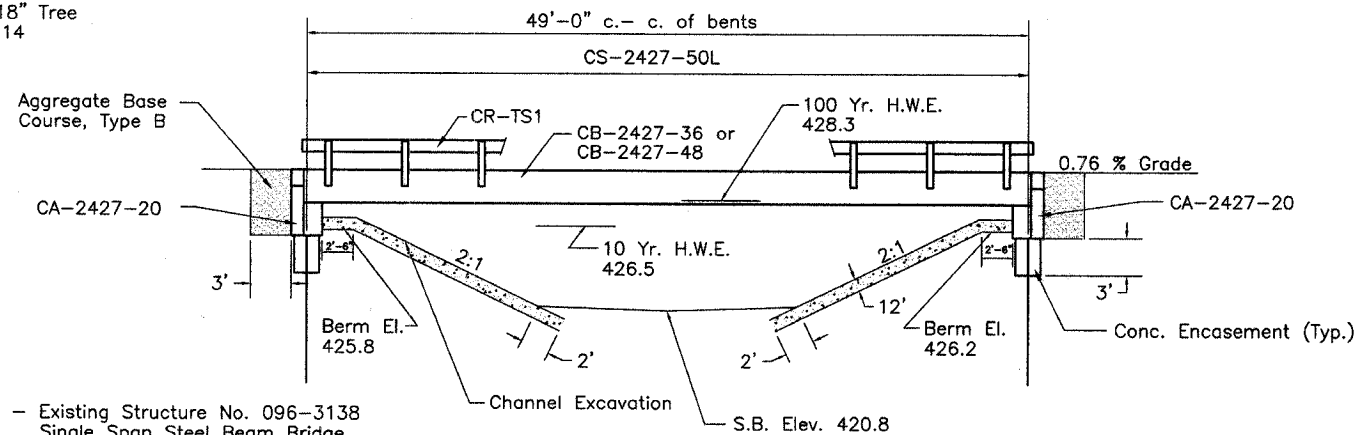


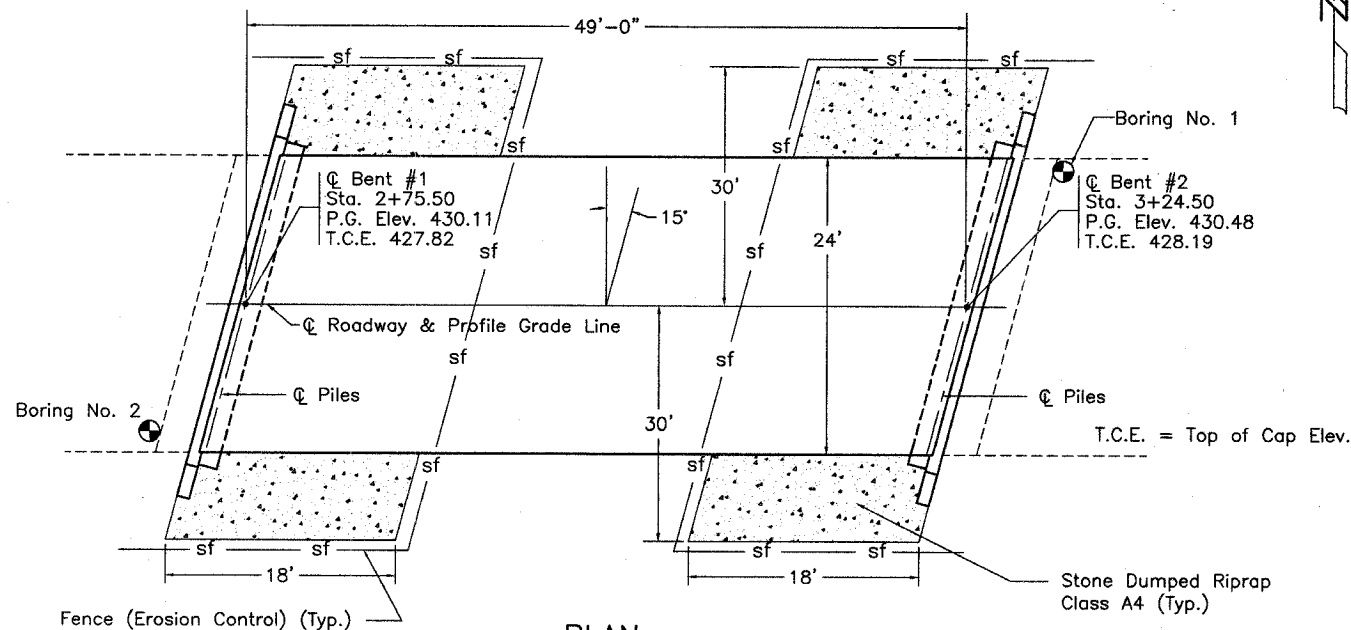
B.M. - Rt. Sta. 3+80
Spike in 18" Tree
Elev. 431.14

