

Radios and Maps

Radios and maps are necessary part of emergency services. Communication and the ability to respond to the correct location allow for all of the other working parts to come together. This chapter will briefly describe proper radio conduct, operations of radios, and how to use the city and county maps.

This chapter will be broken down into the following sections:

- 13.1** Basic Radio/Communications Operations
- 13.2** Portable radio operations
- 13.3** Mobile radio unit operations
- 13.4** Radio Channels and Zones
- 13.5** Maps and Mapping



Section 13.1

Basic Radio/Communications Operations

The most basic form of radio communication etiquette is the practice of communication by addressing the receiver and then advising that you are the sender. To put this more simply, follow the idea of:

“HEY YOU, IT’S ME.”

Or

“Dispatch, Medic 1.”

This is the correct way to initiate communications with a receiver, such as dispatch or another unit. After stating “Dispatch, Medic 1”, you shall proceed to wait for acknowledgment from the receiver, which should be “Medic 1”. Once this acknowledgment has been made, you may proceed with your radio traffic by saying something such as “Medic 1 is responding”. NEVER ASSUME that dispatch or another unit is listening to your traffic unless you have gained their verbal acknowledgment.

Try to be as clear and concise with radio traffic as possible, and make your transmissions as short as possible while still conveying the necessary information to the receiver.

MIC DISCIPLINE IS IMPORTANT!!

How you hold & speak into mic affects audio quality!!!

- DO**
- *Hold the microphone away from mouth*
 - *Let it dangle on its cord away from mouth*
 - *PTT the mobile mic at arm’s length*
- NOT!**
- *“Eat the mic”*
 - *Shout*
 - *Whisper*
 - *Aim microphone at areas of high noise*
 - *Cover the mic grill with your hand*



