

July 13, 2017

Hannah Moore
Director, Incentive Program Investments
Rhode Island Commerce Corporation
315 Iron Horse Way, Suite 101, Providence, RI 02908

Ms. Moore:

Please accept this final report on the East Greenwich Main Street Streetscape Improvement Grant Project. Consistent with our grant agreement signed in July, 2016, we completed the funded project by December 31, 2016 in a good and workmanlike manner and now seek reimbursement for the amount awarded (\$32,400). You will find attached "before and after" photos of all installations as well as invoices and cancelled checks documenting the payment of various vendors. Journal entries from our Finance Department in three categories ("Grant for \$32,400; Main Street Sidewalks; and Lighting") further document the costs incurred for these implementation projects. As stated in our application, our improvement project consisted of sidewalk, walkway and curbing repairs as well as pervious, ADA-compliant tree surrounds to enhance our system of street trees from both an aesthetic and accessibility perspective. The Town also installed decorative banners and tree lights as well as new pole-mounted trash cans.

Ultimately, the Town undertook \$55,587.95 in improvements last Fall and we hereby request our full grant reimbursement of \$32,400. The Town's cash match on the project is thus \$23,187.95 which represents a 41.71 percent match. The terms of our grant agreement stipulated the Town's share would be at least 30% and we clearly exceed that requirement. While the Town did not complete as much sidewalk repair and other physical work last Fall as we had hoped, we did accomplish a great deal and the other major items addressed by the grant application were completed on time and within budget.

This final report does not reflect landscaping as itemized in our original request because the Town moved forward with much of that work before the grant was awarded and thus carried out those improvements outside the parameters of the Streetscape Grant. To illustrate that work, though, we would share the following before and after photos of plantings installed last spring so the RI Commerce Corporation can see the Town's full compliance with the intent spelled out in our application. As noted in our grant application last year, projects like the RIPTA-funded "TransArt" bus shelter were welcomed by residents, businesses, and the municipal government alike, but we lacked funds at the end of that project to finish out the landscape treatments that would really round out the installation. The Main Street grant has indirectly enabled us to accomplish that by freeing up beautification and improvement funds that can now be used for that purpose. The contemporary sculpture which was part of a public art installation project a few years ago that is shown in subsequent photos tells a similar tale and again, the current grant award allowed for a tangible improvement.



Bus Shelter, Main and Queen Streets, late winter, 2016



Bus Shelter, Main and Queen Streets, early summer, 2016 – mulch and plantings installed



Sculpture, Main and King Streets, early spring, 2016



Sculpture, Main and King Streets, Summer, 2016

We must note the Town opted, with input from the local Merchants' Association, to do lighting improvements in lieu of the bench installations addressed by the original grant application. The lighting costs are detailed in the attached spreadsheets (\$1,626.90) and the idea was that the festive pedestrian-friendly atmosphere created by the lighting at the holidays should persist year-around and the lights have the added benefit of augmenting public safety and visibility.

The kiosks addressed by the original grant application were built but not installed in 2016 because we ran into logistical issues with property owners/rights of way regarding where to site them. Since they were not installed in the time frame addressed by the grant, we are not requesting reimbursement. We did, however, implement wastebasket replacement and addition improvements. We have found the presence of the plentiful trash receptacles like the one shown below significantly reduces litter along our major pedestrian thoroughfare and this has been a beneficial and attractive enhancement. A total of 14 additional waste baskets were installed along Main Street as shown in the subsequent photos.





Newest 10-gallon pole-mounted waste baskets, early Fall, 2016

The Town proposed banner installation on light poles as a means to both beautify and unify the visual appearance of downtown. The Town has installed arm attachments for hanging banners on our lanterns along Main Street and the public appreciates and admires these installations. The banners are exposed to the weather, however, and in order to reduce wear and tear and extend their lifespan, we rotate the banners seasonally. The following photo shows recently purchased “summer” banners which are in place at present. We also have historical themed banners that are in place the majority of the remainder of the year.



