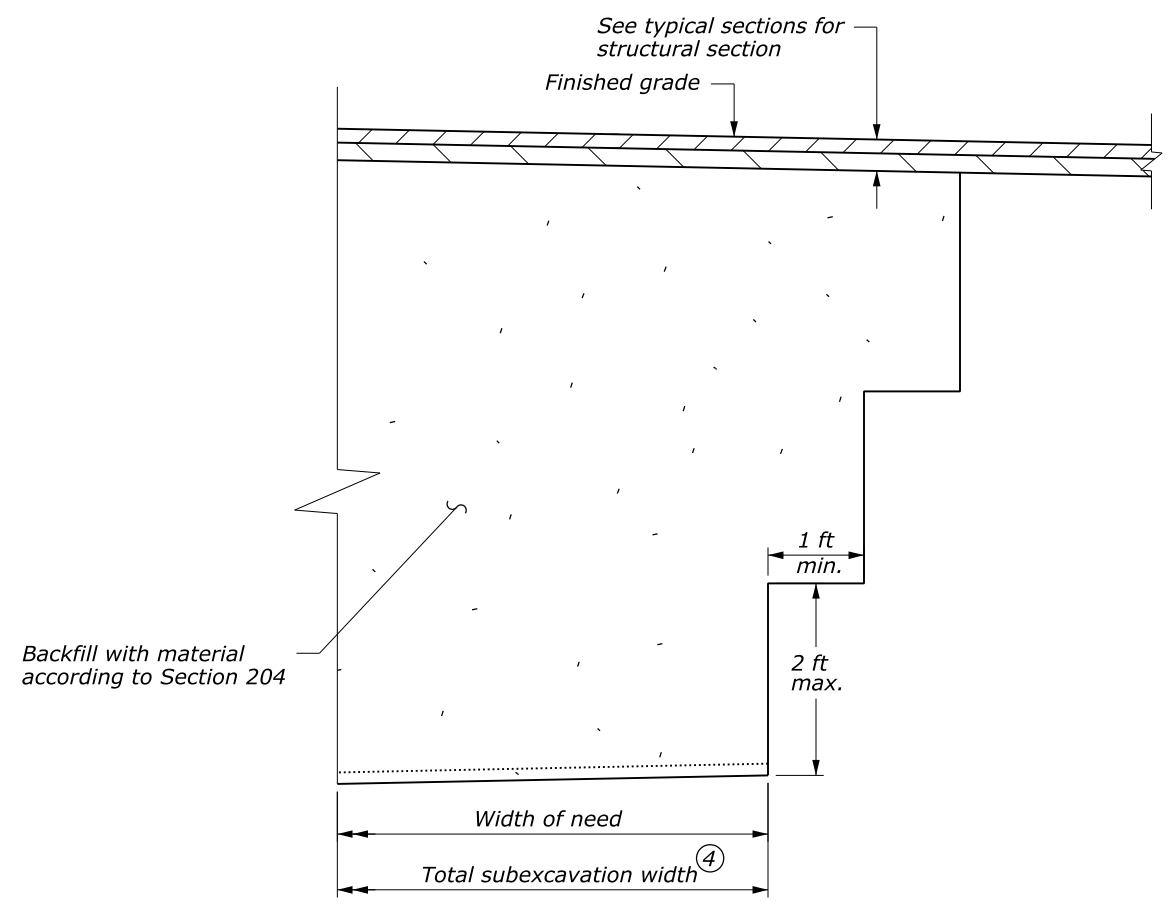


**SUBEXCAVATION  
TYPICAL SECTION**



**BENCH DETAIL**

**NOTE:**

1. Replace unsuitable material according to Subsection 204.07 unless otherwise specified.
2. Minimum subexcavation dimensions are 6 ft wide x 6 ft long.
3. Do not place backfill material within the structural section.
- ④ Widen top of subexcavation area to allow for bench width in bottom layers. Provide a 1 ft min. bench width for every 2 ft of subexcavation depth.
5. Daylight to drain when the excavation is within 4 ft of the subgrade hinge point. Slope the excavation bottom 2% toward the daylight for drainage, or match the existing roadway cross slope when steeper than 2%.
6. At daylight locations, match the existing fill slope or make slope adjustments to match the subgrade hinge point. Do not construct slopes steeper than 1:2 unless approved by the CO.

\_User:

N:\CFL-DPT\Drawings\FP-14\FP14\_Details\C204-51.dgn

9/22/2014

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION CENTRAL FEDERAL LANDS HIGHWAY DIVISION	
U.S. CUSTOMARY DETAIL	
<b>SUBEXCAVATION</b>	
DETAIL APPROVED FOR USE 12/2012	DETAIL
REVISED: 08/2014	C204-51

NO SCALE



## NOTES TO THE DESIGNER

Last Updated: August 2014

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### General Information

1. **Layout Guidance.** Subexcavation locations will not be shown on the plans unless requested by the PM/COE. Add "As directed by the CO" to the remark column in the summary of quantities for the subexcavation pay item when exact locations are not tabulated.

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### Applicable SCRs

1. Section 204:  
<http://www.cflhd.gov/resources/design/constructspecs/scr/fp14/documents/S204-14.docx>

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### Typical Pay Item Used

- 20402-0000 Subexcavation [CUYD]

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### Updates

January 2013

- New CFL detail drawing

August 2014

- Updated for FP-14
- Updated border to FLH Standard