

Town of Colchester, Connecticut

127 Norwich Avenue, Colchester, Connecticut 06415

**Agenda
Joint Board Meeting
(Board of Selectmen and Board of Finance)
Wednesday, April 18, 2018 at 7pm
Colchester Town Hall
Meeting Room 1**

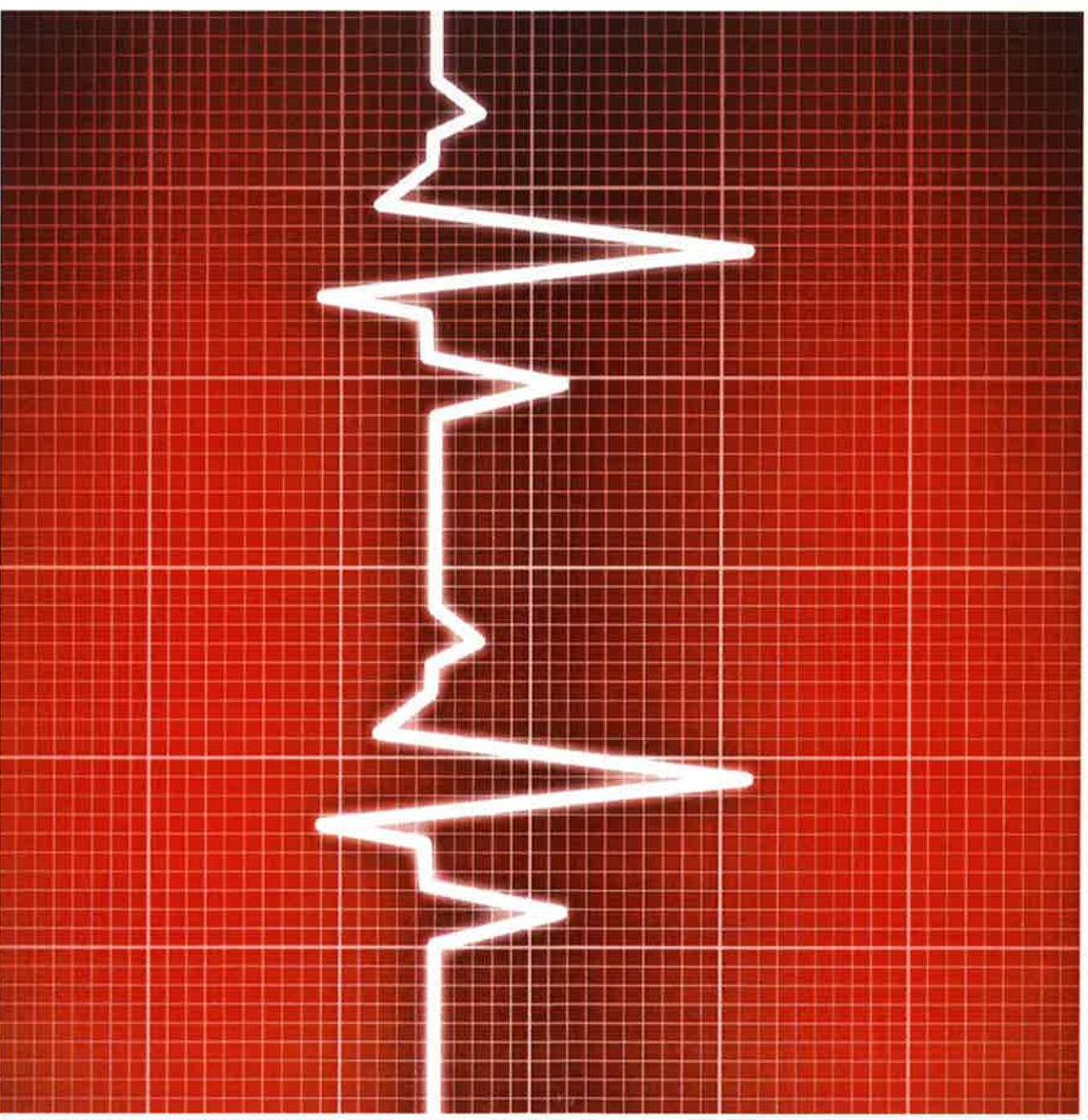
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COLCHESTER, CT
2018 MAR 26 PM 1:07

