

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLANS FOR PROPOSED
HIGHWAY BRIDGE PROGRAM

TR 454 OVER HICKORY CREEK
SECTION 06-19125-00-BR
FAYETTE COUNTY
PROJECT NO. BROS-051(79)
C-97-013-08

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TR 454	06-19125-00-BR	FAYETTE	9	1
FED. ROAD DIST. NO. 7 ILLINOIS		FEDERAL AID PROJECT		
CONTRACT NO. 95532				

INDEX OF SHEETS

- COVER SHEET
- SUMMARY OF QUANTITIES AND TYPICAL SECTIONS
- PLAN AND PROFILE OF ROADWAY
- CROSS SECTIONS OF ROADWAY
- GENERAL PLAN AND ELEVATION
- PRECAST PRESTRESSED CONCRETE DECK BEAM DETAILS
- STEEL RAILING, TYPE S1 DETAILS
- ABUTMENT DETAILS

STANDARDS ARE INCLUDED IN PLANS AFTER SHEET NO. 9
000001-05 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
515001-02 NAME PLATE FOR BRIDGES
635006-02 REFLECTOR AND TERMINAL MARKER PLACEMENT
701901 TRAFFIC CONTROL DEVICES
BLR 21-7 TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS

SOIL BORINGS (SEE SPECIFICATIONS)



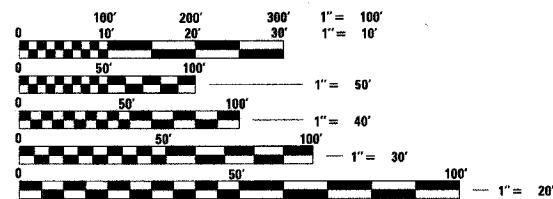
FAYETTE COUNTY
HIGHWAY DEPARTMENT

APPROVED 11-2, 2007
Michael A. Wray
FAYETTE COUNTY, COUNTY ENGINEER

PASSED 11-7, 2007
Manuel E. Kautl
DISTRICT SEVEN ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID
BASED ON LIMITED
REVIEW 11-7, 2007
Christie M. Reed
DEPUTY DIRECTOR OF HIGHWAYS, REGION FOUR ENGINEER

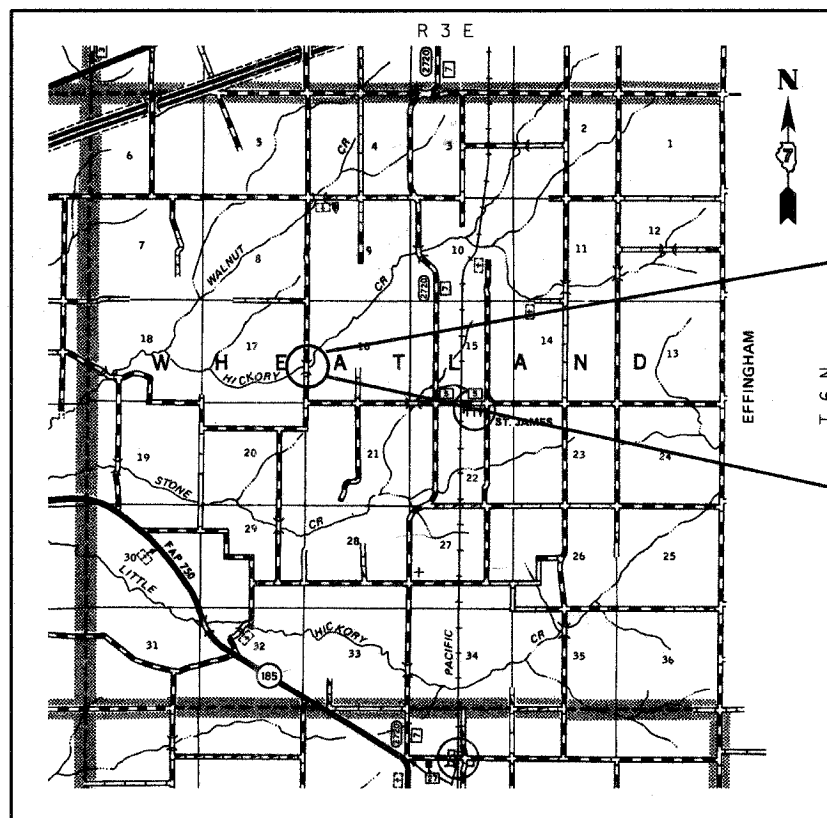
DESIGN CLASSIFICATION: RURAL LOCAL ROAD
ADT₂₀₀₇ : 150
ADT₂₀₂₇ : 200
DESIGN SPEED - 30 MPH



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES, REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES, IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATING INFORMATION FOR EXCAVATORS
1-800-892-0123 Website: <http://www.illinois1call.com>

CONTRACT NO. 95532



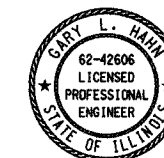
SECTION BEGINS
STA. 8+57.36

SECTION 06-19125-00-BR

INCLUDES THE CONSTRUCTION OF A SINGLE SPAN PRECAST PRESTRESSED CONCRETE DECK BEAM BRIDGE CARRYING TR 454 OVER HICKORY CREEK, 82'-6" BK TO BK ABUTMENTS, NO SKEW, EXISTING STRUCTURE NO. 026-3308 PROPOSED STRUCTURE NO. 026-3437

SECTION ENDS
STA. 12+71.25

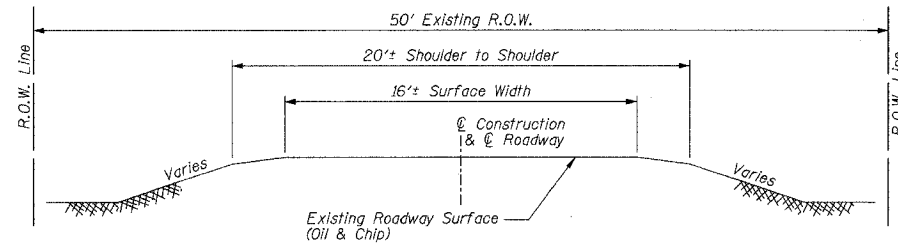
LOCATION: NEAR THE NE CORNER, SE 1/4, SECTION 17, T6N, R3E, 3RD P.M.
NET LENGTH OF PROJECT: 413.89 FT = 0.078 MI



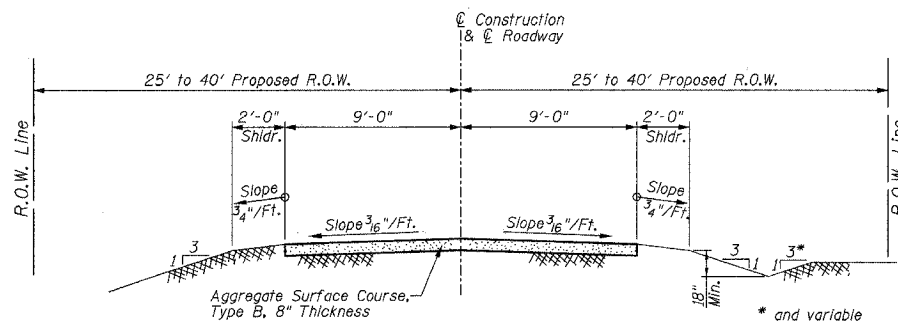
Gary L. Hahn 10-31-07
GARY L. HAHN
CENTRALIA, ILLINOIS
ILLINOIS LICENSED PROFESSIONAL
ENGINEER NO. 62-42606
EXPIRES NOV. 30, 2009

10/31/2007

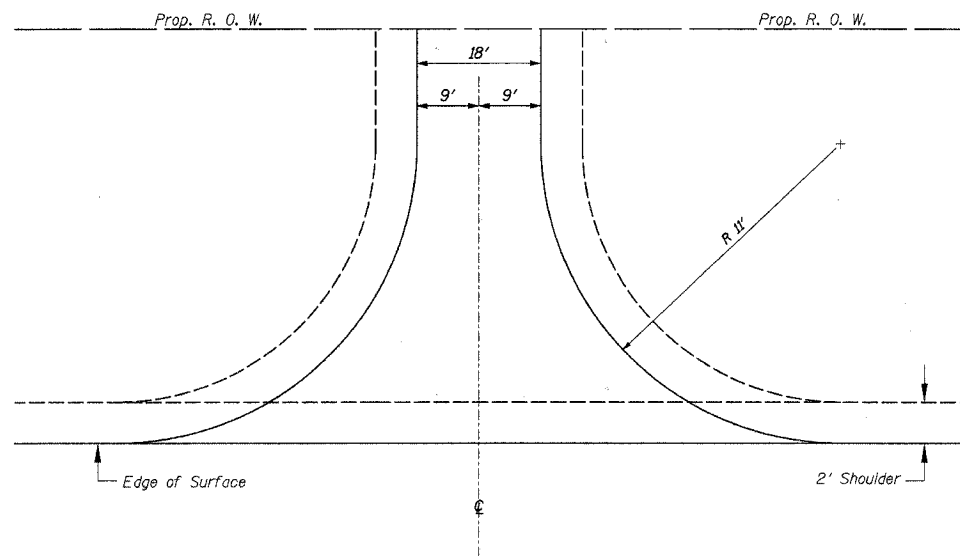
ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TR 454	06-19125-00-BR	FAYETTE	9	2
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 95532				



**TYPICAL SECTION
EXISTING APPROACH ROADWAY**



**TYPICAL SECTION
PROPOSED APPROACH ROADWAY**



Aggregate Surface Course, Type B 6" Depth
 Lt., Sta. 9+00 - 24 Tons
 Rt., Sta. 9+00 - 24 Tons
 Lt., Sta. 11+05 - 24 Tons
 (Included in Summary of Quantities)

