



"Commitment To Safety & Service"  
Since 1973

## Product Guide

**SERVICE**

**RENTAL**

**SALES**

**TRAINING**

Your toughest jobs demand experienced professionals, backed by the largest inventory. Trench Shoring Company will be there to service your most challenging job requirements.

**[TrenchShoring.com](http://TrenchShoring.com)**





A 60' x 60' x 19' deep Criss Cross re-brace SBH Slide Rail System with tie back kit is used at a new ground up Costco® fuel facility installation of three 30,000 gallon and one 20,000 gallon underground fuel tanks in one pit.

Santa Maria, CA

**Trench Tops™ (Trench Plates)      SBH Slide Rail System      Speed Shore® High Clearance Shores      Flex Shield™ Trench Box**







# “Commitment To Safety And Service” Since 1973

## Take it from the Top

Trench Shoring Company provides the construction industry with the finest in shoring equipment and service starting with consultation before you begin excavation. Whether it's a small utility trench or a 10-mile sewer line, Trench Shoring Company has in stock, or will custom design, the required equipment to help you get the job done—quickly and efficiently. Trench Shoring Company's own Flex-Shield™ trench boxes, unique Z-Shore™ and Slide Rail systems, plus a variety of shoring materials and related supplies, all are available for rental or purchase.

## There's Safety in Numbers

Trench Shoring Company has the largest inventory of shoring equipment in the area, all tested for dependability and built to meet or exceed CAL-O.S.H.A. requirements. Combine that with our full-time service department and you're assured the least possible down time on the job.

## Are You Draining Away Man-Hours?

Trench Shoring Company offers same-day service to Southern California and the Las Vegas area, saving you time and money on the job. Our radio-dispatched boom trucks deliver your equipment to the job site. Our operators do all the loading and unloading, as well as set-up, so you don't have to tie up workers or machinery.

## NUCA Competent Person Training

Trench Shoring Company provides competent person training seminars. The seminars cover CAL-O.S.H.A. Title 8, section 1540 through 1541.1 requirements pertaining to excavations, trenching and sloping techniques, productive systems and soils classification with an introduction to confined space safety.

## NUCA Confined Space Entry Training

The Confined Space Entry Training Seminar now includes the new upgraded California and Federal standards for Confined Spaces in Construction.

- Cal OSHA Title 8, Chapter 4, Article 37, 1950–1962
- Fed OSHA 29 cfr 1926 AA 1201–1213

It is intended to provide managers, foremen, competent persons, and workers with basic information regarding entry into confined spaces. It's purpose is intended to create an awareness of the hazards associated with confined space entry, to help workers understand the procedures that must be followed when entering confined spaces, and to provide managers with basic information necessary to establish a confined space entry program.

### WARNING

TRENCHING AND EXCAVATING is dangerous. All equipment furnished by Trench Shoring Company is sold and rented without warranty, expressed or implied. Equipment furnished by Trench Shoring Company meets or exceeds CAL-O.S.H.A. requirements for Trench or Excavation protection. Refer to CAL-O.S.H.A. Title 8 Section 1540—1541.1 or contact Trench Shoring Company or your closest CAL-O.S.H.A. office should you have any questions regarding proper use of trench safety equipment.

### Z-Shore™ Hydraulic Shoring



### Ultra Shore™



### Tren-Shore



### TRACKCLEAN®







Trench Tops™ (Steel Plates)

Trench Tops

Cantilevered H-Beams & Plates

Cantilevered H-Beams & Plates





*Space Shuttle Endeavour crossing over Lincoln Blvd. just outside LAX. It was necessary to remove the center divider and then build a 50' wide ramp at less than 5% grade and then cover that ramp with 1" steel plates provided by Trench Shoring Company.*

*Los Angeles, CA*



© Bill Ingles/NASA

## Trench Tops™ (Trench Plates), H-Beams, Screw Jacks & Crossing Bridges

Trench Shoring Company has one of the largest inventories of Trench Tops (trench plates), trench crossing bridges, H-Beams and screw jacks in the area. Our inventory includes trench plates with non-skid surfaces which conform to updated city regulations and increase job site safety.

Delivery and pick-up by Trench Shoring Company's boom trucks makes the use of Trench Tops convenient and economical while your job proceeds efficiently. Our Trench Tops are available in twenty standard sizes with special sizes available upon request. For wider spans, the engineer-designed trench crossing bridge is available in a variety of sizes.

We deliver to your job site. If construction is your business, speed is ours.

