

<b>For NHDOT use only:</b> Application #: _____ LOI Received on: _____ MMW Attendee: _____ MMW Date: _____ Application Received on: _____
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**NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION  
TRANSPORTATION ALTERNATIVES PROGRAM (TAP)**

**Round 4 - 2021 APPLICATION FOR FUNDING**

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**1. Sponsor Information** *(Sponsor is the municipality or school district / SAU that is applying. Contact is the person who will be in responsible charge of the project).*

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**Sponsor Name:**

**Mailing Address:**

**Telephone:**

**Email:**

**Contact Name:**

**Title:**

**Mailing Address:**

**Telephone:**

**Email:**

**Governing Regional Planning Commission:**

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## 2. Project Information

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**Map:** *(A map is required as part of the application. Map must be scanned as a pdf file. Map should include street names, State route numbers, project details, identification of resources, north arrow, and a scale)*

**MAP SUBMITTED**

**Eligible TAP Activities:** *Check the eligible TAP activity(s) that your project is proposing.*

*Construction, planning, and design of on-road and off-road trail facilities for pedestrians, bicyclists, and other non-motorized forms of transportation, including sidewalks, bicycle infrastructure, pedestrian and bicycle signals, traffic-calming techniques, lighting and other safety-related infrastructure, and transportation projects to achieve compliance with the Americans with Disabilities Act of 1990 (42 USC 12101 et seq).*

*Construction, planning, and design of infrastructure-related projects and systems that will provide safe routes for non-drivers, including children, older adults, and individuals with disabilities to access daily needs.*

*Conversion and use of abandoned railroad corridors for trails for pedestrians, bicyclists, or other non-motorized transportation users.*

*The Safe Routes to School Program eligible projects and activities listed at section 1404(f) of the SAFETEA-LU: Infrastructure-related projects only.*

**Description of work being proposed:**

*(Clearly describe purpose and need for project as well as project goals and objectives)*

**Resources within project limits:**

*(List all cultural, archeological, and natural resources, as well as any known hazardous materials in project limits)*

**Project Details**

**Road Name(s)** *(List all roads in project limits)*

**State Route Number:** *(List all State route numbers or N/A if on a municipal road)*

**Railroad:** *(List name of railroad corridor if rail trail or rail with trail project)*

**Other:** *(If off-road path, describe beginning and ending termination locations)*

**Length of Project:** *(If more than one location, provide total length of proposed improvement)*

**Width of proposed improvement:** *(If width isn't consistent, provide an average width for majority of improvements)*

**Surface Type:** *(List Paved, Concrete, Gravel, Stone Dust, etc. for all proposed improvements)*

**Ownership:** *(List the entity that owns the land in the limits of your proposed improvements)*

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### 3. Project Cost Estimate

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Identify the estimated project costs under each of the phases below.

**A) Design/Engineering:** \$   
*(Costs for engineering study, preliminary design, environmental review, identifying and establishing right-of-way, easements preparation, final design, and bid phase services)*

**B) Right-Of-Way:** \$   
*(Cost of easement acquisition and/or land acquisition)*

**C) Construction:** \$   
*(Cost of constructing project, materials, and labor)*

**D) Construction Engineering:** \$   
*(Cost of engineering oversight for the project. Oversight needs to be almost fulltime.)*

**Project Total:** \$   
*(Min. \$400,000 Max \$1,250,000)*

#### Identify the amount of federal funding you are applying for.

*If you are overmatching your project to get your total up to \$400,000 or over \$1,250,000 you add the additional funds to your required match and put that in the Match\$ box below. Your % federal funds will be adjusted based on your amount of overmatch. If you are adding funds that will be in addition to the amount of federal funds and match for your project those are considered non-participating funds. In this case you put the additional funds in the non-participating box. This is usually done if you want to do additional work that may not be eligible under the TAP program but you want the work done under the overall contract.*