TYPICAL FIELD ENTRANCE

SUMMARY OF QUANTITIES

Code No.	Item	Unit	Quantity	Location	
				X081-2R	E000
20100500	TREE REMOVAL, ACRES	ACRE	0.1	-	0.1
20200100	EARTH EXCAVATION	CU YD	96	-	96
20300100	CHANNEL EXCAVATION	CU YD	557	557	-
20400800	FURNISHED EXCAVATION	CU YD	256	-	256
* 20700110	POROUS GRANULAR EMBANKMENT	TON	78	78	-
* 25001000	SEEDING, CLASS 2 (SPECIAL)	ACRE	0.3	-	0.3
28000300	TEMPORARY DITCH CHECKS	EACH	4	-	4
* 28100807	STONE DUMPED RIPRAP, CLASS A4	TON	150	150	-
* 40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	382	-	382
* 50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1	1	-
50300225	CONCRETE STRUCTURES	CU YD	18.2	18.2	-
50300280	CONCRETE ENCASEMENT	CU YD	2.8	2.8	-
* 50400605	PRECAST PRESTRESSED CONCRETE DECK BEAMS (33" DEPTH)	SQ FT	1948	1948	-
50800105	REINFORCEMENT BARS	POUND	3020	3020	-
Δ 50900205	STEEL RAILING, TYPE S1	FOOT	165	165	-
51201600	FURNISHING STEEL PILES HP12X53	FOOT	329	329	-
51202305	DRIVING PILES	FOOT	329	329	-
** 51203600	TEST PILE STEEL HP12X53	EACH	1	1	-
51500100	NAME PLATES	EACH	1	1	-
* 542D0223	PIPE CULVERTS, CLASS D, TYPE 1 18"	FOOT	44	-	44
67100100	MOBILIZATION	L SUM	1	1	-
Δ 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	4	4	-

* See Special Provisions

** The Contractor shall drive one (1) Steel HP12x53 Test Pile in a production pile location at the South Abutment as directed by the Engineer before ordering the remainder of the piles.

Δ Specialty Items

GENERAL NOTES

This section shall be constructed in accordance with the plans, the Special Provisions, and the "Standard Specifications for Road and Bridge Construction", adopted January 1, 2007.

Any reference to a Standard in these plans shall be interpreted to mean the edition as indicated by the sub-number listed in the Index of Sheets or the copy of the Standard included in these plans.

Roadway Centerline profiles refer to the finished surface.

Existing utilities shown are located from surface observations or information provided by the respective utilities and must be considered approximate. There may be others, the exact location of which are unknown and not shown. The Contractor will be responsible for notifying the respective utilities before work is begun. Field marking of underground utilities may be obtained by providing a minimum of 48 hours advance notice through the J.U.L.I.E. system by calling 1-800-892-0123, or by direct contact with non-members of J.U.L.I.E.

The nominal thickness for surface course is shown on the Typical Sections, Standards, Schedules, or Special Details. The constructed thickness of the above item shall not be less than 90 percent of the nominal thickness at any location.

Factors used for quantity calculations are as follows:

Porous Granular Embankment	2.1 tons/cu. yd.
Stone Dumped Riprap	130 pounds/cu. ft.
Aggregate Surface Course	2.1 tons/cu. yd.

UTILITIES

Telephone:
 Frontier Communications
 Rod Eller
 100 N. Park Avenue
 Hoyleton, IL 62803
 Phone: 618-493-7391

Water:
 Fayette County Water Company
 Mike Casey
 RR 1 Box 714
 Brownstown, IL 61418
 Phone: 618-347-2430

Electric:
 Southwestern Electric Cooperative, Inc.
 Greenville, IL
 Phone: 618-664-1025

**SUMMARY OF QUANTITIES AND
TYPICAL SECTIONS**

**PROPOSED BRIDGE OVER
HICKORY CREEK**

TR 454

**SECTION 06-19125-00-BR
FAYETTE COUNTY, ILLINOIS**

Sheet
2
of 9
Job No. 50606

10/31/2007

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TR 454	06-19125-00-BR	FAYETTE	9	3
STA. 6+00.00		TO STA. 14+00.00		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

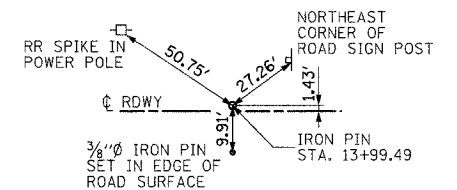
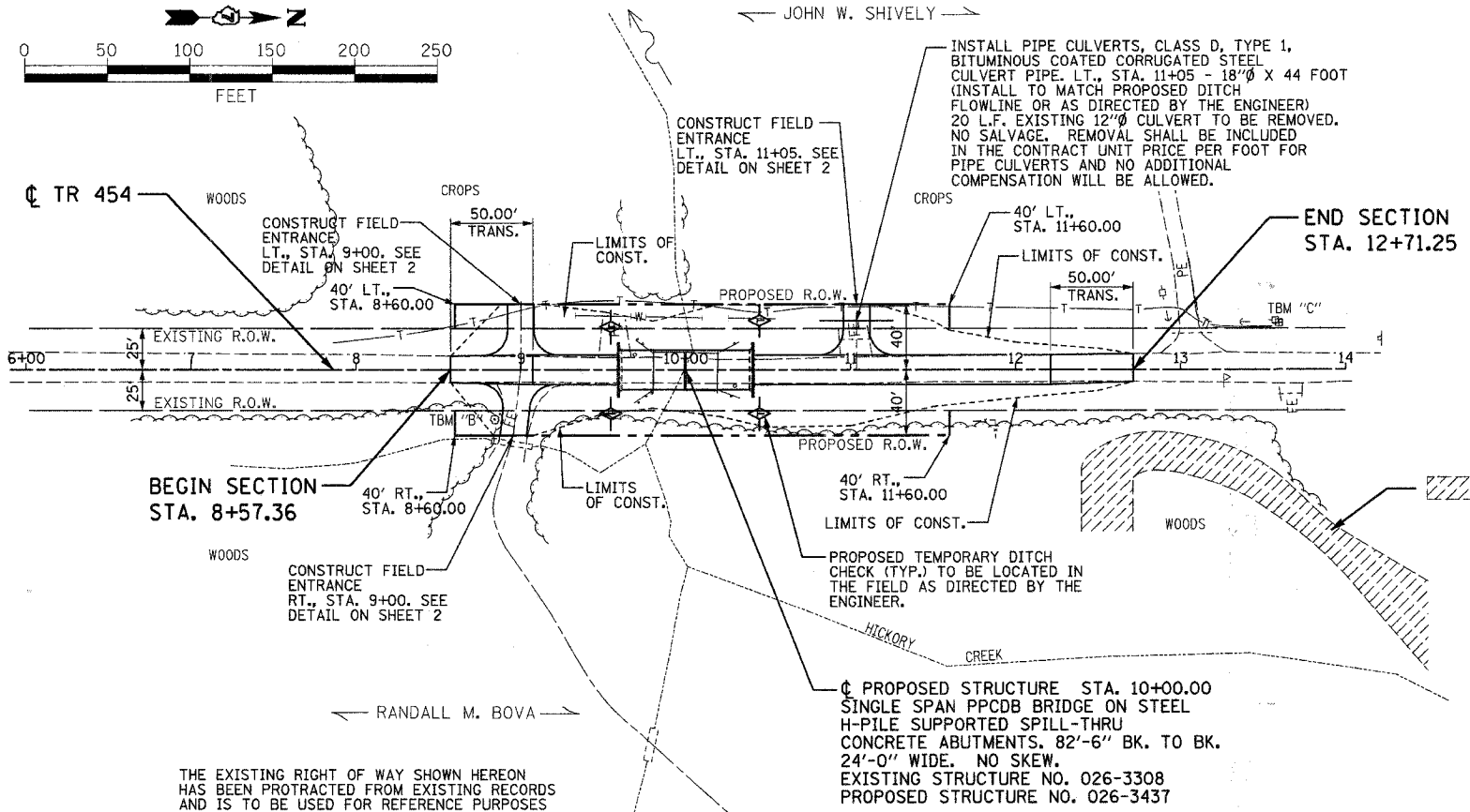
EXISTING STRUCTURE: TWO SPAN BRIDGE WITH PRECAST CONCRETE DECK SLABS ON CLOSED TIMBER ABUTMENTS AND TIMBER PIER. 40'L. x 22.5'W. NO SKEW. NO SALVAGE. SEE SPECIAL PROVISIONS.

TREE REMOVAL, ACRES	
LOCATION	TREE REMOVAL AC.
20' RT. TO 40' RT., STA. 8+80 TO STA. 11+50	0.1
TOTALS	0.1

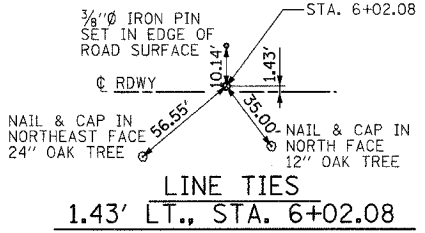
EARTHWORK SCHEDULE				
LOCATION	EARTH EXCAVATION CU. YD.	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE* CU. YD.	EMBANKMENT CU. YD.	EARTHWORK BALANCE** WASTE (+) OR SHORTAGE (-) CU. YD.
STA. 8+57.36 TO STA. 9+58.75	32	24	44	-20
STA. 10+42.25 TO STA. 12+71.25	64	48	284	-236
TOTAL	96	72	328	-256

*25% SHRINKAGE **FURNISHED EXCAVATION

LIMITS OF JURISDICTIONAL WETLAND. DURING CONSTRUCTION OF THE PROPOSED IMPROVEMENTS, THE CONTRACTOR SHALL EMPLOY ANY MEANS NECESSARY TO ENSURE THAT THIS AREA REMAINS UNDISTURBED FOR THE DURATION OF THE PROJECT.

