



U.S. Department of Homeland Security
FEMA Region I
99 High Street
Boston, MA 02110

FEMA

TO: Fay Rubin, Project Director, University of New Hampshire
FROM: John Grace, Coastal Engineer, FEMA Region 1
DATE: June 18, 2012

RE: Changes to components of Coastal Study and Schedule Revision - FY2010
Cooperating Technical Partners (CTP) Program Agreement #EMB-2010-CA-0916

I am writing in response to your memo dated July 16, 2012 requesting changes to two components of the coastal methodology and the schedule revisions of the above mentioned project.

The Region approves UNH/AECOM to use the USACE 1988 tidal gauge profiles and the Baker update of 2008 instead of the recently released STARR 2012 report. This is based on the justifications written in the AECOM memo, dated July 6, 2012, summarizing the tidal gage on Seavey Island and evidence that a high water mark used to update the STARR 2012 was an outlier and does not compare to others at adjacent sites.

The Region also approves the adherence to the original scope of work regarding mapping of primary dunes (2007 FEMA G&S), rather than the recent request to use the MA CZM methodology. This decision is based on the homogeneous characteristics of the short single peak dune field, as stated in the AECOM July 6, 2012 memo, located in Seabrook and Hampton. This is the only dune field in the study area, and the 2007 FEMA G&S will be sufficient for the analysis.

Finally I approve your request to modify start/end dates associated with specific tasks. This can be seen in the spreadsheet below provided by you. This revision of course will not change the project budget. I have made a request to the RSC to make this revision in the MIP.

ACTIVITIES	RESPONSIBLE PARTNER(S)	Current		Proposed	
		Estimated START DATE	Estimated END DATE	Estimated START DATE	Estimated END DATE
Project Planning/Scoping	NHOEP, UNH, AECOM	3/11	9/11	3/11	9/11
Outreach	NHOEP	3/11	2/14	3/11	2/14
Perform Field Surveys	USGS and AECOM	9/11	1/12	9/11	1/12
Develop Topographic Data	AECOM	10/11	12/11	10/11	12/11
Perform Independent QA/QC: Topographic Data	UNH	12/11	1/12	12/11	1/12
Acquire Base Map	UNH	4/11	5/11	4/11	5/11
Perform Independent QA/QC: Base Map	AECOM	6/11	6/11	6/11	6/11
Develop Hydrologic Data	USGS and AECOM	1/12	7/12	1/12	7/12
Perform Independent QA/QC: Hydrologic Data	USGS and AECOM	8/12	9/12	8/12	9/12
Develop Hydraulic Data	USGS and AECOM	1/12	7/12	1/12	7/12
Perform Independent QA/QC: Hydraulic Data	USGS and AECOM	8/12	9/12	8/12	9/12
Perform Coastal Analysis	AECOM	2/12	6/12	2/12	12/12
Perform Independent QA/QC: Coastal Analysis	USGS	7/12	8/12	11/12	1/13
Perform Floodplain Mapping (including Zone A modeling/mapping)	AECOM and UNH	9/12	12/12	11/12	1/13
Perform Independent QA/QC: Floodplain Mapping	UNH	2/13	3/13	2/13	3/13
Develop DFIRM Database	UNH	4/13	5/13	4/13	5/13
Produce Preliminary Map Products (including Graphic Specifications)	UNH	6/13	7/13	6/13	7/13
Perform Independent QA/QC: Produce Preliminary Map Products	AECOM	7/13	8/13	7/13	8/13
Distribute Preliminary Map Products	UNH	8/13	8/13	8/13	8/13
Post-Preliminary Map Production	UNH	9/13	6/14	9/13	6/14
Risk Assessments	UNH and AECOM	9/12	2/14	9/12	2/14