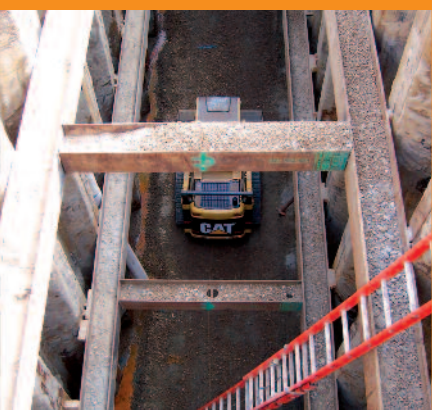
### Trench Tops—20 Standard Sizes

Size—1" Steel	Metric	Weight (Lbs.)
4' x 5'	1.22 x 1.52	820
4' x 6'	1.22 x 1.83	984
4' x 8'	1.22 x 2.44	1,312
4' x 10'	1.22 x 3.05	1,640
5' x 8'	1.52 x 2.44	1,640
6' x 8'	1.83 x 2.44	1,968
5' x 10'	1.52 x 3.05	2,045
6' x 10'	1.83 x 3.05	2,460
8' x 10'	2.44 x 3.05	3,280
6' x 12'	1.83 x 3.66	2,952
8' x 12'	2.44 x 3.66	3,936
8' x 15'	2.44 x 4.57	4,920
8' x 20'	2.44 x 6.10	6,560
<b>Size—1-1/4" Steel</b>		
8' x 10'	2.44 x 3.05	4,100
<b>Size—1-1/2" Steel</b>		
6' x 10'	1.83 x 3.05	3,690
6' x 12'	1.83 x 3.66	4,428
8' x 10'	2.44 x 3.05	4,800
8' x 12'	2.44 x 3.66	5,904
8' x 15'	2.44 x 4.57	7,380
8' x 20'	2.44 x 6.10	9,840

#### WARNING

Trench plates (Trench Tops) change the character of the roadway. Proper care and advance signage is recommended when trench plates (Trench Tops) are in use. Wet conditions enhance the changes in the roadway.  
**"SLIPPERY WHEN WET"**

**H-Beams with Sheet Pile**



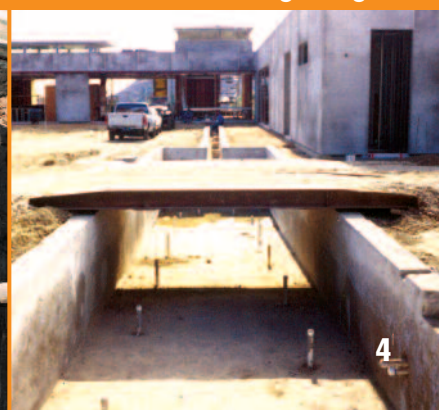
**H-Beams & Shoring Plates**



**Screw Jacks & Shoring Plates**



**10' x 20' Crossing Bridge**







Slide Rail 4-Sided Pit w/Utility Panels

Slide Rail Bore Pit

Slide Rail Extended 4-Sided Pit

Slide Rail Tie Back







**SBH** Authorized Distributor

with Tanks **SBH Hydralifter**



## SBH Slide Rail Rolling Strut System

- Widest Widths
- Strongest Rails
- Longer Panels
- Maximum Clearances

The Slide Rail system is a vertical sheeting and trench support system. It is used to replace the conventional application of wood or steel sheeting. In using the system, the excavation may be shored from ground level to subgrade without soil movement.

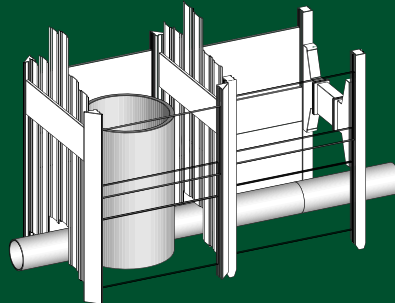
It is a highly effective system in areas having unfavorable ground conditions or where an existing underground infrastructure would pose difficulties in trench support.

By using the modular slide rail system either with side panel lining plates or in-line sheeting templates, the system will accommodate a variety of job site requirements.

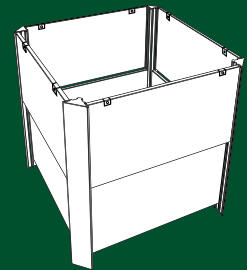
There is an added benefit to the contractor, in that a significant savings in labor and materials will be realized.

## Slide Rail Advantages

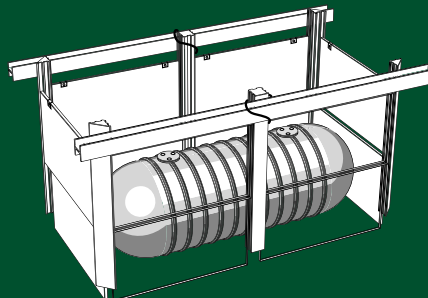
- Provides safety while excavating
- Tight sheeting without soil movement
- Vibration free, no damage to adjacent structures
- Saves money: Less material cost than conventional sheeting, finish in a third of the time using half of the labor
- Engineered to meet O.S.H.A.



