commentletters

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8-10-16
SWRCB Clerk

From: Joseph_Rizzi <Joseph_Rizzi@sbcglobal.net>
Sent: Wednesday, August 10, 2016 3:40 PM
To: commentletters
Subject: 8/16/16 BOARD MEETING - ITEM # 10 Sea to Salton Sea
Attachments: Map of Sea to Sea.png; Upper Salton-path-to-sea under 11 feet.png; Ditch vs Tunnel.png; Lower Salton-path-to-sea under 20 feet.png

Importance: High

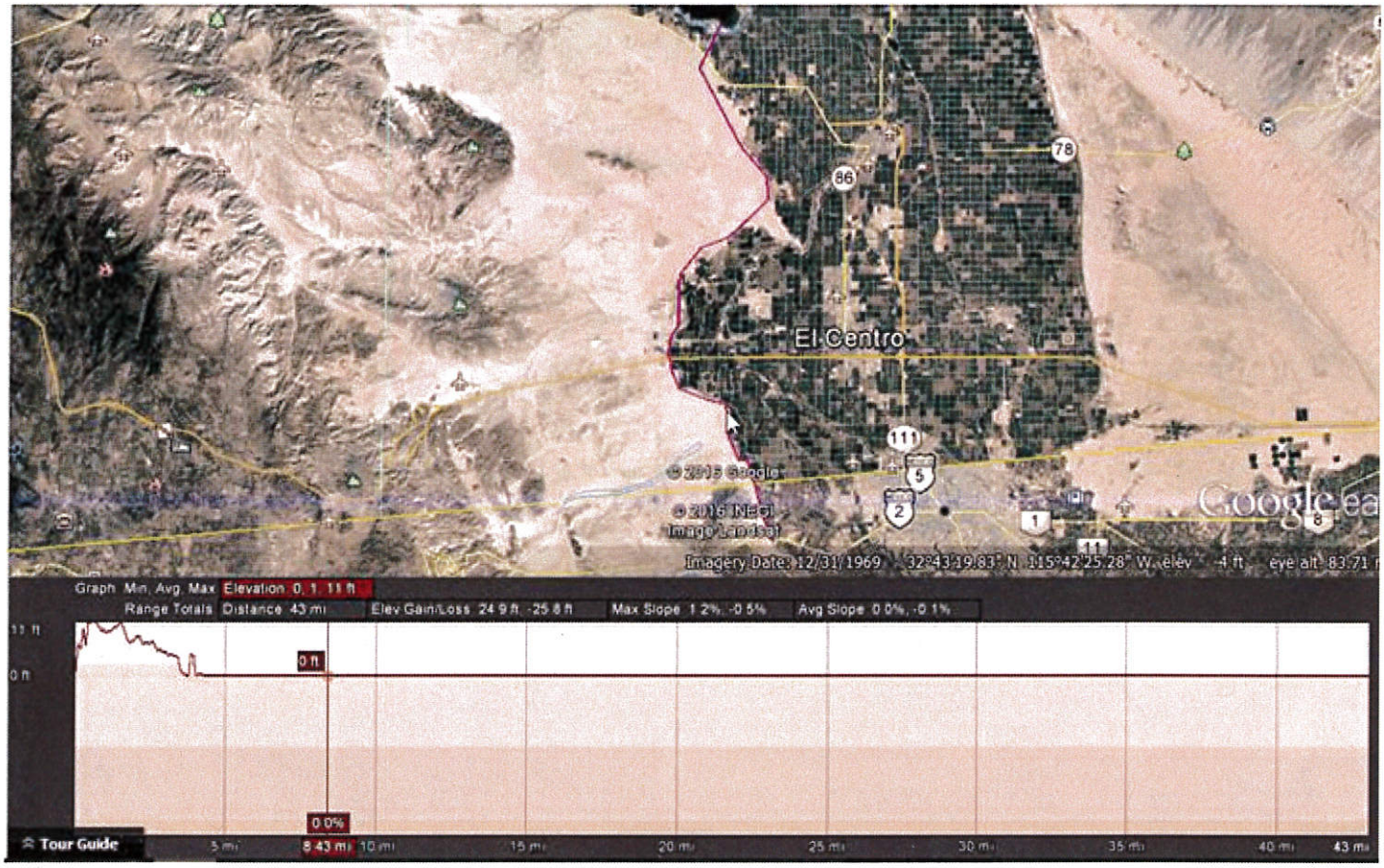
WATER ← More water is needed

Salton Sea need more water just like the rest of the state.
Permanently fix Dust and other problem by connecting Salton Sea to the Sea of Cortez (Gulf of California).