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
T.R. 349	01-10116-00-BR	WAYNE	13	4
CONTRACT NO. 95497		ILLINOIS		



Existing Structure - Existing Structure No. 096-3138
Single Span Steel Beam Bridge
24' Bk.- Bk. Abutments
Closed Concrete Abutments
14' Concrete Deck

ELEVATION



PLAN

Salvage - Any material deemed salvageable by the Engineer shall be stockpiled on the R.O.W. and shall become the property of the Hickory Hill Road District Commissioner. The Contractor shall dispose of all remaining material.

PILE DATA (2-ABUTS.)

Type	HP 10 X 42
Capacity	76 Kips
Estimated Length	35'
Number Required	8 (Includes 1 Test Pile located in Bent #1)
Revised Estimate	228 Kips

LOADING HS20-44

Allow 25#/sq. ft. for future wearing surface

SEISMIC DATA

Seismic Performance Category (SPC) = A
Bedrock Acceleration Coefficient (A) = 9.3% g
Site Coefficient (S) =

DESIGN SPECIFICATIONS

2002 AASHTO Standard Specifications - 17th ed.

STATION 3+00.00
CROOKED CREEK
SEC. 01-10116-00-BR BUILT 200
WAYNE COUNTY
PROJECT NO. BROS-191(53)
LOADING HS-20
STR. NO. 096-3445

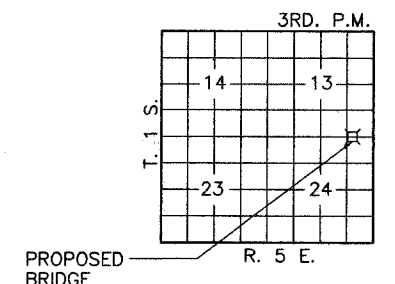
LETTERING FOR NAME PLATE

Locate Name Plate at S.E. corner of Bridge (See Std. CR-TS1)

GENERAL NOTES

- The Contractor shall drive 1 test pile as specified in a permanent location as directed by the Engineer before ordering the remaining piles.
- See Special Provisions for boring logs.
- Channel Excavation: This material shall be excavated as shown within the limits of the proposed bridge then tapered to the existing channel at the Roadway R.O.W. It is estimated that 50% of the Channel Excavation will be suitable for use in the embankment. Unsuitable material shall be disposed of by the Contractor.

Item	Unit	Super	Sub.		Total
			Piers	Abuts.	
Removal of Existing Structures	Each				1
Concrete Structures	Cu.Yds.			19.4	19.4
Precast Prestressed Concrete Deck Beams (27" Depth)	Sq.Ft.	1200			1200
Steel Railing, Type S-1	Foot	100			100
Reinforcement Bars	Pound			2440	2440
Furnishing Steel Piles HP 10 X 42	Foot			245	245
Driving Piles	Foot			245	245
Test Pile Steel HP 10 X 42	Each			1	1
Name Plates	Each			1	1
Concrete Encasement	Cu.Yds.			2.1	2.1
Aggregate Base Course, Type B	Tons			60	60
Stone Dumped Riprap, Class A-4	Tons			120	120
Channel Excavation	Cu.Yds.			120	120
Fence (Erosion Control)	Foot			200	200



LOCATION SKETCH

INDEX OF SHEETS

- GENERAL PLAN & ELEVATION
- STANDARD CS-2427-50L
- STANDARD CB-2427-36
- STANDARD CB-2427-48
- STANDARD CA-2427-20
- STANDARD CR-TS1
- STANDARD CN
- STANDARD CX-1

WATERWAY INFORMATION

Flood		Freq. Yr.	Q ft ³ /s	Opening ft ²		Nat. H.W.E.	Head - ft		Headwater	
Exist.	Prop.			Exist.	Prop.		Exist.	Prop.	Exist.	Prop.
Design	10	755	105	162	426.5	0.1	0.1	426.6	426.6	
Base	100	1345	145	224	428.3	0.9	0.2	429.2	428.5	
Overtopping										
Max. Calc.	500									

GENERAL PLAN & ELEVATION

T.R. ROUTE 349
OVER CROOKED CREEK
SECTION 01-10116-00-BR
WAYNE COUNTY
STATION 3+00.00