

**B.M.-** #1-I.P.  $\pm 0-18.45$ , 9.11' LT = 397.97  
 #2-I.P.  $\pm 12+69.53$ , 8.81' RT = 399.92

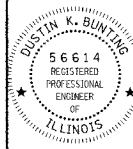
T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
236	00-03136-00-BR	HAMILTON	13	4
ILLINOIS FED. ROAD DIST. NO. 7		PROJECT BRS-XXXXXX		
L.E.C. JOB # H021L024M		AUXIER CREEK		
		CONTRACT NO. 95421		

923 W. 3RD ST.  
 P.O. BOX 180  
 MT. CARMEL, IL 62863  
 PHONE: (618)-262-8651  
 FAX: (618)-263-8327

405 W. STATE ST.  
 SUITE 1  
 PRINCETON, IN 47670  
 PHONE: (812)-386-7611  
 FAX: (812)-385-2812



PROFESSIONAL LAND SURVEYING FIRM  
 048-00082  
 PROFESSIONAL ENGINEERING CORPORATION  
 184-00087



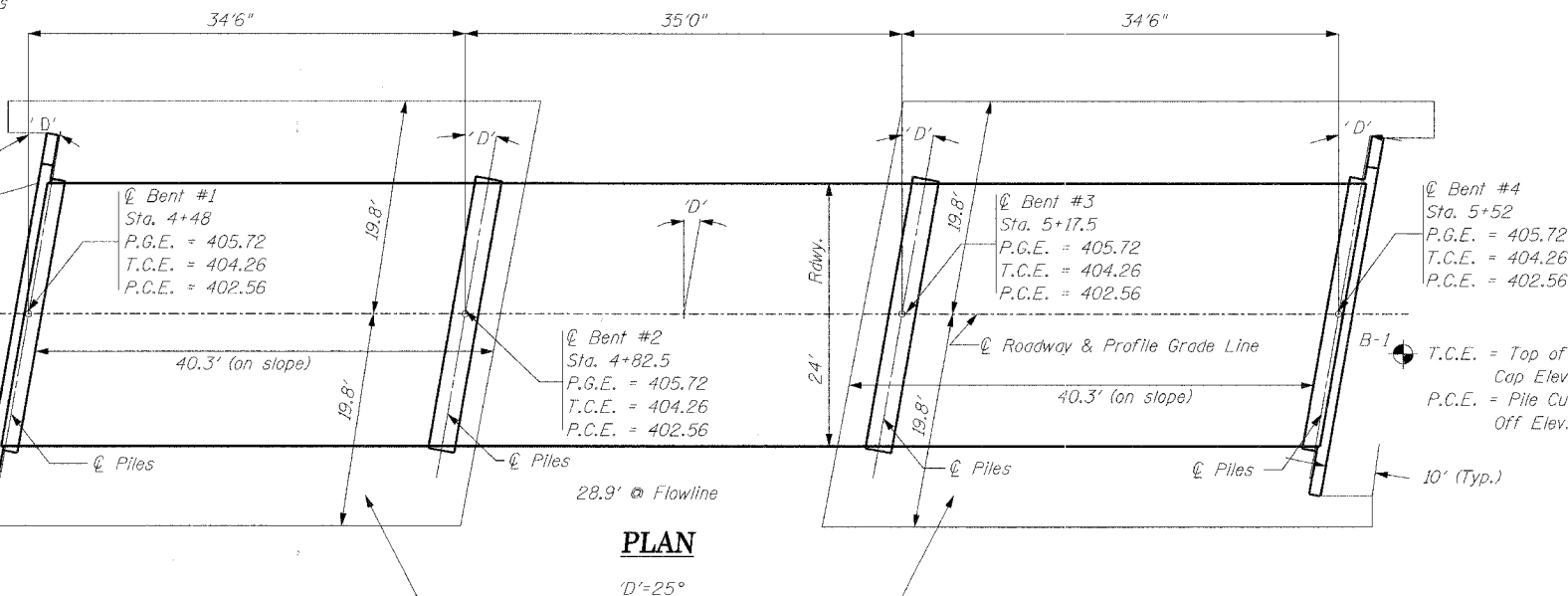
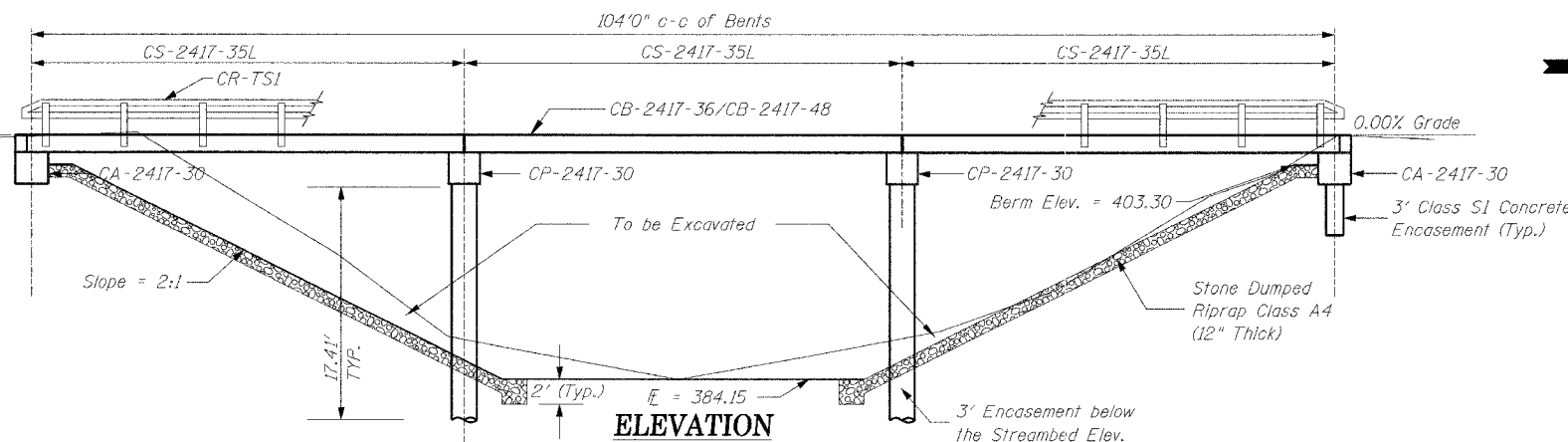
DUSTIN K. BUNTING  
 NAME  
 SIGNATURE  
 DATE 05-08-05  
 11-30-05 EXPIRES

