2 - 100' 2" high rise kit                                  |

### **Station 4**

- |              |            |  |
|--------------|------------|--|
| <b>T-343</b> | <b>E-8</b> | <b>2004 Pierce Quantum SkyBoom</b>                         |
| ➤            |            | 61' Aerial   |
| ➤            |            | 800 mHz & VHF radio  |
| ➤            |            | Thermal imager   |
| ➤            |            | Carbon monoxide detector                                   |
| ➤            |            | Gas detector   |
| ➤            |            | Laser point heat detector                                  |
| ➤            |            | Tele-strut system for vehicle stabilization                |
| ➤            |            | K-12 saw & Cutters Edge chain saw                          |
| ➤            |            | Basic rope rescue equipment                                |
| ➤            |            | Basic water rescue equipment                               |
| ➤            |            | Generator  |
| ➤            |            | Hydraulic cutter, spreader, ram                            |
| ➤            |            | 750 gallon tank  |
| ➤            |            | 1500 gpm pump  |
| ➤            |            | Hose:  |
| ➤            |            | 1000' 5"   |
| ➤            |            | 200' 3"  |
| ➤            |            | 100' 1 3/4", 150' 1 3/4", 200' 1 3/4", 200' 2" pre-connect |
| ➤            |            | 2 - 100' 2" high rise kit                                  |

## Station 5

- |              |  |
|--------------|--|
| <b>E-351</b> | <b>E-10            2004 Pierce Quantum</b>                 |
| ➤            | 800 mHz & VHF radio  |
| ➤            | Thermal imager   |
| ➤            | Carbon monoxide detector                                   |
| ➤            | Gas detector   |
| ➤            | Hydraulic cutter, spreader, ram                            |
| ➤            | Cutters Edge chain saw                                     |
| ➤            | Basic rope rescue equipment                                |
| ➤            | Basic water rescue equipment                               |
| ➤            | Generator  |
| ➤            | 20 gallon AFFF foam  |
| ➤            | 750 gallon tank  |
| ➤            | 1500 gpm pump  |
| ➤            | Hose:  |
| ➤            | 1000' 5"   |
| ➤            | 200' 3"  |
| ➤            | 100' 1 3/4", 150' 1 3/4", 200' 1 3/4", 200' 2" pre-connect |
| ➤            | 2 - 100' 2" high rise kit                                  |

- |                       |  |
|-----------------------|--|
| <b>E-352(Reserve)</b> | <b>E-6            1999 Pierce Dash</b>                     |
| ➤                     | 800 mHz & VHF radio  |
| ➤                     | Thermal imager   |
| ➤                     | Carbon monoxide detector                                   |
| ➤                     | Gas detector   |
| ➤                     | Laser point heat detector                                  |
| ➤                     | Hydraulic cutter, spreader, ram                            |
| ➤                     | K-12 saw & Cutters Edge chain saw                          |
| ➤                     | Basic rope rescue equipment                                |
| ➤                     | Basic water rescue equipment                               |
| ➤                     | 10 gallon AFFF foam  |
| ➤                     | 1000 gallon tank   |
| ➤                     | 1500 gpm pump  |
| ➤                     | Hose:  |
| ➤                     | 1000' 5"   |
| ➤                     | 500' 3"  |
| ➤                     | 200' 2 1/2"  |
| ➤                     | 100' 1 3/4", 150' 1 3/4", 200' 1 3/4", 200' 2" pre-connect |
| ➤                     | 2, 100' 2" high rise kit                                   |

### Staff Vehicles

➤ Chief	2007 GMC Yukon 4WD
➤ Fire Marshal	2004 GMC Yukon 4WD
➤ Deputy Chief	2004 GMC Yukon 4WD
➤ Training Director	2007 GMC Yukon 4WD
➤ Inspector	2004 GMC Envoy
➤ Inspector	2004 GMC Envoy
➤ Inspector	2004 GMC Envoy
➤ Inspector	2004 GMC Envoy
➤ Maintenance Vehicle/Bldg. Equip	2007 GMC Sierra Utility
➤ Fire Safety House	2002 Mobile Concepts
➤ Fire Safety House Tow Vehicle	2003 GMC Sierra Pick-up



## Total Responses

Listed below are the total responses for the year 2014. Each station is listed and the total impact for the year is indicated.

### Break Down of Responses for 2014

Structure Fires	71	Total Zone #1	1,754
Vehicle Fires	41	Total Zone #2	1,242
Brush Fires	59	Total Zone #3	746
Medical Calls	3,454	Total Zone #4	649
Other Fires / Haz-Mat	195	Total Zone #5	<u>426</u>
Service Calls	85		
Good Intent Calls	387	<b>Total Responses</b>	<b>4,817</b>
<u>Other Calls</u>	<u>525</u>		
<b>TOTAL</b>	<b>4,817</b>		

### Total Responses – Previous Years:

1993:	3,172	2004	4,405
1994:	3,352	2005	4,847
1995:	3,446	2006	4,725
1996:	3,457	2007	4,418
1997	3,323	2008	4,335
1998	3,329	2009	4,178
1999	3,332	2010	4,292
2000	3,720	2011	4,305
2001	4,247	2012	4,578
2002	4,252	2013	4,560
2003	4,507	<b>2014</b>	<b>4,817</b>

### **Proposed Five Year Acquisition Plan for Equipment**

In 2014 we ordered two (2) new Class A Fire Engines to replace a 1999 and a 2001 Class A Engines, they are to be delivered in March 2015. With our Vehicle Replacement Program we plan on replacing over the next 5 years staff vehicles, one service truck, a Ladder Truck, and an Engine. Additionally the Southern Manatee Fire Rescue District took over the responsibility of providing Hazardous Materials Response and in 2016 we plan on purchasing a Haz-mat Truck.

### **Proposed Five Year Construction and Renovation Plan**

#### **Completed Projects**

Starting in 2001, the District completed construction of Fire Station # 1, Fire Station # 2, (including a 900 Sq. Ft. Storage Building), Fire Station # 3, Fire Station # 4, Fire Station # 5 and the Administration Offices. The District has now completed our Capital Building Projects.

#### **Future Construction**

Construction of any future fire station will depend on the economic impact and emergency response demand as factored below:

- Numbers of emergency incidents and response times in the five existing response zones.
- Interconnecting roadways.
- Other fire jurisdiction's station locations with regard to mutual and automatic- aid response.
- Sufficient funding from impact fee reserves for building and equipment.
- Sufficient funding from the general fund for personnel and personnel related expenses.

Any remodeling or renovation of facilities that may be completed within the next five years would be funded through the normal budget process.

#### **Facility Replacement Within the Next Ten Years**

We do not anticipate that any facilities will need replacing for many years to come. However, ongoing facility study and analysis will determine the future needs of facility replacement, and if it is determined to replace existing facilities, the costs will be appropriately budgeted and addressed in the District's Strategic / Financial Plan.

#### **Projected Funding System for Future Sites, Equipment, and Building**

The primary source of funding for replacement of existing facilities and equipment is derived from tax assessments. In addition, the Southern Manatee Fire & Rescue District collects Impact Fees for new construction due to growth and the incumbent equipment needs.