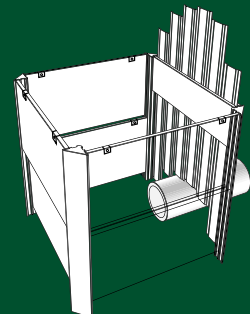
Tight sheeting system with Rolling Struts



Small rectangular pit closed all four sides



Two bay sheeted pit—rebraced



Small rectangular pit with sheeting on one (or both) ends

## SBH Hydralifter... Less Vibration, Less Noise

The Hydralifter is a hydraulic panel, post, and steel plate extractor. It is used to break free the inner base and top plates that are used in Slide Rail shoring. The Hydralifter is mounted to an excavator's hydraulic lines and is placed on top of outer panel rigging. The Hydralifter safely and gently removes plates without the use of heavy excavators leading to: safety on the site; less equipment damage; less vibration and noise; saving of time and costs.





*Poured in place box culvert 12'wide x 6'tall ID using 20' wide x 10' tall trench boxes end to end on the edge of Hwy. 118 Moorpark, CA*



**Flex Shield™ Trench Box**

**High Clearance Trench Box**

**Flex Shield™ Trench Box**

**Flex Shield™ Trench Box**





## Flex-Shield™ Trench Boxes & Z-Shore™ Manufactured By Trench Shoring Company

Are all trench boxes created equal? Hardly. Other manufacturers' trench boxes are built with straight sidewalls that bow in under pressure when they are in the ground, making them almost impossible to pull.

Trench Shoring Company's unique Flex-Shield trench boxes are the only ones with a mid-section camber, making the box inches wider in the middle. When Flex-Shield is in the ground and under pressure, its sidewalls become straight. The result: ease of movement on those deep, tight, hard-pulling jobs. The Flex-Shield actually feels self-propelled as it flexes!

**Narrow Sidewalls:** Flex-Shields are constructed with the narrowest possible sidewalls, so less soil has to be excavated and there is less backfill and compaction.

**Lightweight but Strong:** Flex-Shields are built to give the highest pounds per square foot (PSF) for use in the deepest trenches.

**Blunt Edges for Flexibility:** By eliminating the knife edge found on the bottom of many trench boxes, the Flex-Shield can be used in any configuration when stacked in deep trenches.

**Engineered to Work for You:** Both standard and custom Flex-Shields are designed by a Registered Civil Engineer in conjunction with Trench Shoring Company specialists.

### Manhole Boxes

Trench Shoring Company Manhole Boxes provide four wall protection for the ultimate in worker safety. Specially built for manhole installations, tie-ins and repair work, manhole boxes provide the flexibility you need with the protection O.S.H.A. requires.

### Dual Pack Shores

Trench Shoring Company Dual pack shores are a shoring system that is able to use a variety of materials such as: Wood timbers, Fin Form/CDX plywood, or steel overlap sheeting, or 1" steel plates. Capabilities include: Direct placement on soil, steel beams as a fixed strut replacement, or end loading up to 14' wide. Used in compliance with the manufactures tabulated data, can prove to be a versatile and sure style of shoring protection.

### Z-Shore™ Hydraulic Ram Shoring

Z-Shore is Trench Shoring Company's own, specially designed answer to the problems of wider excavations. Z-Shore is built around a system of hydraulic rams and features a steel jacketed structure to withstand the rigors of heavy duty jobs. It goes into the trench in one piece for fast, easy installation.

Z-Shore can be mounted on timbers of varying thickness, or even steel beams to meet your structural needs in the space allowed. It fits trenches from 5' to 30' wide, of any depth, with a hydraulic stroke from 2' to 3'.

Manhole Box



Dual Pack Shores



Z-Shore™ V-Shore Configuration



Single Z-Shore™ with Plates



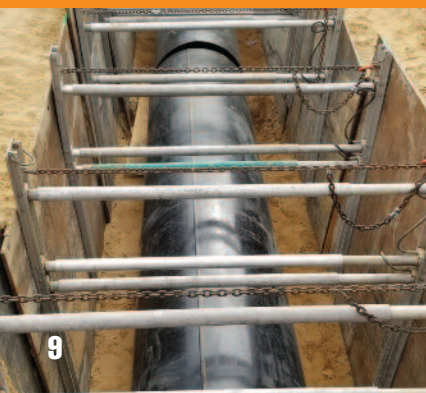


*Trench Shoring Company's manhole brace system used in a 4 sided configuration here 18' x 22' x 12'+deep using 1" steel plate sheeting allowing the maximum inside clearance with a lightweight versatile system that can be handled with a backhoe or mini excavator.*

