



Figure 3.4D-1

3.4D SOUTH SHORE CENTRAL ZONE

The South Shore Central Zone is located between the Oregon and Main Street Bridges on the south shore of the Fox River, Figure 3.4D1. Within this zone based on plans given to the City, 150 feet of the river edge is to remain a boat facility. The Riverwalk will be bordered by a 6 foot fence (preferable black chainlink) along the boat works service yard and boat launching facilities at the rivers edge, Figure 3.4D-2. Coordination of public and private uses is critical in this location. Evaluation of the use of colored pavement, gates, and other techniques to caution riverwalk users is strongly recommended where boat moving and pedestrians need to coexist, Figure 3.4D-4. Riverwalk components consist of concrete walk, steel sheet pile, stainless steel or aluminum and wood railing, bollard and pedestrian lights, landscaping, and fixed docks.

Concrete Walk - The cross section for the Riverwalk maintains 1 foot wide curb edge (typically 6 inches high) along its land base edge, a 12 foot wide clear zone for the walkway, and an additional 3 foot width of pavement for the railing and bollard lights along the river's edge, for a total width of 16 feet, Figure 3.4D-3. Scoring and jointing of the walkway consists of 4 foot squares with periodic 18 inch wide bands occurring every 24 feet on center with the bollard lights. The steel sheet pile along the river's edge will be topped with a poured-in-place concrete cap with a 4 inch cantilever. In some locations adjacent to possible residential and mixed use developments, a 15 to 18 inch wall should be considered to provide a visual edge and minor physical separation between public and private uses.

Steel Sheet Pile – The existing edge of the South Shore Central zone consists of broken concrete and vertical wood crib structures. To protect the shore, improve aesthetics, and accommodate redevelopment, edge condition improvements are required. Steel sheet pile consistent with the river edge at Riverside Park near the Leach Amphitheater would be optimal.

Stainless Steel or Aluminum, and Wood Handrail – All vertical edges from the walk surface to the river along the Riverwalk are to have handrails for public safety. Handrails consist of stainless steel or aluminum tubes for post and structure elements and stainless steel cables for horizontal midrails, Figure 3.4D-5. Horizontal midrails should be designed to detract from foot placement. The top handrail consists of wood placed at a slight angle, 5 to 10%, for leaning and resting opportunities.

Landscaping – Landscape will occur within a 5 to 14 foot zone between the concrete walk (16 foot width) and the southern boundary of proposed 21 to 30 foot permanent easement creating a 21 foot Riverwalk easement in the South Shore Central Zone. Landscaping materials should consist of low-stature native perennials and native canopy trees. Landscape

materials selected should require relatively low maintenance and have the ability of survival in extreme conditions.

Bollard and Pedestrian Lights – The pedestrian light will match the fixture used at the Riverside Park Leach Amphitheater. Pedestrian lights are spaced approximately 75 feet apart. Primary function of the pedestrian light is to provide continuity of the Riverwalk with Riverside Park as well as providing additional lighting to the walk. Primary walk lighting is to be provided by bollard lights located approximately 25½ feet apart. Visually the bollard fixture is to play off the detail of the pedestrian fixture and handrail design.

Fixed Docks – Docks are located along the north edge of the Riverwalk. Recommended dockage consists of 6 foot wide head piers with 4 foot wide finger piers. The head pier is accessed centrally at each pier section to minimize placement of security fencing and gates. Each access point is to have security gates. Security gates are to be designed integrally with the Riverwalk handrail detail.

