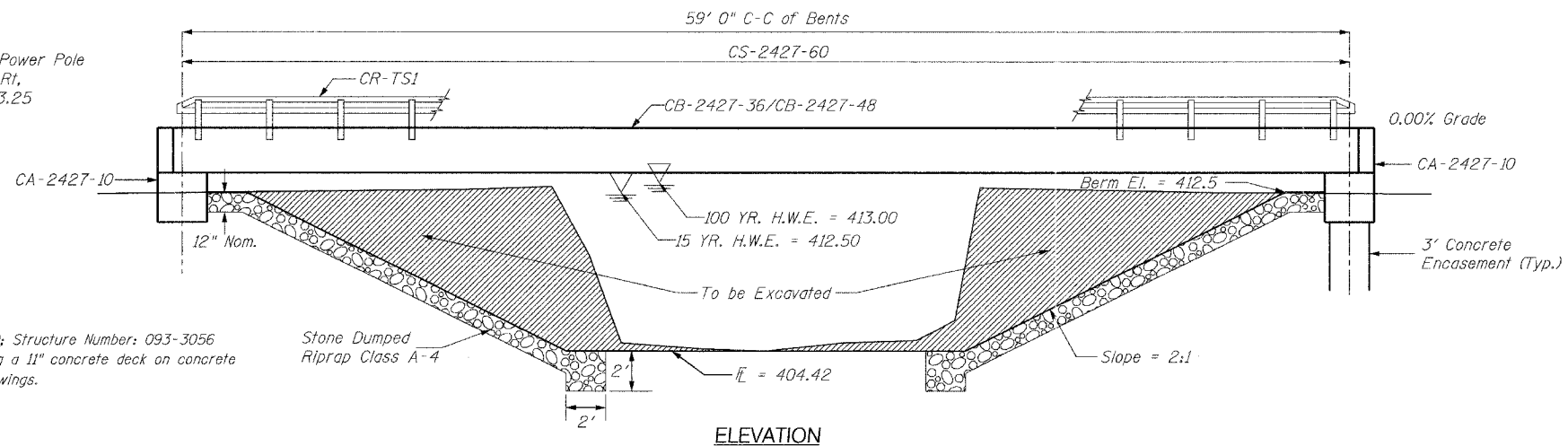
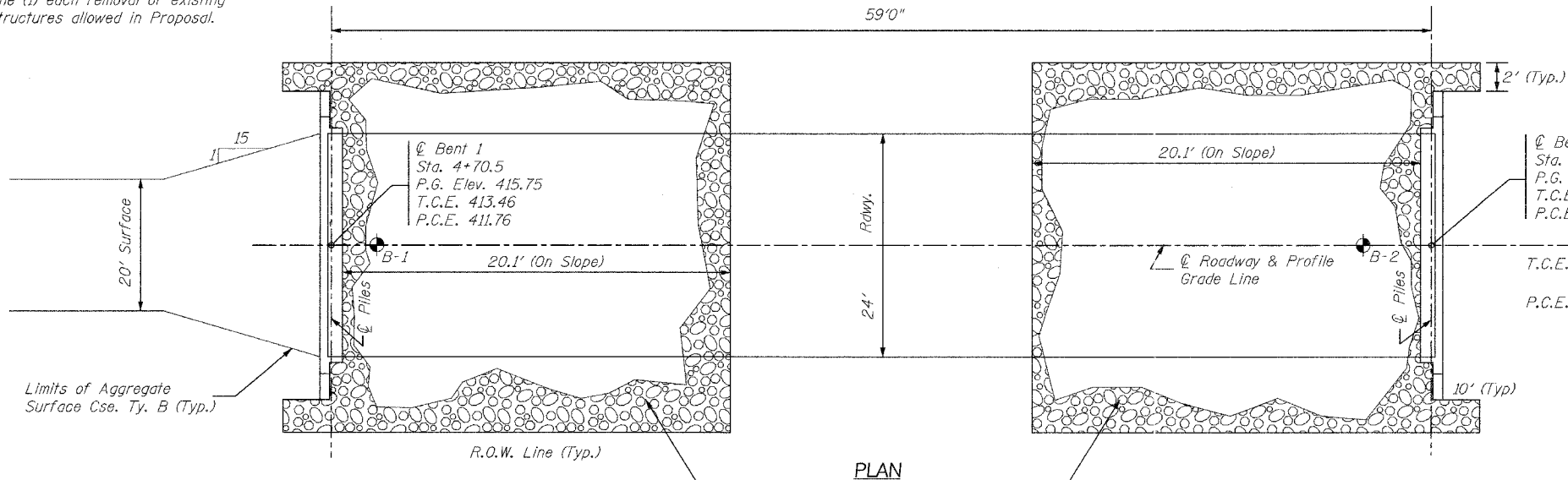


B.M. - Nail & Rag in Power Pole  
±Sta 9+89.5 RT,  
Elevation = 413.25



Existing Bridge Sta 5+00; Structure Number: 093-3056  
A 23' Long Bridge having a 11" concrete deck on concrete abutments with concrete wings.

