



City of Berlin, NH

Berlin Planning Department

July 13, 2018

Thomas Jameson, TAP Program Manager
NHDOT Bureau of Planning & Community Assistance
John O. Morton Building
7 Hazen Drive, PO Box 483
Concord, NH 03302-0483

RE: TAP Program Letter of Intent

Dear Mr. Jameson:

The City of Berlin is submitting a letter of interest to the Transportation Alternatives Program for the construction of new sidewalk along Hutchins Street on the east side of Berlin. The City recently constructed a significant amount of new sidewalk along Hutchins Street and this request would pick up where the previous project stopped and continue to an intersection where sidewalk begins again. This project will provide safety for pedestrians, continuity by having contiguous sidewalk access along Hutchins Street, and the ability to promote a walking loop with the riverwalk project currently in design across the river. The sidewalk construction will be approximately 1760 feet in length along Hutchins Street from the area of Napert Village to the intersection with Columbia Avenue (see attached map).

While this project will bring a sidewalk along land that is known as Dummer Yard and part of the former mill property and landfill, we do not feel that there will be any historic, cultural or natural resource conflicts in the construction of a new sidewalk.

The eligible TAP activities we believe that are applicable to this project are all related to the planning, design and construction for:

- On- and off-road trail facilities for pedestrians, bicyclists, and other non-motorized users.
- Projects that will provide safe routes for non-drivers, children, older adults and individuals with disabilities.

We estimate the project will cost approximately \$715,000.00. The City will be requesting TAP funds in the amount of \$572,000.00.

The contact person for this application process will be:

Pamela E Laflamme (LPA certified)
Community Development Director
168 Main Street
Berlin, NH 03570
603-752-8587
plaflamme@berlinnh.gov

Please let me know if you have any questions. I look forward to hearing from you.

Sincerely,

A handwritten signature in black ink, appearing to be 'P. Laflamme', written over a horizontal line.

Pamela E Laflamme
Community Development Director

Pamela Laflamme

From: Jay Poulin <jpoulin@hebengineers.com>
Sent: Wednesday, July 11, 2018 2:30 PM
To: Pamela Laflamme; Jim Wheeler
Cc: Jay Poulin
Subject: Hutchins St. Sidewalk Extension - TAP Grant
Attachments: Hutchins Street Sidewalk Extension Plan.pdf; Hutchins Street Sidewalk Extension Cost Estimate 07-11-2018.pdf

Pam, Jim,

Attached are documents you can use as part of your anticipated NHDOT TAP Letter of Interest (LOI) for extension of sidewalk from Napert St. to Columbia Ave. The attachments include:

- Plan utilizing Google Earth image to highlight location of proposed sidewalk project.
- Estimate of total project costs.
 - Estimate includes same sidewalk typical section used for recent Hutchins St. road improvement project, including:
 - 8' total width
 - 5'-wide paved sidewalk with 30"-wide concrete paver utility area
 - Two (2) future utility conduits
 - Vertical granite curbing
 - Drainage improvement allowance

Based on the estimate, we would recommend the City develop the LOI and request \$715,000.

Should you have any questions or concerns, please let me know.

Thanks.

Jay J. Poulin, PE
President/Lead Civil Engineer

HEB Engineers, Inc.
Civil | Structural | Survey
New Hampshire (603) 356-6936 • Maine (207) 803-8265
jpoulin@hebengineers.com • www.hebengineers.com

Please consider the environment before printing this email.

NOTICE: The information contained in this e-mail transmission is intended only for the individual or entity named. THIS INFORMATION MAY BE PRIVILEGED AND CONFIDENTIAL. If the reader of this message is not the intended recipient, you are hereby notified and instructed that you are prohibited from disseminating, distributing or copying any part of this communication. If you receive this email transmission in error, please notify me.

PO Box 440
2605 White Mountain Highway
North Conway, NH 03860

HEB Engineers, Inc.

(603) 356-6936
(603) 356-7715
www.hebengineers.com

Engineer's Opinion of Probable Construction Cost

City of Berlin
Hutchins Street Sidewalk
Berlin, NH

Project #:
Date: 07/11/18
Computed by: JDS
Checked by: JJP

NHDOT Item #	Description	Unit	Unit Cost	Quantity	Total Cost
Earthwork					
201.22	REMOVING LARGE TREES	EA	\$ 2,000.00	15	\$ 30,000.00
202.6	CURB REMOVAL FOR SALVAGE	LF	\$ 3.50	1200	\$ 4,200.00
202.7	REMOVAL OF GUARDRAIL	LF	\$ 3.00	150	\$ 450.00
203.1	COMMON EXCAVATION	CY	\$ 20.00	675	\$ 13,500.00
Base Courses					
304.1	SAND (F)	CY	\$ 30.00	25	\$ 750.00
304.2	GRAVEL (F)	CY	\$ 30.00	100	\$ 3,000.00
304.3	CRUSHED GRAVEL (F)	CY	\$ 40.00	375	\$ 15,000.00
Pavements					
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	\$ 160.00	225	\$ 36,000.00
Structures					
Incidental Construction					
606.5369	WOOD GUARDRAIL	LF	\$ 120.00	150	\$ 18,000.00
608.4	CONCRETE PAVERS	SY	\$ 70.00	500	\$ 35,000.00
608.54	DETECTABLE WARNING DEVICES, CAST IRON	SY	\$ 75.00	8	\$ 600.00
609.01	STRAIGHT GRANITE CURB	LF	\$ 40.00	2000	\$ 80,000.00
614.142	4" PVC CONDUIT, SCHEDULE 80, CONC. ENCASED	LF	\$ 80.00	600	\$ 48,000.00
614.74118	4" PVC CONDUIT, SCHEDULE 80	LF	\$ 22.00	3000	\$ 66,000.00
619.1	MAINTENANCE OF TRAFFIC	U	\$ 25,000.00	1	\$ 25,000.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	\$ 3.00	500	\$ 1,500.00
646.51	TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND LOAM	SY	\$ 4.00	3600	\$ 14,400.00
<i>(F) Indicates final bid quantity</i>					
Construction Subtotal					\$ 391,400.00
25% Contingency					\$ 78,280.00
Drainage Allowance					\$ 50,000.00
Total Construction Cost					\$ 519,680.00
Engineering Fee (15% of Total Construction Cost)					\$ 77,952.00
Construction Administration Fee (20% of Total Construction Cost)					\$ 103,936.00
Total Project Cost					\$ 701,568.00