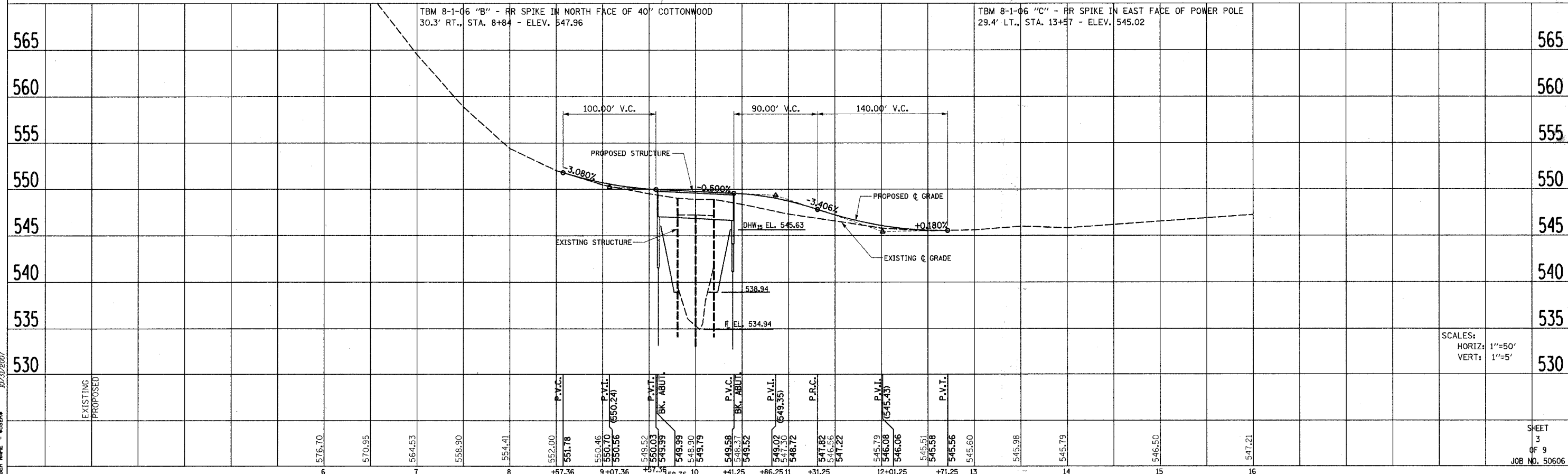


LINE TIES
1.43' LT., STA. 13+99.49



LINE TIES
1.43' LT., STA. 6+02.08

THE EXISTING RIGHT OF WAY SHOWN HEREON HAS BEEN PROTRACTED FROM EXISTING RECORDS AND IS TO BE USED FOR REFERENCE PURPOSES ONLY. FURTHERMORE, NO COMPLETE SURVEY OF SAID R.O.W. IS IMPLIED BY THIS DRAWING.



DATE	BY

DATE	BY

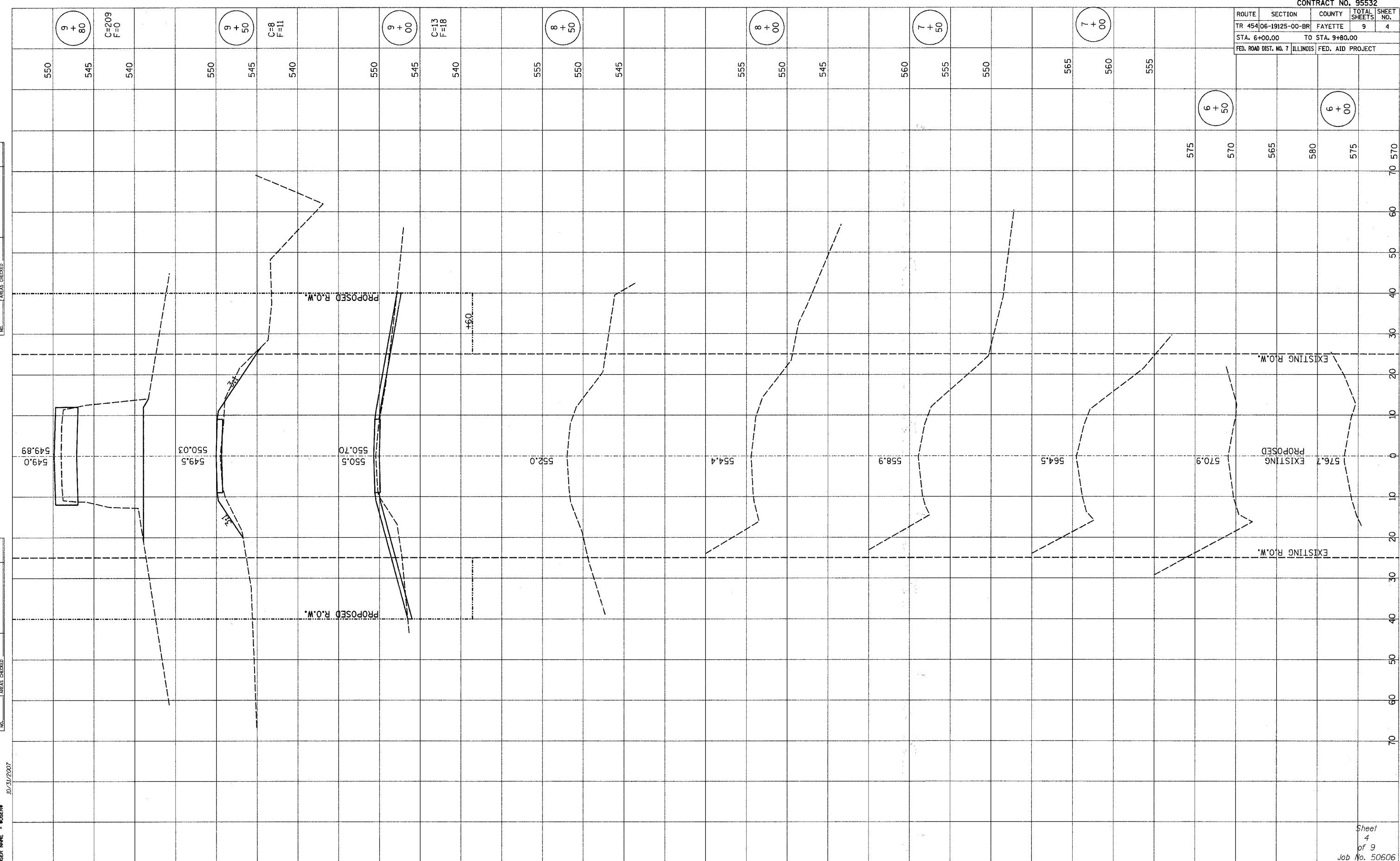
DATE = DATE
DRAWN = DRAWN
SCALE = SCALE
USER = USER

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TR 454	06-19125-00-BR	FAYETTE	9	4
STA. 6+00.00		TO STA. 9+80.00		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		

