

SLIDE RAIL SYSTEMS

UNIVERSAL COMPONENT STEEL TRENCH SHIELDING SYSTEM

What is Slide Rail?

TrenchTech's Slide Rail is a component system comprised of steel panels and posts. It is commonly used as a cost-effective alternative to traditional driven close-sheeting. The universal system can be used in a variety of configurations to meet any shoring challenge, particularly in poor soil conditions or near adjacent structures.

Where is Slide Rail Used?

TrenchTech's Slide Rail can be custom-engineered to shore:

- Large & small vault installations
- Pump stations, lift stations & wet-wells
- Large tanks
- Footings and foundations
- Press pits inside buildings
- Long pipe joints
- Parallel water-mains
- Boring operations

How Is Slide Rail Used?

Slide Rail is installed simultaneously as the trench or pit is excavated by sliding the panels into rails on the posts and then pushing the panels and posts incrementally down to grade as the pit is dug; a process commonly referred to as a "dig and push" system. Slide Rail posts have either a double or triple rail which telescope panels to required depth.

Slide Rail Features:

- Reinforced top rails.
- Strongest post and panel connection in the industry.
- Thru-wall lifting lugs.
- Four-point lift system.
- Bolt-on collars for using SRS panels as standard trench shields (optional).
- Strongest knife edge in the industry.
- Plug welding.
- High strength mill certified steel.
- Professional Engineer design & depth certification.

Slide Rail Post Options:

- Single Corner Post (11 ft.)
- Double Corner Post (14, 18, 20, 24, 26 ft.)
- Triple Corner Post (28, 32 ft.)
- Double Linear Post (14, 18, 20, 22, 24, 26, 28 ft.)
- Triple Linear Post (28, 32 ft.)

SRS Sidewalls 5 in. Steel Double Wall Slide Rail Panels

Model (Ht. x Lg. x W)	Weight (Lbs.)	Shield Capacity (PSF)	Depth of Cut (Ft.) B	Soil Type C-60	Soil Type C-80
<i>4 ft. High Panels</i>					
SRUR-48-5	1,649	2,760	61	46	34
SRUR-410-5	2,010	2,760	61	46	34
SRUR-412-5	2,355	2,760	61	46	34
SRUR-414-5	2,726	2,760	61	46	34
SRUR-416-5	3,071	2,280	50	38	28
SRUR-418-5	3,480	1,800	40	30	22
SRUR-420-5	3,790	1,500	33	25	19
SRUR-422-5	4,900	1,380	31	23	18
SRUR-424-5	5,650	1,380	31	23	18
<i>8 ft. High Panels</i>					
SRUR-88-5	2,585	2,760	61	46	34
SRUR-810-5	3,282	2,520	56	42	31
SRUR-812-5	3,848	2,220	49	37	28
SRUR-814-5	4,237	2,460	55	41	31
SRUR-816-5	5,025	1,800	40	36	22
SRUR-818-5	6,120	1,680	37	28	21
SRUR-820-5	6,940	1,560	35	26	20
SRUR-820HD-5	7,690	1,800	40	30	22
SRUR-822-5	8,360	1,560	35	26	20
SRUR-822HD-5	10,286	1,800	40	30	22
SRUR-824-5	9,423	1,500	33	25	19
SRUR-824HD-5	11,421	1,800	40	30	22

Types of Slide Rail Systems:

CLEARSPAN



STANDARD 4-SIDED PIT



LINEAR MULTIPLE BAY



SHORE-TRAK



SLIDE RAIL SYSTEMS

STANDARD 3 - 4 SIDED PIT

UNIVERSAL COMPONENT STEEL TRENCH SHIELDING SYSTEM



Individual Slide Rail components offer the option of using lighter equipment when installing the system. The cost of rental and installation of the system is approximately 50 percent of steel sheeting.

- Installation and required excavation are completed together, saving time and reducing cost.
- Wall to wall working space is greater.
- Minimal vibration to adjacent buildings and surrounding structures.



