BROWN CONSULTING

SECTION 06-00082-00-BT
RETAINING WALL AND BICYCLE RAILING

TO THE THE THE SECTION OF THE SECTION OF THE THE SECTION OF THE SEC

Drawn By: Checked By. GSS MWR Revisions

Revisions n Date By

Scale: Field Bk AS SHOWN Job Number: Date: 05-138 10/08

> 6 of 115

WALL BATTER 6 6 2

SRW GRAVITY WALL SECTION

APPROACH BRIDGE RAILING DETAIL

NO SCALE

	RAILING TO BE SAME AS BRIDGE RAILING	
1,-6"	PROPOSED BIKE PATH	PROPOSED BICYCLE PATH PROPOSED BRIDGE PROPOSED RAILING TYPICAL @ EACH BRIDGE CORNER

POST SET IN CONCRETE

SWR WALL SECTION DIMENSIONS A 12' MINIMUM, GREATER IF REQUIRED BY THE RETAINING WALL ENGINEER B 6' MINIMUM, GREATER IF REQUIRED BY THE RETAINING WALL ENGINEER C 6' MINIMUM, GREATER IF REQUIRED BY THE RETAINING WALL ENGINEER WHICHEVER IS GREATER: 24' OR THAT SPECIFIED BY THE RETAINING WALL ENGINEER WALL BATTER AS REQUIRED BY THE RETAINING WALL ENGINEER

WALL SECTION NOTES:

- 1) CONCRETE SRW UNITS.
- 2 SRW UNIT DRAINAGE SYSTEM SHALL CONSIST OF DRAINAGE FILL ENTIRELY WRAPPED IN FILTER FABRIC AND A 4" PERFORATED PIPE AS SHOWN.
- 3 LAP FILTER FABRIC FIRMLY AGAINST SRW UNITS AND 6" ABOVE THE DRAINAGE FILL.
- THE DRAINAGE DETAILS ARE MINIMUM REQUIREMENTS. THE RETAINING WALL ENGINEER SHALL APPROVE THE USE OF THESE MINIMUMS, OR SHALL SPECIFY DRAINAGE OF GREATER EXTENT AND CAPACITY, OR SPECIFY ITEMS IN ADDITION TO THE MINIMUMS SUCH AS DRAINAGE GEO. COMPOSITES BEHIND THE REINFORCED BACKFILL. MSE WALL DRAINAGE ALTERNATIVES MAY BE OMITTED FROM MSE WALLS WHEN THE REINFORCED BACKFILL IS DRAINAGE FILL, IS ENTIRELY WRAPPED IN FILTER FABRIC, AND CONTAINS A 4' PERFORATED DRAIN PIPE.
- (5) COMPACTED EMBANKMENT, WHERE SPECIFIED BY THE RETAINING WALL ENGINEER.
- (6) EXCAVATION LIMITS.
- (7) EXISTING EMBANKMENT.
- (8) FOUNDATION SOIL
- 9 LEVELING PAD.
- 10) ALL VOIDS IN OR BETWEEN SRW UNITS SHALL BE FILLED WITH DRAINAGE BACKFILL MATERIAL:
- DRAIN PIPES SHALL BE SLOPED 1/8' PER FOOT MINIMUM AND SHALL BE DISCHARGED EVERY 100 FEET MAXIMUM AT LOW POINTS ALONG THE TOE OF THE WALL.