

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS  
 PLANS FOR PROPOSED  
 FEDERAL-AID HIGHWAY BRIDGE PROGRAM

LAWRENCE COUNTY  
 SECTION 05-08133-00-BR  
 PETTY ROAD DISTRICT  
 STRUCTURE NO. 051-3280  
 PROJECT NO. BROS-101(027)  
 JOB NO. C-97-062-08

TR 32

INDEX OF SHEETS

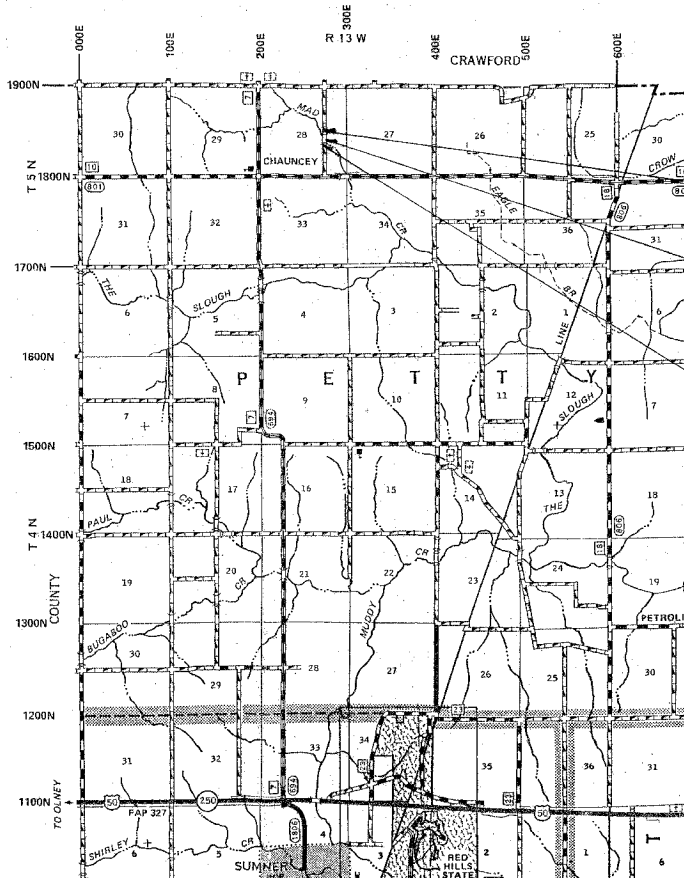
- 1 COVER SHEET
- 2 PLAN & PROFILE
- 3 CROSS SECTIONS
- 4-10 BRIDGE PLANS

STANDARDS: 280001-04 - EROSION CONTROL  
 (SEE PROPOSAL) 701901 - TRAFFIC  
 BLR 21-7 - TRAFFIC  
 BLR 22-5 - TRAFFIC

SUMMARY OF QUANTITIES

QTY	UNIT	ITEM	CODE NO
408	CU YD	EARTH EXCAVATION	20200100
169	CU YD	CHANNEL EXCAVATION	20300100
1105	CU YD	FURNISHED EXCAVATION	20400800
0.50	ACRE	SEEDING, CLASS 2 (SPECIAL)	25001000
4	EACH	TEMPORARY DITCH CHECKS	28000300
60	FOOT	PERIMETER EROSION BARRIER	28000400
110	TON	STONE DUMPED RIPRAP, CLASS A4	28100807
48	TON	STONE RIPRAP DITCH	28102600
1	EACH	REMOVAL OF EXISTING STRUCTURES	50100100
22.2	CU YD	CONCRETE STRUCTURES	50300225
2.6	CU YD	CONCRETE ENCASEMENT	50300280
1680	SQ FT	PRECAST PRESTRESSED CONCRETE DECK BEAMS (27" DEPTH)	50400505
2680	POUND	REINFORCEMENT BARS	50800105
120	FOOT	STEEL RAILING, TYPE S1	50900205
234	FOOT	FURNISHING STEEL PILES HP 10X42	51201400
234	FOOT	DRIVING PILES	51202305
1	EACH	TEST PILE STEEL HP 10X42	51203400
1	EACH	NAME PLATES	51500100
36	FOOT	PIPE CULVERTS, CLASS D, TYPE 1 15"	542D0220
36	FOOT	PIPE CULVERTS, CLASS D, TYPE 1 18"	542D0223
1	L.SUM	MOBILIZATION	67100100
1	L.SUM	TRAFFIC CONTROL AND PROTECTION	70101700
296	TON	AGGREGATE SURFACE COURSE, TYPE B (CA-6)	XX003658
168	TON	AGGREGATE SURFACE COURSE, TYPE B (CA-9)	XX003659

SCALES  
 PLAN 1 INCH = 50 FEET  
 PROFILE HORZ. 1 INCH = 50 FEET  
 PROFILE VERT. 1 INCH = 10 FEET  
 CROSS SECTION 1 INCH = 5 FEET



SECTION 05-08133-00-BR  
 END STA. 7+50

STA. 4+00 - STANDARD BRIDGE DESIGN  
 PROPOSED PRECAST PRESTRESSED CONCRETE DECK  
 BEAM BRIDGE. 1 SPAN @ 60'. 28' ROWY., SKEW = 20' LF  
 EXISTING STR. NO. 051-3052  
 PROPOSED STR. NO. 051-3280

SECTION 05-08133-00-BR  
 BEGINS STA. 0+50

FUNCTIONAL CLASS: RURAL LOCAL ROAD  
 ADT = 75  
 DESIGN SPEED = 30 MPH

LOCATION MAP

APPROXIMATE SCALE: 1 INCH = 1 MILE  
 NET LENGTH = 700 L.F. = 0.133 MILES

CONTRACT NO. 95546

TOLL FREE JOINT UTILITY LOCATING  
 INFORMATION FOR EXCAVATORS (J.U.L.I.E.)  
 TELEPHONE NO. 1-800-892-0123

PROFESSIONAL DESIGN FIRM #184-000832

*John A. Stone*  
 ILLINOIS REGISTERED PROFESSIONAL ENGINEER # 55012  
 LICENSE EXPIRES NOVEMBER 30, 2009

APPROVED 2-25 , 2008

LOCAL AGENCY REPRESENTATIVE

PASSED 4-1 , 2008

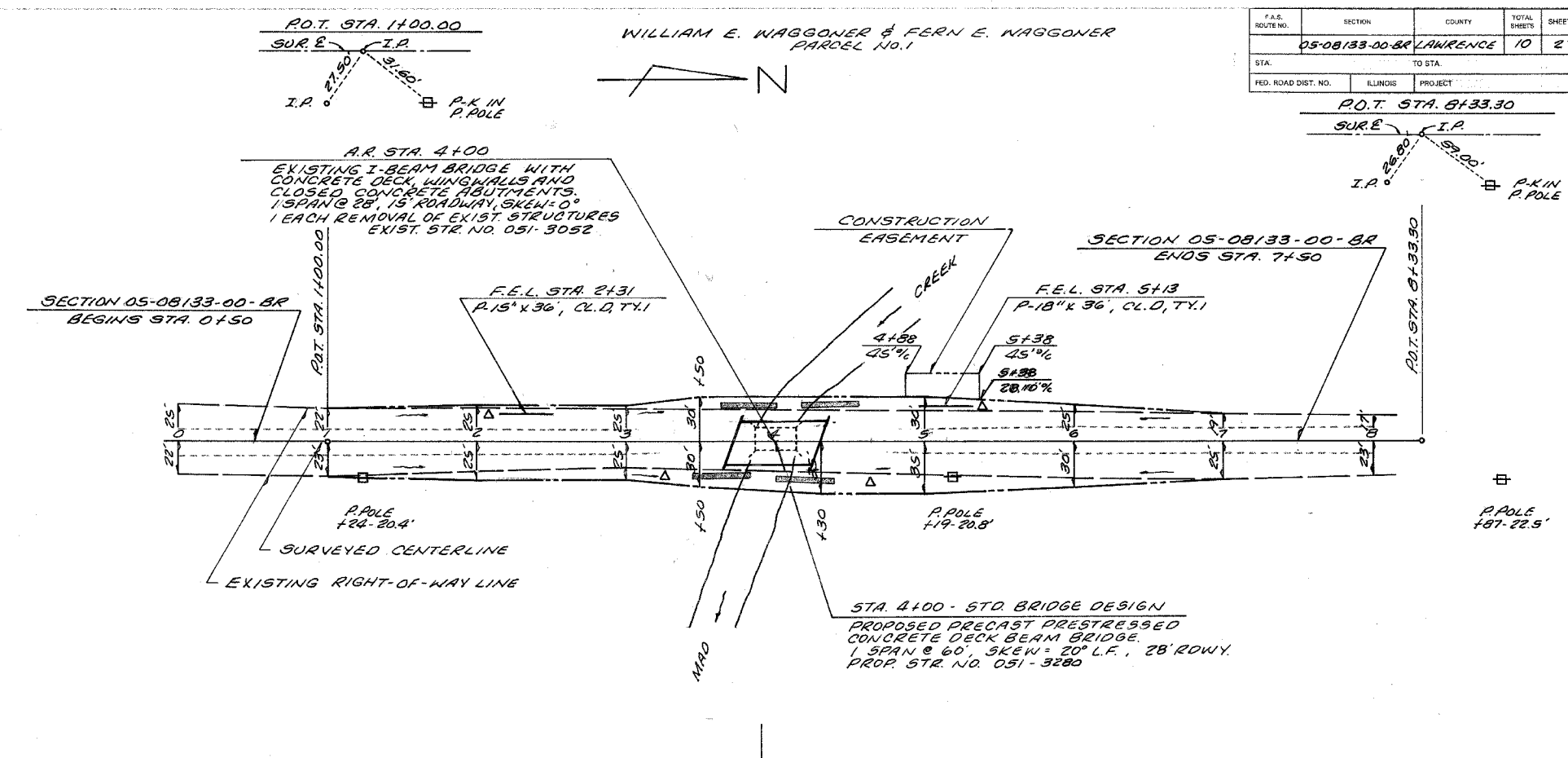
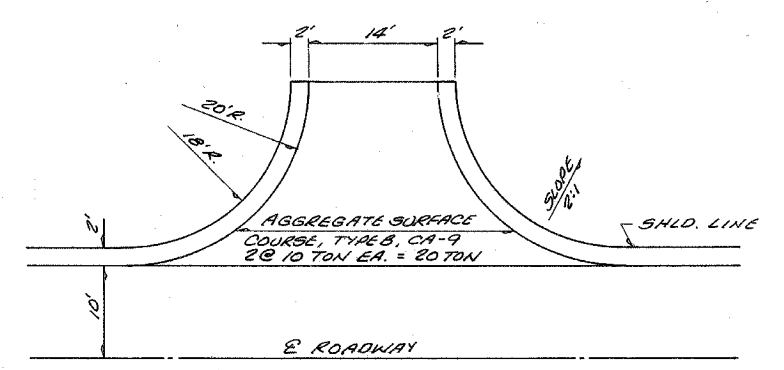
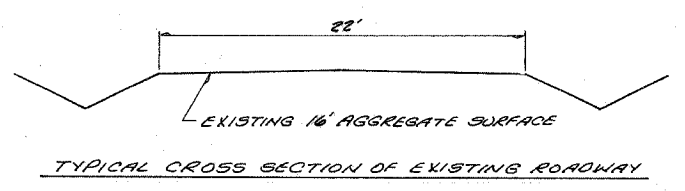
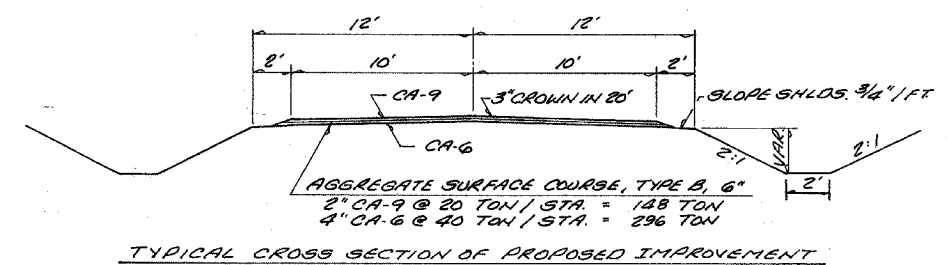
*Maurice Elwood*  
 DISTRICT SEVEN ENGINEER  
 OF LOCAL ROADS & STREETS