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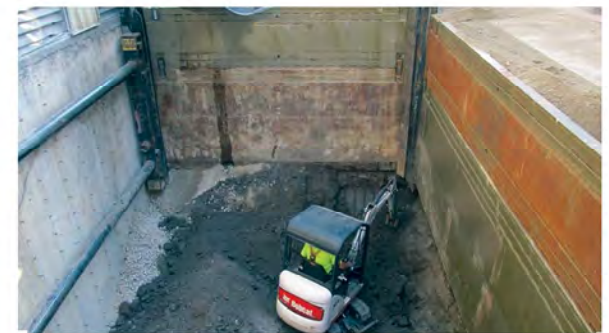
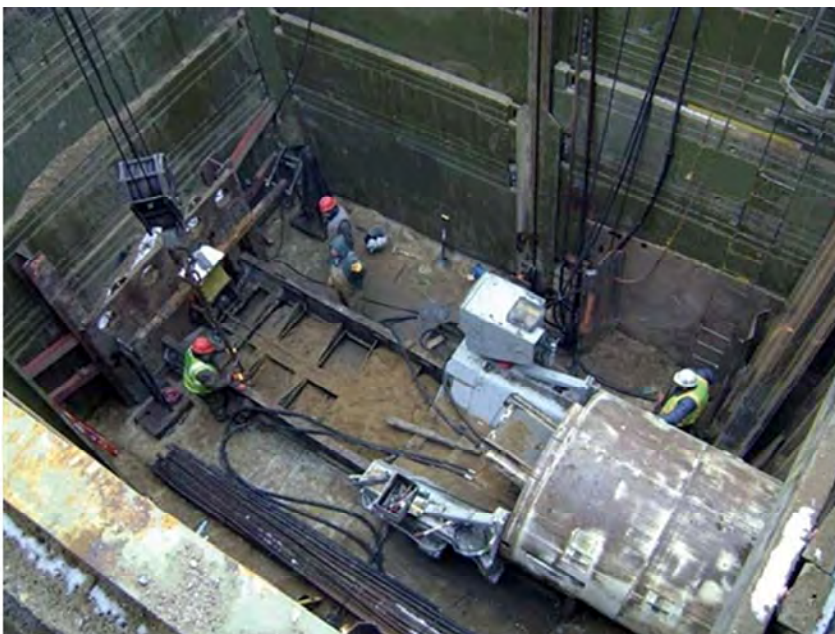
SLIDE RAIL SYSTEMS

4-SIDED PIT SHOWCASE

UNIVERSAL COMPONENT STEEL TRENCH SHIELDING SYSTEM



4-SIDED PIT SLIDERAIL



SLIDE RAIL SYSTEMS

4-SIDED PIT SHOWCASE

UNIVERSAL COMPONENT STEEL TRENCH SHIELDING SYSTEM



SLIDE RAIL SYSTEMS

CLEARSPAN

UNIVERSAL COMPONENT STEEL TRENCH SHIELDING SYSTEM



The ClearSpan™ System incorporates special walers for larger unobstructed four-sided working pits for site specific jobs.

- Minimal vibration to adjacent buildings and surrounding structures.
- Provides a large unobstructed working area.
- Cost effective compared to steel sheeting and other methods.
- Heavy duty panels provide minimal deflection.



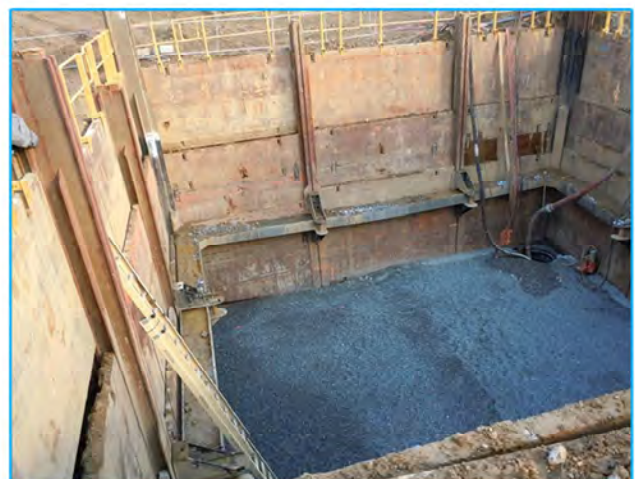
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CLEARSPAN SHOWCASE