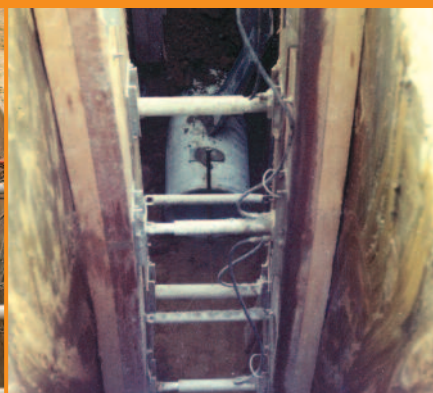
*LAX—Los Angeles, CA*



**Tren Shore**



**Multi-Shore**



**Steel Framed Aluminum Shield/APS**



**Ultra Shore**







## Manhole Brace Systems, Tren-Shore®, Multi Shore & Aluminum Shields

**Steel Framed, AEX Aluminum Framed, Modular Aluminum Panel/MAPS Ultra Shore™, Aluminum Hydraulic Shields & End Panels**

**Manhole Braces** are designed and engineered to work in 2 - and 4-sided applications up to 24' wide. The 3" Dual Action Manhole Brace is able to incorporate a variety of sheeting materials including: Steel Overlap Sheeting, plywood, steel trench plates, wood timber etc. making the system ideal for vaults, C.I.P. projects, pump stations and many more projects.

**Tren-Shore** is a lightweight aluminum shoring device developed for trenches and excavations. With its hydraulic system, Tren-Shore can be installed by a single worker as fast as the trench is cut, greatly reducing shoring time and cutting costs dramatically. Available in six standard heights, or as timber-mounted **Multi-Shores**, custom sized and ready to install to the full depth of your trench.

**Steel Framed Aluminum Trench Shields (APS)** have a rugged steel frame, creating a true aluminum-wall "drag box" at approximately half the weight of comparable steel trench shields.

**AEX Aluminum Trench Shields** are static walled aluminum trench shields that are less weight of comparable steel trench shields, while providing protection for a wide range of depths and projects.

**Modular Aluminum Panel Shields/MAPS** trench shield system is engineered for high strength, ultra-low weight, and ease of handling.

**Ultra Shore** trench shields are made of specially corrugated aluminum that gives protection in trenches up to 12 feet deep but weighs hundreds of pounds less than other shoring products.

**Aluminum Hydraulic Shields & End Shores** combine the benefits of aluminum hydraulic shoring with solid-wall security of a static shield.

## Bedding Boxes

Bedding Boxes virtually eliminate waste of expensive bedding material and maximize equipment efficiency at your jobsite.

## Flo-Line™

Our patented Flo-Line center line grade transfer instrument makes setting grade easy and extremely accurate. It is easily operated by one man and is used to maintain consistent line and grade.

## TRACKCLEAN®

Placed on haul roads just prior to entering paved streets, TRACKCLEAN's design dislodges dirt, mud, rocks and asphalt from the tire tread. TRACKCLEAN is a low cost, portable and maintenance-free vehicle tire cleaner that reduces tracking and broken windshields.

**AEX Aluminum Framed Shield**



**Modular Aluminum Panel/MAPS**



**Bedding Box**



**Flo-Line**







## "Commitment To Safety And Service" Since 1973

Providing same day service from our 11 locations to Southern California, Bakersfield, Fresno, the San Joaquin Valley, San Leandro and the Las Vegas areas

### Compton • Corporate Office

206 N. Central Ave. • Compton, CA 90220  
(800) 423-4411 • (310) 327-5554

[TrenchShoring.com](http://TrenchShoring.com)



"Commitment To Safety & Service"  
Since 1973

### Bakersfield

301 Lawson Rd. • Bakersfield, CA 93307  
(855) 509-5900 • (661) 396-9160

### Banning

1184 W. Lincoln St. • Banning, CA 92220  
(800) 221-2030 • (951) 849-1611

### Corona

325 N. Cota St. • Corona, CA 92880  
(800) 457-4646 • (951) 734-4290

### Fresno

88 N. Hughes Ave. • Fresno, CA 93706  
(866) 887-3909 • (559) 691-4123

### Fullerton

1400 E. Orangethorpe Ave. • Fullerton, CA 92831  
(800) 439-0987 • (714) 879-1005

### Lake Forest

20542 Pascal Way • Lake Forest, CA 92630  
(800) 714-7244 • (949) 454-0858

### Moorpark

13826 Princeton Ave. • Moorpark, CA 93021  
(800) 805-2258 • (805) 529-4614

### San Diego

9450 Dowdy Dr. • San Diego, CA 92126  
(800) 608-4422 • (858) 530-2500

### San Leandro

2371 Polvorosa Ave. • San Leandro, CA 94577  
510-900-0595

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4035 Flossmoor St. • Las Vegas, NV 89115  
(866) 319-2053 • (702) 651-0920