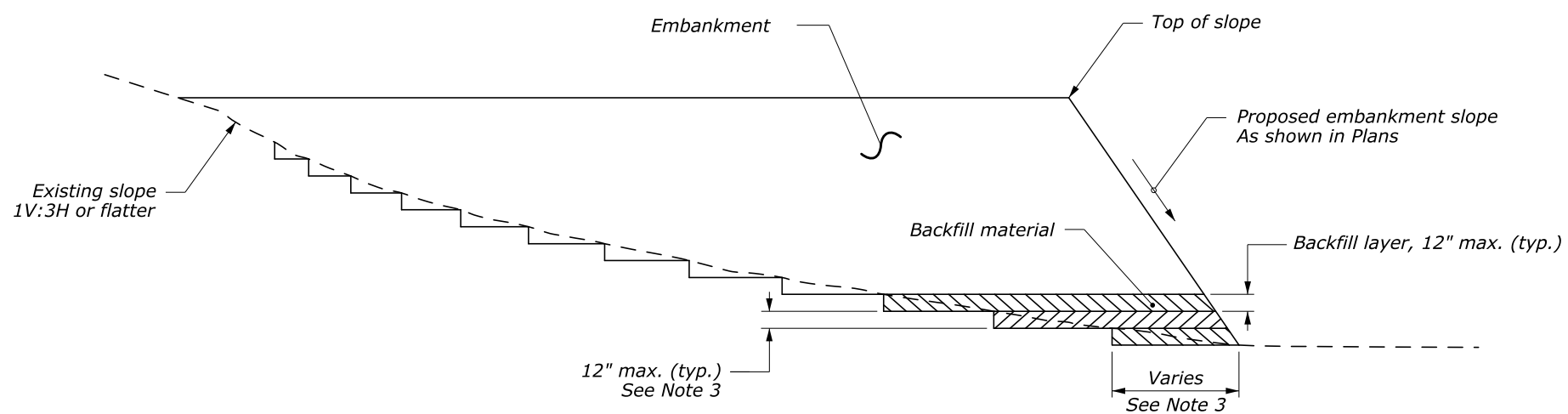


**TYPICAL SECTION A**  
SLOPES STEEPER THAN 1V:3H



**TYPICAL SECTION B**  
SLOPES 1V:3H OR FLATTER

**NOTES:**

1. Where the embankment foundation is on side-hill or another existing embankment, bench the foundation while the embankment is being constructed.
2. For slopes steeper than 1V:3H, refer to Typical Section A. Cut 8-foot wide horizontal benches in the existing slope. Bench the slope as the embankment is placed and compacted in 1-foot thick layers until a backfill height of 4 feet is reached. Excavate and backfill in a similar manner until the top of slope is reached.
3. For slopes 1V:3H or flatter, refer to Typical Section B. Cut into the existing slope until a maximum height of 1 foot is reached, allowing the horizontal distance to vary. Place embankment material. Excavate and backfill in a similar manner until the top of slope is reached.

NO SCALE

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION EASTERN FEDERAL LANDS HIGHWAY DIVISION	
U.S. CUSTOMARY DETAIL	
<b>BENCHING FOR EMBANKMENT</b>	
DETAIL APPROVED FOR USE	DETAIL
APPROVED: MAY 2011 REVISED: DECEMBER 2018	E204-02