

Southern Manatee Fire & Rescue



Public Facilities Report

2015

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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, 2016.

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

Attached in Exhibit #1 are the predominate types of land use located within the Southern Manatee Fire & Rescue District. This data comes directly from the Manatee County Property Appraiser's Office. Our total parcels for 2015 was 30,619. Exhibit #1 breaks down the parcels by land use codes.

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 15th 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 45th 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) and Mobile Data Terminal (MDT)
- Personnel accountability tracking board
- ICS vests
- Command post lighting (green light)

Reserve Command Vehicle (C-11) 2004 Yukon XL

- Command Reference Materials
- Tactical Surveys

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

- 800 mHz & VHF radio & Mobile Data Terminal (MDT)
- 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" hose
- 500' 3" hose
- 200' 2.5" hose
- 100' 1.75", 150' 1.75", 200' 1.75", 200' 2" pre-connect hose
- 2 – 100' 1.75" high rise hose kit
- Medical, Trauma, Oxygen kit, Battery powered suction unit, AED

Station 1 Continued

- E-312 (E-14) 2015 Pierce Impel Engine**
- 800 mHz & VHF radio & Mobile Data Terminal (MDT)
 - 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 with Class A foam system
 - 1000' 5" hose
 - 200' 3" hose
 - 100' 1 3/4", 150' 1 3/4", 200' 1 3/4", 200' 2" pre-connect hose
 - 2 - 100' 2" high rise hose kit
 - Medical, Trauma, Oxygen, Battery Powered Suction Unit, AED

- Haz-Mat 1 (HM-1) 1994 International**
- 800 mHz & VHF radio & Mobile Data Terminal (MDT)
 - Smith Detection Equipment
 - Leak and Spill Control Equipment
 - Level A, B, and C Protective Equipment
 - Decon Equipment
 - Chemical Testing Equipment

Station 2

- E-321 (E-15) 2015 Pierce Impel Engine**
- 800 mHz & VHF radio & Mobile Data Terminal (MDT)
 - 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 with Class A foam system
 - 1000' 5" hose

- 500' 3" hose
- 200' 2.5" hose
- 100' 1.75", 150' 1.75", 200' 1.75", 200' 2" pre-connect hose
- 2 – 100' 1.75" high rise hose kit
- Medical, Trauma, Oxygen kit, Battery powered suction unit, AED

Station 2 Continued

Reserve Engine

E-10 2004 Pierce Quantum

- 800 mHz & VHF radio & Mobile Data Terminal (MDT)
- 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
- Medical, Trauma, Oxygen kit, Battery powered suction unit, AED

Rehab 317

1991 Ford E-350 w/trailer

- 800 mHz & VHF radio
- 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

E-331 (E-11) 2004 Pierce Quantum

- 800 mHz & VHF radio & Mobile Data Terminal (MDT)
- 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
- 1000' 5" hose
- 200' 3" hose
- 100' 1 3/4", 150' 1 3/4", 200' 1 3/4", 200' 2" pre-connect hose
- 2 - 100' 2" high rise hose kit
- Medical, Trauma, Oxygen kit, Battery powered suction unit, AED

Station 4

T-343 (E-9) 2004 Pierce Quantum Sky-Boom Ladder Truck

- 61' Aerial Ladder
- 800 mHz & VHF radio & Mobile Data Terminal (MDT)
- 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
- 1000' 5" hose
- 200' 3" hose
- 100' 1 3/4", 150' 1 3/4", 200' 1 3/4", 200' 2" pre-connect hose
- 2 - 100' 2" high rise hose kit
- Medical, Trauma, Oxygen kit, Battery powered suction unit, AED

Reserve Ladder (E-8) 2004 Pierce Quantum Sky-Boom

- 61' Aerial Ladder
- 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
- 1000' 5" hose
- 200' 3" hose
- 100' 1 3/4", 150' 1 3/4", 200' 1 3/4", 200' 2" pre-connect hose
- 2 - 100' 2" high rise hose kit

Station 5

E-351 (E-12) 2010 Pierce Velocity Engine

- 800 mHz & VHF radio & Mobile Data Terminal
- 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" hose
- 500' 3" hose
- 200' 2.5" hose
- 100' 1.75", 150' 1.75", 200' 1.75", 200' 2" pre-connect hose
- 2 – 100' 1.75" high rise hose kit
- Medical, Trauma, Oxygen kit, Battery powered suction unit, AED

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 2015. Each station is listed and the total impact for the year is indicated.

Break Down of Responses for 2015

Structure Fires	83	Total Zone #1	1,879
Vehicle Fires	47	Total Zone #2	1,352
Brush Fires	24	Total Zone #3	731
Medical Calls	3,817	Total Zone #4	819
Other Fires / Haz-Mat	166	Total Zone #5	<u>530</u>
Service Calls	142		
Good Intent Calls	416	Total Responses	5,311
<u>Other Calls</u>	<u>616</u>		
TOTAL	5,311		

Total Responses – Previous Years:

1993	3,172	2005	4,847
1994	3,352	2006	4,725
1995	3,446	2007	4,418
1996	3,457	2008	4,335
1997	3,323	2009	4,178
1998	3,329	2010	4,292
1999	3,332	2011	4,305
2000	3,720	2012	4,578
2001	4,247	2013	4,560
2002	4,252	2014	4,817
2003	4,507	2015	5,311
2004	4,405		

Proposed Five Year Acquisition Plan for Equipment

In March 2015 we took delivery of two (2) new Class A Fire Engines that replaced a 1999 and a 2001 Class A Engines. In January 2016 the District ordered one (1) Class A Engine to replace a 2004 Engine and the District ordered four (4) new Inspector Vehicles. All vehicles being replaced had over 100,000 miles and/or are incurring high maintenance costs. With our Vehicle Replacement Program we plan on replacing over the next 5 years staff vehicles, one service truck, a Ladder Truck, and two more Class A Engines. Additionally the Southern Manatee Fire Rescue District took over the responsibility of providing Hazardous Materials Response in 2013 and in 2017-18 we plan on purchasing a Haz-mat Response Truck to replace the 1994 vehicle that was donated by the Manatee County Sheriff's Department.

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 their major 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 (10) 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 ad valorem tax and non-ad valorem assessments. In addition, the Southern Manatee Fire & Rescue District collects Impact Fees from new construction due to growth and various user fees.