Portable Radio Operations

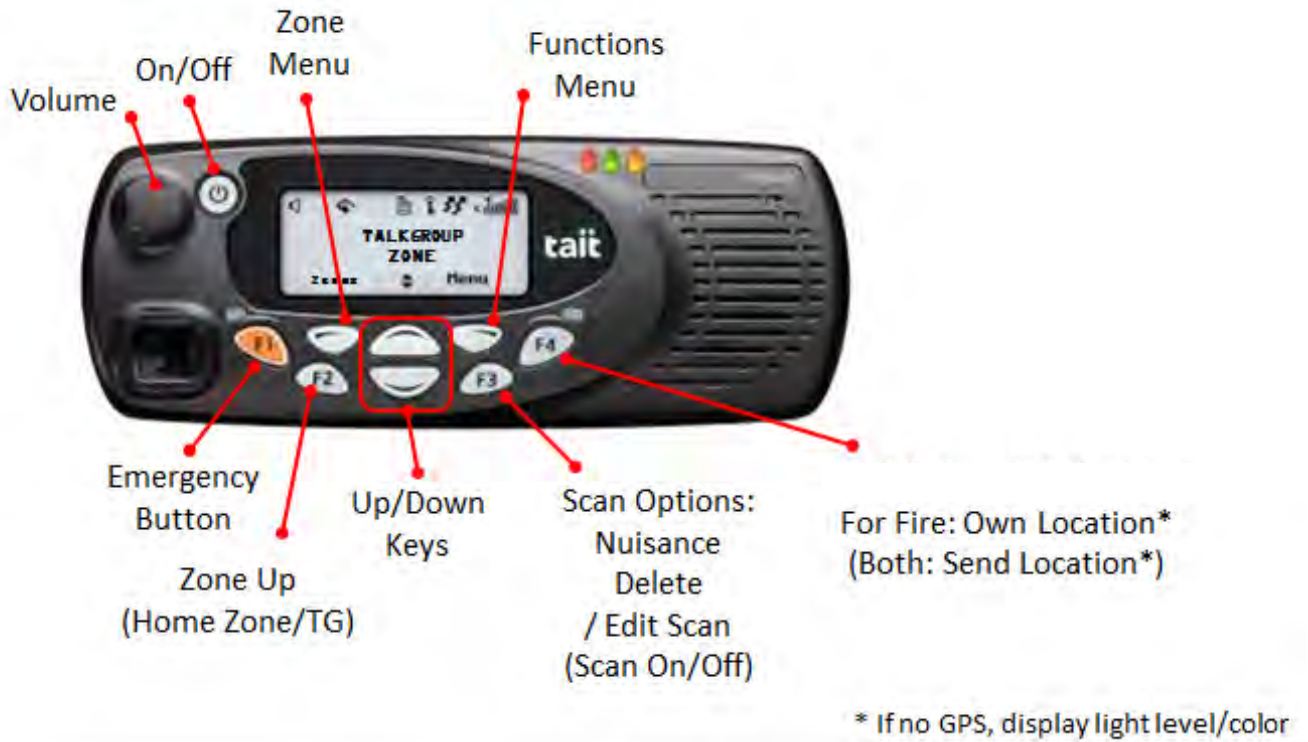
IF IN PARETHESIS THIS MEANS HOLD THE KEY



The layout of the radio's display screen is:



Mobile Radio Operations



IF IN PARETHESIS THIS MEANS HOLD THE KEY

Section 13.4

Radio Channels and Zones

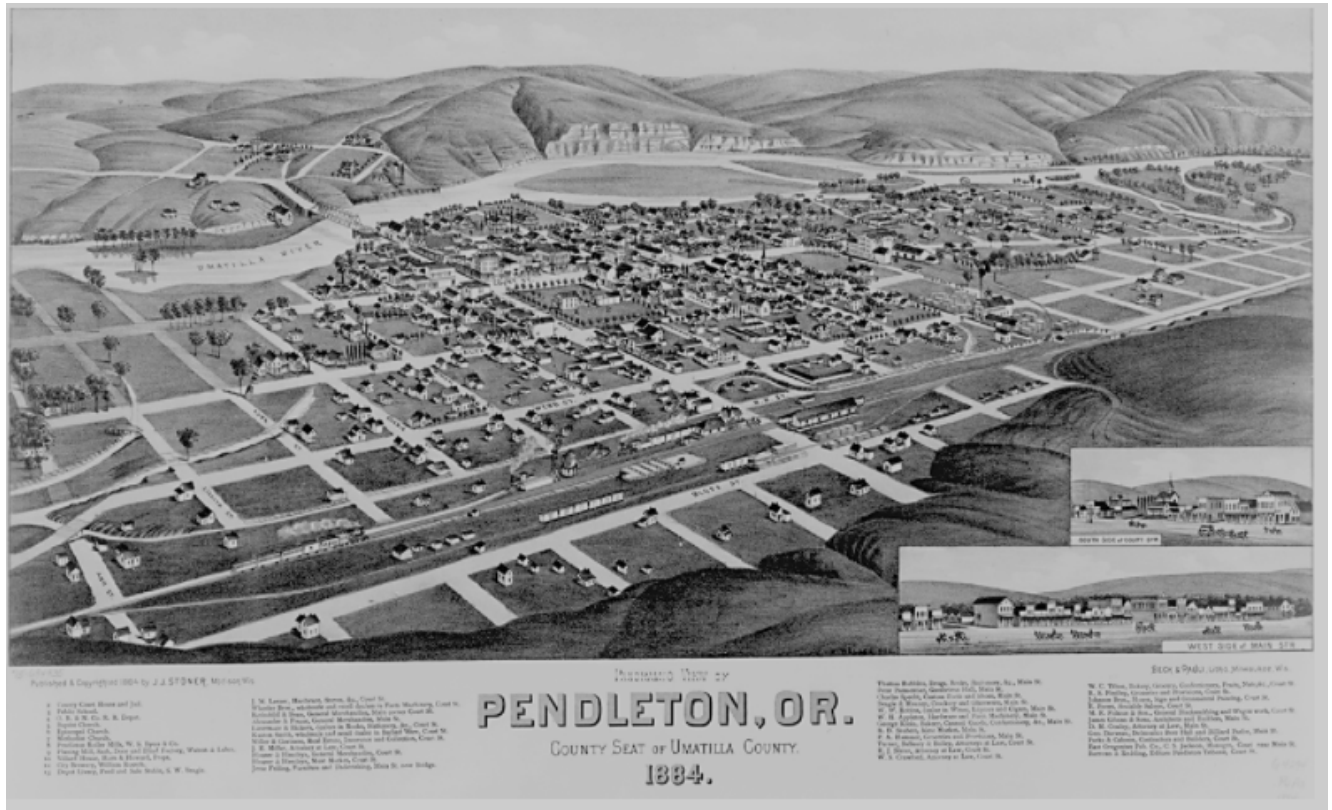
<p>ZONE 1 UCFIRE CM EMS OPS PEND FD UCFIRE T1 UCFIRE T2 UCFIRE T3 UCFIRE T4 UCFIRE T5 UCFIRE T6 UCFIRE T7 UCFIRE T8 NEON TRIBAL FD PEND PD PRFD DIR UC FIRE EMR</p>	<p>ZONE 2 MCFIRE CM BOARD FD IRRIGN FD IONE FD LEX FD HEPPNR RD MCFIRE T1 MCFIRE T2 MCFIRE T3 MCFIRE T4 MCFIRE T5 MCFIRE T6 MCFIRE T7 MCFIRE T8 MCFIRE T9 MCFIRE T10</p>	<p>ZONE 3 UCSO UCSO T1 UCSO T2 UCSO T3 STANF PD STANFPD T1 HERM PD HERM PD T1 HERM PD T2 UMAT PD UMATPD T1 UMATPD T2 UCLAW COM UMATPD T1 UMATPD T2 UCLAW COM</p>	<p>ZONE 4 UCSO UCSO T1 UCSO T2 UCSO T3 PEND PD PEND PD T1 PEND PFD T2 PLT RK PD TRIBAL PD TBL PD T1 EUC LE CM EUC LE T1 UC LAW COM</p>	<p>ZONE 5 TRAVEL UC FIRE COM EMS COM PEND FD ECHO FD UCFD1 PRIME UMATILLA FD PILOT ROCK FD TRIBAL FD EUC FD COM EUFR EUFR MED EUFR T1 EUFR T2</p>
PFD 12/2019				