PLOT DATE = 8/04/07
 FILE NAME = #FILE#
 USER NAME = #USER#



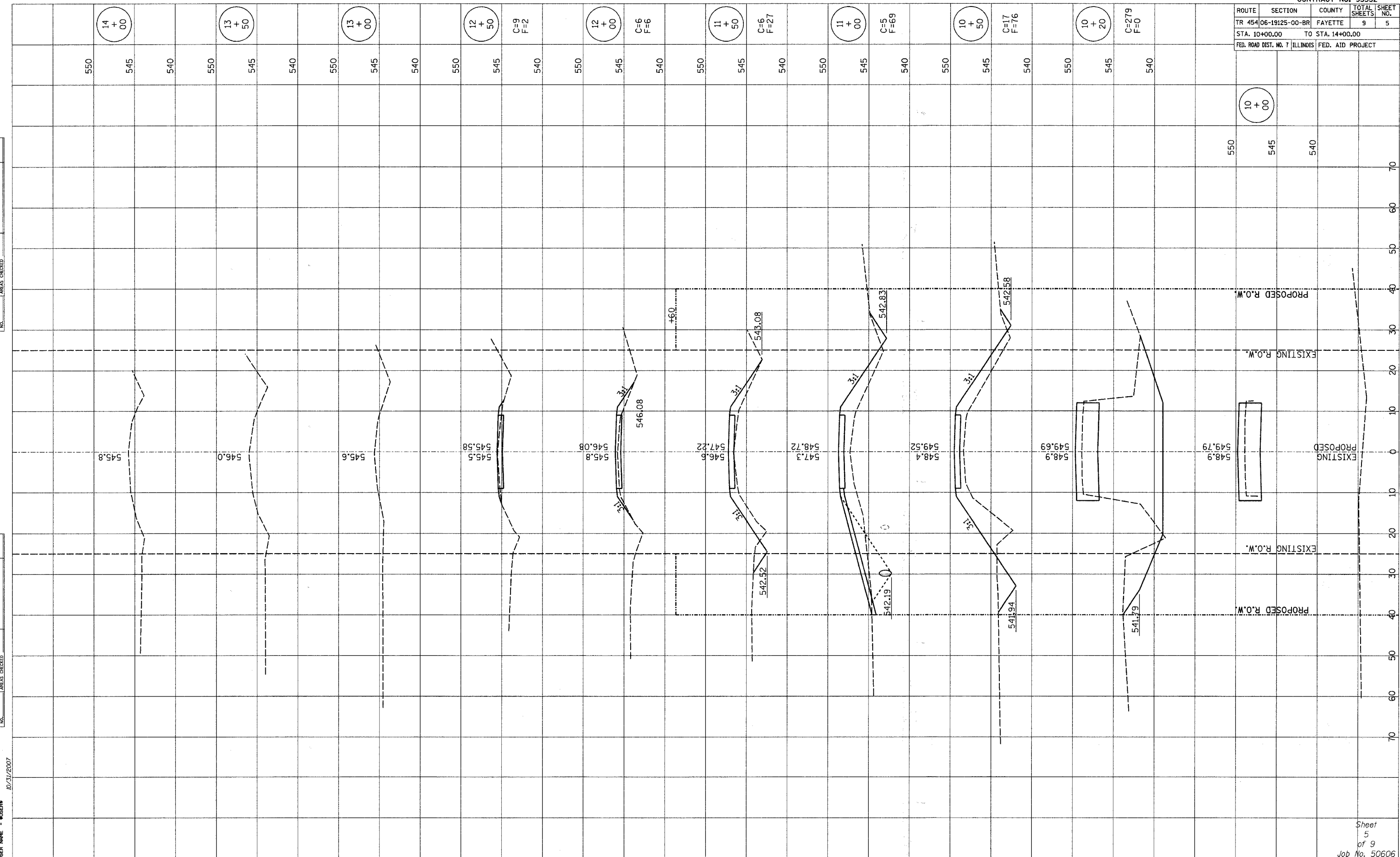
8/31/2007

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TR 454	06-19125-00-BR	FAYETTE	9	5
STA. 10+00.00		TO STA. 14+00.00		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		

FINL SURVEY	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		

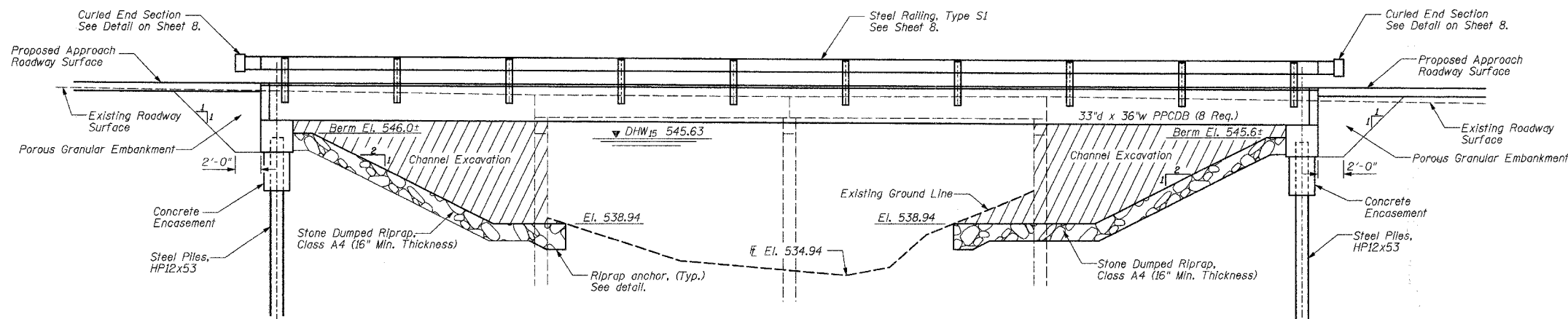
PLOT DATE = 08/07/07
 FILE NAME = 050606
 USER NAME = JWB



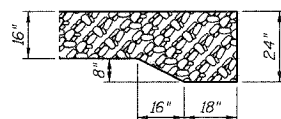
TBM 8-1-06"B" - RR spike in North face of 40" Cottonwood,
30.3' Rt. of Sta. 8+84 - Elev. 547.96
TBM 8-1-06"C" - RR spike in East face of power pole,
29.4' Lt. of Sta. 13+57 - Elev. 545.02

Existing Structure, Str. No. 026-3308; Two span with
precast concrete deck slabs on closed timber abutments
and timber pier. 40'-0" Long x 22'-6" wide. No Skew.
No salvage. See Special Provisions.

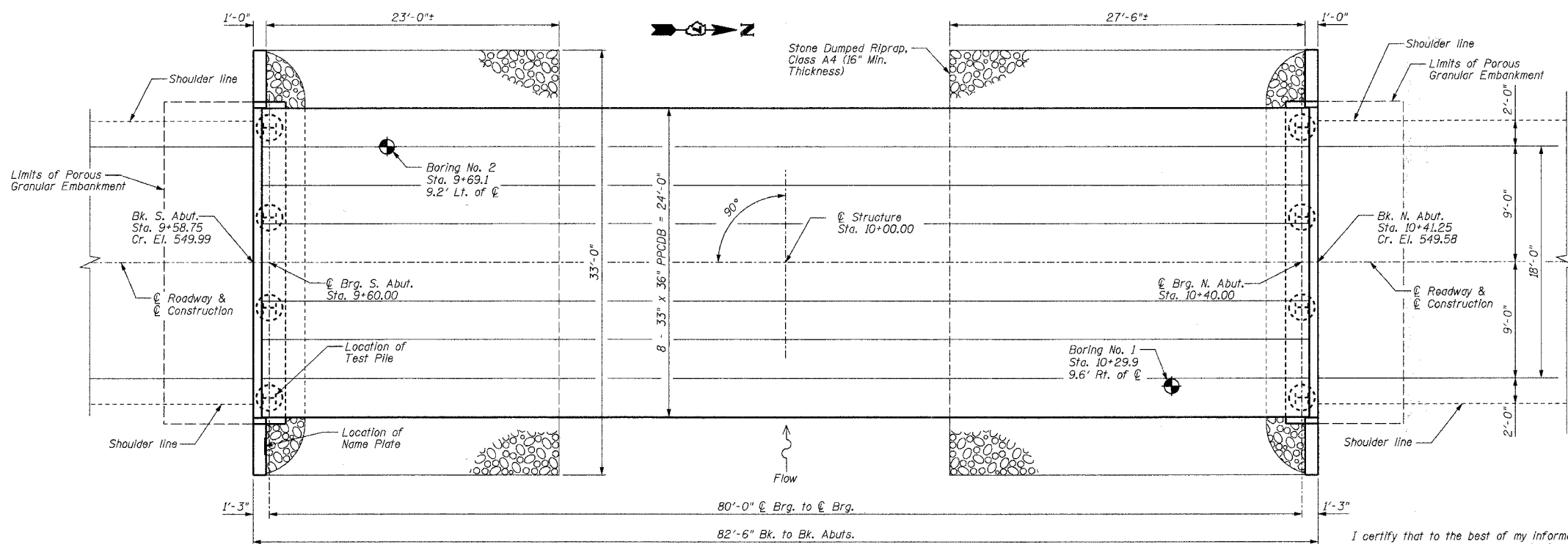
ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TR 454	06-19125-00-BR	FAYETTE	9	6
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 95532				



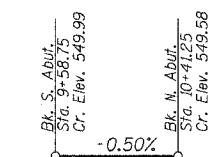
ELEVATION
(No Scale)



RIPRAP ANCHOR DETAIL



PLAN
(No Scale)



PROFILE GRADE
Along C Roadway

WATERWAY DATA

Drainage Area = 11.77 Sq. Mi. Low Grade Elev. 545.55 @ Sta. 12+64.22

Flood	Freq. Yr.	Q C.F.S.	Opening Sq. Ft.		Natural Head - Ft.		Headwater El.		
			Exist.	Prop.	H.W.E.	Exist.	Prop.	Exist.	Prop.
Design	15	1913	323	481	545.63	0.16	0.02	545.79	545.65
Base	100	3043	349	534	546.33	0.68	0.10	547.01	546.43
Max. Calc.	500	3961	367	567	546.79	1.36	0.27	548.15	547.06

DESIGN STRESSES

FIELD UNITS
 $f'_c = 3,500$ psi
 $f_y = 60,000$ psi

PRECAST PRESTRESSED UNITS

$f'_c = 6,000$ psi
 $f'_{ci} = 5,000$ psi
 $f'_s = 270,000$ psi ($1/2$ " ϕ strands)(Low Relaxation)
 $f'_{si} = 202,500$ psi ($1/2$ " ϕ strands)(Low Relaxation)

DESIGN SPECIFICATIONS

AASHTO - 2002, 17th Edition

LOADING HS20-44

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

I certify that to the best of my information, knowledge, and belief, this bridge is structurally adequate for the design loading shown on plans. The design is an economical one for the structure and complies with requirements of the current AASHTO Standard Specifications for Highway Bridges.



Gary L. Hahn 10-31-07

Gary L. Hahn
 Centralia, Illinois
 Illinois Licensed Structural
 Engineer No. 81-4853
 Expires Nov. 30, 2008

BILL OF MATERIALS (BRIDGE ONLY)

ITEM	UNIT	SUPER	SUB	TOTAL
Channel Excavation	Cu Yd	-	557	557
Porous Granular Embankment	Ton	-	78	78
Stone Dumped Riprap, Class A4	Ton	-	150	150
Removal of Existing Structures	Each	-	-	1
Concrete Structures	Cu Yd	-	18.2	18.2
Concrete Encasement	Cu Yd	-	2.8	2.8
PPCDB (33" Depth)	Sq Ft	1948	-	1948
Reinforcement Bars	Pound	-	3020	3020
Steel Railing, Type S1	Foot	165	-	165
Furnishing Steel Piles HP12x53	Foot	-	329	329
Driving Piles	Foot	-	329	329
Test Pile Steel HP12x53	Each	-	1	1
Name Plates	Each	-	1	1
Terminal Marker - Direct Applied	Each	4	-	4

GENERAL NOTES

See Section 502 of the Standard Specifications for Structural Excavation.

