

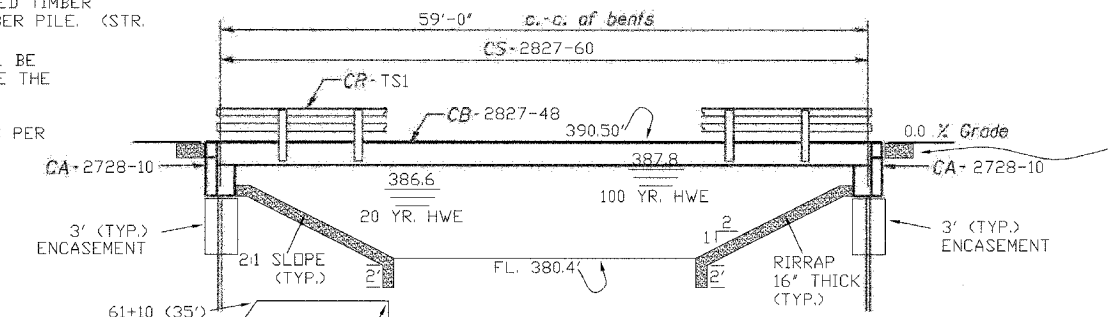
B.M. PK NAIL ON CENTERLINE AT STATION  
58+00 - ELEV. 389.50

Existing Structure- SINGLE SPAN, 40.5' F-F, 6" THICK CONCRETE DECK,  
ON 6 - 21" I-BEAM STRINGERS, 6" CONCRETE CURBS  
22' F-F, WITH STEEL RAIL. CLOSED TIMBER  
ABUTMENTS, WING WALLS AND TIMBER PILE. (STR.  
NO. 096-3041)

Salvage- SALVAGABLE PORTIONS OF THE BRIDGE SHALL BE  
STOCKPILED ON THE R.O.W. AND SHALL BECOME THE  
PROPERTY OF THE COUNTY. PORTIONS NOT  
SALVAGABLE SHALL BE DISPOSED OF BY THE  
CONTRACTOR AT CONTRACTOR'S EXPENSE. (AS PER  
ART. 202.03)

