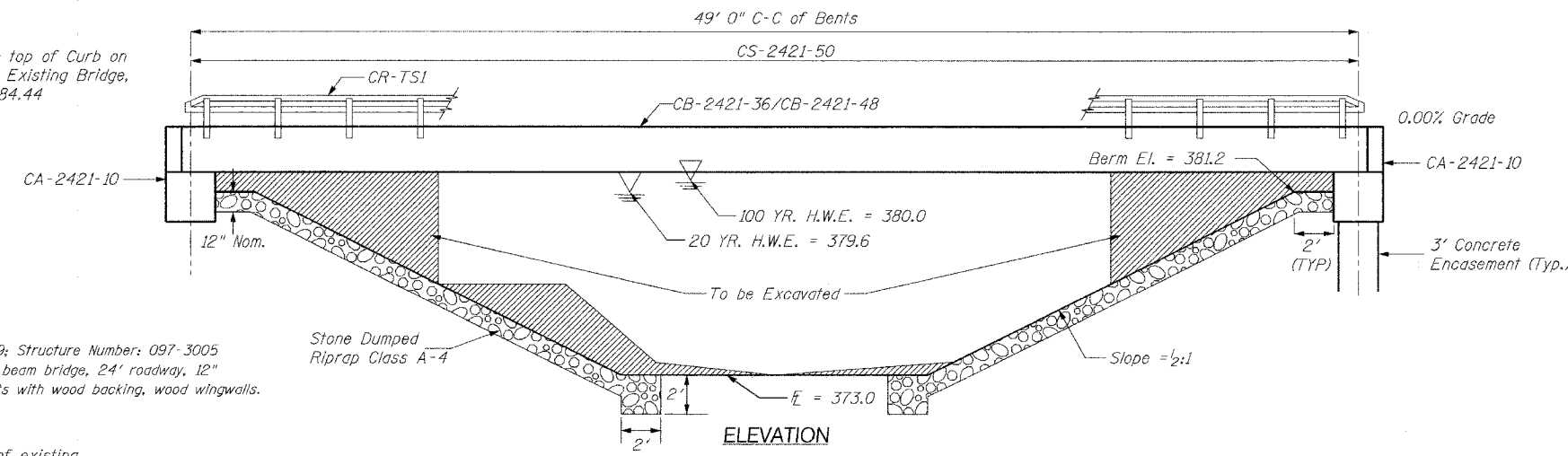
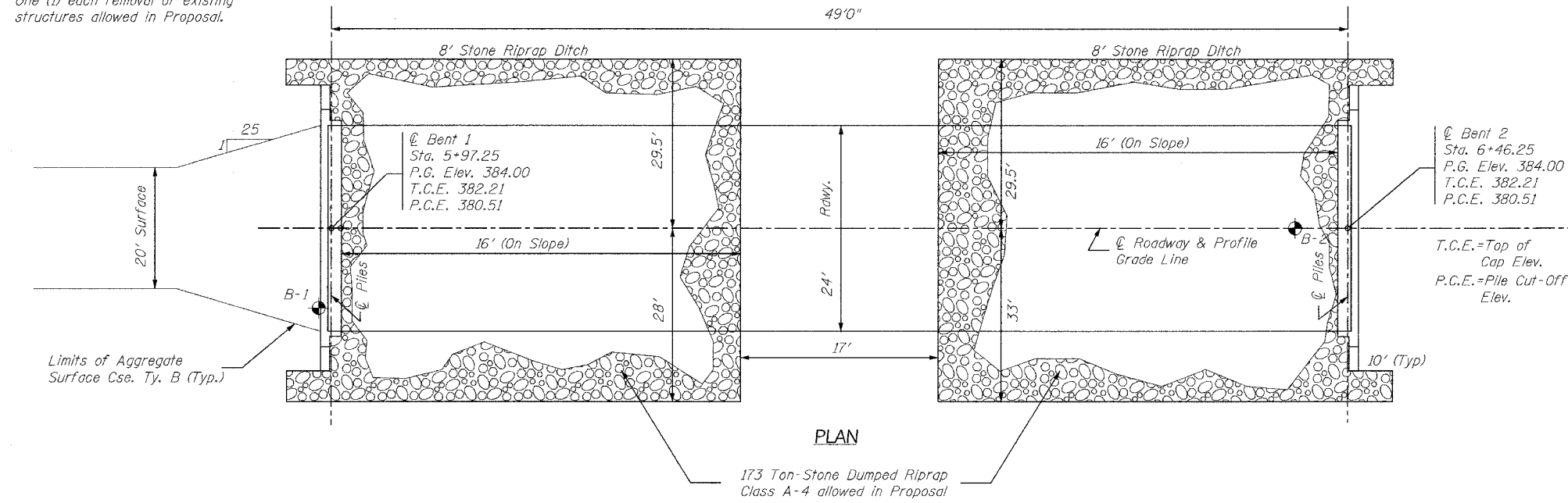


