

NOTE: THE UNDERDRAIN OUTFALL SHALL BE DEFINED WITH A 5" "U" CHANNEL POST DRIVEN 3' INTO THE GROUND -- ATTACH RODENT GUARD TO PIPE 2'-0" AHEAD OF OUTLET @ 4 LOCATIONS USING STAINLESS STEEL HARDWARE (4" METAL SCREWS OR NUT & BOLT) — ½" SQUARE GALV OR STAINLESS STEEL MESH UNDERDRAIN PIPE -ANNULAR RING (1" WIDE W/ FOUR ½"ø HOLES AT EQUAL SPACING) (PIPE OD + ¼"±) UNDERDRAIN OUTFALLS AND RODENT GUARD FOR EXPOSED PIPE OUTLETS

BASIS OF DESIGN FOR THE BAYSIDE TRAIL RECONSTRUCTION BEHIND midtown Two

AASHTO Standards Which Must Be Met:

The minimum width of the shoulder adjacent to a multiuse path must be 5 feet before a vertical drop or rise is permitted (5'-1/2" provided).

Railings and other obstructions need to have a 2 foot setback from the edge of the trail (no obstructions).

The trail cross slope is 2% (see detail sections).

The grade from the edge of the trail should not exceed 6% for a distance of 5'-0" (slope varies from 0% to 6%).

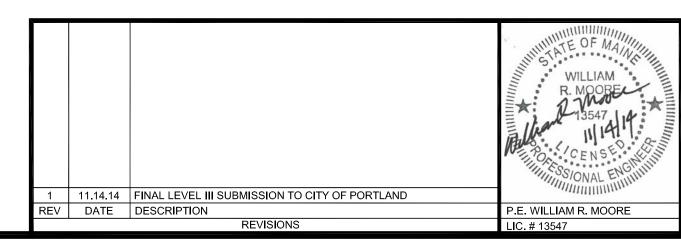
New Cross Sections:

Two cross sections are shown. One is at the sags along the trail; the other is at the crests (i.e. 41 feet apart).

Inlets are required along the top of the wall to intercept drainage.

Temporary Construction Easement to be granted by Abutter.

Option 1 or 2 shall be selected by abutting property owner.



midtown PORTLAND, MAINE

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BAYSIDE TRAIL RETAINING WALL **DETAILS AND ABUTTER OPTIONS** THE FEDERATED COMPANIES

DRAWN: KEW DATE: OCTOBER 2014 SCALE: AS NOTED DESIGNED: WGH/BEK CHECKED: WGH/SRB JOB NO. SP-M037B FILE NAME: 3062-RET WALL OPTIONS C-7.12 SHEET

PRELIMINARY - NOT FOR CONSTRUCTION