

TEXAS MITIGATION:

**Coastal Conference
October 08**



Governors Division of Emergency Management

(Texas Department of Public Safety)

Desired Outcomes:

Best: Minimize Coastal Development to reduce costs of response, evacuation, and public sheltering.

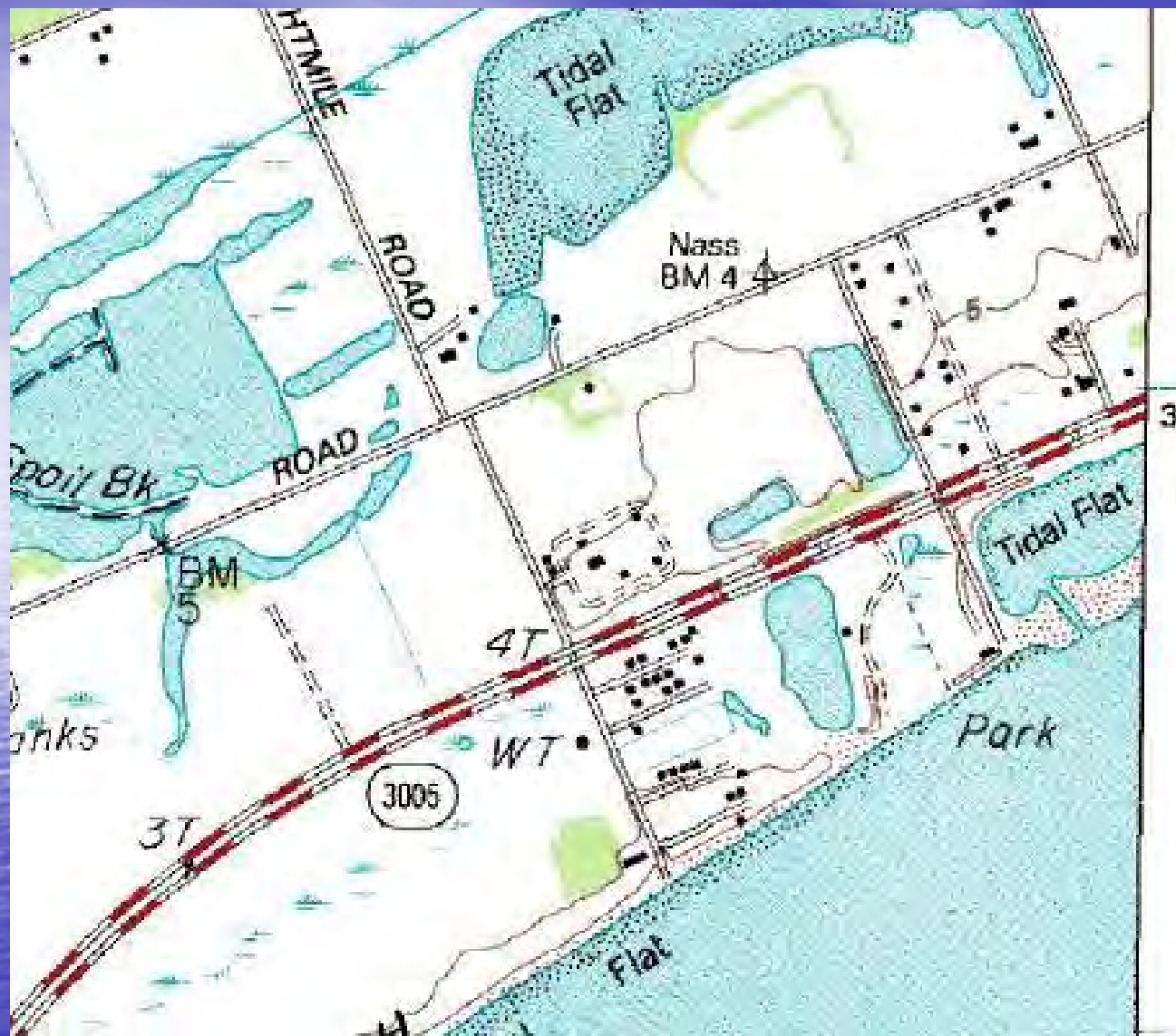
Desired: Coastal Construction is floodplain and wind-code compliant to reduce costs of public sheltering.

How Highs the Water Mama?

