

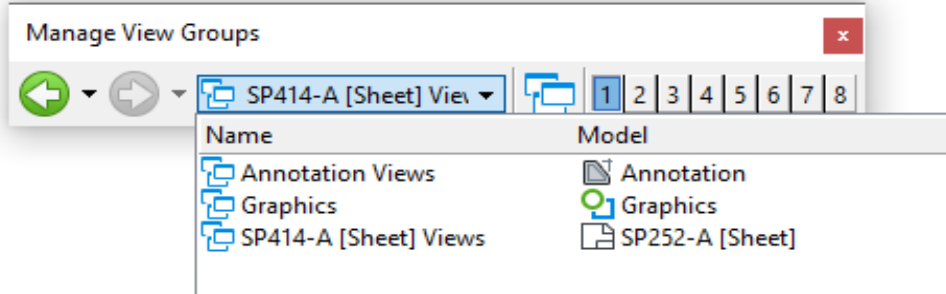
Notes to the Designer

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]

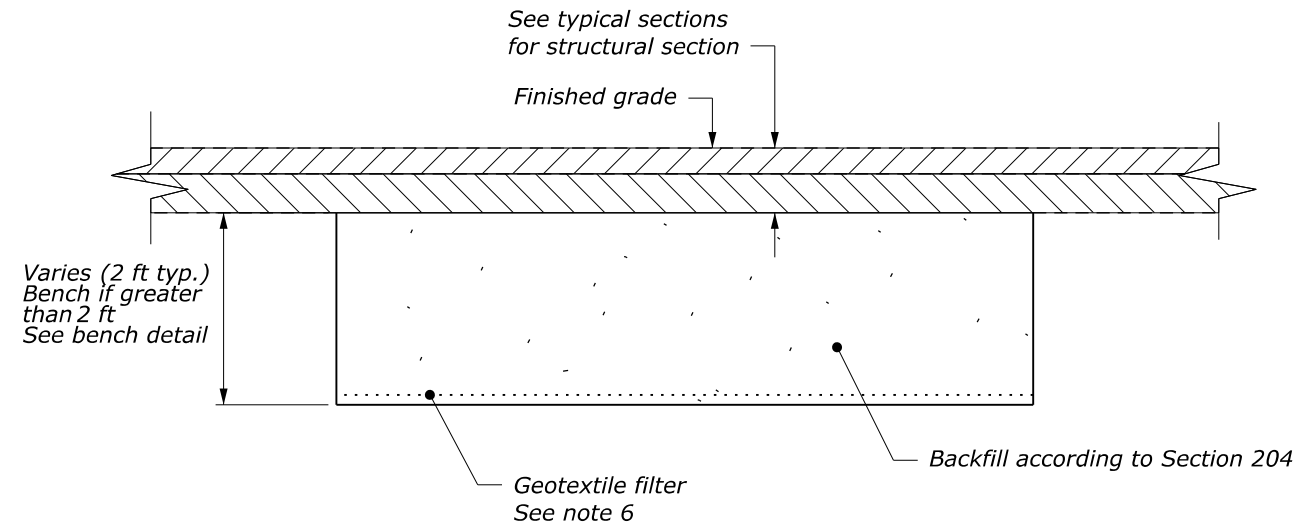
Updates

- **August 2020**
 - Updated geotextile reference
- **October 2020**
 - Updated for OpenRoads Designer
- **January 2024**
 - Updated border; Updated for FP24

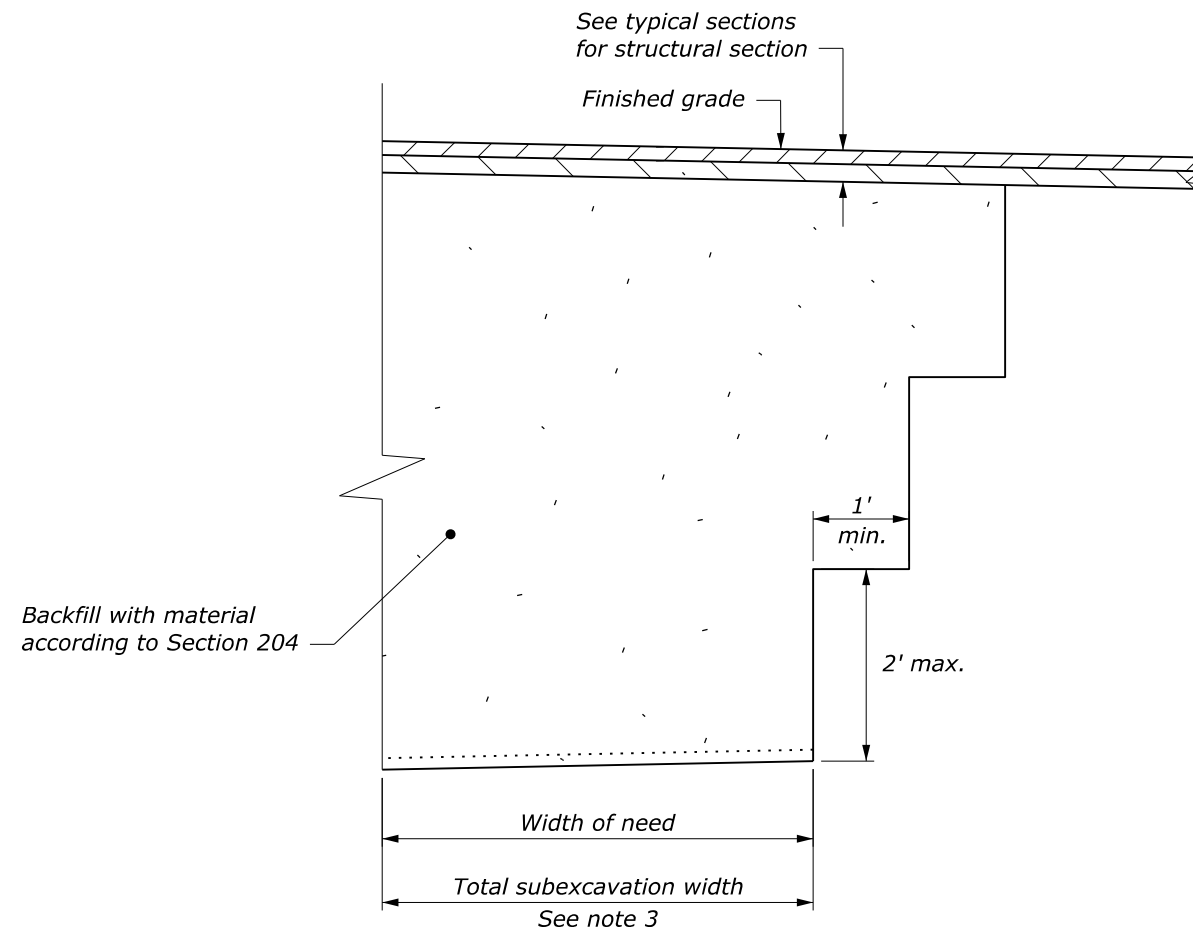
PROJECT	SHEET NUMBER
PROJECT NUMBER	
PROJECT NAME	

NOTE:

1. Minimum subexcavation dimensions are 6 feet wide x 6 feet 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 slope 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(c).



**SUBEXCAVATION
TYPICAL SECTION**



BENCH DETAIL

NO SCALE

U.S. DEPARTMENT OF TRANSPORTATION, FHWA OFFICE OF FEDERAL LANDS HIGHWAY	CFLHD DETAIL C204-51
SUBEXCAVATION	SPECIFICATION FP-24
	APPROVED FOR USE 06/2024