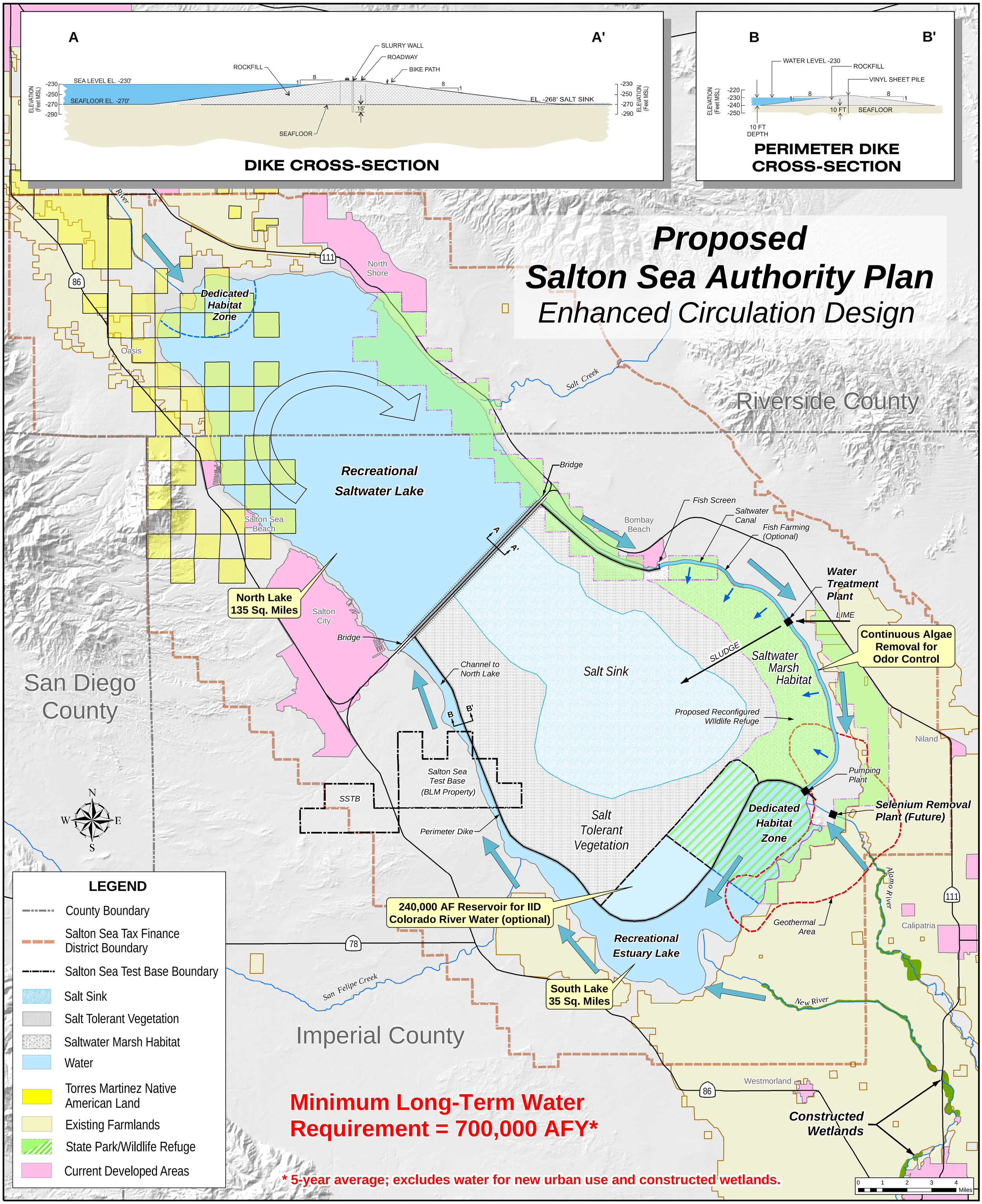
A
A'
SLURRY WALL
ROADWAY
BIKE PATH
ROCKFILL
SEA LEVEL EL. -230'
SEAFLOOR EL. -270'
EL. -268' SALT SINK
ELEVATION (Feet MSL)
-230
-250
-270
-290
15'
SEAFLOOR
DIKE CROSS-SECTION
B
B'
WATER LEVEL -230
ROCKFILL
VINYL SHEET PILE
-220
-230
-240
-250
10 FT
SEAFLOOR
10 FT DEPTH
PERIMETER DIKE CROSS-SECTION
Proposed
Salton Sea Authority Plan
Enhanced Circulation Design
Dedicated Habitat Zone
North Shore
Oasis
Salt Creek
Riverside County
Recreational Saltwater Lake
Bridge
Salton Sea Beach
Bombay Beach
Fish Screen
Saltwater Canal
Fish Farming (Optional)
Water Treatment Plant
LIME
North Lake 135 Sq. Miles
Salton City
Bridge
Channel to North Lake
Salt Sink
SLUDGE
Saltwater Marsh Habitat
Continuous Algae Removal for Odor Control
San Diego County
Proposed Reconfigured WIldlife Refuge
Niland
Salton Sea Test Base (BLM Property)
SSTB
Pumping Plant
Selenium Removal Plant (Future)
Salt Tolerant Vegetation
Dedicated Habitat Zone
Perimeter Dike
Alamo River
240,000 AF Reservoir for IID Colorado River Water (optional)
Geothermal Area
Calipatria
Recreational Estuary Lake
San Felipe Creek
South Lake 35 Sq. Miles
New River
Imperial County
Westmorland
Constructed Wetlands
N
S
E
W
LEGEND
County Boundary
Salton Sea Tax Finance District Boundary
Salton Sea Test Base Boundary
Salt Sink
Salt Tolerant Vegetation
Saltwater Marsh Habitat
Water
Torres Martinez Native American Land
Existing Farmlands
State Park/Wildlife Refuge
Current Developed Areas
Minimum Long-Term Water Requirement = 700,000 AFY*
* 5-year average; excludes water for new urban use and constructed wetlands.
0 1 2 3 4 Miles
08/23/2005