RELEASING FOR BID BASED ON LIMITED REVIEW

4-1 , 2008

*Christina R. Keenan*  
 DEPUTY DIRECTOR OF HIGHWAYS  
 REGION FOUR ENGINEER  
 STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

F.A.S. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET
05-08133-00-BR	LAWRENCE		10	2
STA.	TO STA.			
	P.O.T. STA. 8133.30			
FED. ROAD DIST. NO.	ILLINOIS	PROJECT		



PLANNED BY: [Name]  
 CHECKED BY: [Name]  
 DATE: [Date]

PLANNED BY: [Name]  
 CHECKED BY: [Name]  
 DATE: [Date]

TEMPORARY DITCH CHECKS

LT. STA. 2+05 = 1 EACH
RT. STA. 3+25 = 1 EACH
RT. STA. 4+65 = 1 EACH
LT. STA. 5+40 = 1 EACH
TOTAL = 4 EACH

PERIMETER EROSION BARRIER  
 15' @ EACH COR. OF BRIDGE ON TOE OF CHANNEL SLOPE = 60 FEET

B.M. #1 ELEV. 449.21 NAIL IN POWER POLE 20.4' RT. STA. 1+24

STONE RIPRAP DITCH

LT. STA. 3+62 TO STA. 4+02 = 12 TON
RT. STA. 3+25 TO STA. 3+85 = 12 TON
LT. STA. 4+15 TO STA. 4+55 = 12 TON
RT. STA. 4+00 TO STA. 4+40 = 12 TON
TOTAL = 48 TON

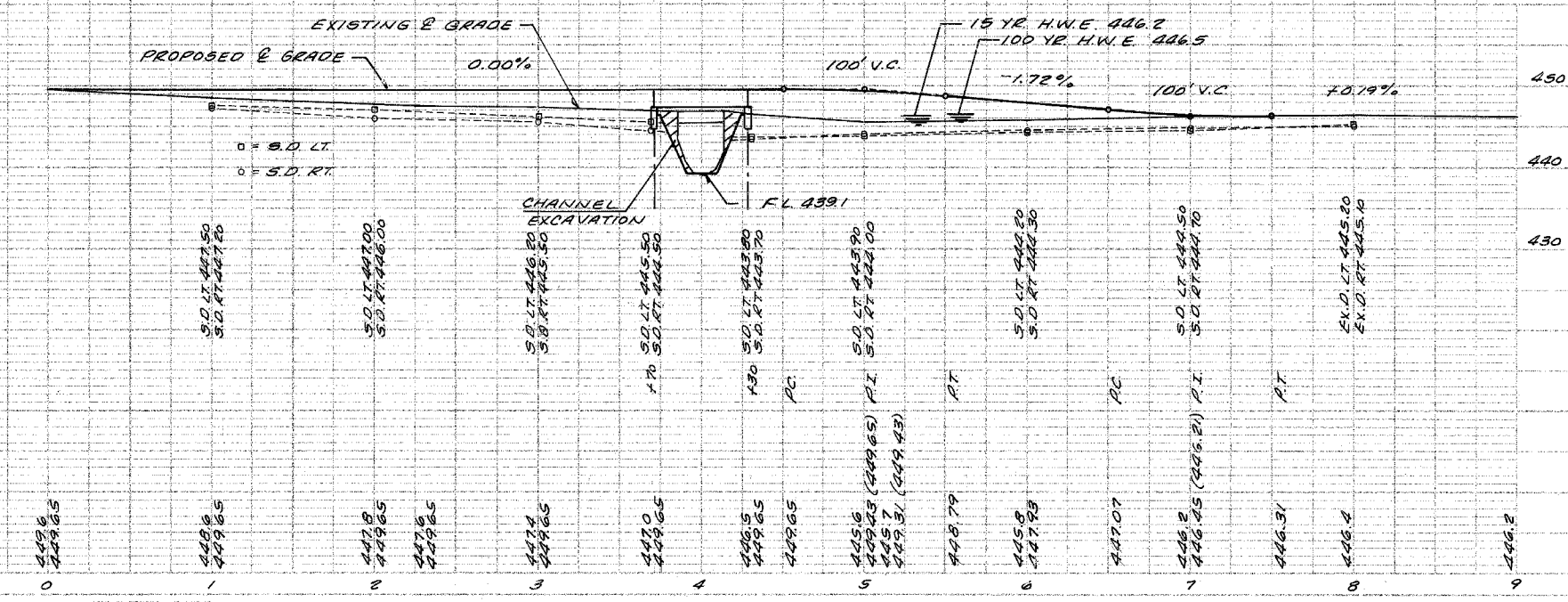
EARTHWORK SCHEDULE

EARTH EXCAVATION =	408	CU. YD.
EARTH EXCAVATION ADJUSTED 25% =	306	CU. YD.
CHANNEL EXCAVATION =	169	CU. YD.
CHANNEL EXCAVATION ADJUSTED 25% =	127	CU. YD.
EMBANKMENT =	1588	CU. YD.
FURNISHED EXCAVATION =	1105	CU. YD.

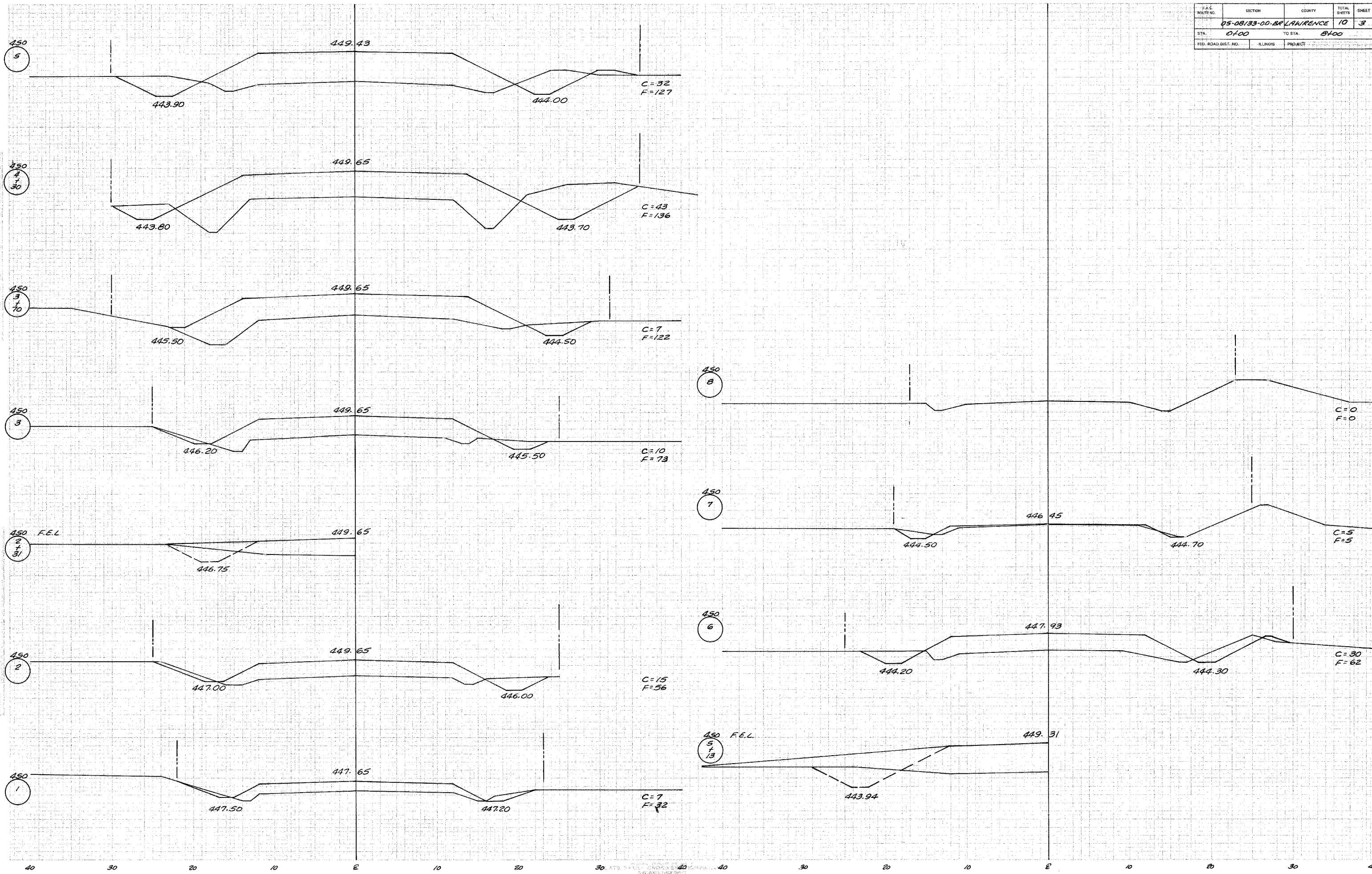
CONSTRUCT TRANSITIONS

FROM EXIST. ROW TO PROP. 28' ROW
STA. 0+00 TO STA. 0+50
STA. 7+50 TO STA. 8+00
FROM PROP. 28' ROW TO PROP. 28' ROW
STA. 3+25 TO STA. 3+75
STA. 4+25 TO STA. 4+75
QUANTITIES INCLUDED IN THOSE LISTED
SEEDING, CLASS 2 (SPECIAL)
STA. 0+00 TO STA. 8+00 = 0.5 ACRES

UTILITIES  
 ELECTRIC: HARRIS ELECTRIC CO.-OP.  
 8543 N. STATE HWY. 130  
 NEWTON, IL. 62448  
 PH. 618-783-8765



FILE ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET
05-08133-00-BR	LAWRENCE		10	3
STA. 0+00	TO STA. 8+00			
FED. ROAD DIST. NO.	ILLINOIS	PROJECT		



