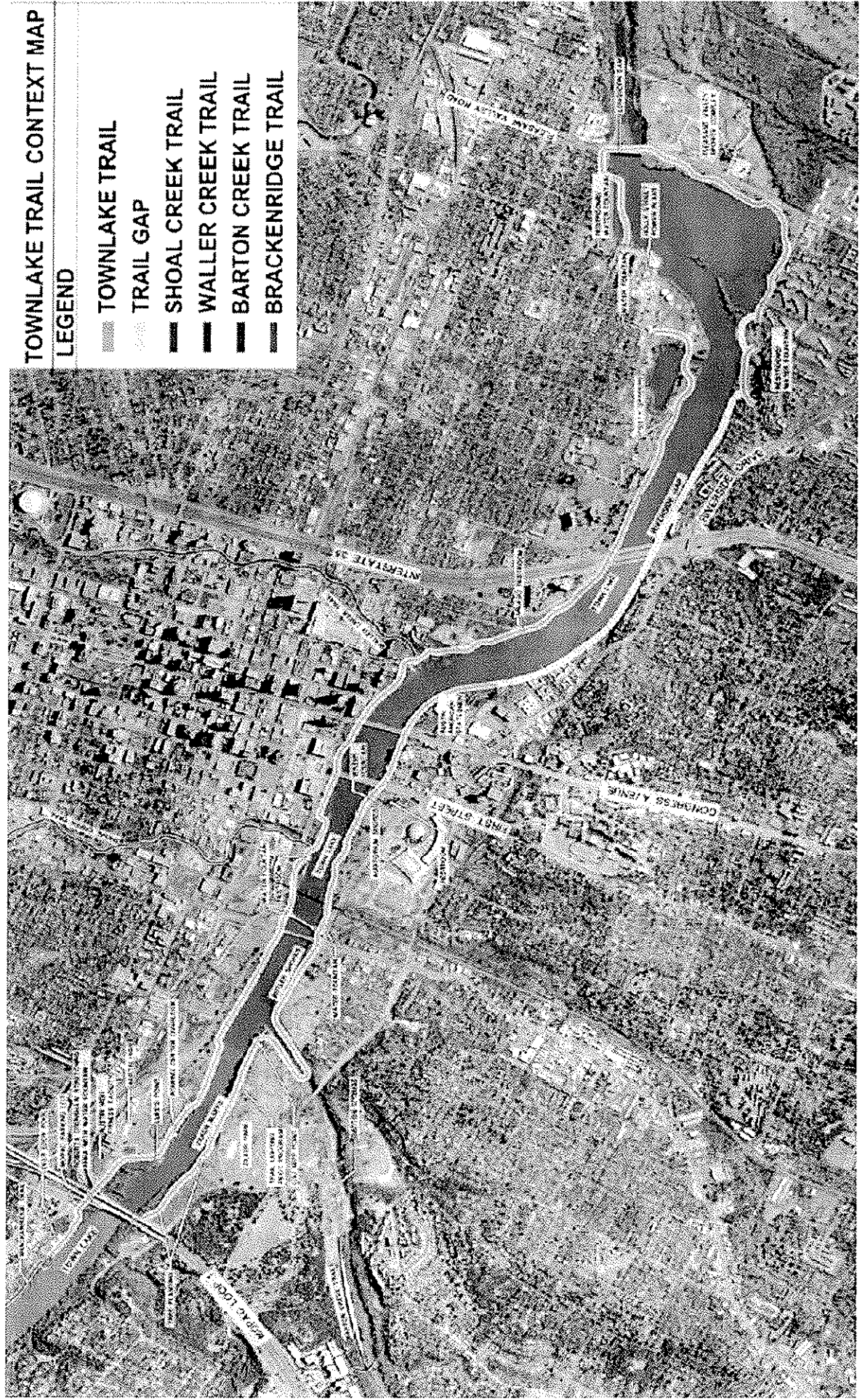


BOARDWALK TRAIL AT LADY BIRD LAKE

**WATERFRONT PLANNING ADVISORY BOARD
6/11/2012**

THE BUTLER TRAIL AT LADY BIRD LAKE



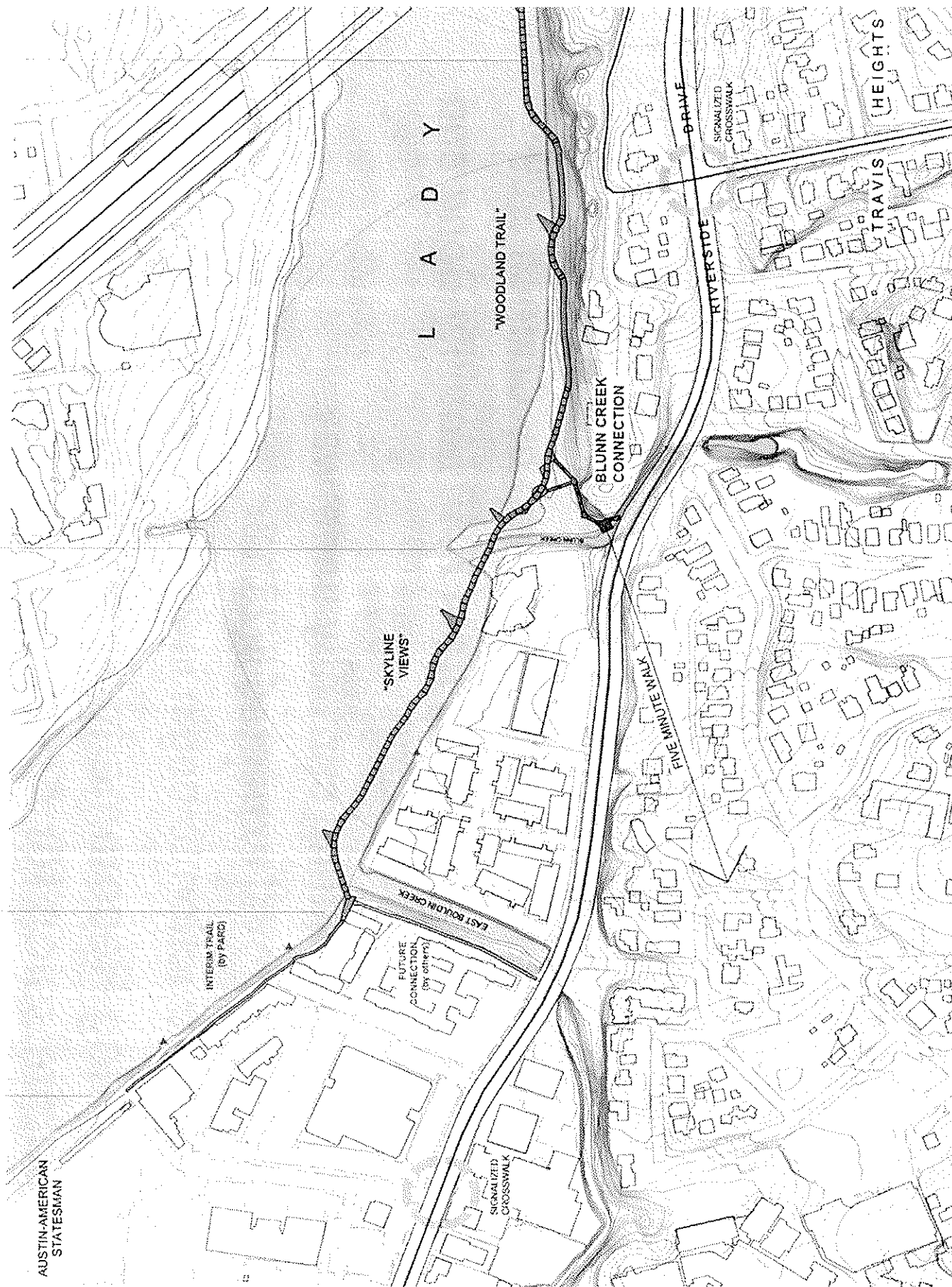
PROJECT SUMMARY

- Objective – Safe, attractive, multi-use trail link
- Timeline
 - City design began 8/08 w/public input
 - Preliminary alignment approved by Council 3/09
 - Construction funding from 2010 Mobility Bond and The Trail Foundation
 - Final permitting currently underway
 - Bid approval expected 6/28/12
 - Construction to begin in 2012; complete 1/2014
- Seeking Recommendation to Land Use Commission for Approval of Site Plan

• EAST RIVERSIDE
750 ft.

• SKYLINE SEGMENT
1,030 ft.

