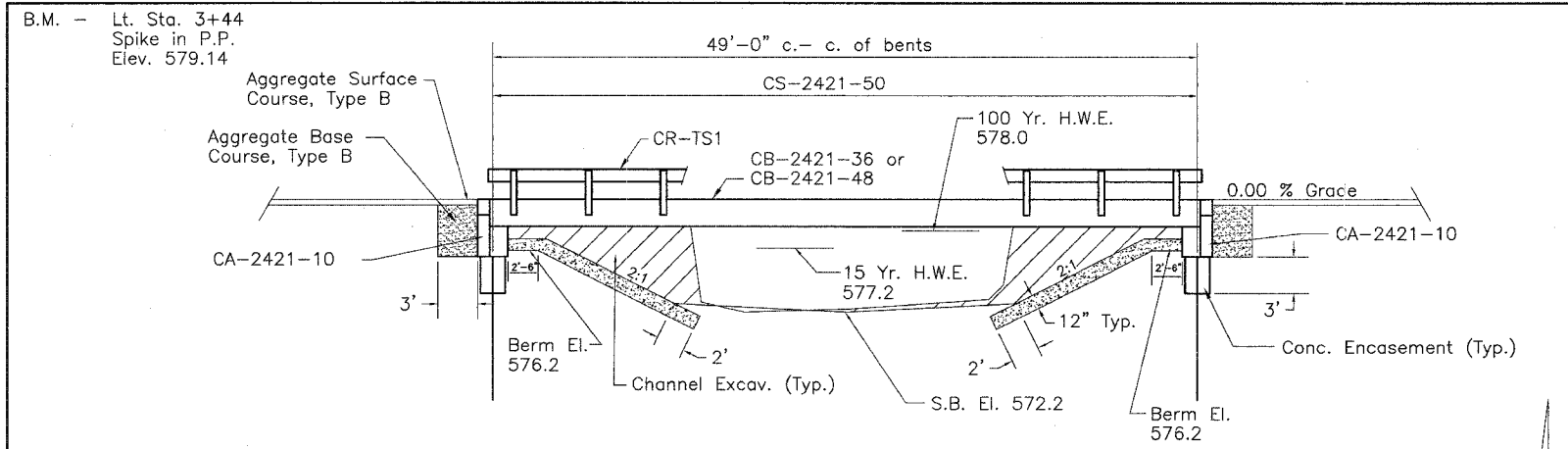


ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
T.R. 139	02-02110-00-BR	EFFINGHAM	13	4
BISHOP ROAD DISTRICT		ILLINOIS	CONTRACT NO. 95422	