Layout of slope protection system may be varied in the field to suit ground conditions as directed by the Engineer.

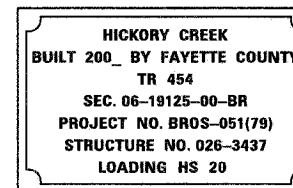
Channel excavation shall be excavated as shown within the limits of the proposed bridge, then tapered to the existing channel at the ROW line. If the Engineer deems the material satisfactory, it may be used to construct the roadway embankment.

See Specifications for Soil Borings.

Do not scale these drawings.

The Steel H-piles shall be according to AASHTO M270 Grade 50.

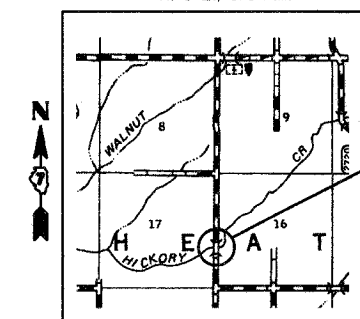
The Contractor shall drive one (1) Steel HP12x53 Test Pile in a permanent location at the South Abutment as directed by the Engineer before ordering the remainder of the piles.



NAME PLATE

(See State Standard 515001 for details)

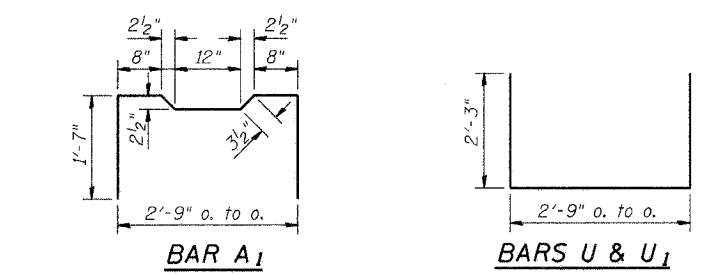
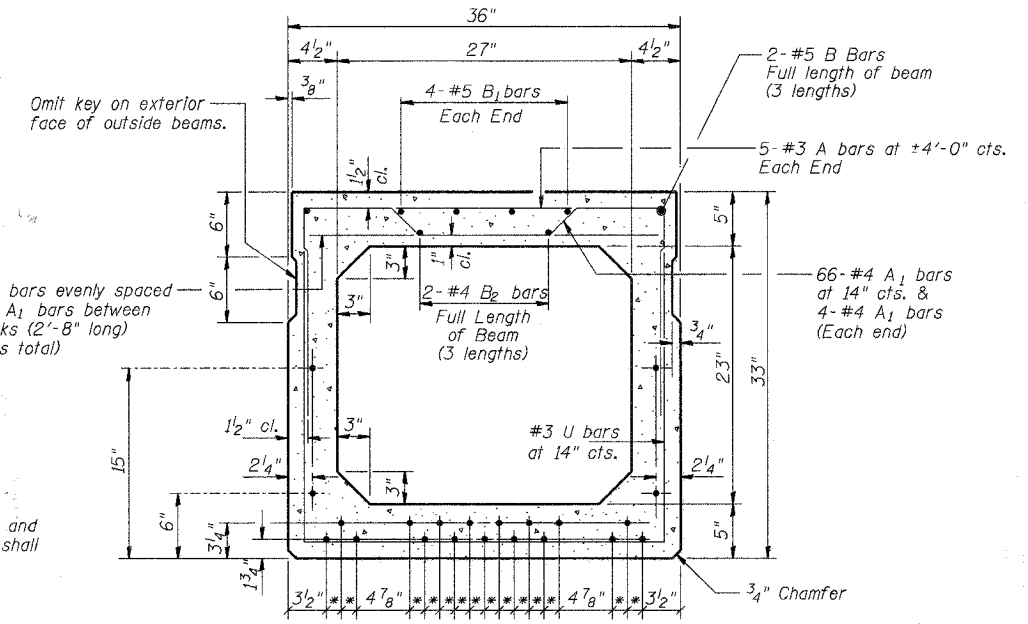
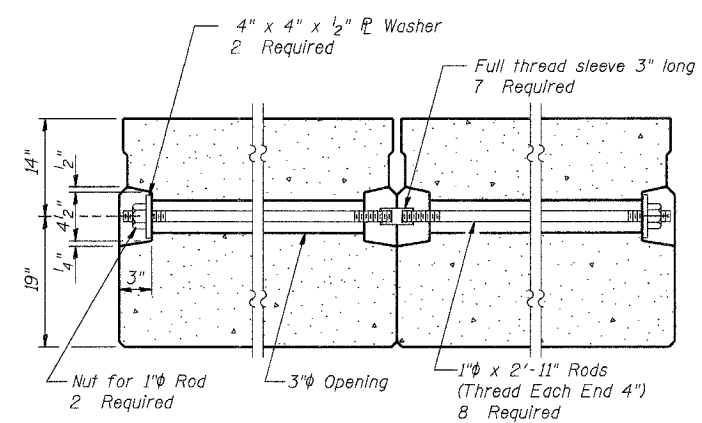
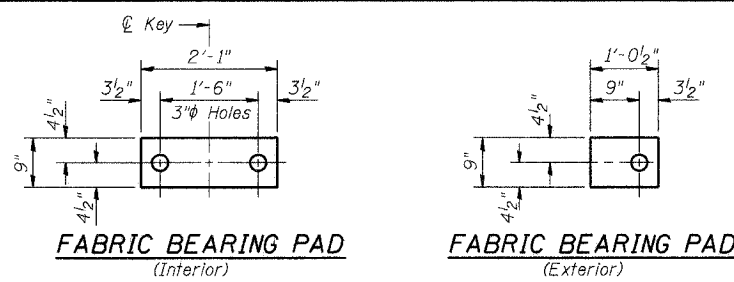
R. 3 E., 3rd P.M.



LOCATION SKETCH

**GENERAL PLAN AND ELEVATION
 PROPOSED BRIDGE OVER
 HICKORY CREEK
 TR 454
 SECTION 06-19125-00-BR
 FAYETTE COUNTY, ILLINOIS**

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TR 454	06-19125-00-BR	FAYETTE	9	7
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 95532				

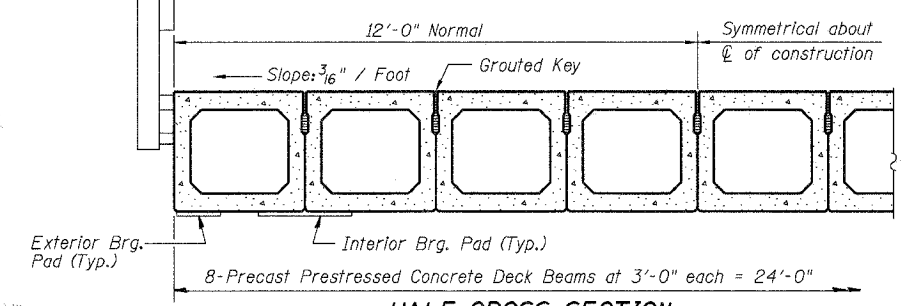
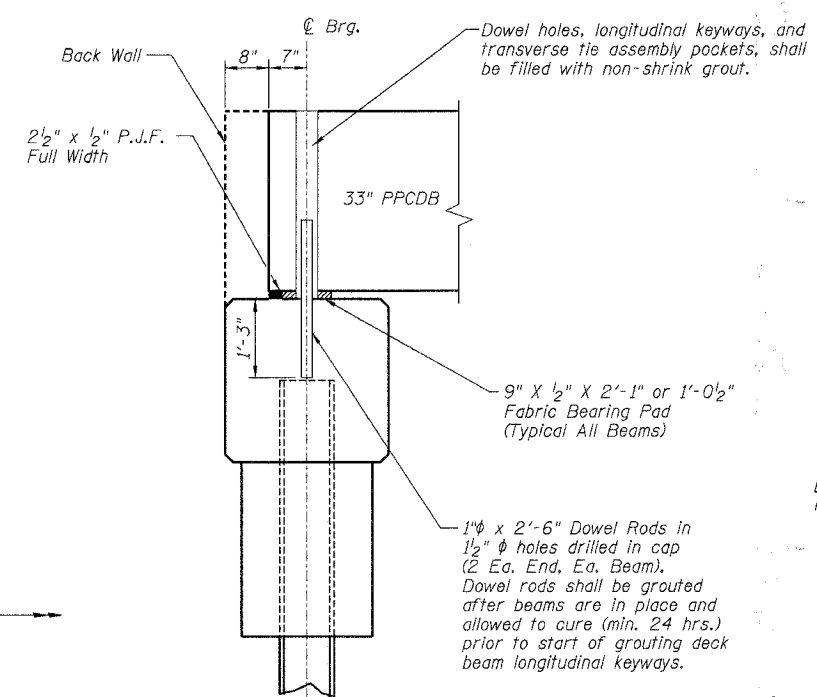
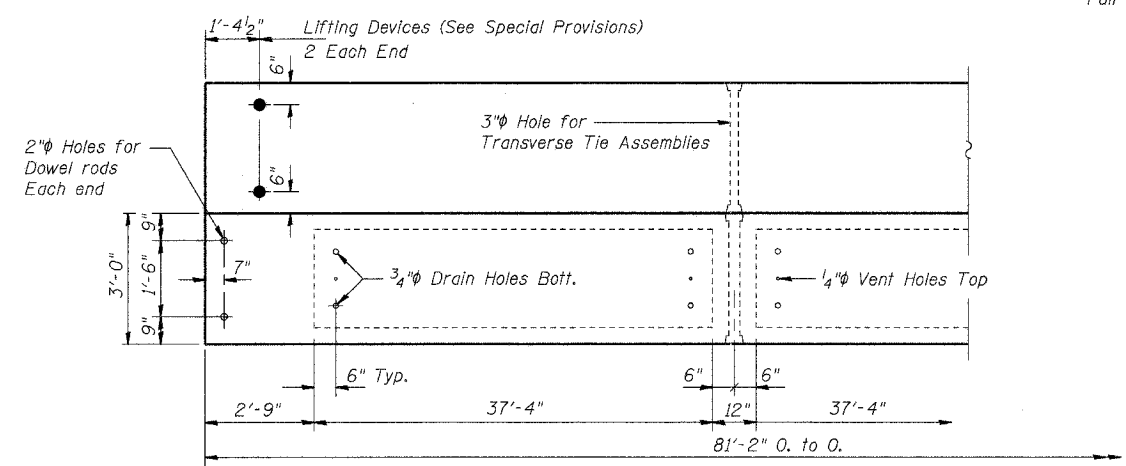


