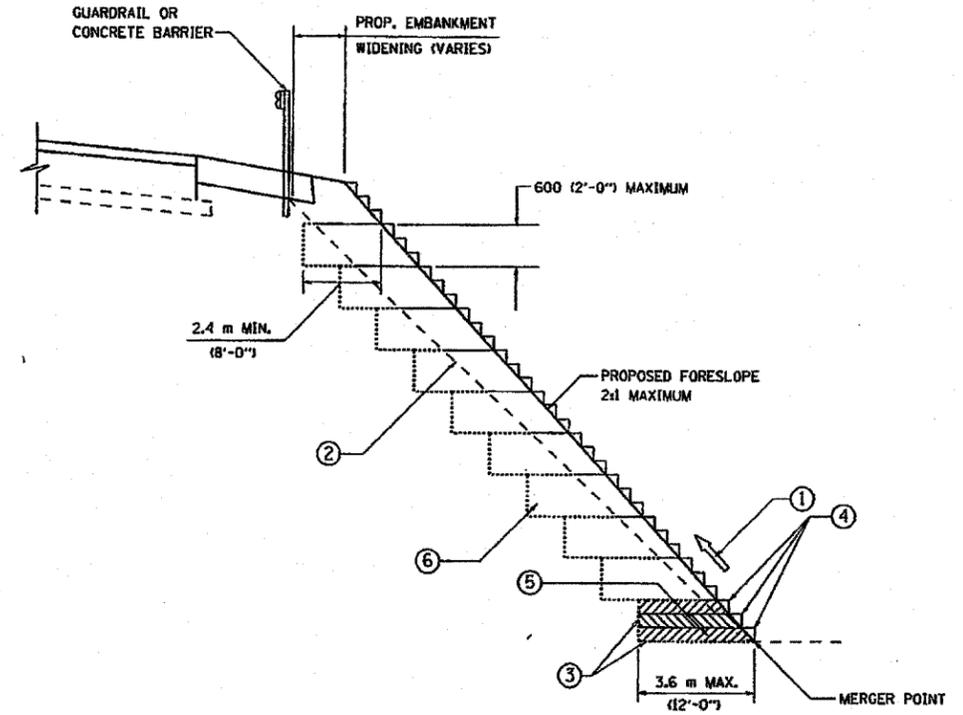


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	916	157A
STA. 190+65 (NB I-57) TO STA. 2316+00 (NB RYAN)				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
* (1516.1, 1717, & 1818) R-4				62304



**TYPICAL BENCHING DETAIL  
FOR EMBANKMENT**

**EARTH EXCAVATION (SPECIAL) SCHEDULE**

ALIGNMENT	STATION		EARTH EXCAVATION (SPECIAL) (CU YD)
	FROM	TO	
NB I-57	236+50	236+50	46
NB I-57	240+00	244+00	385
NB I-57	247+00	251+00	294
	TOTAL		725

**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 200 (8-INCH) 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 \*. 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)

\* - EARTH EXCAVATION (SPECIAL)

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

REVISIONS	
NAME	DATE

**BENCHING DETAIL  
FOR EMBANKMENT  
WIDENING**

SCALE: VERT. HORIZ. DATE 3/16/2005

DRAWN BY: CADD CHECKED BY: S.E.B.