

7.4.2 Project SSC-2: Irvingdale Park Channel Improvements on Tributary SC015R015

Problem description: Stream incising and plan form adjustment on tributary SC015R015 is threatening Irvingdale Park infrastructure and one residential parcel. An existing rock grade control is failing upstream of the park pedestrian bridge over the tributary and bank erosion is threatening the park trail, one resident and a storm water outfall downstream of the pedestrian bridge.

Recommendation: Recommend removing the failed grade control and replacing it with a new rock grade control structure and associated bank stabilization to stop incision and protect the parking lot and the project reach upstream of the pedestrian bridge. Recommend installation of grade controls and bank stabilization measures to protect the residential parcel, park infrastructure and storm water outfall along the project reach downstream of the pedestrian bridge.

Impact to Special Areas and Water Quality: Project is located within Irvingdale Park. Consideration during design and construction should be provided to minimize disturbance to the park and reduce impacts to water quality to the greatest extent practical.

Estimated Project Cost: \$370,000



Figure 7-7: Failing Grade Control



Figure 7-8: Incising channel north of Irvingdale Park



Figure 7-9: Conceptual Layout of SSC-2