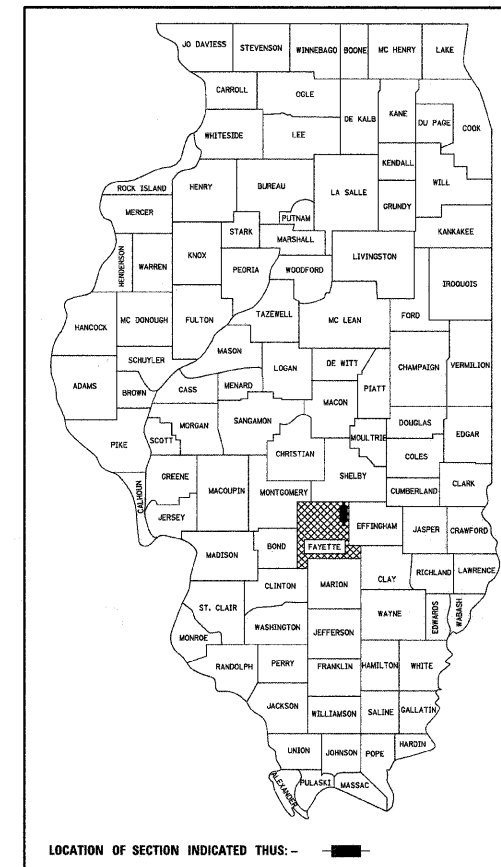


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLANS FOR PROPOSED
HIGHWAY BRIDGE PROGRAM

TR 518
BRIDGE OVER WOLF CREEK
SECTION 08-08122-00-BR
PROJECT NO. BROS-0051(084)
LOUDON ROAD DISTRICT
FAYETTE COUNTY
JOB NO. C-97-047-09

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TR 518	08-08122-00-BR	FAYETTE	11	1
FED. ROAD DIST. NO. 7 ILLINOIS				
CONTRACT NO. 95576				

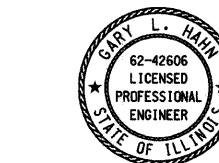


FAYETTE COUNTY
HIGHWAY DEPARTMENT

APPROVED 2-10, 2009
[Signature]
FAYETTE COUNTY, COUNTY ENGINEER

PASSED 2-11, 2009
[Signature]
DISTRICT SEVEN ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID
BASED ON LIMITED
REVIEW 2-11, 2009
[Signature]
DEPUTY DIRECTOR OF HIGHWAYS, REGION FOUR ENGINEER



[Signature] 02/09/2009
GARY L. HAHN
CENTRALIA, ILLINOIS
ILLINOIS LICENSED PROFESSIONAL
ENGINEER NO. 62-42606
EXPIRES NOV. 30, 2009

INDEX OF SHEETS

- COVER SHEET
- SUMMARY OF QUANTITIES AND TYPICAL SECTIONS
- PLAN AND PROFILE OF ROADWAY
- EROSION CONTROL PLAN
- GENERAL PLAN AND ELEVATION
- 6.-7. PRECAST PRESTRESSED CONCRETE DECK BEAM DETAILS
- STEEL RAILING, TYPE S1 DETAILS
- ABUTMENT DETAILS
- 9.-11. CROSS SECTIONS OF ROADWAY

HIGHWAY STANDARDS (SEE SPECIFICATIONS)

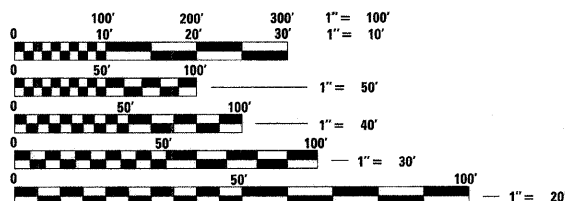
- 000001-05 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 280001-04 TEMPORARY EROSION CONTROL SYSTEMS
- 515001-03 NAME PLATE FOR BRIDGES

