

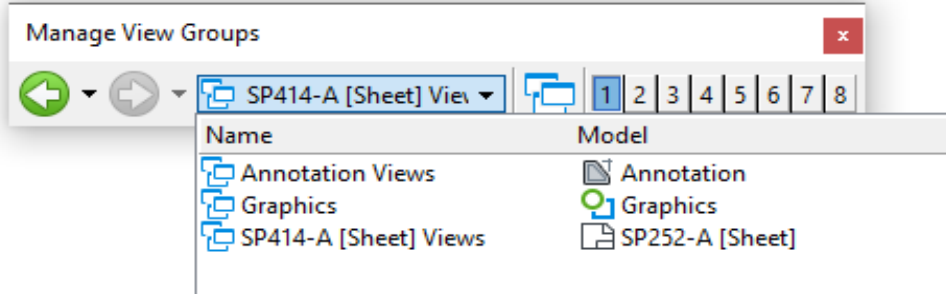
# Notes to the Designer

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]

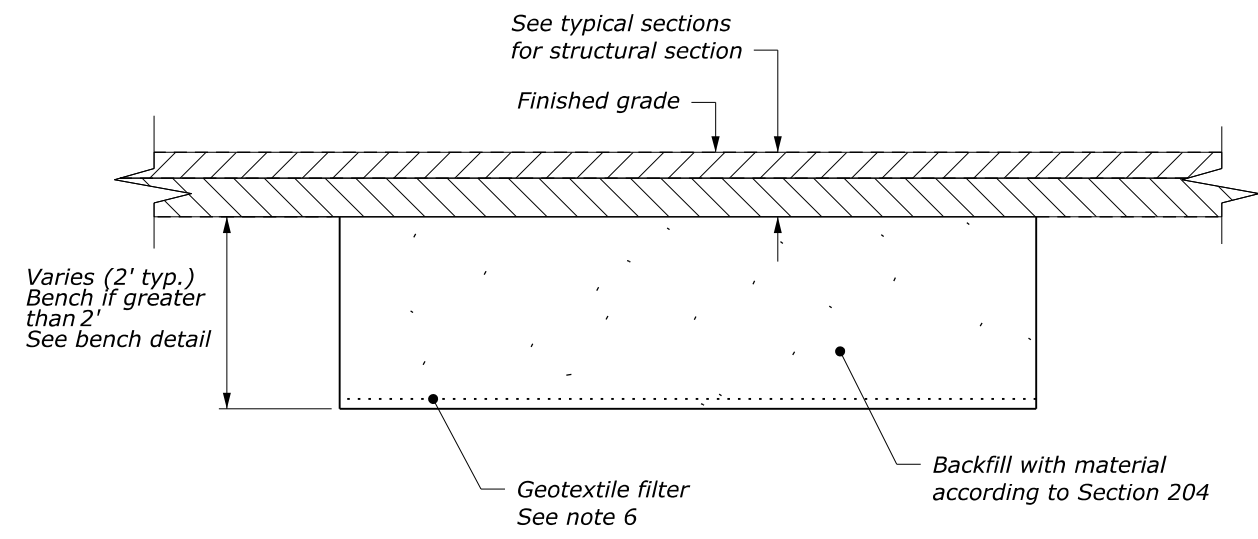
### Updates

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

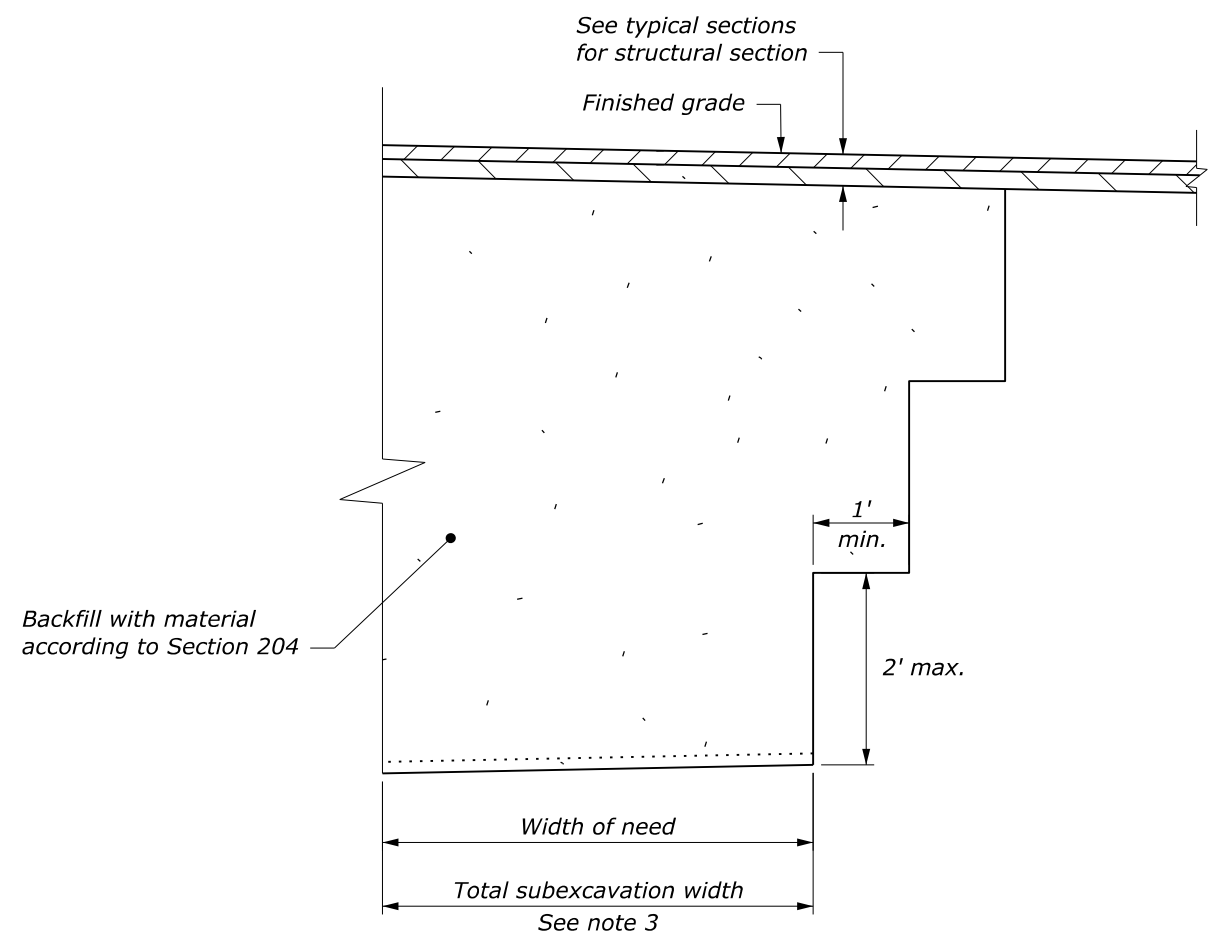
|                |              |
|----------------|--------------|
| PROJECT        | SHEET NUMBER |
| PROJECT NUMBER |              |
| PROJECT NAME   |              |

**NOTE:**

1. Minimum subexcavation dimensions are 6 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(c).



**SUBEXCAVATION  
TYPICAL SECTION**



**BENCH DETAIL**

NO SCALE

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