

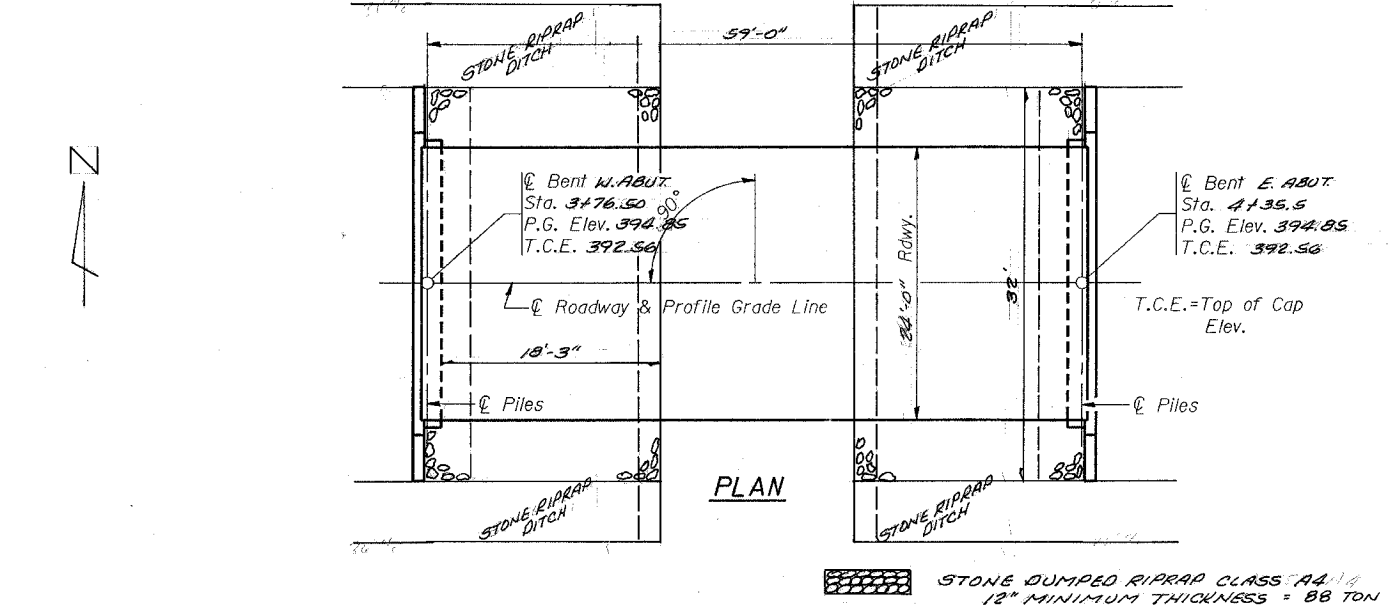
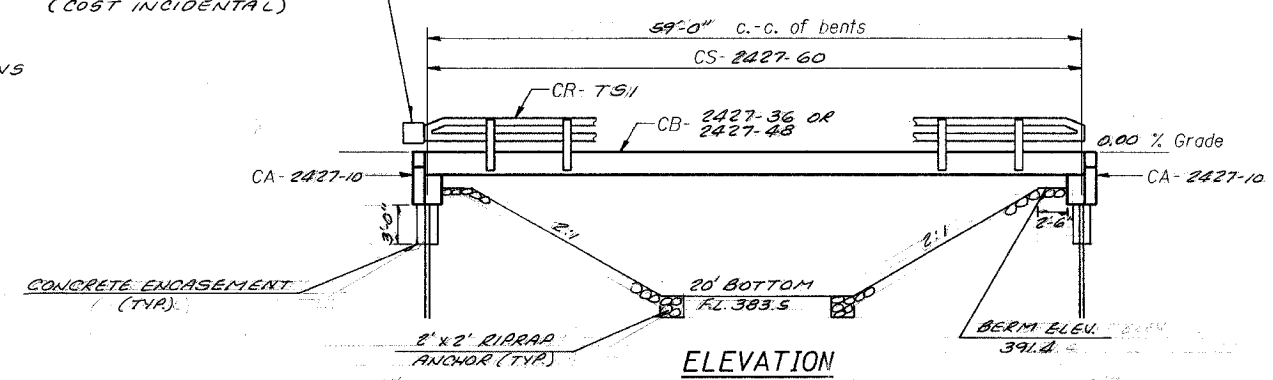
F.A.R. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET
03-0111-00-BR	WAYNE		11	4
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	PROJECT		