<p>ZONE 6 UC FIRE T-1 UC FIRE T-2 UC FIRE T-3 UC FIRE T-4 UC FIRE T-5 UC FIRE T-6 UC FIRE T-7 UC FIRE T-8 UC FIRE T-9 UC FIRE T-10 UC FIRE T-11 UC FIRE T-12 HOSP COM GOOD SHEP</p>	<p>ZONE 7 MC LAW COM MC LAW T-1 MC LAW T-2 MC LAW T-3 BOARD PD BOARD PD T1</p>	<p>ZONE 8 CONT. MC FIRE T-10 HOSPITALS GOOD SHEP PIONEER MEM</p>	<p>ZONE 10 UMAT SD MORROW SD HERM SD PEND SD A-W SD</p>	<p>ZONE 12 UCALL 40D UTAC41D UTAC42D UTAC43D UCALL40R UTAC41R UTAC42R UTAC43R</p>
	<p>ZONE 8 MC EMS COM HEPP EMS LEX EMS IONE EMS BOARD EMS IRRIGON EMS MC FIRE T-6 MC FIRE T-7 MC FIRE T-8 MC FIRE T-9</p>	<p>ZONE 9 PW COMMON HERM PW STAN PW UMA CI PW IRRIGON PW BOARDMAN PW MORROW PD HEPPNER PW</p>	<p>ZONE 11 OSP UT1 OSP VARI ODOT BOMB RNG MAINT</p>	<p>ZONE 13 NEON RVRSID HS HERM HS PRFD DIR UMAT DIR CARNEY OHV PARK</p>