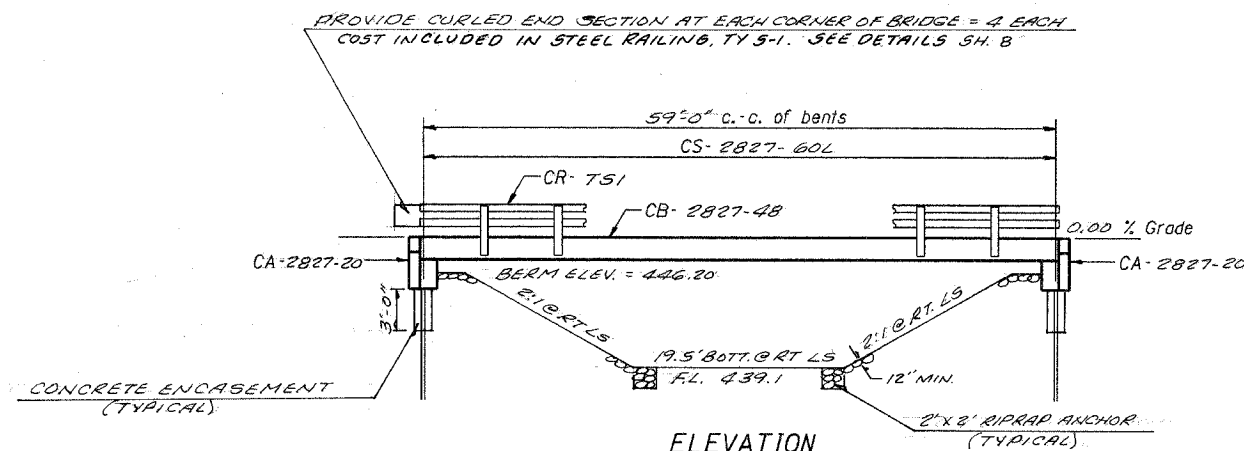
POWERLINE  
 SURVEY  
 10/1/13

POWERLINE  
 SURVEY  
 10/1/13

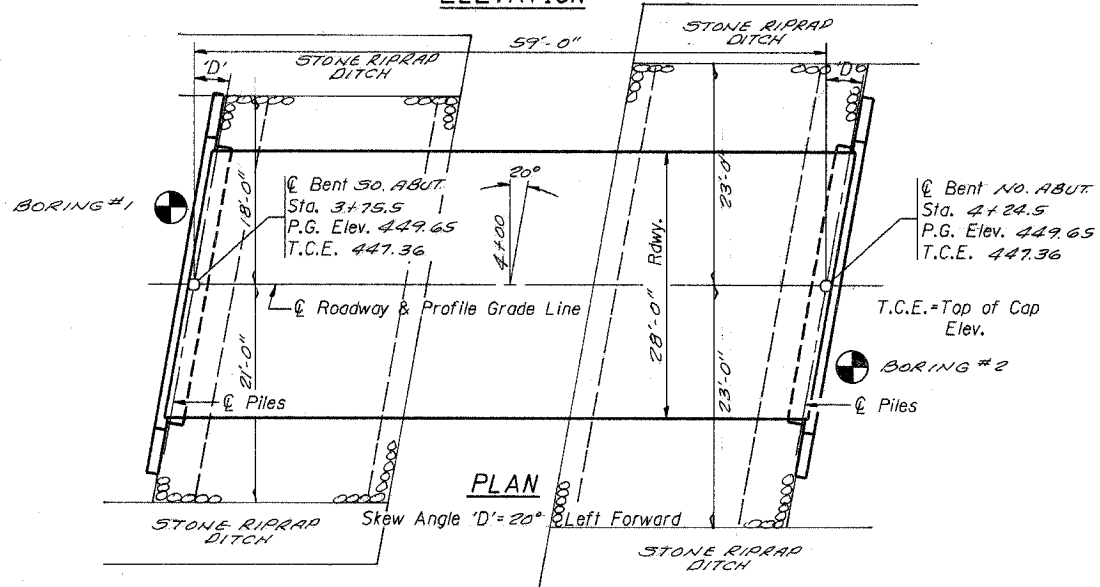
ROUTE NO.	SECTION	COUNTY	SHEET	TOTAL
*	LAWRENCE	10	1	

\* 05-08133-00-BR

B.M.  
Existing Structure  
Salvage



ELEVATION



PLAN

STONE DUMPED RIPRAP, CLASS AA (MIN. THICKNESS = 12")  
SOUTH SIDE = 50 TON  
NORTH SIDE = 60 TON  
TOTAL = 110 TON

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.			22.2	22.2
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			2680	2680
Furnishing STEEL PILES HP 10x42	Foot			234	234
Driving PILES	Foot			234	234
Test Piles STEEL HP 10x42	Each			1	1
Name Plates	Each			1	1
Concrete Encasement	Cu. Yd.			2.6	2.6
Portland Cement Mortar Fairing Course	Foot				
STONE DUMPED RIPRAP, CLASS AA	TON			110	110

INDEX OF SHEETS

- General Plan & Elevation
- Standard CS-2827-60L
- Standard CB-2827-48
- Standard CA-2827-20
- Standard CR-751
- Standard CN
- Standard CX-1
- Standard
- Standard

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) =

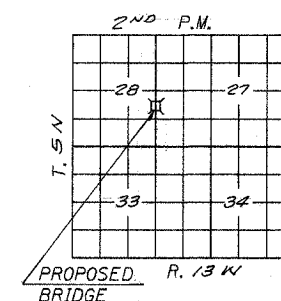
PILE DATA (2-ABUTS.)

Type STEEL HP 10x42 (IN ACCORD. TO AASHTO M 270 GRADE 50)  
Estimated Length 26 Feet  
Number Required 10 (Includes 1 Test Pile located in N. ABUT.)  
ALLOWABLE RESISTANCE AVAILABLE = 112 KIPS  
NOMINAL REQUIRED BEARING = 335 KIPS

STATION 4+00  
MAD CREEK  
SEC. 05-08133-00-BR BUILT 20  
PROJECT NO. BR05-101 (027)  
LAWRENCE COUNTY  
LOADING HS20  
STR. NO. 051-3280

LETTERING FOR NAME PLATE

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



LOCATION SKETCH

WATERWAY INFORMATION

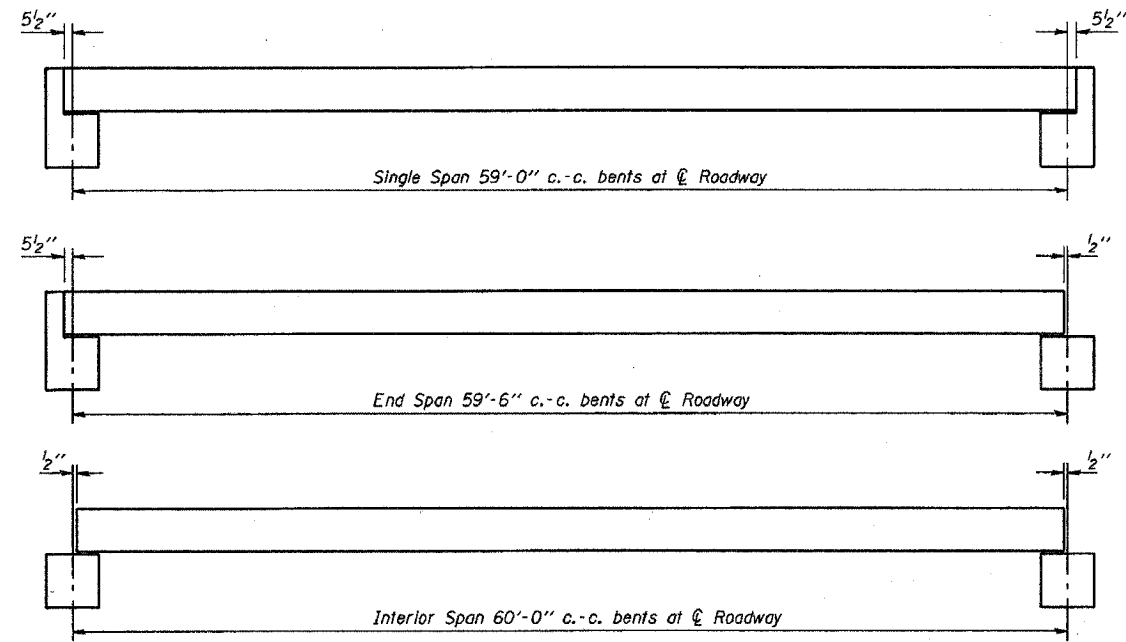
Drainage Area = 3.09 SQ. MI. Low Grade Elev. = 446.2 @ Sta. 4+00

Flood Yr.	Freq.	C.F.S.	Opening Sq. Ft.		Nat. H.W.E.		Head - Ft.		Headwater El.		APPROACH OPENING	
			Exist.	Prop.	Exist.	Prop.	Exist.	Prop.	Exist.	Prop.	EXIST.	PROP.
Design	15	771	145	240	446.2	0.2	0.3	446.4	446.5	82	0	
Base	100	1235	145	256	446.5	0.2	0.3	446.7	446.8	217	67	
Overtopping												
Max. Calc.	500	1612			446.7							

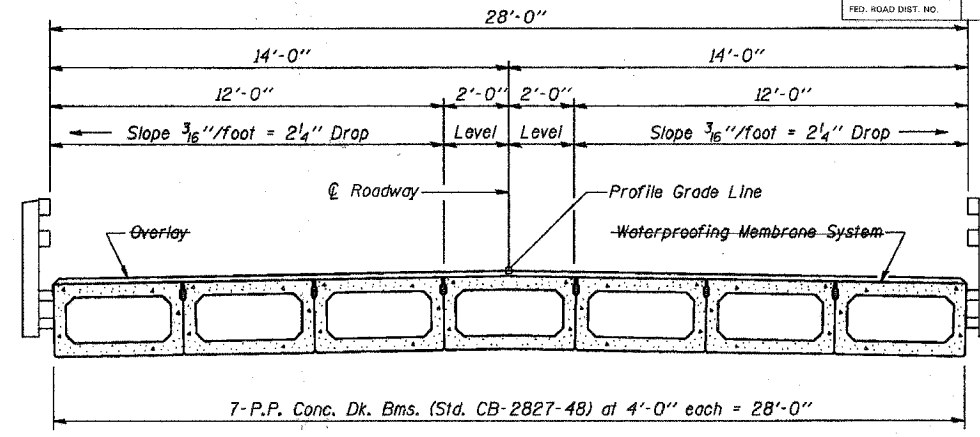
GENERAL PLAN & ELEVATION

TR ROUTE 32  
OVER MAD CREEK  
SECTION 05-08133-00-BR  
LAWRENCE COUNTY  
STATION 4+00

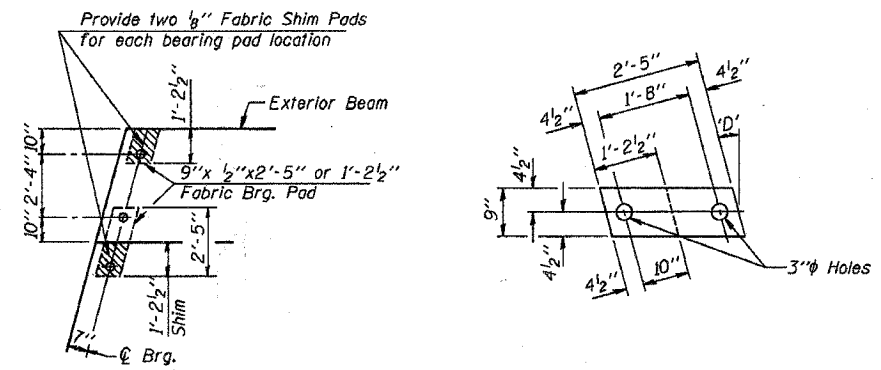
F.A.S. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET
95-08133-00-82	LAWRENCE	10	5	
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	PROJECT		



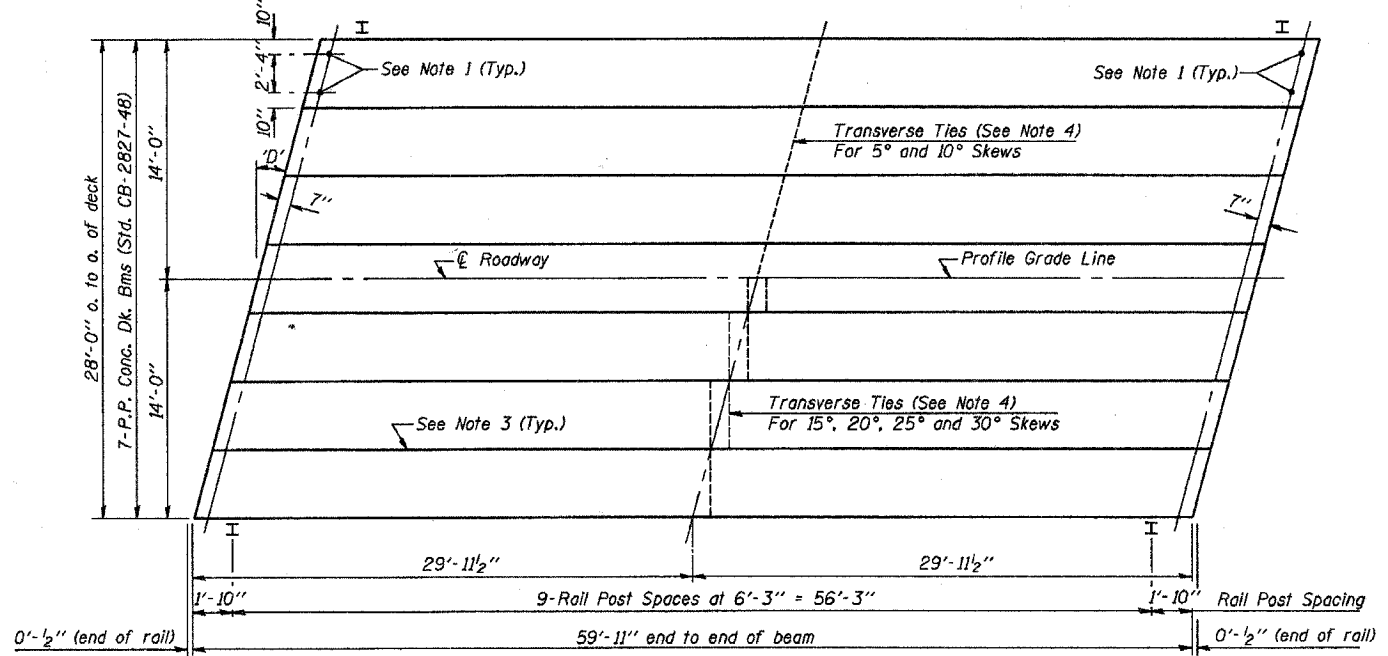
TYPICAL ELEVATIONS



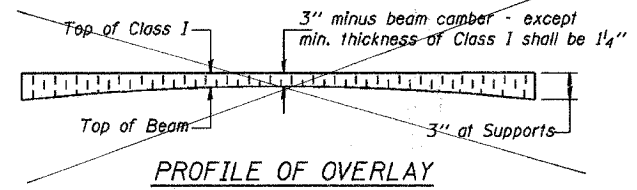
CROSS SECTION



1/2" FABRIC BRG. PAD DETAILS



PLAN  
(\*D' = Designated Skew Angle)

