



TOWN OF HANOVER
550 HANOVER STREET, SUITE 29
HANOVER, MASSACHUSETTS 02339
781-826-5000 ext. 1084

Joe Colangelo
Town Manager

To: Planning Board
From: Board of Selectmen and Town Manager
Date: December 10, 2019
Re: Walnut Hill Traffic Plan

Included hereto is the 'Walnut Hill Traffic Plan' as voted (4-1) by the Board of Selectmen at their December 9, 2019 meeting for the Planning Board's consideration at their December 16, 2019 meeting as it relates to the decision likely forthcoming on the Hanover Crossing application.

- 1) **Roadway Improvements**¹ – Recommendations provided by Mr. Jeffery Dirk, P.E, Vanesse & Associates, via this [August 5, 2019 memorandum](#) (see page 31).

a. Realign Woodland Drive at Phillips Street to form a 90-degree, 'T' type intersection to reduce: i) the width of the intersection; ii) the number of conflict points; and iii) travel speeds entering the neighborhood area from Route 123.

This recommendation in concert with (b) and (g) should be explored (in the absence of installing "The Gate"). Estimated cost ≈ \$75,000. Town Meeting vote appropriating the funds required. Board of Selectmen would need to agree to include this item on the Town Meeting Warrant (or citizen petition). If approved May 2020 construction possibly by early fall (2020).

b. Install a raised island on the northbound approach to Berry Street.

Along with (a) and (g) this recommendation should be explored. Estimated cost ≈\$30,000 (assuming done at same time as (a) above). Town Meeting vote appropriating the funds required. Board of Selectmen would need to agree to include this item on the Town Meeting Warrant (or citizen petition). If approved May 2020 construction possible by early fall (2020)

c. Install radar speed feedback signs between Berry Street and Dillingham Way/Blue Spruce Lane.

≈\$5,000 per sign. Town Meeting vote appropriating the funds required. Board of Selectmen would need to agree to include this item on the Town Meeting Warrant (or citizen petition). Installation requires recommendation of the Traffic Safety Committee to the Board of Selectmen and then Board of Selectmen approval (like for all 'flashing' signs). Could be installed by fall 2020 along with (a),(b),(g).

¹ See attached visual



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g. Realign Woodland Drive at Beechnut Circle to form a 90-degree, 'T' type intersection with a raised island installed on the Woodland Drive southbound approach.

In combination with (a) and (b) this improvement should be explored. Estimated cost \approx \$75,000. Town Meeting vote appropriating the funds required. Board of Selectmen would need to agree to include this item on the Town Meeting Warrant (or citizen petition). If approved May 2020 construction possibly by early fall (2020)

i. Consider restricting turning movements to/from Woodland Drive at Route 53 (i.e., right-turn in/out only)

This improvement has been suggested by staff for consideration. Subject to Mass DOT approval. Estimated cost unknown because the improvement would need to be determined by MassDOT.

j. Design and implement a comprehensive, neighborhood based sign program that includes the selective installation of warning signs on approaches to intersections and curves.

This recommendation needs to fall within a town-wide policy (currently being worked on by the Board of Selectmen and Town Manager). Estimated cost \approx \$100 per sign.

- 2) **“The Gate”** – Installing a gate² on Woodland Drive just beyond the Woodland Drive curb cuts for the bank and gas station could be accomplished by a vote of the Board of Selectmen after holding a public hearing. Depending on Town Counsel’s opinion, Town Meeting approval might be necessary in order to ‘discontinue a public way’. Estimated cost \approx \$100,000. Town Meeting vote appropriating the funds required. Board of Selectmen would need to agree to include this item on the Town Meeting Warrant (for funding). Gate would be accessible by fire, police, dpw, and school buses via remote control access. Gate would not be accessible/permeable by the public.

² See attached visual