Section 13.5

Maps and Mapping

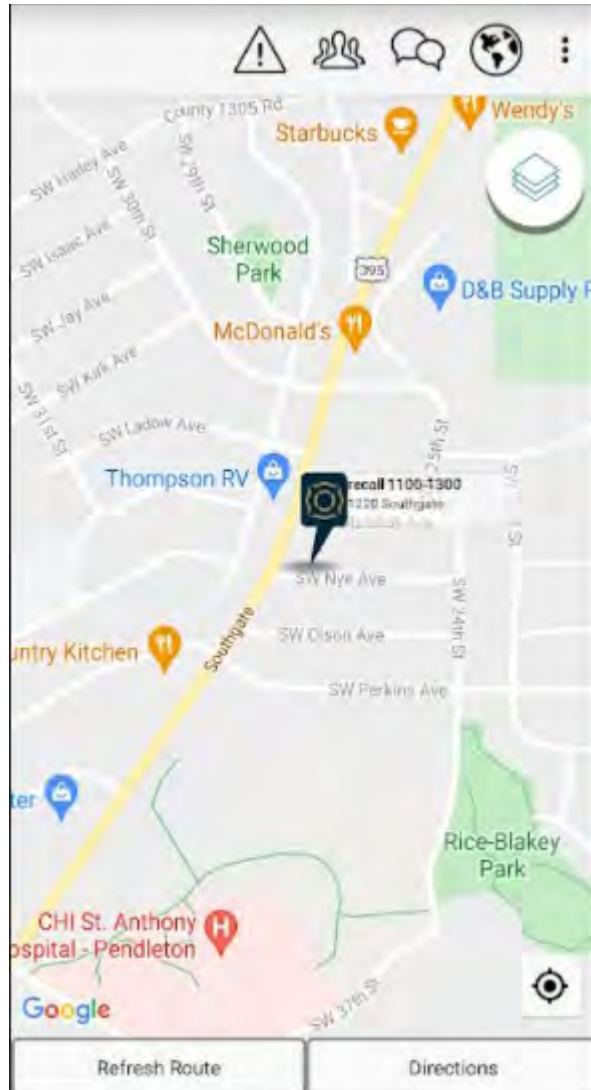
Maps and mapping are crucial to locating the scene of an incident, and furthermore knowing the obstacles and potentials when dealing with incidents such as motor vehicle accidents, structure fire, and wildland fire. One should always know alternate routes and directions to get to the scene of an emergency.



Although new technology and applications have allowed the fire service to rely more heavily upon electronics for mapping and directions, familiarity with the response areas is just as important. Electronic devices can and inevitably will fail. Knowing your area will make you a more confident firefighter and medical provider in the emergency setting.

ActiveAlert Mapping:

The ActiveAlert Mapping is provided through an app on the smart phone that also acts as a paging program for the Pendleton Fire Department. This mapping feature is usually accurate, but has proven to be inaccurate at times.



City Map:

The City of Pendleton map is fairly user friendly. Some important things to note; the Umatilla River is the North/South Divider for the City of Pendleton and Main Street is the East/West Divider for the City of Pendleton. Block numbers are associated with the letter of that street. With few exceptions, all streets in Pendleton are in alphabetical order, for example:

- Alexander Ave.
- Byers Ave.
- Court Ave.
- Dorion Ave.
- Emigrant Ave.

And so on.....

Streets that run East-West are alphabetical, and streets that run North-South are numerical, for example:

- 1st Street
- 2nd Street
- 3rd Street

And so on.....

The block numbers are associated with these names and numbers.

