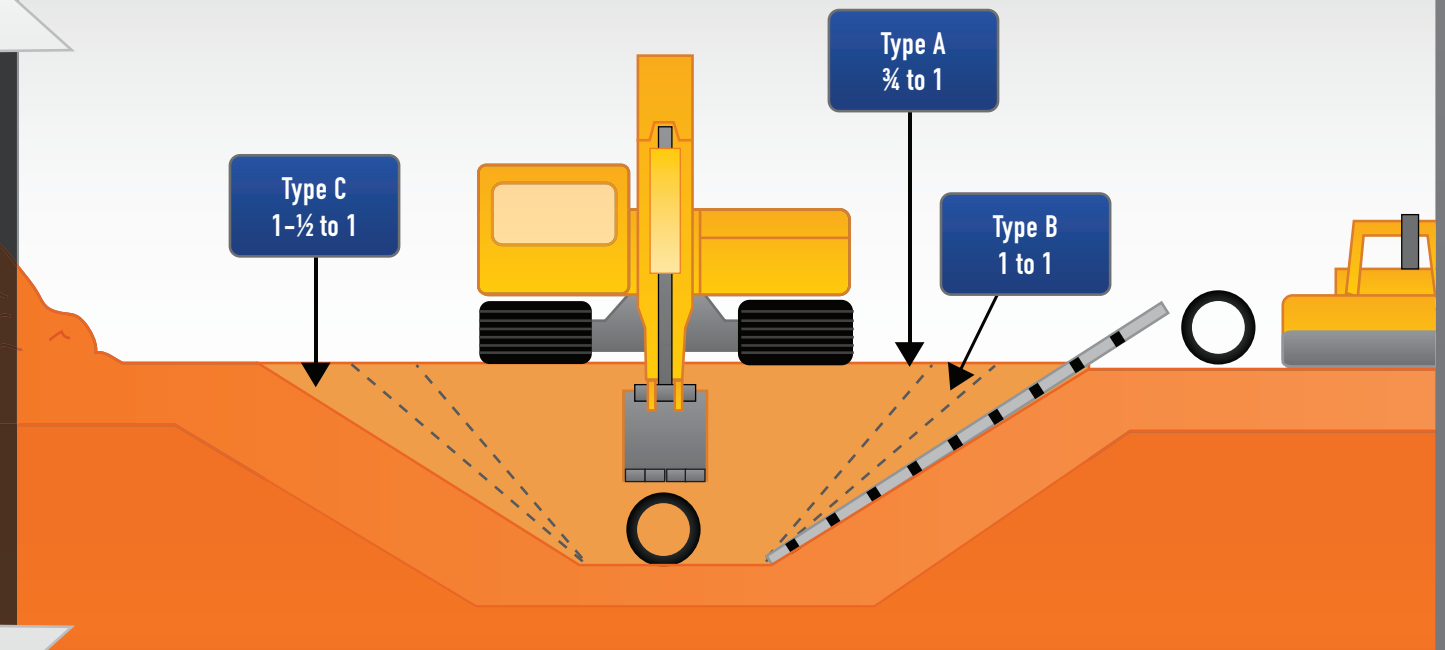


## PROTECTING YOUR GREATEST ASSETS: PEOPLE

### TRENCH SAFETY BEST PRACTICES

- Analyze soil to determine soil type. If you are not sure of soil type, assume it is Type C
- Slope trench sides appropriate to the type of soil or provide shoring or trench box
- Locate all underground utilities prior to digging
- Increase slope of trenches that are exposed to vibrations of construction equipment, construction operations, traffic, etc
- Keep stored materials at least 2 feet back from edge of the trench

- Keep excavated material at least 2 feet back from edge of the trench
- Don't allow water to accumulate in the trench
- Professional engineering is required for trenches 20 feet deep or deeper
- Provide ladder, steps, or ramp within 25 feet of travel from anywhere in the trench.
- Keep heavy loads of all kinds as far away from the trench as possible



A person of authority, who has completed Trenching Safety Training, must be present at all times while trench work is occurring to inspect for existing or potential hazards and ensure prevention or correction of said hazards. All workers involved with the trench work must also be trained to recognize existing or potential hazards and informed of how to protect themselves from cave-ins.

### TRENCH SAFETY ASSESSMENT

An answer of "No" to any of the questions below will require appropriate corrective or preventative action.

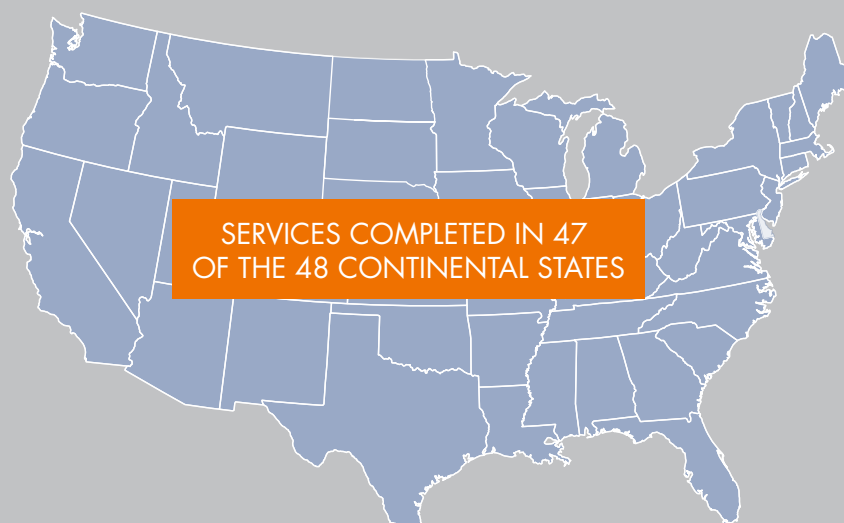
	Yes	No		Yes	No
1. Is there a competent person in charge of the trench work?			11. Are heavy loads of all kinds kept as far away from the trench as possible?		
2. Has an emergency action plan been established?			12. Are adjacent structures stabilized to prevent collapse?		
3. Has the soil type been determined by a competent person?			13. Have all underground utilities been located prior to digging?		
4. Has shoring, trench box, or sloped trench sides been provided as appropriate to the type of soil present?			14. Is the trench free of water?		
5. Does the trench box, if used, extend at least 18 inches above the surrounding area?			15. Has a registered professional engineer approved the procedure for trenches 20 feet deep or deeper?		
6. Does the trench box, if used, rest at the bottom of within 2 feet of the bottom of the trench?			16. Is the trench free of any operations that might create a hazardous atmosphere?		
7. Is the trench free of the vibrations of construction equipment, construction operations, traffic, etc?			17. Are surface crossings, if required, the proper width and fitted with standard handrails?		
8. Have work zone safety issues, such as traffic control and high visibility vests been addressed for trench work near roads?			18. Have ladders or steps been provided within 25 feet of travel from anywhere in the trench?		
9. Is there a warning system for mobile equipment?			19. Have workers completed the appropriate trench safety training?		
10. Are stored materials including excavated materials kept at least 2 feet back from edge of the trench?			20. Has the minimum daily trench inspection been completed?		

#### ON-SITE STAFFING REQUIREMENTS?

CORE can provide temporary staffing for full and part time positions.

#### NEED A SAFETY PROGRAM?

We can develop a customized manual to meet your organizations specific needs.



#### SAFETY TRAINING?

We provide numerous training courses from the OSHA 10-hour to specific competent person training.

#### OSHA CITATION OR INSURANCE CLAIM?

We can help mitigate your OSHA penalties or open claim.