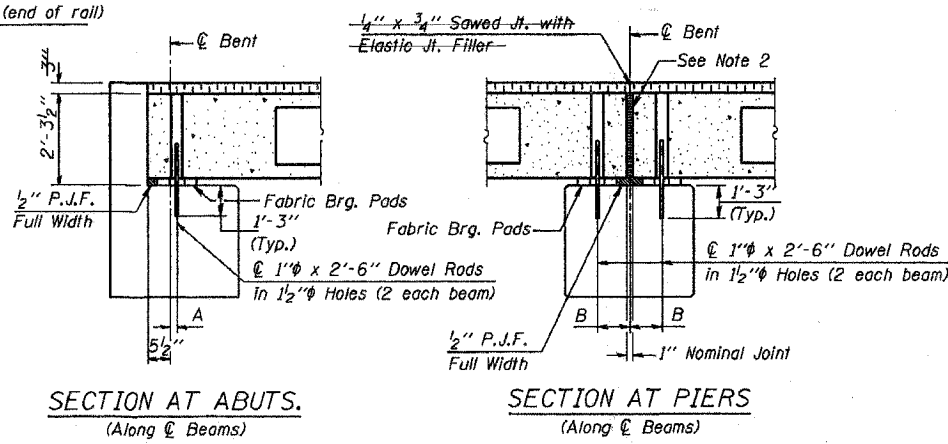


PROFILE OF OVERLAY

DIMENSIONS 'A' AND 'B'

'D'	5°	10°	15°	20°	25°	30°
A	1 1/2"	1 5/8"	1 3/4"	1 7/8"	2 1/4"	2 5/8"
B	7 1/2"	7 5/8"	7 3/4"	8"	8 1/4"	8 5/8"

- NOTES**
- After beams have been erected, holes shall be drilled into substructure and anchor dowels placed. Dowel holes shall be filled with non-shrink grout to top of beam and allowed to cure min. 24 hrs. prior to grouting the shear keys.
  - Nominal 1" joint at centerline Pier shall be filled with non-shrink grout.
  - Longitudinal keys shall be grouted with non-shrink grout.
  - The 1" diameter rods in the transverse tie assembly shall be tightened to a snug fit and the threads set. Pockets that receive transverse tie bar outside shall be filled with grout after transverse tie assembly is in place.



SECTION AT ABUTS.  
(Along centerline Beams)

SECTION AT PIERS  
(Along centerline Beams)

QUANTITIES FOR ONE SPAN

P.P. Conc. Dk. Bm. 27" Dp.	1680 Sq. Ft.
Steel Railing	120 Ft.
Waterproofing Membrane System	186.7 Sq. Yds.
Portland Cement Mortar Fairing Course	360 Ft.

Note: Quantity of overlay for one span = 21.9 Tons

P.P.C. DECK BEAM SUPERSTRUCTURE			
28' RDWY.	27" BMS.	60' SPAN	LEFT
STANDARD CS-2827-60L			

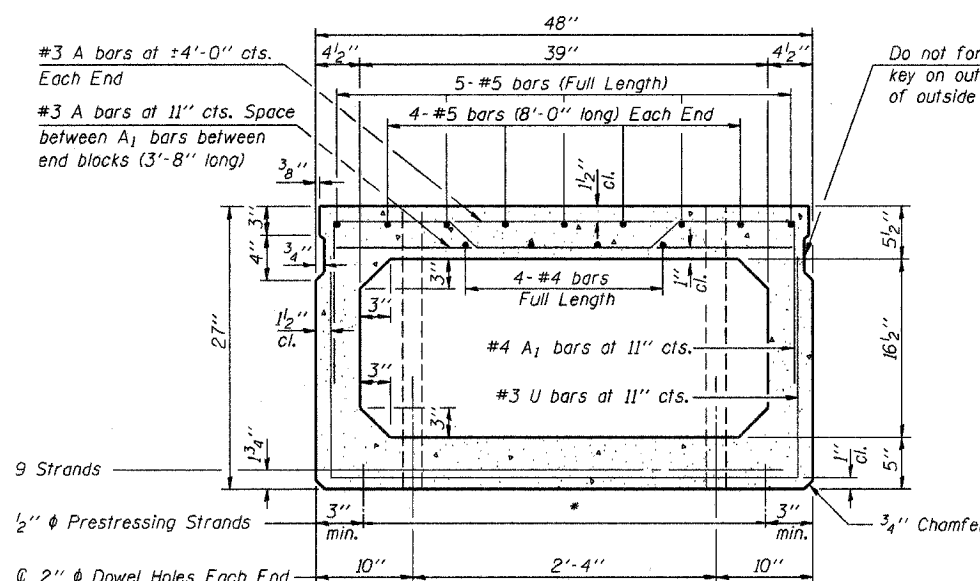
Illinois Department of Transportation

PASSED APRIL 4, 2005  
 Thomas S. Naganowski  
 Engineer of Bridge Design

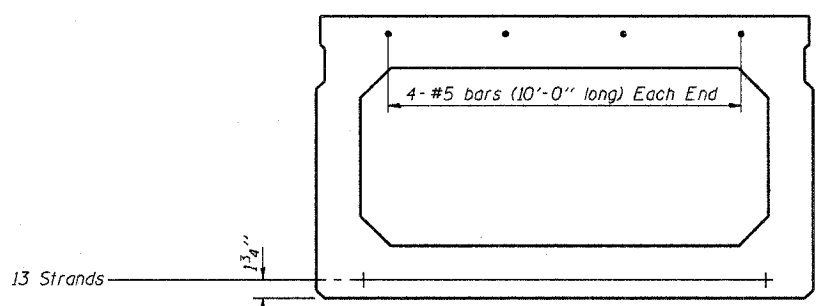
APPROVED APRIL 4, 2005  
 Ralph E. Anderson  
 Engineer of Bridges and Structures



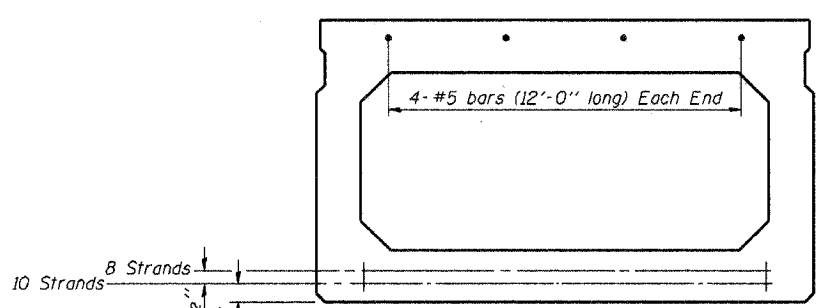
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05-08133-00-82	LAWRENCE	10	6	
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	PROJECT		



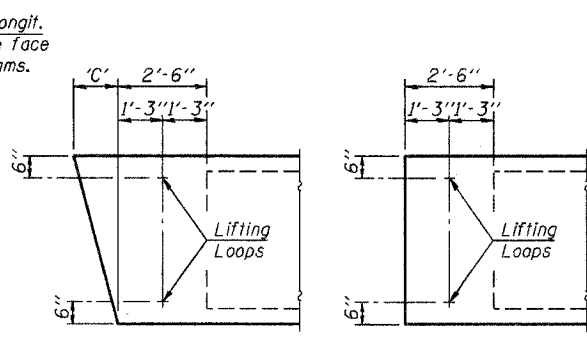
**CROSS SECTION**  
(40' SPAN)



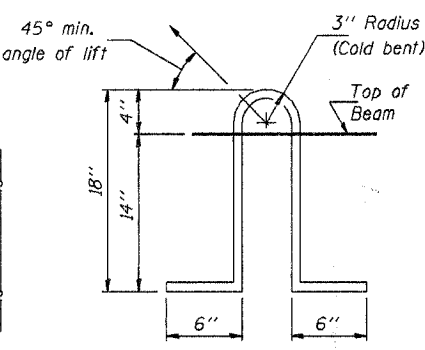
**CROSS SECTION**  
(50' SPAN)



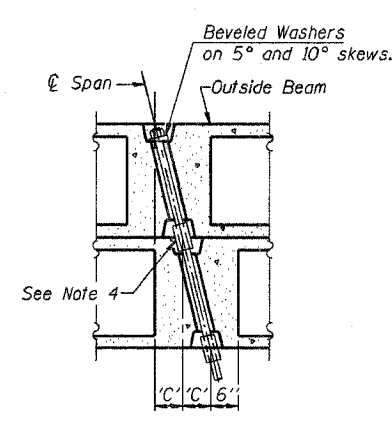
**CROSS SECTION**  
(60' SPAN)



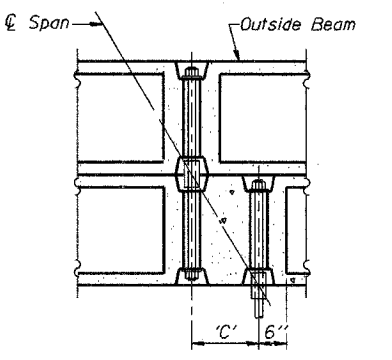
**END BLOCK DETAILS**



**LIFTING LOOP DETAIL**



**PARTIAL PLAN TRANSVERSE TIE ASSEMBLY**  
(D=0°, 5° and 10°)



**PARTIAL PLAN TRANSVERSE TIE ASSEMBLY**  
(D=15°, 20°, 25° and 30°)

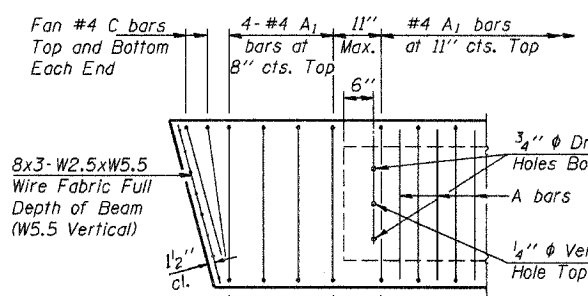
**DIMENSION 'C'**

Skew Angle 'D'	0°	5°	10°	15°	20°	25°	30°
Dimension 'C' (Inches)	0	4 1/4	8 1/2	12 7/8	17 1/2	22 3/8	27 3/4

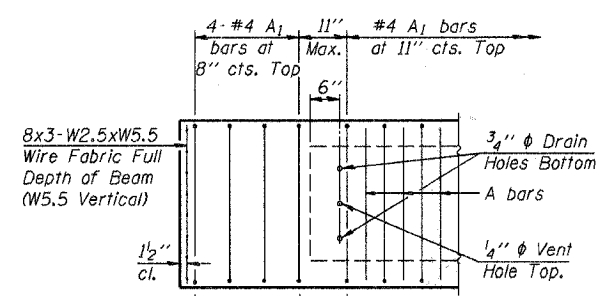
**\* TRANSVERSE STRAND PLACEMENT GUIDELINES**

1. Place strands symmetrically about centerline of beam.
2. The minimum distance from center to center of strands in all directions shall be 2".
3. The minimum clearance from strand to dowel hole shall be 1/2".
4. The minimum clearance from strand to void shall be 1 1/2".

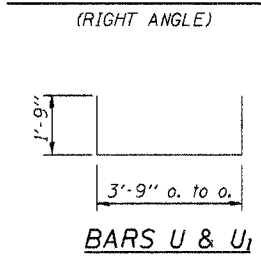
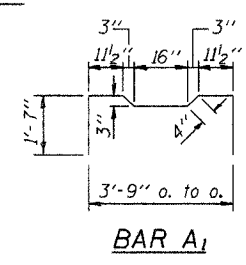
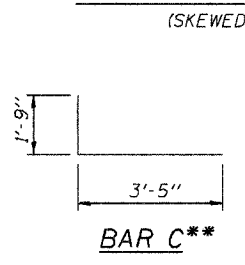
Vertical placement of strands shall not be adjusted to satisfy the above guidelines.



