

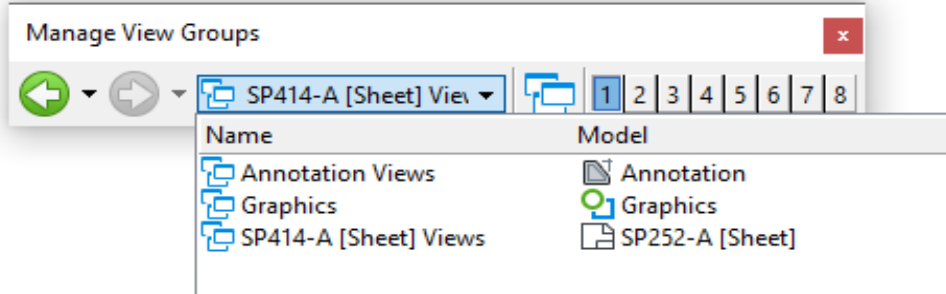
Notes to the Designer

Updated January 2024

Subexcavation

General Information

- Printing should be done from the **[Sheet]** View model



- Layout Guidance.

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

Add a note in the remarks column in the summary of quantities for geotextile class and type.

Applicable SCRs

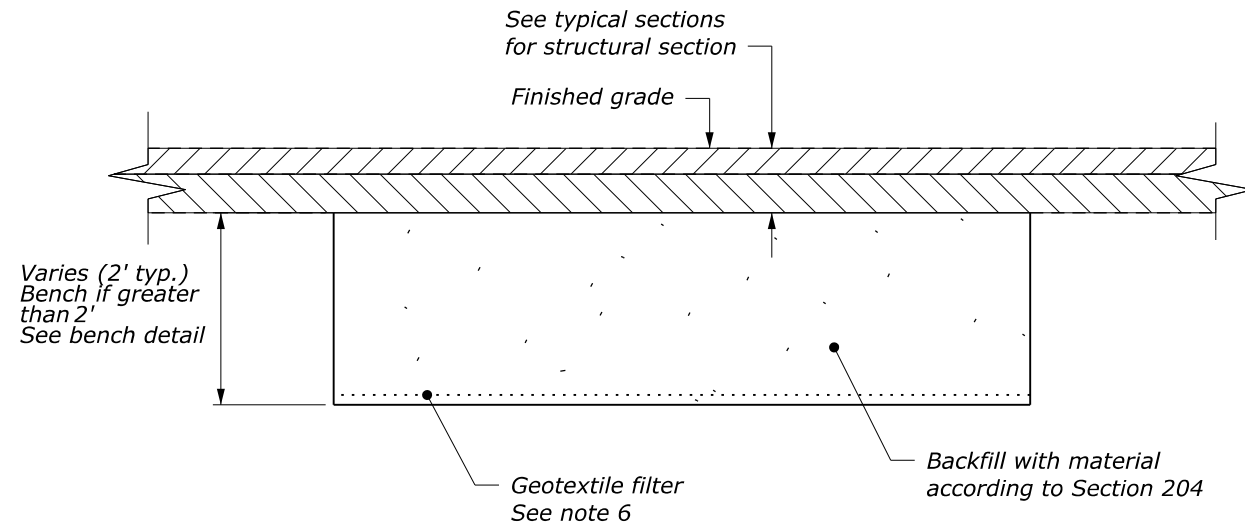
- Section 204

Typical Pay Item Used

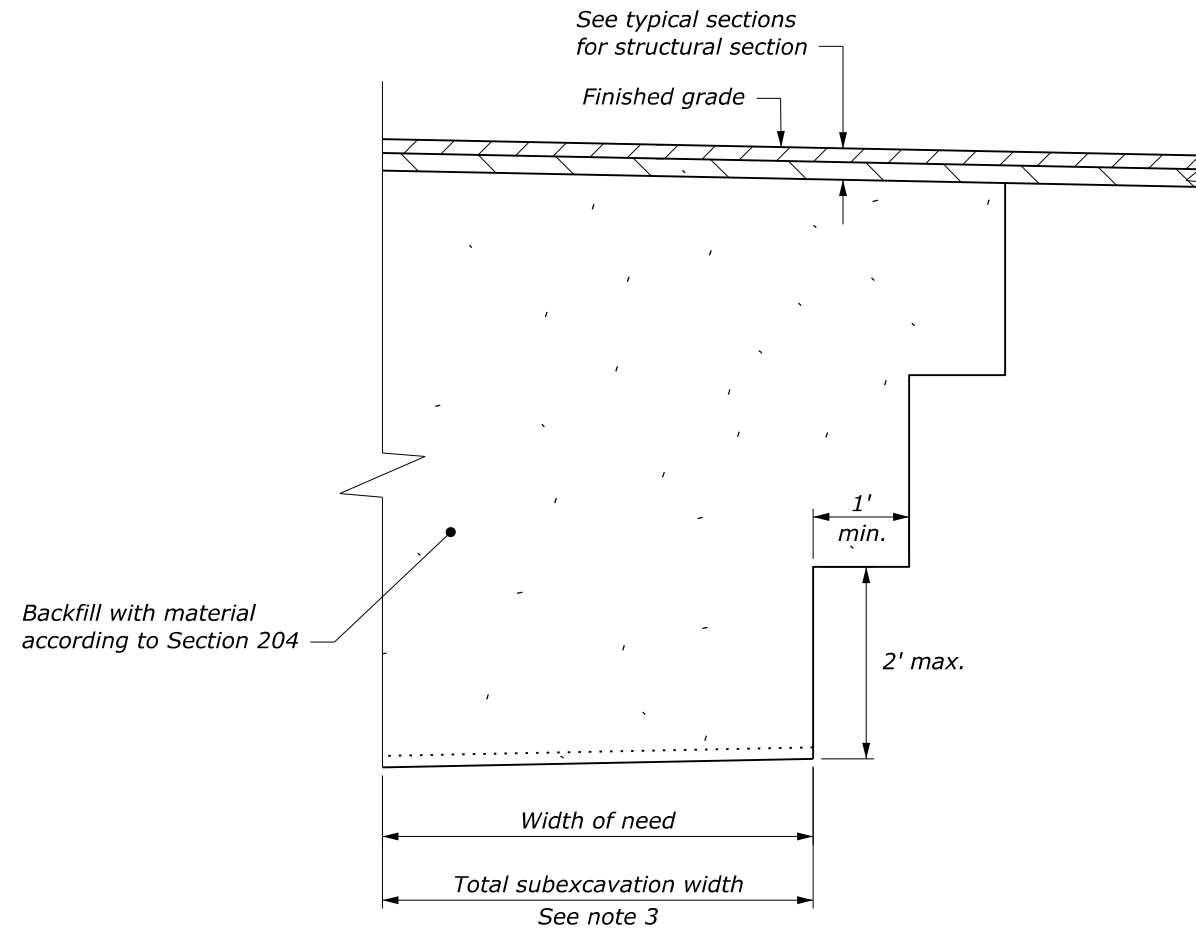
- 20402-0000 Subexcavation [CUYD]

Updates

- **August 2020**
 - Updated geotextile reference
- **October 2020**
 - Updated for OpenRoads Designer
- **January 2024**
 - Updated border



**SUBEXCAVATION
TYPICAL SECTION**



BENCH DETAIL

NOTE:

1. Minimum subexcavation dimensions are 6 foot wide x 6 foot long.
2. Do not place backfill material within the structural section.
3. Widen top of subexcavation area to allow for bench width in bottom layers. Provide a 1-foot minimum bench width for every 2 feet of subexcavation depth.
4. Daylight to drain when the excavation is within 4 feet 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%.
5. At daylight locations, match the existing fill slop or make slope adjustments to match the subgrade hinge point. Do not construct slopes steeper than 1V:2H unless approved.
6. Furnish geotextile filter type conforming to Subsection 714.01(a). See summary tables for class and type.

NO SCALE

U.S. DEPARTMENT OF TRANSPORTATION, FHWA OFFICE OF FEDERAL LANDS HIGHWAY		CFLHD DETAIL C204-51
SUBEXCAVATION		SPECIFICATION FP-14
		APPROVED FOR USE 06/2024