TYPICAL TRANSVERSE TIE ASSEMBLY

2-#3 A bars evenly spaced between A₁ bars between end blocks (2'-8" long) (130 bars total)

TYPICAL SECTION
 21 - 1/2" Strands Each Strand Stressed to 31,000 Lbs.
 9-Strands 1 3/4" up, 8-Strands 3/4" up
 2-Strands 6" up, 2-Strands 15" up
 * = 1 3/8"

Note: Place strands symmetrically about center of beam.



See Sheet 8 for the details showing the spacing and mounting of posts and rails to the PPCDB.

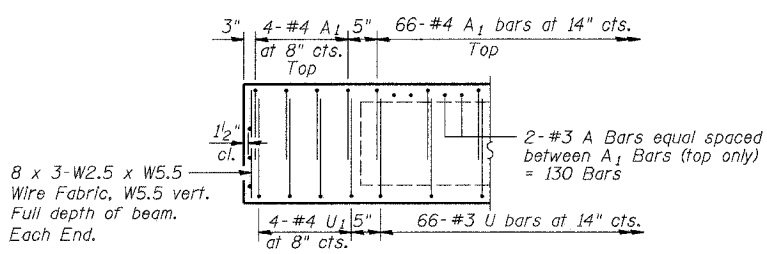
BILL OF MATERIAL ONE BEAM

Bar	No.	Size	Length	Shape
A	140	#3	2'-8"	
A ₁	74	#4	6'-1"	
B	6	#5	29'-0"	
B ₁	8	#5	16'-3"	
B ₂	6	#4	28'-6"	
U	66	#3	7'-3"	
U ₁	8	#4	7'-3"	
Precast Prestressed Concrete Deck Beams				Sq. Ft. 243.50
** Reinforcement Bars				Pound 1100
Total Weight Each Beam				Pound 53560

**Weight does not include W.W.F.

NOTES

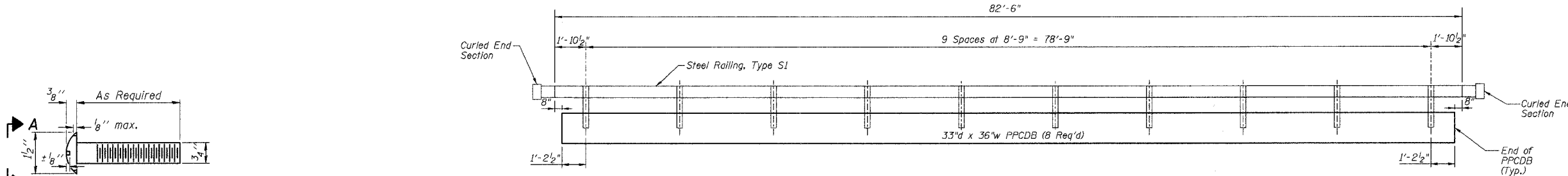
- Prestressing steel shall be uncoated high strength, Low-relaxation 7-wire strand, Grade 270.
- The nominal diameter shall be 1/2" and the nominal cross-sectional area shall be 0.153 sq. in.
- See Special Provisions for lifting devices.
- Corrosion Inhibitor, per Article 1020.05(b)(12) of the Standard Specifications, shall be used in the concrete for precast prestressed concrete deck beams.
- The 1" rods in the transverse tie assembly shall be tightened to a snug fit and the threads set. Pockets that receive transverse tie bar on outside shall be filled with grout after transverse tie assembly is in place.
- Non prestressing steel shall conform to ASTM A706 (IL Mod), Grade 60.
- The bearing seat surfaces shall be adjusted by shimming to assure firm and even bearing. Two 3/8" fabric adjusting shims of the dimensions of the Exterior Bearing Pad shall be provided for each bearing.
- 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 top of the beam and the bottom edge of the key.
- Required Release Strength, f'cl, shall be 5000 p.s.i. (minimum).
- Low-relaxation strands are required.



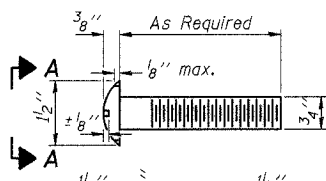
PRECAST PRESTRESSED CONCRETE DECK BEAM DETAILS
PROPOSED BRIDGE OVER HICKORY CREEK
 TR 454
 SECTION 06-19125-00-BR
 FAYETTE COUNTY, ILLINOIS

10/31/2007

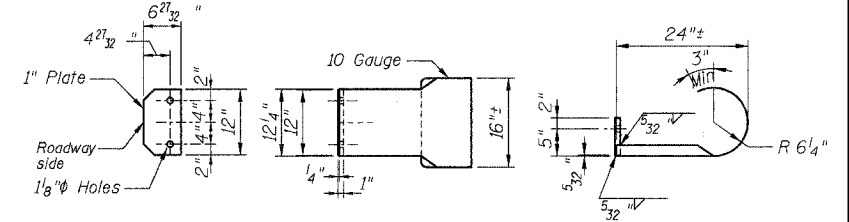
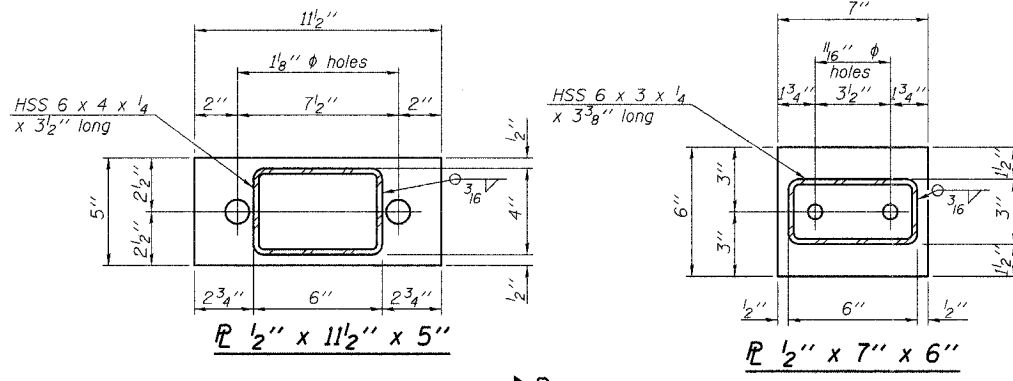
ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TR 454	06-19125-00-BR	FAYETTE	9	8
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 95532				



