

**From:** City Council  
**To:** [Karen Boule](#)  
**Subject:** City Engineer's Input/Suggested Conditions: NGrid Petition - Bigelow Heights  
**Date:** Wednesday, April 10, 2013 5:31:00 PM

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**From:** Thomas Cullen  
**Sent:** Wednesday, April 10, 2013 7:37 AM  
**To:** City Council  
**Cc:** Chris LaFreniere; Ashley Miller; Marcia Josephson  
**Subject:** RE: From Karen Boule re: Bigelow Heights - NGrid

Karen,

Can you please make sure that the Chair of the Committee gets the following comments from the Engineering Division concerning the subject project:

- 1) Any necessary easements are to be obtained from affected property owners and shown on proposed plans.
- 2) A street opening permit must be applied for by the proposed contractor performing the work.
- 3) The contractor performing the work must obtain a street opening bond with the City of Marlborough for an amount to be determined by the City Engineer.
- 4) The contractor is to provide the Engineering Division preconstruction photos of driveways, sidewalks, lawn areas, and roadway areas impacted by all construction activities.
- 5) The contractor is to coordinate with the affected residents to have irrigation systems flagged before trenching begins and provide them a timetable of the proposed work.
- 6) A proper staging area is to be located/acquired before work commences – material and equipment is not to be parked/stockpiled within the city right of way.
- 7) The contractor is to ensure residents are always able to enter and exit their driveways (have necessary steel plating on site and accessible).
- 8) Ensure construction safety controls are established (signage, drums, police details, etc...) and are in accordance with the latest MUTCD standards.
- 9) Trench backfilling, compacting, temporary, and final paving are to be done in accordance with the City of Marlborough standard trenching details.
- 10) Trenches are to be paved or completely backfilled and compacted at the end of each work day. Trenches are never to be left unattended.
- 11) Post construction loaming and seeding are to be done in accordance with the 1995 MHD Standard Specifications sections 751 & 765.
- 12) Entire width of sidewalk (from back of curb to back of sidewalk) is to be included in final trench paving – any disturbed curbing is to be replaced.

**Thomas E. Cullen, Jr., P.E.**  
City Engineer