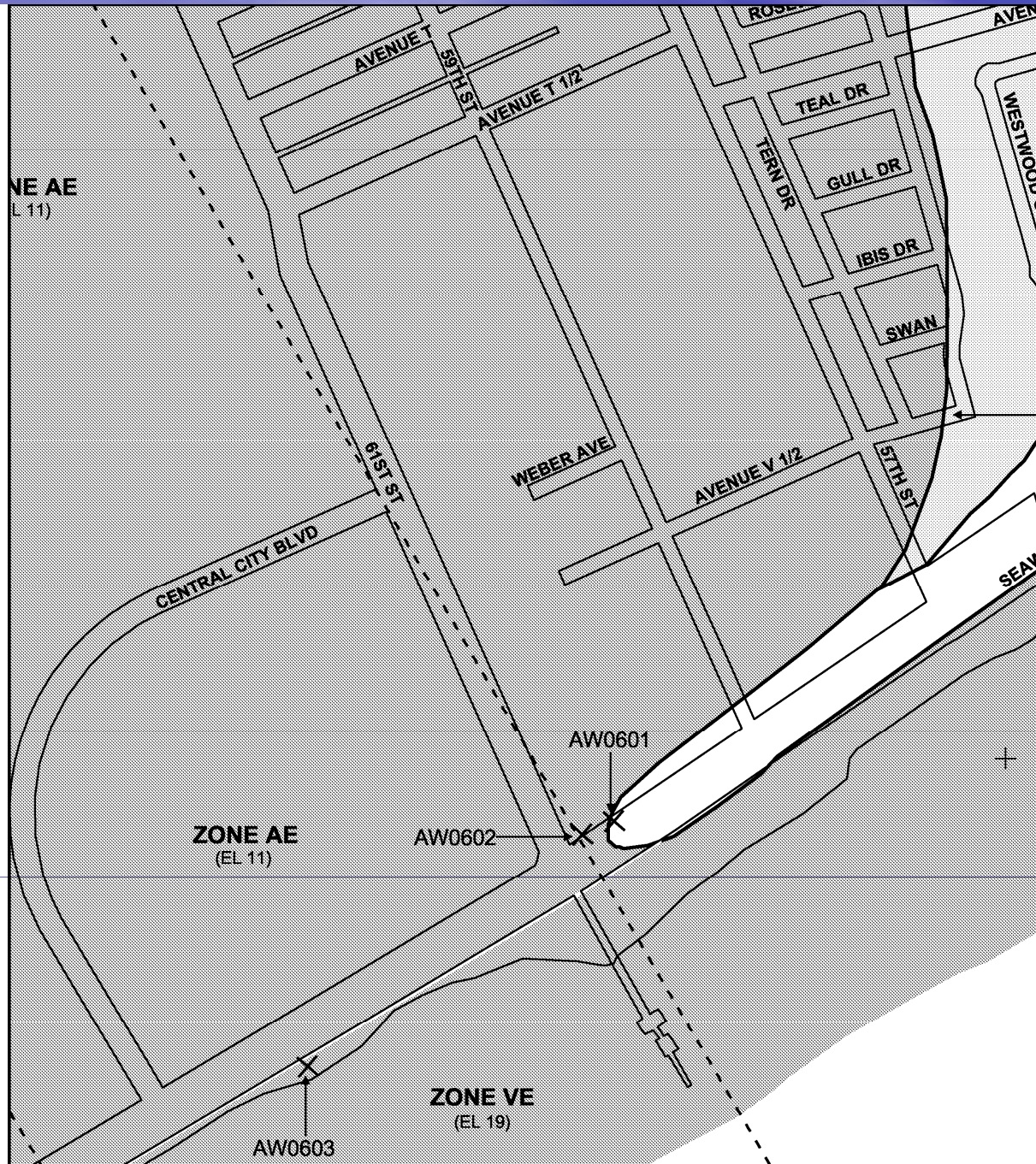
<http://www.floodmaps.net/eftp/>

Retrieve the file(s):