**END REINFORCEMENT**  
(SKEWED)



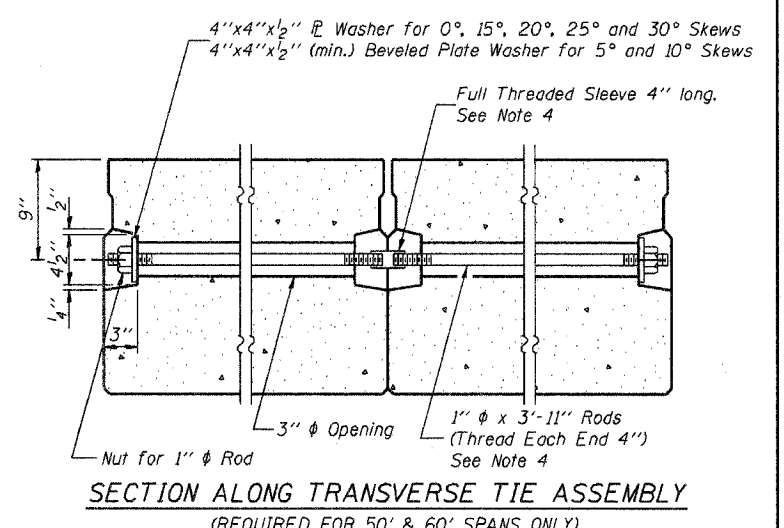
**END REINFORCEMENT**  
(RIGHT ANGLE)



**DESIGN STRESSES**

- $f_c = 5,000$  p.s.i.
- $f'_c = 4,000$  p.s.i.
- $f_s = 270,000$  p.s.i. (1/2 inch Strand)
- $f_{sl} = 201,960$  p.s.i. (1/2 inch Strand)
- $f_y = 60,000$  p.s.i.

**MIN. BAR LAP**  
#4 bars = 1'-4"  
#5 bars = 1'-8"



**SECTION ALONG TRANSVERSE TIE ASSEMBLY**  
(REQUIRED FOR 50' & 60' SPANS ONLY)

**NOTES**

1. Prestressing steel shall be uncoated high strength, low relaxation 7-wire strand, Grade 270.
2. The nominal diameter shall be 1/2 inch and the nominal cross-sectional area shall be 0.153 square inches.
3. Reinforcement bars shall conform to the requirements of AASHTO M-31 or M-322, Grade 60.
4. On 0°, 5° and 10° skew angles, alternate approved transverse tie rods of increased segmental length are acceptable.
5. Rail Post anchor devices shall be cast into outside beam as elsewhere specified.
6. When a Waterproofing Membrane System is specified, the top surface of the beams shall be screeded with a straightedge and finished with a hand float. The finished surface shall be free of depressions or high spots with sharp corners and the top edge of keys shall be rounded or chamfered a minimum of 1/4 inch.
7. Keyway surfaces shall be cleaned to remove form oil or other bond breaking material prior to shipment of the beams. Cleaning shall be done by sandblasting the keyway areas between the top of the beam and the bottom edge of the key.

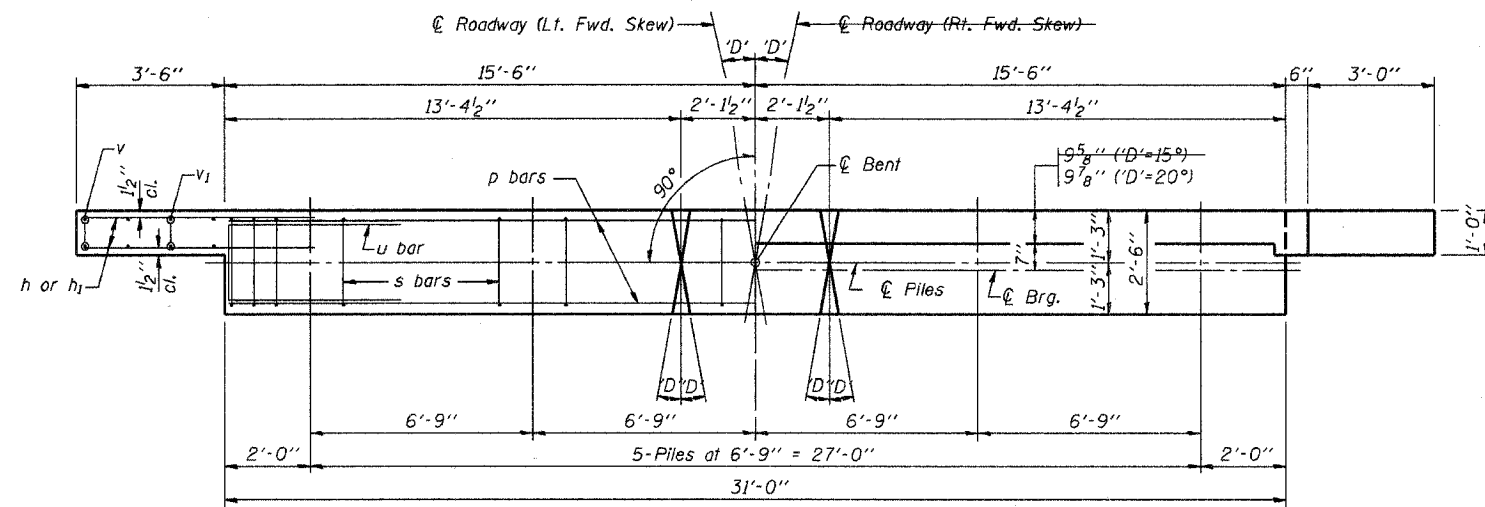
Illinois Department of Transportation  
PASSED APRIL 4, 2005  
Thomas S. Romagnolo  
Engineer of Bridge Design  
APPROVED APRIL 4, 2005  
Ralph E. Anderson  
Engineer of Bridges and Structures

**NOTE**  
The std. reinf. and dimensions shown on the 40' span cross section is typical for all spans, except as shown.

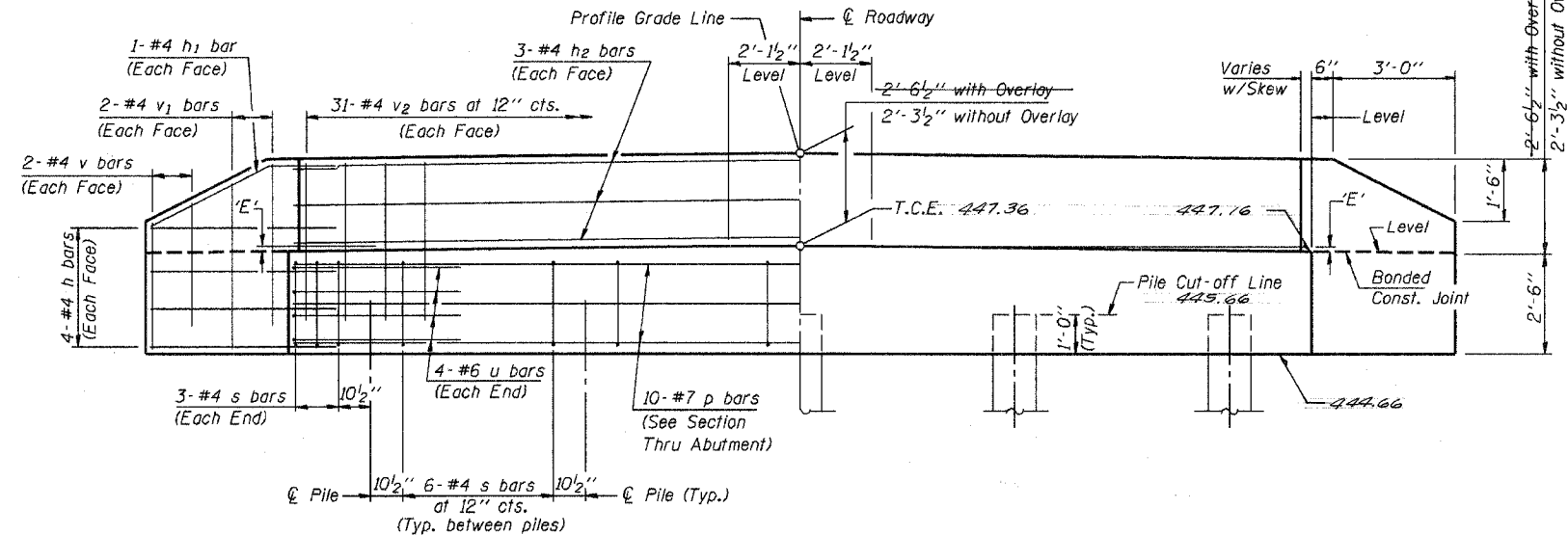
**\*\*NOTE:**  
The following number of C bars shall be used:  
Skew No.  
5° and 10° — 1  
15° and 20° — 2  
25° and 30° — 3

**P.P.C. DECK BEAM DETAILS**  
28' ROADWAY | 27" x 48" BEAMS  
STANDARD CB-2827-48

F.A.S. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET
05-08133-00-BR	LAWRENCE	10	7	
STA.	TO STA.			
FED. ROAD DIST. NO.	REVISIONS	PROJECT		



**PLAN**  
('D' = Designated Skew Angle)



**ELEVATION**

**DIMENSION 'E'**

GRADE	'D'=15°		'D'=20°	
	UPGRADE END	DOWNGRADE END	UPGRADE END	DOWNGRADE END
0%	2 <sup>3</sup> / <sub>8</sub> "	2 <sup>3</sup> / <sub>8</sub> "	2 <sup>3</sup> / <sub>8</sub> "	2 <sup>3</sup> / <sub>8</sub> "
Over 0% to 1%	2 <sup>1</sup> / <sub>4</sub> "	2 <sup>5</sup> / <sub>8</sub> "	2 <sup>1</sup> / <sub>8</sub> "	2 <sup>5</sup> / <sub>8</sub> "
Over 1% to 2%	1 <sup>3</sup> / <sub>4</sub> "	3"	1 <sup>1</sup> / <sub>2</sub> "	3 <sup>1</sup> / <sub>8</sub> "
Over 2% to 3%	1 <sup>3</sup> / <sub>8</sub> "	3 <sup>1</sup> / <sub>2</sub> "	1"	3 <sup>3</sup> / <sub>4</sub> "
Over 3% to 4%	1"	3 <sup>7</sup> / <sub>8</sub> "	3 <sup>7</sup> / <sub>8</sub> "	4 <sup>1</sup> / <sub>4</sub> "

**NOTES**

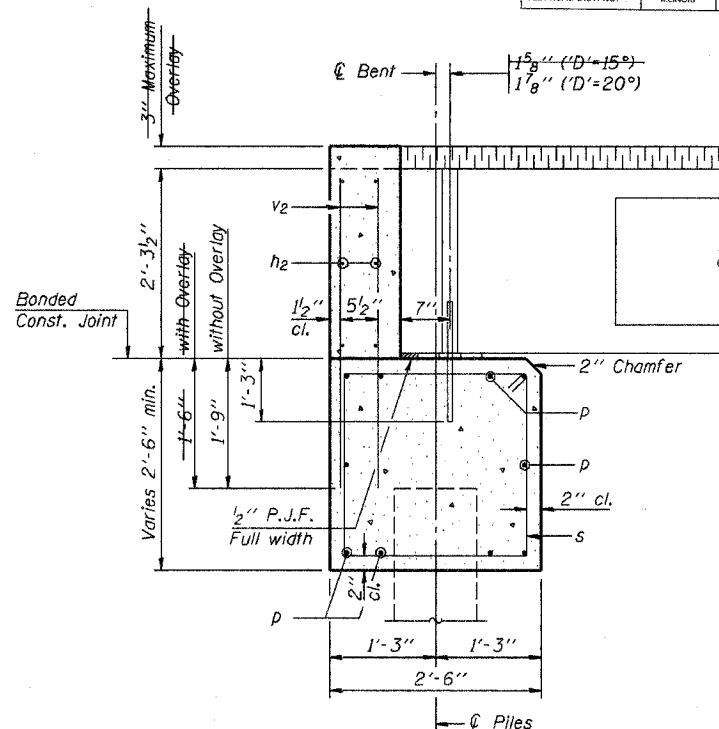
- The Backwall and the portion of the Wingwalls above the bonded construction joint shall be cast against the in-place beam.
- Reinforcement bars shall conform to the requirements of A.A.S.H.T.O. M-31 or M-322, Grade 60.
- Space reinforcement in cap to miss anchor bolts.

