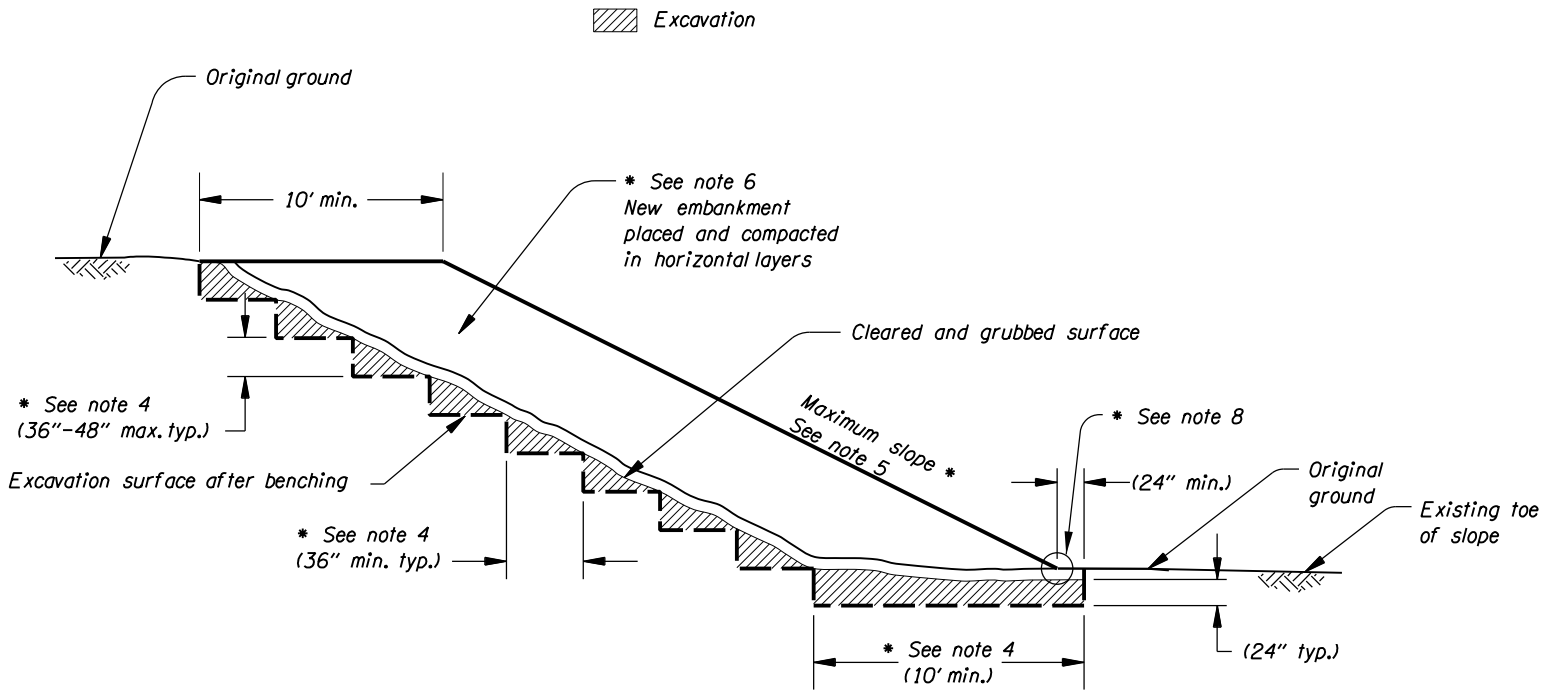


DET2100 10-6-2009

DET 2100

STANDARD EMBANKMENT CONSTRUCTION

(Not to scale: Diagrammatic only)



Standard embankment general notes:

1. Construct benches on slopes steeper than 1:5 (v:h) to provide positive bond with existing ground.
2. Benching work is incidental to embankment construction.

* Standard embankment notes to designers:

3. Geotechnical Engineer shall evaluate embankment, slope and overall stability, foundation bearing capacity and settlement.
4. Final bench and keyway dimensions to be determined by the geotechnical engineer.
5. Maximum finish slope inclinations to be determined by the geotechnical engineer.
6. Embankment (fill) materials to be determined by the geotechnical engineer.

7. This detail may require removal of part of existing paved roadway.

8. This detail applies to embankments which toe out at a height of 5' or less above the existing toe of slope. Use Sliver Fill Benching detail (DET 2101) for embankments which toe out greater than 5' above the existing toe of slope.

The selection and use of this detail, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

OREGON DEPARTMENT OF TRANSPORTATION
TECHNICAL SERVICES
DETAILS

STANDARD EMBANKMENT
CONSTRUCTION DETAIL

DETAIL NO.

DET2100