

June 14, 2021

Town of Candia
Road Agent's Report
Month of May 2021

Summary of Work:

- Cut Problem trees
- Patching as needed
- Coordinated for upcoming Road work starting 9 July

Jeff Wuebbolt
Road Agent

CANDIA POLICE DEPARTMENT
ACTIVITY 4/16/2021 to 5/13/2021

During this period, the Candia Police Department issued 94 motor vehicle warnings and 3 summons'.

Arrests:

5/1/21 63 year-old female from Candia, protective custody (Drunkenness)

CANDIA POLICE DEPARTMENT
ACTIVITY 5/14/2021 to 6/10/2021

During this period, the Candia Police Department issued 108 motor vehicle warnings and 10 summons'.

5/14/21	Eugene R. Fitzgerald, age 51, Raymond, NH	Breach of Bail
5/15/21	Cassie J. Healy, age 29, Candia, NH	DV;Simple Assault
5/19/21	Luke J. Foster, age 20, Manchester, NH	Loitering
5/27/21	Ross Lavoie, age 33, Candia, NH	Breach of Bail, Stalking
5/28/21	Robert F. Crocker, age 50, Nashua, NH	Simple Assault, Crim. Mischief, Reckless Operation

Offense Listing

01/01/2021 - 05/31/2021

Offenses (State Law) By Month

	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>TOTALS</u>
Sexual Assault - Sexual Contac	0	0	1	0	0	1
Simple Assault; Physical Conta	0	1	0	0	0	1
DV; Simple Assault; Physical C	0	0	0	0	1	1
Criminal Threatening - conduct	0	0	1	0	0	1
Burglary Class A Felony	0	0	0	0	1	1
Burglary - Night / Home / Weap	1	0	0	0	0	1
Theft by Unauthd Taking \$0-\$10	1	1	1	1	0	4
Theft by Unauthd Taking Firearm	0	1	0	0	0	1
Attempt To Commit	1	0	0	0	0	1
Theft by Unauthd Taking \$0-\$10	0	0	1	1	1	3
Attempt To Commit	0	0	1	0	0	1
Credit Card Fraud, \$0-\$1000	1	0	0	0	0	1
Identity Fraud; Pose as Anothe	3	0	0	0	0	3
Identity Fraud; Obtain Persona	1	0	0	0	0	1
Identity Fraud; Obtain Info fo	1	0	0	0	0	1
Identity Fraud; Pose to get In	1	0	0	0	0	1
Recv Stolen Prop; \$1501+	0	0	1	0	0	1
Criminal Mischief	2	0	0	2	0	4
Criminal Mischief	1	0	0	1	0	2
Criminal Mischief	0	0	1	0	0	1
Cntrl Drug: Sched 1 - 4; Posse	0	0	1	0	0	1
Loitering or Prowling	0	0	0	0	1	1
DUI - impairment	0	0	0	2	0	2
PROTECTIVE CUSTODY OF INTOXICA	0	0	0	0	1	1
Protective Custody - Alcohol	1	0	0	0	0	1
Rubbish	0	0	0	0	1	1
ILLEGAL DUMPING / LITTERING CO	0	1	0	0	2	3
Violation of Protective Order	0	1	0	0	0	1
Conduct After; Property Damage	0	0	0	1	1	2
Violation of Restraining Order	0	0	0	0	1	1
Procuring Dog License; Tag	0	6	0	0	1	7
Dog; Menace, Nuisance, Vicious	1	1	0	0	0	2
BENCH WARRANT-ELECTRONIC	0	0	1	1	1	3
Breach of Bail Conditions	0	0	0	0	1	1
Arrest Without a Warrant (Fugi	1	0	0	0	0	1
2nd Degree Assault; SBI- Domes	0	0	1	0	0	1
Simple Assault; BI	0	0	1	0	0	1
Reckless Conduct	1	0	0	1	0	2
Financial Exploitation; \$1500+	0	0	0	0	1	1
Harassment	2	0	3	0	0	5
DOG RUNNING AT LARGE-Candia T.	0	0	0	0	2	2
ARREST ON ANOTHER AGENCY'S WAR	0	0	0	0	1	1
License Req'd; Op w/o Valid Lic	0	0	0	1	0	1
Conduct After Accident	0	1	1	0	0	2
Negligent Driving	0	1	0	0	0	1
Arrest on Warrant	1	0	0	0	1	2
TOTALS	20	14	15	11	13	73

Records Analysis Report
01/01/2021 - 05/31/2021

No Crime Incident Event Breakdown

Event	Description	Total	3
		0	00.0
911	911 Hang Up	0	00.0
AIM	Aided Motorist	0	00.0
AL	Alarm	0	00.0
BEA	Beas Investigation	2	01.1
CC	Citizen's Complaint	0	00.0
CF	Dog License Civil Forfeiture	0	00.0
CIN	Child In Need Of Services	0	00.0
CIV	Civil Standby	0	00.0
COM	Community Outreach	0	00.0
CP	Community Policing	3	01.6
DCI	Dcyf Investigation	1	00.5
DEE	Put Down Injured Animal	0	00.0
DOG	Dog At Large / Loose Dog	1	00.5
FIN	Fingerprinting	6	03.2
FPR	Found Property	0	00.0
IA	Internal Affairs Investigation	2	01.1
IEA	Involuntary Emergency Hospitalization	2	01.1
JUV	Juvenile Complaint	0	00.0
MED	Medical Call	1	00.5
MVC	Motor Vehicle Complaint	1	00.5
NC	Noise Complaint	0	00.0
NDT	National Drug Take Back	3	01.6
NED	Neighbor Dispute	0	00.0
NO	Notification	1	00.5
NTO	No Trespass Order	1	00.5
OD	Drug Overdose	0	00.0
OF	Fatal Overdose	0	00.0
OHR	Ohrv Complaint	1	00.5
PDB	Prescription Drug Box	0	00.0
RAD	Radar Enforcement	0	00.0
RH	Road Hazard	0	00.0
RPO	Return Property To Owner	2	01.1
SC	Shooting Complaint	0	00.0
SCA	Scams/Phone&email	14	07.5
SEC	Security Check	16	03.6
SP	Serve Papers	9	04.3
SPA	Suspicious Activity	0	00.0
SPM	Suspicious Motor Vehicle	3	01.6
SPP	Suspicious Person	3	01.6
SSA	Safe Schools Act	1	00.5
SUI	Suicide	9	04.3
SK	Sex Offender Registration	0	00.0
TE	Traffic Enforcement	2	01.1
TH	Threats	0	00.0
TRU	Truancy	0	00.0
TWD	Tree / Wires Down	0	00.0
VIN	Vin Verification	7	03.7
WB	Well Being Check	0	00.0
WP	Weapons Incident	0	00.0
---	Not Specified	4	02.1
SDT	Sudden Death	34	18.2
PIN	Police Information	14	07.5
DIS	Disturbance	13	07.0
AOA	Assist Other Agency	18	09.6
ASC	Assist Citizen	3	01.6
AFE	Assist Fire/EMS	7	03.7
LPR	Lost Property		

MIP	Missing Person	1	00.5
SDA	Suspected Drug Activity	2	01.1

Grand Total: 187

**Candia Volunteer
Fire Department
11 Deerfield Road
Candia, NH 03034
603-483-8588
603-483-0252 fax**

Memo

Date: June14, 2021
To: Board of Selectmen
Re: Monthly Report

May 2021 HIGHLIGHTS

- 1. Regular Truck and Building Maintenance
- 2. Safety Videos
- 3. EMS Training

Candia Fire Rescue

Candia, NH

This report was generated on 6/1/2021 8:58:11 AM

**Incident Type Count per Station for Date Range**

Start Date: 05/01/2021 | End Date: 05/31/2021

INCIDENT TYPE	# INCIDENTS
Station: 1 - STATION 1	
111 - Building fire	1
131 - Passenger vehicle fire	1
141 - Forest, woods or wildland fire	1
143 - Grass fire	1
321 - EMS call, excluding vehicle accident with injury	19
322 - Motor vehicle accident with injuries	4
323 - Motor vehicle/pedestrian accident (MV Ped)	1
324 - Motor vehicle accident with no injuries.	3
411 - Gasoline or other flammable liquid spill	1
412 - Gas leak (natural gas or LPG)	2
611 - Dispatched & cancelled en route	2
735 - Alarm system sounded due to malfunction	1
745 - Alarm system activation, no fire - unintentional	2

Incidents for 1 - Station 1:**39**

Only REVIEWED incidents included.



Candia Fire Rescue

Candia, NH

This report was generated on 6/1/2021 8:57:44 AM



Incident Statistics

Zone(s): All Zones | Start Date: 05/01/2021 | End Date: 05/31/2021

INCIDENT COUNT			
INCIDENT TYPE		# INCIDENTS	
EMS		27	
FIRE		12	
TOTAL		39	
TOTAL TRANSPORTS (N2 and N3)			
APPARATUS	# of APPARATUS TRANSPORTS	# of PATIENT TRANSPORTS	TOTAL # of PATIENT CONTACTS
TOTAL			
PRE-INCIDENT VALUE		LOSSES	
\$2,500.00		\$2,500.00	
CO CHECKS			
TOTAL			
MUTUAL AID			
Aid Type		Total	
Aid Given		5	
Aid Received		5	
OVERLAPPING CALLS			
# OVERLAPPING		% OVERLAPPING	
0		0	
LIGHTS AND SIREN - AVERAGE RESPONSE TIME (Dispatch to Arrival)			
Station	EMS	FIRE	
Station 1	0:12:42	0:13:01	
AVERAGE FOR ALL CALLS			0:12:10
LIGHTS AND SIREN - AVERAGE TURNOUT TIME (Dispatch to Enroute)			
Station	EMS	FIRE	
Station 1	0:04:58	0:04:47	
AVERAGE FOR ALL CALLS			0:04:44
AGENCY		AVERAGE TIME ON SCENE (MM:SS)	
Candia Fire Rescue		37:50	

Only Reviewed Incidents included. EMS for Incident counts includes only 300 to 399 Incident Types. All other incident types are counted as FIRE. CO Checks only includes Incident Types: 424, 736 and 734. # Apparatus Transports = # of incidents where apparatus transported. # Patient Transports = All patients transported by EMS. # Patient Contacts = # of PCR contacted by apparatus. This report now returns both NEMSIS 2 & 3 data as appropriate. For overlapping calls that span over multiple days, total per month will not equal Total count for year.



emergencyreporting.com
Doc Id: 1645
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May 2021INSPECTION BREAKDOWN including CO'sCommercial, Mixed, L1, L2

Building (BP)	2
Electrical (EL)	3
Gas Piping/Tanks (GP/GT/TP)	2
Mechanical (ME)	2
Place of Assembly (POA)	3
Plumbing (PL)	1
Sign (SI)	1
Use (USE)	2

Residential

Building (BP)	23
Electrical (EL)	12
Gas Burner/Fireplace (GB/FP)	8
Gas Piping/Tanks (GP/GT/TP)	5
Plumbing (PL)	5
Septic (SE)	3
Solar (SO)	3
CO's = Closed Permits	15

Total Inspections:**90**PERMIT BREAKDOWN

Building (BP)	16
Driveway (DW)	2
Electrical (EL)	25
Gas Burner/Fireplace (GB/FP)	4
Gas Piping/Tanks (GP/GT/TP)	20
Mechanical (ME)	2
Oil Burner (OB)	1
Place of Assembly (POA)	1
Plumbing (PL)	9
Pool (PO)	7
Septic (SE)	2
Solar (SO)	1
Underground Tank (UT/UG)	1
Use (USE)	2

Total Permits:**93**

May 2021 Building Activity Report Summary

	<u>May, 2020</u>	<u>May, 2021</u>
Permits Issued	38	93
Renewed Permits	5	1
CO's/CC's = Closed Permits	24	15
Inspections Performed (insp + co's)	81	90
New Residential Home Permits	1	5
New Code Enforcement Cases	0	0
Open Code Enforcement Cases	5	5
Closed Code Enforcement Cases	0	0

Revenue May 2020
\$2,564.00 + \$308.46 = \$2,872.46

Revenue May 2021
\$14,400.50 + \$185.46 = \$14,585.96

Revenue YTD, 2020
\$7,747.82 + \$2,872.46 = \$13,921.46

Revenue YTD, 2021
\$50,513.83 + \$14,585.96 = \$65,099.79



Submitted by: 

Date: 6/14/2021

April 2021**Candia Recycling Center Monthly Report**

	<u>April 2020</u>	<u>April 2021</u>
M.S.W. (Trash)	59.46 tons	54.35 tons
C&D Debris	48.37 tons	47.47 tons
Total waste	107.83 tons	101.82 tons

Recyclables

	<u>April, 2020</u>	<u>April, 2021</u>
<u>Mix Paper</u> -	11 bales 8.39 tons	10 bales = 7.40 tons
<u>Cardboard</u> -	9 bales 6.40 tons	9 bales = 6.28 tons
<u>#1 - #7 plastics</u> -	4 bales 2.50 tons	2 bales = 1.15 tons
<u>Alum. Cans</u> -	3 bales 1.28 tons	1 bale = .55 tons
<u>Tin cans</u> -	0 bales	0 bales
<u>#2 natural plastic</u> -	1 bale .40 tons	1 bale = .37 ton
<u>Total bales</u> -	28 bales 18.97 tons	23 bales = 15.75 tons
<u>Glass</u> -	0	1 haul = 10.46 tons
<u>Electronics</u> -	1 swap 2.84 tons	1 swap = 2.61 tons
Total weight	21.81 tons	28.82 tons

Revenue

April 2020

April 2021

\$845.04

\$11,836.73

2020 YTD - **\$17,010.27**

2021 YTD- **\$20,796.22**

4/2 -There were **30** Freon devices evacuated.