One (1) each removal of existing structures allowed in Proposal.



Limits of Aggregate Surface Cse. Ty. B (Typ.)

189 Ton-Stone Dumped Riprap Class A-4 allowed in Proposal (92 Ton West, 97 Ton East)

NOTE: All items deemed fit for use on other Road District projects shall become the property of the said Road 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

DESIGN SPECIFICATIONS

1996 AASHTO  
HS 20-44 Loading, Load Factor Design

PILE DATA (2-ABUTS.)

Type: Steel Piles HP 10X42  
Capacity: 84 tons (Refusal)  
Estimated Length: 70 Feet  
Number Required: 8 (Includes 1 Test Pile in Bent #1)

STATION 5+00  
GREATHOUSE CREEK  
SEC. 04-03111-00-BR BUILT 20  
PROJECT NO. BROS-185(19)  
WABASH COUNTY  
LOADING HS 20-44  
STR. NO. 093-3127

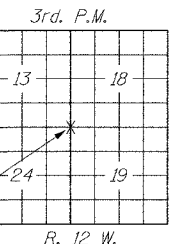
LETTERING FOR NAME PLATE

Locate Name Plate at the Southwest Corner of the Bridge (See Sd. CN)

WATERWAY INFORMATION

Drainage Area = 2.9 Sq. Mi. Low Grade Elev. = 412.31 At Sta. 7+78.21

Flood	Freq. Yr.	Q C.F.S.	Opening Sq.Ft.		Natural H.W.E.	Head-Ft.		Headwater El.	
			Exist.	Prop.		Exist.	Prop.	Exist.	Prop.
Design	15	935	125	294	412.50	1.64	0.30	414.14	412.80
Base	100	1515	125	322	413.00	4.74	0.69	417.74	413.69
Overtopping									
Max. Calc.	500	1995							



NOTE: Four (4) Each Curled End Sections required. Item to be incidental to the Steel Railing

INDEX OF SHEETS

1. General Plan & Elevation
2. Standard CS-2427-60
3. Standard CB-2427-36
4. Standard CB-2427-48
5. Standard CA-2427-10
6. Standard CR-TS1
7. Standard CN
8. Standard CX-1

GENERAL PLAN & ELEVATION

T.R. ROUTE 125  
OVER GREATHOUSE CREEK  
SECTION 04-03111-00-BR  
WABASH COUNTY  
STATION 5+00

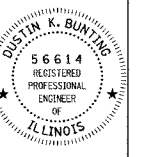
GENERAL NOTES

1. The Contractor shall drive one test pile, as specified, in a permanent location as directed by the Engineer before ordering the remaining piles.
2. Class S1 Concrete shall be used throughout except in the deck beams.
3. See Special Provisions for boring logs.
4. A Calcium Nitrite Corrosion Inhibitor, as covered in the Special Provisions, shall be used in the concrete for precast prestressed concrete deck beams.
5. The Bit. Conc. Surf. Cse. Class I and the Waterproofing Membrane System shown in these Plans shall not be provided.

Item	Unit	Super	Sub.		Total
			Piers	Abuts.	
Removal of Existing Structures	L. Sum				1
Bit. Conc. Surf. Cse. Class I	Lans				
Waterproofing Membrane System	Sq.Yds.				
Concrete Structures				18.2	18.2
P.P. Conc. Dk. Bm. 27" Dp.	Sq.Ft.	1440			1440
Steel Railing, Type S1	Lin.Ft.	120			120
Reinforcement Bars	Lbs.			1980	1980
Furnishing Steel Piles HP10X42	Lin.Ft.			490	490
Driving Steel Piles	Lin.Ft.			490	490
Test Pile Steel HP10X42	Each			1	1
Name Plates	Each			1	1
Concrete Encasement	Cu.Yds.			2.1	2.1



PROFESSIONAL LAND SURVEYING FIRM  
048-000082  
PROFESSIONAL ENGINEERING CORPORATION  
184-000887



DUSTIN K. BUNTING  
NAME  
SIGNATURE  
DATE 02-04-05  
11-30-05 EXPIRES

TOWNSHIP ROUTE 125  
GREATHOUSE CREEK  
WABASH COUNTY, ILLINOIS

SHEET TITLE:

GENERAL PLAN AND ELEVATION

SCALE: NONE  
BY: DKB  
DATE: 11/20/04  
REV:

5 OF 13 SHEETS

SHEET NO. 5