

STFD
Fire Services Guidance Committee

Issues and Options

11/02/2022

Issues to be Addressed

1. Meet 2-in/2-out requirement
2. Achieve a response-time goal of 6 minutes, 90% of the time
3. Add Training Officer to Administrative staff
4. ISO rating reduction from 6/10 to 4 with a goal of 3
5. Ability to license for Basic Life Support (BLS) transport
6. Ability to license for Advanced Life Support (ALS) transport

Current Operations

Zeeb Road - understaffed

- 9 FTEs in Emergency Response Staff (ERS) -3/3 per shift, 3 shifts
 - 3 Captains (Capt), 3 Lieutenants (LT), 3 Firefighters (FF)
- 5 part time FF (.33FTE)
- 1.5 Administrative Staff
 - Fire Chief (FC), .5 Administrative Assistant (AA)
- 1 Prevention Staff
 - Assistant Chief (AC)/Fire Marshall (FM)
- Able to minimally staff 1 apparatus (60%) or 1 apparatus and rescue (40%)

Current Operations Deliverables and Performance

Performance metrics

Issue	Zeeb	
2in/2out	35%	
6 Min resp	40%	
TO	No	
ISO	5/10	
BLS	No	
ALS	No	

- 4 mutual aid companies for structure fire
- Can handle 1 medical
- Can handle 1 Motor Vehicle Accident but short staff
- 1-2 mutual aid companies for extrication
- 2-3 mutual aid companies for tractor trailer fire
- Can handle 1 vehicle fire but short staff

Cost: \$2,218,000

1.35 Mills

Possible Options to bring STFD into NFPA Compliance

Each Option could be viewed as a Step to a complete
and fully staffed Fire and Rescue Department

Minimally, 5 years to completion

Option 1

Fully Staff Zeeb

- 12 in ERS - 4/4 per shift, 3 shifts
 - 3Capt, 3LT, 6FF
- Maximum building capacity: 4 ERS per shift
- 3 Administrative Staff
 - FC, Training Officer (TO), AA
- 1.5 Prevention Staff
 - AC/FM, .5 Fire Inspector (FI)
- Able to staff 1 apparatus and rescue (4)

Option 1

Deliverables and Performance

Performance metrics

Issue	Zeeb	
2in/2out	90%	
6 Min resp	40%	
TO	Yes	
ISO	5/10	
BLS	Yes	
ALS	NO	

- 4 mutual aid companies for structure fire
- Can handle 2 medicals
- Can handle 1 MVA but short staff
- 1-2 mutual aid companies for extrication
- 2-3 mutual aid companies for tractor trailer fire
- Can handle 1 vehicle fire but short staff

Cost: \$2,640,000

1.6 Mills

Option 1.5

Fully Staff Zeeb add extra rescue personnel

- 18 in ERS - 6/6 per shift, 3 shifts
 - 3Capt, 3LT, 12FF
- Maximum building capacity: 4 ERS per shift
 - No room for temp accommodations-trailer, would likely involve expanding building upwards
- 3 Administrative Staff
 - FC, Training Officer (TO), AA
- 1.5 Prevention Staff
 - AC/FM, .5 Fire Inspector (FI)
- Able to staff 1 apparatus (4) and rescue (2)

Option 1.5

Deliverables and Performance

Performance metrics

Issue	Zeeb	
2in/2out	100%	
6 Min resp	40%	
TO	Yes	
ISO	5/10	
BLS	Yes	
ALS	Yes- future	

- 4 mutual aid companies for structure fire
- Can handle 2 medicals
- Can handle 1 MVA
- 1 mutual aid companies for extrication
- 1-2 mutual aid companies for tractor trailer fire
- Can handle 1 vehicle fire

Cost: \$3,719,746

2.48 Mills

Wagner Station

- The following 3 options require a second station
- Township owns 10 acres on Wagner, south of Liberty
- Can be designed, built, equipped, and staffed in 2 – 3 years
- Cost: \$7m to \$9m
- Maximum capacity 9 ERS?
- Provides for:
 - Administration office
 - Possible overflow dorm
 - 3 apparatus bays