TO-0353_Final_Report.pdf



Galveston Topo Map

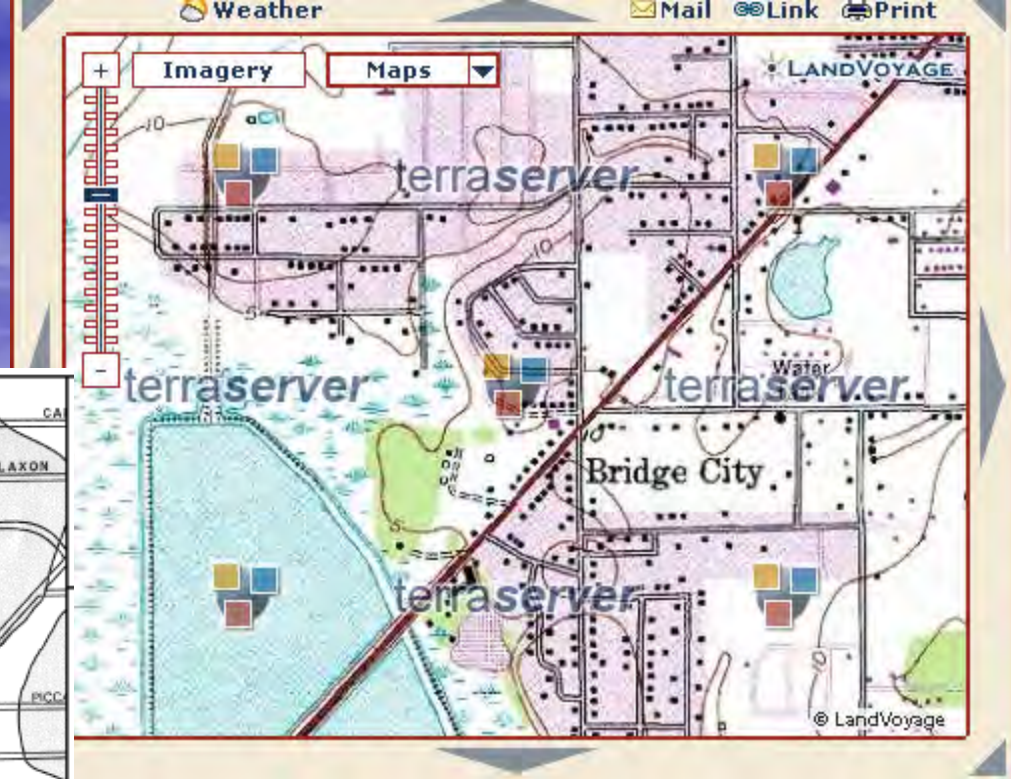
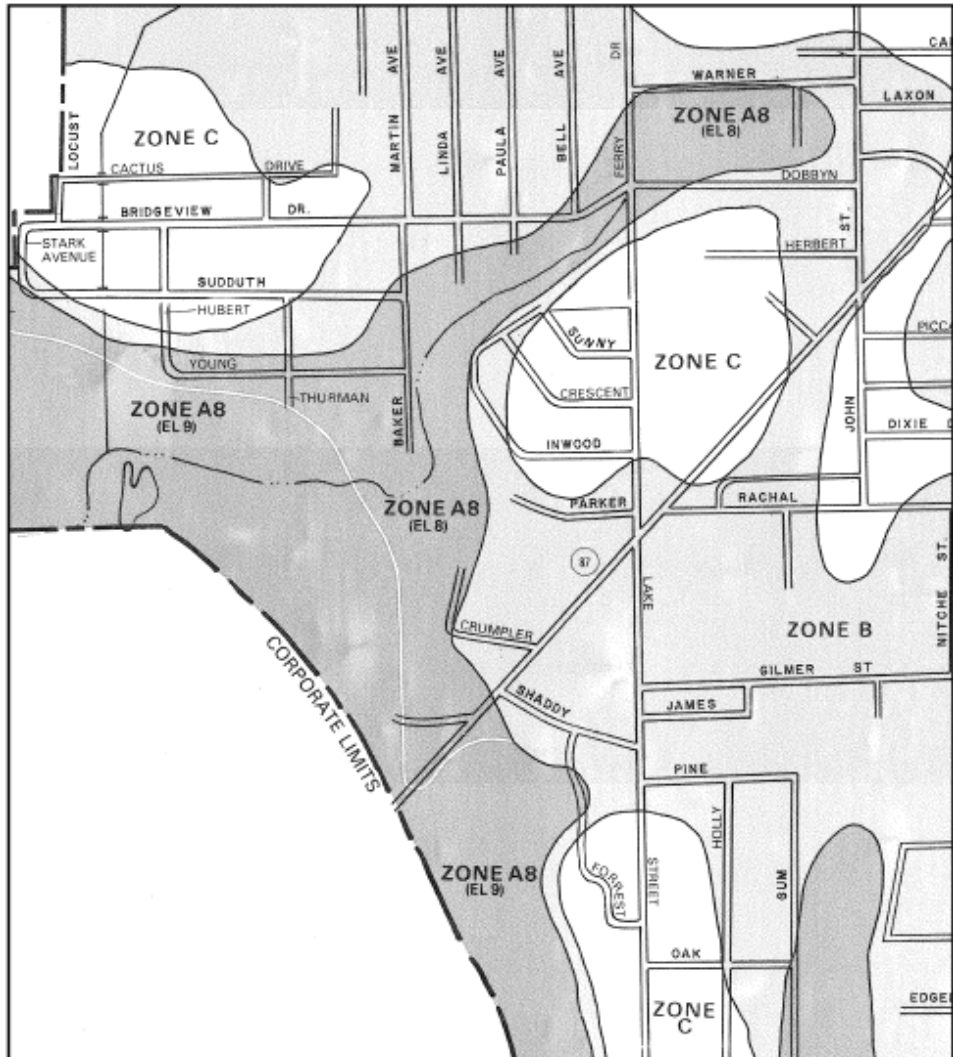


