

## 1. Meeting Materials

### Documents:

[HISTORICAL\\_COMMISSION\\_ADJUSTED\\_ARPA.PDF](#)  
[HISTORICAL\\_COMMISSION\\_SIGNS\\_SUBMISSION.PDF](#)  
[INTERNATIONAL\\_BRONZE\\_SIGN\\_QUOTE.PDF](#)  
[PENINSULAR\\_TRAIL\\_PROJECT\\_VENDOR\\_QUOTES.PDF](#)  
[TRAILS\\_PENINSULA\\_SUBMISSION.PDF](#)  
[2022.06.27\\_CAPITAL\\_PLANNING\\_AGENDA.PDF](#)  
[DRAFT\\_MEETING\\_MINUTES\\_5\\_24\\_22.PDF](#)

Downtown Southborough Historic District signage proposal (adjusted for the elimination of School Street sign, addition of required poles, installation, and contingency)

Custom Bronze Plaque 14" W x 18" H \$805.00 each (x3) =	\$2,415
Integral Post Cap Mount (for 14x18 plaque) \$400.00 each (x1) =	\$400
Custom Bronze Plaque 24" W x 30" H \$2,879 each (x6) =	\$17,274
Integral Post Cap Mount (for 24x30 plaques) \$400 each (x6) =	\$2,400
Galvanized posts and installation (x7) \$250 each =	\$1,750
Surface-mounted plaque installation (x2) \$100 each =	\$200
<hr/>	
Subtotal	\$24,439
Contingency (8.5%)	2,093
<hr/>	
Grand Total	\$26,532



Published on *southboroughma* (<https://www.southboroughtown.com>)

[Home](#) > [Boards & Committees](#) > [Capital Planning Committee](#) > [Capital Request Form - Non-Vehicle Related](#) > [Webform results](#) > Capital Request Form - Non-Vehicle Related

#### Submission information

Form: [Capital Request Form - Non-Vehicle Related](#) [1]

Submitted by Anonymous (not verified)

June 14, 2022 - 11:34am

2600:6c64:517f:8f2d:ecdc:83ba:8526:4ba7

#### Department Name

Southborough Historical Commission

#### Department Head Name

Kevin Miller

#### Department Head Title

Chair

#### Fiscal Year Requested

FY23 (use for in year requests or items for Fall 2022 Town Meeting)

#### Project Description

The proposal is for signage to mark the Southborough Center Historic District, newly recognized (12/29/2021) by the National Register of Historic Places. It calls for six pole-mounted bronze signs (24x30) at entry points to the district (2 on Main, 1 on Middle Rd., 1 on Latisquama Rd., 1 on Marlborough Rd., 1 on Cordaville Rd. To help contain costs, we've eliminated a sign for School St. (an entry point but without contributing properties in the district). The proposal also calls for three smaller (14x18) bronze plaques: one to be mounted on the Town House, one to be mounted on the Library, one to be pole mounted near the gate to the Old Burial Ground. The Library sign would be an addition to our initial proposal, though much less costly than the eliminated School Street sign. Please note that the amount requested is per our original ARPA request. The bid submitted here is from a different vendor--our original vendor raised prices substantially in the past three months--and does not include the necessary poles or installation costs. A calculation based on the adjustments described here is attached.

#### Select how your project fits into one or more of the following conditions from the town's Capital Plan

Supports community plan (i.e. Master Plan, Open Space and Recreation Plan)

#### Why is the project being requested?

The proposal is in support of historic marking/wayfinding and preservation efforts. It will help create a sense of place for Southborough's downtown, which we feel would support economic

development initiatives. The recognition of Southborough's first-ever National Register District would also support the town's tercentennial organizing campaign.

**Estimated Useful Life (in years)**

500

**Amount Requested**

26,532

**Expected Funding Source**

ARPA

**What alternate funding sources have you pursued to offset any portion of the amount requested?**

I have looked into One-Stop and Massachusetts Downtown Initiative (MDI) programs but found that all funded projects involve much more extensive town-wide "branding" efforts. The programs do not appear appropriate (or at all likely to entertain) the marking of an historic district such as we're proposing.

**Describe and quantify any revenue that this project may create for the town or alternatively operating costs that may be reduced (if applicable)**

N/A

**Estimated Annual Maintenance Cost of Project**

0

**Provide details of the expected timeline for implementation of this project, upon funding**

Final approval of design: 1 month

Manufacturing: 3 months

Installation: 1 month (depending on the season)

I would think it reasonable to estimate 6 months from funding approval until installation.

**Please provide any supporting documentation that supports the amount requested including any available vendor quotes.**[international\\_bronze\\_sign\\_quote.pdf](#) [2]**Please provide any additional files that you believe may be helpful with our review of this request**[historical\\_commission\\_adjusted\\_arpa.docx](#) [3]**Date Submitted**

June 14, 2022

**Source URL:** <https://www.southboroughtown.com/node/123501/submission/10321>**Links**[1] <https://www.southboroughtown.com/capital-planning-committee/webforms/capital-request-form-non-vehicle-related>[2] [https://www.southboroughtown.com/system/files/webform/international\\_bronze\\_sign\\_quote.pdf](https://www.southboroughtown.com/system/files/webform/international_bronze_sign_quote.pdf)[3] [https://www.southboroughtown.com/system/files/webform/historical\\_commission\\_adjusted\\_arpa.docx](https://www.southboroughtown.com/system/files/webform/historical_commission_adjusted_arpa.docx)

### Custom Bronze Plaque

14" W x 18" H (one sided)

Single Line border

Dark oxide background (dark brown)

Leatherette texture

Fastenings- Integral Post Cap Mount (1); Concealed - Studs on back (2)

Plaque - \$805.00 each (x3 = \$2,415.00)

Integral Post Cap Mount (post not included) - \$400.00 each (only 1)

**Total price before taxes (if applicable) \$ 2,815.00**

Price includes ground UPS in Continental United States - Tax ONLY added if shipping to FL, NJ or PA

***Manufacturing time is approximately 10-12 weeks.***

**\*\*AND\*\***

### Custom Bronze Plaque

24" W x 30" H (one sided)

