



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).

**BENCHING DETAIL FOR
EMBANKMENT WIDENING**

REVISIONS	
NAME	DATE
	05/16/04

LONCO INC.
CONSULTING ENGINEERS
1960 HALL ST., SUITE 222
HAVERVILLE, ILLINOIS 60963 PH 630/577-5100

DESIGNED - MJY
DRAWN - ST
CHECKED - MJY
DATE - 07/08/2009

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE DETAIL SHEETS
I-80 (EAST OF 80th TO I-294)

SCALE: NONE SHEET NO. 3 OF 14 SHEETS STA. 10+00 TO STA. 405+00

F.A.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	(95-5-1, ETC, 1819-824) RS-1	WILL & COOK	80	50
D-91-145-09		CONTRACT NO. 60F61		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		