**This AHA is provided as an example of content to consider during development of project-specific AHAs for like activities**

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| **Activity**:  Excavation and trenching following OSHA 1926 Subpart P |

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| **HAZARDS** | | |
| *JOB STEP* | *HAZARDS* | *ACTIONS TO ELIMINATE OR MINIMIZE*  *EACH HAZARD* |
| Traffic/Pedestrian Control | Risk of injury to automotive or pedestrian traffic. | A Traffic / Pedestrian Control Plan may be required when blocking or partially blocking any walkway, roadway or driveway.  Work area should be delineated from un-authorized personnel, with signs posted. |
| Excavation and trenching | Overall excavation and trenching risks  Risks of injury from cave-in collapse of unstable or poorly supported soil.  Hazardous Atmospheres  Restricted egress  Instability to adjacent structures | An Excavation Competent Person (CP) shall be assigned.  Excavations, spoil piles and surrounding work areas shall be inspected daily or as needed by the CP.  All surface encumbrances shall be removed or supported.  Soil type shall be classified by the CP. If no soil testing is performed, the soil shall be classified as type “C”.  Shoring, sloping, or benching is required at 5 feet as determined by the CP.  No work shall be permitted in an excavation if it has standing water, and water will be removed from outside of the excavation and monitored by CP.  Before entry to excavations of 4 or more feet in depth, and where a hazardous atmosphere exists or could reasonably be expected to exist, the atmosphere within the excavation will be tested  A stairway, ladder, ramp or other safe means of egress shall be located in trench excavations that are 4 feet or more in depth no greater than 25 feet apart.  Support systems such as shoring, bracing, or underpinning shall be provided to ensure the stability of structures. |
| Heavy Equipment Use | Risk of hitting underground utilities.  Crushing | Ensure that a utility survey has been completed prior to start of work.  Hand dig to located utilities.  No one shall be permitted underneath equipment/load. |
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