Alphabetical:

A= 0-99

B=100-199

C=200-299

D=300-399

E=400-499

Numerical:

Main Street= 0-99

1st= 100-199

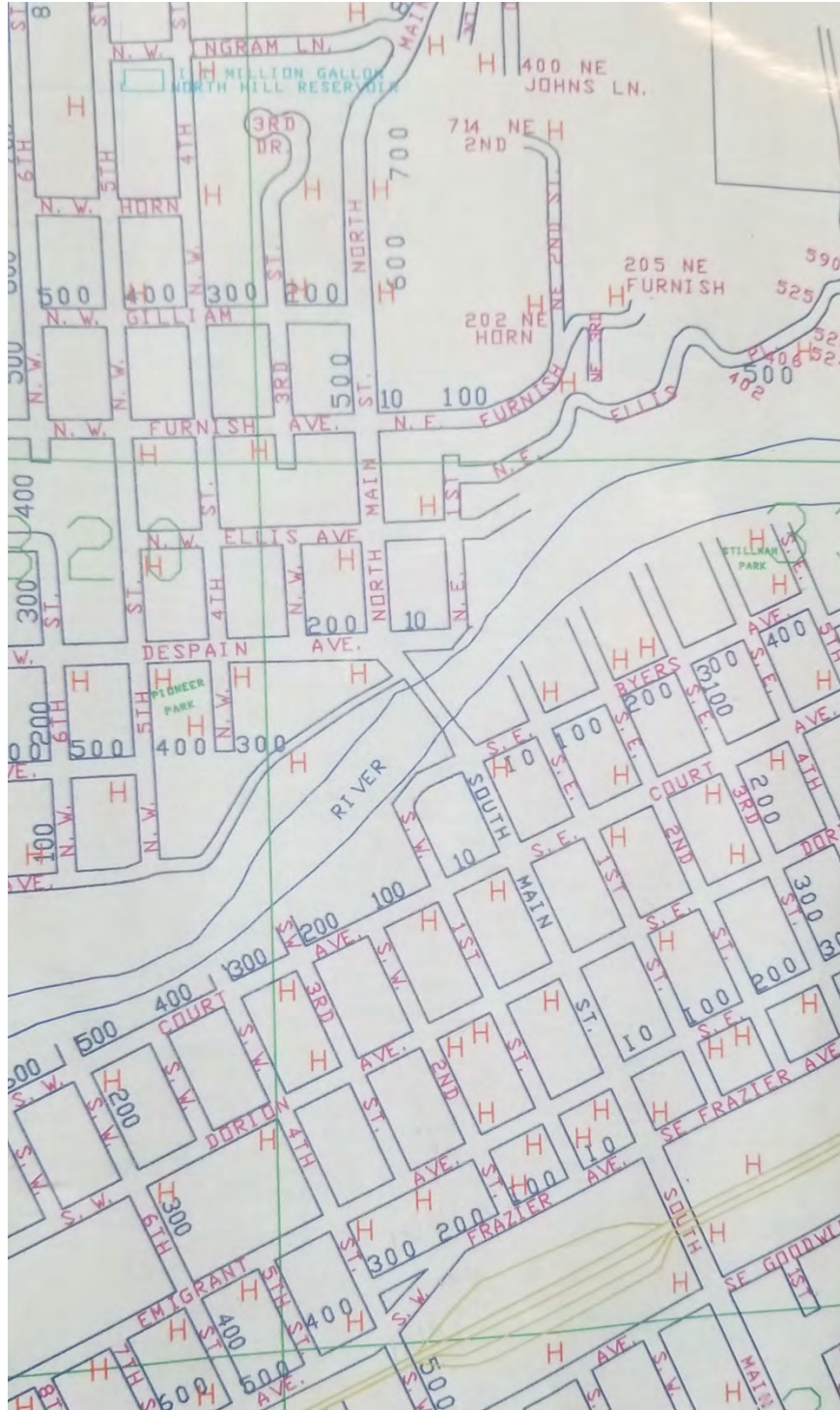
2nd=200-299

3rd=300-399

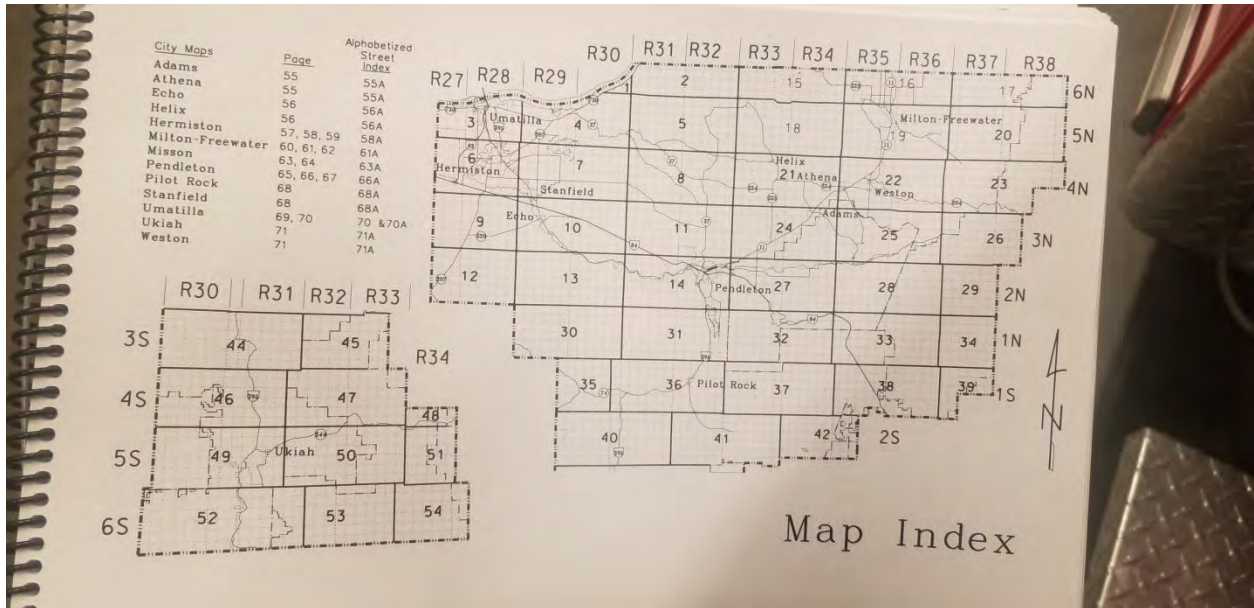
4th=400-499

An example would be that 450 SW 8th Street is between SW Emigrant Ave. and SW Frazier Ave. on SW 8th Street, and is located south of the Umatilla River and West of Main Street.

The map below shows an example of block numbers and streets with the river being the North/South Divider and Main Street being the East/West Divider.



County Map Book- The county map book is essential for locating addresses and roads outside of the City of Pendleton. There is a map index in the front of the book as shown below, and there is also the ability to look up specific roads by name in the rear of the book. Each town has its own page as well such as Athena, Weston, Ukiah, Pilot Rock, etc. Becoming familiar with how to use the County map book is absolutely necessary for correct response in outlying areas of the ambulance service area, etc.



Back of book showing the index for roads by name, with page numbers, Region, Section, Area, etc.

