

Subject to Approval

Town of Southbury
Board of Selectmen
Regular Meeting Minutes (amended for job description)
February 1, 2018
Room 205, Southbury Town Hall, 7:00 pm

Present

Jeff Manville, First Selectman
Jennifer Naylor, Selectman
Justin Bette, Selectman
Jason Buchsbaum, Selectman
Mike Rosen, Selectman
George Bertram, Selectman

Also Present

Art O'Neill, State Representative
Hugh Sullivan, Streetscape Representative
Don Antilla, Planning Commission
DeLoris Curtis, Land Use Administrator
Noreen Thompson, Office Manager
Len DeJong, PRWC
Cindy Harrison, Assistant to the First Selectman
Interested Citizens
Members of the Press

Call to Order

First Selectman Manville called the regular meeting of the Board of Selectmen to order at 7:00 pm in room 205 of the Southbury Town Hall.

Pledge of Allegiance

All joined in reciting the Pledge of Allegiance.

Public Comment

Mr. Vincent Brancato of Woodbury and a volunteer for the Food and Water Watch offered his assistance if there are any questions pertaining to the potential fracking ordinance.

Mr. Scott Schaake of High Ridge Rd. and USA LED thanked the board for all of their diligent work over the past two years. He went on to reference a letter he sent earlier to the board outlining some concerns with regard to the streetscape lighting especially dark sky compliance. He then detailed some history of streetscape.

Presentations

1. Streetscape

First Selectman Manville explained that the upcoming presentation is in response to questions raised at the last meeting with regard to the transparency and expertise surrounding the process to choose a "fix" for the lights along Main Street South. Mr. Hugh Sullivan presented an overview of his background as well as the history of streetscape. (presentation is attached to these minutes) Mr. Don Antilla presented his background and a detailed account of the process that the lighting working group used to determine the best course of action for the repair of the streetscape lighting. Extensive testing was completed with the results as shown in the attached presentation. Discussion ensued as to whether the "fix" is dark sky compliant as well as compliant with the town regulations. Mr. Antilla explained that after all of the research and testing it was determined that the fix is dark sky compliant and meets the town regulations. Selectman Rosen questioned whether the town is compliant with State or Federal standards. Mr. Antilla replied that he is unaware of those kinds of standards. Is this a quality of life change that is proposed or is it a liability issue, asked Selectman Rosen? Discussion ensued. Mr. Sullivan explained that the current lighting is ten percent of industry standard.

Mrs. Curtis addressed the board to clarify that Mr. Sullivan did not do the streetscape design; rather William Presley Associates did the design. There was extensive research done by committee before the lighting was chosen which is why, aside from the design aesthetic, the lighting design should be left as is.

Selectman Bertram gave a brief overview of his credentials, which include electrical engineering. He explained that the working group considered all options for repair, and after much consideration concluded that the recommendation is the way to go.

Selectman Naylor took exception to one of the slides in the presentation, which quoted her with regard to the change to induction bulbs back in 2010.

Selectman Naylor then read a memo from former First Selectman Davis with regard to the lighting change that was done in 2010. This memo is attached to these minutes.

Selectman Buchsbaum thinks it would be beneficial to all if the information compiled to date were given to an independent third party expert to review and make a recommendation, this would add a level of protection that would benefit the town and its volunteers. Selectman Rosen agreed, and asked that the quote attributed to Selectman Naylor be omitted when the information is passed on to a third party. After some discussion, it was agreed that the First Selectman would contact the town's on-call engineering firms in order to determine what an analysis like this would cost.

2. Arthur O'Neill – update on State issues

State Representative Arthur O'Neill reported that the legislature reconvened and overrode the Governors cuts to the Medicare savings program.

Tolls are once again being considered. This would more than likely have a detrimental effect on municipalities with highways running through them, as Southbury does.

ECS funding and formula was discussed.

Announcements and Correspondence

All announcements and correspondence are available on the town website.

1. Letter from Beatriz Gallup to First Selectman expressing her thanks for the Dial a Ride program.
2. Hidden Wonders of Korea program at Library.
3. Hank Meirowitz exhibit at Library.
4. Opioid Epidemic program at Library.
5. Stroke Awareness Program at Library.

Consent Agenda

Selectman Buchsbaum moved to approve the consent agenda, Selectman Bertram seconded and all were in favor. Motion carries.

1. Resignations/Appointments

RESOLVED, that the Southbury Board of Selectmen hereby accepts the resignation of Gregory A. Goolkasian as an alternate member of the Ethics Commission, effective immediately.

RESOLVED, that the Southbury Board of Selectmen, upon the recommendation of the Republican Town Committee, hereby reappoints/appoints the following:

Cable Advisory Committee - reappoints Paul Katzmark, for a term to expire on June 30, 2019.

Economic Development Commission – reappoints Marietta E. Korsu, for a term to expire on January 15, 2023.

Historic Buildings Commission - reappoints Laura Hine and Paul C. Lasewicz; and appoints Joseph J. Hine as members, for terms to expire on January 15, 2022.

Historic Tree Restoration Committee - reappoints Shanna Bertram and Joseph J. Hine, for terms to expire on January 15, 2022.

Lake Zoar Authority - reappoints Frank Cavallo, for a term to expire on January 15, 2021.

Library Board of Directors – reappoints Ralph Camasso and Charles Crowdis, Jr., for terms to expire on January 15, 2022.

Parks & Recreation Commission - appoints Paul Brophy of 87 Meadow Brook Road as an alternate member, for a term to expire on January 15, 2020.

Public Appeals Board – reappoints Helena M. Jedlinsky, for a term to expire on January 15, 2023.

Senior Services Commission – reappoints Kathleen Blersch and Mary H. Dunn, for terms to expire on January 15, 2022.

Water Pollution Control Authority - reappoints Rae A. Van Egas, for a term to expire on January 15, 2020.

2. Driveway bond release

RESOLVED, that the Southbury Board of Selectmen, upon the recommendation of the Driveway Inspector, hereby releases the following Driveway bond in the amount of \$1,500:

**PRINCIPAL: Connecticut Sealcoating LLC
PROPERTY: 135 Luna Trail
(Town File 17-27)**

3. Referral from Land Use –

a. request to purchase property

RESOLVED, that the Southbury Board of Selectmen, upon the recommendation of the Planning Commission and in accordance with Section 8-24 of the Connecticut General Statutes, hereby approves the request of Charles Fernandes to purchase town owned property as shown on Map 19A, Block 45, Lots 1, 2, 65, 66; Block 48, Lots 64 – 68; Block 49, Lots 69 – 74; and Block 50, Lots 46 – 54, subject to the following:

- 1. That the deed of conveyance be acceptable to the Town Attorney and contains the notation that these lots become part of the buyer's current property as a whole and remains as one parcel, without consideration of subdivision at any time;**
- 2. That the purchase price for these lots is the assessed value; and**
- 3. That the buyer is responsible for any and all fees associated with the sale of this property.**

b. donation of property

RESOLVED, that the Southbury Board of Selectmen, upon the recommendation of the Planning Commission, hereby accepts the donation of property from Loisann Huntley, as described on Map 20A, Block 16, Lots 12 – 14.

