

Memorandum

To: Bowdoinham Selectboard

From: Yvette Meunier, Director of Planning & Development

Date: March 9, 2026

Subject: Village Partnership Initiative – Conceptual Designs, Cost Estimate, and Request to Apply for ATPI Funding

Overview

As a follow-up to the Village Partnership Initiative (VPI) effort completed last year, the Town recently received conceptual designs and preliminary cost estimates from Pine Tree Engineering for pedestrian safety improvements along Route 24. These materials were funded through the Selectboard's approval in fall 2025 and support next steps in seeking implementation funding.

Updated Project Materials

- **Conceptual Designs:** Pine Tree Engineering provided detailed plans showing new sidewalk segments, upgraded crosswalks, RRFBs, curbing, shoulder widening, culvert replacement, and accessibility improvements. (Page 4)
- **Preliminary Cost Estimate:** The updated construction estimate for the combined sidewalk and crosswalk improvements totals \$173,000, inclusive of contingency, surveying, and engineering. (Page 3)

Funding Strategy

Staff is advocating that we pursue the Active Transportation Partnership Initiative (ATPI) funding for this project instead of the Congressionally Directed Spending (CDS) application through DOT. Reason being is that the crosswalk portion is eligible for a 10% match because of the demonstration crosswalk held in 2024. Also this can be implemented sooner than including it in the CDS application through DOT.

MaineDOT match requirements are as follows:

- **Crosswalk Improvements (Main Street / River Road):** Because these treatments were tested during the 2023 demonstration project, they qualify for a reduced 10% local match. This includes RRFBs and improved pedestrian landing areas.
- **Sidewalk Connection (River Road to Back Hill):** New sidewalk construction is expected to require a standard 20% local match.

Local Match Request

To meet ATPI program requirements, staff request authorization to:

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1. Submit an application to the ATPI program for the sidewalk and crosswalk improvements identified through the VPI.
2. Allocate the required 20% local match from the Town's TIF District, an eligible funding source for pedestrian infrastructure and downtown improvements not to exceed \$17,300.

Please note that these designs need to be vetted by DOT and there could be additional requests from DOT on this project. Also, the match does not take into consideration the discount that would be applied to a portion of the project as this time as the quote does not fully distinguish all projects elements separate from each other. We expect the match to be lower but until DOT has reviewed the project, we would like to request the ability to use up to \$17,300 for this project as a contingency for any potential additions from DOT.

Project Importance

This project has undergone extensive public and technical vetting. In 2023, the Town implemented a demonstration project that tested key components of the proposed improvements, generating real-world information about traffic patterns, pedestrian activity, and safety needs. This on-the-ground trial provided valuable data that directly shaped the current design direction. In addition, the project is a priority recommendation of the Village Center Planning Study, which outlines long-term strategies for enhancing walkability, improving safety, and strengthening the economic vitality of the village center.

Requested Action

Staff respectfully request that the Selectboard authorize submission of an ATPI funding application and approve the use of TIF funds to meet the required local match (up to 20%).

Village Partnership Initiative
Preliminary Cost Estimate
Main Street & River Road
Sidewalks & Crosswalks
Bowdoinham, Maine

| Item | Description | Quantity | Unit Price | Cost |
|------|--|----------|---------------------------|------------------|
| 1. | Traffic Control | LUMP SUM | — | \$5,000 |
| 2. | Common Excavation | 50 CY | \$40 /CY | 2,000 |
| 3. | Sidewalk Gravel Base | 50 CY | \$70 /CY | 3,500 |
| 4. | Vertical Granite Curb | 170 LF | \$150 /LF | 25,500 |
| 5. | Remove & Reset Granite Curb (Ramp) | 20 LF | \$100 /LF | 2,000 |
| 6. | Hot Mix Asphalt Shoulder Pavement 4" (12.5 mm) | 30 TONS | \$350 /TON | 10,500 |
| 7. | Detectable Warning Fields | 3 UNITS | \$1,000 /UNIT | 3,000 |
| 8. | Hot Mix Asphalt Sidewalk & Driveway Pavement 2" (9.5 mm) | 20 TONS | \$350 /TON | 7,000 |
| 9. | 24" HDPE Cross Culvert & Trench Patch | 50 LF | \$200 /LF | 10,000 |
| 10. | Rectangular Rapid Flashing Beacon (RRFB) Assemblies | 4 UNITS | \$12,000 /UNIT | 48,000 |
| 11. | Crosswalk Pavement Markings | 2 UNITS | \$500 /UNIT | 1,000 |
| 12. | Loam, Seed & Mulch | LUMP SUM | — | 2,000 |
| 13. | Mobilization | LUMP SUM | — | 10,000 |
| | | | Subtotal: | \$129,500 |
| | | | Contingency: | 19,500 |
| | | | Surveying: | 5,000 |
| | | | Design Engineering: | 13,000 |
| | | | Construction Engineering: | 6,000 |
| | | | TOTAL: | \$173,000 |

