

July 21, 2023

Attention: Jeff Brubaker, AICP, Town Planner

Town of Eliot Planning Office
1333 State Road
Eliot, ME 03903

Dear Jeff,

Reference: State-Beech Active Transportation and Infrastructure Project – Final 10% Conceptual Plans Submission

We are pleased to submit the Final 10% Conceptual Plans submission for the State-Beech Active Transportation and Infrastructure Project for the Town's review and comment. Included with the submittal are the following documents:

- Final 10% Conceptual Plans
- Final 10% Working Cross Sections
- Final Highway Design Requirements Forms

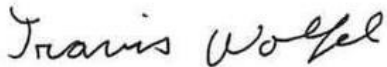
Several items to note that will be incorporated into subsequent submittals:

- The driveway impacts shown are conceptual. Driveway limits and proposed grades will be designed as part of future project milestones.
- Drainage design on the plans is conceptual to show where open drainage is anticipated to be required. Closed drainage elements such as culverts, underdrain, and catch basins will be included in future project milestones.
- We do anticipate minor impacts to Great Creek; however, do not anticipate having to extend the culvert to fit in two paved shoulders and the sidewalk.
- Design does not account for the existing travelway cross slopes. These existing slopes are noted on the cross sections with most exceeding -2% and some sections approaching -11%. Both State Road and Beech Road have horizontal curves that require superelevation. The proposed shoulders have a -4% cross slope. Slope correction will need to be coordinated with the future 2024 MaineDOT light capital paving project.

We are looking forward to working with you as the project progresses. Upon review of this letter and submittal, please do not hesitate to contact us. Thank you.

Regards,

Stantec Consulting Services Inc.



Travis Wolfel, PE

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Attachment: Final 10% Conceptual Submission Package