



June 30, 2025

Ref: 13137.01

Ms. Tracie Lenhardt, P.E.
Director of Project Management
MassDOT - Highway Division
10 Park Plaza
Boston, MA 02116

Attn: Mr. Thomas Currier, PE – Supervising Project Manager

Re: Route 28 Reconstruction
Dennis & Harwich, Massachusetts
MassDOT File No. 608742
100% Design Submission

Dear Ms. Lenhardt:

On behalf of the Towns of Dennis & Harwich, VHB is pleased to submit the 100% Design for the Route 28 reconstruction project.

The project proposes the reconstruction of the existing traffic signal system at the intersection of Upper County Road & Division Street at Route 28, pedestrian and bicycle enhancements, including 5-foot shoulders and continuous AAB/ADA compliant sidewalks throughout the project limits. The $\frac{3}{4}$ mile long project involving full depth pavement reconstruction will establish 11 foot-wide travel lanes. Pedestrian level lighting and brick sidewalks have been included in the design as a result of feedback from the public and through coordination with the Towns. The project includes non-participating sewer and water upgrades which the Town of Harwich is programming throughout the Route 28 corridor.

The itemized engineer's estimate carries a total participating cost of approximately \$15,675,000, including contingencies. This value was determined by using current MassDOT Weighted Average Bid Prices, as found on the MassDOT website.

The total project cost including contingencies is an increase of approximately \$2,397,000 from the previous estimate submitted with the 75% Design Submission. This increase in cost was a result of design development of utility relocations, design revisions based on comments, and overall increases in unit prices. The coordination with Verizon on the communication ductbank relocation resulted in a 9-bank 4" conduit cost inclusion of \$1,708,000.

The total non-participating cost for water, sewer and related work is approximately \$2,605,000.

Engineers | Scientists | Planners | Designers

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If you have any questions, please do not hesitate to contact me at 617-607-2723.

Sincerely,

A handwritten signature in black ink that reads "Stephen Rhoads".

Stephen J. Rhoads, P.E.
Senior Project Manager
srhoads@vhb.com

cc: Thomas Andrade, P.E. - Town of Dennis
Lincoln Hooper – Town of Harwich