**Federal \$**   
*(\$1,000,000 Max. \$320,000 Min. for federal amount requested)*

%  
*(80% Max. for TAP reimbursement)*

**Match \$**   
*(Enter amount of local match and additional funds if applicable)*

%

**Non-Participating \$**

**Funding Total \$**   
*(Min. \$400,000 Max.\$1,250,000)*

*Reason for non-participating funds*

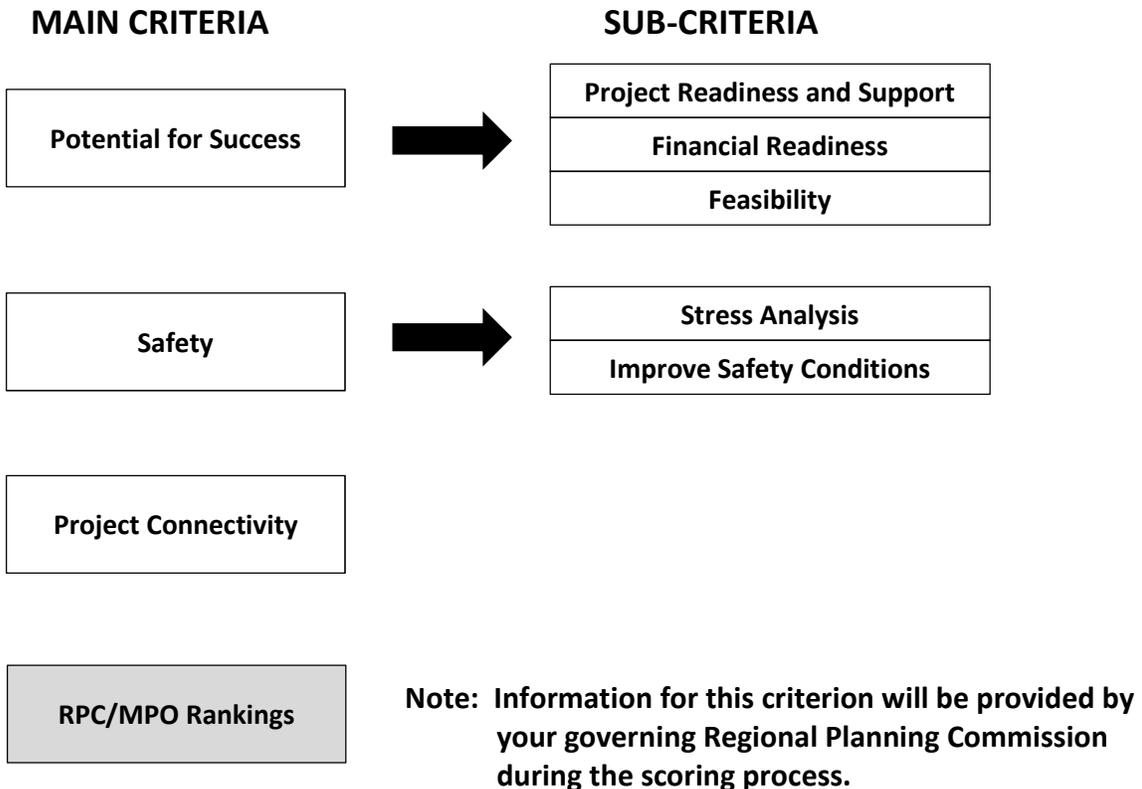
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**4. Evaluation Criteria** (*Applications will be scored on criteria developed by the Department's Transportation Alternatives Program Advisory Committee (TAPAC). The TAPAC developed these criteria to select the best applications for funding.*)

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There are four main criteria and five sub-criteria that will be used to evaluate projects and are listed below:

- **RPC/MPO Ranking criterion, Section D will be done by the governing regional planning commission using the information provided in the application. Application will be submitted to the Department and the Department will forward copies to the Regional Planning Commissions**



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**A) Potential for Success: Sponsor will need to demonstrate the factors that will indicate a project's likeliness to succeed.**

