

**FAIRFIELD FLOOD & EROSION CONTROL BOARD  
COASTAL FLOOD CONTROL - PROJECT SUMMARY**

PROJECT ID	PROJECT NAME	APPROXIMATE COST	GRANT PROGRAM	DATE SUBMITTED COMMENT DATE	STATUS	DESCRIPTION AND COMMENTS
A	Pine Creek Dike elevation		ACOE Project	February, 2015 6/17/2015 & 9/16/15	Tighe & Bond initial report completed July, 2013 ACOE profer received August, 2014	Increase height of existing dike by 2 to 5 ft.. Harden the western 1,600 ft. fully exposed to L.I. Sound. Remaining 3,500 ft. at the north side of Pine Creek stays unarmored.
	ACOE Shoreline Protection Project			07/15/15	Project scope being developed by ACOE	ACOE reviewing their priced proposal and project scope. Intent is to apply for a HUD grant to fund the Town Share of costs. DPW submitted a request for CDBG funds to cover the Town portion of this study. <b>Town Has received a \$300K grant.</b> Name changed to reflect the potentially expanding scope of this project that MAY now extend from the Pine Creek Dike eastward for some distance. The path would encompass the WTP dike.
				09/16/15	ACOE is still "evaluating alternate plans	
B	HMGP Master Plan Grant Application	\$23,000,000	HMGP	November, 2013	was denied	This is the initial Grant application encompassing the major dike system with Jennings pumping station and flood walls.
C	Pine Creek Culvert Replacement	\$560,000 Grant Amount		03/18/15 04/15/15 07/15/15	Tighe & Bond engineering report issued September, 2013 Grant received 12/20/14 Tighe & Bond Permit Drawings done Design drawings 50% complete.	Replaces existing tide gate in the dike between Fire Training Center and Fld. Beach Road. New installation will have (2) 48" SRTs and (2) 60" manual sluice gates. Tighe & Bond / RACE doing Construction Drawings. Work Permit request in to DEEP as of 3/13/15 Copy of drawing set to FE&CB Members Awaiting DEEP comments before completing them as their comments may affect the design details. Tighe & Bond doing the required Environmental Assessment.
				09/16/15	DEEP public noticed their pending approval on 8/21/15	
D	Wastewater Plant Hardening		CDBG-DR	Submitted: 7/2/214	Grant received 12/19/14	Construct dike around WTP and Town Yard to prevent coastal flooding. "Hump" One Rod Highway. At some point this will tie in with the Grand Plan Dike. The Town Share of \$772,000 will probably be funded by WPCA A) An associated grant for an electric Micro-Grid is in hand. B) Potential to offset some Town Costs with "Clean Water Funding" from CT DEEP. Cost to Fairfield will be shared 50% eachTown budget and the WPCA budget
	Additional Opportunities	\$2,316,000 Grant Amount	CDBG-DR	03/18/15	Grant Acceptance approved by BOS & BOF. Pending RTM approval.	Target is to go out to bid in the fall.
				07/15/15	RTM approved grant acceptance	
				09/16/15	Engineers continue working on plans	Tighe & Bond approx 90% complete with the required environmental submittal to the state. They are coordinating with Fuss & O'Neil on details of the new Fire Training Center which will also be enclosed by the dike structure.

