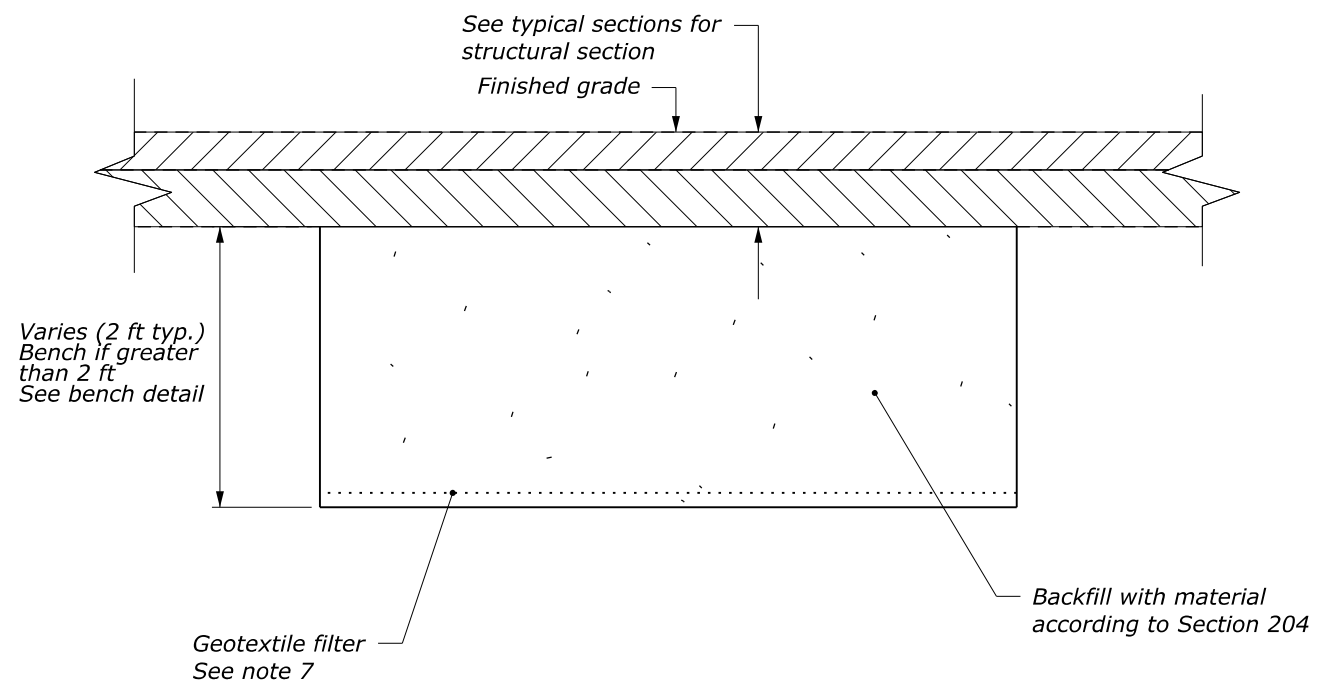


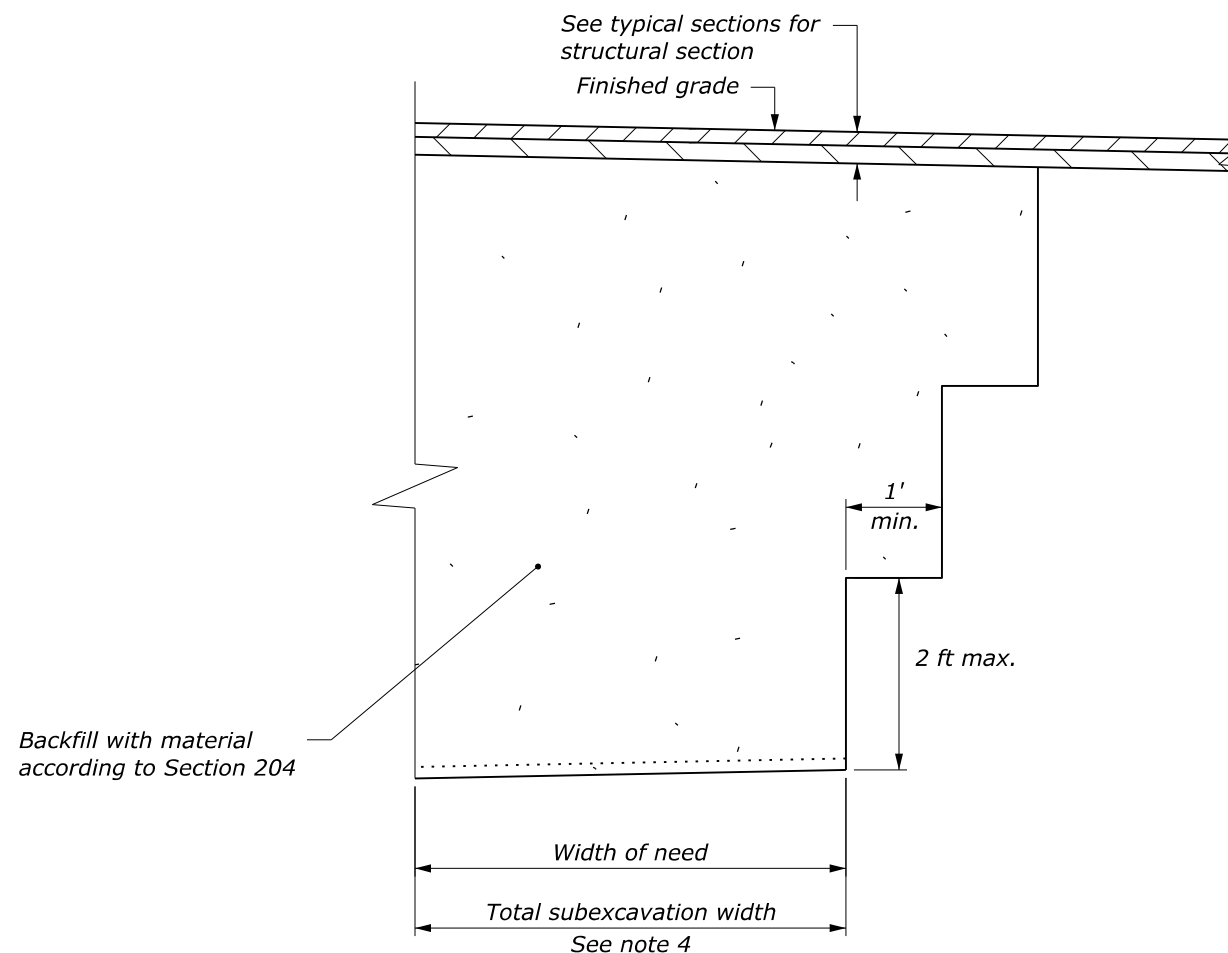
|       |                                |              |
|-------|--------------------------------|--------------|
| STATE | PROJECT                        | SHEET NUMBER |
| ST    | PROJECT NUMBER<br>PROJECT NAME | C204-51      |

**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 1V:2H unless approved by the CO.
7. Furnish geotextile filter type conforming to subsection 714.01(a). See summary tables for class and type.



**SUBEXCAVATION  
TYPICAL SECTION**



**BENCH DETAIL**

NO SCALE

|   |         |
|---|---------|
| U.S. DEPARTMENT OF TRANSPORTATION<br>FEDERAL HIGHWAY ADMINISTRATION<br>CENTRAL FEDERAL LANDS HIGHWAY DIVISION |         |