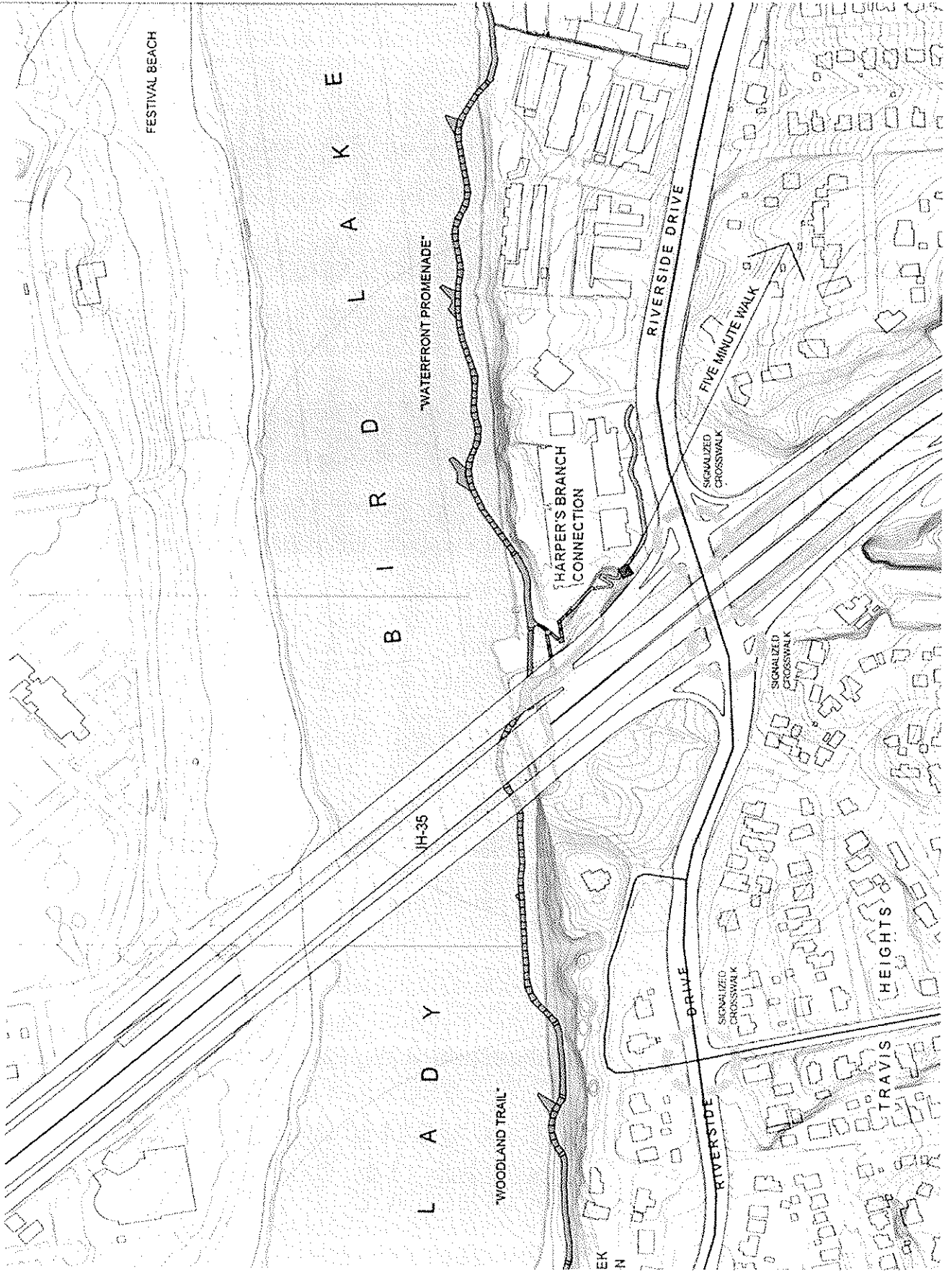
• WOODED CORRIDOR
1,370 ft.



WOODED CORRIDOR
1,370 ft.

IH-35 SEGMENT
980 ft.

WATERFRONT PROMENADE
1,550 ft.



WATERFRONT PROMENADE
1,550 ft.

• AMLI SEGMENT
530 ft.

• LAKESHORE POINT
710 ft.



ENVIRONMENTAL

- **Trail Fill in the Floodplain and Wetlands**
 - Seeking floodplain variance
 - Designed for minimal impact
- **Multiple Environmental Studies**
 - Hydrogeological setting review
 - Habitat surveys
 - Rare species protection
- **Collaborative Forestry Planning**
 - Extensive surveys and field route review
 - No Heritage Tree removal
 - Special construction procedures
- **Other Permitting entities**
 - USACE – Nationwide Permits
 - State and Local Agencies

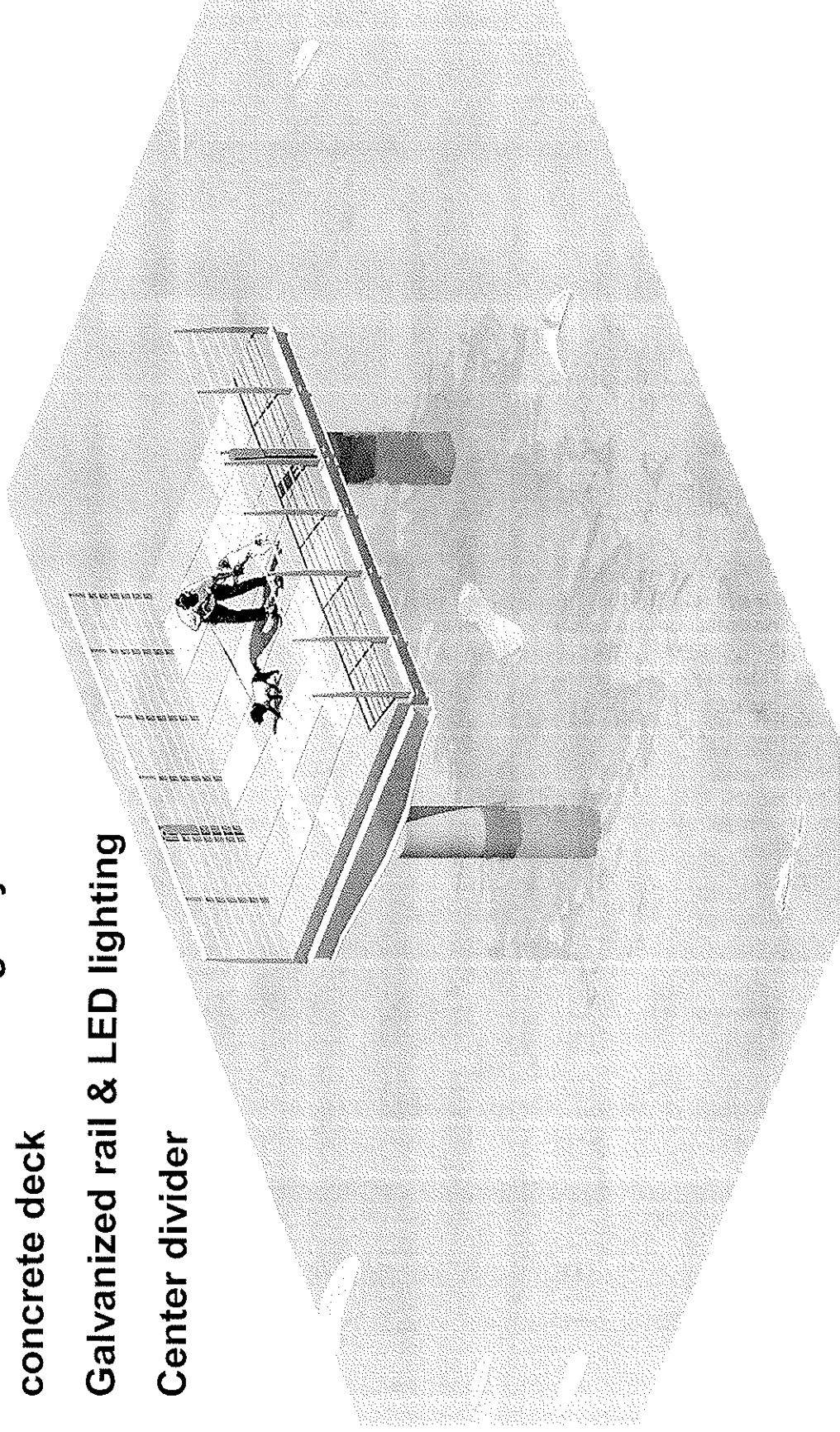
KIT OF PARTS

Typically 20' long x 14' wide deck section
on 24" dia. concrete piers & steel structure

