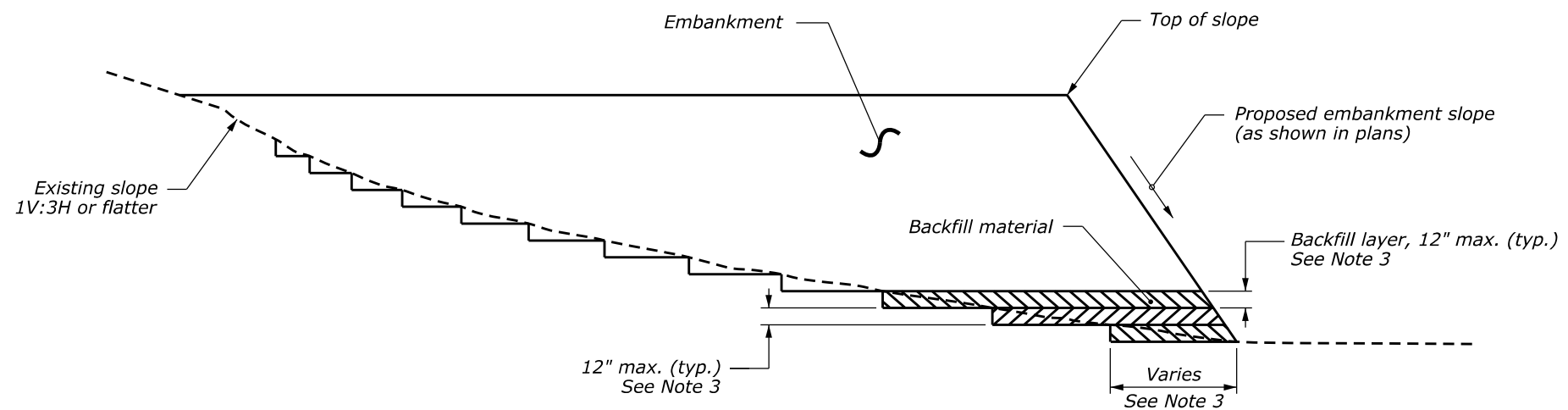


TYPICAL SECTION A
SLOPES STEEPER THAN 1V:3H



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, FHWA OFFICE OF FEDERAL LANDS HIGHWAY	EFLHD DETAIL E204-02
BENCHING FOR EMBANKMENT	SPECIFICATION FP-24, FP-14 APPROVED FOR USE 05/2024