



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.

FILE NAME = W:\stated\22x34\bd51.dgn	USER NAME = gaglrenobt	DESIGNED - DRAWN - CADD	REVISED - REVISED -
	PLOT SCALE = 50.0000' / IN.	CHECKED - S.E.B.	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BENCHING DETAIL FOR EMBANKMENT WIDENING		F.A.S. 132	SECTION 07-00358-00-BR	COUNTY KANE	TOTAL SHEETS 33	SHEET NO. 11
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	CONTRACT NO. 63444		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT						

FILE NAME = 080243-ehf-standard2.dgn	USER NAME =	DESIGNED - L.F.S.	REVISED -
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	PLOT SCALE =	CHECKED - S.W.M.	REVISED -
	PLOT DATE = 2/18/2010	DATE - 01/07/10	REVISED -

STATE OF ILLINOIS
KANE COUNTY DIVISION OF TRANSPORTATION

BENCHING DETAIL FOR EMBANKMENT WIDENING DAMISCH ROAD / C.H. 7		F.A.S. 132	SECTION 07-00358-00-BR	COUNTY KANE	TOTAL SHEETS 33	SHEET NO. 11
SCALE:	SHEET NO. OF SHEETS	STA.	TO STA.	CONTRACT NO. 63444		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT						