

Pantano Wash Bank Protection and River Park: Fort Lowell to Tanque Verde Road

SAFETY RAILING, and POST AND CABLE BARRIERS

SAFETY RAIL

Safety rail is a type of handrail that is install along the top of the soil-cement bank protection to warn river park users of the drop off hazard at the face of the soil-cement bank protection.



The location of the post are marked on the top of the soil cement.



A drill is used to auger the postholes.

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Posts are placed in the postholes



Posts holes are filled with concrete.

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Top rail is laid out.



And welded.

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Finished weld is grounded to remove sharp burrs or metal spurs.



Worker are required to wear safety harness when welding the backside of the safety rail.

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Finished rails are inspected and painted.

POST and CABLE

Post and cable is used to keep unauthorized vehicle from entering the river park and define the property that Pima County is to maintain.



Post install along a roadway.

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Cable is threaded through holes in the posts.



Equestrian step overs are provide to allow adjacent property owners and equestrian rider access to the river park, while restricting motorized vehicles such as ATV's.

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Removable post barricades are used to permit authorized motor vehicles such as park maintenance and emergency vehicles access to the river park. The highly visible reflective tape bring attention to the opening in the dust or dawn hours.



To anchor the long lengths of cable, special end sections are constructed.

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Finished post and cable on one side of the River Park and finished safety rail on the other define the width of the river park.