



# REPLACEMENT OF EXISTING FAILING CONCRETE STEPS

## New Granite Stair Placement and Stair Specs

- Sub-Base
  - $\frac{3}{4}$ " Compacted Crush Stone
- Base
  - $\frac{3}{4}$ " Compacted Gravel
- Dry-Layed 9" Thick Granite Steps
  - 2- Steps 7'-6" Wide with 13" Wide Tread Depth and 7-1/2" Rise
  - 3- Steps 7' Wide with 13" Wide Tread Depth and 7-1/2" Rise

## Guard Rail

- Alumi-Guard Brand Black Powder Coated Aluminum Guard Rail
  - 36" High Guard Rail w/ 2" Surface Mount Posts
    - Posts will have  $\frac{1}{4}$ "x4"x4" Plates Welded Before Powder Coating
    - Posts will be Surface Mounted to Granite Using  $\frac{1}{2}$ "x4" Stainless Steel Wedge Anchors
    - Post Spacing is not to exceed 6' O.C.
    - Balusters are to be Spaced 3-1-3/16" In Between
  - 1-1/2" O.D. Aluminum Grab Rail
    - Mounted to posts using Offset Bracket
    - Grab Rail Height is to be 32" High