**MAXIMUM PILE LOADS**

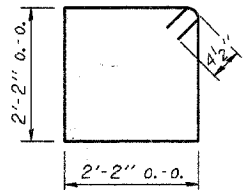
SPAN	TONS
40'	29
50'	33
60'	37

**DESIGN STRESSES**

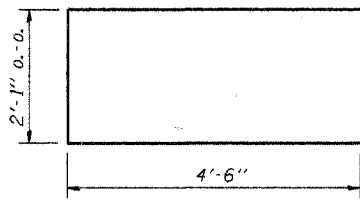
f'c = 3,500 psi  
fy = 60,000 psi



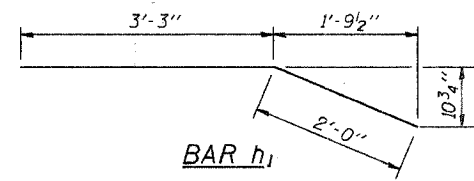
**SECTION THRU ABUTMENT**  
(At Right Angles)



**BAR s**



**BAR u**



**BAR h1**

**BILL OF MATERIAL FOR ONE ABUTMENT**

Bar	No.	Size	Length	Shape
h	16	#4	5'-0"	—
h1	4	#4	5'-3"	—
h2	6	#4	30'-8"	—
p	10	#7	30'-8"	—
s	30	#4	9'-5"	□
u	8	#6	11'-1"	□
v	8	#4	3'-2"	—
v1	8	#4	4'-2"	—
v2	62	#4	3'-11"	—
Concrete Structures			11.1 Cu. Yds.	
Reinforcement Bars			1340 Lb.	

**P.P.C. DECK BEAMS  
PILE BENT ABUTMENT**

28' RDWY.	27" BMS.	'D'=15° OR 20°
STANDARD CA-2827-20		

Illinois Department of Transportation

PASSED APRIL 4, 2005  
Thomas S. Romagosa  
Engineer of Bridge Design

APPROVED APRIL 4, 2005  
Ralph E. Anderson  
Engineer of Bridges and Structures

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET
05-08133-00-B2	LAWRENCE	10	8	
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	PROJECT		

**NOTES**

Hollow structural steel tubing shall conform to the requirements of ASTM designation A500 Grade B Structural Steel Tubing and shall meet the longitudinal CVN requirements of 15 ft.-lbs. at 0° F.

All other steel shapes and plates shall conform to the requirements of AASHTO M 270 Grade 36 except posts and angles shall conform to AASHTO M 270 Grade 50.

Bolts, cap screws, and nuts shall conform to the requirement of ASTM designation A307 except for high strength bolts, nuts and washers noted which shall conform to AASHTO M 164.

All bolts, nuts, cap screws, washers and lock washers shall be galvanized according to AASHTO M 232.

All posts, railing, rail splices, anchor devices and angles shall be galvanized after shop fabrication according to AASHTO M-111 and ASTM A 385. Galvanized rail shall not be painted.

Railing shall be according to Section 509 of the Standard Specifications, except as noted, and will be paid for at the contract unit price per foot for STEEL RAILING, TYPE S-1.

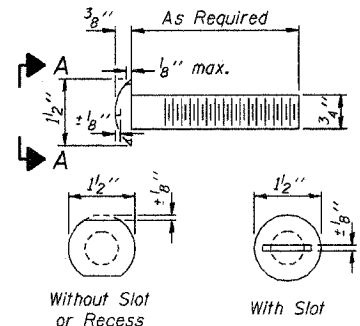
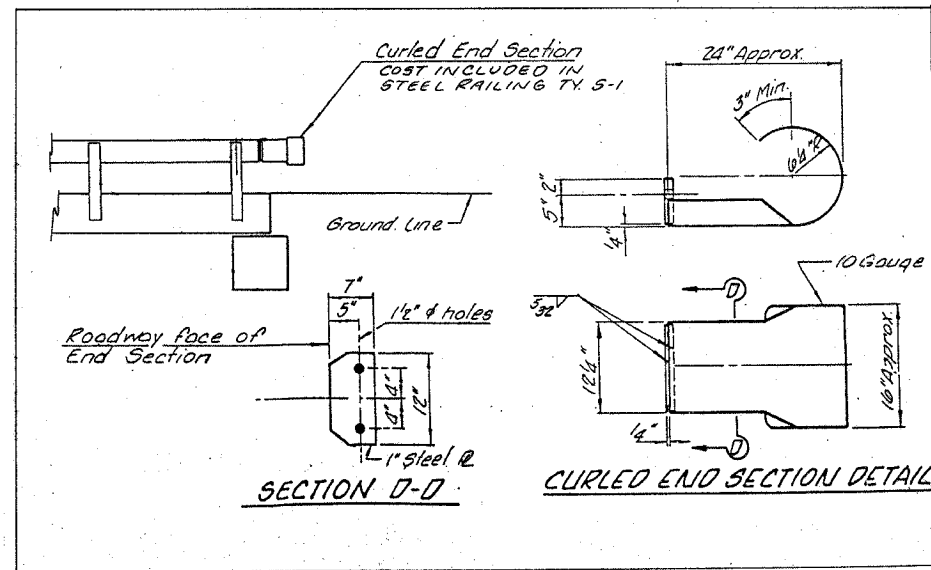
For multi-span bridges, sufficient 1/4" x 6" x 1'-2" galvanized steel shims shall be provided to align rail between adjacent spans. Cost included with STEEL RAILING, TYPE S-1.

All field drilled holes shall be coated with an approved zinc rich paint before erection.

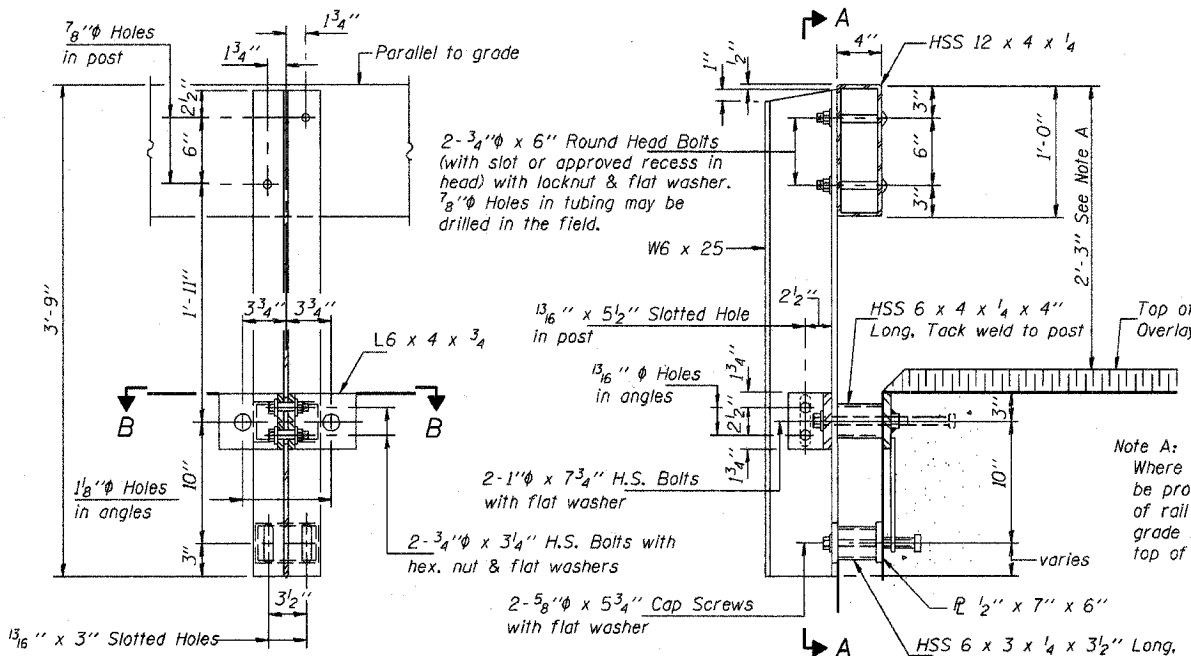
The 1/2" x 7" x 6" plates that come in contact with concrete shall either receive two coats of asphalt paint conforming to Section 1060.07 Type II, or 1/8" fabric bearing pads shall be placed between the plates and concrete.

The 3/4" high strength bolts used to connect the 6 x 4 x 3/4 angles to the post shall be tightened according to Article 505.04 (f)(2) of the Standard Specifications. The 1" high strength bolts connecting the angles to the concrete shall be tightened to a snug fit and given an additional 1/8 turn. The 3/8" cap screws in bottom of posts shall be tightened to a snug fit only.

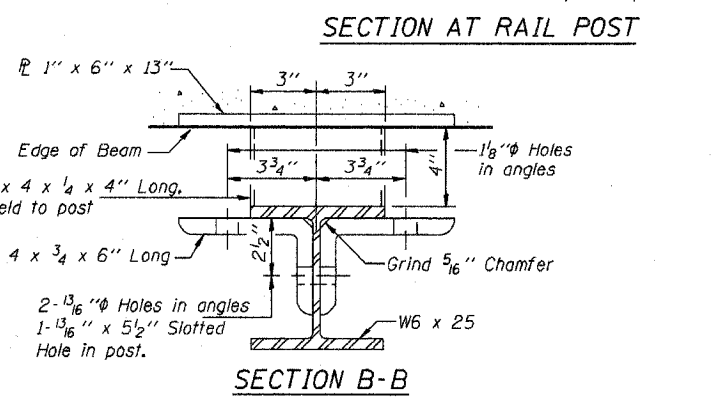
The maximum allowable rail post spacing shall be 10'-6". The rail post spacing shown elsewhere in the plans is based on the allowable spacing for another type of rail. When this type of rail is used, the number of posts may be decreased and the post spacing increased to provide equal post spaces of 10'-6" or less.