Single Line border w/arch top

Dark oxide background (dark brown)

Leatherette texture

Fastenings- Integral Post Cap Mount

Plaque - \$2879.00 each (x7 = \$20,153.00)

Integral Post Cap Mount (post not included) - \$400 each (x7 = \$2,800.00)

**Total price before taxes (if applicable) \$ 22,953.00**

Price includes ground UPS in Continental United States - Tax ONLY added if shipping to FL, NJ or PA

***Manufacturing time is approximately 8 weeks.***

**\*\*Total Order Price: \$25,768.00**

Price includes ground UPS in Continental United States - Tax ONLY added if shipping to FL, NJ or PA

**Carly Davis**

International Bronze Plaque Co., Inc.  
17031 Alico Commerce Court #3  
Fort Myers, FL 33967  
O: 516-248-3080 x 100  
F: 516-877-9101

<https://www.internationalbronze.net/>

AnyFence Co.  
 1485 Washington St  
 Holliston, MA 01746  
 (508) 429-4000  
 www.anyfence.com



## Estimate

<b>ADDRESS</b>	<b>SHIP TO</b>	<b>ESTIMATE #</b>
ATTN. Tom & Kathryn Southborough Trails Committee 128 Boston Rd. Southborough, MA 01772	ATTN. Tom & Kathryn Southborough Trails Committee 128 Boston Rd. Southborough, MA 01772	2022-0033
		<b>DATE</b> 01/19/2022

### SALES REP

JB-2020-8-35

DESCRIPTION	QTY	RATE	AMOUNT
NEW 2022 OPTION: B 8' TALL CHAIN LINK ENCLOSURE PLUS 1' BARBED WIRE (BASED PREVAILING WAGE)			
SEE LINE ITEM #15 FOR UPDATED QUOTE			
8'h chain link wire - black 2x8ga. 2b fuse bonded TT	150	17.00	2,550.00
8'+1 h x 4'w walk gate w/ hardware	2	700.00	1,400.00
4" x 14' term. post galvanized ss40 (for single walk gate)	4	275.00	1,100.00
3" x 14' term. post galvanized ss40 (corner/end post)	5	165.00	825.00
2-1/2" x 12' line post galvanized ss40 (line post)	14	110.00	1,540.00
1-5/8" x 21' top rail galvanized ss40	25	105.00	2,625.00
Misc. fittings (bands, barb arms, bars, blvd. clamps, rail ends, term. caps, ties, truss rods)	1	1,650.00	1,650.00
barbed wire (assumes inside/outside stretch)	900	2.00	1,800.00
Concrete	68	10.00	680.00
Installation chain link (digging, insert, level, concrete, assemble, backfill) based on prevailing wage	1	13,178.00	13,178.00
ADDED LINE ITEM: 1/31/22	1	2,300.00	2,300.00
Buy America product needed for this project. Informed on 1/31/22 via email. Addition cost for all domestic			

Disclosure: Anyfence is NOT responsible for any damage to landscaping or foreign objects within 36" of installation. Anyfence is NOT responsible for damage to ANY unmarked utilities. We attest to be fully insured and licensed. The fence materials should remain untouched during and 24 hours after installation is complete. Balance is due upon completion.

DESCRIPTION	QTY	RATE	AMOUNT
ADD ON: ENTRANCE GATE AREA Re-use existing double drive gate in new location. 2 new 4" gate posts, 40' 4' chain link wire, top rail, 2-1/2" line posts, 3" term. posts, misc. fittings, labor	1	4,750.00	4,750.00
NOTE: REVISED NUMBER BASED ON DOMESTIC PRICING. 1/31/22			
PROJECTED PRICE INCREASE ON PIPE 10% APRIL / MAY 2022 = \$1074.00 INCREASE (THIS IS ON THE PIPE ONLY) SUPPLIERS HAVE NOT PROJECTED INCREASES ON ANY OTHER MATERIALS AT THIS TIME.			
<hr/> <p>NOTE: Any Fence is currently running at 10-12 weeks from the time we receive a deposit.</p>			
<p>SUBTOTAL 34,398.00 TAX 0.00 TOTAL <b>\$34,398.00</b></p>			

Accepted By

Accepted Date

Disclosure: Anyfence is NOT responsible for any damage to landscaping or foreign objects within 36" of installation. Anyfence is NOT responsible for damage to ANY unmarked utilities. We attest to be fully insured and licensed. The fence materials should remain untouched during and 24 hours after installation is complete. Balance is due upon completion.



## Fiberglass Bridges and Boardwalks

214 Industrial Lane, Alum Bank, PA 15521  
814.839.4186 · Fax: 814.839.4276 · Toll free 888.CPI.PULL



Quote Date: 1/18/2022

QUOTE #: 011822.3

Town of Southborough MA, 7x 10'x6' BW

1/31/21: updated per discussion to account for buy america program:

### RE: Fiberglass Boardwalk Estimate, 10'x6'x3" Curb Mount

Dick,

Thank you for your inquiry. I am pleased to submit the estimate for your fiberglass access solutions project. Please contact me if you have any questions or need further assistance.

Sincerely,

Brandon Weyant

E.T. Techtonics

A Creative Pultrusions, Inc. Product Line

Office: (814) 839-4186 Ext. 265

Mobile: (814) 289-1476

[bweyant@pultrude.com](mailto:bweyant@pultrude.com)

Design Approach: International Building Code (IBC)  
Pedestrian Live Load: 90 PSF  
Snow Load: 50 PSF  
Wind Load: 35 PSF  
Vehicle Load: Pedestrian Only

(7) Fiberglass 10'-0" long x 6'-0" wide boardwalks \$ 26,000.00

PE stamped drawings & calculations \$ 2,400.00

Shipping Un-Assembled to Southborough , Massachusetts \$ 2,200.00

Adders: Total \$ 30,600.00\*

FRP Molded Deck GRT062 (1.5"x1.5"x1.5", 10'x3' 14x Panels) \$ 12,800.00

22% Resin Surcharge Fee \$ 1,500.00

\*The total does not include any Federal, State, or Local taxes.