The most significant part of our 2016 Streetscape Improvement project has been repairs to sidewalks and installation of pervious tree-surround treatments within them. Some parts of Main Street experienced crumbling and heaving sidewalks which were both unattractive and a safety hazard. Major repairs were made both to the walking surface and curbing during 2016. Additionally, the Town had noted in our grant application that tree wells along Main Street were a mish mash of surface treatments (from mulch, to dirt to cobblestone) and continuity of appearance became a priority. It was also important to establish a high quality, well-maintained walking surface that enhances accessibility by creating an ADA-compliant pedestrian network. The Town went out to bid for the tree well project and ultimately had 33 rubber aggregate "Flexi-Pave" tree wells installed. This material has been used in other Rhode Island locations including Newport and was highly recommended. It provides for good drainage which contributes to tree health and pedestrian safety and augments the traversable area by adding smooth and continuous at-grade surface right up to the trees themselves. The Town has been very happy with the product and the installation so far. Before and after photos of the sidewalks and tree surrounds follow.

In summary, the Town of East Greenwich feels its streetscape grant project has been a resounding success and all the goals of the original application, including enhancing the historic village ambiance and encouraging appropriate economic development that compliments it, have been met. As noted, invoices, cancelled checks, and journal entries follow to support our request for reimbursement at this time. We hope this meets with your favorable review. Please feel free to call with any questions.



Tree well and cracked sidewalk near 500 Main Street prior to improvement



Near 500 Main Street, East Greenwich

Sidewalk sections replaced, new pervious tree surround installed, and tree trunk wrapped with lighting



Near 239 – 247 Main Street prior to improvement.

Dirt tree surround and heaving sidewalk.



Near 239 – 247 Main Street; close up of new sidewalk sections installed just before the “Flexi-Pave” pervious tree surround project.



“After” photo of new sidewalk and tree surround with lighted tree at 239 Main Street

