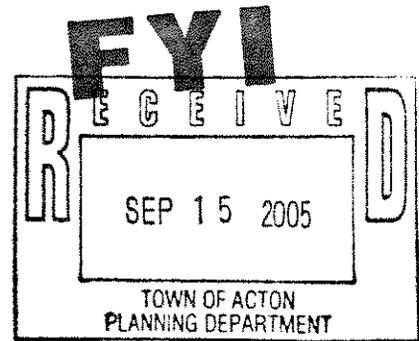


TOWN OF ACTON
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Engineering Department

INTERDEPARTMENTAL COMMUNICATION

To: Planning Department

Date: September 9, 2005

From: Engineering Department *CJ*

Subject: Senior Residence Special Permit entitled "Ellsworth Village"
Sight Distance – Intersection of Brabrook Road & Pope Road

We have been asked to recheck the sight distance for the intersection of Brabrook Road and Pope Road now that the changes to the road shoulder in front of 42 Pope Road have been completed in accordance with Planning Board Decision #05-05 (Scenic Road Hearing – Tree Removal on Pope Road). The change to the road shoulder of Pope Road excludes the removal of the 36" and 30" DBH Oak trees.

1. We have concluded that the sight distance has not changed as a result of the recent road shoulder work completed by the developer. We have found that the large oak tree and the surrounding slope obstruct the driver's sight distance as it existed prior to the work.
2. We determined that a vehicle on Pope Road traveling southbound can see a 2-foot high object on the sideline of Pope Road at Brabrook Road at a maximum distance of about 260 feet.
3. We also determined that the maximum distance for the drivers exiting Brabrook Road and traveling southbound on Pope Road to make eye contact is between 210 feet and 230 feet.
4. We suggest that the applicant's engineer reevaluate the sight distance at the intersection of Brabrook Road and Pope Road and submit their findings and recommendations.

Roland Bartl

From: Roland Bartl

Sent: Thursday, September 15, 2005 4:17 PM

To: 'George Dimakarakos (E-mail)'

Cc: Dean Charter; 'Donna M. Cisek (E-mail)'

George:

Attached is our Engineering Department's evaluation of the work recently done on the should of Pope Road at Brabrook. In summary, they don't see that it resulted in any changes to sight distance and ask that you provide your P.E. findings and recommendations to the Planning Board. The subject matter is scheduled for 9/27 before the Planning Board.

*Roland Bartl, AICP
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9/15/2005