- 701901-01 TRAFFIC CONTROL DEVICES
- BLR 21-8 TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS

SOIL BORINGS (SEE SPECIFICATIONS)

DESIGN CLASSIFICATION: RURAL LOCAL ROAD

ADT₂₀₀₇ : 75
ADT₂₀₂₇ : 100
DESIGN SPEED - 30 MPH

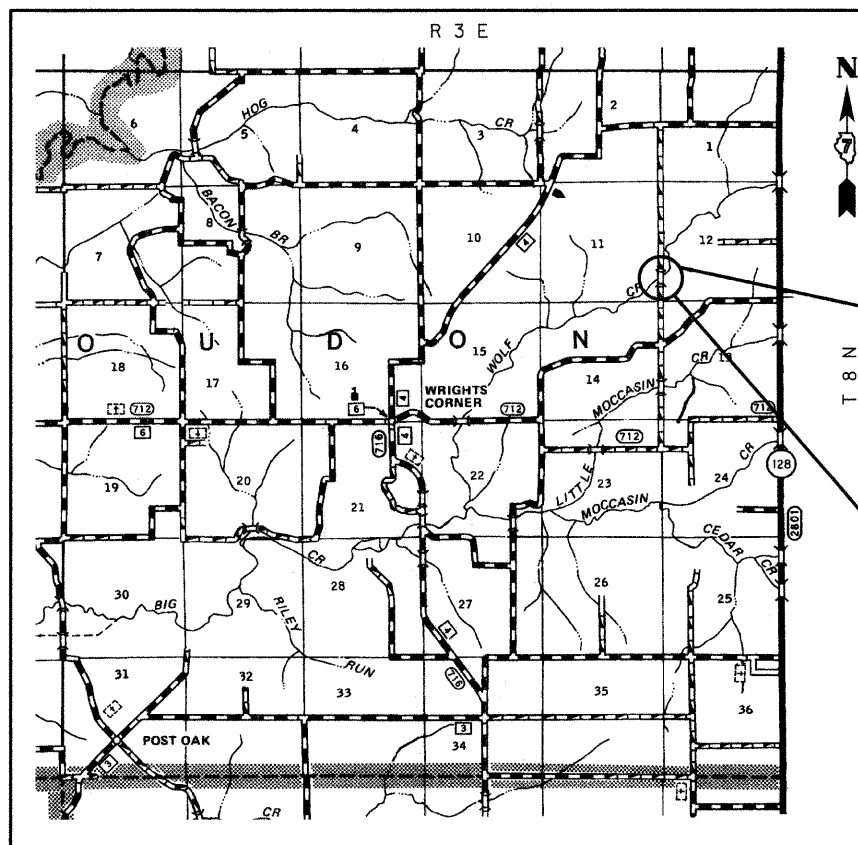


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES, REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES, IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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



CONTRACT NO. 95576



SECTION BEGINS
STA. 6+69.97

SECTION 08-08122-00-BR

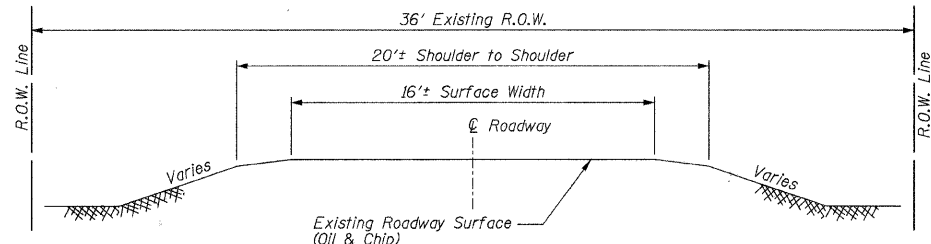
INCLUDES THE CONSTRUCTION OF A SINGLE SPAN PRECAST PRESTRESSED CONCRETE DECK BEAM BRIDGE CARRYING TR 518 OVER WOLF CREEK, 70'-0" BK. TO BK. ABUTMENTS x 24'-0" WIDE NO SKEW. EXISTING STRUCTURE NO. 026-3313 PROPOSED STRUCTURE NO. 026-3443

