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November 28, 2022

Sutton Planning Board  
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**Subject: Unified Parkway Subdivision  
Modified Definitive Plan and Off-site Improvements Plan Review**

Dear Planning Board Members:

We received the following documents via email on November 21, 2022 and in hard-copy format on November 22, 2022:

- Correspondence from Nutter McClennen & Fish LLP to Sutton Planning Board dated November 21, 2022 RE: UGPG RE Sutton LLC – Modification of Definitive Subdivision and Scenic Road Alteration Application.
- Plans entitled Definitive Subdivision Plan of Land; Sutton, Massachusetts and Millbury, Massachusetts dated November 15, 2021 and last revised November 15, 2022, prepared by WSP USA Inc. for UGPG RE Sutton LLC. (23 sheets)
- Plans entitled Transportation Improvement, Boston Road in the Town of Sutton, Worcester County dated September 28, 2022 and revised November 21, 2022, prepared by VHB. (27 sheets) (off-site improvements plans)

We also received the following documents via email on November 23, 2022:

- Sheets 6, 11 and 13 of plans entitled Transportation Improvement, Boston Road in the Town of Sutton, Worcester County plotted on November 23, 2022, prepared by VHB. (3 sheets) (off-site improvements plans)

Graves Engineering, Inc. (GEI) has been requested to review the documents for conformance with Subdivision Rules & Regulations, Sutton, Massachusetts with amendments through October 30, 2006, the Massachusetts Department of Environmental Protection (MassDEP) Stormwater Handbook and generally accepted engineering practices.

This letter is a follow-up to our previous review letter dated November 7, 2022. For clarity, comments from our previous letter are *italicized* and our comments to the design engineer's responses are depicted in **bold**. Previous comment numbering has been maintained.

**Our comments follow:**

**Modified Definitive Plans (plans by Bohler):**

1. *GEI has no engineering issues with the proposed definitive plan modifications near the intersection of Boston Road.*  
**No further comment necessary.**

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**Off-site Improvements (plans by VHB):**

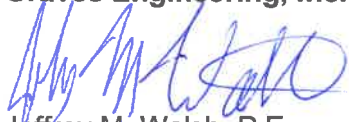
2. *On Sheet 6, the pipe connecting CBCI 2 to DMH forms an interior angle less than 90 degrees with the outlet pipe. This connection needs to be revised to form an interior angle of at least 90 degrees between this inlet pipe and the outlet pipe.*  
**Acknowledged. The catch basin's location was revised such that the inlet pipe and outlet pipe form an angle greater than 90 degrees in the connecting drain manhole (DMH-1).**
3. *On the "Boston Rd Structure Table" on Sheet 6, the EX-DI-1 outlet elevation of 389.83 and EX-CB-5 inlet elevation of 398.98 were transposed and should be corrected.*  
**Acknowledged. The two elevations in the table were corrected.**
4. *On Sheet 6, the "Boston Rd Structure Table" lists the rim elevation of EX-CB-5 as 400.65 which is a typographical error that should be corrected. Per other plan information, the rim elevation is approximately three feet lower.*  
**Acknowledged. The rim elevation was revised.**
5. *The typographic contours on Sheets 12 through 14 need to be labeled.*  
**Acknowledged. These plan sheets were revised to include topographic contour labels.**
6. *Sheet 16 shows several trees within the roadway. The printing intensity of these symbols and other existing conditions (e.g., edges of existing driveway) need to be screened back to differentiate the existing conditions from proposed work.*  
**Acknowledged. The printing intensity of existing features was screened back.**
7. *On Sheet 20, the construction detail depicting an accessible curb cut/ramp was mislabeled as "Typical Two-Way Street Center Work Area". The construction detail and its title need to be coordinated.*  
**Acknowledged. The construction detail was moved to a plan sheet with other construction details and was relabeled.**
8. *The plans need to include construction details for the drain manholes, curbing, and curb transitions.*  
**Acknowledged. These construction details were added to the plans.**
9. *The plans need to be signed and stamped by a professional engineer.*  
**Acknowledged. Sheet 1 was stamped by a professional engineer.**

**Additional Comments; November 28, 2022**

10. **GEI has no issue with the minor grading revisions presented on Sheets 6, 11 and 13 of the Transportation Improvement plans issued on November 23, 2022.**

We trust this letter addresses your review requirements. Feel free to contact this office if you have any questions or comments.

Very truly yours,  
**Graves Engineering, Inc.**



Jeffrey M. Walsh, P.E.  
Principal

cc: Keith Curran, P.E.; Bohler  
John Kucich, P.E.; Bohler  
Nathaniel Mahonen, P.E.; Bohler  
Matthew Piekarski; The Kraft Group, LLC  
Kirsten Braun, P.E.; Ron Müller & Associates  
Greg LaCroix; Ecosystem Solutions, Inc.  
Vinod Kalikiri, P.E., PTOE; VHB