

HIGHWAY RETAINING WALLS

The T-WALL® Solution

Engineering

From design through construction, put our years of retaining wall experience to work for you. Our *Design Guide & Technical Information* booklet is available upon request.

Reduced Excavation

When compared to soil reinforced retaining wall systems, T-WALL's shorter base width saves on excavation and reduces the right-of-way required for construction.

Select Backfill Savings

Shorter stem lengths decrease the amount of select backfill. The all concrete system eliminates soil chemistry/corrosion concerns and permits the use of economical backfills.

Structural Options

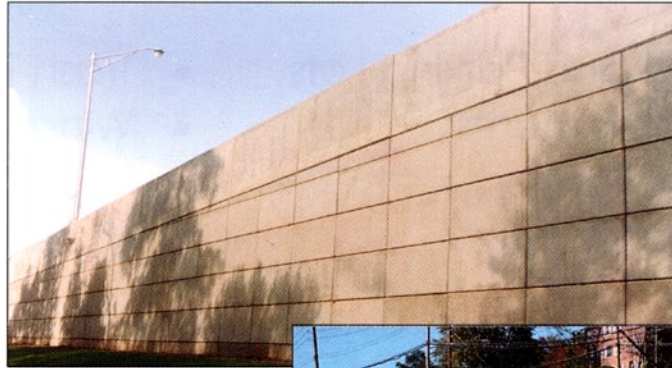
T-WALL can easily accommodate top-of-wall structures such as: traffic barriers, guardrails, fences, sidewalks, and ditches. Drainage structures are located between the stems and modified units allow pipes to pass through the walls.

Construction

T-WALL units weigh less than 2000 lbs. and are easy to install. Inexperienced crews can erect a wall quickly and accurately, with minimal instruction. Equipment requirements are basic and often on-site for other purposes.

Locally Produced

T-WALL units are manufactured by licensed precast producers throughout the U.S. and Canada.



Garden State Parkway
Iselin, NJ



Route 119
Tarrytown, NY



Queen City Avenue
Cincinnati, OH

Professional Services

- provided by licensed producers:
- Preliminary design and cost estimates.
 - Drawings and specifications by a Professional Engineer.
 - Factory manufactured components.
 - On-site construction assistance.

Shorter base width means savings in right-of-way, excavation, and select backfill.

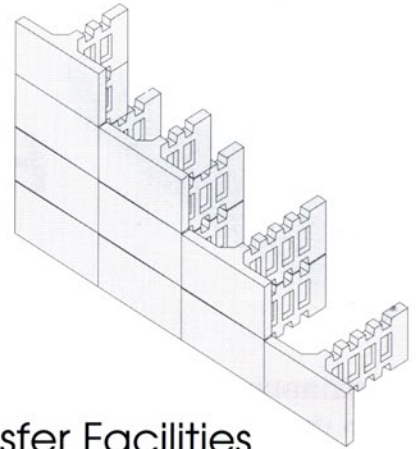


THE NEEL COMPANY
Engineered Precast Products

8328-D Traford Lane ♦ Springfield, VA 22152
703-913-7858 ♦ FAX 703-913-7859

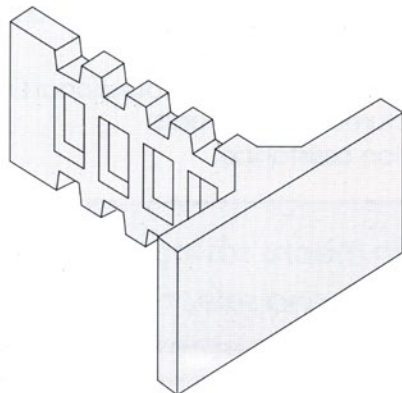
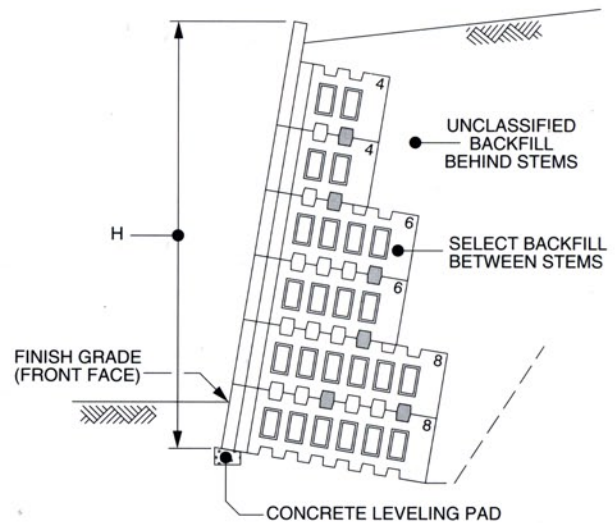
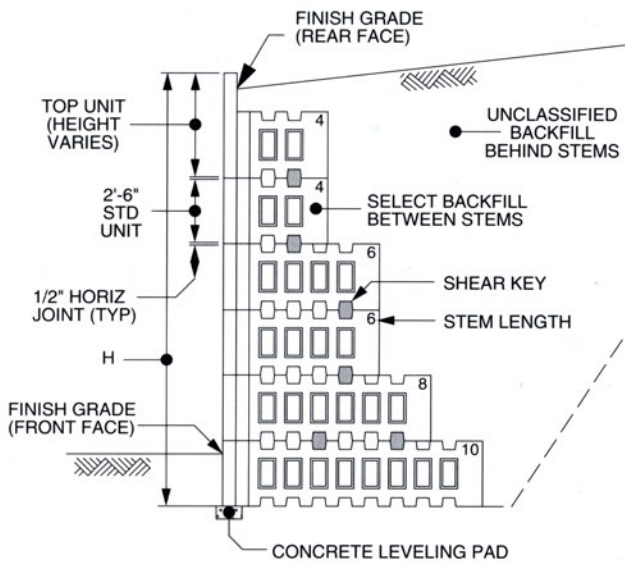
T-WALL®

the retaining wall system that's not just for walls...



- Highways and Parking Lots
- Site Improvements
- Bank Stabilization
- Truck Dumps
- Trash Transfer Facilities
- Wing Walls
- Railroads
- Waterway Improvements

TYPICAL T-WALL SECTIONS



STANDARD T-WALL UNIT

VERTICAL WALLS - LEVEL EMBANKMENT											
course	distance from top of wall (ft)	WALL HEIGHT (ft)									
		7.5	10.0	12.5	15.0	17.5	20.0	22.5	25.0	27.5	
STEM LENGTHS											
1	2.5	4	4	4	4	4	4	4	4	4	
2	5.0	4	4	4	4	4	4	4	4	4	
3	7.5	6	6	6	6	6	6	6	6	6	
4	10.0		6	6	6	6	6	6	6	6	
5	12.5			8	8	8	8	8	8	8	
6	15.0				10	10	10	10	10	10	
7	17.5					10	10	10	10	10	
8	20.0						12	12	12	12	
9	22.5							14	12	12	
10	25.0								14	14	
11	27.5									16	