4/2 -There were **44** tires recycled.

4/9 – **25.640** tons of light iron was marketed generating **\$3,090.53** in revenue.

4/15 – approx. **20** tons of cardboard was marketed generating **\$1988** in revenue and there was also approx. **20** tons of mixed paper also marketed generating **\$413.20** in revenue.

4/23 – there was approx. **17,500** lbs. of #2 natural plastics marketed generating **\$6345** in revenue.

March 28, 2021

Board of Selectmen

Street light LED conversion

The Recycling & Energy Committee started research on LED lighting conversion in 2018. After gathering extensive information and soliciting quotes for the Recycling Center, the information was presented to the Board, and the project was approved. The conversion was completed in March of 2019.

A review of the electric bills for a full year starting with the date of the Recycling Center conversion has clearly shown that the savings are considerable, averaging over 20% savings for the year. (see monthly energy reduction report) In addition to the energy savings, another factor is that the maintenance of the lights has been greatly simplified due to not having to change bulbs regularly, resulting in additional savings.

The numbers at the Recycling Center were the motivation for the committee to look into expanding the use of LED though conversion of the town's 36 street lights. Following are the reasons this would be worthwhile to move forward on...

- Eversource incentive money is available.
 - Power savings- as this report illustrates, there are major savings using LED lighting.
 - Many of the old lights are turning yellow- as the old lights age, the color changes from white to a dimmer yellow/orange color. This change makes the lights less effective. (and makes them look old)
-
- The lighting is much better with LED- the light is much whiter and it more efficiently covers the area below it.
 - Directional light- one reason LED is so efficient is that its light shines in a specific direction. In the case of streetlights, LED shines downward onto the street with very little light shining upwards.

-Many of the existing street light fixtures are very old, and with the conversion all lights would get updated fixtures. With updated fixtures, and much better lighting, the committee feels that this project is worth the investment for the savings it would realize, and it would also give the town a better look at night.

The committee has solicited quotes for the retrofitting of the lights. We have three quotes from companies that specialize in street light retrofitting:

- LRS Lighting Retrofit Services
- LED Conversions
- Affinity LED Lighting

After discussions on the proposals, the committee is recommending Affinity LED as the contractor for this project. They were not only the lowest quote, but they also include services such as the required flaggers for the project. Others would require us to use the Candia police to direct traffic while the work is being done. Also, Affinity did the Auburn street lights, and they have done many other projects in New England. (all are listed in their proposal) Their work is highly regarded.

Eversource is encouraging municipalities to do LED retrofitting, and to help the town to initiate the process, they are offering incentive funding. The incentive may not be available in the future.

If there is a way to fund this project, the Recycling & Energy Committee recommends moving forward on retrofitting the town's street lights. Initiating this now would ensure having the Eversource incentive of \$3,600 available to do the retrofit.

Deducting this from the Affinity bid, the net cost of the project would be \$8,889.

The Recycling & Energy Committee would be glad to meet with the Board of Selectmen to answer any questions.

Power reduction at the Recycling Center over a year
from the completion of conversion to LED lighting

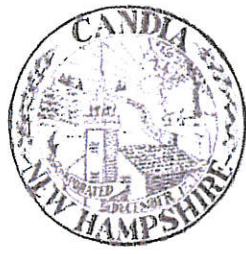
Led conversion completed March 20, 2019

March	+ 35%
April	+. 07%
May	- .07 %
June	- 27 %
August	- 16 %
September	- 19 %
October	- 16 %
November	- 21 %
December	- 19 %
January 2020	- 27 %
February	- 34 %
March	- 38 %
April	- 34 %

One year average savings of 21.5 %

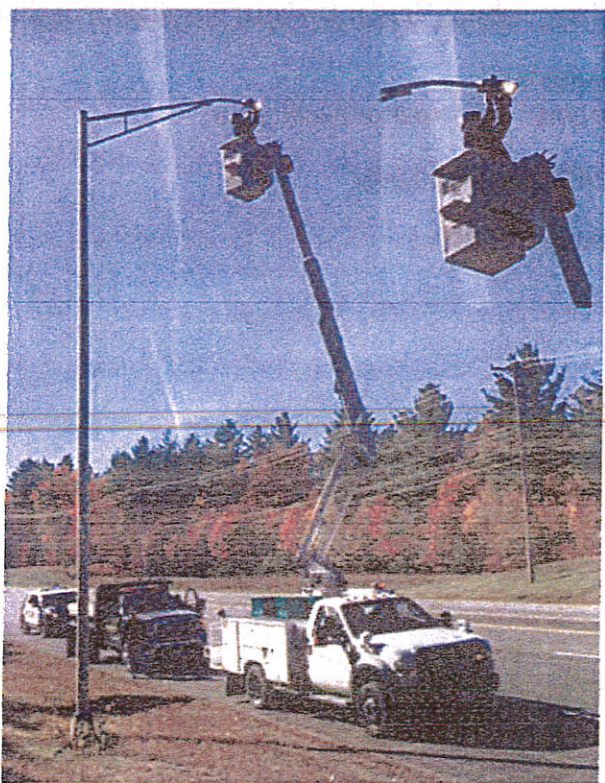
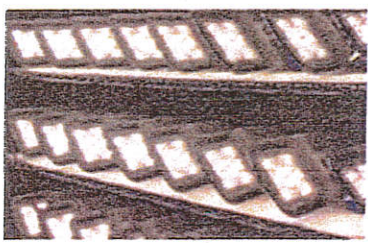
affinit

led lighting



AMERICAN BUILT
★ ★ ★ ★ ★ ★ ★ ★
★ ★ ★ ★ ★ ★ ★ ★

ASSEMBLED WITH PRIDE
★ BY US VETERANS ★
IN DOVER, NEW HAMPSHIRE



LED Streetlight Project

Candia, NH

Introductory Cover Letter
- Company Profile

Detailed Energy Model

Statement of Financial Performance

Key Personnel

Client Reference and testimonials

Similar Turnkey Projects in ME and NH

Approach

- Design
- Digital Inventory
- Technology Procurement
- Installation & Maintenance
- Construction Administration
- Value Added

GIS

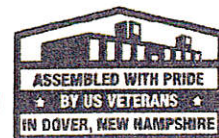
(project tracking, lighting design analysis, installation dashboard)

Project Management

10 year Warranty - w/ 1 Year of Field Labor

Elimination of Packaging Waste

Fixture Cut Sheet



February 10th, 2021

Dear Friends at the Town of Candia:

We are honored to submit this proposal for the Town of Candia's LED street light conversion. All information contained in this proposal accurately describes the services we provide.

We, Affinity LED Light LLC (Affinity LED) are a local company founded in 2012 and currently headquartered in the Washington Street Mills in downtown Dover, New Hampshire.

Our view of doing business is to support our clients to reduce operational spending through energy and lighting maintenance cost reductions, while providing improved quality of light and lowering greenhouse gas emissions to improve air quality and public health in our local communities. **We founded our company on this belief... that *Doing Well and Doing Good* are not mutually exclusive ideas.**

Our business model is unique, in that we take ownership of the entire customer value chain... from product development and manufacturing (**We are New England's *only* LED Lighting Manufacturer**), to engaging regional utility partners, to **end-to-end turnkey "boots on the ground" project management**. Doing business with Affinity LED assures you one responsible point of contact before, during and after your community's lighting efficiency measures have been installed. **We place the highest value on our relationships and our local "hands-on" partnerships with our clients...** one that sets us apart and is vital to your long-term satisfaction over the lifetime of the equipment. ***There isn't another company in the industry who does what we do, the way we do it!***

In New Hampshire, we have **successfully installed more LED street lights, been competitively selected more times (most bid awards) and completed more municipal LED street lighting conversions than all other industry providers combined**. Completed NH street light conversion projects include Antrim, Auburn, Bedford, Berlin, Bethlehem, Brookline, Claremont, Conway, Dover (**including NH's first project with networked street lighting and smart controls**), Exeter, Epping, Farmington, Franconia, Freedom, Gilford, Gorham, Greenland, Hampstead, Hampton, Henniker, Hollis, Hooksett, Jaffrey, Keene, Lisbon, Merrimack, Milford, New Castle, Newfields, Newington, Newmarket, New Ipswich, North Hampton, Peterborough, Pittsfield, Plaistow, Portsmouth, Rindge, Rochester, Somersworth, Sutton, Swanzey, Stratham, Tamworth, Whitefield, Wilton and all NHDOT Highways and Turnpikes roadway lighting statewide. Additionally, we are under contract and proceeding next with Bow, Kingston and Mont Vernon.

We have also successfully completed Maine street light conversions in Augusta, Belgrade, Benton, Berwick, Chelsea, Clinton, Eliot, Fairfield, Farmingdale, Gardiner, Hallowell, Kittery, Manchester, Monson, Newport, North Berwick, Randolph, Sanford, South Berwick, Waterville, Winslow, and Winthrop. Additionally, we are under contract and proceeding next with installations in Boothbay, Readfield, Southport and Tremont. Augusta, Boothbay, Gardiner, Fairfield, Hallowell, Newport, Sanford, Southport and Winthrop are installing complete networked street lighting with smart controls. We are also currently engaged with many more communities across Northern New England who are at various stages of planning for converting to Affinity LED's street lighting program and hope you will join us too!

Our S900D Series of Cobrahead street lights provide **leading edge LED technology**, with rated lifetimes exceeding 120,000 hours of operation. **Assembled locally at our UL approved manufacturing facility in Dover, NH** with a **workforce of U.S. Veterans**, we are fortunate to be producing **"best-in-class" street lighting** while providing **employment opportunities to those who have served and protected our nation**. Further, **all Affinity LED street and area lighting products come with a 10-year warranty**. Our Warranty Statement is attached.

For the purpose of this proposal, we have used your Eversource billing information to provide a **full energy model and cost details for converting the Town of Candia's 36 Eversource street lights**. We fully acknowledge that our desired deliverable is a **"custom designed retrofit"**, the result of performing an independent lighting design analysis. Consequently, the energy model and cost details may increase or decrease contingent on the agreed lighting plan. We have not included any information for the conversion of any Town-owned metered street lighting.

