



BASIS OF DESIGN FOR THE BAYSIDE TRAIL RECONSTRUCTION BEHIND midtownTwo

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.

PRELIMINARY - NOT FOR CONSTRUCTION

			PROJECT midtown PORTLAND, MAINE		FAY, SPOFFORD & THORNDIKE ENGINEERS · PLANNERS · SCIENTISTS 778 MAIN ST, SUITE 8, SOUTH PORTLAND, ME 04106	
SHEET TITLE BAYSIDE TRAIL RETAINING WALL DETAILS AND ABUTTER OPTIONS			DRAWN: KEW DATE: OCTOBER 2014 DESIGNED: WGH/BEK SCALE: AS NOTED CHECKED: WGH/SRB JOB NO. SP-M037B FILE NAME: 3062-RET WALL OPTIONS			
CLIENT THE FEDERATED COMPANIES			SHEET C-7.12			
1	11.14.14	FINAL LEVEL III SUBMISSION TO CITY OF PORTLAND	P.E. WILLIAM R. MOORE LIC. # 113547			
REV	DATE	DESCRIPTION	REVISIONS			