Area	Rd C	Road Names	Rd#	Pg	Rg	Sec	Area	Rd C	
Ad	Pvt	Rosebud Ln		61		25	M-F	Pvt	Scheu
Um	Pvt	Rosenberg Rd	1337	9	28	14	E	CoRd	Schiev
Hx	Pvt	Ross Hill Rd	735	25	35	7	At	CoRd	Schmi
Res	CoRd	Ross Ln		57		6	Hr	Pvt	Schoo
M-F	CoRd	Ross Rd	1046	37	34	6	M	CoRd	Schoo
Um	City	Roth Ln		60		21	M-F	Pvt	Schri
Hx	Pvt	Rothrock Rd	857	24	34	6	Ad	CoRd	Schro
Hr	Plat	Roumagoux Rd		35	30	10	P-R	Pub	Schub
Res	CoRd	Roxbury Rd	1292	69		11	Um	CoRd	Schul
Res	CoRd	Royce Ln		59		8	Hr	Plat	Scien
Hr	Plat	Ruby Bluff		15	2	18	Hx	Pvt	Scott
P	Plat	Ruby Dr		57		5	Hr	Pvt	Seege
Um	Plat	Ruby Ln		60		26	M-F	Pvt	Seibe
Hr	Pvt	Rudder Ln		59		21	Hr	Pvt	Seren
Hr	Pvt	Rugg Rd	893	2	32	22	Hx	CoRd	Servic
P	CoRd	Runnion Ave		65A		15	P	City	Sever
Um	Plat	Runnion Ct		65A		21	P	City	Sever
P	City	Runnion Dr		65A		15	P	City	Seym
P	CoRd	Runnion Ln		65A		15	P	City	Shad
P	CoRd	Runnion Pl		65A		15	P	City	Shafe
P	CoRd	Russell Ln		23A	37	26	W	Pvt	Shan
Hr	CoRd	Russell St		62		2	M-F	City	Shan
Um	CoRd	Russell Way		2	37	21	Hx	Pvt	Shan
Um	CoRd	S Ave (SW)		59		19	Hr	Plat	Shari
Hr	CoRd	Saager St		62		2	M-F	City	Shaw
W	CoRd	Saddle Mtn Rd		17	37	20	M-F	Pub	Shaw
M-F	CoRd	Sage Ct		59		16	Hr	City	Shaw
Hx	CoRd	Sage Dr		59		16	Hr	City	Shea
Hx	CoRd	Sage Hen Ave		70		20	Um	City	Shelle
Hx	CoRd	Sage St		69		17	Um	City	Sheo
Res	CoRd	Sagebrush Rd	1269	58		35	Hr	CoRd	Sheri
M-F	City	Saint Andrews Rd	931	27	33	24	Res	CoRd	Sheri
Hr	City	Salmon Point Ln		4	29	15	Hr	Pvt	Sherr
Um	City	Samantha St		58		10	Hr	City	Sherr
M-F	Pvt	Sammy Ln		55		3	Ad	City	Sheti
Hr	Plat	Sampson Ln		64		11	Res	Pvt	Sheyl
Um	Plat	Sams Rd	621	22	35	2	M-F	CoRd	Shiek
Um	Plat	Sand Hollow Rd	745	55		33	Ad	CoRd	Shoo
Res	Pvt	Sand Hollow Rd	825	56		11	Hx	CoRd	Short
P-R	CoRd	Sanders Rd	724	18	34	21	Hx	CoRd	Show
P-R	CoRd	Sandhole Rd	871	5	32	10	Hx	CoRd	Simp
P	Pvt	Sandpiper Ave		58		15	Hr	City	Simp
E	CoRd	Sandpiper Ln		57		32	Hr	Pvt	Sjore
Um	Pvt	Sandstone Ave		58		12	Hr	City	Skye
M-F	Pvt	Sandy Dr		59		16	Hr	City	Skyli
W	Pvt	Sandy Ln		58		1	Hr	City	Skyli
S	City	Sandy Pl		59		16	Hr	City	Skyli
Um	Plat	Sasha Ct		65A,B		18	P	City	Skyvi
S	Pvt	Sater Ct		58		14	Hr	City	Sloar
S	City	Savage Ln		23A	37	35	W	Pvt	Sloar
M-F	Pub	Saylor Rd		9	27	36	E	Pvt	Smith
M-F	Pvt	Scaplehorn Rd	1286	69		16	Um	CoRd	Smith

Misc. Maps

There are some other maps and map books that can be helpful such as response area maps, national forest maps, and area maps for things such as specific apartment complexes, nursing homes, etc. Pre fire plan maps are also necessary.