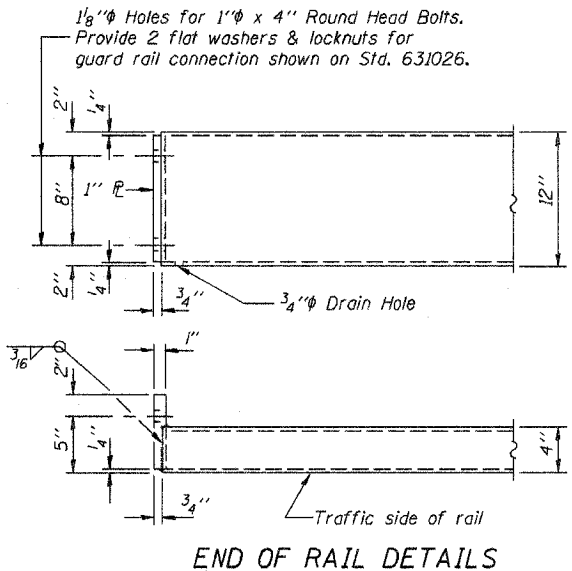
**VIEW A-A**  
**ROUND HEAD BOLT**



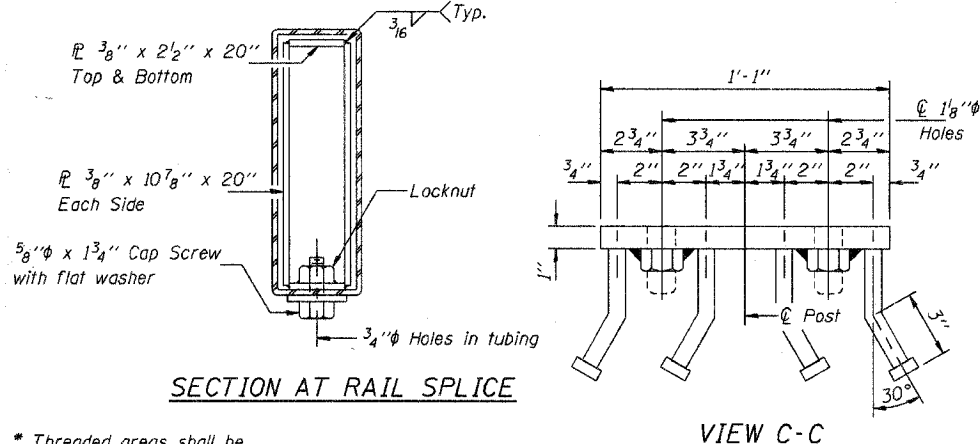
**SECTION A-A**



**SECTION B-B**

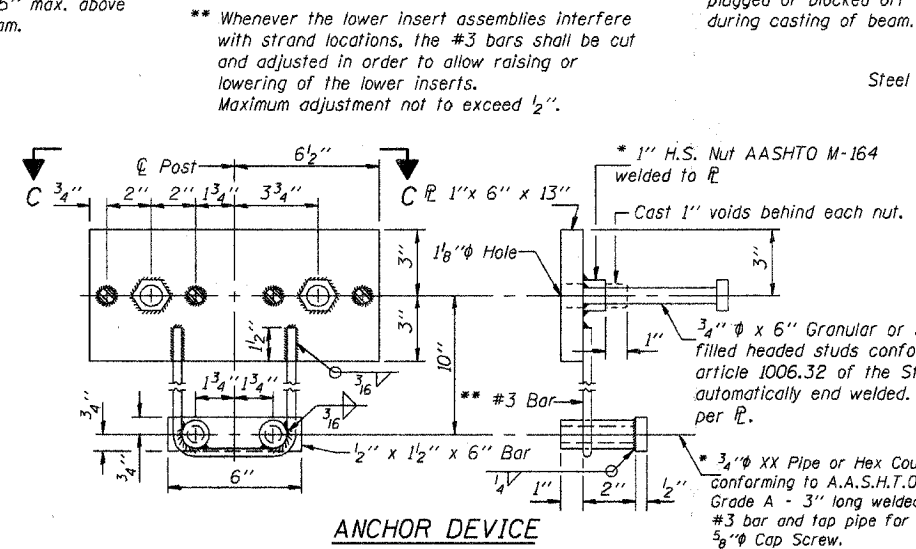


**END OF RAIL DETAILS**

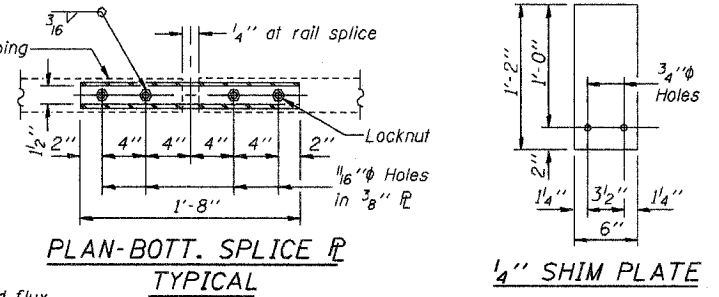


**SECTION AT RAIL SPLICE**

**VIEW C-C**



**ANCHOR DEVICE**



**PLAN-BOTT. SPLICE TYPICAL**

**1/4 SHIM PLATE**

Illinois Department of Transportation

PASSED APRIL 4, 2005

Theresa S. Romagosa  
Engineer of Bridge Design

APPROVED APRIL 4, 2005

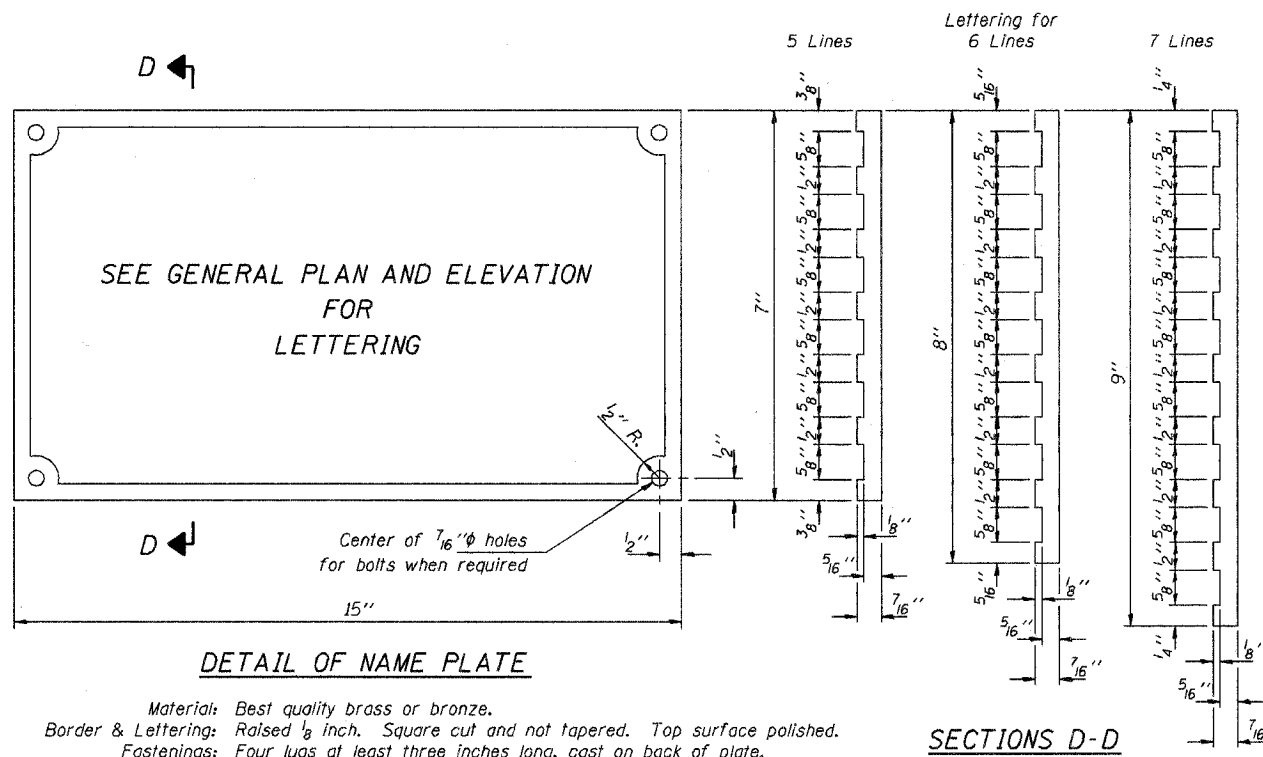
Ralph E. Anderson  
Engineer of Bridges and Structures

**STEEL RAILING, TYPE S-1**

**STANDARD CR-TSI**



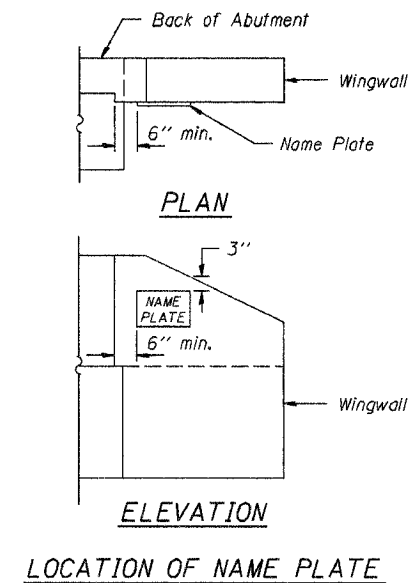
F.A.S. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET
05-08133-00-B2	LAWRENCE	10	9	
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	PROJECT		



**DETAIL OF NAME PLATE**

Material: Best quality brass or bronze.  
 Border & Lettering: Raised  $\frac{1}{8}$  inch. Square cut and not tapered. Top surface polished.  
 Fastenings: Four lugs at least three inches long, cast on back of plate.