B.M. - SE Corner on top of Curb on NE Corner of Existing Bridge, Elevation = 384.44



Existing Bridge Sta 6+19; Structure Number: 097-3005  
A 30' precast concrete beam bridge, 24' roadway, 12" wood piles, 12" abutments with wood backing, wood wingwalls.

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



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

NOTE: All items deemed fit for use on other County projects shall become the property of the County. 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.)

Bent #1:  
Type: Steel Piles HP10X42  
Capacity: 84 Tons (Refusal)  
Estimated Length: 82 Feet  
Number Required: 8 (Includes 1 Test Pile in Bent #1)

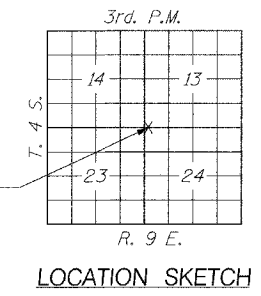
STATION 6+21.75  
WILSON CREEK  
SEC. 91-00071-00-BR BUILT 20  
PROJECT NO. BRS-882(115)  
WHITE COUNTY  
LOADING HS 20-44  
STR. NO. 097-3215

LETTERING FOR NAME PLATE

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

WATERWAY INFORMATION

Drainage Area = 3.3 Sq. Mi. Low Grade Elev. = 381.70 At Sta. 10+00									
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	20	1140	140	178	379.60	0.55	0.35	381.15	379.95
Base	100	1715		194	380.00		0.93		380.93
Overtopping									
Max. Calc.	500								



GENERAL NOTES

- The Contractor shall drive one test pile, as specified, in a permanent location as directed by the Engineer before ordering the remaining piles.
- Class S1 Concrete shall be used throughout except in the deck beams.
- See Special Provisions for boring logs.
- A Calcium Nitrite Corrosion Inhibitor, as covered in the Special Provisions, shall be used in the concrete for precast prestressed concrete deck beams.
- The Blf. 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	Cu.Yds.			17.2	17.2
P.P. Conc. Dk. Bm. 21" Dp.	Sq.Ft.	1200			1200
Steel Railing, Type S1	Lin.Ft.	100			100
Reinforcement Bars	Lbs.			1840	1840
Furnishing Steel Piles HP10X42	Lin.Ft.			574	574
Driving Steel Piles	Lin.Ft.			574	574
Test Pile Steel HP10X42	Each			1	1
Name Plates	Each			1	1
Concrete Encasement	Cu.Yds.			2.1	2.1

NOTE: See sheet two (2) of these plans for the Schedules of Traffic Barriers and Curled End Sections required on this Section.

INDEX OF SHEETS

- General Plan & Elevation
- Standard CS-2421-50
- Standard CB-2421-36
- Standard CB-2421-48
- Standard CA-2421-10
- Standard CR-TS1
- Standard CN
- Standard CX-1

GENERAL PLAN & ELEVATION	
F.A.S.	ROUTE 882
OVER	WILSON CREEK
SECTION	91-00071-00-BR
	WHITE COUNTY
STATION	6+21.75

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

**LAMAC**  
ENGINEERING CO.

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

MICHAEL L. GILL  
REGISTERED PROFESSIONAL ENGINEER OF ILLINOIS

MICHAEL L. GILL  
NAME  
SIGNATURE  
DATE 11-16-09  
11-30-05  
EXPIRES

F.A.S. ROUTE 882 (CH 10)  
WILSON CREEK  
WHITE COUNTY, ILLINOIS

SHEET TITLE:  
GENERAL PLAN AND ELEVATION

SCALE: NONE

BY: DKB

DATE: 08/20/11

REV:

6 OF 14 SHEETS

SHEET NO. 6