With textured and integrally colored
concrete deck

Galvanized rail & LED lighting

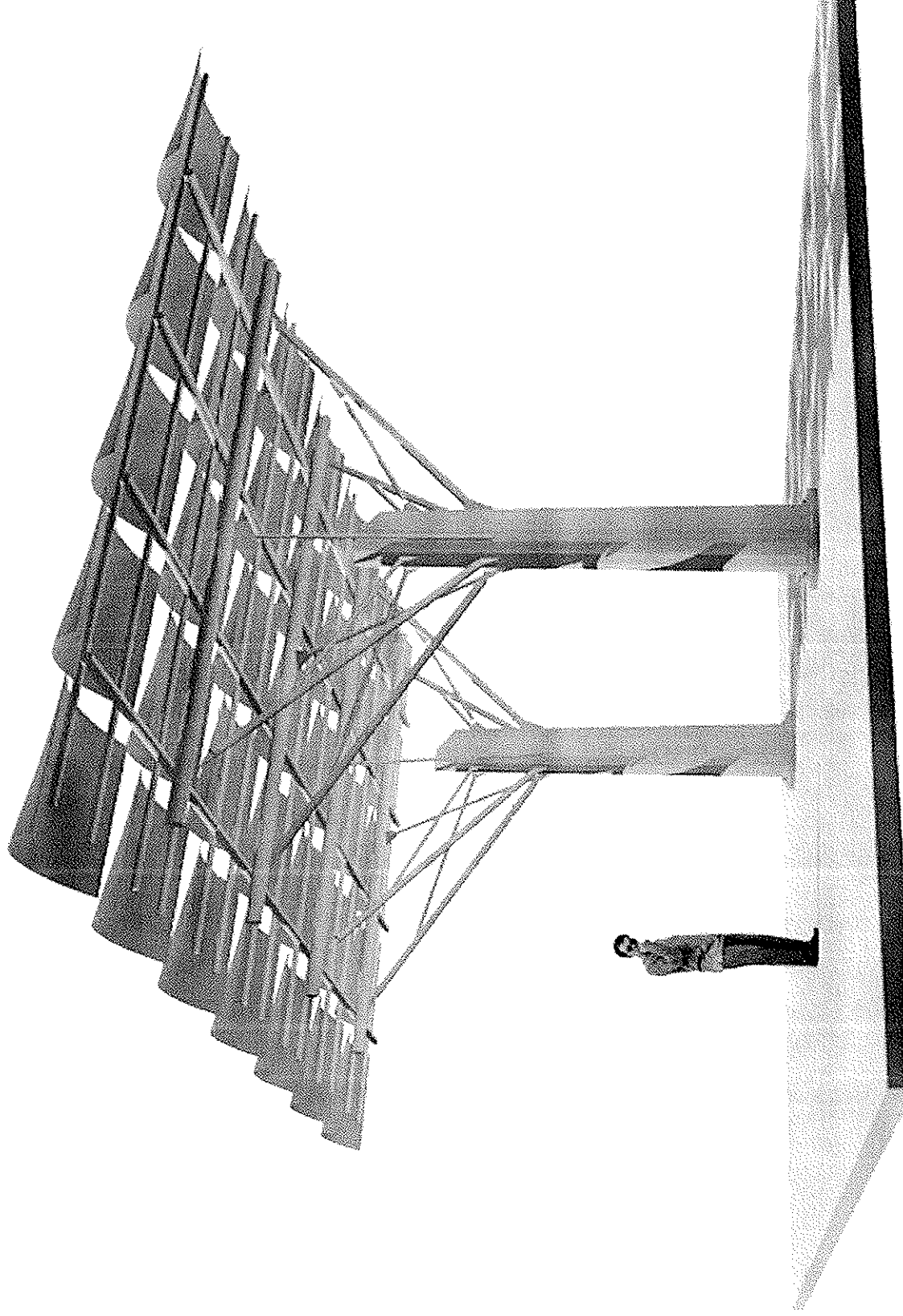
Center divider



WATERFRONT IMPACT

- **COA Code allows Trail in Setbacks**
- **Boardwalk Structure**
 - Typical deck 4-6' above water
 - Transparent handrail design
 - LED lighting in handrail
 - Shade structures
- **Land Segments**
 - Decomposed granite with pervious base
 - Stone block retaining walls with cross drainage
- **Restroom and Accessible Parking**
 - In International Shores Park out of the setback
 - Above the floodplain
 - Out of the Capitol View Corridor
 - Approved by Design Commission