B.M. - SEE PLAN-PROFILE

Existing Structure - SEE PLAN-PROFILE

Salvage - SEE SPEC. PROVISIONS

PROVIDE CURLED END SECTION @ EACH CORNER OF BRIDGE (COST INCIDENTAL)



STONE DUMPED RIPRAP CLASS AA-1.6
12" MINIMUM THICKNESS = 88 TON

GENERAL NOTES

- The Contractor shall drive 2 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 Calcium Nitrite 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, Class I-	-Ton-				
Waterproofing Membrane System	-Sq. Yd.-				
Concrete Structures	Cu. Yd.			18.2	18.2
Precast Prestressed Concrete Deck Beams (27" Depth)	Sq. Ft.	1440			1440
Steel Bridge Rail, Type SM	-Foot-				
Steel Railing, Type S-1	Foot	120			120
Reinforcement Bars	Pound			1980	1980
Furnishing STEEL PILES HP 10 x 42	Foot			324	324
Driving STEEL PILES	Foot			324	324
Test Piles STEEL HP 10 x 42	Each			2	2
Name Plates	Each				1
Class 5+ Concrete Encasement	Cu. Yd.			2.06	2.06
STONE DUMPED RIPRAP CLASS AA	TON				88

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	631026

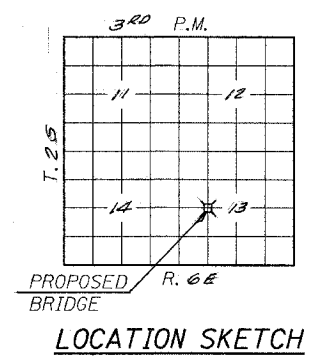
PILE DATA (2-ABUTS.)

Type HP 10 x 42
Capacity REFUSAL Tons
Estimated Length 54 Feet
Number Required 8 (Includes 2 Test Pile located in EACH ABUT.)

STATION 4+06
SEC. 03-0111-00-BR BUILT 200
WAYNE COUNTY
LOADING HS20
STR. NO. 096-3438

LETTERING FOR NAME PLATE

Locate Name Plate at S.W. COR. OF BRIDGE
Corner of Bridge (See Std. CN)



INDEX OF SHEETS

- General Plan & Elevation
- Standard CS - 2427-60
- Standard CB - 2427-36
- Standard CB - 2427-48
- Standard CA - 2427-10
- Standard CR - TS1
- Standard CN
- Standard CK - 1
- Standard

WATERWAY INFORMATION

Drainage Area = 0.55 SQ. MI. Low Grade Elev. = 390.8 @ Sta. 0+42

Flood	Freq. Yr.	Opening Sq. Ft.		Nat. H.W.E.	Head - Ft.		Headwater El.	
		Exist.	Prop.		Exist.	Prop.	Exist.	Prop.
Design	15	231	387.7	387.7	0	0	387.7	387.7
Base	100	373	388.9	388.9	0.1	0	389.0	388.9
Overtopping								
Max. Calc.	500							

DESIGN SPECIFICATIONS

1992 AASHTO, 1993 & 1994 Interims
HS20-44 Loading. Load Factor Design.

GENERAL PLAN & ELEVATION
TR ROUTE 515
OVER TRIBUTARY TO DRY FORK
SECTION 03-0111-00-BR
WAYNE COUNTY
STATION 4+06