Here are the project highlights:

• **Total Project Cost of \$12,489.02** for converting your 36 current Eversource street light fixtures to "Smart Ready" LED street lighting, avg. \$177.00 per fixture*, inclusive of all equipment and installation services, **with American-Built street and area lighting assembled locally in Dover, NH by a workforce of U.S. Veterans.**

*Installation services include: **a)** a highly capable utility-approved contractor team including fully flashed bucket and trailing vehicle, lineman, certified flagger and support staff, **b)** elimination of Solid Waste (product packaging) through the use of reusable totes and packing materials throughout the installation process, **c)** equipment installation and reconnection, and **d)** complete recycling and disposal of all old legacy equipment, including certificate of disposal for hazardous waste materials.

• **Eversource is expected to offer an Incentive of \$3,600 for Candia's street lighting conversion.** This value will be confirmed in writing directly from your Eversource Account Executive via direct request from the Town.

• **Estimated Annual OPEX Savings equals \$3,358** for converting 36 current street lights, a reduction of 54.4% from the Town's current annual tariff cost of \$6,178. Cumulative Savings over 10 years = \$33,581 (which is the warranty period) & Cumulative Savings over the life of the fixtures (20 years) = \$67,162.

• **Annual Energy Savings = -11,875 kWh**, a reduction of 70.7% from the Town's current consumption of 16,793 kWh.

• **Annual CO2 Abatement = -7.1 tons**, 10 yrs = -71.2 tons, 20 yrs = -142.5 tons. Lowering greenhouse gas emissions improves air quality and public health in our communities.

• **We estimate a Simple Payback of 2.65 years on this LED Conversion (\$12,489.02 All-In / \$3,358 Annual Savings). This is VERY, VERY GOOD!**

• In this proposal, **all equipment will be our American-Built S900D series cobraheads, each proudly assembled by US Veterans in our UL certified manufacturing site in Dover, NH.**

We are your local New Hampshire Company, with products locally assembled and serviced by NH Veterans just miles from Candia's Town Office.

Upon being successfully selected for your community's LED conversion, we will proceed with a **comprehensive investment-grade field audit**, complete with **GIS-based collection tools** to fully confirm the actual streetlight assets and reconcile any inventory discrepancies with Eversource. We will coordinate a **"designed retrofit" lighting plan** according to functional roadway classifications (local, collector, arterial/majors) and intersections (local/local, local/collector, collector/collector, etc.) and location of sensitive receptors (schools, hospitals). We'll also identify and recommend critical areas where pole spacing improvements may provide a higher level of uniformity and safety. Once the lighting plan is confirmed and installation begins, we will use our real-time GIS-based tracking tools to **track real-time progress online during installation**, to update your street lighting inventory and to **ensure Eversource billing is converted from current rates to the new LED rate**.

As demonstrated in this proposal, we understand the complexities of street lighting conversions and specifically, your individual community's project. To ensure we **meet or exceed your expectations**, we have assembled a **"Partners of Choice" team of experts to fulfill our end-to-end turnkey commitment to you** as outlined in this response:

Installation and Maintenance - Our highly capable crews are **experienced Eversource approved contractors** having all requisite training, certifications, equipment and insurance to safely perform the required operations of disconnection, fixture installation and reconnection. The installation service is included in our proposal at no additional cost to the Town.

Tax-Exempt Lease Purchase Financing - **Affinity LED has partnered with Municipal Leasing Consultants (MLC)** to help your community get the equipment and technology you need to continue providing the best possible services, in the most cost-effective way. MLC has a track record of success and a strong commitment to helping American communities achieve their goals.

Recycling and Disposal - We are contracting with SMS Services Inc., quality services throughout the New England, to provide **safe, secure, certified disposal and recycling of waste materials**. This service is included in our proposal at no additional cost to the Town.

Supply Chain - **Our focus and expertise gives us ultimate control of our products and we make no compromises**. To ensure consistent performance over their expected lifetime, we are carefully choosing the best combination of **industry leading branded components and materials**, and **locally assembling** our Cobrahead street lights and Shoebox flood lights right here in Dover, NH. **The result is both a quality and price/value proposition that is difficult for others to match.**

Our S900D Cobrahead Series Components:

- Revolutionary Patented **Multi-Volt DOB** Technology Extends Fixture Lifetime
- New MJT High Powered Series LEDs provide **Industry Leading Efficiency and Lifetimes**
- **Night Sky Friendly** (zero uplight) with **integrated backshield**
- **Reduced-Glare Optical Lenses** in standard IESNA Type photometric distributions
- Tool-Less Entry with **Connect-Safe™** for **Lineman Friendly Installation**
- **Smart Ready** with 7-pin Photocontrol Receptacle and 0-10V Dimming Capability
- **UL compliance** for traceable components
- Using all-metal molded A360 Die-Cast Aluminum Housing and Housing Door components, 16mm Stainless Steel hinge bolts and a tool-less entry mechanically secured door latch, we've ensured a safe and secure door when the fixture is open, and a fitted closure when latched. That is very important for a **fixture designed to last 20+ years here in the Northeast**.
- All Stainless Steel screws and fittings are **marine grade corrosion resistant**.

We are aligned and ready to add the "Most Important Partner" to our Team... the Town of Candia!
We look forward to engaging with all of you on this important project.

Yours truly,



Steven R. Lieber
President & Founder, Affinity LED Light LLC

Mailing:

Affinity LED Light LLC
133 Islington Street
Portsmouth, NH 03801
Fax: 603-590-8897

Office & Warehouse & Assembly:

Affinity LED Lighting
1 Washington Street, Unit # 5121
Dover, NH 03820
Phone: 978-378-LED8

Your Key Contacts Directory:

Steve Lieber –
Principal Contact
cell: 603-828-8919
steve@affinityledlight.com

Andrew Tiebout–
Senior Project Manager
cell: 603-767-8119
andrew@affinityled.com



Town of Candia, NH LED Street Lighting Proposal

Prepared: 2/9/2021

Leader Name: Candia
 District: 11
 Town: 25
 Leader #: 8000953

MUNICIPAL STREET LIGHTING SUMMARY

Current Lighting Description	Rated Watts	Site Costs	Rate Class	Fixture Qty
50HPS COBRA	65	47	02	23
70HPS COBRA	90	48	02	1
100HPS COBRA	130	151	02	7
250HPS COBRA	295	153	02	4
				36

CURRENT LIGHTING (annual)

Existing Rated Watts	Annual Cost Per Fixture	Total Annual Cost*	Total kWh Consumed
65	\$135.22	\$3,110.66	\$6,495.75
90	\$152.25	\$159.25	\$391.05
130	\$199.28	\$1,304.96	\$3,853.25
295	\$318.09	\$1,272.36	\$5,127.10
		\$6,178	16,793

SMART READY LED (annual)

LED Rated Watts	Models	Fixture Qty	Annual Cost Per Fixture	Total Annual Cost*	Total kWh Consumed
15	S900D-18W-30K-T2-GR	23	\$82.00	\$1,407.97	1708.83
18	S200D-18W-30K-T2-GR	1	\$82.00	\$82.00	78.21
50	S201D-50W-30K-TX-GR	7	\$100.76	\$705.46	1828.75
75	S202D-75W-30K-T2-GR	4	\$131.01	\$524.04	1503.5
				\$2,820	4918.54

UPGRADE PROJECT COSTS

Purchase Cost per Fixture	TOTAL COST	Installation Cost per Fixture	Total Installation Cost	Total Purchase & Installation Cost
\$157.00	\$3,611.00	\$109.02	\$3,909.88	\$7,519.00
\$157.00	\$157.00	\$109.02	\$168.92	\$326.92
\$207.00	\$1,442.00	\$109.02	\$1,109.42	\$2,551.42
\$237.00	\$948.00	\$109.02	\$879.67	\$1,827.67
avg	\$9,372.00	avg	\$6,117.02	avg \$12,489.02
	\$177.00		\$346.92	

INCENTIVE

TO BE VERIFIED BY EVERSOURCE	Incentive/Fixture	Product Code	Total Incentive
	\$100	00L	(\$2,300)
	\$100	00L	(\$100)
	\$100	00L	(\$700)
	\$100	00L	(\$800)

Annual Savings | Savings: **(\$3,350)** | **(11.87%)**

Annual CO² Abatement (tons): **(7.1)**

Annual Savings | Savings: **(\$3,350)** | **(11.87%)**

Annual CO² Abatement (tons): **(7.1)**

Net: **\$8,889**

Simple Payback: **2.65** years

SIMPLE PAYBACK

Net Investment	\$5,889	Payback	
Annual Savings	(\$3,350)		2.65 years
Monthly Savings	(\$280)		31.8 months

SAVINGS, RETURN ON INVESTMENT and 10yr CAPEX IMPACT*

Year	Cumulative Savings	Cumulative ROI	Cumulative CAPEX Impact (10yr)	Cumulative Operating Hours	Cumulative CO ² Abatement (tons)
Year 1	\$3,358	(\$8,531) -25%	(\$889)	4,345	7.1
Year 2	\$6,716	(\$2,173) -4%	(\$1,778)	8,690	14.2
Year 3	\$10,074	\$1,185 13%	(\$2,667)	13,035	21.4
Year 4	\$13,432	\$4,543 51%	(\$3,556)	17,380	28.5
Year 5	\$16,791	\$7,901 59%	(\$4,445)	21,725	35.6
Year 10	\$33,581	\$24,692 276%	(\$8,889)	43,450	71.2
Year 15	\$50,372	\$41,483 467%		65,175	108.8
Year 20	\$67,162	\$58,273 650%		86,900	142.8

Affinity LED Light Key Project Personnel

Steve Lieber

President and Principal

Mobile: 603-828-8919

steve@affinityled.com

Andrew Tiebout

Senior Project Manager

Mobile: 603-767-8119

andrew@affinityled.com

Additional Staff Assigned -

Caroline Kinville **Director - Finance & Production Operations**

Sandra Massie **Accounting Manager**

Johnny Muy **Product & Materials Procurement Manager**

Cassidy Brennan **Project Developer**

Michael Snay **Lead Technician & Production Manager Lead**

Gerald Easson **Assembly Technician**

Steve Lieber, the founder of Affinity LED Lighting, has a strong foundation in global supply chain, product creation and project implementation. He began the company in 2012.

Andrew Tiebout joined the team in 2017. He holds an MBA from SNHU and worked to develop Affinity's product line and managed building retrofit projects before stepping up to the senior position.

Caroline Kinville joined Affinity LED Lighting in 2016. She was formerly the Plant Controller and HR Manager at GM Nameplate Inc., a manufacturer formerly located in Dover, NH. She brings strong operations and financial management to the table and has played a key role in the implementation of our domestic assembly operations.

Sandra Massie joined in September 2017 coming from SIG SAUER located in Portsmouth, NH where she was part of the team managing international vendors and logistics. She also brings a broad set of skills well suited to our growing company.

Johnny Muy joined the company in 2019, and played an instrumental part of the planning and implementation of our local assembly operations. He is responsible for the majority of our assembly materials and product procurement.

Michael Snay is a US Veteran who learned his electrical trade as a sonar technician in the US Navy. He has a strong background in ESD procedures, electronics production and repair, and is a critical thinker.

Gerald Easson is a former US Marine with an impressive resume of electronic wiring and assembly. He has also worked in manufacturing at Vutek in Meredith, NH.



Affinity LED
Testimonials similar
turnkey projects



Augusta, ME

"The City of Augusta awarded a contract to Affinity LED Lighting in late 2018 for the conversion and replacement of approximately 2,300 roadway, ornamental, and parking lot lighting throughout the city. As part of the project the city chose to complete a citywide audit of all light fixtures. The audit will provide the city with an accurate count of all lighting fixtures and will greatly assist us in maintaining the completed lighting system.

The City of Augusta selection team was invited by Affinity, namely Steve Lieber and John "JB" Branagan, to travel to Dover, N.H to meet with them. They provided us with a tour of their factory, an inspection/review of their light fixtures, a review of the proposed control system, and to view their lights in operation. Their process for assembly, the light fixtures, the control system, and their approach to the project reassured the city that we had indeed chose the right company to complete our project.

Steve and JB have both been excellent in communication regarding the process for the audit, material delivery, invoicing, installation coordination, and providing all the necessary control system training. They both provide the customer with the confidence of knowing that they are fully invested into the success of the project. It is a pleasure to work with a company that takes all the time necessary to make you feel comfortable with the entire process from start to finish.