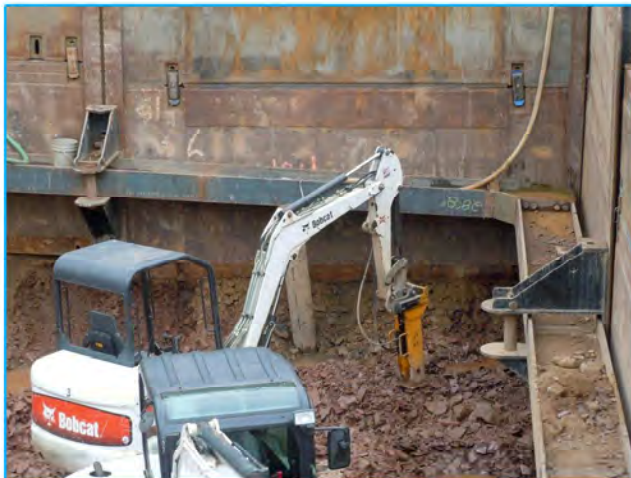
UNIVERSAL COMPONENT STEEL TRENCH SHIELDING SYSTEM



SLIDE RAIL SYSTEMS

CLEARSPAN SHOWCASE

UNIVERSAL COMPONENT STEEL TRENCH SHIELDING SYSTEM



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CLEARSPAN SHOWCASE

UNIVERSAL COMPONENT STEEL TRENCH SHIELDING SYSTEM



SLIDE RAIL SYSTEMS

LINEAR MULTIPLE BAY SYSTEM

UNIVERSAL COMPONENT STEEL TRENCH SHIELDING SYSTEM

This configuration is ideal when installing next to existing utilities and structures. Longer pipe may be installed by raising or removing the parallel beam spreader assembly.

- Innovative parallel beams eliminate post deflection during installation and removal. The roller design facilitates the vertical movement of the integrated beam and spreader unit.
- The parallel beam can be used with spreaders or arches.



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LINEAR MULTIPLE BAY SHOWCASE

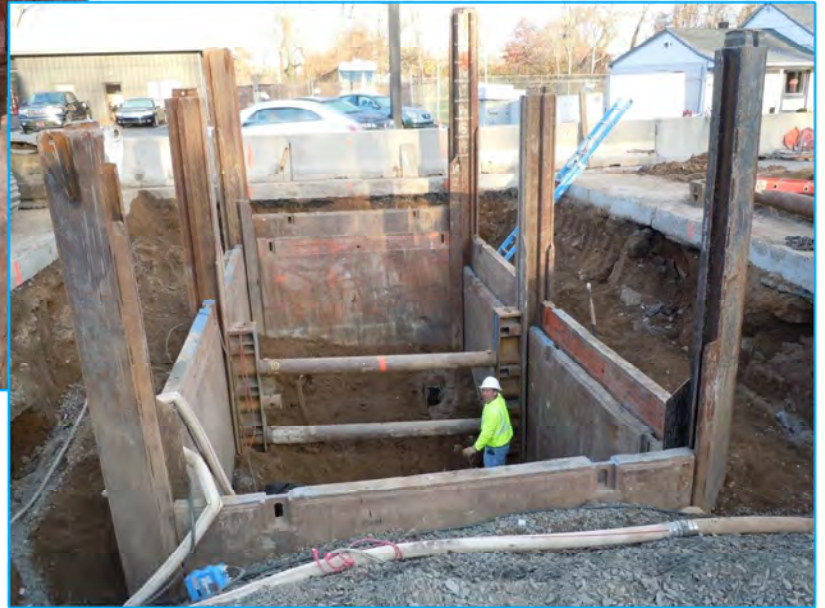
UNIVERSAL COMPONENT STEEL TRENCH SHIELDING SYSTEM



SLIDE RAIL SYSTEMS

LINEAR MULTIPLE BAY SHOWCASE

UNIVERSAL COMPONENT STEEL TRENCH SHIELDING SYSTEM



SLIDE RAIL SYSTEMS

SHEETING GUIDE FRAME

UNIVERSAL COMPONENT STEEL TRENCH SHIELDING SYSTEM



USES:

Shore-Trak™ Sheeting Guide Frame System is ideal for inner city excavations where existing utilities and other obstructions may cross the trench. The system includes steel sheeting guide frames which allow interlocking KD-6, or KD-750 sheeting to slide down through the frame before they touch the existing cross trench utility.

FEATURES:

- Guide frame lengths - 8 to 24 ft.
- Four-point lift system.
- Plug welding.
- High strength mill certified steel.
- Professional Engineer design and depth certification.