1. Call to Order
2. Presentation on Paramedic Program by Laura Steinmeyer
3. Citizens' Comments
4. Adjournment

Paramedicine

WHY COLCHESTER NEEDS
ADVANCED LIFE SUPPORT (ALS)

March 21, 2013



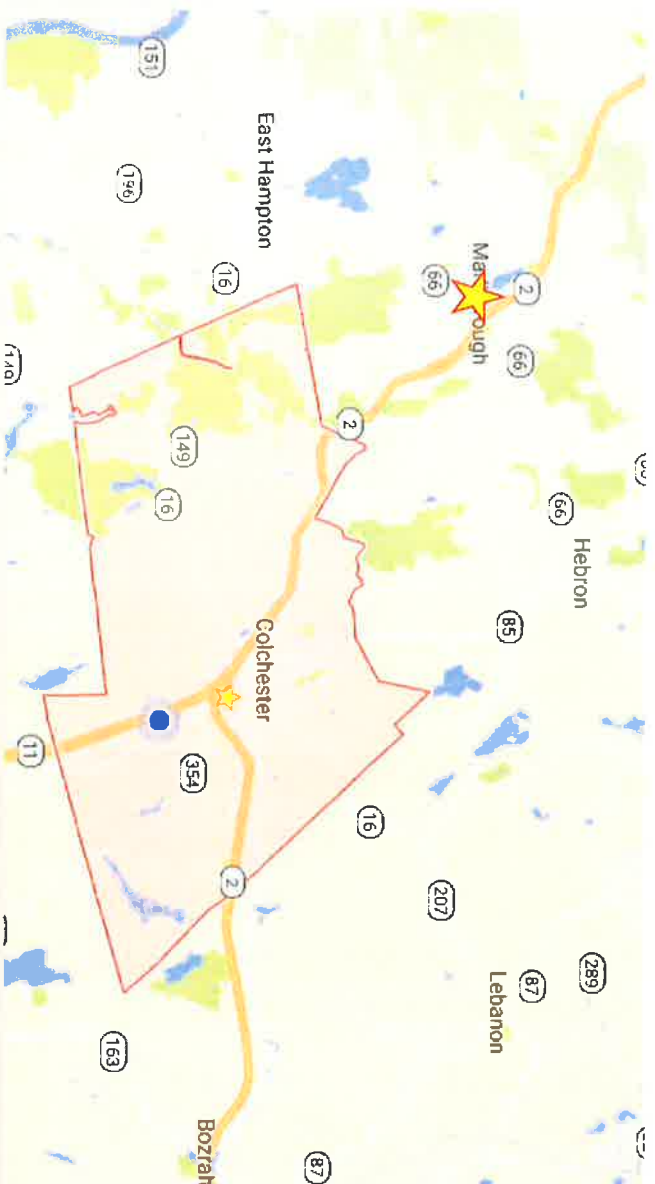
What we currently offer

Basic Life Support Services (BLS)

- Emergency Medical Responder
- Emergency Medical Technician

Arrange for needed Advanced Life Support (ALS) services through agreements with nearby providers... **when available.**

Current ALS Services



- **Skills**
 - Advanced Medical/Trauma Assessments
 - Pain Control and Many Medications
 - Intravenous and Intraosseous Access
 - Manual Pacer / Defibrillator use
 - Cardiac Monitoring & EKG interpretation
 - Basic Surgical Procedures (airway)
 - Intubation
 - Fluid Resuscitation
- **Training**
 - 4 semesters
 - 35+ hours every year



**Advanced Life
Support**

licensure

Why a paramedic might be just what you need.

Something as simple as a diabetic issue can better be handled by a paramedic.

