Tue
6
Oct 2026

Trench follow-up inspection

Elm Street storm drain, Sta 14+80 to 15+40, east shoulder

Checked at 6:45 AM by Marcus Hill, Foreman. Walked with Dale Whitaker · Pipelayer.

Sample Construction Co.

Record EXC-2026-007

Dig record DIG-2026-007

1 problem found 1 fixed, 10 items OK.

Since the last check

Dig record	Rain or runoff	Freeze or thaw	Vibration	Trench or box change	This check
Oct 5, 6:30 AM DIG-2026-007	Rechecked, OK	Rechecked, OK	Rechecked, OK	Not on this list	6:45 AM

Rain or runoff, rechecked, ok: No rain since 10/03; light traffic vibration; re-checked at 10:30, no change
Freeze or thaw, rechecked, ok: No rain since 10/03; light traffic vibration; re-checked at 10:30, no change
Vibration, rechecked, ok: No rain since 10/03; light traffic vibration; re-checked at 10:30, no change

Today's trench

Depth today: 8 ft 6 in, planned 7–9 ft

Protective system: Steel trench box 8×20 · tabulated data on the box · rated 12 ft in Type C, 8 ft box, 8 in above grade

Spoil and equipment: 3 ft from the edge (found at 1 ft 6 in, 6:45)

Air: 4-gas 6:48 AM · O_2 20.9% · LEL 0% · H_2S 0 ppm · CO 0 ppm

Traffic: Cones + arrow board on Elm St · spotter when the 320 backs

Soil: Type C. Previously disturbed fill · pocket penetrometer 0.4 tsf, thumb test

Way out: 2 ladders, 3 ft above the top

Water and weather: Dry, pump staged · no rain since 10/03 · light traffic vibration

Utilities: 811 ticket 2026100412 · 2-in gas at Sta 15+10 exposed by hand, supported

The checklist

Walls and soil

- ✓ OK — **Walls: no cracks, bulging, sloughing or seepage** 1926.651(k)(1)
  No cracks, bulging or sloughing; walls dry
- ✓ OK — **Soil still as classified; reclassified if changed** 1926.652 App. A
  Still Type C at the new face: previously disturbed fill, pocket penetrometer 0.4 tsf
- ✓ OK — **Rain, freeze-thaw or vibration since the last look** 1926.651(k)(1)
  No rain since 10/03; light traffic vibration; re-checked at 10:30, no change

Protection and access

- ✓ OK — **Box or protective system: within tabulated data, ≤ 2 ft exposed below, no damage** 1926.652(a)–(c), (g)
  Box bottom at 7 ft 4 in, 14 in of wall below it; spreaders tight; top 8 in above grade
- ✓ OK — **Ladders inside the protection, within 25 ft, 3 ft above** 1926.651(c)(2)
  Two extension ladders inside the box, 3 ft above the top, tied to the box
- × Problem — **Spoil and equipment 2 ft back; no surcharge over the edge** 1926.651(j)(2)
  Spoil pile 18 in from the edge at Sta 15+00 at 6:45; moved back to 3 ft with the 320 before anyone entered

Water, air and lines

- ✓ OK — **Water controlled** 1926.651(h)
  Dry; pump staged but not needed
- ✓ OK — **Atmosphere tested where a hazardous atmosphere is possible** 1926.651(g)(1)
  4-gas meter at 6:48: O2 20.9%, LEL 0%, H2S 0 ppm, CO 0 ppm (storm sewer tie-in 60 ft east)
- ✓ OK — **Exposed lines still supported and protected** 1926.651(b)(4)
  2-in gas service at Sta 15+10 still supported with the 4x4 and strap

Around the trench

- ✓ OK — **Traffic, barricades and the backing path** 1926.651(d), (l)
  Cones and arrow board on Elm St; spotter for the 320 when backing; nobody between the truck and the trench
- ✓ OK — **Looked at before entry and after every change** 1926.651(k)(1)
  Before entry at 6:45 AM and again at 10:30 after the box was moved ahead

Problems found and what was done

× Problem **Spoil and equipment 2 ft back; no surcharge over the edge** critical

Spoil pile 18 in from the edge at Sta 15+00 at 6:45; moved back to 3 ft with the 320 before anyone entered

Corrective action: Fixed 6:52 AM by Marcus Hill. Spoil moved back to 3 ft with the 320 before entry.


Found 6:45 AM


Fixed 6:52 AM

Notes: Walked with Dale Whitaker before the crew entered. Re-inspected at 10:30 AM after the excavator moved the box ahead 20 ft; no change. OK to enter after the spoil pile was moved.

DANGER A cave-in can entrap, bury, or otherwise injure and immobilize a person (1926.650(b)). Where the competent person finds signs of a possible cave-in, a failing protective system, a hazardous atmosphere or another hazardous condition, exposed workers are removed from the hazardous area until the necessary precautions are taken. 29 CFR 1926.651(k)(2).

Marcus Hill, Foreman
Inspector (competent person), signed 6:45 AM

Marcus Hill, Re-inspection 10:30 AM · competent person
Recheck or fix, 10:32 AM

Superintendent review

Emergency: call 911. Address: 1400 Elm St, Round Rock, TX, Oak St gate. GPS 30.5083 N 97.6789 W. ER: St. David's Round Rock Medical Center, about 9 min. AED and first aid kit: truck 14. Poison control 1-800-222-1222. Site contact: Rita Solano, (512) 555-0144.

Before work, as needed during the shift, and after rain or any change. 29 CFR 1926.651(k)(1).
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