

Plan View of Improvement Area

Project Information:

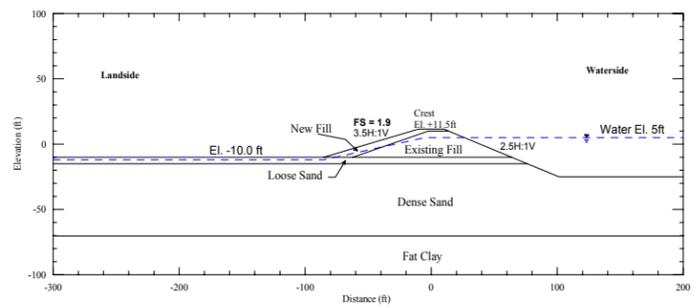
PL 84-99 requires levees to be upgraded to the following standards:

- Maximum Waterside Slope 2H:1V
- Maximum Landside Slope (Varies with peat thickness and levee height) 2H:1V to 5H:1V
- Minimum Crest Width 16 feet
- Minimum 1.5 feet of freeboard above 100-year flood stage

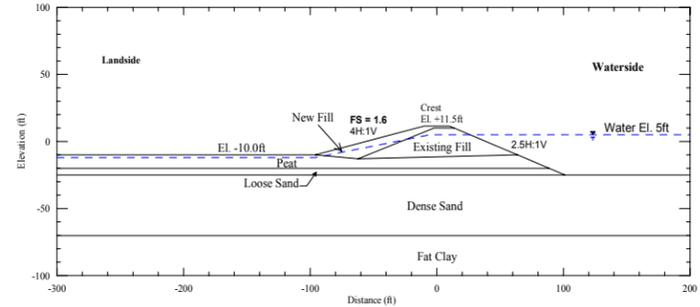
Levee Length for upgrade ~ 380 miles

Typical Cross Sections

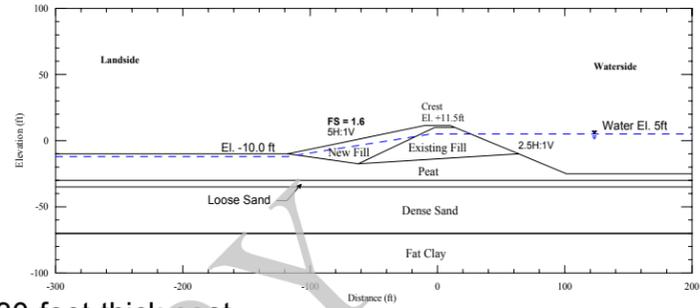
(1) No peat



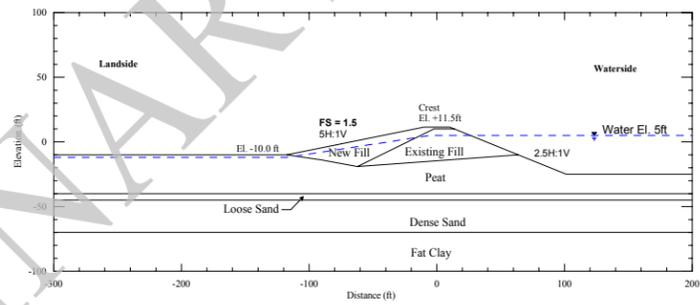
(2) 10-foot-thick peat



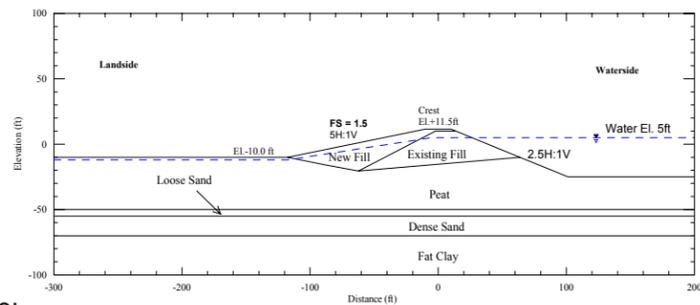
(3) 20-foot-thick peat



(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

Benefits:

- Reduce risk of salt water intrusion, export interruption, and impact to ecosystems
- Upgrade ~380 miles of levees in Central Delta to PL 84-99 standards
- Reduce flood risk due to overtopping and seepage

Cost

- On Island: ~\$5.6M/mile , Total Cost \$2.1B