I would highly recommend Affinity LED Lighting to anyone that may be considering a project. They are an excellent company to work with."

Bob LaBreck
Facilities Manager
City of Augusta
16 Cony Street
Augusta, Maine 04330
Office: 207-626-2365
Cell: 207-242-6773
Email: bob.labreck@augustamaine.gov

Claremont, NH

"Claremont has worked with Affinity for all of our street lighting needs since March of 2016. The service has been fantastic. They have corrected our light ledger and is now accurate for the first time in 10 years. They projected a 46% savings in electricity and have delivered exactly that. We have added all of our metered outside lights to be retro fit to LED and are seeing over 60% savings. Their product has reduced light pollution so we can see stars from inside the city again. We have changed over 1100 street lights now with very little disruption or customer complaints. We see a real great improvement in driving through fog and snow with the 4000k lights. Much easier for older drivers. Affinity made this project go smoothly and successfully."

Vic St. Pierre
City of Claremont
Director of Public Works
8 Grandview Street
Claremont, NH 03743
Office: 603 504-0353
Cell: 603 543-7927
Email: vstpierre@claremontnh.com

Rochester, NH and Dover, NH

"I am very happy to provide a reference as I've had the pleasure of working with Affinity in two cities. I was formerly the Director of City Services in Rochester, NH and we worked with Affinity to change out nearly 1,500 streetlights. Now that I am in Dover we are wrapping up the conversion of about 1,800 streetlights to LED's. I've also worked with Affinity to retrofit some of our municipal buildings to LED lights, both in Rochester and in Dover.

They have been an absolute pleasure to work with. They were exceedingly helpful every step of the way. Initially they took time to explain the LED technology, their manufacturing process, some of the American Medical Association recommendations for lighting temperatures, they walked us through available grant opportunities, even submitting the grant requests. Their guidance and leadership were excellent.

Inevitably there are always going to be a few issues that need to be addressed along the way – either improper wiring, or possibly lighting fixtures that don't show up on the billing ledger. If anything ever came up they were quick to jump on it and worked to find a solution. I remember one occasion being on the phone with them at 10:30 PM at night to address a lighting issue and they literally jumped right on it and worked til it was resolved. While I was in Rochester they actually worked with us to install some demonstration LED's in our Eversource cobrahead lights and also our downtown ornamental lights. They were extremely cooperative in working with us to get the lights installed and understood our need to put a few on display, such that the community could observe and provide comments.

They have also been very generous here in Dover. They provided free LED lights to get our City Hall clock tower illuminated, and in an amazing show of generosity, actually installed new LED's on the Scammell Bridge between Dover and Durham at no cost, and they are picking up the electricity costs."

John Storer
Director of Community Services
City of Dover, NH
271 Mast Rd.
Dover, NH 03820-4169
Office: 603-516-6450
Email: j.storer@doover.nh.gov

Portsmouth, NH

"Affinity LED was competitively selected to convert all of the cobra head streetlights for the City of Portsmouth because we felt their product produced a superior light quality. The environmental benefits of reduced electricity consumption from an LED streetlight conversion are well established, yet Affinity LED's product goes a step further on the path to sustainability. The fact that the lights are assembled locally in Dover NH and the significant waste reduction from their unique packaging techniques were icing on the cake for this sustainability oriented project."

Jacob A. Levenson
Solid Waste Sustainability Coordinator
Department of Public Works
City of Portsmouth
680 Peaverly Hill Road
Portsmouth, NH 03801
Office: 603-766-1412
Email: jalevenson@cityofportsmouth.com



SIMILAR PROJECTS - CLIENT REFERENCES

CITY OF AUGUSTA, MAINE - Competitive Award

<u>Client Contact Information:</u> Raphael E. St Pierre - Assistant City Manager ralph.stpierre@augustamaine.gov 207-626-2300	<u>Contact Address:</u> 16 Cony St. Augusta, ME 04330
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TOWN OF BERWICK, MAINE

<u>Client Contact Information:</u> Stephen G. Eldridge, MPA Town Manager townmanager@berwickmaine.org 207-698-1101 x 111	<u>Contact Address:</u> 11 Sullivan Street Berwick, Maine 03901
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TOWN OF CHELSEA, MAINE

<u>Client Contact Information:</u> Scott Tilton - Town Manager chelseamanager@chelseamaine.org 207-582-4802	<u>Contact Address:</u> 560 Togus Road Chelsea, ME 04330
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TOWN OF ELIOT, MAINE - Competitive Award

<u>Client Contact Information:</u> Dana Lee - Town Manager townmanager@eliotme.org 207-439-1813	<u>Contact Address:</u> 1333 State Road Eliot, ME 03903
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TOWN OF FAIRFIELD, MAINE

<u>Client Contact Information:</u> Michelle M. Flewelling- Town Manager mflewelling@fairfieldme.com 207-453-7911 ext.101	<u>Contact Address:</u> PO Box 149 Fairfield, ME 04937
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TOWN OF FARMINGDALE, MAINE

<u>Client Contact Information:</u> Rose Webster - Town Clerk/Tax Collector/Treas. Admin. Assistant to the Selectboard farmingdaleclerk@roadrunner.com	<u>Contact Address:</u> 289 Maine Avenue Farmingdale, ME 04344
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CITY OF GARDINER, MAINE

<u>Client Contact Information:</u> Christine M. Landes, MBA/CMM - Town Manager clandes@gardinermaine.com 207-582-4200	<u>Contact Address:</u> City of Gardiner 6 Church Street Gardiner, Me. 04345
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SIMILAR PROJECTS - CLIENT REFERENCES

CITY OF HALLOWELL, MAINE

<u>Client Contact Information:</u> Nate Rudy – Town Manager nrudy@hallowellmaine.org 207-623-4021 Ext. 203	<u>Contact Address:</u> City of Hallowell 1 Winthrop Street Hallowell, Me. 04347
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TOWN OF KITTERY, MAINE – Competitive Award

<u>Client Contact Information:</u> Kendra Amaral – Town Manager KAmaral@kitteryme.org Chief David O'Brien - DO'Brien@kitteryme.org 207-439-1813	<u>Contact Address:</u> 200 rogers Road Kittery, ME 03903
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TOWN OF MONSON, MAINE – Competitive Award

<u>Client Contact Information:</u> Daniel Swain - City Manager monsontownmgr@myfairpoint.net 207-997-3641	<u>Contact Address:</u> 10 Tenney Hill Rd. Monson, ME 04464
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TOWN OF NORTH BERWICK, MAINE

<u>Client Contact Information:</u> Dwayne Morin - Town Manager dmorin@townofnorthberwick.org 207-676-3112 x 4	<u>Contact Address:</u> 21 Main Street North Berwick, Maine 03906
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TOWN OF RANDOLPH, MAINE

<u>Client Contact Information:</u> Peter Coughlin petertown99@gmail.com 207-592-1790	<u>Contact Address:</u> 121 Kinderhook St Randolph, ME 04346
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TOWN OF TREMONT, MAINE – Competitive Award

<u>Client Contact Information:</u> Christopher Saunders – Town Manager manager@tremont.maine.gov 207-244-7204	<u>Contact Address:</u> 20 Harbor Drive Bass Harbor, ME 04653
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CITY OF WATERVILLE, MAINE – Competitive Award

<u>Client Contact Information:</u> Michael Roy - City Manager mroy@waterville-me.gov 207-680-4204	<u>Contact Address:</u> 1 Common St. Waterville, ME 04901
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SIMILAR PROJECTS - CLIENT REFERENCES

TOWN OF WINSLOW, MAINE - Competitive Award

<u>Client Contact Information:</u> Michael W. Heavener- Town Manager mheavener@winslow-me.gov 207-872-2776 x5210	<u>Contact Address:</u> 114 Benton Avenue Winslow, ME 04901
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NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION - Competitive Award

<u>Client Contact Information:</u> David Rodrigue Director of Operations Email: Dave.Rodrigue@dot.nh.gov Phone: (603) 485-3806	<u>Contact Address:</u> 7 Hazen Drive Concord, NH 03302
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TOWN OF ANTRIM, NEW HAMPSHIRE

<u>Client Contact Information:</u> Donna Hanson Town Administrator Email: antrimbiz@tds.net Phone: 603-588-6785 ext 221	<u>Contact Address:</u> Town Hall 66 Main Street Antrim, NH 03440
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TOWN OF BEDFORD, NEW HAMPSHIRE - Competitive Award

<u>Client Contact Information:</u> Jeanne Walker Town Engineer/Asst. Director of Public Works 24 North Amherst Road Email: jwalker@bedfordnh.org Phone: (603) 472-3070	<u>Contact Address:</u> Town Offices 24 North Amherst Road Bedford, NH 03110
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CITY OF BERLIN, NEW HAMPSHIRE - Competitive Award

<u>Client Contact Information:</u> Jim Wheeler - City Manager jwheeler@berlinnh.gov 603-752-7532	<u>Contact Address:</u> City of Berlin - City Hall 168 Main Street Berlin, NH 03570
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TOWN OF BETHLEHEM, NEW HAMPSHIRE

<u>Client Contact Information:</u> April Hibberd admin@bethlehemnh.org	<u>Contact Address:</u> Town of Bethlehem PO Box 189 2155 Main St. Bethlehem, NH 03574
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TOWN OF BOW, NEW HAMPSHIRE - Competitive Award

<u>Client Contact Information:</u> David Stack - Town Manager dstack@bownh.gov (603) 223-3910	<u>Contact Address:</u> 10 Grandview Rd., Bow, NH 03304
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SIMILAR PROJECTS - CLIENT REFERENCES

TOWN OF BROOKLINE, NEW HAMPSHIRE - Competitive Award

<u>Client Contact Information:</u> Tad Putney - Town Manager tputney@brookline.nh.us (603) 673-8855	<u>Contact Address:</u> 1 Main St, Brookline, NH 03033
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CITY OF CLAREMONT, NEW HAMPSHIRE - Competitive Award

<u>Client Contact Information:</u> Victor St. Pierre Public Works Director vstpierre@claremontnh.com Phone: (603) 504-0353 Main (603) 542-7020	<u>Contact Address:</u> Department of Public Works 8 Grandview Street Claremont, NH 03743
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TOWN OF CONWAY, NEW HAMPSHIRE - Competitive Award

<u>Client Contact Information:</u> Paul DegliAngeli, PE Director of Public Works Email: pauld@conwaynh.org Phone: (603) 447 - 3811 x 24	<u>Contact Address:</u> Town of Conway NH 1634 East Main St. Center Conway, NH 03813
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CITY OF DOVER, NEW HAMPSHIRE - Competitive Award

<u>Client Contact Information:</u> J. Michael Joyal, City Manager Email: m.joyal@doover.nh.gov Direct: (603) 516-6023	<u>Contact Address:</u> 288 Central Avenue Dover, NH 03820
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TOWN OF EPPING, NEW HAMPSHIRE

<u>Client Contact Information:</u> Greg Dodge Email: administrator@townofepping.com Phone: (603) 679-5441	<u>Contact Address:</u> Town of Epping Attn: Town Administrator 157 Main St. Epping, NH 03042
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TOWN OF EXETER, NEW HAMPSHIRE

<u>Client Contact Information:</u> Je Jennifer Royce Perry, P.E., Director Exeter Public Works jperry@exeternh.gov (603) 773-6157	<u>Contact Address:</u> Exeter Public Works 13 Newfields Road Exeter, NH 03833
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TOWN OF FARMINGTON, NEW HAMPSHIRE

<u>Client Contact Information:</u> Arthur Capello Town Administrator Email: farmingtona@metrocast.net Phone: (603) 755-2208	<u>Contact Address:</u> 356 Main Street Farmington, NH 03835
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SIMILAR PROJECTS - CLIENT REFERENCES

TOWN OF FRANCONIA, NEW HAMPSHIRE - Competitive Award

Client Contact Information: Holly Burbank Town Administrator Email: townadmin@franconianh.org Phone: (603) 823-7752	Contact Address: Town of Franconia NH 421 Main Street Franconia, NH 03580
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TOWN OF GILFORD, NEW HAMPSHIRE