~~4. Job Description – Zoning Secretary~~

Minutes

1. January 18, 2018

Selectman Naylor moved to approve the minutes as presented, Selectman Bette seconded and all were in favor with Selectman Rosen abstaining due to absence. Motion carries.

Transfers

1. Refunds

Selectman Bette moved, Selectman Bertram seconded and it unanimously RESOLVED that the Southbury Board of Selectmen hereby approves and refers the following Transfer to the Board of Finance:

#18-03	DEPARTMENT:	Refunds	
FROM:	Fund Balance		\$130,000
TO:	Refunds		\$130,000

To transfer additional funds needed to cover refunds for taxes paid twice.

BE IT FURTHER RESOLVED, that the Board of Selectmen hereby schedules a Town Meeting to be held on Thursday, February 15, 2018 at 7:00 p.m. in Room 205 of the Town Hall to act on the above Transfer. Motion carries.

Unfinished Business

1. Fracking Waste Ordinance

Selectman Rosen stated that he is in support of this ordinance and asked if the town attorney has reviewed it. Selectman Buchsbaum supports town counsel review and asked that he clarify what exactly we are regulating, who would be in charge of enforcement, and what the penalties would be. Mr. Len DeJong of Pomperaug River Watershed Coalition gave a brief update with regard to the moratorium on fracking waste. The bureau chief at the State has indicated that local ordinances would not adversely affect the planning that is in the works at the State level. PRWC endorses a local ordinance in order to protect our water resources.

Selectman Bette moved to have town counsel review a fracking ordinance, Selectman Bertram seconded, and all were in favor. Motion carries.

This will be taken off the agenda until Attorney Tinley returns his opinion.

First Selectman Update

First Selectman Manville reported that the attorney representing the town in medical pooling has been contacted to represent a party associated with the opioid lawsuit. They need the town to give consent in order for the attorney to accept. This will be addressed at a future meeting.

Reports from Liaisons

Selectman Bertram – Road Study Committee, IT Committee, Region #15 space needs study, streetscape lights

Selectman Bertram did not have any meetings to report on.

Selectman Bette – Economic Development Commission, IPOC

Selectman Bette did not have any meetings to report on.

Selectman Buchsbaum – LEPC, Library

No meetings.

**Selectman Naylor – Senior Commission, Planning Commission,
Strategic Planning Task Force**

Nothing new to report.

Selectman Rosen – P & R Commission, EMS, Region 15

Selectman Rosen stated that the Parks and Rec Commission have requested clarification on the ownership of River Road Park. Selectman Buchsbaum suggests that title searches be done.

The EMS committee met and discussed an "in-town" medic. He suggests looking at the report that was done several years ago. He asked First Selectman Manville to look in to what a new analysis would cost. Selectman Rosen thinks that Southbury Ambulance President GERALYN HOYT and others should be invited to a future meeting.

Executive Session

1. Cynthia Edgar Lawsuit

Selectman Rosen moved to enter executive session for the purpose of discussing the Cynthia Edgar lawsuit at 9:06 pm, Selectman Buchsbaum seconded and invited Attorney Allen to join them, all were in favor. Motion carries.

Executive session closed at 9:22 pm, and the regular meeting resumed. Selectman Buchsbaum moved to settle the Cynthia Edgar lawsuit, Selectman Bette seconded and all were in favor. Motion carries.

Selectman Bertram moved to adjourn at 9:23 pm, Selectman Bette seconded and all were in favor. Motion carries.

Respectfully Submitted,

Betsy Rosa

Streetscape Lighting Repair

Agenda

Streetscape History

Standards, Objectives: Hugh Sullivan

Planning Commission Background

History, Compliance with Connecticut State statutes, Streetscape Committee history:

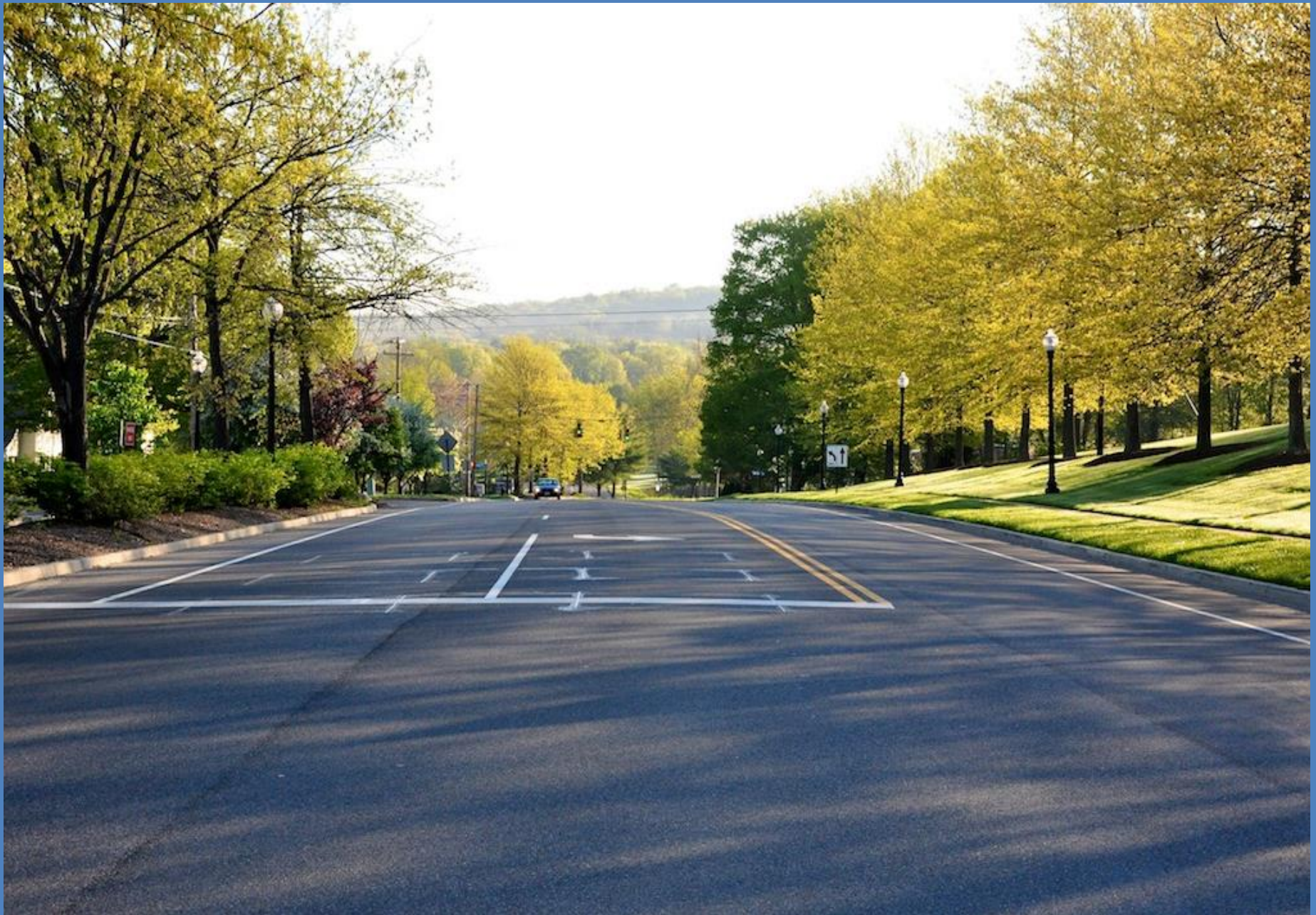
Technical Standards and Measurements: Don Antilla