Ground Elevation = 5 msl

Flood BFE = 11 msl

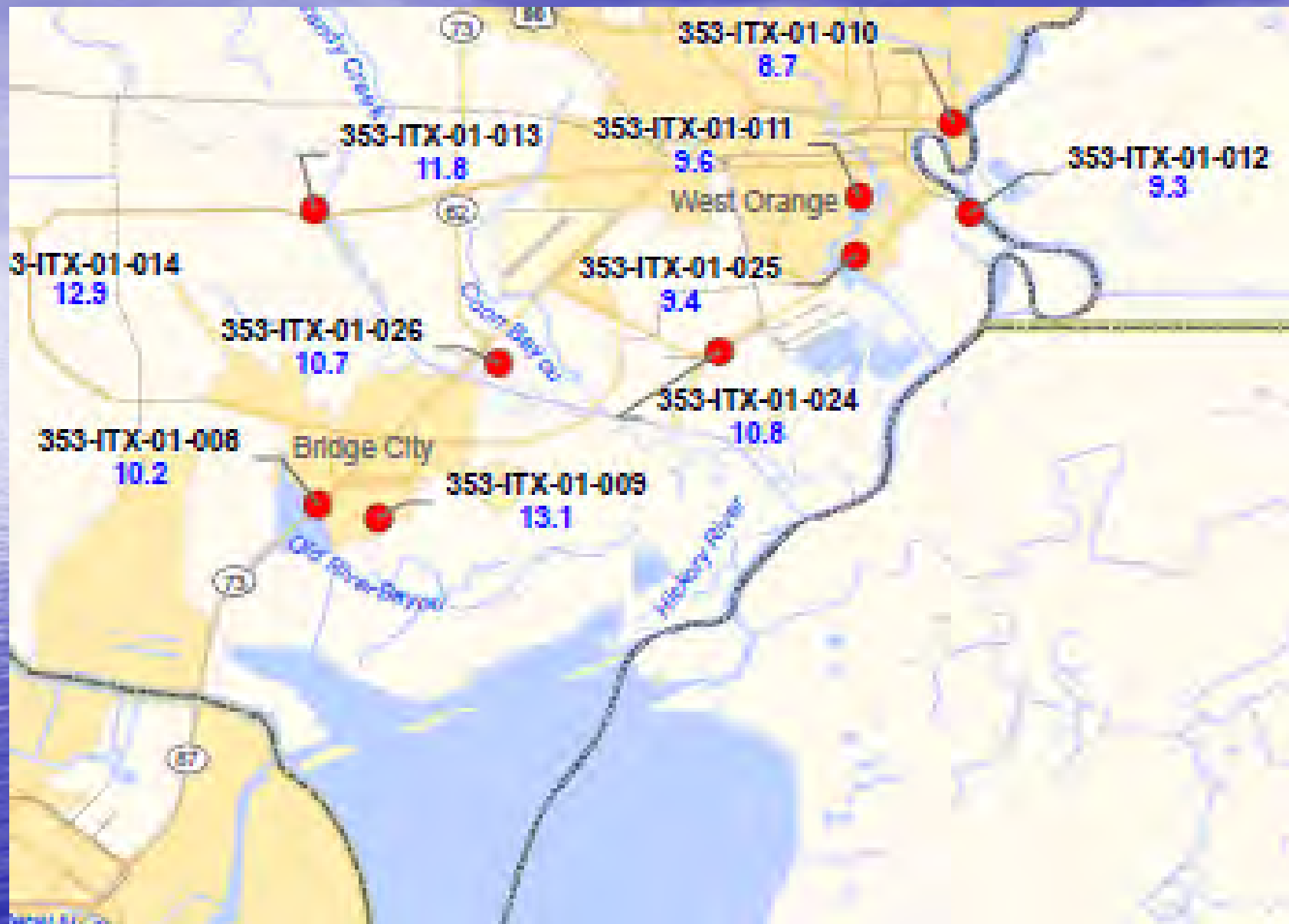
So, all new homes in area
Should have been
Elevated 6 feet.



