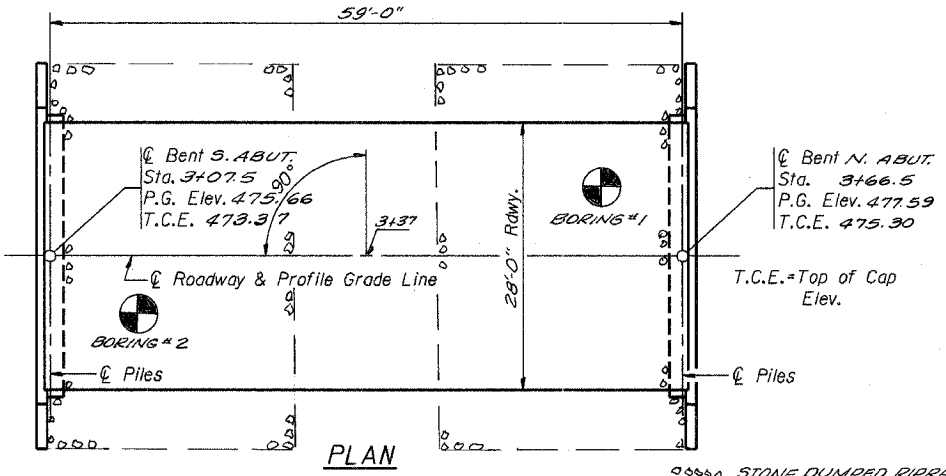
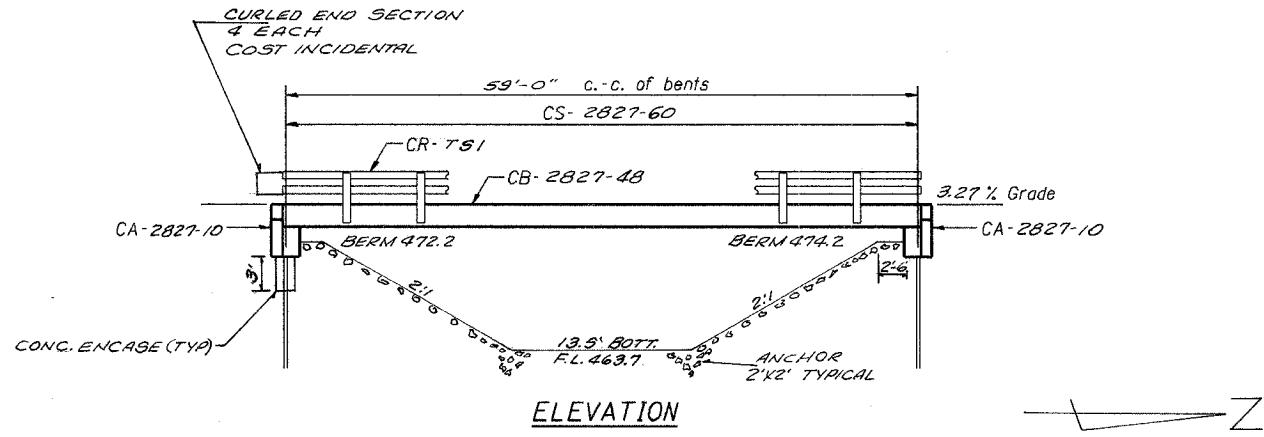


ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CRAWFORD	9	3
FED. ROAD DIST. NO. 7	SA. NO. 8	FED. AID PROJECT		
SEC. 05-06129-00-BR				

B.M.  
Existing Structure  
Salvage



STONE DUMPED RIPRAP CLA-4 12" MIN. THICKNESS  
S. ABUT = 47 TON  
N. ABUT = 56 TON

**GENERAL NOTES**

- The Contractor shall drive 1 test piles, as specified, in a permanent location as directed by the Engineer before ordering the remaining piles.
- See Special Provisions for boring logs.
- A Corrosion inhibitor, as covered in the Special Provisions, shall be used in the concrete for precast prestressed concrete deck beams.

**TOTAL BILL OF MATERIAL**

Item	Unit	Super	Sub.		Total
			Piers	Abuts.	
Removal of Existing Structures	Each				1
Bituminous Concrete Surface Course - Superpave	Ton				
Waterproofing Membrane System	Sq. Yd.				
Concrete Structures	Cu. Yd.			20.8	20.8
Precast Prestressed Concrete Deck Beams (27" Depth)	Sq. Ft.	1680			1680
Steel Bridge Rail, Type SM	-Foot-				
Steel Railing, Type S-1	Foot	120			120
Reinforcement Bars	Pound			2580	2580
Furnishing STEEL PILES HP10X42	Foot			270	270
Driving STEEL PILES	Foot			270	270
Test Piles STEEL HP10X42	Each			1	1
Name Plates	Each			1	1
Concrete Encasement	Cu. Yd.			26	26
Portland Cement Mortar Fairing Course	-Foot-				
STONE DUMPED RIPRAP CLA-4	TON			103	103

**DESIGN SPECIFICATIONS**  
2002 AASHTO Standard Specifications - 17th ed.

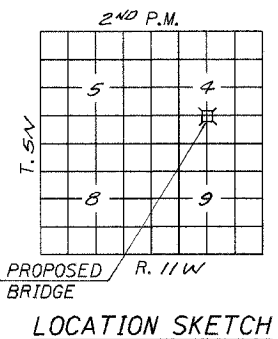
**LOADING HS20-44**  
Allow 25#/sq. ft. for future wearing surface.

**SEISMIC DATA**  
Seismic Performance Category (SPC) =  
Bedrock Acceleration Coefficient (A) =  
Site Coefficient (S) =

**PILE DATA (2-ABUTS.)**  
Type STEEL HP10X42  
Capacity Tons REFUSAL  
Estimated Length 30 Feet  
Number Required 10 (Includes 1 Test Pile located in Bent #1) S. ABUT.

STATION 3437  
PROJECT NO. BR05-033(44)  
SEC. 05-06129-00-BR BUILT 20  
CRAWFORD COUNTY  
LOADING HS20  
STR. NO. 017-3639

**LETTERING FOR NAME PLATE**  
Locate Name Plate at S.E. Corner of Bridge (See Std. CN)



**WATERWAY INFORMATION**

Drainage Area = 3.39 sq. mi. Low Grade Elev. = 471.5 @ Sta. 0+00

Flood Yr.	Freq.	Opening Sq. Ft.		Nat. H.W.E.	Head - Ft.		Headwater El.		APPROACH OPENING		
		Exist.	Prop.		Exist.	Prop.	Exist.	Prop.	EXIST	PROP	
Design	15	1051	159	259	472.2	1.0	0	473.2	472.2	401	400
Base	100	1713	158	285	472.7	3.2	0.7	475.9	473.4	702	694
Overtopping											
Max. Calc.	500	2259			473.0		1.4		474.4		

**INDEX OF SHEETS**

- General Plan & Elevation
- Standard CS-2827-60
- Standard CB-2827-48
- Standard CA-2827-10
- Standard CR-751
- Standard CN
- Standard CX-1
- Standard
- Standard

**GENERAL PLAN & ELEVATION**  
TR ROUTE 284  
OVER \_\_\_\_\_  
SECTION 05-06129-00-BR  
CRAWFORD COUNTY  
STATION 3437