



TOWN OF

Old Orchard Beach

A FOUR SEASON COMMUNITY



December 17, 2013

Robert Gerber
RANSOM CONSULTING, INC.
400 Commercial Street
Portland, Maine 04101

Dear Bob:

This is to confirm our communication of December 12 regarding adding to your original scope of work for the purpose of appealing the FIRM in the area in Ocean Park near Goosefare Marsh and identified as area 4 and 5 on your proposal map.

It is my understanding that this would add two transects to the scope; transect YK-137 in OOB and transect YKI-136 in Saco. As you mentioned on the phone, your analysis in this case would carry the open ocean wave setup into the marsh behind, as did FEMA, but with a reduced wave setup calculation. FEMA's incident wave height for transect YK-137 is 41' and the next transect south in Saco is 38'. You will use considerably reduced wave heights from your STWAVE model which should reduce wave setup from FEMA's 3.7' down to about 2'. While it is premature to draw conclusions concerning the effect of this approach, it is possible that the reduced wave heights could reduce the flood elevations in areas 4 and 5 from those present in the preliminary FIRM's. I approve this addition to your scope of work for an increased cost of \$4,000.

I also discussed with you once again the possibility of you conducting a circulation model for the Goosefare Marsh that would be similar to the work you are doing in the Scarborough marsh. You repeated that you are not able to take on this work and, in addition, you would not recommend the Town pursuing this approach. You believe that, given the wide opening at the entrance to the Goosefare Brook estuary and the relatively small marsh area beyond it, a circulation model would not be helpful to the Town's appeal, and would not document a significant reduction of the setup term inside the marsh.

Sincerely,


Larry S. Mead
Town Manager

cc: Jeffrey Hinderliter, Town Planner
Daniel Feeney, Code Enforcement Officer