

Fort Bragg ADA Improvement Project Retaining Wall Description and Details

Proposed Retaining Wall #1 would be constructed between the intersection of State Route (SR) 20 and SR 1 (PM 59.8) and Boatyard Drive (PM 60.0). This wall would range from 3'4" to 6 feet at its highest point near SR 20 and would reduce in height moving north. It would be approximately 780 feet long x 1 foot wide with a concrete footing that would be 7 feet wide x 2 feet deep. Cable railing would be installed on top of the retaining wall.

The material of the wall would be concrete block with a splitface "stone cut" surface. Figure 1 provides a nearby example of a wall with the splitface concrete block material and same color of the proposed wall. Seven panels would be created on the face of the wall, using smooth faced block. The purpose of these panels is to allow for future art installations. Panels would be 2'8" x 6'8" and 3'4" x 8'0" and spaced 50 feet apart (Attachment 1–Retaining Wall 1 Detail and Elevation). Figure 2 shows an example of the smooth face blocks and splitface "stone cut" surface used together on the same wall face.

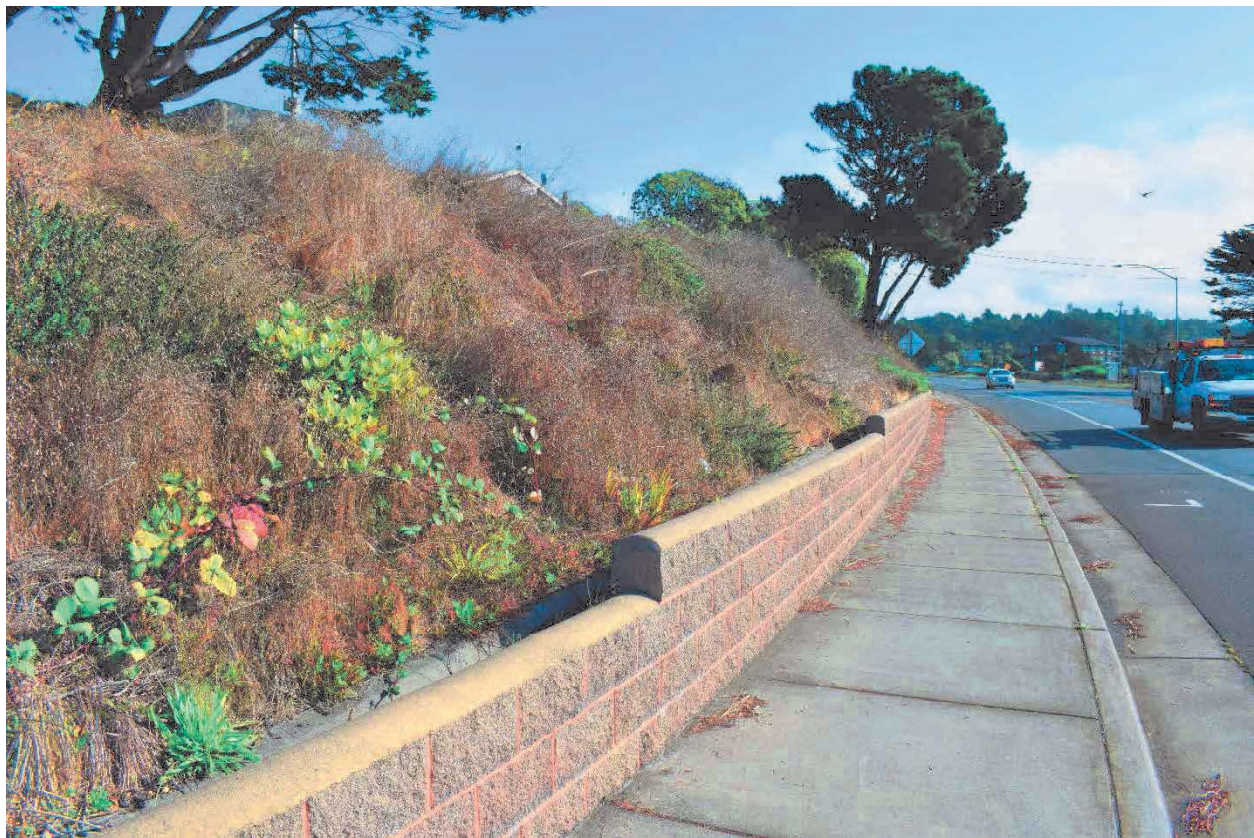


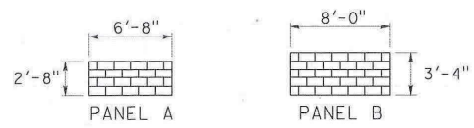
Figure 1. Photo of existing retaining wall on SR 20 near the intersection with SR 1, adjacent to the southern end of the proposed project



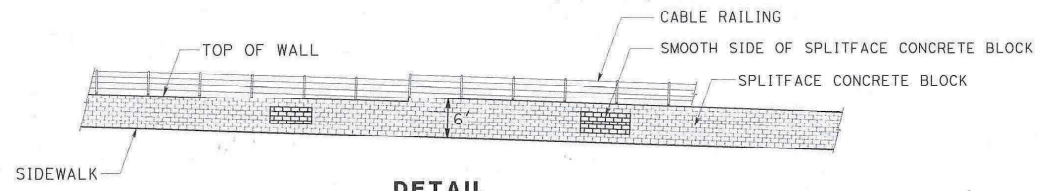
Figure 2. Example showing both smooth and splitface concrete blocks

Proposed Retaining Wall #2 would be located at the intersection of SR 1 and Spruce Street, from PM 61.9 to PM 62.0. The proposed wall would be 128 feet long x 4 feet high x 1 foot wide with a concrete footing that would be 4 feet wide and 2 feet deep. The maximum depth of excavation is estimated to be 3 feet from the finished grade. Cable railing would be installed on top of the retaining wall. This wall would also match the wall shown in Figure 1 in color and material and would have the splitface “stone cut” surface. Attachment 2, page 1 provides a Construction Detail for the cable railing, shown on the Revised Standard Plan RSP B11-47 in the far right of the figure as "Retaining Wall (with Gutter)". A construction detail of the existing and proposed wall type is show on Attachment 2, page 2.

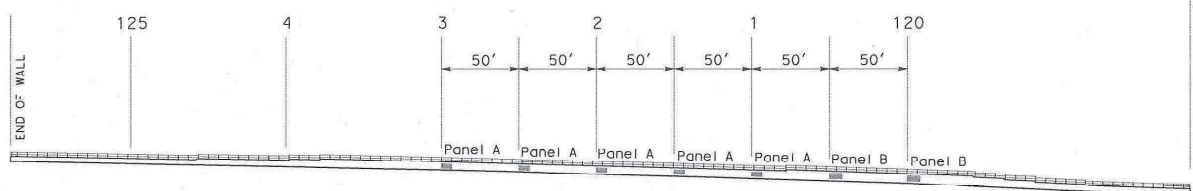
Attachment 1. Retaining Wall 1 Detail and Elevation



PANELS FOR ART
 NO SCALE



DETAIL
 NO SCALE



ELEVATION
 SCALE: Horiz 1"=100'
 Ver 1"=100'

**WALL AT BOATYARD SHOPPING CENTER
 SMOOTH CONCRETE BLOCK LOCATIONS FOR ART**

INTERSECTION OF HWYS 1 and 20