Current status

Streetscape History and Objectives

- Hugh Sullivan
 - Streetscape Committee established in 1988
 - First Streetscape Plan finalized August 1990
 - Committee comprised of Selectmen/Planning/ and Zoning
 - Operates in conjunction with Planning Commission
 - Defined concept for an integrated system of sidewalks, lighting, trees, street benches for Main Street South
 - Formal adoption of Streetscape design October, 1990
 - Streetscape Revision reviewed and adopted by Planning Commission December 2014
 - (Show a few photos of the BEFORE & AFTER of MSS and show Washington globe)
 - Process for selection of historic Federal “Washington” globes

Streetscape Scene



Endorsements from relevant Boards and Commissions

Economic Development and SBA:

December 18, 2017

Dear Streetscape Committee,

We the members of the Southbury Economic Development Commission have been very involved in maintaining the beauty and charm of Main Street South. We have been working with the Streetscape Committee to keep the momentum going with our Flag Program. Lighting is a big part of our vision with the flag placement, so that their glory can even be seen at night.

This is also vital to the businesses in town that this thoroughfare is keep attractive and inviting. The Streetscape in Southbury's is our biggest asset. The amount of time and money that has been spent to create the way Main Street looks cannot be matched by any surrounding town. They are just beginning their efforts

Over the last three years, as you know, the lighting has become almost non-existent. The retro fit that was done in the past has been failing. Recently, the EDC has been made aware of the research that has been done regarding new lighting and we were very impressed by the time and energy spent to help make the right decision on lighting. With this forethought, we are in agreement that it would help commerce on Main Street. The lighting is a part of a very large asset that is continually maturing.

The Southbury Economic Commission implores you to maintain the beautiful globes that has become synonymous with our Main Street and restore them to their former radiance. This will ensure a welcoming environment for both citizens and commerce.

Sincerely,

Anne Armeno

Chair, Southbury Economic Development Commission

Parts Two & Three

Don Antilla

- Planning Commission and Connecticut Statutes
- Background on changeover to Induction lighting

- Technical Standards
- Measurements
- Summary

Endorsements from relevant Boards and Commissions

Economic Development and SBA:

Yes Don:

The Southbury Business Association strongly supports the Southbury Streetscape decision to maintain the design of the current globes ,with an increase in brightness and efficiency. We feel that great lighting is essential for supporting commerce and public safety.

Jack Zazzaro DMD.

John Eimer

Co- Presidents SBA

In a message dated 1/27/2018 10:50:44 AM Eastern Standard Time, [Don wrote:](#)

Jack: This is the letter from Anne Armeno which was prepared with your collaboration.

I'll be giving a presentation with Hugh and DeLoris at the next Selectmen's meeting.

I would like to label this endorsement as coming from both EDC and SBA, but would not do that unless you agreed that it is also endorsed by SBA.

Would you please either call or Email me so I know how I can label the title on the slide?

Thanks,

Don Antilla

Planning Commission Responsibilities and Participation

CT Statutes Sec 8-24 "Municipal Improvements: "No municipal agency or legislative body shall ... (4) Locate or extend... public facilities for ... lighting, power, ... and other purposes... until the proposal to take such action has been referred to the (Planning) Commission for a report."

Planning Commission & Streetscape Committee:

- Streetscape Plan is integral component of Southbury's Plan of Comprehensive Development (POCD)
- Streetscape Plan initially released in coordination with Planning and POCD in 1990 and updated in December, 2014
- Summary finding and recommendation:

Page 11, para.5:" Prohibit general urban-type lighting ...other than pedestrian street lights on Main Street South which shall be uniform for the length of the street."

History re USA LED light replacement

- *Change-over to Induction lights occurred in 2010 under Selectman's office staff*
- *Project went forward without the required referral to Planning Commission (ref CT statute 8-24)*
- *Change-over to Induction Lights did not follow the process defined in Connecticut General Statutes.*

The following statement may be found in Public Media:

Jennifer Naylor

Personnel Administrator/Paralegal at Secor Cassidy & McPartland, P.C.

January 17, 2012,

Jennifer was a client of Scott's

"The Town of Southbury purchased 250 energy efficient induction lighting from our company, USA LED for use in Post Top Lighting Fixtures on Main Street in Southbury, CT. Jennifer led the purchasing team for the Town of Southbury. Jennifer was very diligent in the organizing requisite information from the town of Southbury regarding their lighting requirements. She negotiated an excellent solution for the Town of Southbury arranging for a savings of \$15,000 per year for the town on an investment with a payback of under 3 years. Jennifer is a true professional who listens well and gets things done!"

Planning Commission Summary

- Changes in lighting must, by Law, be referred to Planning, but the referral did not happen
- Process to contract for USA LED induction lights was not transparent
- Dim lights resulted in complaints from citizens
- Light levels in comparison to the original halide lights were far below reasonable minimums
- Planning Commission tasked Sullivan (Streetscape Committee Chair) to structure a group in order to investigate, and report progress (2014-2018)
- Quantitative measurements commenced November, 2013 to objectively collect lighting data

Technical Process (Don Antilla)

- Observe
- Measure
- Report
- Investigate options to repair the lights if warranted by measurements
- Conduct staff work in a group assigned by First Selectman 1Q CY 2017:
 - George Bertram
 - Hugh Sullivan
 - Don Antilla

Lighting Technology Expertise

- Credentials:
 - Senior Technical Fellow (retired) - Sikorsky Aircraft
 - Technical Fellow induction: American Helicopter Society International
 - Forty-three years designing and testing electronic systems
 - Areas of expertise:
 - Secure voice and data communications
 - Cockpit lighting for day and night environments
 - Design and test of Integrally-illuminated helicopter Control Panels
 - Project engineer: first application of night vision and lighting for Vietnam rescue helicopters and night test flights to evaluate effectiveness in dark environments
 - Cockpit Displays;
 - early adopter of LED type lighting for cockpits and displays
 - Designed lighting balance capability for SH-60B Sea Hawk helicopters
 - Heads-up electronic displays
 - Electronic countermeasures
 - Tactical navigation
 - Developed new (existing) technical lighting standards for Commercial and Industrial sections of Southbury's Zoning Regulations

Technical Process

Standards and processes for Streetscape lighting

Zoning Regulations, Section 11 relevant paragraphs

11.4.1.a: “Pre-existing non conforming lighting may be maintained unless ...the modifications are deemed substantial in the judgment of the Planning Commission.

Subpara. iii: A change in the light source intensity

Formal unanimous vote by Planning has endorsed the change to brighter LEDs as acceptable

11.4.3:standards developed to minimize illumination while providing safe and efficient entry,...exit..

11.4.3: minimum 0.5 foot-candles and maximum 2.5 foot-candles

11.3.7.f: Light sources that emit color temperatures in the yellow range (<2700K) such as sodium vapor lights or in the blue range (>6500K) are not permitted.