TOWNSHIP ROUTE 236  
 AUXIER CREEK  
 HAMILTON COUNTY, ILLINOIS

Existing Bridge Sta 5+04.36;  
 Structure Number: 033-3189  
 A 96' long single span bridge with a wooden deck on 6 steel I-beams and wooden piling.

One (1) Each Removal of Existing Structures allowed in Proposal

NOTE: All items deemed fit for use on other Road District projects shall become the property of the said District. These items shall be stored along the R.O.W. at no additional cost to the Project.

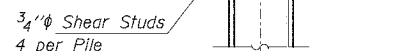


NOTE: The Article or Section Numbers Referencing the Standard Specifications for Road and Bridge Construction as shown on the Standard Bridge Plan Sheets included with the contract plans should be interpreted as referring to the current edition of the Standard Specification (Adopted January 1, 2002) as shown in the "Article/Section No. Reference Table."

ARTICLE/SECTION NO.	REFERENCE TABLE
Previous No.	Current No.
504.06	504.06
505.04	505.04
706.05	1006.05
706.32	1006.32
760.07	1060.07
STD 2340	STD 631026

**PILE DATA (2-PIERS)**

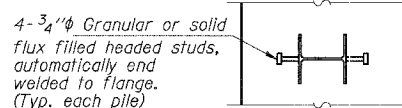
Type: Steel Piles HP12X53  
 Capacity: Drive to Refusal  
 Estimated Length: 72 Feet/Pile  
 Number Required: 8



**PILE DETAIL**

**PILE DATA (2-ABUTS)**

Type: Steel Piles HP12X53  
 Capacity: Drive to Refusal  
 Estimated Length: 72 Feet/Pile  
 Number Required: 8

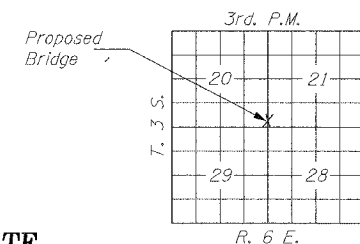


**SECTION B-B**

STATION 5+00  
 AUXIER CREEK  
 SEC. 00-03136-00-BR BUILT 20  
 PROJECT BRS-065(35)  
 HAMILTON COUNTY  
 LOADING HS 20-44  
 STR. NO. 033-3297

**LETTERING FOR NAME PLATE**

Locate Name Plate at the Southeast corner of the Bridge (See Std. CN)



**LOCATION SKETCH**

**INDEX OF SHEETS**

1. General Plan & Elevation
2. Standard CS-2417-35L
3. Standard CB-2417-36
4. Standard CB-2417-48
5. Standard CA-2417-30
6. Standard CP-2417-30
7. Standard CR-TS1
8. Standard CN
9. Standard CX-1

**WATERWAY INFORMATION**

Drainage Area = 66 sq.mi.		Low Grade Elev. = 398.34 at Sta. 7+58				
Flood	Freq. Yr.	Q C.F.S.	Opening Sq Ft	Natural H.W.E.	Head-Ft	Headwater El.
Design	15	4430	879.4	982.3	401.30	401.56
Base	100	6515	879.4	1074.2	402.47	403.13
Overtopping						
Max. Calc.	500	8110				

**GENERAL PLAN AND ELEVATION**

TOWNSHIP ROUTE 236  
 OVER AUXIER CREEK  
 SECTION 00-03136-00-BR  
 HAMILTON COUNTY  
 STATION 5+00

**SHEET TITLE:**

GENERAL PLAN AND ELEVATION

SCALE: NONE  
 BY: DEB  
 DATE: 04/01  
 REV:

4 OF 13 SHEETS

SHEET NO. 4

**SEISMIC DATA**

Seismic Performance Category (SPC) = B  
 Bedrock Acceleration Coefficient (A) = 0.095g  
 Site Coefficient (S) = 1.5



Expires 11-30-06

Steven W. Meggitt 3-18-05  
 ILLINOIS STRUCTURAL NO. 6064  
 Complies with 2002 AASHTO Specifications for Seismic Design of Bridges.

**DESIGN SPECIFICATIONS**

2002 AASHTO  
 HS 20-44 Loading. Load Factor Design.