If your blood sugar is too low and 911 is called early enough an EMT can give oral glucose.

But if your blood sugar is too low only intravenous dextrose and/or a hormone injection will help. And only a paramedic can administer these medications before the hospital.

And one more.

You have never had kidney stones before. But you are pretty sure you have one now. You are in 10/10 pain and curled up in a ball on the floor but you can't lie still because it hurts too much.

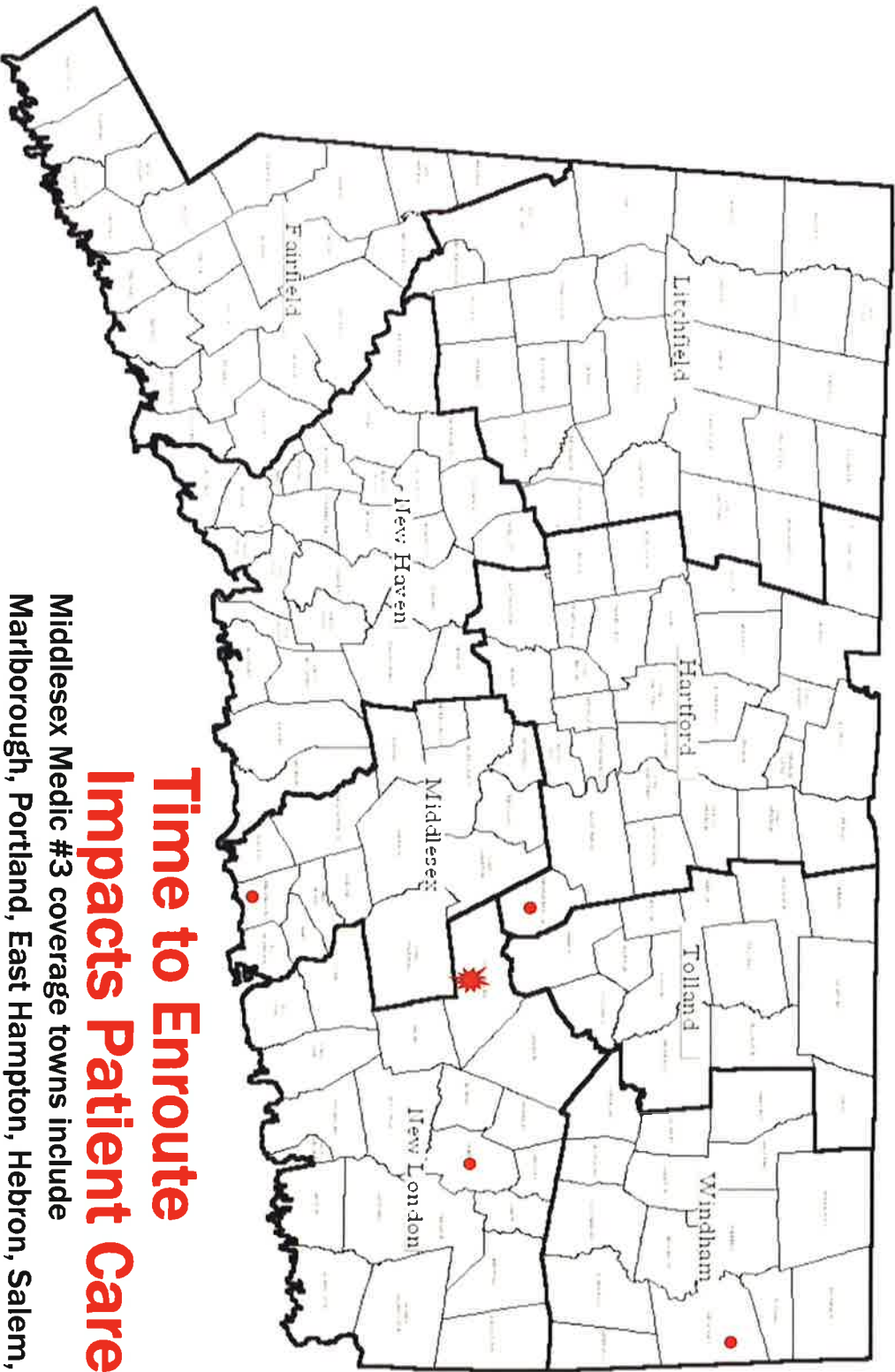
An EMT can come and help you onto the stretcher and take you to the hospital. But you will be in pain for the entire (bumpy) trip. While it may only be 9-14 miles it will feel like 100.

