



MANHOLE BOX

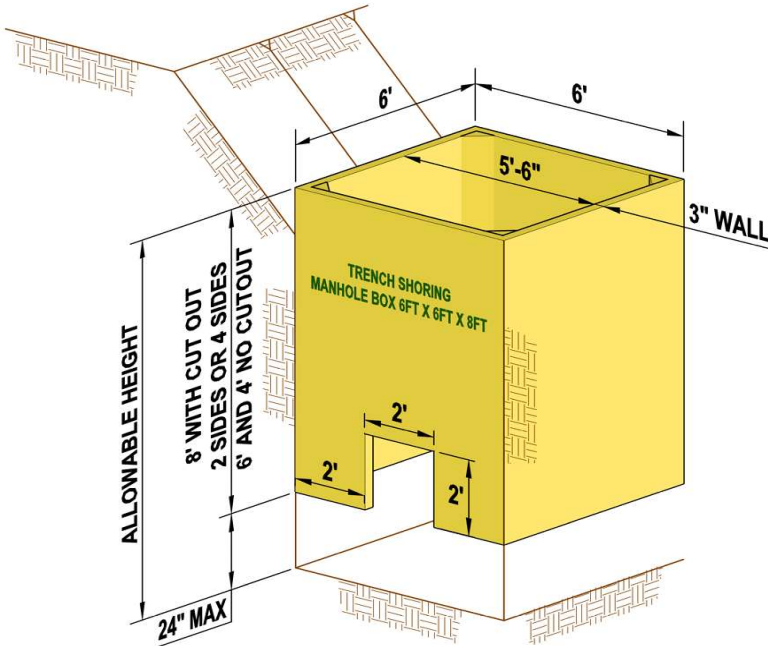
6'x6'x8',6',4'

TABULATED DATA

MANUFACTURER :
Trench Shoring Company
 206 N. Central Ave.
 Compton, CA 90200

SHIELD SPECIFICATIONS

Model Number :	TS 1850	Shield Rating :	2000 psf	TABULATED DATA	
Height :	8, 6, 4 ft	Wall Thickness :	3 in	Shield Weights:	Type (lbs)
Length :	6 x 6 ft	Document Date :	2/11/2026		6x6x8 3,740
					6x6x6 2,940
					6x6x4 2,140



SOIL TYPE	DEPTH RATING
A-25	30 ft
B-45	30 ft
C-60	30 ft
C-80	25 ft

Engineers Stamp:



Tab Data Engineer:
 OC Structural Solutions, Inc
 Phone: (949) 207-9244
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NOTES & LIMITATIONS

- 1) This document has been prepared by a Registered Professional Engineer, as required by OSHA standard 29 CFR, Part 1926, Subpart P. Shields must be used in strict compliance with all applicable OSHA guidelines.
- 2) Soils shall be classified by a Competent Person as type A, B, C, as defined by OSHA regulations.
- 3) Shields shall be inspected prior to each use, to ensure they are in good condition and free of damage and visual defects.
- 4) This tabulated data and manhole box shield shall be implemented and used by a competent person that has had instruction and experience in the field with this type of shoring application.
- 5) Manhole box may be installed flush to top of excavation, unless placed within a sloped excavation condition.
- 6) Excavations using a combined slope and shield shall be sloped in accordance with OSHA Subpart P and must extend to no less than 18" below the top of the shoring shield. Combined slope and shielded excavations over 20 ft deep must be designed by a registered engineer.
- 7) If water is present, dewatering is required to the bottom of the excavation.
- 8) The sides of the excavation shall be within 12" of sides of the shield. Fill greater gaps with excavated soil or crushed rock.
- 9) The walls of the shoring shields shall be set plumb.
- 10) Manhole boxes may be stacked in upright or inverted positions provided pins are used to limit lateral movement, minimum of 2 pins, one at each opposite corner.
- 11) The shoring shield is designed for a 72 psf surcharge load, competent person shall determine proper setback for surface loads. Protection of existing facilities or surrounding structures utilizing this equipment shall be determined by an experienced person or engineer.
- 12) Shoring shields may be set a maximum of 2 ft from the bottom of the excavation. Lower to base of excavation if sloughing occurs.
- 13) Workers shall enter, exit, and work inside the shield. Workers shall not be exposed to unshored portions of an excavation.
- 14) Shoring shields shall be properly rigged to lift the shield weight and any other forces that may develop when setting and pulling the shield. Stacked box rigging harnesses shall be released from outside the excavation.

This Manufacturer's Tabulated Data is a general set of guidelines and tables to assist the **Competent Person** in selecting a safety system and the proper shoring or shielding equipment. The **Competent Person has** the sole responsibility for job site safety and the **proper selection and installation and removal of the shoring or shielding equipment.**