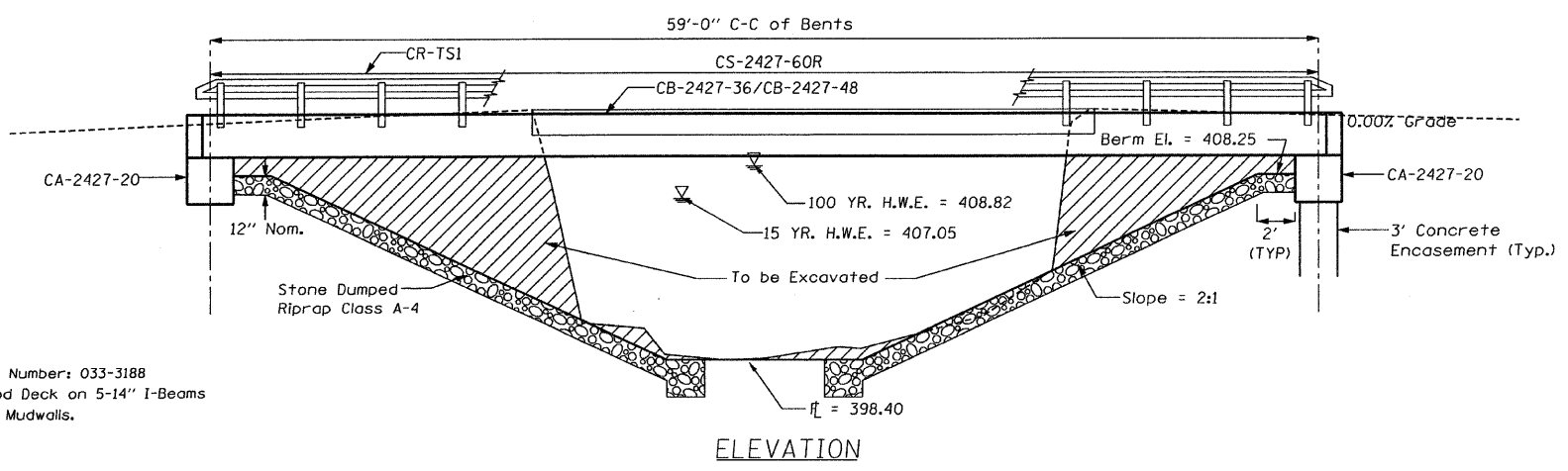
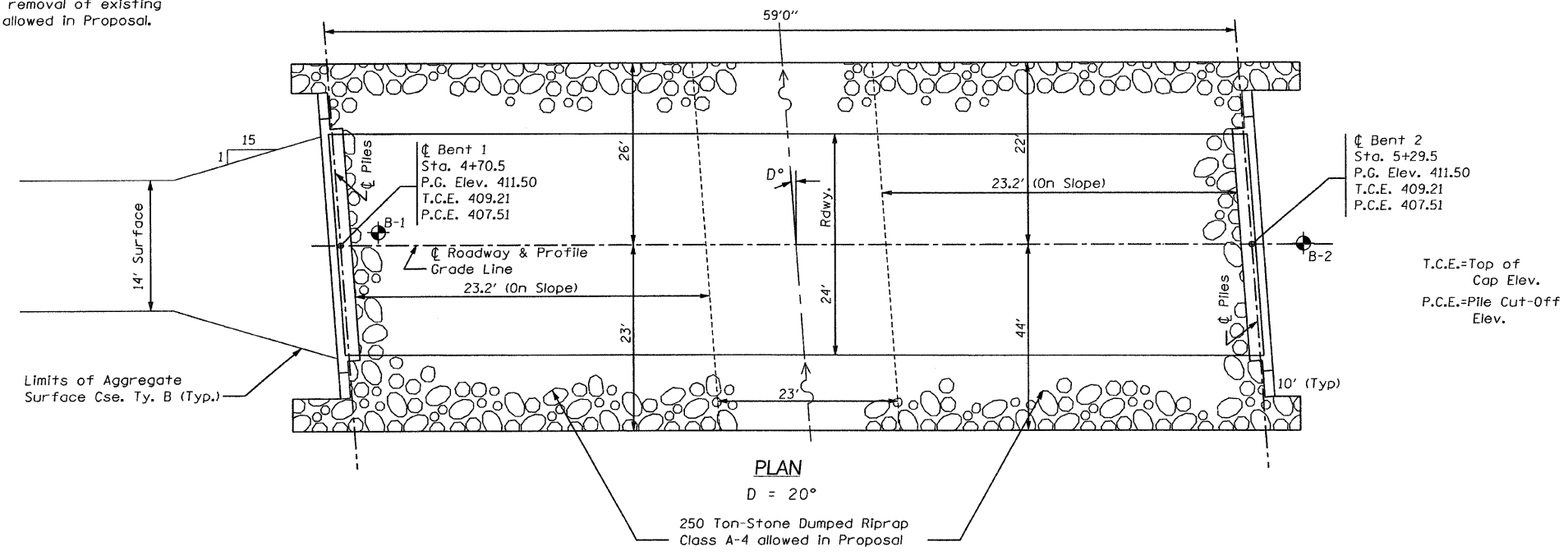