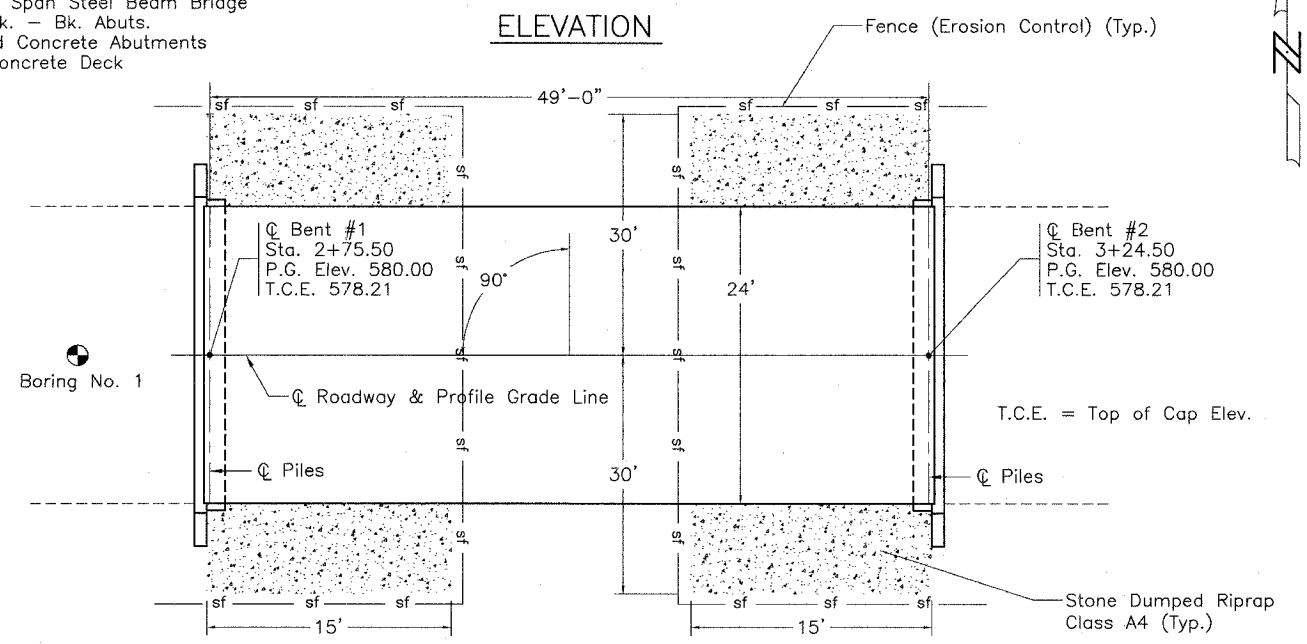
GENERAL NOTES

- 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.			17.2	17.2
Precast Prestressed Concrete Deck Beams (21" Depth)	Sq.Ft.	1200			1200
Steel Railing, Type S-1	Foot	100			100
Reinforcement Bars	Pound			1840	1840
Furnishing Steel Piles HP 10 X 42	Foot			420	420
Driving Steel Piles	Foot			420	420
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.			160	160
Fence (Erosion Control)	Foot			200	200



Existing Structure - Existing Structure No. 025-3087
Single Span Steel Beam Bridge
24' Bk. - Bk. Abuts.
Closed Concrete Abutments
17' Concrete Deck



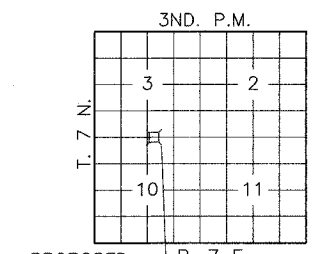
PILE DATA (2-ABUTS.)

Type	HP 10 X 42
Capacity	Refusal
Estimated Length	60'
Number Required	8 (Includes 1 Test Pile located in Bent #2)

STATION 3+00.00
BISHOP CREEK
SEC. 02-02110-00-BR BUILT 200
EFFINGHAM COUNTY
PROJECT BROS-049(146)
LOADING HS-20
STR. NO. 025-3312

LETTERING FOR NAME PLATE

Locate Name Plate at S.W. corner of Bridge (See Std. CN)



LOCATION SKETCH

INDEX OF SHEETS

- GENERAL PLAN & ELEVATION
- STANDARD CS-2421-50
- STANDARD CB-2421-36
- STANDARD CB-2421-48
- STANDARD CA-2421-10
- STANDARD CR-TS1
- STANDARD CN
- STANDARD CX-1

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

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 Specifications (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

DESIGN SPECIFICATIONS

1996 AASHTO
HS20-44 Loading. Load Factor Design.

WATERWAY INFORMATION

Drainage Area = 3.4 Sq. Mi. Low Grade Elev. = 580.0 @ Sta.3+00

Flood	Freq. Yr.	Q ft ³ /s	Opening ft ²		Nat. H.W.E.	Head - ft		Headwater	
			Exist.	Prop.		Exist.	Prop.	Exist.	Prop.
Design	15	605	105	180	577.2	0.30	0.00	577.50	577.20
Base	100	935	122	217	578.0	0.60	0.00	578.60	578.00
Overtopping									
Max. Calc.	500								

GENERAL PLAN & ELEVATION
T.R. ROUTE 139
OVER BISHOP CREEK
SECTION 02-02110-00-BR
EFFINGHAM COUNTY
STATION 3+00.00