

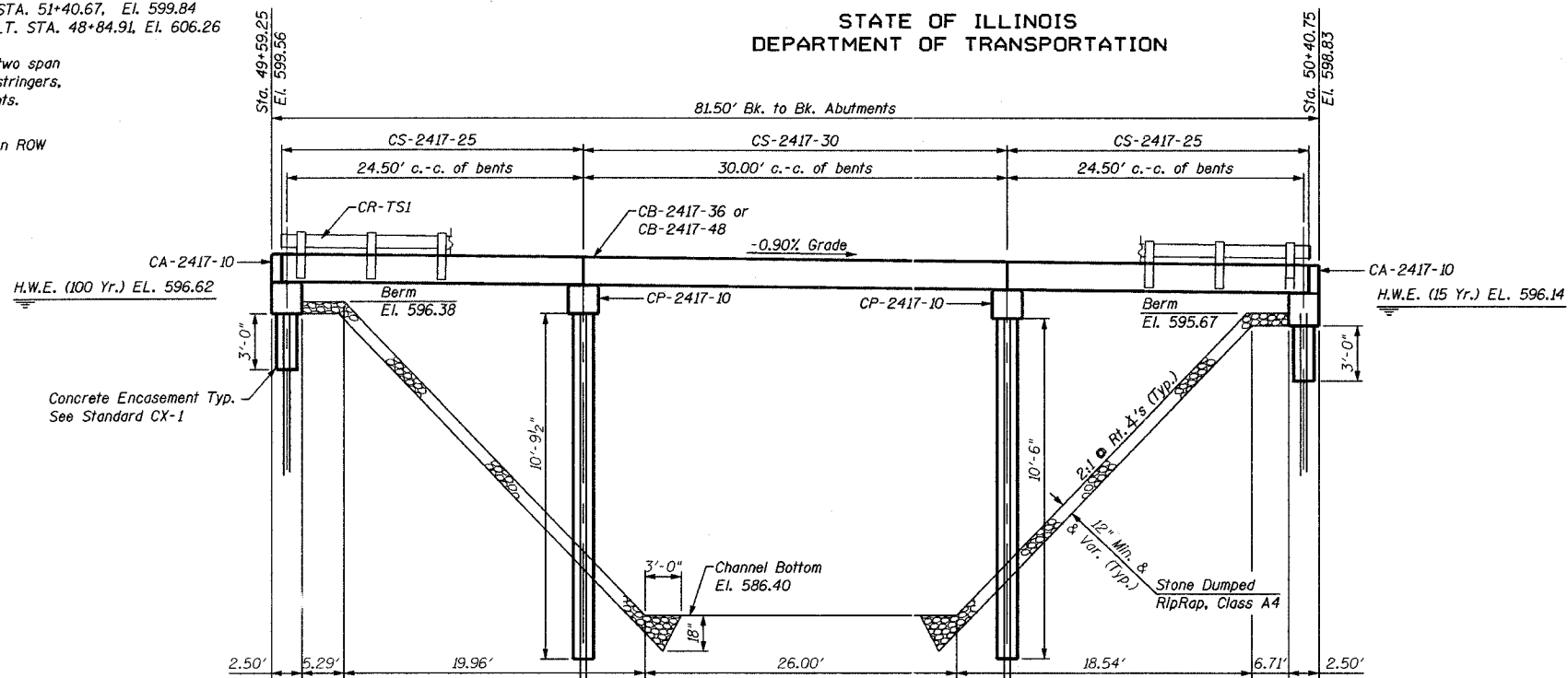
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
T.R. 54	02-09118-00-BR	FAYETTE	14	4
FED. ROAD DIST. NO.		ILLINOIS	PROJECT	
CONTRACT NO. 95429				

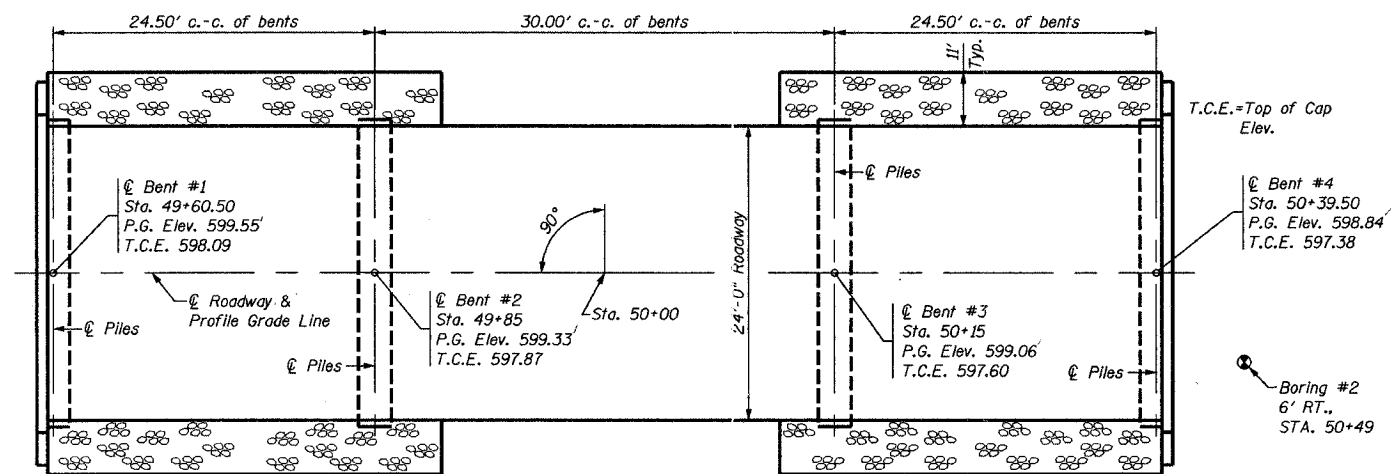
B.M. - B.M. #1, R.R. Spike in 15" Oak Tree, 33.55' LT. STA. 51+40.67, El. 599.84
B.M. #2, R.R. Spike in 15" Hickory Tree, 36.73' LT. STA. 48+84.91, El. 606.26