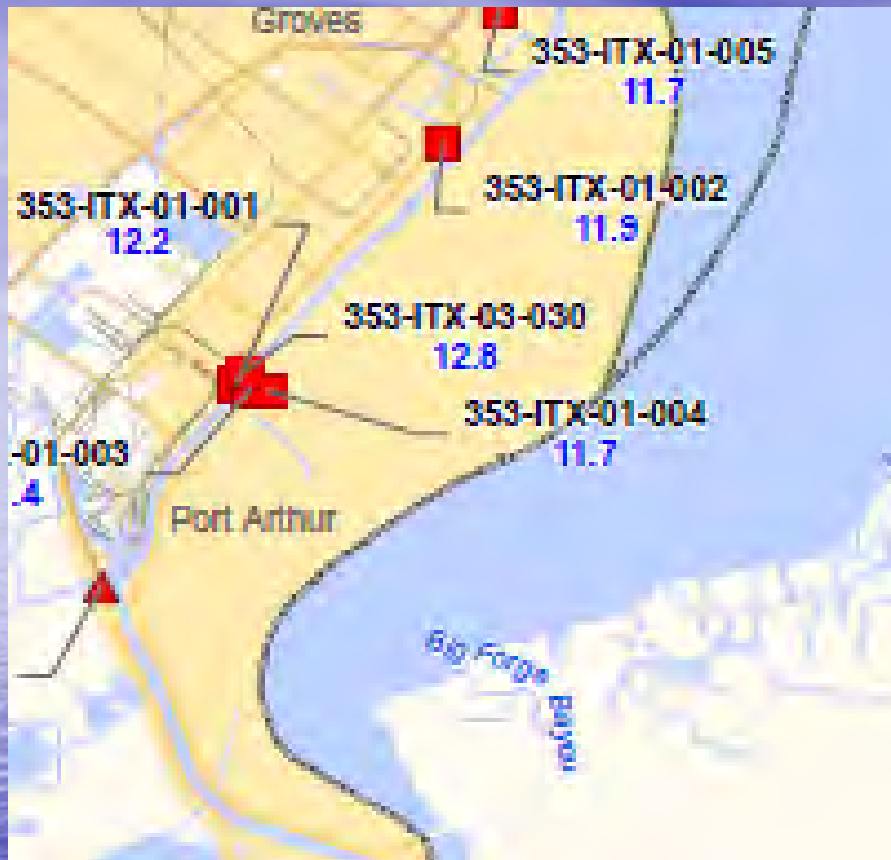


Ground Elevation north of bridge = 5 msl

BFE = 9 MSL



Holding our Breath



Port Arthur Seawall is between 13 to 15 ft high depending on location

11,000 people did not heed evacuation orders, almost a disaster

Second Best:

Sustainable coastal development.

Initial Reports: Multi-family development over parking is much more sustainable than single family development.



Sustainable coastal development: large blocks of greenspace between multi-family buildings, well back from beach, first floor 'flow-through' parking garage, 130 mph windcode construction,



Sustainable coastal
development:





The background is a smooth blue gradient. On the left side, there is a bright, vertical streak of light that fades into the blue, resembling a reflection of the sun on water. The overall tone is a deep, slightly lighter blue at the top, becoming darker towards the bottom.

Questions?