Client Contact Information: Scott J. Dunn, Town Administrator Email: sdunn@gilfordnh.org Phone: (603) 527-4706	Contact Address: Town of Gilford 47 Cherry Valley Road Gilford, NH 03249
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TOWN OF GORHAM, NEW HAMPSHIRE

Client Contact Information: Denise Vallee Director of Finance & Administration Email: dvallee@gorhamnh.org Phone: (603) 466-3322	Contact Address: Town of Gorham NH 20 Park Street Gorham, NH 03581
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TOWN OF GREENLAND, NEW HAMPSHIRE

Client Contact Information: Karen Anderson Town Administrator Email: KAnderson@greenland-nh.com Phone: (603) 431-7111	Contact Address: Town of Greenland NH 11 Town Square Greenland, NH 03840
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TOWN OF HAMPSTEAD, NEW HAMPSHIRE - Competitive Award

Client Contact Information: Sally Theriault Town Administrator Email: sally.theriault@comcast.net Phone: (603) 329-4100 ext. 100	Contact Address: Town of Hampstead NH 11 Main Street Hampstead, NH 03841
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TOWN OF HAMPTON, NEW HAMPSHIRE

Client Contact Information: John Hubbard jhubbard@northhampton-nh.gov	Contact Address: Town of Hampton NH 11 Airport Hampton, NH
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TOWN OF HENNIKER, NEW HAMPSHIRE - Competitive Award

Client Contact Information: Christine Trovato - Town Manager	Contact Address: Town of Henniker, NH 18 Depot Hill Rd. Henniker, NH 03242
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**SIMILAR PROJECTS - CLIENT REFERENCES****TOWN OF HOLLIS, NEW HAMPSHIRE - Competitive Award**

<u>Client Contact Information:</u> Todd J. Croteau, Public Works Director tcroteau@hollisnh.org 603-465-2246	<u>Contact Address:</u> 10 Muzzey Rd. Hollis NH, 03049
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TOWN OF HOOKSETT, NEW HAMPSHIRE - Competitive Award

<u>Client Contact Information:</u> Nicholas P. Germain, MPA ngermain@hooksett.org 603-485-8472	<u>Contact Address:</u> Town of Hooksett 35 Main Street Hooksett NH 03106
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TOWN OF JAFFREY, NEW HAMPSHIRE - Competitive Award

<u>Client Contact Information:</u> Jon Frederick, Town Manager Randall W. Heglin, Director Dep. of Public Works rheglin@townofjaffrey.com 603-532-6521	<u>Contact Address:</u> Town of Jaffrey, NH 23 Knight Street Jaffrey, NH 03452
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CITY OF KEENE, NEW HAMPSHIRE - Competitive Award

<u>Client Contact Information:</u> Duncan Watson Assistant Public Works Director Email: dwatson@ci.keene.nh.us Phone: (603) 352-6550	<u>Contact Address:</u> City of Keene NH 350 Marlboro Street Keene, NH 03431
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TOWN OF KINGSTON, NEW HAMPSHIRE

<u>Client Contact Information:</u> Susan Ayer - Admin Assistant to the Selectmen Email: admin@kingstonnh.org Phone: (603) 642-3342 ext. 103	<u>Contact Address:</u> 163 Main St, Kingston, NH 03848
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TOWN OF LISBON, NEW HAMPSHIRE

<u>Client Contact Information:</u> Sharon Penney Lisbon Town Administrator Email: townadmin@lisbonnh.org Phone: 603-838-6376	<u>Contact Address:</u> Town of Lisbon 46 School St. Lisbon, NH 03585
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TOWN OF MERRIMACK, NEW HAMPSHIRE - Competitive Award

<u>Client Contact Information:</u> Kyle Fox Public Works Director Email: kfox@merrimacknh.gov Phone: (603) 427-5137	<u>Contact Address:</u> Town of Merrimack NH 6 Baboosic Lake Road Merrimack, NH 03054
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SIMILAR PROJECTS - CLIENT REFERENCES

TOWN OF MILFORD, NEW HAMPSHIRE - Competitive Award

<u>Client Contact Information:</u> Mark Bender Town Administrator Email: mbender@milford.nh.gov Phone: (603) 240-0601	<u>Contact Address:</u> Town of Milford NH 1 Union Square Milford, NH 30355
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TOWN OF NEW CASTLE, NEW HAMPSHIRE

<u>Client Contact Information:</u> William Stewart Select Board Chair Email: bill.stewart@newcastlenh.org New Castle, NH 03854	<u>Contact Address:</u> Town of New Castle NH 49 Main Street New Castle, NH 03854
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TOWN OF NEWFIELDS, NEW HAMPSHIRE

<u>Client Contact Information:</u> Donna Newman Email: donnaneuman@newfieldsnh.gov Phone: (603) 755-2208	<u>Contact Address:</u> Town of Newfields NH 65 Main Street Newfields, NH 03856
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TOWN OF NEWINGTON, NEW HAMPSHIRE

<u>Client Contact Information:</u> Kevin Kelley Email: kkelley@townofnewingtonnh.com Phone: (603) 426-7640	<u>Contact Address:</u> Town of Newington NH 205 Nimble Hill Rd Newington, NH 03801
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TOWN OF NEWMARKET, NEW HAMPSHIRE

<u>Client Contact Information:</u> Steve Fournier Town Administrator Email: sfournier@newmarketnh.gov Phone: (603) 659-3617	<u>Contact Address:</u> Town of Newmarket NH 186 Main Street Newmarket, NH 03857
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TOWN OF NORTH HAMPTON, NEW HAMPSHIRE

<u>Client Contact Information:</u> John Hubbard DPW Director jhubbard@northhampton-nh.gov 603-365-6778	<u>Contact Address:</u> Town of North Hampton NH North Hampton, NH 03857
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TOWN OF PETERBOROUGH, NEW HAMPSHIRE

<u>Client Contact Information:</u> Seth MacLean Operations Manager, DPW P: 603.924.8000, ex. 102 C: 603.831.8814 www.townofpeterborough.com	<u>Contact Address:</u> Town of Peterborough, NH 1 Grove St. Peterborough NH 03458 www.peterboroughprojects.info
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SIMILAR PROJECTS - CLIENT REFERENCES

TOWN OF PITTSFIELD, NEW HAMPSHIRE - Competitive Award

<u>Client Contact Information:</u> Cara Marston Town Administrator Email: cmarston@pittsfieldnh.gov Phone: (603) 435-6773	<u>Contact Address:</u> Town Hall 85 Main Street Pittsfield, NH 03263
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CITY OF PORTSMOUTH, NEW HAMPSHIRE - Competitive Award

<u>Client Contact Information:</u> Peter Rice Public Works Director Email: phrice@cityofportsmouth.com Phone: (603) 427-1530	<u>Contact Address:</u> Department of Public Works 680 Peverly Hill Rd Portsmouth, NH 03801
--	--

TOWN OF RINDGE, NEW HAMPSHIRE - Competitive Award

<u>Client Contact Information:</u> Mike Cloutier - Public Works Director Email: rindgepw@town.rindge.nh.us Phone: (603) 899-5181	<u>Contact Address:</u> 30 Payson Hill Road Rindge, NH 03461
---	--

CITY OF ROCHESTER, NEW HAMPSHIRE

<u>Client Contact Information:</u> Michael Riley Municipal Services Supervisor-Facilities Email: michael.riley@rochesternh.net Phone: (603) 332-4096	<u>Contact Address:</u> Rochester NH DPW 45 Old Dover Road Rochester, NH 03867
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CITY OF SOMERSWORTH, NEW HAMPSHIRE

<u>Client Contact Information:</u> Michael Bobinsky Director of Public Works and Utilities Email: mbobinsky@somersworth.com Phone: (603) 692-4266	<u>Contact Address:</u> 1 Government Way Somersworth, NH 03878
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TOWN OF STRATHAM, NEW HAMPSHIRE

<u>Client Contact Information:</u> David Moore, Town Adminstartor Email: dmoore@StrathamNH.gov Phone: 603 772-7391 x 181	<u>Contact Address:</u> Town of Stratham, NH 10 Bunker Hill Road Stratham, NH 03885
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TOWN OF SUGAR HILL, NEW HAMPSHIRE

<u>Client Contact Information:</u> Margo Connors, Town Manager Email: connorsmargo@gmail.com Phone: 603 823-8575	<u>Contact Address:</u> Margo Connors P.O. Box 862 Franconia, NH 03580
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SIMILAR PROJECTS - CLIENT REFERENCES

TOWN OF SUTTON, NEW HAMPSHIRE

<u>Client Contact Information:</u> Elly Phillips - Town Manager Email: townadmin@sutton-nh.org Phone: 603 927-2403	<u>Contact Address:</u> Town of Sutton 93 Main Street Sutton Mills, NH 03221
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TOWN OF SWANZEY, NEW HAMPSHIRE - Competitive Award

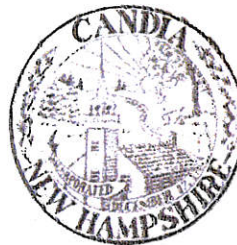
<u>Client Contact Information:</u> Michael T. Branley, MPA Town Administrator Email: mbranley@town.swanzey.nh.us Phone: (603) 352-7411 ext. 107	<u>Contact Address:</u> Town of Swanzey NH 620 Old Homestead Highway Swanzey, NH 03446
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TOWN OF TAMWORTH, NEW HAMPSHIRE

<u>Client Contact Information:</u> John B. Wheeler Town Administrator Email: Admin@tamworthnh.org Phone: 603 323-7971	<u>Contact Address:</u> Town of Tamworth 84 Main Street Tamworth, NH 03886
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TOWN OF WHITEFIELD, NEW HAMPSHIRE

<u>Client Contact Information:</u> Shawn C. White Public Works Director Email: whitefielddpw@ne.rr.com Phone: (603) 837-2202	<u>Contact Address:</u> Town of Whitefield NH 56 Littleton Road Whitefield, NH 03598
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Our Project Approach

Design

Affinity LED believes that all municipal street-lighting conversion projects should start with a 'simple designed retrofit'. This practical approach looks at existing street-light placed during the comprehensive investment grade GIS audit and represented as Affinity "proposed wattages". We then work with the Town to make practical real world adjustments.

If a full certified designed is required Affinity partners with NCQLP Certified Independent Lighting Designers to provide an independent analysis of existing street lighting within the Town of Candia, who will use the following GIS-based mapping and street & roadway data to inform the Town's design plan and replacement streetlight standard for the new LED lighting conversions. Typical considerations are:

- Street classification, roadway and lane width, presence of medians and sidewalks
- Vehicular, bike and pedestrian activity levels, inclusive of accident or incident data for specific street zones
- Presence of sensitive receptors such as schools, hospitals and elderly housing
Public gathering sites such as auditoriums, stadiums and theaters
- Input from Town personnel such as Traffic Engineers, Bike/Ped Coordinators, Transportation Planners, Police and Fire, and Parks and Recreation
- Current streetlight type, light source, wattage, mounting height and bracket arm length.
- Aerial and street level photographs to identify residential vs commercial zones.
- Zoning maps may also be used to identify lighting classification zones such as unique neighborhoods where lower light levels or shielding may be desired.

Our deliverable will provide the best solution based on site conditions for safety of the residents of the Town of Candia. Our experience also confirms that much of the existing lighting layout may already meet design goals and objectives, allowing us to focus on the major areas where the data indicates attention is required.

While meeting IES standards of RP-8-14 are always the goal of a uniformed lighting design, not all areas will meet the design requirement due to the common occurrence of non-continuous lighting or irregular pole spacing in many areas of the Town.

Digital Inventory - See GIS Attachment

Project Management

Affinity LED has a proven track record in New England of being capable and competent in executing multiple full turn-key conversions. Examples of full

Turn-Key conversions over 1,000 lights include Augusta ME, Berlin, Claremont, Dover, Keene, Portsmouth, and Rochester, New Hampshire, as well as the State-wide NHDOT roadway conversion. We regularly work on multiple projects simultaneously in the New England region and our project history shows this.