Estimated Bridge Weight (Installed): 357 lbs per boardwalk (Material + Hardware)

The bridge will include the following:

- Stock Color: Slate Gray
- Standard A307 hot-dipped galvanized steel hardware kit
- Decking Supplied By Customer w/ Deck Screws
- 3" Curb Mount

### Liability Statement

The calculations and recommendations set forth in this document are gratuitous in nature and are believed to be accurate. Creative Pultrusions, Inc., nor its employees assume any obligation or liability that may arise as a result of the use of the information placed forth in this document.

### TERMS & CONDITIONS

**Delivery:** Ship complete 10 to 12 weeks ARO based on current backlog, subject to change at time of order, from the receipt of the Purchase Order, down payment payment (if required), and the signed customer approval drawings.

Notes:

- Payment terms: Payment terms are based on approval of credit information supplied to CPI.
- A 3.5% service fee will apply for all payments made by Visa, Discover, and MasterCard.
- Due to the current supply chain crisis, this quotation reflects "spot pricing", subject to review/confirmation at time of order.
- Parts quoted are based on standard properties and tolerances as outlined in the Creative Pultrusion, Inc. Design Manual and Bridge Submittal Drawings at the time of order.
- Creative Pultrusions, Inc. shall warrant the structural integrity of all FRP materials, design, and workmanship for 15 years from the time of delivery.

**IMPORTANT NOTICE TO CUSTOMER:** This document is not an acceptance of any prior offer made by Customer. Rather, this document is an offer, acceptance of which is limited and subject to the terms of Seller's written sale agreement with Customer, or, if none, then Seller's Terms of Sale which are incorporated in full into this document and can be found [below/attached/on the reverse side hereof] and/or [Seller's website at [www.creativepultrusions.com](http://www.creativepultrusions.com)]. By accepting any performance by Seller, Customer agrees to be bound by the terms of this document and Seller's sale agreement with Customer, or, if none, then Seller's Terms of Sale. Contact Seller immediately if you do not have or cannot access Seller's Terms of Sale. If this document is a written confirmation of a verbal order by Customer, Customer agrees that the terms of this document control. Different or additional terms proposed by Customer are expressly rejected and shall not become a part of the contract between Customer and Seller.



1/11/2022

QUOTE #: 011122.2

Town of Southborough MA 65'x6'

Dick ,

Thank you for your inquiry. I am pleased to submit the estimate for your fiberglass access solutions project. Please contact me if you have any questions or need further assistance.

Sincerely,

Brandon Weyant

E.T. Techtonics  
A Creative Pultrusions, Inc. Product Line  
Office: (814) 839-4186 Ext. 265  
Mobile: (814) 289-1476  
bweyant@pultrude.com

Design Approach: International Building Code (IBC)  
Pedestrian Live Load: 90.0 PSF  
Snow Load: 40.0 PSF  
Wind Load: 35.0 PSF

(1) Fiberglass 65'-0" long x 6'-0" wide bridge	\$ 60,940.00
PE stamped drawings & calculations	\$ 2,600.00
Shipping Un-Assembled to Southborough, Massachusetts	\$ 2,200.00
10% Resin Surcharge Fee	\$ 1,550.00

updated per discussion: 1/31/22:  
total below (79,151)+ \$3000 (for buy  
america) + \$300\*4 (\$1200) for diamond pin  
footings: \$83,350

Adders:	Total \$ 67,290.00*
GRT062 FRP Molded Decking Panel (13 panels)	\$ 11,860.95
1.5" Thick x 1.5" Grid M-Clip Kit	

\*The total does not include any Federal, State, or Local taxes.

*Notice: Shipping cost is an estimate and subject to change at time of order*

Estimated Bridge Weight (Installed): 7,326 lbs

(Material + Hardware)

The bridge will include the following:

- 1500 Series: Non-fire retardant
- Fiberglass Support Trusses w/ X-Bracing
- 54" high hand-railings
- Straight ends
- Standard top cap with solid-color paint coating
- Safety mid-rails (per ADA specifications, 3-3/4" maximum spacing)
- Standard A307 hot-dipped galvanized steel hardware kit
- Standard Color: Olive Green
- Standard dead load camber design
- **Decking Supplied By Customer**

#### Liability Statement

The calculations and recommendations set forth in this document are gratuitous in nature and are believed to be accurate. Creative Pultrusions, Inc., nor its employees assume any obligation or liability that may arise as a result of the use of the information placed forth in this document.

#### TERMS & CONDITIONS

**Delivery:** Order will be processed once customer sends Purchase Order w/ pre-payment (if required), and approved submittal drawings. Delivery lead-time, 12-14 weeks, depending on backlog lead time can be subject to change at time of order.

Notes:

- Payment terms: Payment terms are based on approval of credit information supplied to Creative Pultrusions, Inc.
- A 3.5% service fee will apply for all payments made by Visa, Discover, and MasterCard.
- Due to the current supply chain crisis, this quotation reflects "spot pricing" only, subject to review/confirmation at time of order.
- Parts quoted are based on standard properties and tolerances as outlined in the Creative Pultrusion, Inc. Design Manual and Bridge Submittal Drawings at the time of order.
- Creative Pultrusions, Inc. shall warrant the structural integrity of all FRP materials, design, and workmanship for 15 years from the time of delivery.
- Delayed shipment for more than 30 days will be subject to additional charges, unless otherwise agreed upon.

**IMPORTANT NOTICE TO CUSTOMER:** This document is not an acceptance of any prior offer made by Customer. Rather, this document is an offer, acceptance of which is limited and subject to the terms of Seller's written sale agreement with Customer, or, if none, then Seller's Terms of Sale which are incorporated in full into this document and can be found [below/attached/on the reverse side hereof] and/or [Seller's website at [www.creativepultrusions.com](http://www.creativepultrusions.com)]. By accepting any performance by Seller, Customer agrees to be bound by the terms of this document and Seller's sale agreement with Customer, or, if none, then Seller's Terms of Sale. Contact Seller immediately if you do not have or cannot access Seller's Terms of Sale. If this document is a written confirmation of a verbal order by Customer, Customer agrees that the terms of this document control. Different or additional terms proposed by Customer are expressly rejected and shall not become a part of the contract between Customer and Seller.