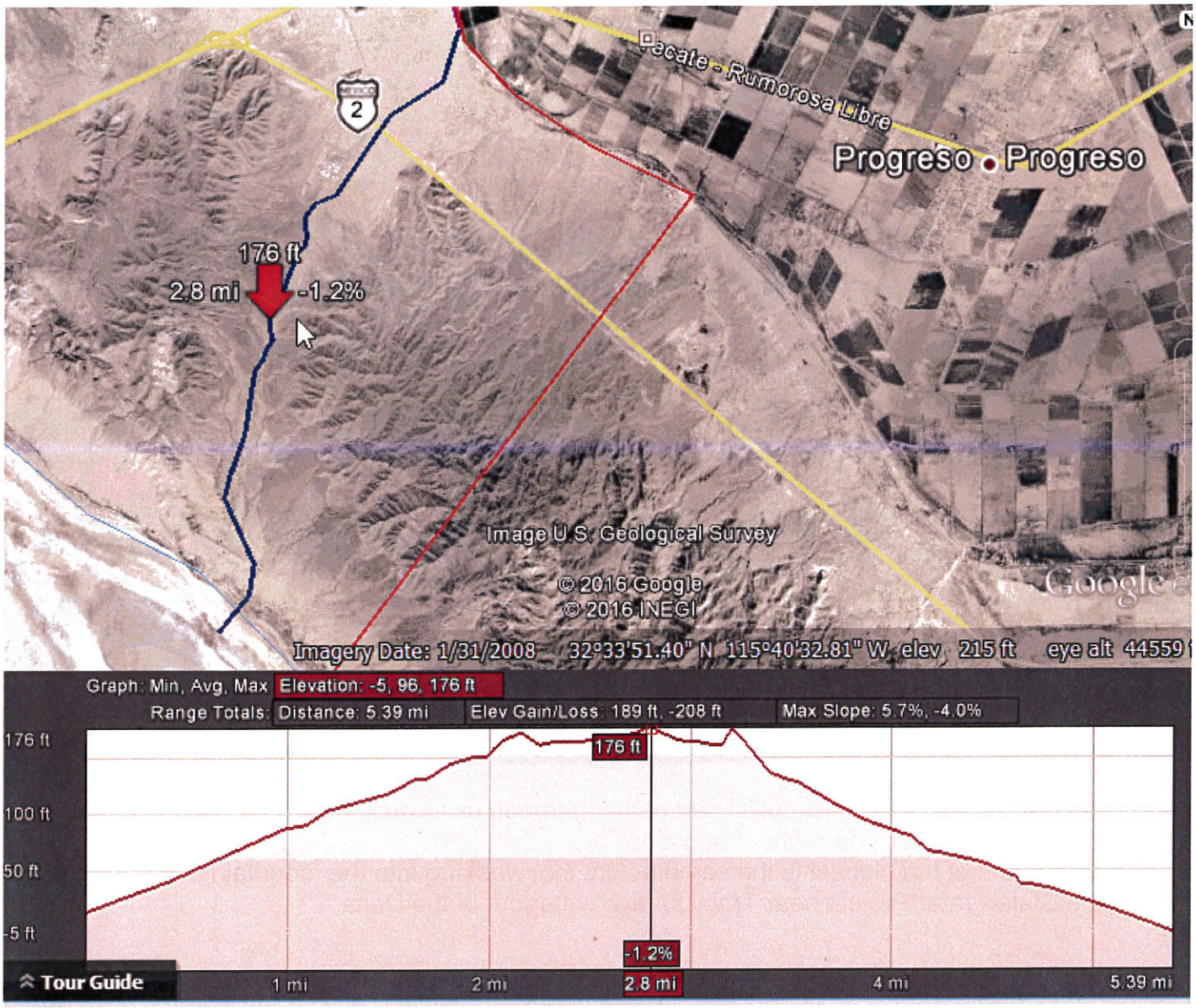
- Gravity Conveyance (ONLY) to connect, near ZERO operating expenses.
- Revenue $$ via new clean hydroelectric and Lucid Pipe energy and ZERO pumping and little canal maintenance cost.
- Sea Water vs Fresh Water – Sea water is plentiful and can forever keep Salton Sea's water at a specific level, and supply the 19 geothermal plants in the area.
- Fresh water options – WaterFX, GeoThermal desalination, Eden Project, and many other desalination options, but they **REQUIRE WATER**!!!!
- Mexico can get new permanently restored Laguna Salada with boating access to Sea of Cortez.