Technology Procurement

Affinity LED offers only our own brand of DLC listed streetlights that are assembled locally at our UL approved manufacturing facility in Dover, NH with a workforce of U.S. Veterans. We are fortunate to be producing "best-in-class" street lighting that has been vetted and selected against the "industry's best" competitor street lighting products.

We partner with you, the Town, to ensure that you get the best products for the best price. All of our municipal partners large or small enjoy the same materials pricing to ensure transparency on all public bids.

All fixture selection is based on the "designed retrofit" plan based on the GIS audit, Certified lighting designer inputs, and all considerations of roadway lighting standards.

AMA Considerations

Affinity LED has been following the AMA and IDSA position on best practices of LED lighting since the article was published. We are devoted to ensure our 3,000k proposed lighting meets or exceeds the best practices set forth in the AMA position paper. We have you covered!

Installation and Maintenance

A general project schedule will be developed with the town upon selection. Any requested shielding or fixture adjustments would be addressed in the final stages of the installation "punch list" before the project is completed. Regarding maintenance, all products proposed come with a 10-year warranty and the first (1) year is inclusive of labor. Beyond the warranty provision, given the reliability of our products, with a rated life of over 20 years and the extremely low failure rates of LEDs, our experience shows that most lighting failures after a conversion are related to Utility power infrastructure. Under the current NH PUC tariff Eversource will continue all maintenance service for the Town.

Construction Administration

Our approach to managing the construction phase of a turn-key LED conversion is simple... "plan your work, and work your plan". All members of the Affinity LED "team" work together to ensure a safe, accurate and expeditious conversion, from project kick-off, to GIS audit of the Town's existing inventory, through the design phase, installation, and even through the recycling of legacy lighting equipment.

Our process includes, but is not limited to:

- Performing spot-checks on installed lights to ensure proper installation procedures are being followed.
- Manage installations daily and provide Real Time status updates of the project with an online dashboard view.
- Supporting our installation contractor and ensuring their work meets or exceeds all expectations.

Available grants and rebates relating to the LED conversion project -

Affinity has work with Eversource and NH Saves on every project to ensure that we get the maximum incentives as called out in our pricing proposal.

Value Added Services

Our products are locally built by **US Veterans only 31 miles and about 45 minutes from the Town of Candia**. In fact, our entire team of partners, from GIS, lighting design, assembly, service, installation, maintenance and recycling are Northern New England Based. Affinity LED is putting a lot of good people from Maine, New Hampshire, and Vermont to work. That's more **"Doing Well and Doing Good!"**

Elimination Of Packaging Waste – See Appendix





GIS Services



The following is a response to items pertaining to **AUDIT**, through out this document you will see that a GIS is important for initial inventory verification and physical location, conducting basic lighting layout review, Utility (Eversource) reconciliation and advance conversion tracking. This service is also the best practice for creating a dashboard for the Town and Affinity to track the conversion in real time. Finally post conversion it is the best resource to report all final changes to Eversource for updated billing.

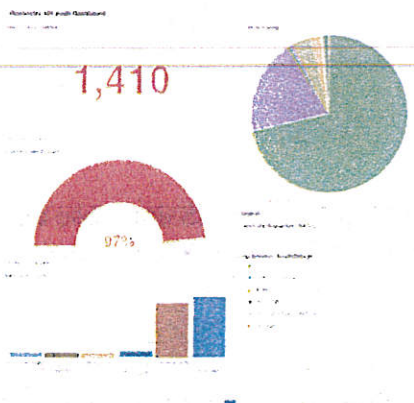
Affinity LED Lighting's GIS Project Team ("Project Team") includes our staff and our subcontractors from VHB (Vanasse Hangen Brustlin, Inc.) based in Bedford, NH. Together we will make extensive use of GIS-based technology to support the entire project life-cycle. This task will include confirming the Town-wide street light inventory via field collection audit using GIS-based mobile technologies, developing a comprehensive GIS database, and implementing web-based dashboard that will track the project from inventory to installation to finalization. Key tasks will include:

Geodatabase Design and Mobile Application Configuration

The Project Team will develop a street light Esri Geodatabase design and mobile data collection framework based on Esri's ArcGIS Online technology. Through this process a standardized database will be configured and implemented, data collection and condition assessment standards will be established, and a cloud-based, mobile data collection application (which runs on iOS and Android devices using ArcGIS Collector application) will be configured and implemented.

Field Data Collection and Street Light Audit

The Project Team will confirm your Town's actual installed streetlight assets and gather additional attributes to aid in the conversion and Designed Lighting Retrofit plan using the mobile data collection tools and GIS database developed as part of the previous task. To complete this effort, we will make use of iPad mobile data collection devices running a custom-configured version of ArcGIS On-line's "Collector" application. As the field crew completes an audit, they will save the data, in real-time, to our cloud-based database. A web-based dashboard application will allow the project team to track progress (in real time), notify the project team of problems, and to support the installation process.

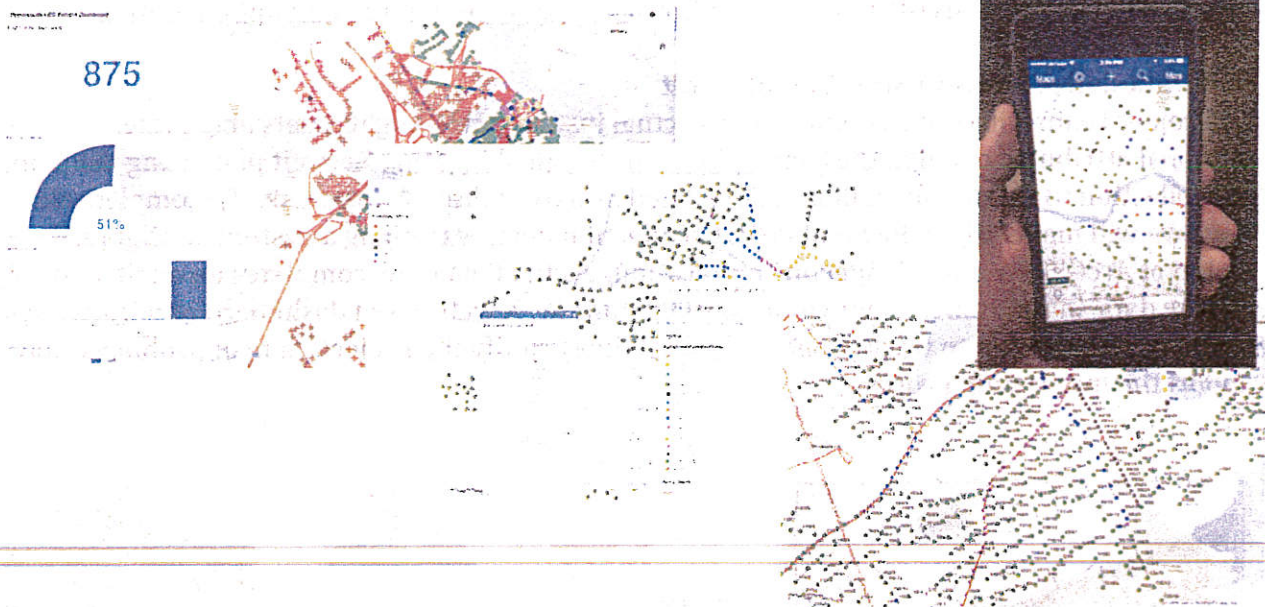


Inventory Reconciliation, Data Review , and Lighting Design Support

Upon completion of the inventory audit, the Project Team will conduct a quality review of the field audit data and complete a inventory reconciliation. During this process, we expect to reconfirm the Town's current inventory, but may find a small percentage of street lights that either a) should be on the ledger but are not, or b) are on the ledger but should not be. The Affinity Team will work with you and Eversource to reconcile as many anomalies as possible and we will provide an "exceptions" list that can be used by the Town to further refine the asset inventory. Once complete, the GIS database is also used to inform our certified lighting designer. By simply overlaying key data points to be considered in the creation of our designed retrofit the GIS process aids the designer and Town Stakeholders in visualizing the resulting plan before the conversion begins.

Retrofit Project Tracking System

The Project Team will implement technologies that will support the conversion process. This will include supplying installation teams with the mobile data collection devices used to support the inventory process and development of a project tracking dashboard. As a conversion is completed, install crews will update the GIS database in real-time. A "Project Tracking Dashboard" will be implemented to allow all project stakeholders to track the process in real-time. This will allow Affinity to track progress, generate reports, and even provide weblinks to the Town. The dashboard will be based on Esri's ArcGIS Online technology and will be viewable on any web-browser.



Final GIS Deliverable

The Affinity LED Team will finalize the GIS database and deliver it to you as a seamless, Town-wide Esri File Geodatabase. This geodatabase will conform to the Town's GIS standards and will easily integrate into your existing GIS system.

The result of this task will be a Town-wide, street light Esri geodatabase and a web-based project tracking system that will allow the project team, you to view project status in real-time. This allows our Project Team to effectively communicate with all Town stakeholders, track progress, and notify the Town and Eversource of potential problem areas.



Warranty Statement



Affinity LED Light LLC **Street Lighting – 10 Year Limited Warranty Policy**

This limited warranty is provided by Affinity LED Light LLC ("Seller") to Candia, New Hampshire ("Purchaser"), as the original purchaser of the LED street lighting products as identified on Seller's invoice reflecting its original purchase (the "Product"). Seller warrants that the Product, when delivered in new condition and in its original packaging, will be free of defects in material and workmanship for a period of **TEN (10) YEARS** from the date of original purchase. The determination of whether the Product is defective shall be made by the Seller, in its sole discretion, with consideration given to the overall performance of the Product. This limited warranty is void if the product is not used for the purpose for which it was designed.

A Product shall not be considered defective solely as a result of the failure of individual LED components to emit light if the number of inoperable components is 10% or less of the total number of LED components in the Product. If Seller determines the Product is defective, Seller will elect, in its sole discretion, to refund the purchase price of the Product, repair the Product, or replace the Product with a comparable product utilizing current technology at the time of replacement.

This limited warranty will not apply to loss or damage to the Product caused by: negligence; abuse; misuse; mishandling; improper installation, storage or maintenance; damage due to acts of God or nature; vandalism; civil disturbances; power surges; improper power supply; electrical current fluctuations; corrosive environment installations; unauthorized alteration/repair; accidents; failure to follow installation, operating, maintenance or environmental instructions prescribed by Seller or applicable electrical codes; or improper service of the Product performed by someone other than Seller or its authorized service provider.

This limited warranty includes field labor and service charges exclusively related to the repair or replacement of the Product determined defective, for a period of **ONE (1) YEAR** from the date of original purchase.

Seller will provide new products or parts in the warranty repair or replacement process, which will be warranted for the remainder of the original warranty period. In order to make a warranty claim, Purchaser must notify Seller in writing within sixty (60) days after discovery of the defect and comply with Seller's other warranty requirements. Upon receiving that notice, Seller may require Purchaser to promptly return the Product to Seller, or its authorized service provider, freight prepaid. Before returning any product, a Returned Material Authorization should be obtained from the Seller, and the RMA # clearly marked on the return packaging. Failure to exercise the above RMA policy and procedures will void all warranty responsibilities on behalf of Affinity LED Light LLC.

The foregoing warranty provisions are exclusive and are given and accepted in lieu of any and all other warranties, whether expressed or implied, including without limitation any warranty against infringement and any implied warranties of merchantability or fitness for a particular purpose. In no event shall Seller be liable for incidental, compensatory, consequential, indirect, special, or other damages. Seller's aggregate liability with respect to a defective product shall in any event be limited to the monies paid to Seller for that defective product. This warranty is effective for purchases of Products on or after the effective date set forth below. Seller reserves the right to modify this warranty from time to time. Any modification of this warranty shall be effective for all orders placed with Seller on or after the effective date of such revised warranty.