Option 2

2 stations, staff for 1 additional apparatus

- 24 in ERS - 7/8 per shift, 3 shifts
 - 3 Battalion Chiefs (BC), 6LT, 15FF
- 3 Administrative Staff
 - FC, TO, AA
- 1.5 Prevention Staff
 - AC/FM, .5FI
- Zeeb staffs 1 apparatus and BC (4)
- Wagner staffs 1 apparatus (3)
- Rescue available if fully staffed (8)

Option 2

Deliverables and Performance

Issue	Zeeb	Wagner
2in/2out	90%	10%
6 Min resp	Yes	Yes
TO	Yes	Yes
ISO	3/4	3 /4
BLS	No	No
ALS	No	No

Performance metrics

3 mutual aid companies for structure fire
Can handle 2 medical calls
Can handle 1 MVA
Can handle 1 extrication
1 mutual aid company for tractor trailer fire
Can handle 1 vehicle fire

Cost: \$4,451,000

2.7 Mills

Option 3

2 Stations, staff for 2 apparatus and rescue

- 33 in ERS - 9/11 per shift, 3 shifts
 - 3BC, 6LT, 24FF
- 3 Administrative Staff
 - FC, TO, AA
- 2 Prevention Staff
 - AC/FM, FI
- Zeeb staffs 1 apparatus and BC (4)
- Wagner staffs 1 apparatus and rescue (5)

Option 3

Deliverables and Performance

Issue	Zeeb	Wagner
2in/2out	100%	90%
6 Min resp	Yes	Yes
TO	Yes	Yes
ISO	3/4	3 /4
BLS	Yes	Yes
ALS	Yes	Yes

Performance metrics

- 2 mutual aid companies for structure fire
- Can handle 3 medical calls
- Can handle 2 MVA's
- Can handle 1 extrication
- Can handle 1 tractor trailer fire
- Can handle 1 vehicle fire

Cost: \$5,739,000

3.5 Mills

Option 4

2 stations, staff for 3 apparatus and rescue

- 45 in ERS - 12/15 per shift, 3 shifts
 - 3 BC, 9LT, 33FF
- 3 Administration Staff
 - FC, TO, AA
- 2 Prevention Staff
 - AC/FM, FI
- Zeeb staffs 1 apparatus and BC (4)
- Wagner staffs 2 apparatus and rescue (8)

Option 4

Deliverables and Performance

Issue	Zeeb	Wagner
2in/2out	100%	100%
6 Min resp	Yes	Yes+
TO	Yes	Yes
ISO	2/3	2/3
BLS	Yes	Yes
ALS	Yes	Yes

Performance metrics

- 1 mutual aid company for structure fire
- Can handle 4 medicals
- Can handle 2 MVA's
- Can handle 2 extrications (short on 2nd)
- Can handle 1 tractor trailer fire
- Can handle 2 vehicle fires (short on 2nd)

Cost: \$7,425,000

4.5 Mills

Possible Recommendation

- Request 4.5 mills in November of 2024
- Only assess what is needed to grow the service
- Year 1 – 2025: fully staff Zeeb and begin Wagner design (1.6 – 2.0 mills)
- Year 2 – 2026: begin Wagner build (2 – 2.5 mills)
- Year 3 - 2027: partially equip and staff Wagner (2.5 – 3 mills)
- Year N – Fully equip and staff Wagner station – (4.5)

Cost to Scio's Homeowners

	Home TV:	\$150,000	\$200,000	\$250,000	\$300,000	\$350,000	\$400,000	\$450,000
Mills:	1.35	\$203	\$270	\$338	\$405	\$473	\$540	\$608
	1.6	\$240	\$320	\$400	\$480	\$560	\$640	\$720
	2.7	\$405	\$540	\$675	\$810	\$945	\$1,080	\$1,215
	3.5	\$525	\$700	\$875	\$1,050	\$1,225	\$1,400	\$1,575
	4.5	\$675	\$900	\$1,125	\$1,350	\$1,575	\$1,800	\$2,025