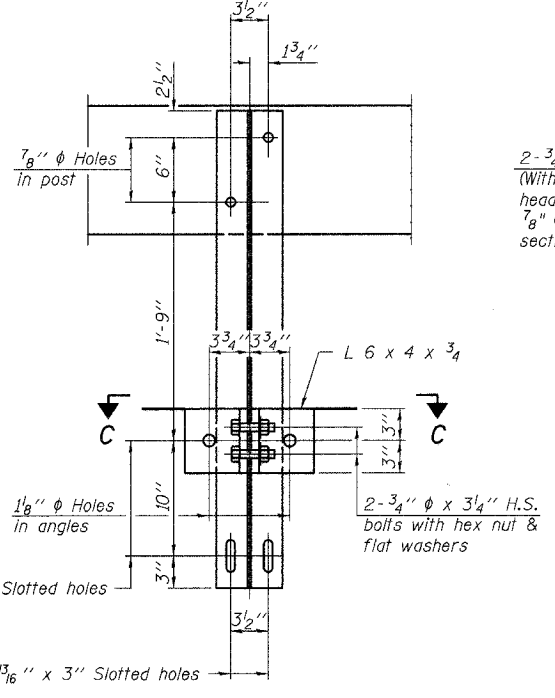
ELEVATION



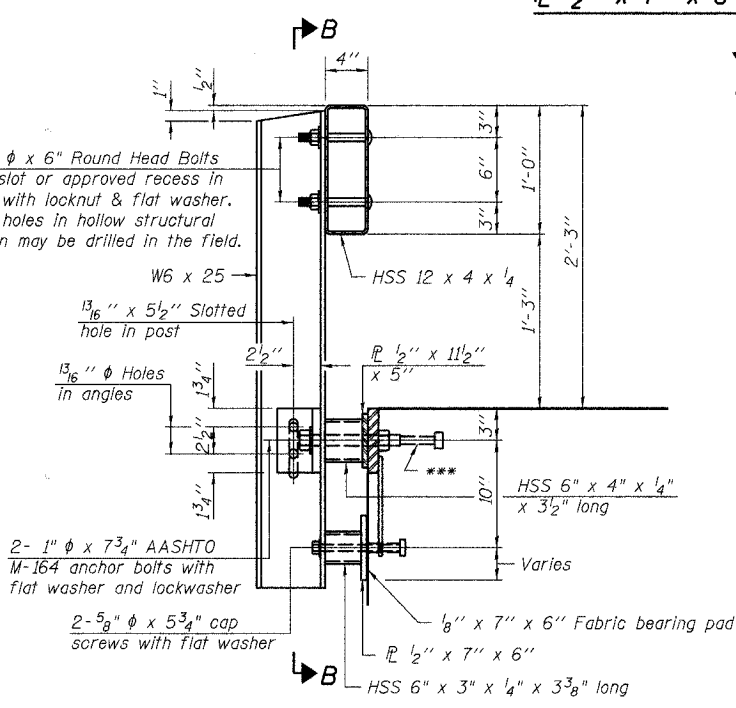
**VIEW A-A
ROUND HEAD BOLT**



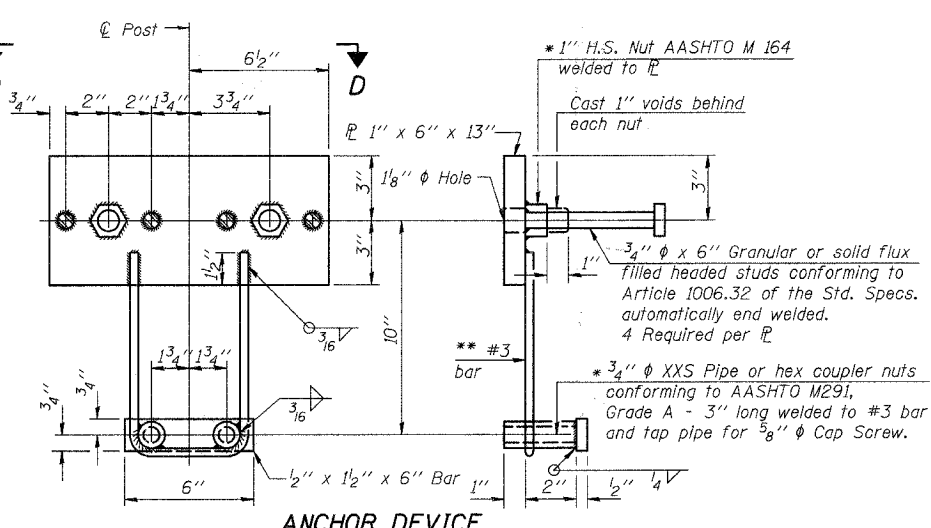
CURLED END SECTION DETAILS
The cost of the Curled End Section is included in the cost of the "STEEL RAILING, TYPE S1", and no additional compensation will be allowed.



SECTION B-B

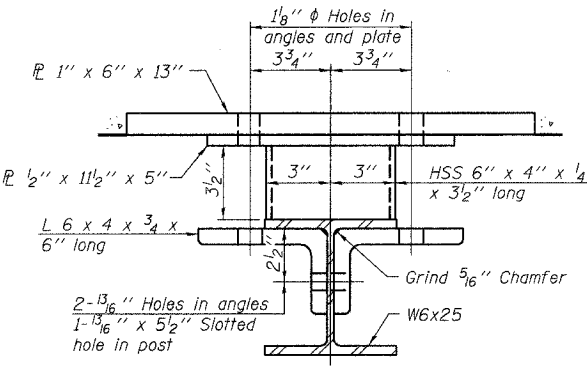


SECTION AT RAILING POST

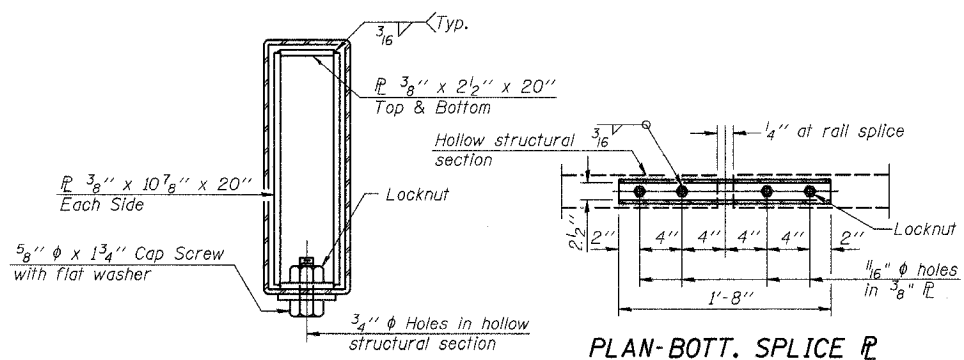


ANCHOR DEVICE

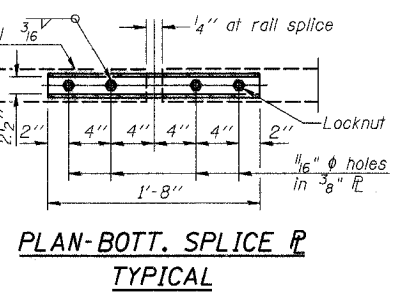
Notes:
All field drilled holes shall be coated with an approved zinc rich paint before erection.
For multi-span bridges, sufficient 1/4" x 6" x 1'-2" galvanized steel shims shall be provided to align rail between adjacent spans. Cost included with Steel Railing, Type S1.
All steel rail elements shall be galvanized according to Article 509.05 of the Standard Specifications.
*** The studs of the anchor devices shall be placed below the top reinforcement bars and the outermost longitudinal reinforcement bar shall be placed directly above the studs of the rail post anchor device.



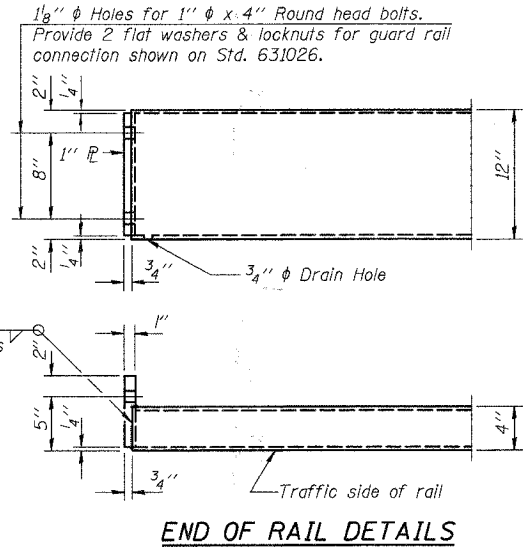
SECTION C-C



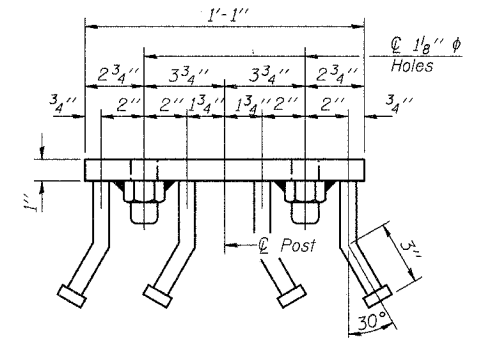
SECTIONS AT RAIL SPLICE



**PLAN-BOTT. SPLICE R
TYPICAL**



END OF RAIL DETAILS



VIEW D-D

BILL OF MATERIAL

Item	Unit	Quantity
Steel Railing, Type S1	Foot	165

STEEL RAILING, TYPE S1 DETAILS
PROPOSED BRIDGE OVER
HICKORY CREEK
TR 454
SECTION 06-19125-00-BR
FAYETTE COUNTY, ILLINOIS

10/31/2007

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TR 454	06-19125-00-BR	FAYETTE	9	9
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 95532				

PILE DATA

Type and Size:	Steel HP12x53
Nominal Required Bearing:	418 kips
Allowable Resistance Available:	139 kips
Estimated Length:	
South Abutment:	51 Foot
North Abutment:	44 Foot
Number of Production Piles:	
South Abutment:	3 Each
North Abutment:	4 Each
Number of Test Piles:	
South Abutment:	1 Each
North Abutment:	None

BILL OF MATERIALS				
ONE ABUTMENT w/ WINGWALLS				
Bar	No.	Size	Length	Shape
h	20	#5	5'-6"	
h ₁	12	#5	4'-6"	
h ₂	4	#5	23'-8"	
n	47	#5	5'-0"	
p	12	#7	24'-8"	
s	30	#4	9'-5"	
u	6	#6	8'-1"	
v	24	#5	5'-0"	CUT IN FIELD
Concrete Structures			Cu. Yd.	9.1
Concrete Encasement			Cu. Yd.	1.4
Reinforcement Bars			Pound	1510