11.3.6 : Light fixtures shall be aimed only at targeted architectural features....
(e.g.; Washington globes)

Technical Process

- Compare existing sidewalk illumination vs. Improved lighting



Technical Process

- Discussed dim light problem with manufacturer who provided the original, brighter Halide streetlamps
- Evaluated LED replacement kit in two poles near Gazebo at The Green
- Commission members met at the Gazebo to observe and measure actual improved light levels. (September 2014)
 - Members recommended going to warmer color tone LED
 - Light levels were within upper limit and slightly below lower limit at mid-point; to be addressed by using more efficient LED array in subsequent LED light kits
 - During this time period, one “LED corncob” light also evaluated near the Gazebo, but light pattern was well below minimums.
 - Second LED corncob tried and not successful
 - » No further pursuit of “corncob” type lights.

Evaluation Process

- First Quarter 2017: First Selectman assigned George Bertram, Hugh Sullivan, Don Antilla to conduct a search for credible and proven solutions.
- Performed Internet searches, contacted potential suppliers, and selected candidate Companies to interview in person at Town Hall:
 - Phillips
 - Apex
 - USA LED
 - Vanguard/Illuminate
 - Northeast Electric
- Other companies were reviewed and dismissed; product lines did not include required types of lighting. They are:
 - Cree, Eaton, ANE, Kim Lighting, Williams, Amerlux, ANP, Beacon Products, Alumen, Invue, Lumark

Evaluation Process

- Agreed to trial installation of two (2) USA LED lights contiguous to the preexisting two installed Vanguard LED upgraded globes. First USA LED trial lights installed November 9, 2017
- USA LED reported compliance with Town Standards:
 - Sullivan/Antilla measurements indicated out of limits- especially for the upper (bright) limit. Lights exceeded upper limit by more than twice our upper limit (see charts)
- USA LED attempted additional experiments on the two poles
 - December 7/8, 2017 (second experimental lights w/candle)
 - December 18, 2017 (third experimental lights)
 - January, 2018
- Each of the USA LED light experiments failed the upper limit standard of 2.5 ft-candles.

Evaluation Process

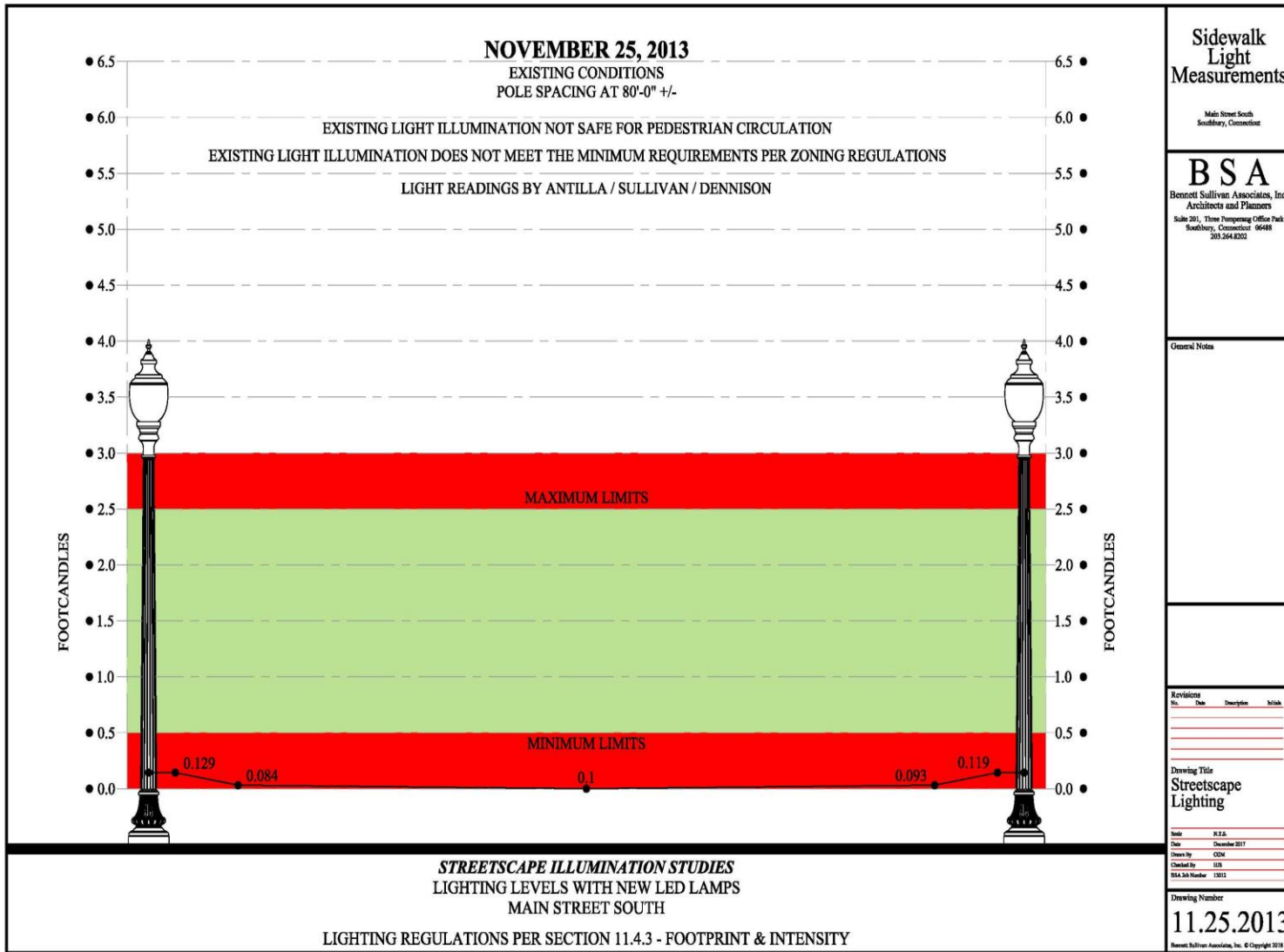
Measurements of Vanguard LED light kits at the Riverview Cinema

- First measurements on December 11, 2017
 - Light patterns differed from expected levels
 - Electrical Contractor installed kits not in accord with azimuth orientation marks
 - » Thus, major axis of elliptical pattern oriented toward street
 - » Contractor reoriented the light kits
- Second measurements conducted on December 20, 2017
 - Chris McGinness (ZEO) participated in measurements
 - All measurements were within Zoning Section 11 Lighting requirements

(Note: Parking lot and boundary light measurements were also within limits)