B.M.: I.P. ±0+55.13, 26.79' RT.
Elev. = 417.54



Existing Bridge Sta 5+00; Structure Number: 033-3188
A 28' Single Span Bridge with 2" Wood Deck on 5-14" I-Beams
on 5 Wooden Piling with 2"x12" Wood Mudwalls.

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



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, 2007) 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
1006.05	1006.05
1006.32	1006.32
1060.07	1060.07
STD 631026	STD 631026

WEST ABUT. PILE DATA

Type:	Steel Piles HP10X42
Nominal Required Bearing:	258 Kips
Allowable Resistance Available:	86 Kips
Estimated Length:	27 Feet/Pile
Number Required:	4

EAST ABUT. PILE DATA

Type:	Steel Piles HP10X42
Nominal Required Bearing:	258 Kips
Allowable Resistance Available:	86 Kips
Estimated Length:	29 Feet/Pile
Number Required:	3 (Includes 1 Test Pile)

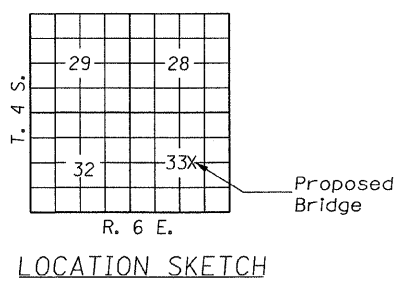
DESIGN SPECIFICATIONS
2002 AASHTO
HS 20-44 Loading, Load Factor Design

STATION 5+00
BIG CREEK TRIBUTARY
SEC. 04-09112-00-BR BUILT 20
PROJECT NO. BROS-065(039)
HAMILTON COUNTY
LOADING HS 20-44
STR. NO. 033-3305

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. = 409.89 At Sta. 7+25

Flood	Freq. Yr.	0 C.F.S.	Opening Sq.Ft.		Natural H.W.E.	Head-Ft.		Headwater El.	
			Exist.	Prop.		Exist.	Prop.	Exist.	Prop.
Design	15	1009	201	256	407.05		0.19		407.24
Base	100	1578	239	353	408.82	0.55	0.48	409.37	409.3
Max. Calc.	500	2034							



INDEX OF SHEETS

1.	General Plan & Elevation
2.	Standard CS-2427-60R
3.	Standard CB-2427-36
4.	Standard CB-2427-48
5.	Standard CA-2427-20
6.	Standard CR-TS1
7.	Standard CN
8.	Standard CX-1

Item	Unit	Super	Sub.		Total
			Piers	Abuts.	
Removal of Existing Structures	L Sum				1
Bit Conc. Surf. Cse. Superpave	Tons				
Waterproofing Membrane System	Sq.Yds.				
Concrete Structures	Cu.Yds.		19.4		19.4
P.P. Conc. Dk. Bm. 27" Dp.	Sq.Ft.	1440			1440
Steel Railing, Type S1	Lin.Ft.	120			120
Reinforcement Bars	Lbs.		2440		2440
Furnishing Steel Piles HP10X42	Lin.Ft.		195		195
Driving Piles	Lin.Ft.		195		195
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.