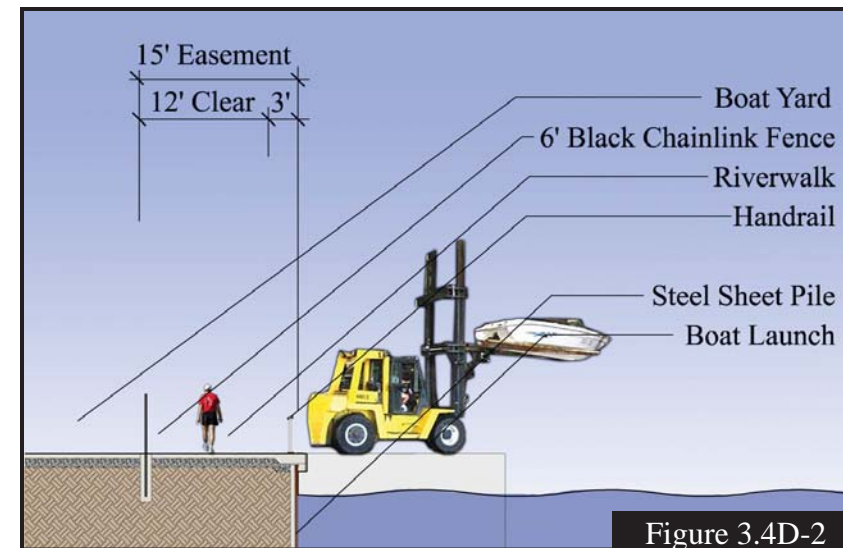


Figure 3.4D-2

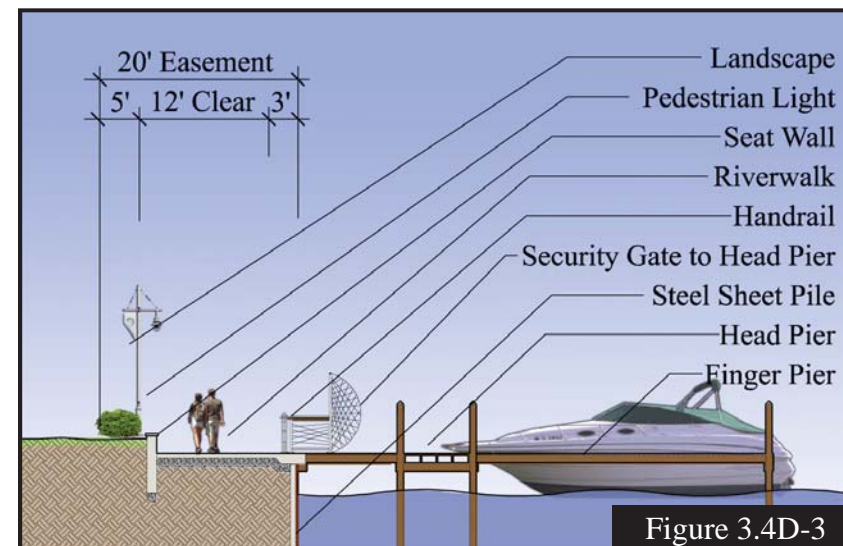


Figure 3.4D-3



Figure 3.4D-4

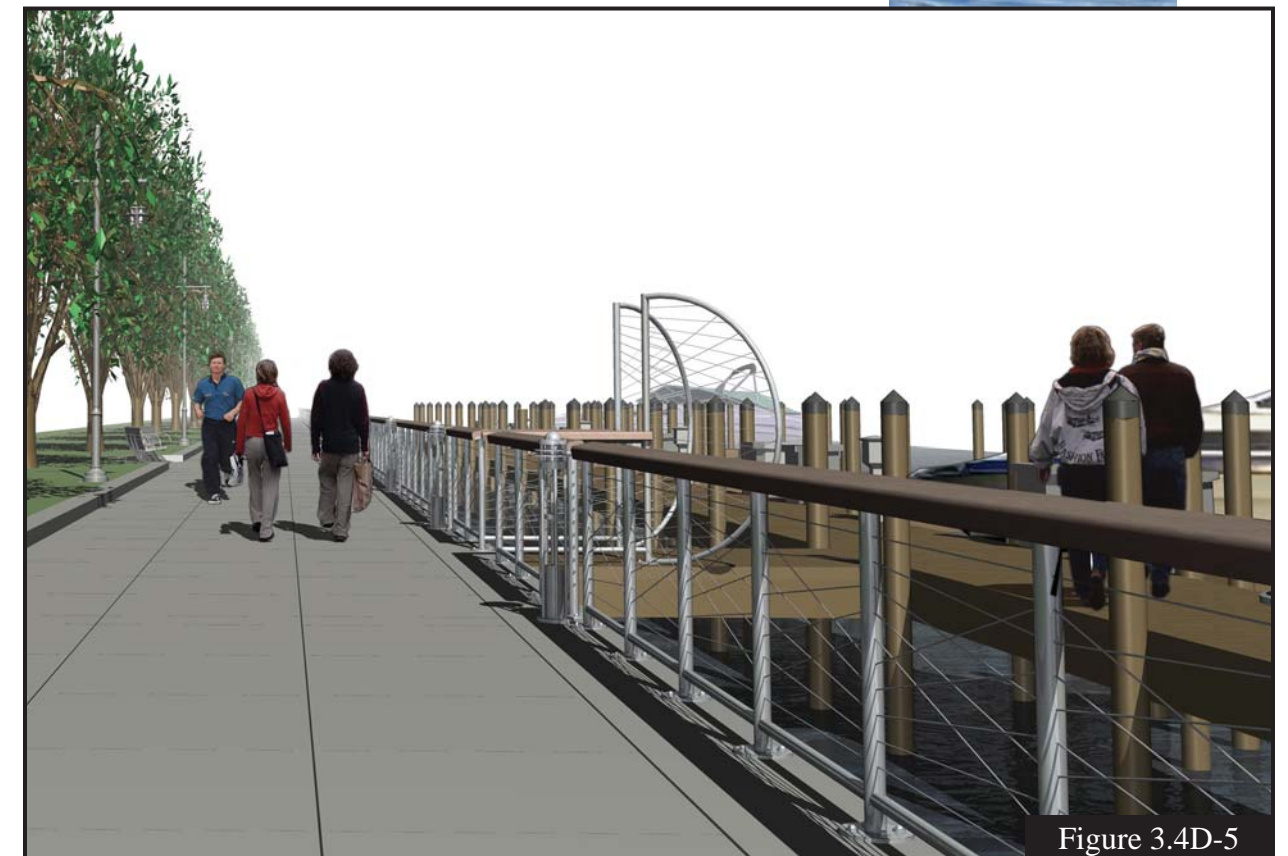


Figure 3.4D-5