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**MANDATORY REQUIREMENT: All applications must include a letter of support from the Sponsor's governing body committing to actively engaging and leading the project. Application will not be accepted without this letter.**

**Letter of support attached:**

- **Project Readiness and Support:** *Is the project part of a local and/or regional plan and effort, and has it been endorsed by local and regional bodies and advocacy groups? That is, did you build your case about the importance of this project to many constituents like conservation commission, planning board, other local groups? Is it part of a regional plan or have RPC/TAC support? Is it part of a master plan or other planning document? (Number of constituents and/or planning documents will be used for scoring)*

- **Financial Readiness:** *(TAP is a reimbursement program. Sponsor will have to gross appropriate funds for the entire project. (The Department reimburses a maximum of 80% of each reimbursement request.) Explain how the project will be funded and the timeline for funding. Is there a written commitment to bring this project forward for approval of funds at town meeting, through capital reserve funds, through inclusion in the capital improvement plan, etc. or are there funds already raised/appropriated and dedicated to this project?*

- **Feasibility:** *Address historic, cultural, environmental, maintenance, possible areas of contamination, and other related issues that may impact the project's ability to succeed. Applicant should discuss issue and how it will be addressed. Discuss impacts to project timeline and possible financial impacts.*

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**B) Safety: Projects will need to demonstrate the extent to which the project will improve safety conditions and/or reduce the perception of user stress as a result of the project being implemented. This criterion will be rated on the difference between the stress level of the existing condition versus the anticipated stress level of the proposed project.**

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- **Stress Analysis:**

- *Describe the existing stress level of your project area as it exists today without the proposed project and based on the scale below, assign it a letter. You must justify why you chose the letter.*
- *Describe the anticipated stress level for the project area after the proposed project is completed and based on the scale below, assign it a letter. You must justify why you chose the letter.*

A - Facility is reasonably safe for all children.

B - Facility can accommodate users with basic skills and knowledge of traffic.

C - Facility requires an intermediate level of skill and knowledge of traffic to use.

D - Facility requires an advanced level of skill and knowledge of traffic to use.

E - Facility is generally not suitable for pedestrians or bicyclists.

- **Improve Safety Conditions:** *Improvement over existing safety conditions - are there very specific actions that are being taken to improve safety. What specific safety improvements will be made? If there is information, (road safety audit, corridor study, etc.) to support it, please provide it in pdf format with your application. Only specific actions and improvements will be used for scoring - anecdotal information will not be used.*

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**C) Project Connectivity: Project will need to demonstrate how it enables movement from origins to destinations, how it fits in with the larger transportation network and identify any other modes it will serve.**

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- *Does the project fill a vital gap in an existing transportation network or phased plan? Does it provide a standalone new facility that did not exist previously? Is it part of a larger phased plan? List the different modes and destinations it link together? Please describe in detail all connections, and if part of a phased plan what will the proposed improvement accomplish? Is it the first phase, middle phase or final phase of the plan.*

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**D) RPC/MPO Rankings: This section will be completed by the local Regional Planning Commission for your project.**

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- *The Department will send applications to the local Regional Planning Commissions to score and develop a regional ranking. This information will then be incorporated into the final score of projects.*

***NO ACTION NEEDED FROM APPLICANT FOR SECTION D***

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**Only one application will be accepted per municipality**

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- *The Department received 43 letters of interest requesting more than \$29.6 million in federal funds.*

5) Application Submission Information: The application is an adobe .pdf form and it must be saved and copied to our Department FTP site. Any supporting documents like the Map, Letter of support and other supporting documentation need to be submitted with the application in pdf format and saved to the FTP site. Directions on accessing the Department FTP site are below. A tutorial on accessing the FTP site and copying files will be on the TAP website.

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**APPLICATIONS ARE DUE BY 11:59PM FRIDAY MARCH 19, 2021!**

**Failure to meet this deadline will result in your project being removed from the scoring process.**

### **Submission Guidelines**

**Format:** Application form ***must*** be saved electronically as a pdf and then copied to the Department FTP site. All supporting maps, letters and other documents must be saved as a pdf and transmitted saved to the Department FTP site with the application form.