ROUTE NO.	SECTION	COUNTY	SHEET	TOTAL
FAS 2821		WAYNE	10	4
FED. ROAD DIST. NO. 7		ILLINOIS		FED. AID PROJECT

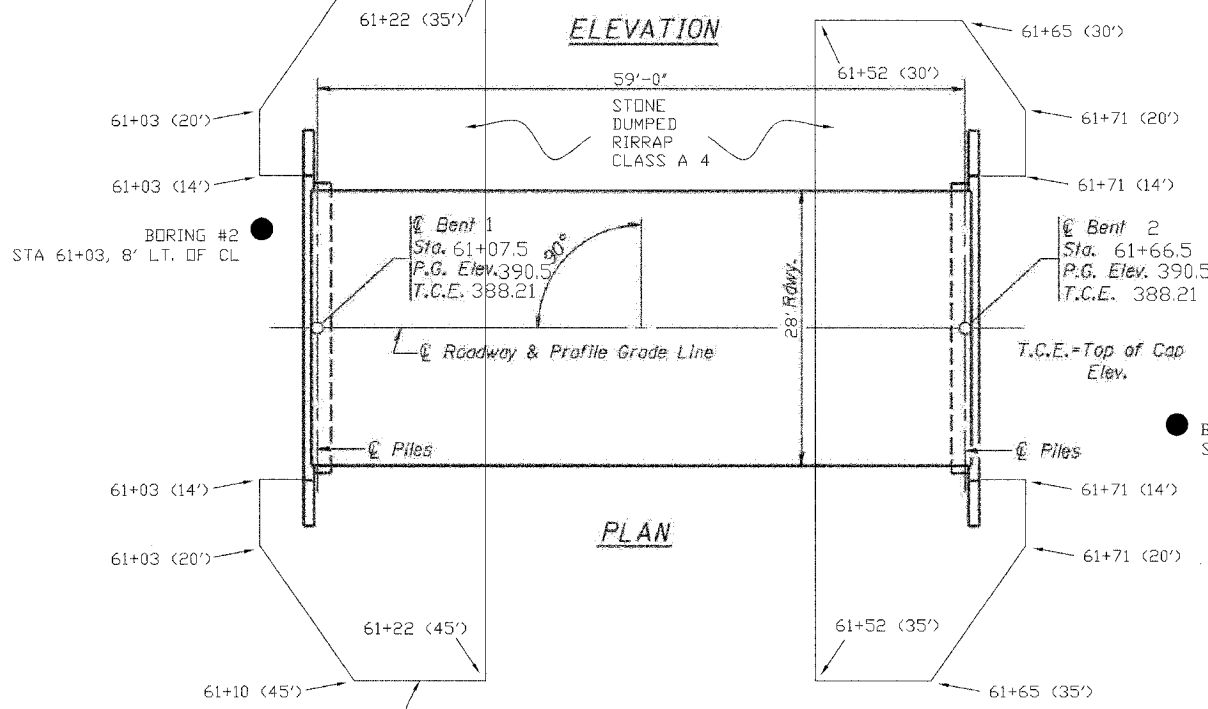
SECTION 03-00112-00-BR  
CON # 95463



GRANULAR MATERIAL TO BE  
PLACED BEHIND EACH ABUTMENT  
MUDWALL. (2'x2'x28" EACH END  
OF BRIDGE) 15 TON AGGREGATE  
SHOULDERS TYPE B ALLOWED IN  
PROPOSAL.

**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 HP 10x57 STEEL PILE	Foot	-	-	630	630
Driving STEEL PILE HP 10x57	Foot	-	-	630	630
Test Piles STEEL PILE HP 10x57	Each	-	-	1	1
Name Plates	Each	-	-	1	1
Concrete Encasement CLASS SI	Cu. Yd.	-	-	2.6	2.6
Portland Cement Mortar Fairing Course	Foot	-	-	-	-

LIMITS OF RIPRAP (TYP.)  
LIMITS OF RIPRAP MAY BE ADJUSTED TO MEET  
CONDITIONS IN THE FIELD. THE ENGINEER SHALL  
APPROVE THE LAYOUT & GRADE PRIOR TO THE  
PLACEMENT OF THE RIPRAP.

**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) =

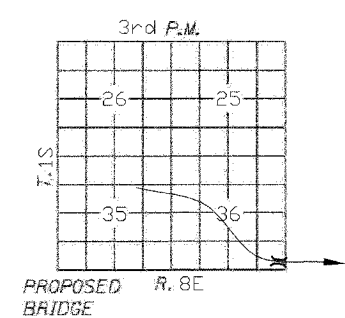
**PILE DATA (2-ABUTS.)**

Type HP 10 x 57 STEEL PILE  
Capacity ~~Tens~~ REFUSAL  
Estimated Length 70 Feet  
Number Required 10 (Includes 1 Test Pile located  
in Bent #1)  
CUTOFF ELEV. 386.71

STATION 61+37  
OWENS CREEK  
SEC. 03-00112-00-BR BUILT 200  
~~ROAD DIST.~~  
WAYNE COUNTY  
LOADING HS20  
STR. NO. 096-3441

**LETTERING FOR NAME PLATE**

Locate Name Plate at S. E.  
Corner of Bridge (See Std. CN)



**LOCATION SKETCH**

**WATERWAY INFORMATION**

Drainage Area = 3.24 SQ. MI. Low Grade Elev. = 380.4 Sta. 61+37

Flood	Freq. Yr.	Q C.F.S.	Opening Exist.	Sq. Ft. Prop.	Nat. H.W.E.	Head Exist.	Head Prop.	Headwater El. Exist.	Headwater El. Prop.
Design	20	1260	186	259	386.6	0	0	386.6	386.6
Base	100	1800	219	327	386.6	0	0	387.8	387.8
Overtopping									
Max. Calc.	500								

**INDEX OF SHEETS**

- General Plan & Elevation
- Standard CS-2827-60
- Standard CB-2827-48
- Standard CA-2827-10
- Standard CR-TS1
- Standard CN
- Standard CX-1
- Standard
- Standard

**GENERAL PLAN & ELEVATION**  
FAS ROUTE 2821  
OVER OWENS CREEK  
SECTION 03-00112-00-BR  
WAYNE COUNTY  
STATION 61+37