

Excavation Shoring Checklist

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General Information

Project Name: City, State:

What is being constructed:
(Pipeline, lift station, etc...)

Soils information is available:
(Borelogs, Geotech report...)

Will contractor dewater to base of cut behind shoring:

If not, what are dewatering plans if any:

Adjacent building structures:

Description and distance from shoring:

Adjacent railroad tracks/how many:

Distance from centerline of tracks to closest edge of shoring:

Any utilities crossing shoring:

Depth, size, angle to shoring:

Is deflection of shoring a concern (if so, explain):

Any special provisions in project specs regarding shoring:

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Engineering Contact Info

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Trench Questions

Max cut depth:

If benching - Total cut depth:

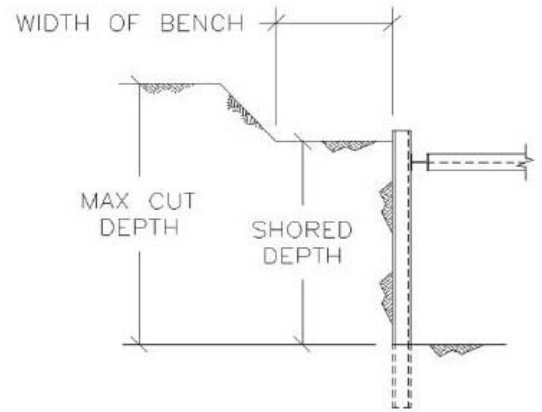
If benching - Shored depth:

What is being constructed:

Width of trench:

Required horizontal clearance between struts:

Required vertical clearance from base of trench:



Pouring base slab or can sacrificial struts be used:

Preferred shoring or equipment:

Linear Wall Questions

Max cut depth: What is being constructed:

If benching - Total cut depth: If benching - Shored depth:

Length of wall or walls:

Preferred shoring or equipment:

Pit Questions

Max cut depth: What is being constructed:

If benching - Total cut depth: If benching - Shored depth:

Outside dimensions of structure/base slab:

Min inside clearance required to shoring:

Can bracing be phased and removed as soil is backfilled against structure:

Lift height of wall placement (if applicable for phasing):

Preferred shoring or equipment:

Bore Pit Questions

Max cut depth: What is being constructed:

If benching - Total cut depth: If benching - Shored depth:

Required vertical clear: Required horizontal clear:

Is base slab or base rock being placed:

Preferred shoring or equipment: