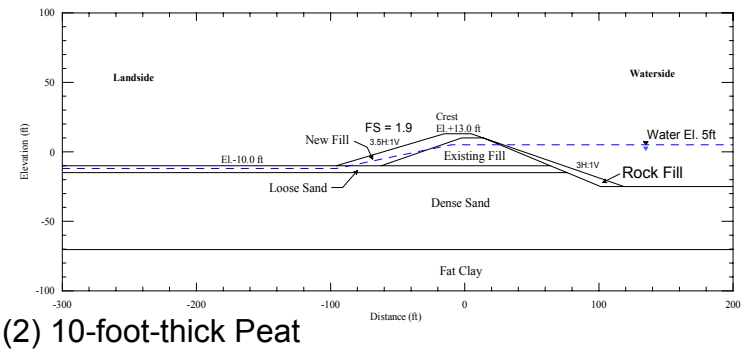
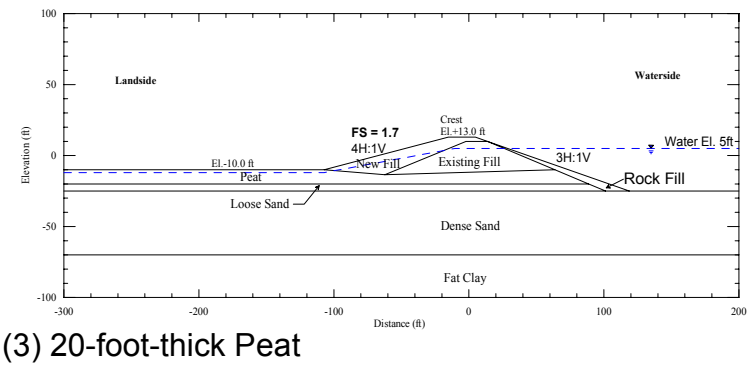
Typical Cross Sections

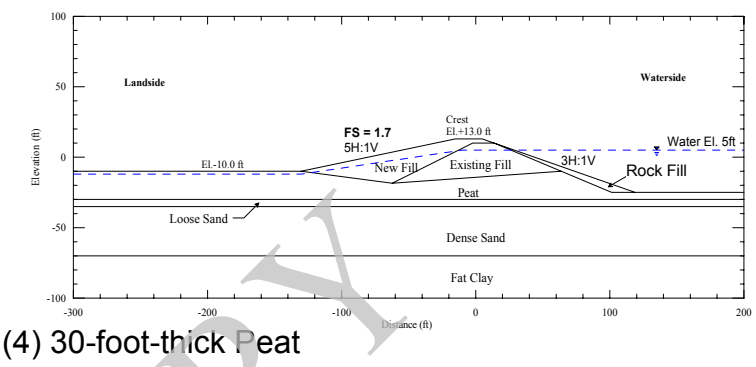
(1) No peat



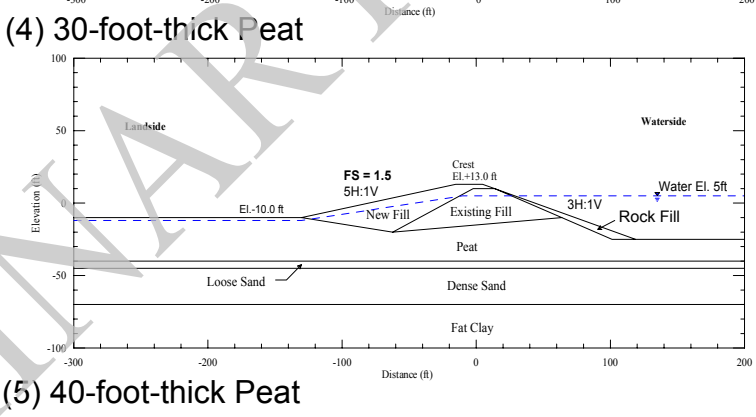
(2) 10-foot-thick Peat



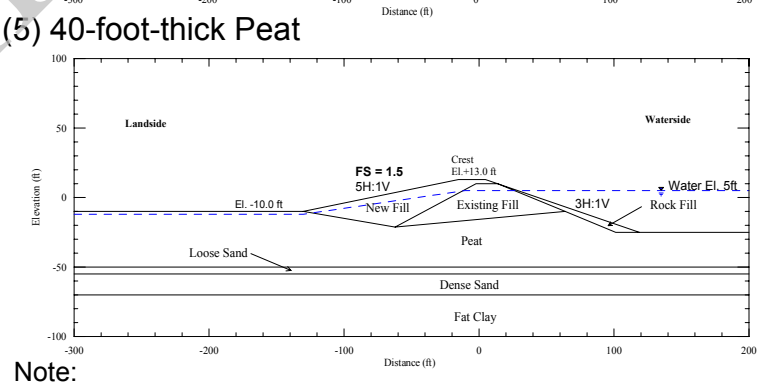
(3) 20-foot-thick Peat



(4) 30-foot-thick Peat



(5) 40-foot-thick Peat



Note:
- Width of the crest is 20 feet
- Peat thickness represents the thickness of free field peat

Plan View of Improvement Area

PRELIMINARY

Project Information:

Urban levees should meet the following standards:

- Maximum waterside slope 3H:1V
- Maximum landside slope 3H:1V
- Minimum crest width 20 feet
- Minimum 3.0 feet of freeboard above 100-year flood stage

Levee length for upgrade ~ 500 miles

Benefits:

- Reduce risk of salt water intrusion, export interruption, and impact to ecosystems
- Upgrade ~500 miles of levees in Central Delta to meet urban levee standards
- Reduce flood risk due to overtopping and seepage

Cost:

- On (include rock fill on waterside) island fill: ~$21 M/mile, Total Cost: $10.6B

URS	26815935	BUILDING BLOCK 1.2: UPGRADED DELTA LEVEES UPGRADE 500 MILES OF DELTA LEVEES TO URBAN LEVEE STANDARDS
	Delta Risk Management Strategy (DRMS) Phase 2	