**Naming Convention:** The FTP site has one folder for all submissions, **TAP Applications Round 4**. To keep track of the applications and attachments it is ***essential*** you follow the following naming convention. Name of town/city followed by file.

Example: **ConcordApplication.pdf ConcordMAP.pdf ConcordLetterOfSupport.pdf**

Failure to follow this naming convention will cause confusion and could result in applications and/or attachments being lost.

**A TUTORIAL DOCUMENT WILL BE PUT ON THE TAP WEBSITE. THIS DOCUMENT WILL SHOW HOW TO ACCESS THE FTP SITE, HOW TO COPY FILES TO THE SITE AND TO EXPLAIN THE REQUIRED NAMING CONVENTION**

**Submission:** All files must be received on or before 11:59 PM Friday March 19, 2021.

Direct any questions to: Tom Jameson, email: [thomas.e.jameson@dot.nh.gov](mailto:thomas.e.jameson@dot.nh.gov) , phone: 271-3462



PLYMOUTH REGIONAL HIGH SCHOOL



MERRILL STREET

EMERSON STREET

LANGDON STREET

HIGH STREET

HOLDerness ROAD  
NH ROUTE 175A

**EXISTING  
SIDEWALKS (TYP.)**

PLYMOUTH STATE UNIVERSITY

HIGHLAND STREET

BROADWAY STREET

HAWTHORNE STREET

CUMMINGS STREET

AVERY STREET

STEARNS MEMORIAL HOSPITAL

PLEASANT STREET

S. MAIN STREET  
US ROUTE 3

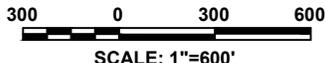
RUSSELL STREET

CRAWFORD STREET

**PROPOSED 5'-6"  
SIDEWALK WITH  
VERTICAL GRANITE  
CURB**

WARREN STREET

**TOWN OF PLYMOUTH**  
**2021 TAP Grant Application Plan**





**TOWN OF PLYMOUTH**  
Office of the Select Board  
6 Post Office Square  
Plymouth, New Hampshire 03264

Phone: 536-1731

Fax: 536-0036

March 15, 2021

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

RE: Transportation Alternatives Program – Application from the Town of Plymouth

Dear Mr. Jameson:

The Plymouth Select Board is writing in support of the Town of Plymouth's application for Transportation Alternative Program (TAP) funding to construct new paved sidewalks on sections of Warren Street, Russell Street, and Crawford Street and to replace substandard, non-compliant sidewalks on a portion of Russell Street and Pleasant Street. This project will improve pedestrian safety in a busy, high-density, multi-family residential area and connect to existing sidewalks to create a walkable route to downtown businesses.

The project meets several goals stated in the Plymouth Master Plan. The Town of Plymouth is collaborating with the Plymouth Village Water and Sewer District on significant infrastructure improvements in our downtown area. Over the next few years, we plan to replace water and sewer lines on Main Street as well as upgrade stormwater drainage. As these projects move from design to construction, the Plymouth sidewalk project outlined in our TAP application is the next phase of infrastructure improvements in this area. The project has the full support of the Select Board.

Sincerely,

William Bolton, Chair



## TOWN OF PLYMOUTH

Planning Department  
6 Post Office Square  
Plymouth, NH 03264  
phone (603) 536-1731 \* fax (603) 536-0036

March 15, 2021

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

RE: Transportation Alternatives Program – Application from the Town of Plymouth

Dear Mr. Jameson:

The Plymouth Planning Board is writing in support of the Town of Plymouth's sidewalk project for Warren, Russell, Crawford, and Pleasant Streets. On March 4, 2021, the Board unanimously voted to support the Town's application for Transportation Alternative Program funding for this important project.

