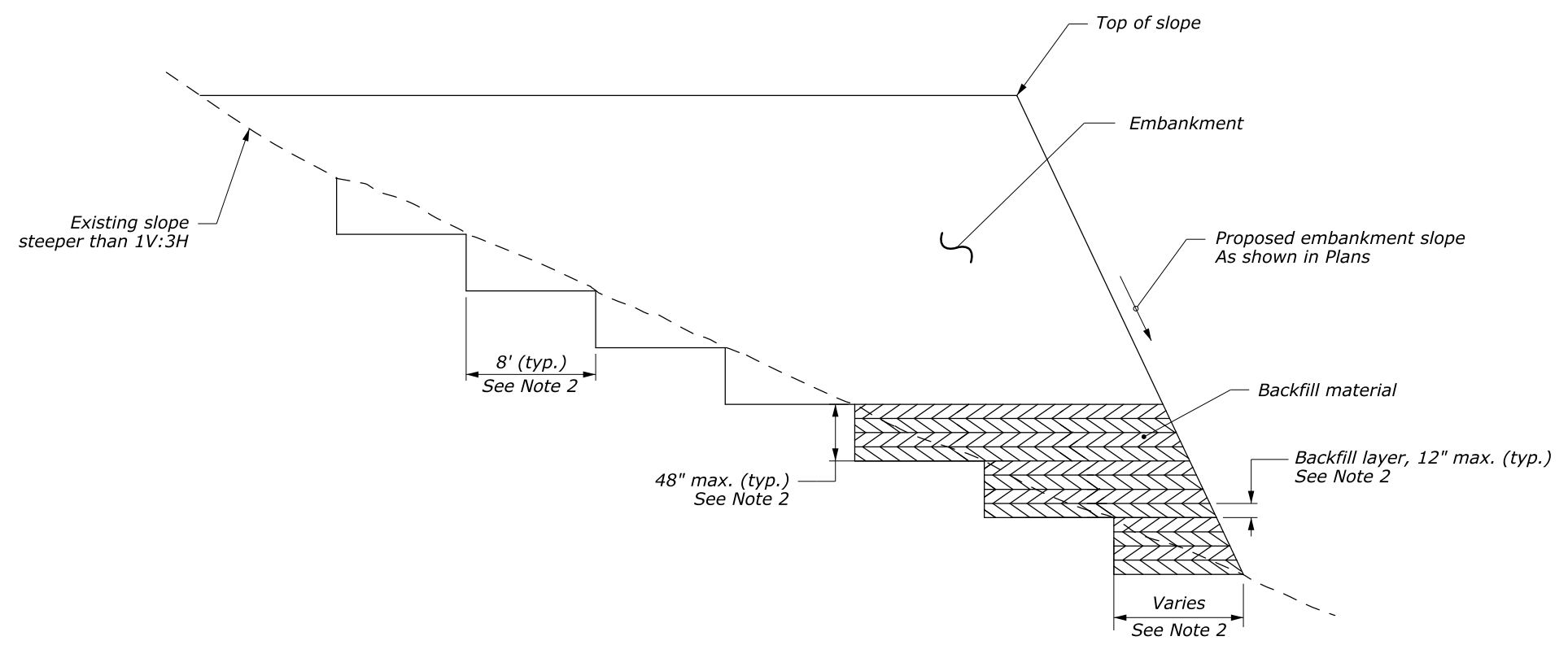
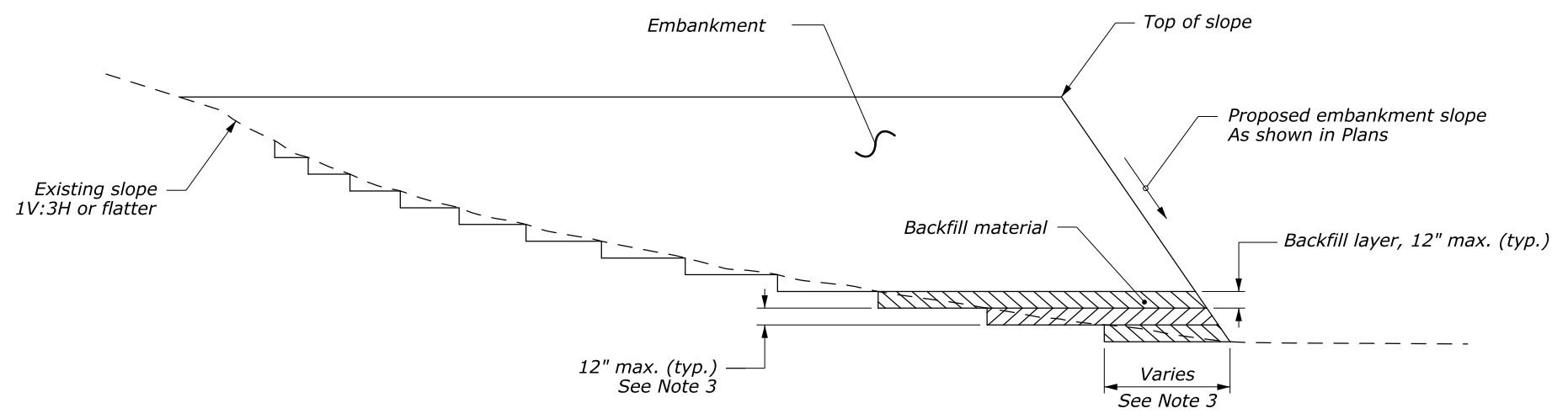


STATE	PROJECT	SHEET NUMBER



TYPICAL SECTION A
SLOPES STEEPER THAN 1V:3H

- 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.



TYPICAL SECTION B
SLOPES 1V:3H OR FLATTER

NO SCALE

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION OFFICE OF FEDERAL LANDS HIGHWAY	
EFLHD DETAIL	
BENCHING FOR EMBANKMENT	
DETAIL APPROVED FOR USE	DETAIL
APPROVED: MAY 2011	E204-02
REVISED: SEPTEMBER 2020	

M:\PROJECTS\COLLABORATION\Louisayne_02172021_Details_Work\st20402_detail.dgn [Sheet] 17 February 2021 2:35 PM



NOTES TO THE DESIGNER

April 12, 2018

General Information

1. Detail E204-02 may not be suitable for all embankment construction situations. Verify with Construction and Geotechnical Engineer if the Detail is appropriate to use.
-

Applicable SCRs.

Typical Pay Item Used

- 20419-0000 Embankment Construction [SQYD]
 - 20420-2000 Embankment Construction [CUYD]
-

Updates