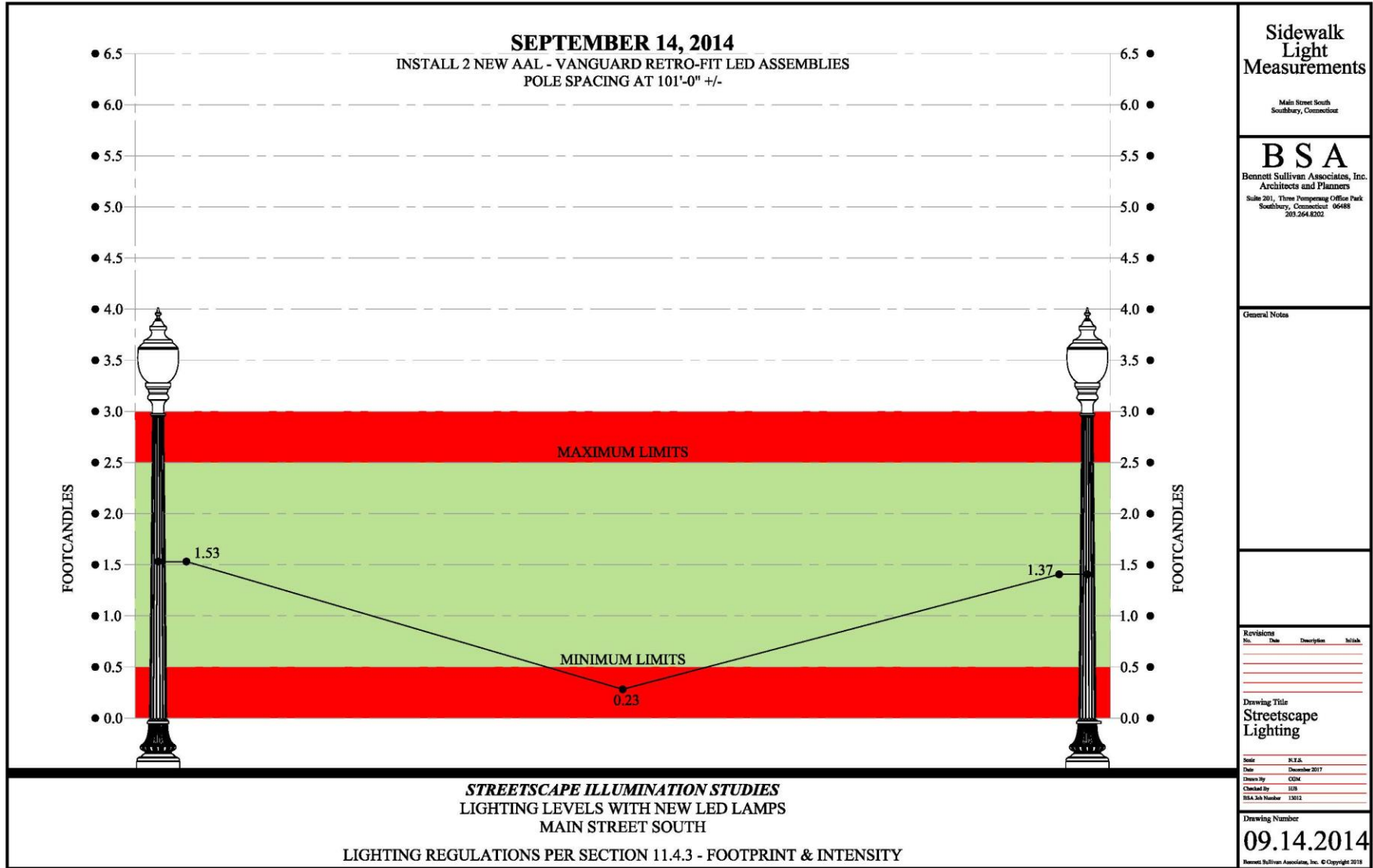
Measurements- Existing Induction Lights

G:\Projects\2013\13012 Main Street South Streetscape - Southbury\Sidewalk Light Measurements.dwg, CGM, CGM



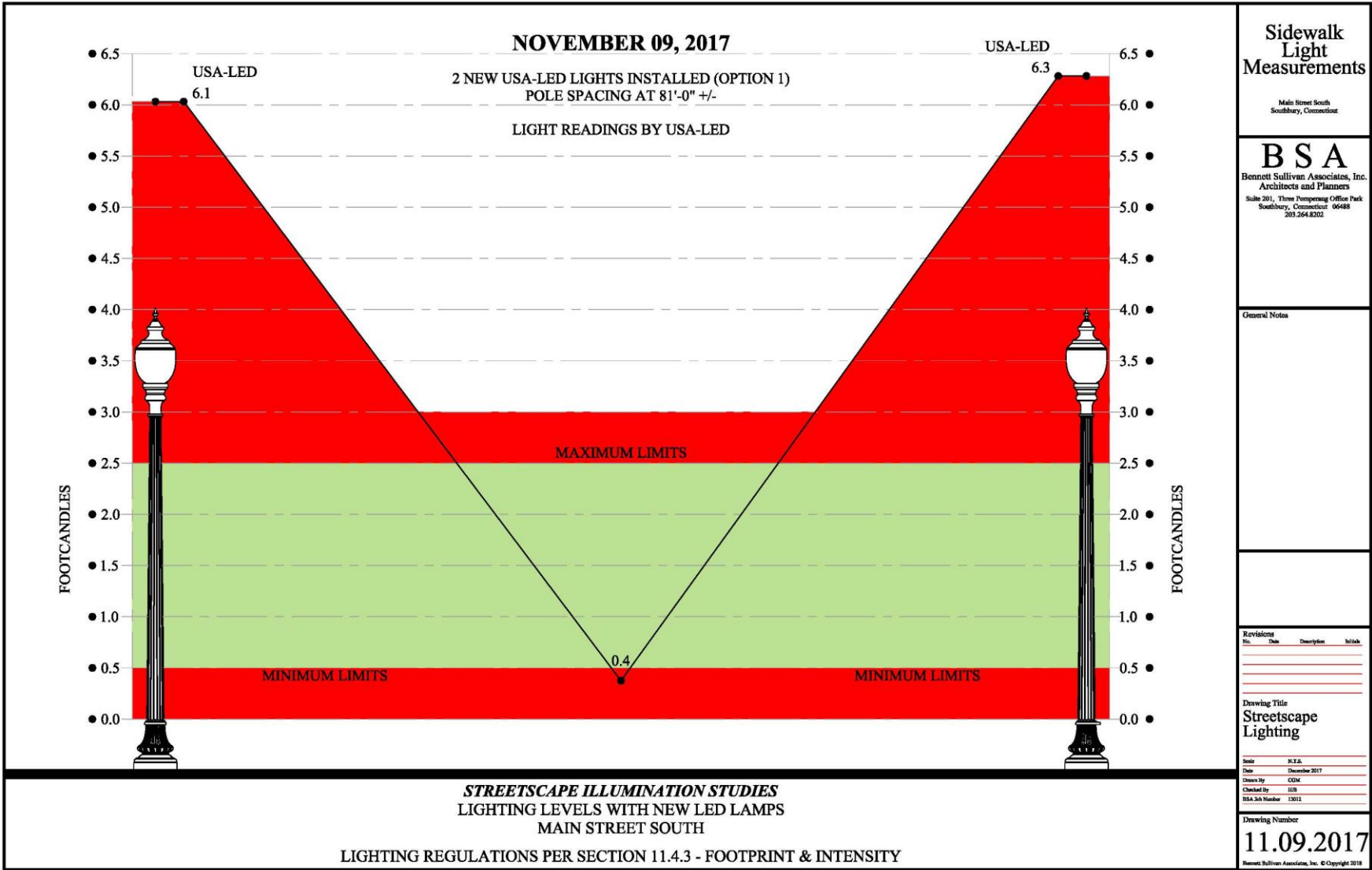
Measurements- First Two Vanguard/AAL Lights