OPTIONS:

- Available for KD-6 or KD-750 Sheeting, 8 to 20 ft. lengths
- Can be used in combination with Slide Rail pit, ClearSpan™, or Linear or 4-sided Multi-Bay applications.
- Custom paint.
- Adjustable widths.
- Can be used with 8" schedule 80 spreaders



Guide Frame Tight to Excavation



Sheeting around Bore Casing



Sheeting Guide Frame/SRS Combo



4-Sided Pit with Sheeting Guide Frame



Shore-Trak™ Sheeting Guide Frame

Model (Ft.) (Lg.)	Description	Weight (Lbs.)
SRUR-SFRAME-12	12' Sheeting Frame	4,580
SRUR-SFRAME-14	14' Sheeting Frame	5,180
SRUR-SFRAME-16	16' Sheeting Frame	5,730
SRUR-SFRAME-18	18' Sheeting Frame	6,230
SRUR-SFRAME-20	20' Sheeting Frame	6,910
SRUR-SFRAME-24	24' Sheeting Frame	9,120

Sheeting

Model	Description (Lg.)	Weight (Lbs.)
10962	8' Long KD-6 Sheeting	580
10963	12' Long KD-6 Sheeting	668
10969	20' Long KD-6 Sheeting	775
10993	12' Long KD-750 Sheeting	884
10995	14' Long KD-750 Sheeting	985
10997	18' Long KD-750 Sheeting	1,080
10999	20' Long KD-750 Sheeting	1,198

SLIDE RAIL SYSTEMS

SLIDERAIL - SHORE-TRAK™ COMBINATION

UNIVERSAL COMPONENT STEEL TRENCH SHIELDING SYSTEM

The industry's only pre-fabricated, pre-engineered cross-trench utility shielding system, TrenchTech's innovative Slide Rail and Shore-Trak™ combination system allows for shielding around existing utilities while providing excellent protection for pipe installation crews.

- Shore-Trak™ guide frames connect to Slide Rail posts where utilities are located.
- Both systems can be used independently.
- Can be used in a pit, ClearSpan™, or Linear or 4-sided Multi-Bay application.

FEATURES:

- Guide frame lengths - 8 to 24 ft.
- Panel lengths - 8 to 24 ft.
- Panel widths - 24 in.
- Foam filler (panels).
- Four-point lift system.
- Vertical adjustment pins.
- Plug welding.
- High strength mill certified steel.
- Professional Engineer design and depth certification.



4-Sided Pit with Shore-Trak™



Shore-Trak™ with ClearSpan™



4-Sided Pit with Shore-Trak™



Shore-Trak™ in Linear Multi-Bay

OPTIONS:

- Interlocking panels.
- Custom paint.
- Adjustable widths.
- Spreader collars on guide frames for use with 8" schedule 80 spreaders.



Shore-Trak™ Guide Frame & Waler

Model (Ft.) (Lg.)	Description	Weight (Lbs.)
STWG-8	8' Waler & Guide Frame	2,500
STWG-12	12' Waler & Guide Frame	3,600
STWG-16	16' Waler & Guide Frame	4,800
STWG-20	20' Waler & Guide Frame	6,000
STWG-24	24' Waler & Guide Frame	7,200

Shore-Trak™ Walers

Model (Ft.) (Lg.)	Description	Weight (Lbs.)
STW-12	12' Waler	2,008
STW-16	16' Waler	2,624
STW-20	20' Waler	3,680
STW-24	24' Waler	5,536

Shore-Trak™ Panels 6 in. Double Wall

Model (Ft.) (W. x Lg.)	Description	Weight (Lbs.)
STP-2X10-IL	2' x 10' Interlocking Panel	825
STP-2X15-IL	2' x 15' Interlocking Panel	1,290
STP-2X20-IL	2' x 20' Interlocking Panel	1,633
STP-2X30-IL	2' x 30' Interlocking Panel	2,500

SLIDE RAIL SYSTEMS

SHOWCASE

UNIVERSAL COMPONENT STEEL TRENCH SHIELDING SYSTEM



ClearSpan



ClearSpan



ClearSpan



ClearSpan



ClearSpan



Multiple Bay



4-Sided Pit



3-Sided Multiple Bay