## **Southborough Department of Public Works**

### **ADA 2 Parking Spaces (1 Van, 1 Standard)**

Labor	Hours	Rate	Total
Operator	60	\$ 35.87	\$ 2,152.20
Truck Driver	60	\$ 30.28	\$ 1,816.80
Materials	QTY	Unit Cost	Total
Gravel (CY)	25	\$ 45.00	\$ 1,125.00
Asphalt (TN)	20	\$ 55.00	\$ 1,100.00
Equipment Costs	Hours	Rate	Total
Dump Truck	60	\$ 52.98	\$ 3,178.80
Excavator	60	\$ 158.56	\$ 9,513.60
Other Incidental Work		LS	
Striping	1	\$ 800.00	\$ 800.00
HP Signs (2)	1	\$ 200.00	\$ 200.00
Eq. Rental (Roller)	1	\$ 1,300.00	\$ 1,300.00
<b>Total</b>		<b>\$</b>	<b>21,186.40</b>

**To:** Kathryn McKee  
Southboro Trails Committee  
17 Common St.  
Southborough, MA 01772

Phone#: 508-479-0971

Fax#:

**Account Executive:** Rhiannon Andrews

**ID #:** 1110091

**Tag Name:**

Part Number	Qty	Description	Each	Ext
		<b>Trailhead Wayfinding / Regulatory Signage</b>		
E12-12-T4	2	1/2" Exterior CHPL Graphic. Panel Size: 48"w x 36"h 4 Threaded Inserts w/ Tamper Resistant Bolts.	806.00	1,612.00
UDGE4	2	Upright Double Post (90 Degree). Even Mount with 4 Mounting Brackets. - Black Powder Coated Aluminum. - In-Ground Mount. (Surface Mount available).	700.00	1,400.00
		<b>Interpretive &amp; Historical Signage Peninsula Trail</b>		
E12-06-T4	2	1/2" Exterior CHPL Graphic. Panel Size: 36"w x 24"h 4 Threaded Inserts w/ Tamper Resistant Bolts. 2	414.00	828.00
CDG224	2	Double Cantilever Pedestal (45 Degree). - Graphic Height: 24". Black Powder Coated Aluminum. - In-Ground Mount. (Surface Mount available).	613.00	1,226.00
E12-06-T4	2	1/2" Exterior CHPL Graphic. Panel Size: 36"w x 24"h 4 Threaded Inserts w/ Tamper Resistant Bolts.	414.00	828.00
SPG1212	2	Single Post Pedestal (12" x 12" Mounting Plate at 45 Degree). - Black Powder Coated Aluminum. - In-Ground Mount. (Surface Mount available).	238.00	476.00
		<b>Interpretive &amp; Historical Signage Boroughs Loop...</b>		
E12-03-T4	2	1/2" Exterior CHPL Graphic. Panel Size: 18"w x 24"h 4 Threaded Inserts w/ Tamper Resistant Bolts.	218.00	436.00
SPG1212	2	Single Post Pedestal (12" x 12" Mounting Plate at 45 Degree). - Black Powder Coated Aluminum. - In-Ground Mount. (Surface Mount available).	238.00	476.00
99810	1	Color Sample - 8" x 10" x 1/16" CHPL. - Used in production for color matching and resolution. - Includes shipping.	40.00	40.00
96304		Design & Production - Per Hour Estimate	96.00	0.00

All Fossil panels feature our exclusive 12-Color HD Printing.

**Subtotal:** \$7,322.00

Digital files must conform to Fossil File Prep Guidelines ([FossilGraphics.com](http://FossilGraphics.com)).  
Electronic layout proofs provided at no charge.

**Subtotal:** 7,322.00

Features are indicated in Part Numbers:

"-P" = Custom Shape; "-T" = Threaded Inserts; "-D" = Double Sided; "-H" = Holes; "MURAL" - Indicates panels built to go directly beside another panel.

**Shipping:** 1,056.00

0 %Tax: 0.00

**TOTAL:**       \$2,270.00

**TOTAL.** \$8,378.00

Shipping to zip code: 01745. Estimate based on destination being a non-residence that has a forklift if necessary.

**Deposit Due:** 5,027.00

Shipping charges include packaging and insurance.

Quote valid 90 days. Order produced under our standard Terms and Conditions of Sale ([FossilGraphics.com/terms](http://FossilGraphics.com/terms)). For installation info or to determine best thickness of CHPL to meet your requirements ([FossilGraphics.com/guide](http://FossilGraphics.com/guide)).

**TERMS:** 60% Deposit / Balance Net 10 After Delivery

**Please sign to authorize production:** \_\_\_\_\_ / \_\_\_\_\_ Print: \_\_\_\_\_



Springer Signcraft  
Phillip R. Ouellette  
47 West Cottage Street #2  
Dorchester MA 02125

Phone: 857-210-2906  
phillip@springersigncraft.com

*client:*  
Southborough  
Trails  
Committee

date: 11/11/20

QUOTE #: 6766

## SCOPE OF WORK / PROJECT DESCRIPTION

installation of Fossil post-and-panel signs into ground, various sites

# QUOTE

QTY	Item	price	ext. price
	Includes digging 2 holes, insertion/leveling of sign, gravel/rock and concrete fill	10% adder to installation costs; accounts for 5% annual increase for 2 year	
2	Trailhead kiosks, double posts	\$525.00	\$1050.00
2	double post cantilever pedestal	\$525.00	\$1050.00
4	single post pedestal	\$262.50	\$1050.50
<i>labor only</i>			

**CHECK PAYMENTS: Make check(s) out to "SPRINGER SIGNCRAFT"**

<i>subtotal</i>	\$3150.50
<i>total</i>	\$3150.50

*Thanks for your business!*



# Order-of-Magnitude

## Construction Cost Estimate

### Option 2

Date:

6/22/2022

Project: Southborough Trail Crossings

Job Number:

15634.04

Location: Southborough, MA

% Complete:

25%

Item Number	Quantity Stonybrook	Quantity Central St	Unit	Description	Unit Price	Amount St Stony Brook	Amount Central
120.1	30	175	CY	UNCLASSIFIED EXCAVATION	\$35.00	\$1,050.00	\$6,125.00
151.	25	140	CY	GRAVEL BORROW	\$40.00	\$1,000.00	\$5,600.00
170.	30	400	SY	FINE GRADING AND COMPACTING CALCIUM CHLORIDE FOR ROADWAY DUST	\$6.00	\$180.00	\$2,400.00
440.	0	1,200	LB	CONTROL	\$0.50	\$0.00	\$600.00
443.	0	1	MGL	WATER FOR ROADWAY DUST CONTROL	\$75.00	\$0.00	\$75.00
452.	0	100	GAL	ASPHALT EMULSION FOR TACK COAT	\$8.00	\$0.00	\$800.00
453.	0	400	FT	HMA JOINT SEALANT	\$1.00	\$0.00	\$400.00
460.231	0	45	TON	SUPERPAVE SURFACE COURSE - 12.5 - POLYMER (SSC - 12.5 - P)	\$100.00	\$0.00	\$4,500.00
460.32	0	45	TON	SUPERPAVE INTERMEDIATE COURSE - 19.0 (SIC - 19.0)	\$100.00	\$0.00	\$4,500.00
460.42	0	90	TON	SUPERPAVE BASE COURSE - 37.5 (SBC - 37.5)	\$100.00	\$0.00	\$9,000.00
470.	0	20	TON	HOT MIX ASPHALT BERM, TYPE A HOT MIX ASPHALT FOR MISCELLANEOUS	\$200.00	\$0.00	\$4,000.00
472.	0	10	TON	WORK GRANITE TRANSITION CURB FOR	\$200.00	\$0.00	\$2,000.00
509.	35	35	FT	WHEELCHAIR RAMPS - STRAIGHT CEMENT CONCRETE PEDESTRIAN CURB	\$55.00	\$1,925.00	\$1,925.00
701.2	30	30	SY	RAMP	\$100.00	\$3,000.00	\$3,000.00
813.81	0	1	LS	SERVICE CONNECTION (UNDERGROUND) TRAFFIC SIGNAL RECONSTRUCTION	\$10,000.00	\$0.00	\$10,000.00
816.01	0	1	LS	LOCATION NO. 1 RECTANGULAR RAPID FLASHING BEACON -	\$300,000.00	\$0.00	\$300,000.00
* 824.211	1	0	EA	LOCATION NO. 1 WARNING-REGULATORY AND ROUTE	\$30,000.00	\$30,000.00	\$0.00
832.	40	0	SF	MARKER - ALUM. PANEL (TYPE A)	\$14.00	\$560.00	\$0.00
				SIGN SUP (N/GUIDE)+RTE MKR W/1			
847.1	4	0	EA	BRKWAY POST ASSEMBLY - STEEL PAVEMENT ARROWS AND LEGENDS REFL.	\$140.00	\$560.00	\$0.00
864.04	0	60	SF	WHITE (THERMOPLASTIC) 4 INCH REFLECTORIZED WHITE LINE	\$10.00	\$0.00	\$600.00
* 866.04	0	200	FT	(THERMOPLASTIC)	\$1.00	\$0.00	\$200.00

Estimated By:

Checked By: CAC

Page 1 of 2

Project: Southborough Trail Crossings  
Location: Southborough, MA

Job Number: 15634.04  
% Complete: 25%

Item Number	Quantity Stonybrook	Quantity Central St	Unit	Description	Unit Price	Amount Stony Brook	Amount Central St.
866.12	220	220	FT	12 INCH REFLECTORIZED WHITE LINE (THERMOPLASTIC)	\$2.00	\$440.00	\$440.00
* 867.04	0	400	FT	4 INCH REFLECTORIZED YELLOW LINE (THERMOPLASTIC)	\$1.00	\$0.00	\$400.00
* 874.2	0	0	EA	TRAFFIC SIGN REMOVED AND RESET MISCELLANEOUS SIGNS REMOVED AND	\$120.00	\$0.00	\$0.00
* 874.5	0	1	LS	STACKED	\$600.00	\$0.00	\$600.00
* 999.	1	1	LS	CONSTRUCTION STAKING		\$5,000.00	\$15,000.00
					Subtotal:	\$43,715.00	\$372,165.00
				Police Detail - Construction Traffic Management (10%):	\$4,371.50	\$37,216.50	
				Contingencies (25%):	\$10,928.75	\$93,041.25	
					Total:	\$59,015.25	\$502,422.75
					SAY:	<b>\$60,000.00</b>	<b>\$505,000.00</b>



# Order-of-Magnitude

## Construction Cost Estimate

### Option 1

Date:

6/22/2022

Project: Southborough Trail Crossings

Job Number:

15634.04

Location: Southborough, MA

% Complete:

25%

Item Number	Quantity Stonybrook	Quantity Central St	Unit	Description	Unit Price	Amount Stonybrook	Amount Central Street
120.1	30	175	CY	UNCLASSIFIED EXCAVATION	\$35.00	\$1,050.00	\$6,125.00
151.	25	140	CY	GRAVEL BORROW	\$40.00	\$1,000.00	\$5,600.00
170.	30	400	SY	FINE GRADING AND COMPACTING CALCIUM CHLORIDE FOR ROADWAY DUST	\$6.00	\$180.00	\$2,400.00
440.	0	1,200	LB	CONTROL	\$0.50	\$0.00	\$600.00
443.	0	1	MGL	WATER FOR ROADWAY DUST CONTROL	\$75.00	\$0.00	\$75.00
452.	0	100	GAL	ASPHALT EMULSION FOR TACK COAT	\$8.00	\$0.00	\$800.00
453.	0	400	FT	HMA JOINT SEALANT	\$1.00	\$0.00	\$400.00
460.231	0	45	TON	SUPERPAVE SURFACE COURSE - 12.5 - POLYMER (SSC - 12.5 - P)	\$100.00	\$0.00	\$4,500.00
				SUPERPAVE INTERMEDIATE COURSE - 19.0			
460.32	0	45	TON	(SIC - 19.0)	\$100.00	\$0.00	\$4,500.00
				SUPERPAVE BASE COURSE - 37.5 (SBC -			
460.42	0	90	TON	37.5)	\$100.00	\$0.00	\$9,000.00
470.	0	20	TON	HOT MIX ASPHALT BERM, TYPE A HOT MIX ASPHALT FOR MISCELLANEOUS	\$200.00	\$0.00	\$4,000.00
472.	0	10	TON	WORK	\$200.00	\$0.00	\$2,000.00
509.	0	35	FT	GRANITE TRANSITION CURB FOR WHEELCHAIR RAMPS - STRAIGHT	\$55.00	\$0.00	\$1,925.00
				CEMENT CONCRETE PEDESTRIAN CURB			
701.2	30	30	SY	RAMP	\$100.00	\$3,000.00	\$3,000.00
				TRAFFIC SIGNAL RECONSTRUCTION			
816.01	0	1	LS	LOCATION NO. 1	\$50,000.00	\$0.00	\$50,000.00
				WARNING-REGULATORY AND ROUTE			
832.	40	0	SF	MARKER - ALUM. PANEL (TYPE A)	\$14.00	\$560.00	\$0.00
				SIGN SUP (N/GUIDE)+RTE MKR W/1			
847.1	4	0	EA	BRKWAY POST ASSEMBLY - STEEL	\$140.00	\$560.00	\$0.00
				PAVEMENT ARROWS AND LEGENDS REFL.			
864.04	0	60	SF	WHITE (THERMOPLASTIC)	\$10.00	\$0.00	\$600.00
				4 INCH REFLECTORIZED WHITE LINE			
* 866.04	0	200	FT	(THERMOPLASTIC)	\$1.00	\$0.00	\$200.00
				12 INCH REFLECTORIZED WHITE LINE			
866.12	220	220	FT	(THERMOPLASTIC)	\$2.00	\$440.00	\$440.00
				4 INCH REFLECTORIZED YELLOW LINE			
* 867.04	0	400	FT	(THERMOPLASTIC)	\$1.00	\$0.00	\$400.00

Project: Southborough Trail Crossings  
Location: Southborough, MA

Job Number: 15634.04  
% Complete: 25%

Item Number	Quantity Stonybrook	Quantity Central St	Unit	Description	Unit Price	Amount Stonybrook	Amount Central Street
MISCELLANEOUS SIGNS REMOVED AND							
* 874.5	0	1	LS	STACKED	\$600.00	\$0.00	\$600.00
* 999.	1	1	LS	CONSTRUCTION STAKING		\$5,000.00	\$15,000.00
					Subtotal:	\$11,790.00	\$112,165.00
					Police Detail - Construction Traffic Management (10%):	\$1,179.00	\$11,216.50
					Contingencies (15%):	\$1,768.50	\$16,824.75
					Total:	\$14,737.50	\$140,206.25
					SAY:	<b>\$15,000.00</b>	<b>\$150,000.00</b>



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#### Submission information

Form: [Capital Request Form - Non-Vehicle Related](#) [1]  
Submitted by Anonymous (not verified)  
June 24, 2022 - 10:31am  
173.76.153.120

#### Department Name

Southborough Trails Committee (STC)

#### Department Head Name

Kathryn McKee (STC) / Tim Davis (Recreation Department Head)

#### Department Head Title

K.McKee (STC Chair) / T.Davis (Recreation Director)

#### Fiscal Year Requested

FY24

#### Project Description

Opening Peninsula Trail that overlaps existing access road near Fayville Dam. The following structures need to be installed/built:

- 1.Move and Install fence and double drive swing gate over initial slope
- 2.Install 2 handicap parking spaces
- 3.Install fencing around riser shaft
- 4.Build and Install boardwalk
- 5.Build and Install footbridge
- 6.Build and Install bog bridges
- 7.Install wayfinding/regulatory/interpretative signage (double pedestal signs and kiosks (not just nailing a market to a tree)
- 8.Plant trees to create natural fence for abutters
- 9.Native plantings
- 10.1 or 2 Crosswalk installations
- 11.Central Street sidewalk extension (not a Trails project but needed for one of the crosswalk installs)

#### Proposed Benefit to the town and its residents:

- 1.Southborough committed to building its section of the Boroughs Loop Trail in 2012 and 2013 when the feasibility study was completed, along with Marlborough, Westborough, Northborough.

2. This trail will expand recreational resources to more user groups. A .4 mile paved segment of this trail will meet accessibility criteria. It will be the first accessible nature trail in Southborough. This trail will provide access to individuals with mobility issues, wheelchair users, and parents with strollers to have access to a recreational resource in town.

3. Based on state voter registration data for Southborough, as of January 2022, there are over 1,300 residents over 65 years old (10% noted ambulatory difficulty and 3% are mobility impaired), over 1,800 residents under the age of 18 and over 300 households have children under the age of 5 years old. In addition, there are eight housing developments in Southborough with at least some over 55 units. South Meadows has 52 units of 55+ and is in walking distance to the proposed trail, as well as a few other neighborhoods. Southborough Council on Aging noted that seniors over 60 are one of the fastest growing segments of our population. The town has a low-income population of about 8.7%. This trail segment will offer a low-cost, healthy outdoor recreation option for a diverse group of people.

4. The boardwalk and footbridge will reroute the trail off a dangerous section of Rt.30 where there is no shoulder or safe path along the road to walk. This is an important connection to continue the Boroughs Loop Trail along its intended route and connect to the Bay Circuit Trail.