Over the past few years, the Plymouth Planning Board has worked on improving walkability and this project helps address our goals. In 2018, we completed a new Master Plan with goals for infrastructure and economic development including the following specific objectives related to sidewalks and connectivity:

- Create connectivity throughout the Town's sidewalk system, including Main Street and abutting residential neighborhoods;
- Promote safe walking and cycling routes in and around downtown area;
- Maintain a land use pattern including residential neighborhoods within walking distance of Main Street;
- Ensure that scope of local transportation plans includes multimodal connectivity, specifically this includes Plymouth State University, the downtown, and densely developed neighborhoods; and
- Seek funding for sidewalk and pedestrian projects from NH DOT's TAP.

Plymouth's sidewalk project meets all of these objectives and we support prioritizing this area for improvements due to the density of residents who regularly walk to various destinations during the day and night. The neighborhood has sections of old sidewalks that were not built to current standards and there are also sections without sidewalks forcing people to walk in the travel lane. The need for sidewalks is clear in order to improve safety.

The project also connects the neighborhood to our Main Street where residents go for shopping, dining, and work. In addition, our downtown has two Plymouth State University shuttle bus stops and a Concord Trailways bus stop. The shuttle provides efficient access to the University's campus and outlying shopping areas. Concord Trailways provides direct access to Boston's South Station and Logan Airport. Sidewalks connecting to these modes of regional transportation are an important aspect of our transportation network.

Mr. Thomas Jameson  
Transportation Alternatives Program Letter of Intent  
March 10, 2021  
Page 2

In terms of regional planning, Plymouth recently moved from membership with the North Country Council to Lakes Region Planning Commission (LRPC). We reviewed LRPC's plan for *Bicycling and Walking: Transportation Choices for New Hampshire's Lakes Region* and determined that our project meets the regional goals of:

- A purposefully connected network of trails, sidewalks, road shoulders, and markings promoting safe and enjoyable bicycle and pedestrian mobility;
- Ensure that there are opportunities for the safe movement of non-motorized modes of travel...; and
- Support efforts to make our communities walkable.

The Plymouth Planning Board is actively working to improve walkability around our community. In fact, we have been requiring sidewalks to be included in recent development proposals that have come before the Board. We continue to work toward having a connected and safe transportation system that serves the needs of all. The Town of Plymouth's application for TAP funding for sidewalks on Warren, Russell, Crawford, and Pleasant Streets is an important step in meeting our goals.

Sincerely,

A handwritten signature in black ink, appearing to read "Rebecca Hanson". The signature is fluid and cursive, with a long horizontal stroke at the end.

Rebecca Hanson, Chair  
Plymouth Planning Board

March 16, 2021

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

RE: Transportation Alternatives Program – Application from the Town of Plymouth

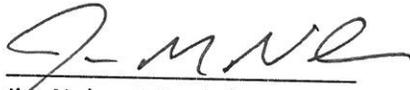
Dear Mr. Jameson:

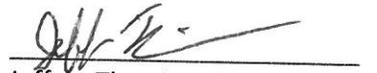
We are writing in support of the Town of Plymouth's application for Transportation Alternative Program (TAP) funding to construct new paved sidewalks on sections of Warren Street, Russell Street, and Crawford Street and to replace substandard, non-compliant sidewalks on a portion of Russell Street and Pleasant Street.

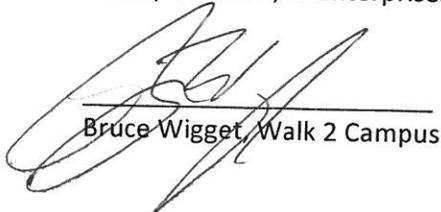
Collectively, we manage most of the multi-family properties in the area of the proposed sidewalks. The neighborhood is a popular area to live due to its proximity to the Plymouth State University campus and downtown Plymouth. Residents regularly visit downtown businesses for shopping, eating, and also for work. While the location of the neighborhood is well-suited for pedestrian travel, much of the existing sidewalks are substandard, non-ADA compliant and there are sections without sidewalks creating unsafe conditions for our residents. The Town of Plymouth's effort to upgrade the pedestrian infrastructure will help prevent people from walking in the travel lane and be a significant safety improvement.