Existing Structure - The existing structure is an offset two span structure with timber deck on steel stringers, timber piling pier and timber abutments.

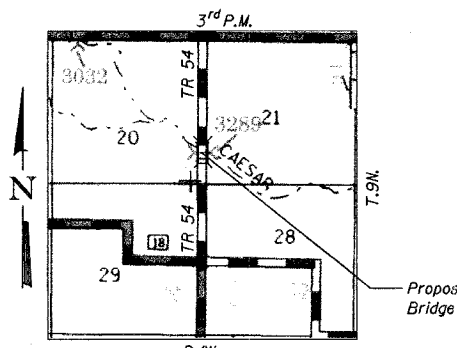
Salvage - Signs & Sign Posts
Timber Planking & Runners To Be Stockpiled on ROW



ELEVATION



PLAN



LOCATION SKETCH

STATION 50+00
CAESAR CREEK
SEC. 02-09118-00-BR BUILT 20...
PROJECT NO. BRCS-051(63)
FAYETTE COUNTY
LOADING HS20
STR. NO. 026-3424

LETTERING FOR NAME PLATE

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

WATERWAY INFORMATION

Drainage Area = 9.11 Sq. Mi.		Low Grade Elev. 597.79 @ Sta. 52+00							
Flood	Freq. Yr.	Q C.F.S.	Opening Sq. Ft.		Nat. H.W.E. Ft.		Headwater Elev. - Ft.		
			Exist.	Prop.	Exist.	Prop.	Exist.	Prop.	
Design	15	2620	389	408	596.14	N/A	0.91	N/A	597.05
Base	100	3343	416	438	596.62	N/A	1.25	N/A	597.87
Overtopping									
Max. Calc.	500								

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.
- A Calcium Nitrite Corrosion Inhibitor, as covered in the Special Provisions, shall be used in the concrete for precast prestressed concrete deck beams.
- The Waterproofing Membrane System and Bituminous Concrete Surface Course Shown on the Standards Shall Not be Provided.

TOTAL BILL OF MATERIAL

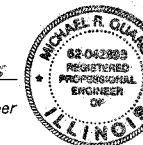
Item	Unit	Super	Sub.		Total
			Piers	Abuts.	
Removal of Existing Structures	Each	-	-	-	1
Concrete Structures	Cu. Yd.	-	12.0	16.6	28.6
Precast Prestressed Concrete Deck Beams (17" Depth)	Sq. Ft.	1920	-	-	1920
Steel Railing, Type S-1	Foot	160	-	-	160
Reinforcement Bars	Pound	-	1320	1720	3040
Furnishing Steel Piles HP10x42	Foot	-	484	227	711
Driving Steel Piles	Foot	-	484	227	711
Test Pile Steel HP10x42	Each	-	-	1	1
Name Plates	Each	-	-	1	1
Concrete Encasement	Cu. Yd.	-	7.3	2.1	9.4

INDEX OF SHEETS

- General Plan & Elevation
- Standard CS-2417-25
- Standard CS-2417-30
- Standard CB-2417-36
- Standard CB-2417-48
- Standard CA-2417-10
- Standard CP-2417-10
- Standard CR-TS1
- Standard CN
- Standard CX-1

These plans were prepared by me or by a full-time member of my staff working under my personal supervision.

Michael R. Quandt 3/1/05
Michael R. Quandt, P.E.
Illinois Licensed Professional Engineer
License No. 062-042893
Expiration Date: 11/30/2005



GENERAL PLAN & ELEVATION

T.R. 54
OVER CAESAR CREEK
SECTION 02-09118-00-BR
FAYETTE COUNTY
STATION 50+00

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 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

PILE DATA (2-ABUTS.)

Type: Steel Piles, HP10x42
Capacity: 38 Tons (Includes 150% of Max. Pile Load for H-Pile In Friction)
Estimated Length: 32 Feet Bent #1, 33 Feet Bent #4
Number Required: 8 (Includes 1 Test Pile located in Bent #4)

PILE DATA (2-PIERS)

Type: Steel Piles, HP10x42
Capacity: 56 Tons (Includes 150% of Max. Pile Load for H-Pile In Friction)
Estimated Length: 58 Feet Bent #2, 63 Feet Bent #3
Number Required: 8

DESIGN SPECIFICATIONS

1996 AASHTO, 1997 Thru 2002 Interims
HS20-44 Loading. Load Factor Design.