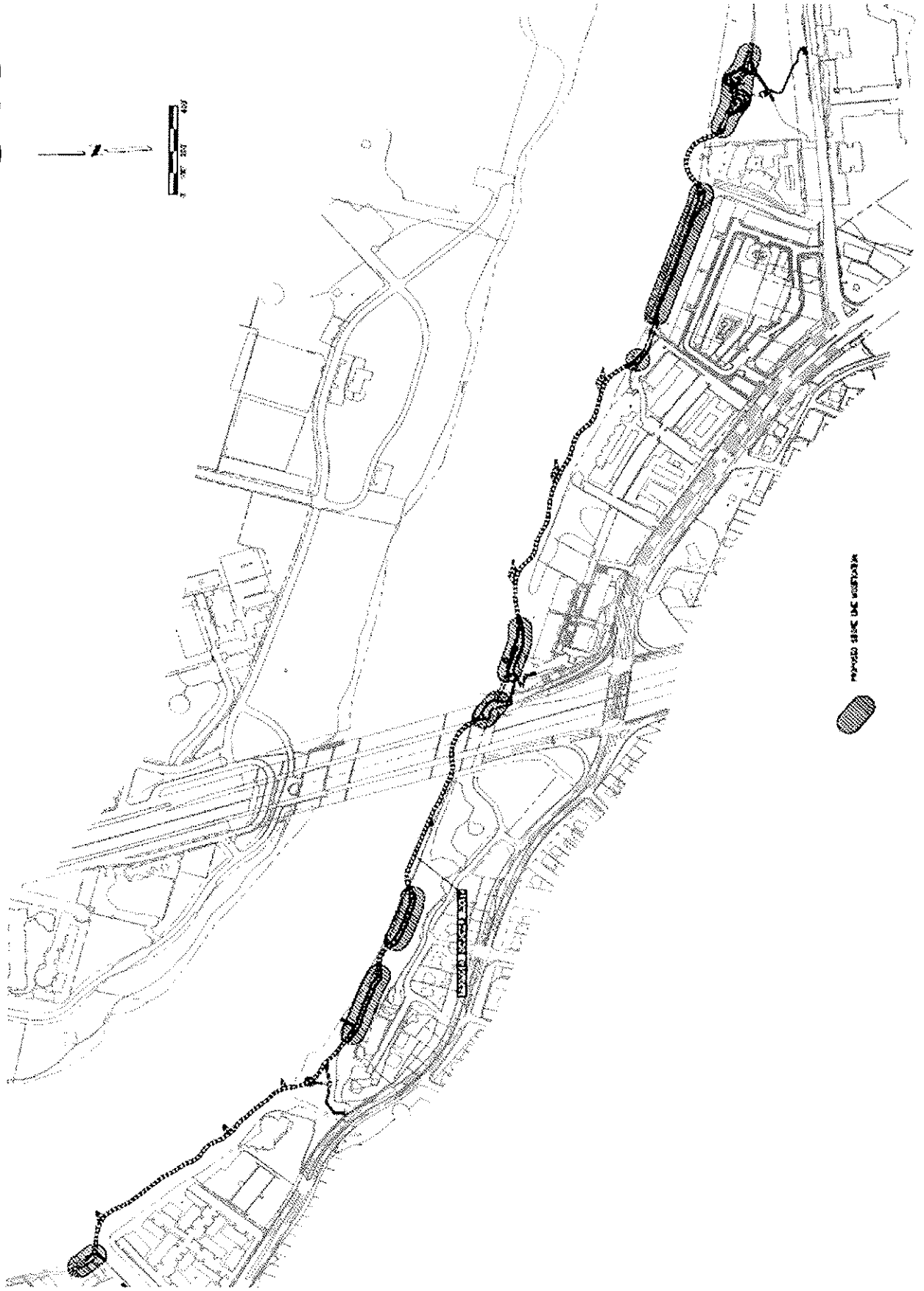
SHADE STRUCTURE



SUSTAINABLE CONSTRUCTION

- **In the Water**
 - Silt curtains for drilling and concrete placement
 - Removal and restoration of docking areas
- **Wetland Precautions**
 - Limited footprint with Protective Mats
 - Restoration planting
 - Rare plant protection
- **Floodway Precautions**
- **COA Construction Waste Management**
- **COA Environmental Protection systems**

SHORELINE MODIFICATION



SKYLINE SEGMENT