Effective Date: Upon Contract / Invoice Date



Elimination of Product Packaging Solid Waste

"Candia, NH avoids 54 lbs. of solid waste and 29.9 lbs of CO2 during their LED Streetlight installation"

Our view of doing business often inspires us to make decisions that cannot be measured in dollars and cents alone. We are taking steps to reduce packaging waste, which has become a common byproduct in industries like ours. Our decision directly lessens the burden on recycling centers and landfills, which further reduces greenhouse gas emissions and supports improved air quality and public health in our local communities. We founded our company on this belief, that...

Doing Well and Doing Good are not mutually exclusive business goals.

In the spirit of *Doing Good*, we have introduced the use of round-trip reusable totes for transporting our locally produced S900 Series Cobraheads from our UL Approved Manufacturing Site in Dover, NH to the cities and towns where our streetlights are being installed. Our decision results in the elimination of corrugated cartons and other packing materials, which would otherwise enter the waste stream... quite the opposite result of our intent for LED lighting conversions.

Each one-time use package that we don't use equals the avoidance of 1.5 lbs of solid waste and 0.831 lbs. of CO2*. We've also experienced that the reduction of one time use packaging has made our installation process more efficient, saving time and energy by avoiding trips to offload waste.

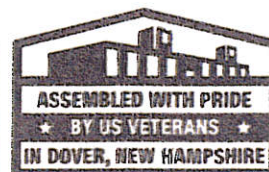
Our industry colleagues worry about where to place the dumpster. We don't need one!



(L to R) Steve Lieber, President, Affinity LED - Randy Dixon, Sr. Engineer, Eversource - Vic St. Pierre, Assistant Director DPW, Claremont, NH

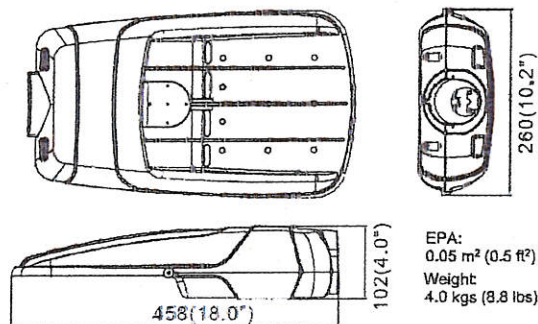
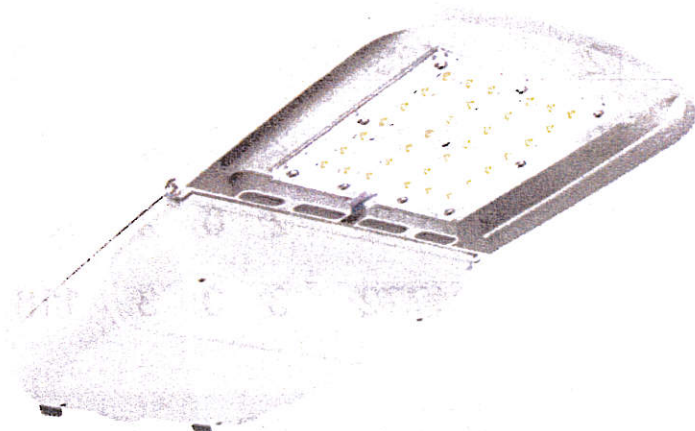
*carbon footprint calculation tool commissioned by the Corrugated Packaging Alliance (CPA)





S900D Series DOB Roadway Luminaire LED Street & Area Lighting

The S900D Series distills the benefits of combining industry-leading components and extended lifetime DIRECT AC LED technology (DOB) with pragmatic design and American-Built reliability. The outstanding photometric performance results in sites with excellent uniformity, allowing greater pole spacing and lower power density. The S900D Series is the industry's best alternative available for traditional street and area lighting with quick payback and improved performance.



Standard Features

- ★ Revolutionary Patented *Multi-Volt DOB* Technology Eliminates Drivers and Extends Lifetime
- ★ Seoul Semiconductor's new MJT High Powered Series provides Industry Leading Efficiency & Lifetimes
- ★ LED Lifetime Rating > 170,000 hours L70 @55°C (per IESNA TM-21-11)
- ★ Night Sky Friendly (zero uplight) with integrated backlight-shield
- ★ Reduced-glare optical lenses standard in Type II, Type III and Type V photometric distributions
- ★ Available in 3000K, 4000K and 5000K Correlated Color Temperatures
- ★ Tool-Less Entry with Connect-Safe™ for Lineman Friendly installation
- ★ Die-Cast Aluminum Housing and Housing Door with Ultra-durable powder-coat finish that resists corrosion, abrasion and UV-degradation
- ★ Integrated Tilt Adjustment ±5°
- ★ Built-in Bird-Guard
- ★ Input Voltage: 120-277V, 50/60Hz
- ★ Ambient Operating Temperatures -40°C to +50°C
- ★ Smart Ready with 7-pin Photocontrol Receptacle (per ANSI C136.41) and 0-10V Dimming Capability
- ★ 10-Year Limited Warranty

Product Specifications (S900D - S903D)

Example: S90XD-XXW-XXK-TX-XX → S901D-50W-30K-T2-GR

MODEL	POWER	COLOR TEMP (CCT)	DISTRIBUTION	FINISH
S900D	18W	30K: 3000K 40K: 4000K 50K: 5000K	T2: TYPE II T3: TYPE III T5: TYPE V	BR: BRONZE BL: BLACK WH: WHITE GR: GREY SL: SILVER
S900D	25W			
S901D	50W			
S902D	75W			
S903D	100W			

S900D - S903D Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Actual performance may differ as a result of end user environment and application. Actual wattage may differ by +/-10% when operating between 120-277V +/-10%. Contact us directly for performance data on any configurations not shown here.

MODEL	SYSTEM WATTS	INPUT CURRENT	DIST TYPE	3000K				
				LUMENS	B	U	G	LPW
S900D	18W	155mA	T2	2572	1	0	1	143
S900D	25W	210mA	T2	3503	1	0	1	140
S901D	50W	410mA	T2	6195	2	0	2	124
S902D	75W	645mA	T2	9818	2	0	2	131
S903D	100W	785mA	T2	11772	3	0	3	118

Certifications and Qualifications

- ★ DesignLights Consortium® Qualified Products Listed (DLC QPL)
- ★ UL® Certified Manufacturing Site in Dover, NH
- ★ Certified Electrical & Photometric Measurements (per IESNA LM-79-08)
- ★ Certified to ANSI C136.31-2001 3G Bridge & Overpass Vibration standards
- ★ 10Kv Surge Suppression Protection tested in accordance with IEEE/ANSI C62.41.2
- ★ Luminaire & finish endurance tested to ASTM B1117-11 Salty Fog test standards
- ★ Additional Powder-Coating Strength & Adhesion testing (meets ASTM D454/D522 standards)
- ★ Suitable for Wet Location, meets IP66 (per IEC 60529-2013 standards)
- ★ Meets FCC Part15, Subpart B, Class B per ANSI C63.4-2014
- ★ Meets International Dark Sky Association requirements for reduced glare, light trespass & light pollution
- ★ RoHS Compliant
- ★ American Built by U.S. Veterans

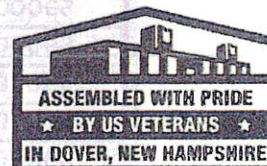


LISTED

multi-volt
DOB



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fax +1-603-590-8897
www.affinityledlight.com





LED Conversions, Inc.
50B Northwestern Drive, Suite 10
Salem, NH 03079
(603) 898-1144
www.LEDconversionsINC.com

Bob Chapman
Cell: 603-231-3378
bob@ledconversionsinc.com

Al Couch
Candia Recycling & Energy Committee

Dear Al,

Thank you very much for the opportunity to provide a quote for Candia's streetlight replacement project. This quotation is all inclusive to this project:

Fixtures
Photo cells
Installation
Permits
Details
Proper Reclaiming of fixtures, bulbs, and ballasts

The project consists of (36) streetlights from a list provided by Eversource (Municipal Street Lighting- Candia) and the count is broken down into (24) 30 watt LED Cobrahead fixtures and (12) 50 watt LED Cobrahead fixtures. Proposed fixtures have been approved for incentives by Eversource and the total incentive amount is 100 dollars per fixture for a total incentive of \$ 3600.00.

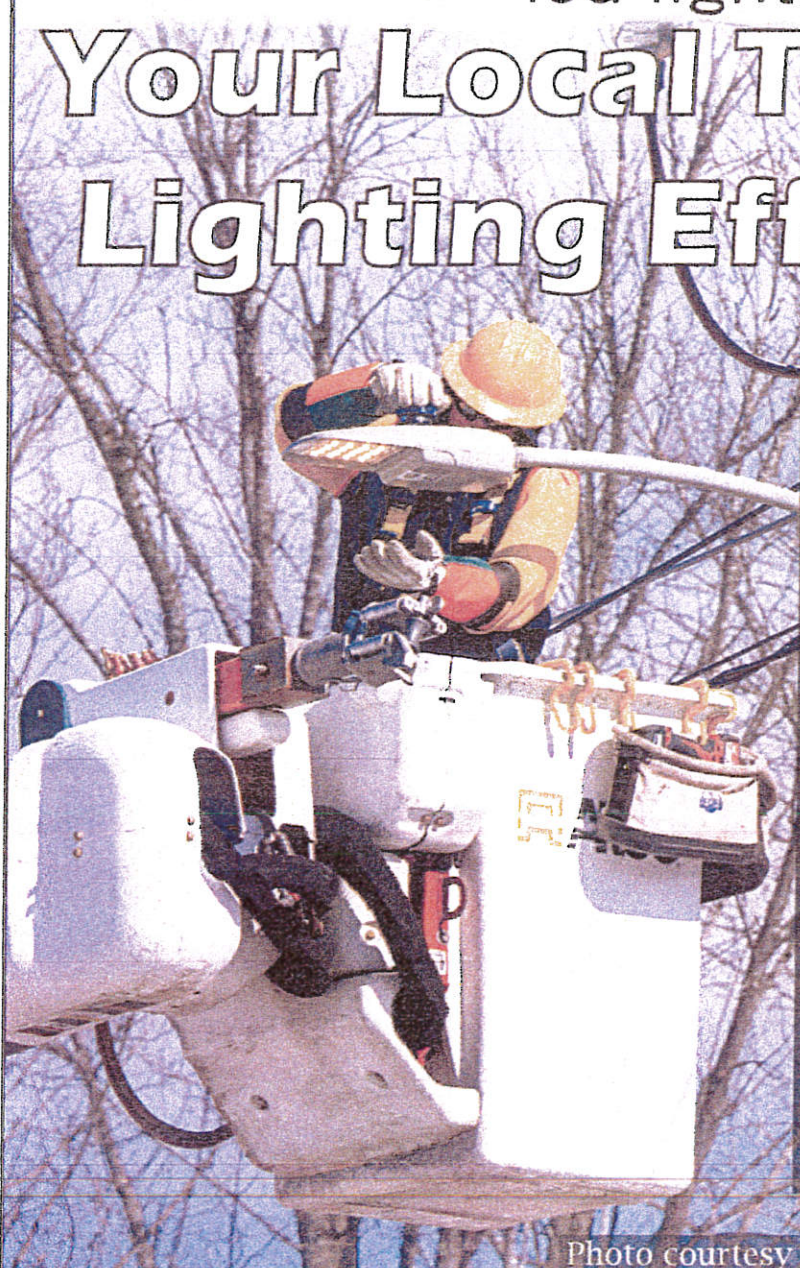
The all-inclusive job cost is \$ 22066.20 and, as stated, Eversource will pay \$ 3600.00 in incentives upon completion.

Thanks again for the opportunity and please contact me with any question,

Bob



Your Local Team for Lighting Efficiency



Our dedicated staff at Affinity LED Lighting, New England's **only lighting manufacturer**, are committed to saving communities across New England up to 90% on their energy bills through LED upgrades.

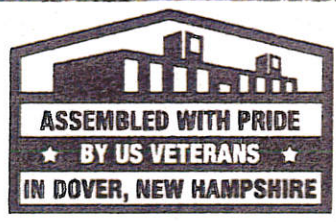
Why have **70** local communities trusted Affinity LED for their municipal lighting conversion projects?