**SECTIONS D-D**



**LOCATION OF NAME PLATE**

Illinois Department of Transportation

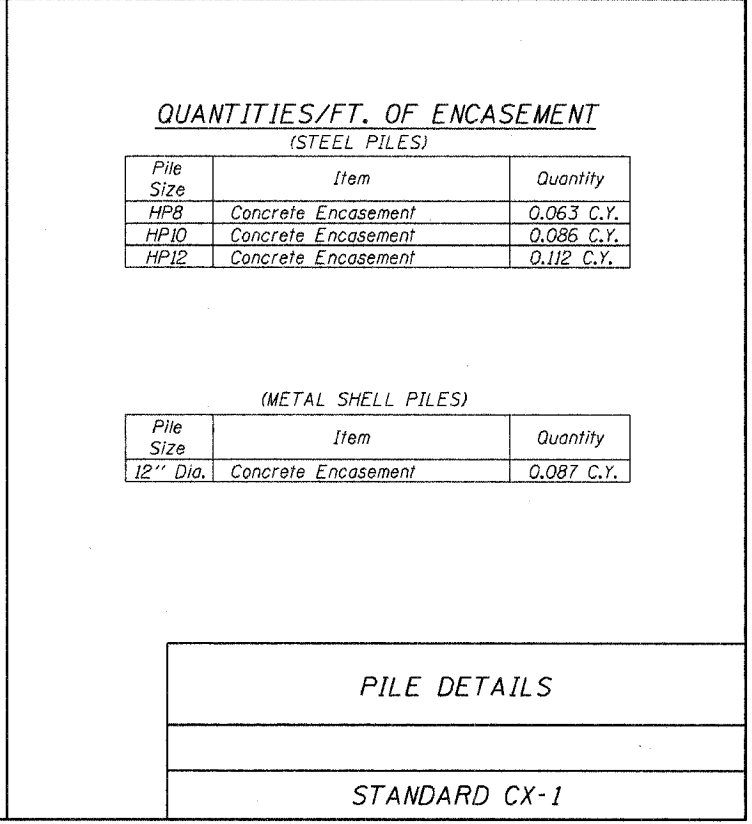
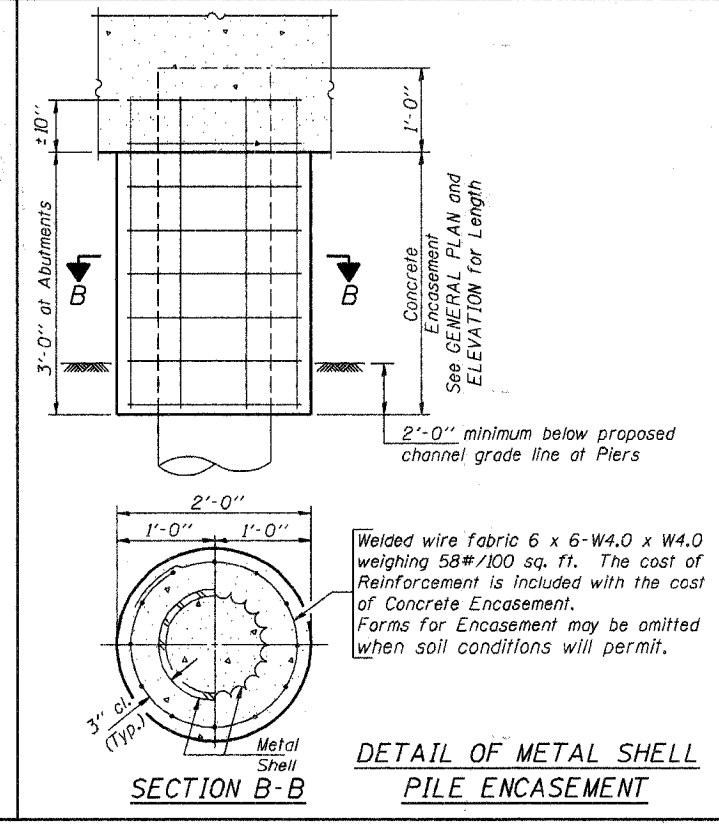
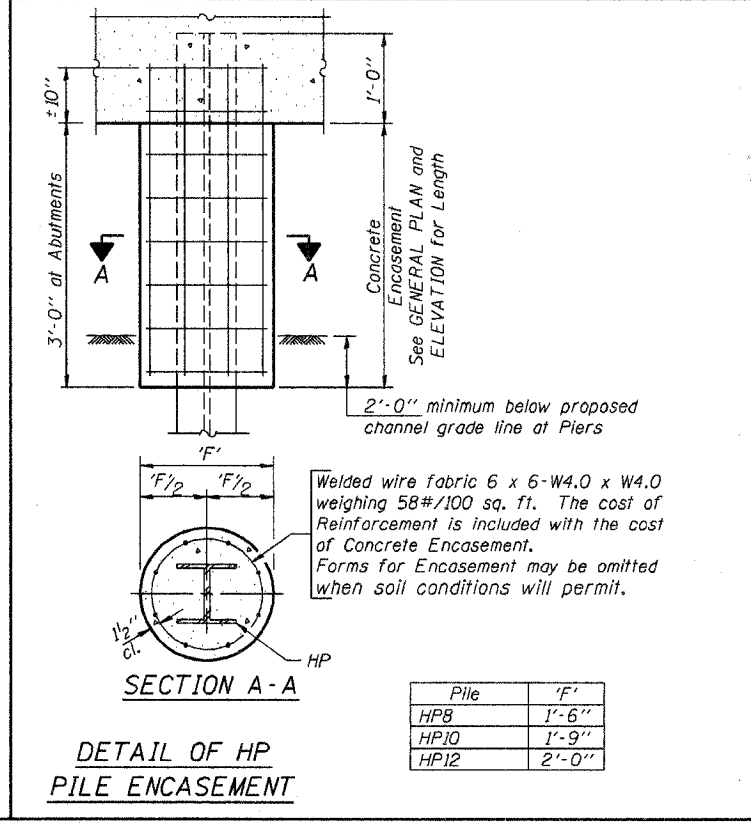
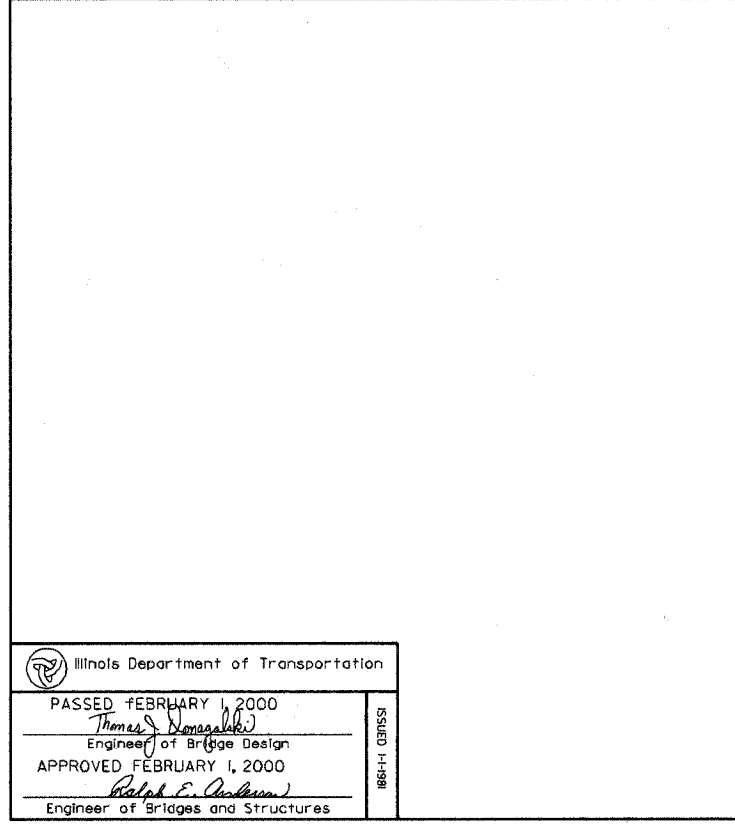
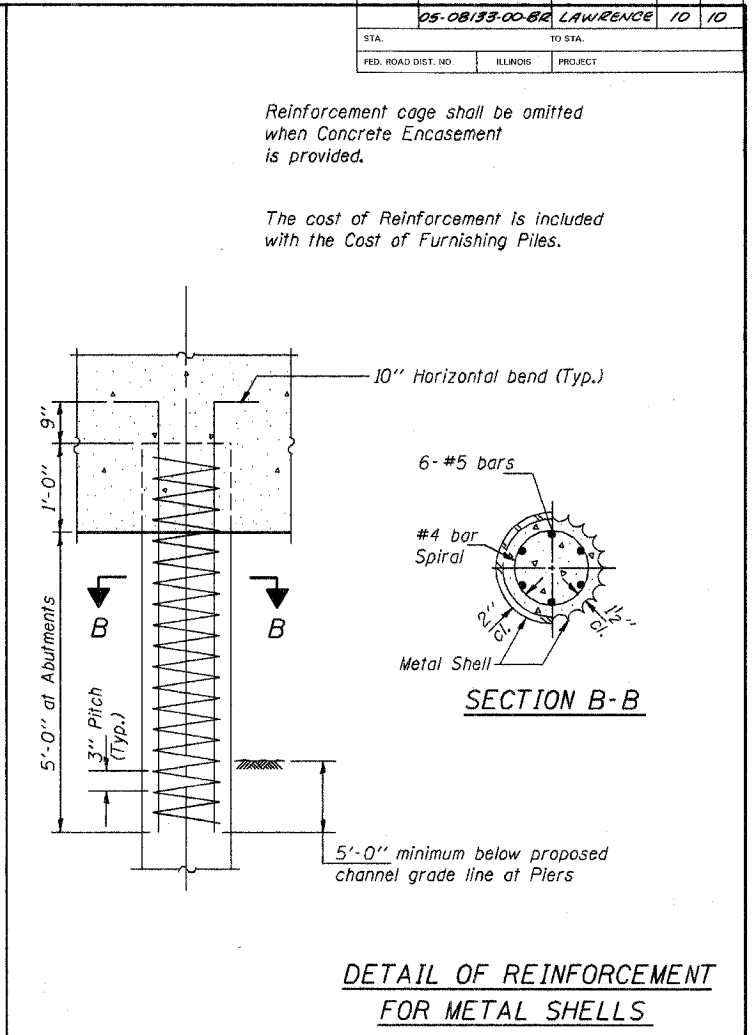
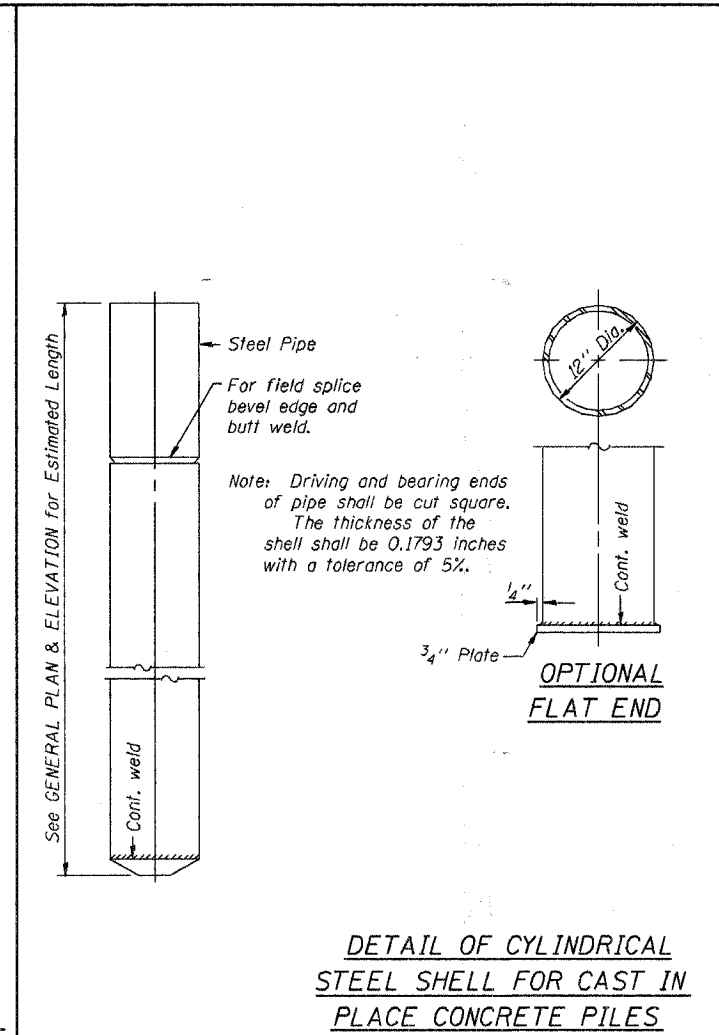
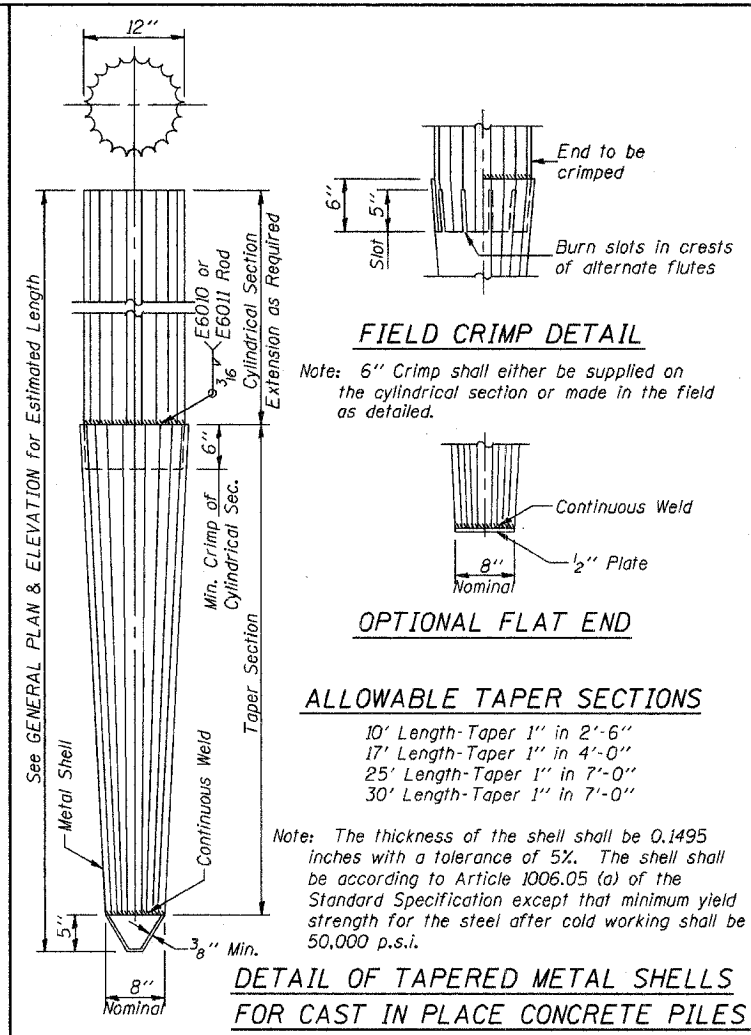
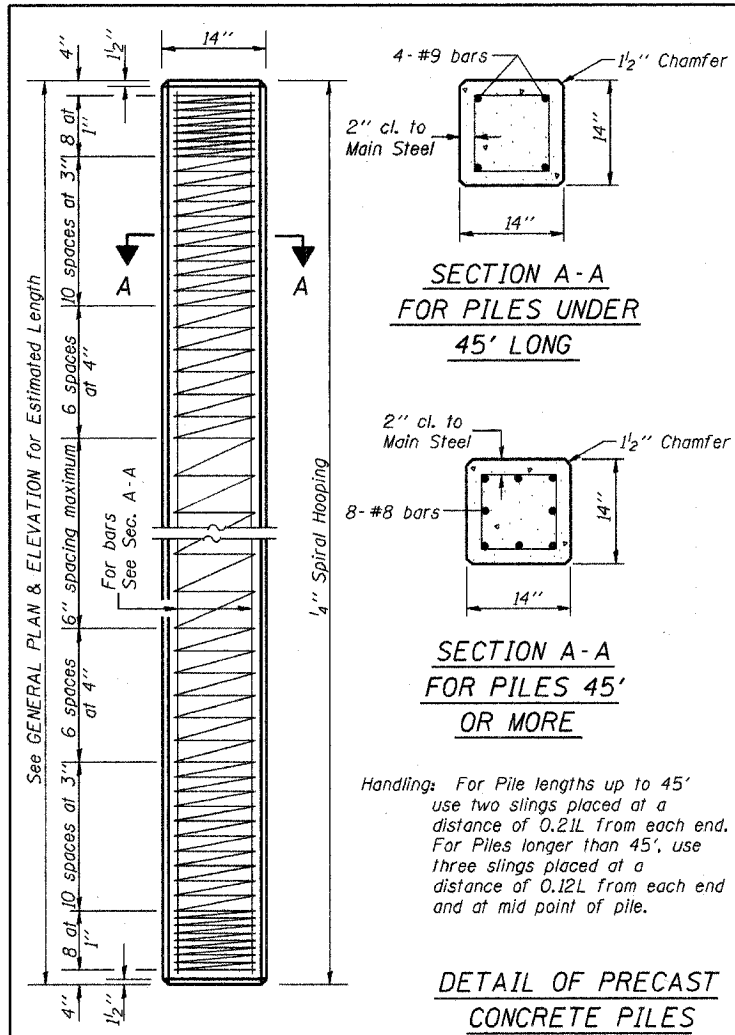
PASSED APRIL 4, 2005  
*Thomas J. Romagnolo*  
 Engineer of Bridge Design

APPROVED APRIL 4, 2005  
*Ralph E. Anderson*  
 Engineer of Bridges and Structures

566-1-7 03/95/51

NAME PLATE  
 STANDARD CN

F.S.L. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET
	05-08133-00-82	LAWRENCE	10	10
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	PROJECT		



Illinois Department of Transportation

PASSED FEBRUARY 1, 2000

Thomas J. Donaghy  
Engineer of Bridge Design

APPROVED FEBRUARY 1, 2000

Ralph E. Anderson  
Engineer of Bridges and Structures