But a paramedic can give you pain medications like fentanyl or morphine or midazolam to help with pain. And they can start an IV and fluids to help start to flush your kidneys and reduce the amount of time at the hospital before you can receive treatment.

Average Response Times

Unit	Location	Average Response Time
Middlesex	Marlborough	11:00
American	Norwich	11:45
CHFD	Colchester	5:59

Time from Enroute to On Scene From 11/1/2016 - 4/30/2017



Time to Enroute Impacts Patient Care

Middlesex Medic #3 coverage towns include
Marlborough, Portland, East Hampton, Hebron, Salem,
Colchester, parts of Hebron and Haddam.

REVENUE & EXPENSES

- **Minimal** \$374,018
Half Time (paid) EMS Chief for QA/QC reviews.
Medical oversight, narcotics management, training coordinator
- **Acceptable** \$430,138
Full Time (paid) EMS Chief
- **Optimal** \$505,138
Paramedic Fly Car with Gear and Medications

* See Appendix I for details

Estimated Expenses



Cost of Implementation*

	MINIMAL	ACCEPTABLE	OPTIMAL
Revenue	351,531	351,531	351,531
Expenses	374,018	430,138	505,138
Cost to Implement	<u>22,487</u>	<u>78,607</u>	<u>153,607</u>

* Does not include initial start up costs.

- Procure Medical Control ... Arranged
- On site narcotics license... Obtained
- Mutual aid agreements... In Process
- Town Approval... end of April
- Town Funding... May 22 referendum
- State of CT Authorization... July 2018
- 24 x 7 x 365 Coverage ... Aug 2018
- Full Implementation... Fall 2018

**Implementation
Time Frames**

REVENUE PROJECTIONS Post Paramedic Implementation

2018 Rates

Payor	# Of Calls	Base Rate	Per Mile	Total Mile		Total for Year		
				Charge Per	Total Per Call			
Medicare	ALS							
776	BLS	466	\$454.75	\$7.09	\$92.17	\$546.92	\$254,619.70	0.61
		310	\$382.94	\$7.09	\$92.17	\$475.11	\$147,458.94	
Medicaid	ALS							
140	BLS	57	\$317.30	\$2.88	\$37.44	\$354.74	\$20,350.44	0.11
		83	\$267.20	\$2.88	\$37.44	\$304.64	\$25,148.88	
Private / 3rd	ALS							
356	BLS	178	\$1,149.00	\$15.13	\$196.69	\$1,345.69	\$239,640.48	0.28
		178	\$726.00	\$15.13	\$196.69	\$922.69	\$164,312.64	
Total # ALS Calls		701						
Total # BLS Calls		571						
			Total Calls	1272			0.5511	
Total ALS Billable								
Total BLS Billable								
Total Billable								
Total Projected								

Assumptions for Projection

Average Miles Per Call 13

Rates are Constant for Year

Payor Break Down estimated

Uncollectable Rate after Allowanc 9%

Contractual Allowances	
Medicare	ALS
	\$371,868.97
Medicare	BLS
	\$138,914.51
Medicaid	ALS
	\$56,848.03
Medicaid	BLS
	\$51,021.76
Total Allowances	
	\$618,653.27

1/3/18 adj'd private pay rates for OEMS 2018 allowable 1272 (+ 60 over previous)

3/14/2018 adj'd #calls for 2017 actual

health ins €

16129 = (14247 + 18011) / 2