The following picture shows how to connect the two Sea's while at the same time Restoring Laguna Salada:

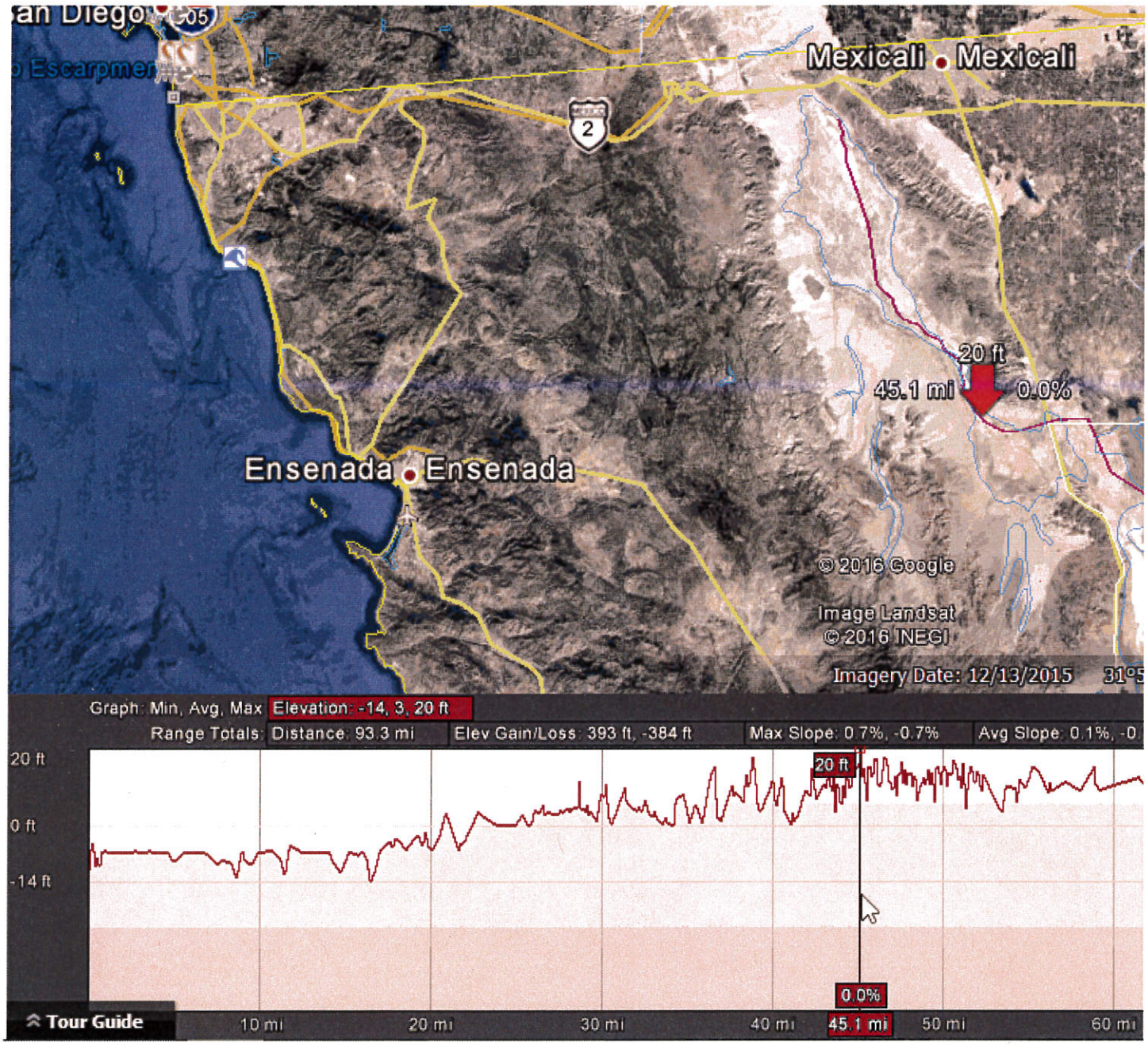
Now let's take a profiled look at the elevations needed for the Canal's to be construct, the upper or Northern section from Salton Sea up the hill side would be done with Lucid Pipe to create electricity as the water flows from sea level down to 230 feet below sea level into the Salton Sea. HydroElectric generators would generate more electricity as the water flows into the Salton Sea. From where the Lucid pipe starts back to the boarder the elevation of the canal is all at or below sea level. From the Mexican border to the mountain crossing the elevation is between sea level and 10 feet above sea level.



Now comes the Hardest and most costly part getting through or as designed dig a connection between the east and west side of the mountains.
FYI… This 160 foot at the highest is the same height that was dug into the mountain at the pumping plant for the State Water Project near Tracy to take water out of the Delta.



Restoring Laguna Salada with sea water once again, by making a canal to the Gulf of California. A canal was previously created to bring Colorado River Water to Laguna Salada, but would need to be deepened about 20 to 30 feet. Alternatively the canal could be made deeper and wider to allow for boats to travel into Laguana Salada which can add value and population to Mexico as a great selling point.



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