Because we are committed to providing our clients with the **highest quality American Built products** at the lowest cost, safely and professionally installed in an environmentally-friendly way.

That's *Doing Well and Doing Good!*

Photo courtesy of Matthew Nazar, City of Augusta

To find out how Affinity LED can **Do Well and Do Good** for your community,
Call Us! (978) 378-LED8
affinityLEDlight.com





<http://www.lrs-lighting.com>

234 Ballardvale Street

Wilmington, MA 01887

Tel: (978) 988-7800

Fax (978) 988-7862

Email: info@lightingretro.com

Lighting System Retrofit Proposal for:

Town of Candia

Street Lighting Project

December 22, 2020

Detailed Lighting Analysis
 Town of Candia
 Street Lighting Project
 12/22/2020

Line #	Bldg.	Fl	Location	Existing				Proposed						
				Quantity	Type	Watts	Hours	kWh	Quantity	Type	Watts	Hours	kWh	Controlled kWh
1	Town of Candia - Street Lighting	os	Flint Rd	1	50W-HPS-Cobra Head w/Photocell	65	4,368	284	1	No Retro	65	4,368	284	-
2	Town of Candia - Street Lighting	os	Chester Turnpike	1	50W-HPS-Cobra Head w/Photocell	65	4,368	284	1	17W-LED-Cobra Head w/Photocell	17	4,368	74	-
3	Town of Candia - Street Lighting	os	High Street - Green River Growers	1	150W-HPS-NH Fixture w/Photocell	190	4,368	830	1	No Retro	190	4,368	830	-
4	Town of Candia - Street Lighting	os	High Street	5	50W-HPS-Cobra Head w/Photocell	65	4,368	1,420	5	17W-LED-Cobra Head w/Photocell	17	4,368	371	-
5	Town of Candia - Street Lighting	os	South Rd by High Street	1	50W-HPS-Cobra Head w/Photocell	65	4,368	284	1	17W-LED-Cobra Head w/Photocell	17	4,368	74	-
6	Town of Candia - Street Lighting	os	Deerfield Rd	6	50W-HPS-Cobra Head w/Photocell	65	4,368	1,704	6	17W-LED-Cobra Head w/Photocell	17	4,368	446	-
7	Town of Candia - Street Lighting	os	Old Deerfield Rd	1	50W-HPS-Cobra Head w/Photocell	65	4,368	284	1	17W-LED-Cobra Head w/Photocell	17	4,368	74	-
8	Town of Candia - Street Lighting	os	Critchett Rd	1	100W-LED-Cobra Head w/Photocell	100	4,368	437	1	No Retro	100	4,368	437	-
9	Town of Candia - Street Lighting	os	Island Road	1	50W-HPS-Cobra Head w/Photocell	65	4,368	284	1	17W-LED-Cobra Head w/Photocell	17	4,368	74	-
10	Town of Candia - Street Lighting	os	Raymond Rd	2	50W-HPS-Cobra Head w/Photocell	65	4,368	588	2	17W-LED-Cobra Head w/Photocell	17	4,368	149	-
11	Town of Candia - Street Lighting	os	Raymond Rd	1	150W-HPS-Shoobox	190	4,368	830	1	No Retro	190	4,368	830	-
12	Town of Candia - Street Lighting	os	Old Candia Rd	7	100W-HPS-Cobra Head w/Photocell	130	4,368	3,978	7	39W-LED-Cobra Head w/Photocell	38	4,368	1,182	-
13	Town of Candia - Street Lighting	os	Old Candia Rd	1	150W-HPS-Cobra Head w/Photocell	190	4,368	830	1	57W-LED-Cobra Head w/Photocell	57	4,368	248	-
14	Town of Candia - Street Lighting	os	Old Candia Rd	1	70W-HPS-Cobra Head w/Photocell	90	4,368	388	1	25W-LED-Cobra Head w/Photocell	25	4,368	108	-
15	Town of Candia - Street Lighting	os	Old Candia Rd	1	100W-LED-Cobra Head w/Photocell	100	4,368	437	1	No Retro	100	4,368	437	-
16	Town of Candia - Street Lighting	os	South Rd	1	50W-HPS-Cobra Head w/Photocell	65	4,368	284	1	17W-LED-Cobra Head w/Photocell	17	4,368	74	-
17	Town of Candia - Street Lighting	os	Old Manchester Rd	1	50W-HPS-Cobra Head w/Photocell	65	4,368	284	1	17W-LED-Cobra Head w/Photocell	17	4,368	74	-
18	Town of Candia - Street Lighting	os	Route 101 Ramps	2	250W-HPS-Cobra Head w/Photocell	285	4,368	2,577	2	96W-LED-Cobra Head w/Photocell	96	4,368	839	-
19	Town of Candia - Street Lighting	os	Main St	3	50W-HPS-Cobra Head w/Photocell	65	4,368	852	3	17W-LED-Cobra Head w/Photocell	17	4,368	223	-
20	Town of Candia - Street Lighting	os	Cyaa Fields	4	50W-HPS-Cobra Head w/Photocell	65	4,368	1,138	4	No Retro	65	4,368	1,138	-
21	Town of Candia - Street Lighting	os	Langford Rd	2	250W-HPS-Cobra Head w/Photocell	285	4,368	2,577	2	96W-LED-Cobra Head w/Photocell	96	4,368	839	-
22	Town of Candia - Street Lighting	os	Depol Rd	1	50W-HPS-Cobra Head w/Photocell	65	4,368	284	1	17W-LED-Cobra Head w/Photocell	17	4,368	74	-
				45				20,835	45				8,839	
				Total Existing kWh				20,835	Total Retro kWh				8,839	

Lighting kWh Saved	11,946
% Hours Saved by Sensor	40%
Sensor kWh Saved	-
Combined kWh Saved	11,946

kW Saved: 2.735

Note: Hours of operation used in analysis are provided by the customer



Phone : 978-988-7800

Fax : 978-988-7882

Project Quotation

Customer: Town of Candia
Project: Street Lighting Project

Date : 12/22/2020

Quantity	Proposed System	Unit	Total
23	17W-LED-Cobra Head w/Photocell	\$ 430.67	\$ 9,905.41
1	25W-LED-Cobra Head w/Photocell	\$ 430.67	\$ 430.67
7	39W-LED-Cobra Head w/Photocell	\$ 441.33	\$ 3,089.31
1	57W-LED-Cobra Head w/Photocell	\$ 484.00	\$ 484.00
4	96W-LED-Cobra Head w/Photocell	\$ 564.00	\$ 2,256.00
1	Lift Fee	\$ 3,000.00	\$ 3,000.00
1	Recycle Fee	\$ 76.50	\$ 76.50
1	Trash Fee	\$ 500.00	\$ 500.00

Project Total \$ 19,741.89

Plus Applicable Taxes

Note:

- Hardware and Equipment are included.
- Labor is first shift, non-union, non-prevailing wage.
- Materials, Trash, and Lamp Recycling are included.
- Permit Fee is not included and will be billed additionally at face value plus 15% Administration Fee.
- Police Detail Not Included.
- Recycling of PCB ballasts, if discovered, is not included.
- All exterior lighting retrofits predicated upon good, active feeds and grounds at each location.
- Any necessary repair work quoted separately.
- Price is valid for 60 days from quote date.
- Applicable Taxes are not included.

Town of Candia
Street Lighting Project
LRS Financial Analysis
12/22/2020

Lighting Cost		\$19,741.89
Sensor Cost (included above)		
Total Project Cost		\$19,741.89
Estimated Lighting Rebate		\$3,600.00
Estimated Sensor Rebate (included above)		
Estimated Total Rebate		\$3,600.00
Lighting Savings		\$2,678.40
Sensor Savings		\$0.00
Total Project Savings		\$2,678.40
Total Maintenance Savings		\$1,087.52

Project Cost	\$19,741.89
Est. Rebate	\$3,600.00

Estimated Net Cost	\$16,141.89
Total Combined Annual Savings	\$3,765.92

Simple Payback **4.29 Years**

Linda Chandonnet

From: Carolyn Drexel <carolyndrexel@aol.com>
Sent: Friday, April 23, 2021 3:25 PM
To: Linda Chandonnet
Cc: murphgal54@gmail.com
Subject: PropertyM/L/B 404-018-000 and M/L/B 404-117-000

To The Town of Candia Selectmen

Dear Selectmen,

My name is Carolyn Drexel and I am writing on behalf of the current owners of the Railroad bed property M/L/B 404-018-000 and M/L/B 404-017-000. In order to understand our request, I will explain the story that gets us to this point. Many years ago, my step grandfather and my paternal grandmother (Paul and Frances Sergeant) created Charmingfare Golf course and in doing so, the two properties aforementioned were carved out. I am not sure why they carved it out,(rumor has it, it was so the the Sergeants would still have property in Candia?) but they did and created these two parcels of land. After my grandfather passed, that property was then made part of the Frances Sergeant Trust, which was paying the taxes of \$10 annually. Upon the death of my grandmother, the Trust passed to my father and subsequently to my Mother who passed away 5 years ago. As Executor of her Will, I then dealt with the Attorney who was in charge of the Trust. It was at that point the this property was left to Paul and Frances Sargeant's heirs. That would be John Sergeant, Winn Sergeant and Kenneth Webster. However, upon the death of my Mom(Ethel Webster) all three men were deceased, which meant the property was left to THEIR heirs. I was not aware of everyone's address or whereabouts, so not everyone is familiar with this situation. I have discussed this with Paul Sergeant, (Son of Winn Sergeant) and with Catherine Murphy (daughter of John Sargeant) and we are in agreement that this is worthless property and that we should gift it to the town. We have not paid the taxes this past year, looking for a solution. According to the tax forms, there will be a lien put onto the property as of 4/30 of this year and if the taxes aren't paid by next year, the property would then go to the Town of Candia. Which is fine with us, but we are concerned about our personal credit. We do not want that showing up personally.

Therefore, we would like to give this property to the Town without any reflection on the our personal credit. Any guidance or information, would be greatly appreciated. All of the grandchildren of Paul and Frances Sergeant, live all over the country and we are all in our 60 and 70's. If this gets passed to the next generation, it will be a real mess.

Thank you for your time, and I look forward to hearing from you.

Yours truly

Carolyn Drexel

Grant Reimbursement to General Fund

“I Move to reimburse the Fire Department’s operating budget with Federal FEMA Grant monies received for PPE in the amount of \$11,422.90”



Candia Volunteer Fire Department

11 Deerfield Road
Candia, New Hampshire 03034
(603) 483-2202 (603) 483-2311 (fax)
www.CandiaVFD.org



June 11, 2021

Town of Candia
Board of Selectmen

Re: Vote to accept the 2021 FEMA Assistance to Firefighters Grant (AFG) and credit the funds to the Fire Department 2021 Operating Budget

The Town has received the 2021 **FEMA Assistance to Firefighters Grant (AFG)**. The Town of Candia received a check in the amount of \$11,442.90 representing these grant funds.

I request that these funds be accepted by the Town of Candia and upon doing so, these funds be credited to the Fire Department's 2021 operating budget.

Thank you,

A handwritten signature in black ink that reads "Dean M. Young".

Dean Young
Fire Chief
Candia Volunteer Fire Dept.

Weekly Payroll and Accounts Payable Manifest Totals				
<u>Check Date</u>	<u>Payroll Manifest</u>	<u>Total Amount</u>	<u>Payroll Subtotal</u>	
06/03/21	1159-01	34,285.92	34,285.92	<i>includes stipends</i>
06/10/21	1160-02	19,701.42	53,987.34	
06/17/21	1161-01	17,146.68	71,134.02	
<u>Check Date</u>	<u>Accts Pay Manifest</u>	<u>Total Amount</u>	<u>Accts Pay Subtotal</u>	
06/03/21	202122	570,053.06	570,053.06	<i>school 492,212.00</i>
06/10/21	202123	12,440.58	582,493.64	
06/17/21	202124	17,331.65	599,825.29	
Grand Total Payroll and Accts Pay			670,959.31	