



Incline Fairview Phase III - Country Club Water Quality Improvement Project 2005-2006

Integrated Environmental Restoration Services (IERS) collaborated with Nevada's Washoe County Public Works Department and Nichols Consulting Engineers on this large urban retrofit project to develop an innovative approach that integrated biological and engineering treatments to maximize source control and infiltration. The project focused on treating eroding cut slopes and restoring infiltration capacity in roadside drainages including meandering infiltration swales, rock check dams, infiltration basins, water spreading areas and riparian/SEZ restoration. IERS oversaw implementation of all treatments and provided technical input on several major field-fit design changes during construction. The results of this innovative project demonstrated the effectiveness of cutting-edge treatments that improved source control and hydrologic function in a high priority watershed.

Project Elements

- Erosion assessment and conceptual design
- Soil and vegetation treatment specifications for upland and water flow areas
- Construction oversight

Key Outcomes

- *2007 Environmental Project Award from the American Public Works Association (Nevada Chapter)*
- Demonstration of cutting-edge source control treatments



Vacant lot before treatment



Vacant lot with rock-lined swale



Infiltration swale along road

Client: Washoe County

References: Washoe County Public Works Kimble Corbridge (775) 328-2041
Nevada Division of State Lands Liz Harrison (775) 684-2736