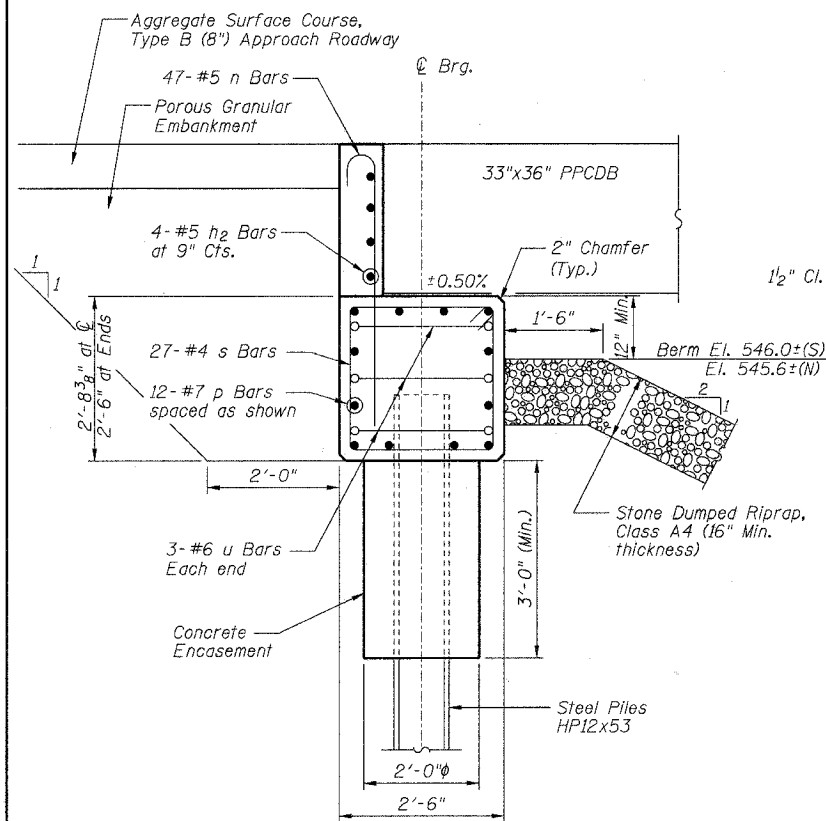
GENERAL NOTES

All exposed edges shall have standard 3/4" chamfer, unless otherwise noted.

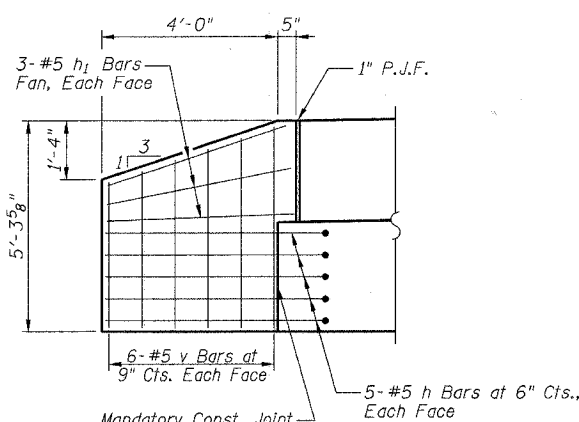
All clearances between reinforcement bars and form surface shall be 2", unless otherwise noted.

Space reinforcement in abutment cap to miss PPCDB bars.

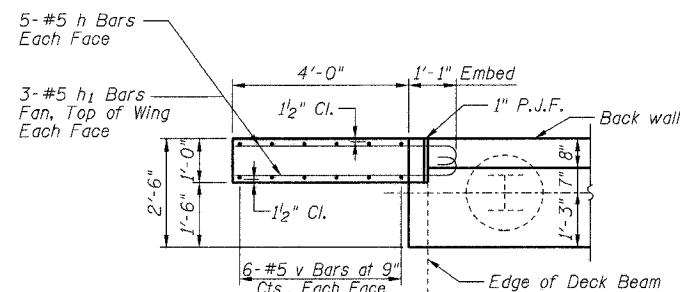
The steel H-piles shall be according to AASHTO M270, Grade 50.



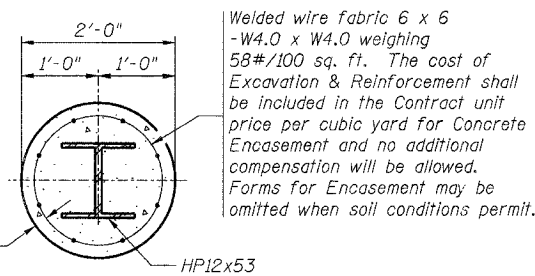
SECTION THRU ABUTMENT
Normal to Abutment



ELEVATION OF WINGWALL

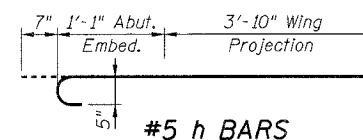
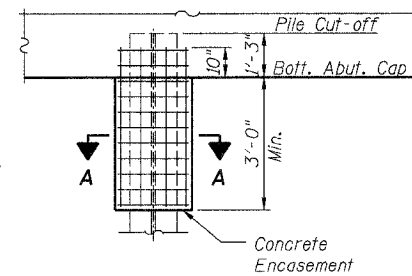


WINGWALL CONNECTION DETAIL

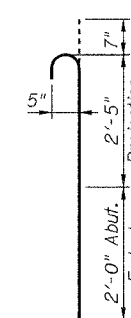


SECTION A-A

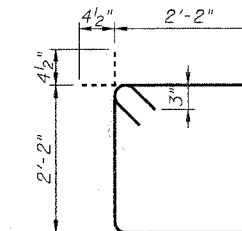
PILE ENCASEMENT DETAIL



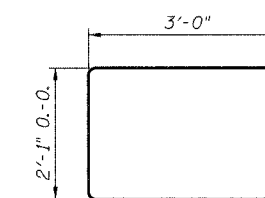
#5 h BARS



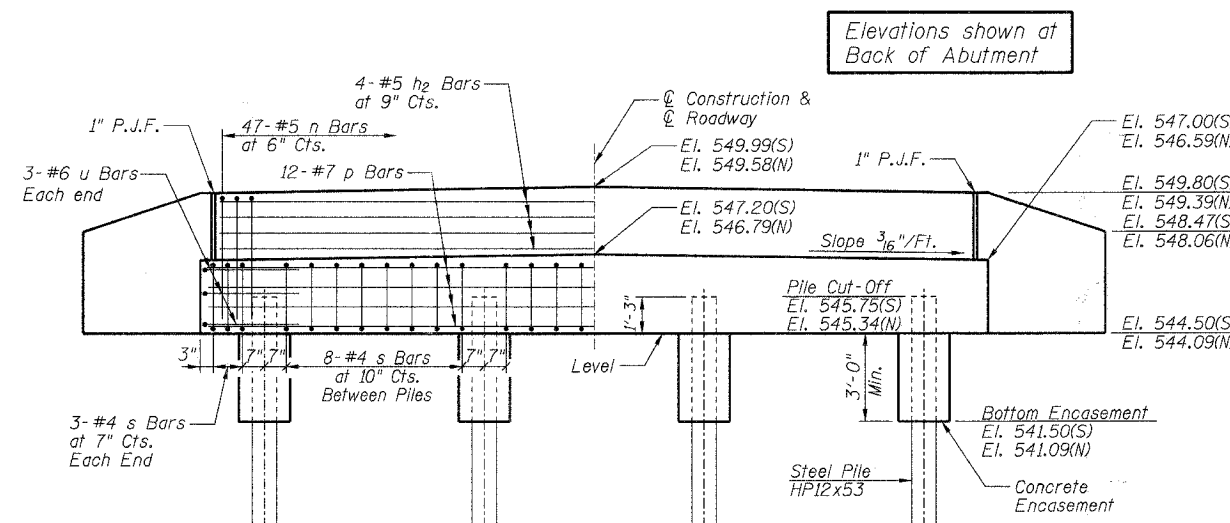
#5 n BARS



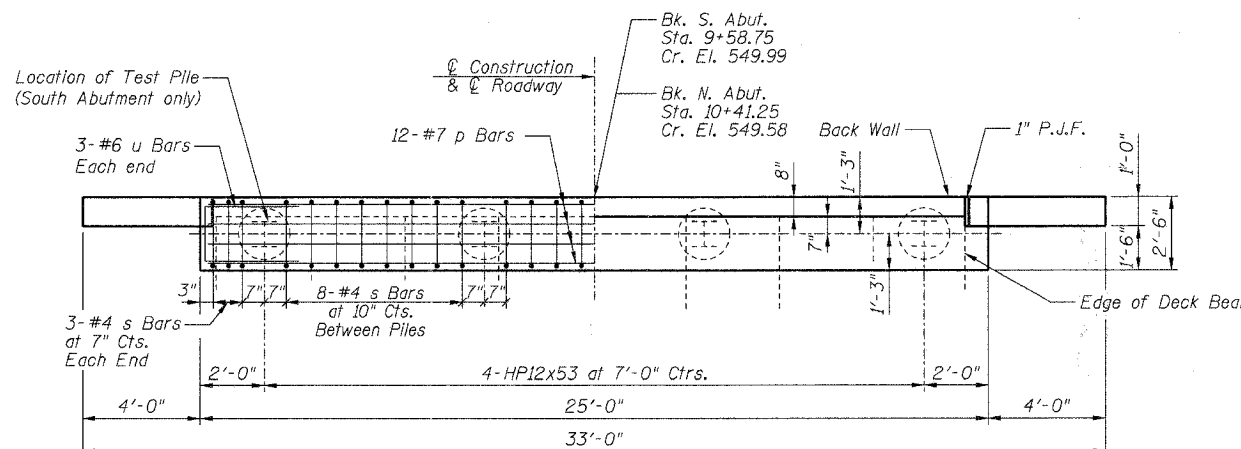
#4 s BARS



#6 u BARS



ELEVATION



PLAN

ABUTMENT DETAILS
PROPOSED BRIDGE OVER
HICKORY CREEK
TR 454
SECTION 06-19125-00-BR
FAYETTE COUNTY, ILLINOIS