AL	EFF DATE	SRC	REF1	PO/REF2	REF3	REFERENC	AMOUNT	CHECK NO	WARRANT	VOUCHER	VDR NAME/ITEM DESC	COMMENTS
	'04/11/2017	API	'009159	'20171782	'119467	'W 041117	1,000.50	'135839	'041117	'130518	'MHO TRUCK EQUIPMENT	'EMERGENCY LIGHTING FOR NEW H-6
	'11/21/2016	API	'015225	'20171158	'114995	'W 112116	3,617.05	'133583	'112116	'126036	'BROOKLINE MACHINE CO.	'HYDRAULICS FOR NEW H-6 AS PER
	'02/10/2017	API	'057999	'20170542	'117762	'W 021017	53,850.00	'134943	'021017	'128806	'FLOOD FORD OF EAST GREENWICH	'4X4 UTILITY TRUCK AS PER BID P
	'11/01/2016	API	'001327	'20170384	'114143	'W 110216	131,882.15	'133153	'110216	'125176	'TRI-COUNTY CONTRACTORS SUPPLY	'TRACTOR MOWER FOR HWY DEPT AS
	'02/02/2017	API	'017795	'20170866	'117522	'W 020220	7,255.00	'134819	'02022017	'128566	'DEJANA TRUCK & UTILITY COMPANY INC.	'SNOW PLOW FOR NEW H-6 AS PER Q
	'11/29/2016	API	'080300		'115221	'W 113016	788.74	'133725	'113016	'126262	'W.B. MASON	'BULLETIN BOARD FOR NEW KIOSK
	'01/04/2017	API	'012305	'20171202	'116375	'W 010417	450.00	'134313	'010417	'127418	'JOHN C. KOHAUT	INC. 'CORBELS FOR NEW KIOSK AS PER Q
	'12/01/2016	API	'003055	'20171011	'115418	'W 120120	2,893.00	'133791	'12012016	'126459	'M.E. O'BRIEN & SONS INC	'14 - 10-gallon pole mount rece
	'12/21/2016	API	'003953	'20171379	'116228	'W 122316	945.25	'134213	'122316	'127270	'RLEIGHS OUTDOOR DECOR	'Historic Main Street Banners
	'12/21/2016	API	'003953	'20171380	'116229	'W 122316	1,669.24	'134213	'122316	'127271	'RLEIGHS OUTDOOR DECOR	'Main Street Summer Banners
	'10/24/2016	API	'003953	'20171015	'113757	'W 102416	1,899.24	'132982	'102416	'124788	'RLEIGHS OUTDOOR DECOR	'Seasonal banners for historic
	'12/01/2016	API	'012341	'20171303	'115419	'W 120120	20,835.00	'133804	'12012016	'126460	'TRI-STATE FLEXI-PAVE	INC. 'Main Street Tree Surrounds
	'12/01/2016	API	'012341	'20171304	'115420	'W 120120	2,790.07	'133804	'12012016	'126461	'TRI-STATE FLEXI-PAVE	INC. 'Main Street Tree Surrounds
	'01/30/2017	API	'004270	'20171199	'117391	'W 013120	12,757.00	'134780	'01312017	'128435	'RT NUNES & SONS INC# 134780	'SIDEWALK AND CURBING REHAB AT
	'01/23/2017	API	'012500		'117100	'W 012417	10,172.25	'134650	'012417	'128144	'CARDI CORPORATION # 134650	Sidewalks
	'10/26/2016	API	'035200		'113855	'W 102720	684.00	'133032	'10272016	'124886	'HOME DEPOT CREDIT SERVICES	'CHRISTMAS LIGHTS FOR MAIN STRE
	'10/26/2016	API	'035200		'113856	'W 102720	942.90	'133032	'10272016	'124887	'HOME DEPOT CREDIT SERVICES	'CHRISTMAS LIGHTS FOR MAIN STRE
	'12/01/2016	API	'012342	'20171305	'115444	'W 120216	11,695.00	'133748	'120216	'126485	'CIVIC PLUS	'Civic Plus - website payment 1
	'11/01/2016	API	'008576	'20170845	'114121	'W 110216	23,989.00	'133135	'110216	'125153	'EAST COAST SEALCOATING CO.	'TENNIS COURT RESURFACING AS PE
	'07/20/2016	API	'006339	'20170004	'110279	'W 072020	2,215.55	'131174	'07202016	'121293	'MOTOROLA SOLUTIONS	'Motorola APX 6000 Portable Rad
	'07/20/2016	API	'006339	'20170004	'110280	'W 072020	10,750.00	'131174	'07202016	'121294	'MOTOROLA SOLUTIONS	'Motorola APX 6000 Portable Rad
							12,965.55				IT - Radios	

2017 '05	303	'11/29/2016	API	'080300		'115221	'W 113016	788.74	133725	'113016	'126762	W.B. MASSON	'BULLETIN BOARD FOR NEW KIOSK
2017 '07	23	'01/04/2017	API	'012305	'20171202	'116375	'W 010417	450.00	134313	'010417	'127418	'JOHN C. KOHAUT	'CORBELLS FOR NEW KIOSK AS PER Q
2017 '06	18	'12/01/2016	API	'003055	'20171011	'115418	'W 120120	2,893.00	133791	'12012016	'126459	'M.E. O'BRIEN & SONS INC	'14 - 10 gallon pole mount rece
2017 '06	326	'12/21/2016	API	'003953	'20171379	'116228	'W 122316	945.25	134213	'122316	'127270	'RILEIGHS OUTDOOR DECOR	'Historic Main Street Banners
2017 '04	326	'12/21/2016	API	'003953	'20171380	'116229	'W 122316	1,669.24	134213	'122316	'127271	'RILEIGHS OUTDOOR DECOR	'Main Street Summer Banners
2017 '06	226	'10/24/2016	API	'003953	'20171015	'113757	'W 102416	1,899.24	132982	'102416	'124788	'RILEIGHS OUTDOOR DECOR	'seasonal banners for historic
2017 '06	18	'12/01/2016	API	'012341	'20171303	'115419	'W 120120	20,835.00	133804	'12012016	'126460	'TRI-STATE FLEXI-PAVE	'Main Street Tree Surrounds
2017 '06	18	'12/01/2016	API	'012341	'20171304	'115420	'W 120120	2,790.07	133804	'12012016	'126461	'TRI-STATE FLEXI-PAVE	'Main Street Tree Surrounds

