Almaden Quicksilver County Park

- Hacienda Entrance to Quicksilver County Park – Clockwise from lower left: Service Vehicle Entry, construction trailer, Daily Instructions, Project Sign
Map of Almaden Quicksilver County Park
Construction Staging, Stockpiles, Cautions
Castillero Trail
Castillero Trail
Pre-Construction at Culvert Location
Castillero Trail at Culvert

- Existing Pampas Grass to be removed on each side of trail. Grass and other vegetation blocking the drainage flow to existing culvert.
Castillero 36" Culvert Placement
Castillero Trail
36” Culvert Construction

Installation of Geotextile Fabric and Rock Slope Protection
Castillero Trail 36” Culvert with Rip Rap

- Installation of culvert, rip rap and connection to concrete V ditch from SFOC
Castillero Trail Excavation
Castillero Trail – Installation of Aggregate Paving
Castillero Trail – Installation of Earthen Ditch

Over 1000 feet of Earthen Ditch was installed towards new 36" culvert on uphill side of trail.
Castillero Trail

Existing Headwall for New 18" Culvert with Earthen V-Ditch
Castillero Trail

- Cleaning of Headwall, adding a 18" CMP culvert and Earthen Drainage Ditch
Castillero Trail

Existing Headwall and new 18" Culvert
Randol Trail

PLAN 6 OF 6
Randol Trail

Existing 18" drainage culvert prior to calcine removal at Station 12+00
Randol Trail Culvert

Existing 18" Culvert
Downhill side at 19+25
Randol Trail
36" Culvert

36" culvert under construction with formation of Earthen Drainage Ditch
Randol Trail
36" Culvert

Uphill riprap and geotextile fabric
Randol Trail Construction of Culvert and Trail

Placement of 36” culvert and riprap on uphill and downhill side of trail
Randol Trail 36” Culvert

Detail of culvert with Apron
Randol Trail Paving
April Trail and Lower Mine Hill Trail
April Trail
Excavation of Calcines

April Trail under excavation revealed large boulders and rocks
April Trail Construction of Rip Rap at existing culvert
April Trail – Existing Culvert with new drainage ditch on uphill side of trail
April Trail –
Armored Rock Crossing 25’ x 25’

- Installation included Geotextile fabric, rock slope protection and riprap; 1 ½” drainrock at 18” depth with 6” Class II Aggregate base on top compacted to 95% density
April Trail – Armored Rock Crossing
April Trail – Installation of Aggregate Paving and Earthen Drainage Ditch
April Trail

- On each Rolling dip (11 in total) on the downhill side of the top of hump...Coyote excrement.
Lower Mine Hill Trail - Excavation
Mine Hill Trail – Excavation and placement for Rock Lined Drainage to Existing 36” culvert
Mine Hill/April Trail

Rock Lined V-Ditch from both directions to existing 36" culvert on uphill side of trail
Upper Mine Hill and San Cristobal Trails
Upper Mine Hill & San Cristobal Mine Trail

- Upper Mine Hill Trail included an excess of calcines, deep, with large rocks and boulders beneath - making construction difficult.
Mine Hill at San Cristobal Trail Intersection

Drainage to an existing culvert was required on both sides of the trail. Steep grade from San Cristobal Mine Trail to Mine Hill trail required outslope drainage on the downhill side and a constructed swale on the uphill side leading to the existing 18" culvert.
Yellow Kid Trail
Yellow Kid Trail – Prior to Excavation
Yellow Kid Trail Excavation
Yellow Kid and Hidalgo Cemetery Trail Excavation

- Clockwise from Top Left:
- 1. Pack Rat Nest
- 2. Excavation at top of Yellow Kid
- 3. Excavation of Hidalgo Cemetery
Yellow Kid Trail – Existing Culvert prior to rip rap installation; 20' x 20' x 5' depth rip rap downslope of trail
Yellow Kid Armored Crossing
Yellow Kid Trail — Additional Work to prevent erosion and wet, muddy conditions
Unknown Trail
Unknown Trail
Unknown Trail #2 - Existing Conditions and Excavation; Unknown Trail #1 calcines not found
Unknown Trail Paving and Slope Stabilization –
Clockwise from Lower Left: Rock-slope stabilization, Upper Trail, cul-de-sac trail end.
San Francisco Open Cut and Access Trail
Access to SF Open Cut - Excavation
SF Open Cut – Prior to Removal of Clay Cap Soil
SF Open Cut

- Transport and Spreading of Calcines on SF Open Cut
SF Open Cut – Spreading and Compaction of Clay Cap over Calcines
SF Open Cut — Rock Lined V Ditch along Access road
with new Aggregate Paving
SF Open Cut – Extension of Concrete V-Ditch
Hydroseed Delivery

Clockwise from lower left:
Hydroseeding of SF Open Cut,
Superior Hydroseeding
Delivery, seed mix
The End