PROP. EMBANKMENT

## TYPICAL BENCHING DETAIL FOR EMBANKMENT

## NOTES:

GUARDRAIL OR

- O 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.

SCALE: N.T.S.

- (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.
- 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.

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j	TENG & ASSOCIATES, INC.	PL
	ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PL
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_	USER NAME = \$USER\$	DESIGNED	-	JB	REVISED ~	
		DRAWN	-	JFS	REVISED -	
	PLOT SCALE = \$SCALE\$	CHECKED	-	ACL	REVISED -	
RS	PLOT DATE = \$DATE\$	DATE	-	02/04/11	REVISED -	

STATE	OF	ILLINO	S			
DEPARTMENT (	OF 1	<b>TRANSP</b>	DRTATION			
I-70 CONNECTION						

		F.A.P. RTE.	SEC	SECTION				
EMBANKMENT WIDENING							8	2-1A
	SHEET NO.	OF	SHEETS	STA.	TO STA.	FED. ROAL	D DIST. NO.	ILLI

RTE.		SECTION					COUNTY	SHEETS	NO.
998	3	82-1A					ST. CLAIR	190	143
							CONTRAC	T NO.	76C41
FED.	ROAD	DIST.	NO.	ILLINOIS	FED.	AID	PROJECT		
	998 FED.	P.A.P. RTE. 998	P.A.P. RTE. 998 FED. ROAD DIST.	RIE.	998 82-1A	998 82-1A	998 82-1A	998 82-1A ST. CLAIR  CONTRAC	998 82-1A ST. CLAIR 190  CONTRACT NO.

BONDHUJO (\FS-0044\AMNVAULT,D-TRANS\_07\2202\200668-00!\CIVIL\CAD\99 ALL CONTRACTS\CONN\SHEETS CONTRACT