32,270.54 Grant for \$32,400 to reimburse for expenses

CHECK



*SPECIFICATIONS FOR
REQUEST FOR PROPOSALS*

"TREE SURROUNDS"

FOR MAIN STREET TREES

SPECIFICATIONS

GENERAL. The Town of East Greenwich is requesting proposals for Tree Surrounds for the trees lining the Main Street sidewalks. At a minimum, the following features shall be included in the proposal:

- The proposal is for the purchase and installation of thirty-three (33) porous and permeable tree surrounds.
- Material for the top layer of the tree surrounds shall be at least 1½ to 2 inches thick and consist of a mixture of recycled tires, crushed rock, and a binding agent.
- The material used shall have documented evidence of UV resistance, freeze/thaw cycle durability tests, de-icing salt resistant and slip/skid resistance. The material shall have a permeability capacity of at least 2400 GPH with documentation of the specifications.
- The material shall meet current EPA, NFPA, and ADA standards as well as have been tested for porosity, permeability, and compression.
- Underneath the top layer shall consist of a minimum of 4" leveling and filler aggregate, preferably ¾" stone aggregate with 95% compaction. Under the stone aggregate will be a layer of filter fabric nonwoven needle-punched geotextile, manufactured for subsurface drainage applications.
- The contractor shall coordinate with the Department of Public Works to determine when and where each tree surround will be installed. The tree surrounds shall be installed on the tree wells during normal working hours (8:30 AM to 4:30 PM). Contact person is Lorri Byrne, Assistant Town Engineer , Tel:(401)886-8616
- Any items not specifically mentioned, but that are required for the purpose intended, shall be included in your proposal. The Town reserves the right to accept or reject any unit price item or combination thereof due to budgetary limitations.

POROUS AND PERMEABLE TREE SURROUNDS

SCOPE

Provide and install tree surrounds with porous and permeable material consisting of recycled tires, crushed aggregate, and a binding agent. The contractor will work with the Department of Public Works to coordinate when and where each tree surround will be installed.

DESCRIPTION OF WORK

The proposed project involves thirty-three (33) tree wells in the Town of East Greenwich, RI.

All thirty-three (33) tree wells are located on along Main Street, from Division Street to First Avenue, in East Greenwich.

The Contractor shall furnish all labor, materials, tools, and equipment necessary to Furnish and Install Stone Dust or Flexi-Pave Tree Well. All work shall be in accordance with The Rhode Island Standard Specifications for Road and Bridge Construction, amended December 2010 with all latest revisions and manufacturers' specifications. The Contractor shall notify the various utility companies (gas, water, electric, telephone, etc.) to coordinate work on or near their respective structures.

Exact site locations must be coordinated with the Town of East Greenwich's Department of Public Works.

TREE SURROUND REQUIREMENTS

1) General Requirements:

Material:

Flexible, permeable and porous paving material such as KBI Flexi-Pave or approved equal

KBI Flexi®-Pave HD2000 is a 2" layer of a constructional paving material made from recycled passenger tires and aggregate bound together with a proprietary binding agent: XFP75 as manufactured by KB Industries, Inc. All tree wells shall be Cypress colored Flexi-Pave furnished at two (2) inches.

Select Stone Dust leveling and filler aggregate shall be a composite of crushed or uncrushed coarse aggregate and natural or crushed fine aggregate, all provided from approved sources (preferably made from crushed bluestone). The composite aggregate shall be free of compressible or organic soils, soft or elongated rock fragments or gravel, and vegetative matter.

2) Construction Methods:

1. Preparation

In cases where a tree obstructs the construction of a proper width sidewalk, a tree well shall be constructed around the base to provide pedestrian with a smooth, firm, and slip resistant surface to walk on. All roots, sod, weeds, cobbles or stone with any dimension greater than 1 inch shall be removed and legally disposed of. The stone dust surface shall be graded, and all roots, sods, weeds, cobbles or stones with any dimension greater than one (1) inch shall be removed and legally disposed of. After shaping and grading, the stone dust material shall be mechanically compacted.

2. Protection of Finished Surfaces

Finished surfaces adjacent to the paving work shall be adequately protected from staining and other damage during construction.

3. Pavement Material such as KBI Flexi-Pave or Approved Equal:

a. KBI Flexi®-Pave or like material can be installed from 45°F degree to 95°F degree temperatures.

Important: When curing, the temperature should not fall below 35°F.

b. KBI Flexi®-Pave can be installed by K.B. Industries, Inc. CERTIFIED INSTALLERS having the KBI CERTIFICATION NUMBER. Other material, if approved, shall have similar certified installers. Install as shown on the drawings per manufacturers recommendations.

4) Method of Measurement:

Furnish and Install Stone Dust will be measured on a "Per Cubic Yard" basis by the volume of tree well actually installed and restored in accordance with the Plans and/or as directed by the Engineer. Furnish and Install Flexi-Pave will be measured on a "Per Square Yard" basis by the volume of tree well actually installed and restored in accordance with the Plans and/or as directed by the Engineer.

Basis of Payment:

Furnish and Install Stone Dust shall be paid for at the respective contract unit prices "Per Cubic Yard" as listed in the Proposal. Furnish and Install Flexi-Pave shall be paid for at the respective contract unit prices "Per Square Yard" as listed in the Proposal. The prices so-stated constitute full and complete compensation for all labor, materials, and equipment associated with (but not limited to) excavation and legal disposal of concrete sidewalk, mechanical compaction, furnish and placement of bluestone stone dust material, sand and leveling, and Flexi-Pave material, and any other incidentals associated with the work complete and accepted by the Engineer.

REQUEST FOR PROPOSALS
PROPOSAL FORM/ AUGUST 26, 2016

I Tri-State Flexi-Pave, Inc. (the Contractor) hereby agrees to contract to furnish the Town of East Greenwich In accordance with the attached specifications, the following:

"TREE SURROUNDS"
FOR MAIN STREET TREES

THE CONTRACTOR SHALL FURNISH THE FOLLOWING LUMP SUM PRICES FOR THE FOLLOWING AS SPECIFIED.

LUMP SUM UNIT PRICES

ITEM 1) COST PER SQUARE FOOT OF MATERIAL ONLY INSTALLED IN THIRTY-THREE (33) TREE WELLS. Complete and according to the specifications.

Cost per Square Foot: Fourteen dollars and Five cents \$ 14.05
Written Words

ITEM 2) COST PER SQUARE FOOT OF MATERIAL PLUS INSTALLATION INSTALLED IN THIRTY-THREE (33) TREE WELLS. Complete and according to the specifications.

Cost per Square Foot Plus
Installation: Thirty Four dollars and Fifteen cents \$ 34.15
Written Words

ITEM 3) HOURLY INSTALLATION RATE. Complete and according to the specifications.

Hourly Rate: Sixty Six dollars and Twenty Five cents \$ 66.25 per man hr
Written Words

ITEM 4) TOTAL PRICE FOR WHOLE PROJECT. Complete and according to the specifications.

Total Price: Twenty Thousand Eight Hundred Thirty Five \$ 20,835.00
Written Words dollars

The following check mark certifies my Proposal:

Conforms to Specifications : (Yes) ✓ (No) _____

Addendum Received: N/A (Yes) _____ (No) _____ #'s _____

Estimated Delivery Date: September 30th 2016

(Typed Name of Company)

Tri-State Flexi-Pave, Inc.

(Typed Company Address)

431 Cherry St. Bridgeport, CT 06605

(Typed City or Town of Company) (State)

(Zip Code)

(203) 690-1760

203-916-4912

(Phone) area code

(fax)

Henri B. Hillmann Director of Operations

(Typed Name of Company Official)



(Signed Name of Company Official)

I certify that the above price is free of all State and Federal

Taxes



8-22-16

(Signed Name of Official)

(Date)