GUARDRAIL OR
CONCRETE BARRIER

PROP. EMBANKMENT
WIDENING (VARIES)

2'-0" (600) MAXIMUM

8'-0"
(2.4 m MIN.)

PROPOSED FORESLOPE
2:1 MAXIMUM

②

①
④

⑥

⑤

③

12'-0"
(3.6 m MAX.)

MERGER POINT

TYPICAL BENCHING DETAIL
FOR EMBANKMENT

NOTES:

① CONSTRUCT SUCCEEDING BENCH CUTS AND EMBANKMENT PLACEMENT
AND COMPACTION FROM BOTTOM TO TOP IN STAIRSTEP FASHION.

② EXISTING FORESLOPE PREPARED IN ACCORDANCE WITH ARTICLE 205.03
OF THE STANDARD SPECIFICATIONS.

③ BENCH CUT EXISTING SLOPE TYPICAL FOR EACH STEP.

④ TRIM TO FINAL SLOPE.

⑤ EQUAL 8-INCH (200) LIFTS OF EMBANKMENT COMPACTED IN ACCORDANCE
WITH ARTICLE 205.05 OF THE STANDARD SPECIFICATIONS.

⑥ EXCAVATION OF BENCH CUTS WITHIN EXISTING EMBANKMENT WILL BE
PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC METER OR CUBIC
YARD FOR "EARTH EXCAVATION". THIS PRICE WILL INCLUDE ALL LABOR
AND MATERIAL, NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

⑦ SLOPES SHALL BE BENCHED ACCORDING TO THIS DETAIL WHEN THE
SLOPE IS STEEPER THAN 4:1 AND THE HEIGHT IS GREATER THAN 5' (1.5 m).

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS)
UNLESS OTHERWISE SHOWN.