PROJECT ID	PROJECT NAME	APPROXIMATE COST	GRANT PROGRAM	DATE SUBMITTED COMMENT DATE	STATUS	DESCRIPTION AND COMMENTS
E	Sluice Gate Addition	Material = \$5K Labor by PWD	the Town's \$5MM Sandy repair fund	For Permit: August, 2014	DEEP Permit # 201304350 TS issued 3/6/14.	Install an additional 36" Sluice Gate to work in conjunction with an existing 30" unit to drain flood waters more quickly. Location is 1177 Fid. Beach Rd.
				03/18/15	Installation underway	Installation imminent
				04/15/15	Gate installed	Expect completion within 1-2 weeks
				6/17/2015 & 7/15/15 & 9/16/15		Needs bar screen
F	Ash Creek - Jennings Beach Coastal Resiliency Project		National Fish & Wildlife Foundation	For Grant: January, 2014		Increase elevation of 6,700 L.F. of existing dike. Improve flood gates at 3 locations. Install new dikes.
G	South Benson Pumping Station	\$5,000,000	CDBG-DR	08/01/14 August 13, 2014	Grant Denied July, 2014 Under Review by State	Install pumping station to evacuate flood waters (coastal or rain) from the low lying basin East of Penfield Road.
H	FBC Flood Barrier			03/18/15	Grant Denied 12/19/2014	This Project is not yet developed
I	Lally to Reef Flood Barrier			09/16/15	opened dialog with affected residents	This Project is not yet developed
J	Seawall Repair (Fid Beach Rd turnaround)	Specs: \$14,000 Work: \$92,994	the Town's \$5MM Sandy repair fund	03/18/15	95% complete needs railings & paving Project Complete	Held public meeting with FBR residents on measures # 5 & 6 on August 20, 2015 Design by RACE: Replace blocks & old wall with new, 4' high one for 109 lin. ft. at turnaround.
K	Bulkhead Repair (Fid Beach Road turnaround)	\$192,976		03/18/15	50% complete	
				03/18/15	98% Complete	Needs only a catch basin installed
				4/15/2015 & 7/15/15	Complete	Catch basin installed (@ 7/14- just needs cable "fence")
L	Natural Disaster Resilience Competition		A Rockefeller Foundation grant	01/09/15	State received a Phase 1 Grant	State applying to HUD. Big project, Fairfield made a pitch about our unmet needs, i.e. South Benson Pumping Station.
				06/17/15	Engineering contract awarded	Town submitted letter of interest on 5/29/15 to the State that we be selected for the Phase 2 Pilot Study.
				09/16/15		Parsons Brinkerhoff was awarded the contract to develop the Phase II project plan. Town Engineering attended a meeting in August and presented a plan for hardening the transportation access corridor in the Grassmere area. Fairfield has a good chance of being included in the Phase II submittal.
M	SCRCOG - request for study proposals	Study funded for \$700,000		04/15/15 06/17/15	proposals were due 2/24/15 Award made In progress	Area of interest is Fairfield to Madison for a consultant to study the existing conditions and feasibility of various projects Mlone & Machroom (M&M) of Cheshire will do the study M&M met with the FECB at the 5/20/15 meeting. Some of our measures may be included in the scope of their study. M&M will schedule a field reconnaissance visit in July. Site visit by M&M along with FECB & Town representatives to assess possible project sites.
				09/16/15	conducted Field Reconnaissance 7/15/15	

PROJECT ID	PROJECT NAME	APPROXIMATE COST	GRANT PROGRAM	DATE SUBMITTED COMMENT DATE	STATUS	DESCRIPTION AND COMMENTS
N	Shoreline Resiliency Improvements at Perfield Beach	\$225,000	CDBG - DR grant received 12/19/14.	3/18/15	In progress	FECB representatives lobby PBC at every opportunity to raise the elevation of "Timber Bulkhead" \$9,000 authorized for RACE to do a study on best way to mitigate neighborhood flooding Devin Saria presented & discussed RACE's report with both the FECB and PBC. <a href="#">Study posted on FECB Website</a> The project will not raise existing Timber Bulk'd. Face will be hardened. Sides will be extended to the existing "12 ft. high" ground.
				04/15/15	Study completed	
				06/17/15	Timber Bulk'd stays at 12'	
				09/16/15	Tighe & Bond is beginning to work on this project.	PBC has rejected a proposed elimination of this component from the rebuild plan that was suggested by Shawmut as a cost reduction.
O	ACOE study for CT shoreline. Jim Himes Initiative			03/18/15		This is a 3 year \$3MIM study to devise an overall shoreline plan for CT. It has just been announced. Any project benefiting Fairfield would require a funds matching by the Town.
P	Engineered Beaches	\$59,000		06/17/15	Planning stage	This project would establish a documented baseline for our beaches so that future storm losses of sand might be replenished using FEMA Funding
				09/16/15	Planning Grant received	Town received a \$100K Study Grant initiated by the Conservation Department.
Q	Increase land elevation at Riverside Drive SRT dyke	\$25,000		09/16/15	FECB recommended this project in a 7/20/15 letter to Public Works Director.	Adding height to this area to an elevation equal to the roadway height will mitigate coastal flooding here. FECB feels this minor project should be done by DPW.
R	Raise Turney Road at Marina entrance	\$50,000		09/16/15	FECB recommended this project in a 7/20/15 letter to Public Works Director.	Raising the lowest section of this roadway at Milton Street will mitigate flooding of the area to the west. FECB feels this minor project should be done by DPW.
S	Riverside Drive Resiliency Plan	\$200K		09/16/15	Grant Received	Town received a \$200K grant to develop a study plan for replacing the culverts and SRTs at the eastern end of Riverside Drive as well as increase elevations of land features there.
T						
U						
V						
W						
X						
Y						
Z						

UPDATED: for FECB Meeting 9/16/15

Note that updates are in red text for clarity.