5. Trails and recreational resources can be associated with higher property values.

6. Trails are considered an important perk that local businesses can offer their employees; attracting businesses to Southborough has positive economic impacts

a. Example: Sanofi was very excited to learn about the opening of this trail. They provided a grant letter of support and are looking into the feasibility of providing parking at the eastern terminus (near Stony Brook Rd/intersection with Rt.30)

7. Lots of Community Support:

a. The community (Southborough and beyond) has demonstrated its support of this project for many years. In 2020-2021, STC collected over 1600 signatures from the community and 8 letters of support from neighboring towns/land trusts and state agencies to urge DCR to move forward with the public access plan that would provide access to this parcel and allow STC to move forward with this project. The public access plan was released this week.

b. For the 2022 MassTrails Grant, STC collected 23 letters of supports from the state legislators, state agencies, land trusts, surrounding communities, committees, commission and boards.

## **Select how your project fits into one or more of the following conditions from the town's Capital Plan**

- Improvement to infrastructure
- Supports community plan (i.e. Master Plan, Open Space and Recreation Plan)

## **Why is the project being requested?**

STC and Southborough committed to finishing its section of the Boroughs Loop Trail. DCR/MWRA are supportive of opening this trail. DCR just finalized the public access plan to include this parcel and MWRA's 8(m) public access permit is being signed in early July. The project has been underway for many years. The public access plans/permits and the funding have now aligned to begin the project in 2022.

Support for trails, open space, and expanding recreational opportunities have been favorably noted throughout all the town's public outreach activities since before 2008. Increasing access to open space, walkability through trails (and sidewalks), improved connectivity to regional trails were all ranked as top priorities in this category. This project will help Southborough meet the needs of its residents and continue to meet the goals & objectives outlined in the 2021 Master Plan and current Open Space Recreation Plan.

This project improves recreational infrastructure in town by improving the connection to existing

local and regional trail systems, adding additional recreational resources for all ages and abilities, providing safer trail crossing.

Other than driving to trail access points, participating in outdoor recreational activities does not contribute to carbon emissions. Making Southborough more walkable, connecting trails, also reduces the need to drive to trailheads (an important ongoing objective of STC)

**Estimated Useful Life (in years)**

75

**Amount Requested**

359,550

**Expected Funding Source**

Combination (please include details in section below)

**What alternate funding sources have you pursued to offset any portion of the amount requested?**

CPA Funds: \$47,011

DPW in-kind support: \$21,186

Mass Trails Grant: \$Unknown until 6/28/22

ARPA: \$194,547 requested; \$Unknown until 7/12/22 Select Board Vote

**Describe and quantify any revenue that this project may create for the town or alternatively operating costs that may be reduced (if applicable)**

no revenue will be generated

**Estimated Annual Maintenance Cost of Project**

1,000

**Provide details of the expected timeline for implementation of this project, upon funding**

Estimated Project Start: late summer/early fall 2022

Continue through December 2023

Project may extend into 2024 depending on contracting, bid process, funding, material availability and expense.

Please note: the estimated life useful life is the expected life of the fiberglass bridge and boardwalk. Not able to calculate actual life of the project.

Also - annual maintenance costs is a random # to be able to submit this form. This amount is not known at this time.

**Please provide any supporting documentation that supports the amount requested including any available vendor quotes.**peninsula\_trail\_project\_vendor\_quotes\_all\_06.24.22.pdf [2]**Please provide any additional files that you believe may be helpful with our review of this request****Date Submitted**

June 24, 2022

**Source URL:** <https://www.southboroughtown.com/node/123501/submission/10331>

**Links**

- [1] <https://www.southboroughtown.com/capital-planning-committee/webforms/capital-request-form-non-vehicle-related>
- [2] [https://www.southboroughtown.com/system/files/webform/peninsula\\_trail\\_project\\_vendor\\_quotes\\_all\\_06.24.22.pdf](https://www.southboroughtown.com/system/files/webform/peninsula_trail_project_vendor_quotes_all_06.24.22.pdf)

**Town of Southborough, Massachusetts****Capital Planning Committee****Monday June 27<sup>th</sup>, 2022 7:30 PM****Virtual Zoom Meeting**

May be watched or may participate in the meeting remotely with the meeting link at: <https://www.southboroughtown.com/remotemeetings>.

Pursuant to Chapter 20 of the Acts of 2021, An Act Relative to Extending Certain COVID-19 Measures Adopted During the State of Emergency, signed into law on June 16, 2021, this meeting will be conducted via remote participation. No in person attendance by members of the public will be permitted.

Agenda (all items may have one or more votes taken to the extent action is required):

- I. Call Meeting to Order
- II. Approval of Meeting Minutes from May 24, 2022
- III. Requests for addition to Capital Plan – Originating from ARPA Process
  - a. Historic District Signage
  - b. Peninsula Trail Project
- IV. Chair/Member's Updates
  - a. Neary Building Committee Update
  - b. SHOPC – South Union Subcommittee Update
  - c. Committee open position
- V. Discussion of FY23 Capital Planning Process, including setting of deadlines for submissions for Fall TM and ATM
- VI. Discussion of prioritization criteria for capital items
- VII. Next steps re: Space Needs Study including discussion of requesting Community Center Exploration Committee Charge
- VIII. Updates related to next steps on DPW Capital, including discussion of joint meetings with PWPB
  - a. Hopkinton Water Connection – Update on request to Select Board and next steps
  - b. Cordaville Road Project – FY23 capital request, discuss steps for public vetting
  - c. Road and Sidewalk Projects for FY23 – process before issuance of RFQ
- IX. Public Comment
- X. Meeting Schedule
- XI. Other business that may properly come before the Committee
- XII. Adjournment

Jason W. Malinowski, Chair

**Capital Planning Committee**  
**May 24, 2022**  
**Virtual Meeting held via Zoom**

Voting Members Present: Jason Malinowski (Chair), Jeffrey Hark, Joseph Palmer, Tony Schoener, Karen Wheeler

Non-present: Lisa Braccio

Ex-officio members Present: Mark Purple, Brian Ballantine

**I. Call Meeting to Order**

At 8:01 p.m. Mr. Malinowski called the Capital Planning meeting to order.

**II. Approval of Meeting Minutes from May 2, 2022**

Mr. Malinowski motioned to approve the minutes as edited. Seconded by Mr. Palmer. The Committee voted 5-0 by roll call vote to approve the motion. [Hark, aye; Palmer, aye; Schoener, aye; Wheeler, aye; Malinowski, aye].

