

**GENERAL PLAN AND ELEVATION** SINGLE 12' x 2' PRECAST BOX CULVERT F.A.S. ROUTE 514 - SECTION 81-15D.CR **CHAMPAIGN COUNTY** STATION 356+28.00, S.N. 010-8130

Unit

Each

Foot

Each

Cu Yd

Total

33

18.8

**DESIGN SCOUR ELEVATION TABLE** 

10 YEAR VELOCITIY THROUGH EXISTING BRIDGE =

\* Information provided using the USGS method (2004 equations)

	Design Scour Elevation (ft.)	N. Cut-Off Wall	S. Cut-Off Wall				
		91.67	91.90				

FILE NAME =	USER NAME = hennessdm	DESIGNED -	REVISED -									RTF.	SECTION	COUNTY	SHE	EETS N	۱ö.' I
c:\pw_work\PWIDOT\HENNESSDM\dma86853\D	i7Ø619-sht-Details.dgn	DRAWN -	REVISED -	STATE OF ILLINOIS	GENERAL PLAN AND ELEVATION  SCALE: SHEET NO. 1 OF 3 SHEETS STA. TO STA.		514	81-15D.CR	CHAMPAIG	N 3	30	11					
	PLOT SCALE = 40.0000 '/ IN.	CHECKED -	REVISED ~	DEPARTMENT OF TRANSPORTATION					CONTRA	ACT N	10. 706	19					
	PLOT DATE = 3/1/2010	DATE ~	REVISED -				TO STA.		ILLINOIS FED. AID PROJECT								

10 YEAR VELOCITIY THROUGH PROPOSED BRIDGE =

4.5 1/R