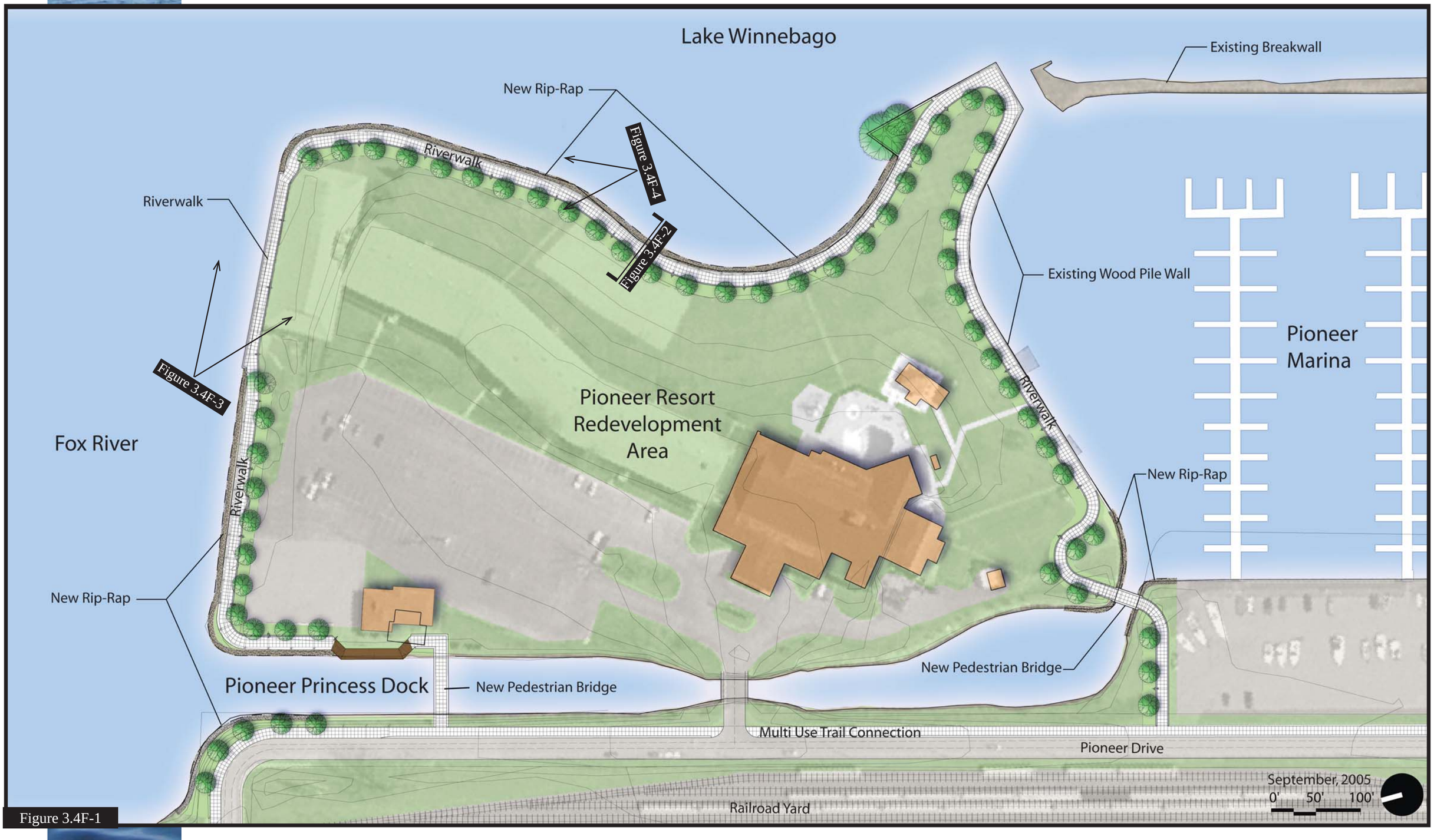
Lake Winnebago
Existing Breakwall
New Rip-Rap
Figure 3.4F-4
Riverwalk
Figure 3.4F-2
Riverwalk
Figure 3.4F-3
Existing Wood Pile Wall
Pioneer Marina
Fox River
Pioneer Resort Redevelopment Area
Riverwalk
Riverwalk
New Rip-Rap
New Rip-Rap
Pioneer Princess Dock
New Pedestrian Bridge
New Pedestrian Bridge
Multi Use Trail Connection
Pioneer Drive
Railroad Yard
September, 2005
0'
50'
100'