**III. Chair/Member's Updates**

**a. Neary Building Committee Update**

Neary School feasibility study article passed at town meeting. Committee has not met since then. Will be meeting soon to chart path forward.

**b. SHOPC – South Union Subcommittee Update**

Sub-committee will be producing a report in the next 2-3 meetings that will be presented to the Select Board. The findings are that it can be developed for affordable housing, and the report will include details about funding and what is possible under current zoning.

**c. Committee reappointments and open positions**

The CIPC committee article was approved at town meeting. However, the committee's charge is not official until AG approval which will likely take place in the fall. The Select Board will make appointments for July 1. Once official approval by the AG's office is received, committee members will be moved to the official committee. Member terms will be determined at that time.

Mr. Malinowski reminded the committee to respond to the reappointment request from Ms. Otsuka, and to let him know if a current member is not planning to sign up for the next term.

**IV. Action on Resulting Decisions from Town Meeting**

**a. CIPC Bylaw**

## DRAFT

The CIPC Bylaw was passed at town meeting. AG approval is expected in late summer, early fall.

### **b. Road Maintenance Funds – Next Steps and anticipated process**

A public meeting is required for Ms. Galligan to present proposed road maintenance to the CIPC in preparation for an RFP. This proposal is not yet ready. Outstanding items include the park in the center of town and the Northborough Road culvert.

The goal is to create better transparency in the determination of road maintenance prioritization. Mr. Malinowski recommends sending a letter to the Select Board requesting use of Chapter 90 funds to hire a consultant to grade/rate the roads and produce a pavement management plan. This process would inform decisions on which roads to prioritize and how much funding should be allocated. Mr. Malinowski made a motion that CIPC support a letter to the Select Board requesting that the Town Administrator be given authority to issue an RFP for a pavement management program; funding to be determined at a later date. Seconded by Mr. Palmer. The Committee voted 5-0 by roll call vote to approve the motion. [Hark, aye; Palmer, aye; Schoener, aye; Wheeler, aye; Malinowski, aye].

### **c. Northborough Road Culvert – Discussion of recommended next steps**

The funding status is that we still have the state funding (available until June 2023), plus \$30K from the tax levy, and are short by \$80K. The Select Board has asked CIPC to weigh in on proposed next steps. The bids are going to expire, so we need to move forward quickly. Option 1: Authorize use of ARPA funds to cover bid shortfall. Option #2: Bid is too high; pull the plug on the project now; decide to rebid in the short term or wait until inflationary pressures comes down. Option #3: Use Ch. 90 and/or road maintenance funds to finish the project.

Mr. Malinowski made a motion to move that the CIPC support the sending of a letter to the Select Board around accepting the bid that came in just in advance of the annual town meeting, with the idea and premise that it be funded from ARPA, or existing Ch. 90 or existing road maintenance funds with the intent of no future town meeting authorization against the tax levy, with the understanding that the Northborough Road Culvert will not be at the expense of advancing the RFP for other roads that are in desperate need of repair in the town. Seconded by Mr. Hark. The Committee voted 5-0 by roll call vote to approve the motion. [Hark, aye; Palmer, aye; Schoener, aye; Wheeler, aye; Malinowski, aye].

Mr. Purple indicated that the Northborough Road Culvert would not be eligible for the state road repair program that recently allocated approximately \$200K+ to the town.

## **V. New Capital Requests**

### **a. Golf Course – Parking Lot Paving**

Mr. Malinowski moved that the CIPC support the addition of the golf course parking lot paving and irrigation to the FY24 capital plan, with the funding source to be determined

subject to future discussion and prioritization relative to other town capital needs. Seconded by Mr. Palmer. The Committee voted 5-0 by roll call vote to approve the motion. [Hark, aye; Palmer, aye; Schoener, aye; Wheeler, aye; Malinowski, aye].

**b. Golf Course - Irrigation**

See motion above.

The irrigation could be partially funded by golf course revenues or CPA funds.

**VI. ARPA Committee – Final presentation to Select Board and next steps for Capital**

The CIPC reviewed the ARPA Committee report. Mr. Palmer noted that the technology infrastructure project will be revisited pending Mr. Montijo's proposal. And the CIPC will need to work with the DPW to prioritize sidewalk funding.

**VII. Master Plan Committee Report – Review of feedback from Capital Planning during public comment period**

Mr. Malinowski applauded the plan's actionable objectives, and that the committee did the work themselves (vs. hiring a consultant in past years). No formal CIPC feedback.

The CIPC recommends that a Community Center Committee be established to further study this topic with the goal of ultimately bringing a proposal to Town Meeting that is representative of the numerous potential user groups. Mr. Malinowski will send this recommendation to the Master Plan Committee

Mr. Schoener departed the meeting at 9:33 pm.

**VIII. Capital Project Update Tracker – Review of Q3 Status Report and discussion on additional data for future reports**

The report summarizes all active capital articles coming into the fiscal year and status. No questions on project status. Email Mr. Ballantine with questions.

**IX. Public Comment**

No members of public remaining.

**X. Meeting Schedule**

Mr. Malinowski will be back in touch regarding a June meeting date. Bring thoughts on prioritization of capital projects to next meeting.

**XI. Other business that may properly come before the Committee**

None

**XII. Adjournment**

Mr. Malinowski made a motion to adjourn at 9:41 pm. Seconded by Mr. Hark. The Committee voted 4-0 by roll call vote to approve the motion. [Hark, aye; Palmer, aye; Wheeler, aye; Malinowski, aye].

Minutes submitted by Karen Wheeler Committee Member.

**Documents Referenced During Meeting:**

- 1) Meeting Minutes from May 2, 2022
- 2) Capital Request – Golf Course Parking Lot Paving
  - a. Paving Quote
- 3) Capital Request – Golf Course Irrigation
- 4) ARPA Committee Final Report
- 5) Master Plan Committee Report
- 6) Capital Project Update Tracker – Q3