| CFLHD DETAIL  |         |
| <b>SUBEXCAVATION</b>  |         |
| DETAIL APPROVED FOR USE 12/2012   | DETAIL  |
| REVISED: 08/2014 08/2020 10/2020  | C204-51 |

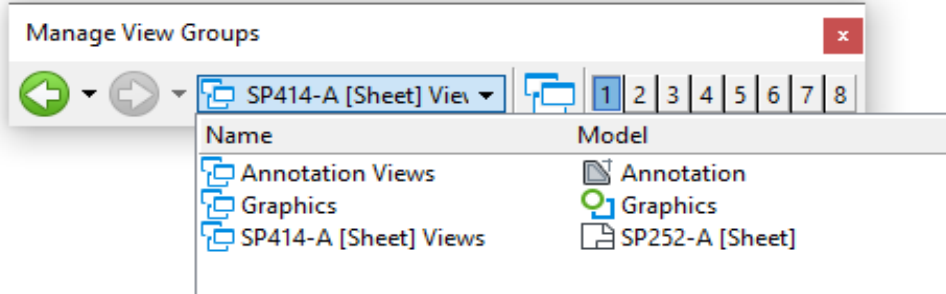
## Notes to the Designer

Updated October 2020

### 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 by the CO” 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: <https://flh.fhwa.dot.gov/resources/specs/fp-14/cfl/documents/S204-14.docx>

#### Typical Pay Item Used

- 20402-0000 Subexcavation [CUYD]

#### Updates

- **August 2020**
  - Updated geotextile reference
- **October 2020**
  - Updated for OpenRoads Designer