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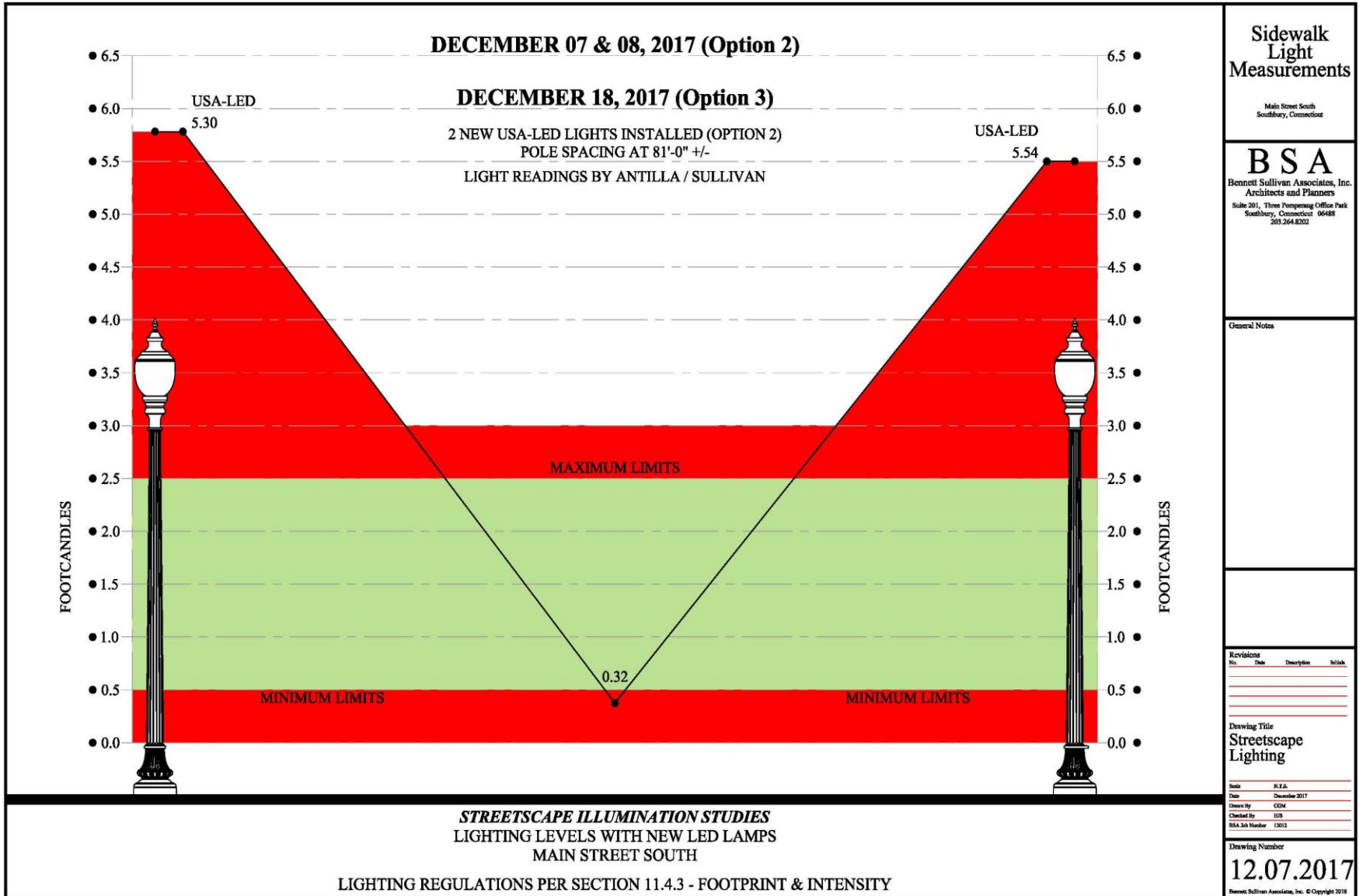
Measurements- First USA LED Experiment

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Measurements- Second USA LED Experiment

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Sidewalk Light Measurements

Main Street South
Southbury, Connecticut

BSA

Bennett Sullivan Associates, Inc.
Architects and Planners
Suite 201, Three Pumping Office Park
Southbury, Connecticut 06488
203.264.8202

General Notes

Revisions	No.	Date	Description	Initials

Drawing Title
Streetscape Lighting

Scale: N.E.S.
Date: December 2017
Drawn By: CGM
Checked By: HSB
Plot Date: 12/01/2012

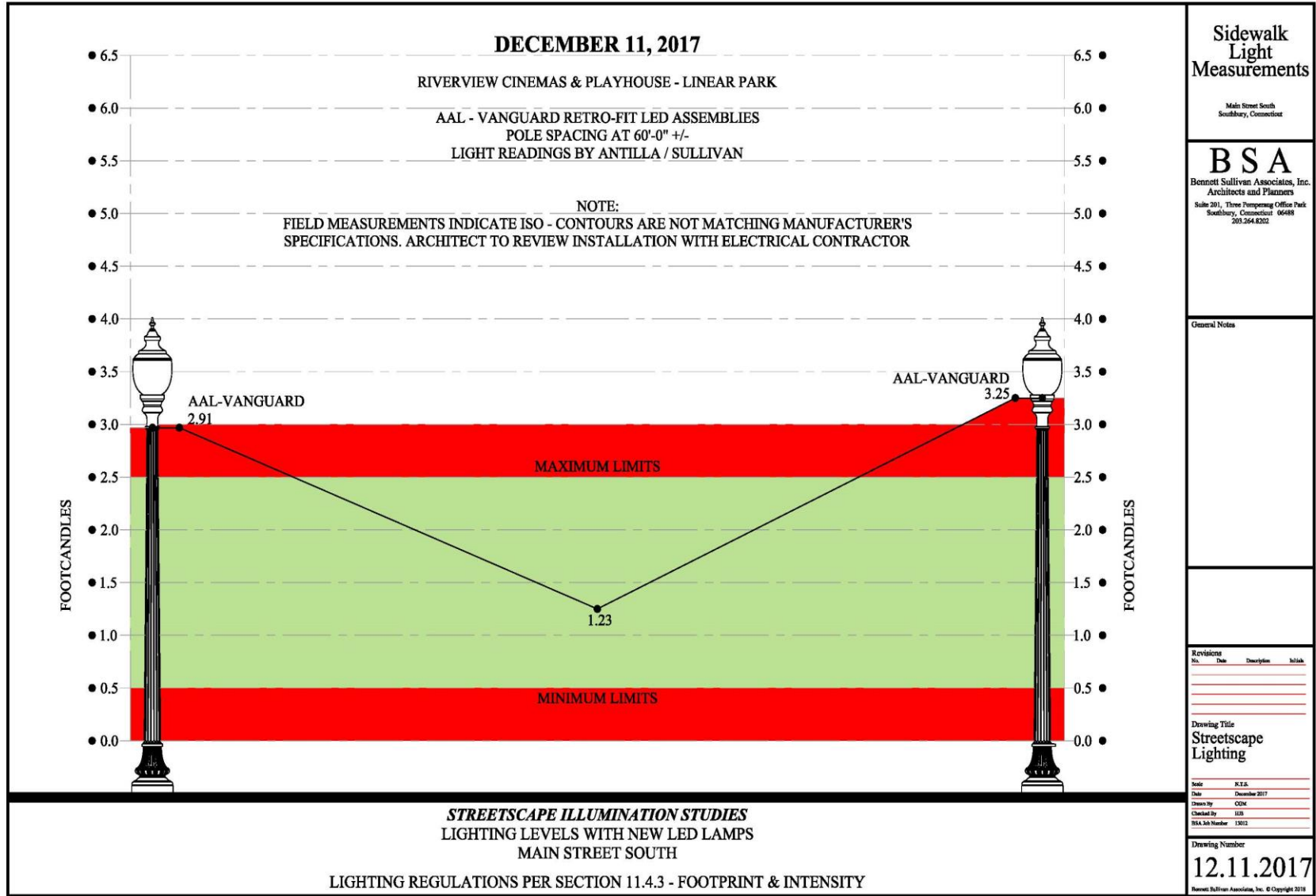
Drawing Number

12.07.2017

Bennett Sullivan Associates, Inc. © Copyright 2018

First Measurements at Cinema *(improper installation)*

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Sidewalk Light Measurements

Main Street South
Southbury, Connecticut

BSA
Bennett Sullivan Associates, Inc.
Architects and Planners
Suite 201, Three Pumping Station Park
Southbury, Connecticut 06488
203.264.8202

General Notes

Revisions	No.	Date	Description	Initials

Drawing Title
Streetscape Lighting

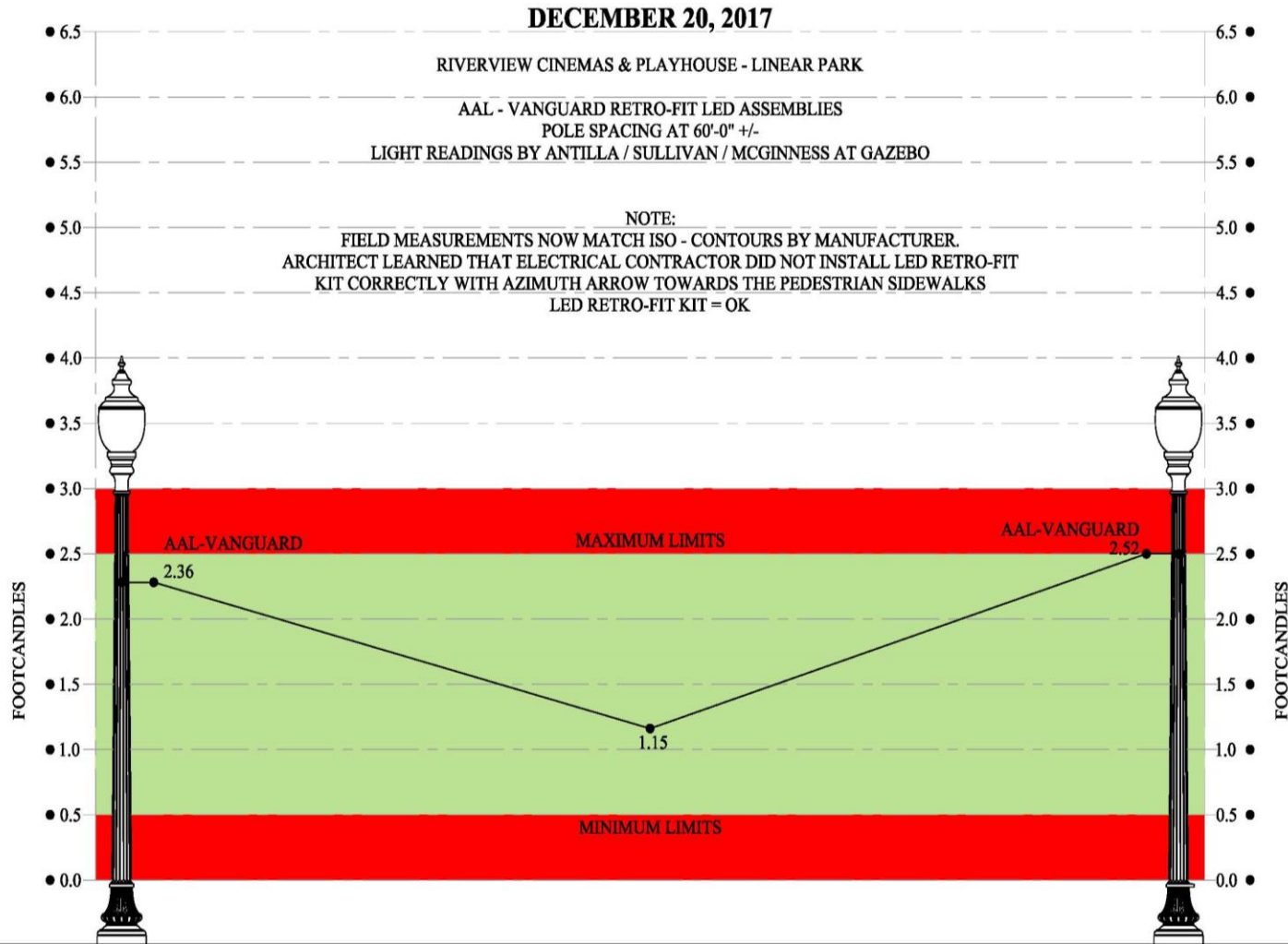
Scale: N.E.S.
Date: December 2017
Drawn by: CGM
Checked by: LSS
BSA Job Number: 13012

Drawing Number
12.11.2017

Bennett Sullivan Associates, Inc. © Copyright 2013

Second Measurements at Cinema (LED kit rotated properly)

jects\2013\13012 Main Street South Streetscape - Southbury\Sidewalk Light Measurements.dwg, CG