Figure 3.4F-1

3.4F PIONEER RESORT

The Pioneer Resort is located east of Pioneer Drive on the south shore of the Fox River, at Lake Winnebago, Figure 3.4F-1. The resort's marina facilities are south of the island. Riverwalk components consist of concrete walk, boardwalk, rip-rap, steel sheet pile, stainless steel or aluminum and wood railing, bollard and pedestrian lights, and landscaping.

Concrete Walk - The Riverwalk is located along the eastern edge of Pioneer Drive south to 14th Street and crosses the channel that defines the western boundary of the Pioneer island via a pedestrian bridge and continues around the entire northern and eastern edges of the island before again crossing the channel with a second existing high pedestrian bridge and reconnecting with the Pioneer Drive portion. The new pedestrian bridge will be designed to allow the continued passage of the "Pioneer Princess." For the majority of this distance on the island, the Riverwalk will be a 12 foot wide hard surface walkway with a 5 foot planting areas on the land-side edge. 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 6 inch high by 1 foot wide curb edge and bollard lights along the river's edge, for a total width of 16 feet, Figure 3.4F-2. 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, Figure 3.4F-4. The existing concrete on steel pile deck located on the north east side of the island is to be incorporated into the Riverwalk with the concrete walk, curb, and amenity detailing to match, Figure 3.4F-3. In the event of steel sheet pile use along the river's edge it will be topped a poured-in-place concrete cap with a 4 inch cantilever.

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 within the handrail system. Visually the bollard fixture is to play off the detail of the pedestrian fixture and handrail design.

Benches – Twelve benches are suggested to be place in groups of two (six groups total) approximately 160 feet apart along the Riverwalk. Benches are to be located on the land based side of the Riverwalks facing the Fox River. Benches are to be placed outside the 12 foot clear zone of the walk on concrete extensions 4 feet wide and 16 feet long to accommodate (two) 6 foot benches and space for wheelchair.

Trash Receptacles – Five receptacles are to be evenly located between the six bench groups along the Riverwalk. Receptacles are to be placed outside the 12 foot clear zone of the walk on the land based side of the Riverwalk. The base for the receptacles is to be 4 foot square concrete pad to match the walk scoring.

Steel Sheet Pile and Rip Rap – The existing edge of Pioneer island is in poor condition. Both the Rip Rap and sheet pile edges require reconstruction.

Stainless Steel or Aluminum, and Wood Railing – The standard Riverwalk railing will be used on the new bridge and along the boardwalk portion of the Riverwalk on Pioneer island.

Landscaping – Landscaping will occur within the 5 foot zone landward of the concrete walk (12 foot width). Landscape materials should consist of shade trees, native shrubs, and perennials. Shade trees should be placed 40 feet on center, perennials may be used in combination with curbs and low walls as a visual and physical separation between resort and Riverwalk users. Landscape materials selected should require relatively low maintenance and have the ability of survival in extreme conditions.

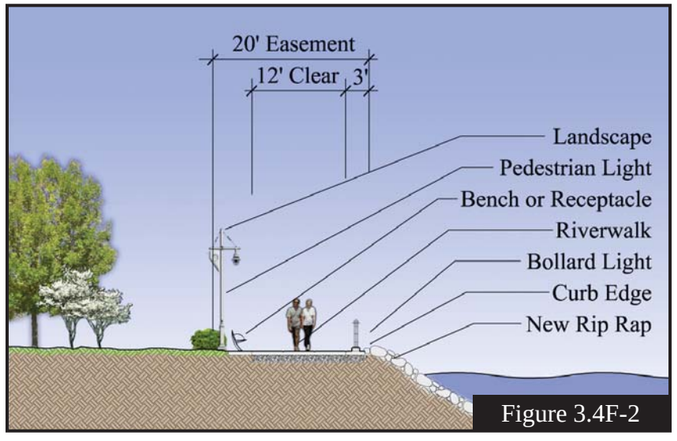

Figure 3.4F-2


Figure 3.4F-3


Figure 3.4F-4