Plymouth's sidewalk project is feasible and ready for implementation. The project has our full support.

Sincerely,

  
Jim Nolan, Inter-Lakes Properties

  
Jeffrey Therrien, JT Enterprises

  
Bruce Wigget, Walk 2 Campus



**Plymouth Village Water & Sewer District**  
**227 Old North Main Street**  
**Plymouth, NH 03264**  
**Tel: 603-536-1733 Fax: 603-536-1734**

March 15, 2021

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

RE: Transportation Alternatives Program – Application from the Town of Plymouth

Dear Mr. Jameson:

The Plymouth Village Water and Sewer District (PVWSD) is writing in support of the Town of Plymouth's application for Transportation Alternative Program (TAP) funding to construct new paved sidewalks on sections of Warren Street, Russell Street, and Crawford Street and to replace substandard, non-compliant sidewalks on portions of Russell Street and Pleasant Street and Main Street.

We are working in partnership with the Town of Plymouth on infrastructure improvements to PVWSD's water and sewer lines in downtown Plymouth and town's drainage system. This area needs to first have underground utilities rebuilt followed by surface improvements. Plymouth's TAP sidewalk project is a logical next phase for this area as it will connect pedestrian access from one of Plymouth's most dense residential areas to the downtown and Plymouth State University campus. It is a feasible project that is ready for implementation. The result will improve pedestrian safety, walkability, and connectivity.

The project has the full support of PVWSD.

Sincerely,

Don Jutton  
District Administrator  
Plymouth Village Water & Sewer District  
603-387-9729

**MEMORANDUM**

Project: TAP Application - Plymouth, NH

Subject: Planning Level Cost Estimate

Date: March 18, 2021

**Sidewalk - Russell Street (1,400'), Warren Street (500'), and Crawford Street (400')**

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL COSTS
1	Mobilization	1	LS	\$18,000.00	\$18,000
2	Site Preparation	1	LS	\$18,000.00	\$18,000
3	Excavation	400	CY	\$25.00	\$10,000
4	Rock Excavation	10	CY	\$75.00	\$750
5	Crushed Gravel	400	CY	\$35.00	\$14,000
6	Cement Concrete Sidewalks (Curb Ramps)	45	SY	\$75.00	\$3,375
7	2" Bituminous Sidewalks	1300	SY	\$24.00	\$31,200
8	Hot Bituminous Pavement Hand Work	160	TON	\$140.00	\$22,400
9	Granite Curb - Straight	2100	LF	\$32.00	\$67,200
10	Granite Curb - Curved	80	LF	\$36.00	\$2,880
11	Concrete Class A	40	CY	\$250.00	\$10,000
12	12" HDPE - Drain Pipe	400	LF	\$60.00	\$24,000
13	Catch Basin	4	EA	\$3,000.00	\$12,000
14	Adjust Utility Gate or Curb Stop	10	EA	\$250.00	\$2,500
15	Reconstruct Catch Basin or Manhole	2	EA	\$400.00	\$800
16	Traffic Signs and Mountings	80	SF	\$50.00	\$4,000
17	Retroreflective Paint Pav. Markings, 12" Line	420	LF	\$2.00	\$840
18	Loam and Seed	800	SY	\$5.00	\$4,000
19	Maintenance of Traffic	1	LS	\$10,000.00	\$10,000
20	Dust and Erosion Control	1	LS	\$6,000.00	\$6,000
	Miscellaneous (15%)				\$39,292

**Total Estimated Construction Costs (2021 Prices) \$301,237**

**Cost Escalation assuming 2025 construction (3% per year) \$36,148**

**TOTAL ESTIMATED CONSTRUCTION COSTS \$337,385**

**Preliminary and Final Design Engineering (16%) \$53,982**

**Right of Way \$5,000**

**Construction Engineering (16%) \$53,982**

**TAP Grant Application amount \$450,000**