Sidewalk Light Measurements

Main Street South
Southbury, Connecticut

BSA

Bennett Sullivan Associates, Inc.
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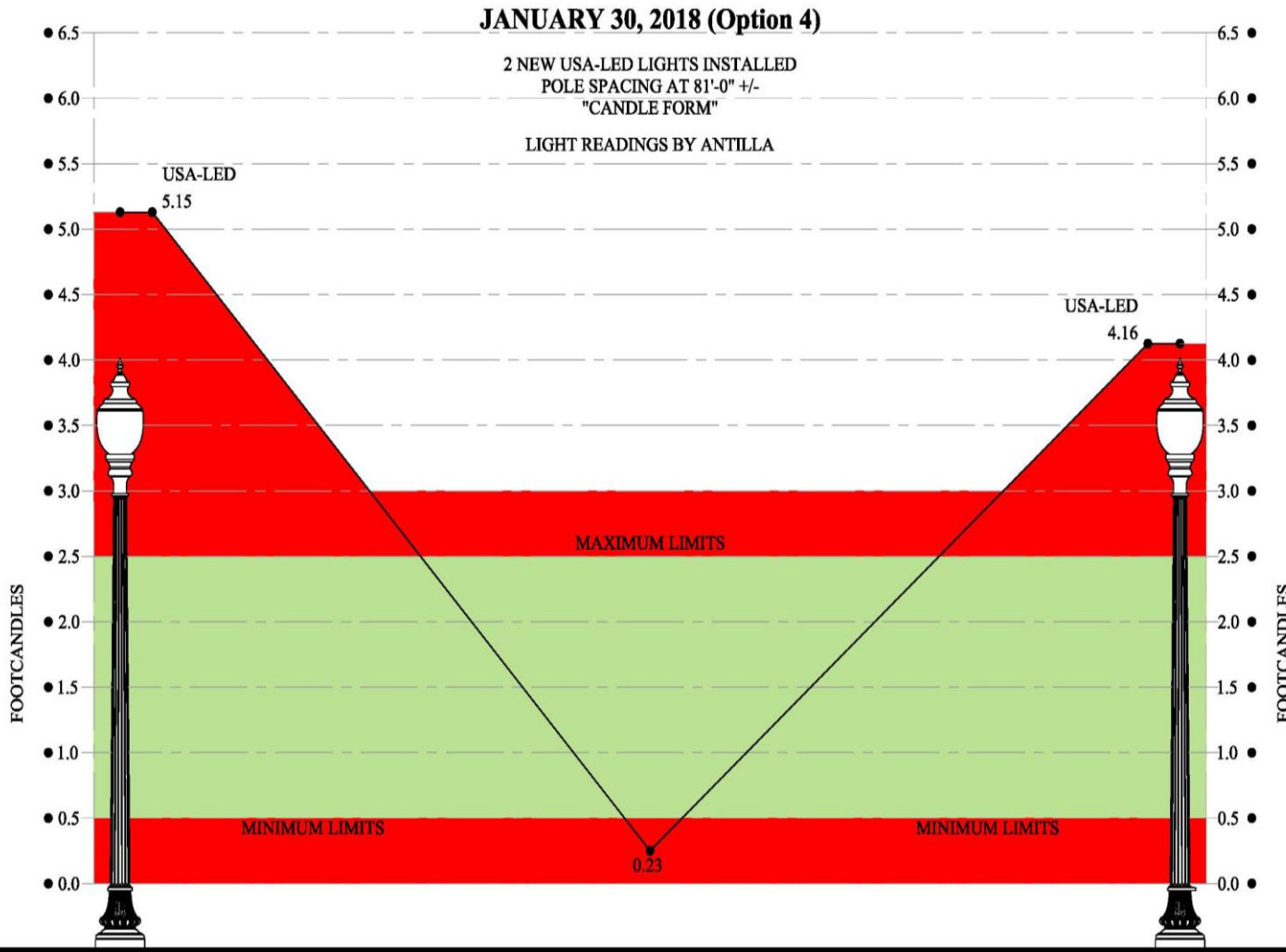
Streetscape Lighting

Scale: N.T.S.
Date: December 2017
Drawn By: CDM
Checked By: JJB
BSA Job Number: 13012

Drawing Number
12 20 2017

January 30 : USA LED Measurements

jects\2013\13012 Main Street South Streetscape - Southbury\Sidewalk Light Measurements.dwg, CG



STREETSCAPE ILLUMINATION STUDIES
 LIGHTING LEVELS WITH NEW LED LAMPS
 MAIN STREET SOUTH

Sidewalk Light Measurements

Main Street South
 Southbury, Connecticut

BSA

Bennett Sullivan Associates, Inc.
 Architects and Planners
 Suite 201, Three Pempung Office Park
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General Notes

Revision	Date	Description	Initials

Drawing Title

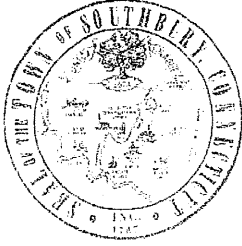
Streetscape Lighting

Scale: N.T.S.
 Date: January 2018
 Drawn by: CDW
 Checked by: HR
 BSA Job Number: 13012

Drawing Number
01 30 2018

Summary- Lighting Repair Activities

1. Dim USA LED lights confirmed by measurement
2. Search for credible suppliers of efficient LED replacement kits was conducted over the last three quarters of 2017.
3. Team of Bertram, Antilla, Sullivan, with participation of John Cottell, interviewed interested parties over a 7 month period
4. One bidder- (USA LED) installed three or more samples; each failed to meet requirements
5. Vanguard LED retrofit kit was measured to be within Southbury's Section 11 Lighting standards (ref. Dec 20, 2017 Cinema measurements)
6. Measurements of Vanguard LED light retrofit kit indicate there is a repeatable solution that has been witnessed by ZEO
7. FGL globes and improved illumination solution endorsed by EDC, SBA, and Planning Commission.
8. RFP in process to obtain competitive bids from Electrical Distributors
9. Bids will require retrofit kit compatibility with existing Streetscape Standard Washington FGL globes and cast iron poles



TOWN OF SOUTHBURY

OFFICE OF THE FIRST SELECTMAN

501 Main Street South

Southbury, Connecticut 06488

(203) 262-0647

Fax: (203) 264-9762

TO: Board of Selectmen
FROM: First Selectman Bill Davis
DATE: September 1, 2010
SUBJECT: Streetscape Lighting

On August 17, 2009, the Town was approached by a long time vendor to participate in a Small Business Energy Advantage (SBEA) savings program through CL&P. This program offered financial incentives to offset the project costs for installing energy efficiency measures. The incentives include a rebate on the cost of the bulbs and financing at zero percent for the purchase of the bulbs, which will be paid back through the cost savings to the Town in the reduction of electricity costs. The initial proposal from this vendor for 250 23-watt induction bulbs on Streetscape **totaled a net cost to Southbury of \$47,300**. This vendor attempted to use pressure tactics to convince the Town to work with them, stating that the incentive could change at any moment and time was of the essence. Because we wanted time to study the proposal and consider alternatives, we declined to commit at that time.

On October 2, 2009, ECCO Energy, in partnership with Energy Solutions of Shelton, a competing vendor within this SBEA program, and USA LED Solutions (a local company) presented the town with a proposal for 250 23-watt induction bulbs on Streetscape **totaling a net cost to Southbury of \$39,200**.

A counter proposal was made by the initial vendor at **a total net cost to Southbury of \$36,250**.

While both vendors had an opportunity to make a proposal for LED lights for this same project, the return on investment was longer because the cost of the bulb was higher. So, the town elected to replace the current metal halide bulbs with 23- watt self-ballasted induction bulbs, which last 5-8 times longer than metal halide bulbs.

Saving kilowatt hours provides a significant and ongoing cost savings to the Town and has the same impact as taking cars off the road by helping to reduce carbon dioxide and other greenhouse gas emissions. Town officials agreed replacement of the bulbs was a valid project. Although the second quote from the first vendor was less than the initial quote from the second vendor, the Town opted to work with Energy Solutions and USA LED because of their professionalism and the fact that Energy Solutions was able to reduce the cost of the project and provide this very beneficial project to the Town at a **final cost of \$34,252**. The SBEA program provided Southbury with an opportunity to be a leader in reducing its kilowatt hour usage by over 75%, at zero % financing with a return on investment in 2.0 years.

An estimated **annual savings to Southbury of \$16,813** (inclusive of power costs and relamping costs) and an **estimated total savings of \$251,000** over the useful life of the induction lights is clarified in the attached payback analysis.

WWW.SOUTHBURY-CT.ORG

ALL APPLICANT FEES ARE SUBJECT TO THE TOWN'S DISCRETION

BOS ATTACHMENT 2/1/18