SECTION ENDS
STA. 13+26.33

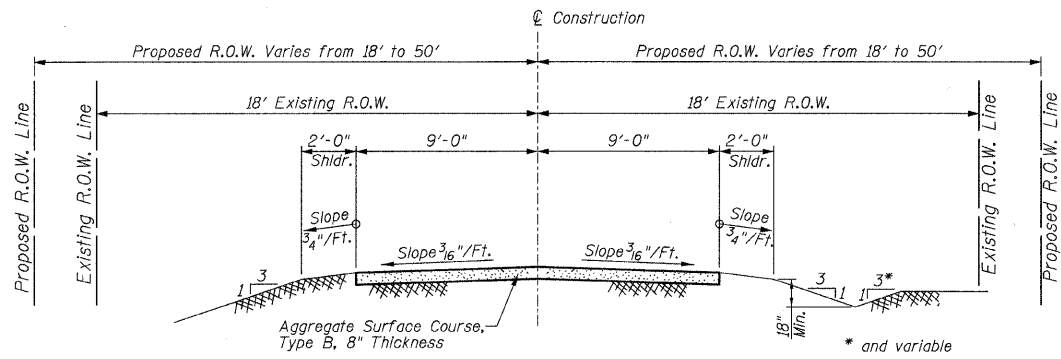
LOCATION: NEAR THE NE CORNER, SE 1/4, SE 1/4, SECTION 11, T8N, R3E, 3RD P.M.
NET LENGTH OF PROJECT: 656.36 FT = 0.124 MI

RHUTASEL and ASSOCIATES, INC.
CONSULTING ENGINEERS • LAND SURVEYORS
CENTRALIA, ILLINOIS FREEBURG, ILLINOIS
ILLINOIS DESIGN FIRM LICENSE NO. 184-000287

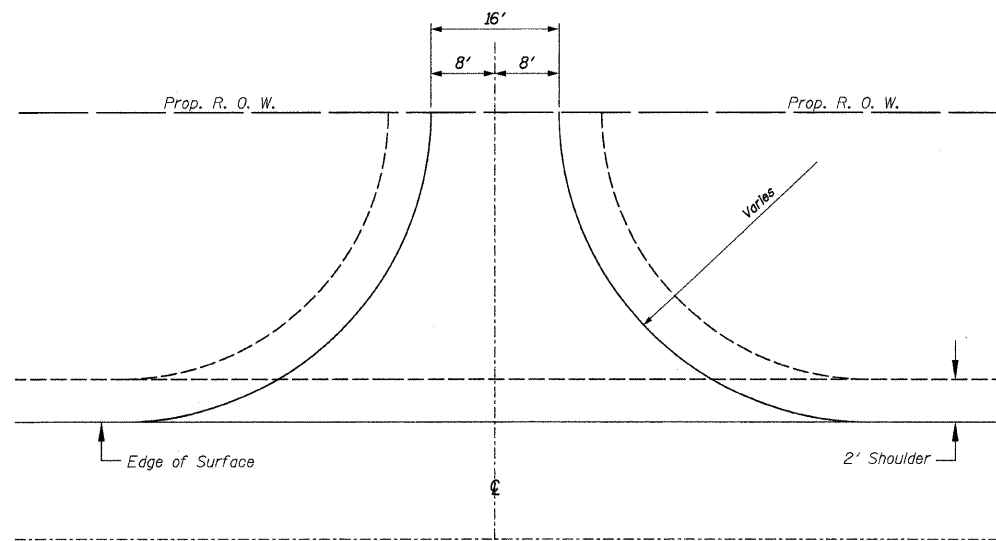
Sheet
1
of 11
Job No. 50608



**TYPICAL SECTION
EXISTING APPROACH ROADWAY**



**TYPICAL SECTION
PROPOSED APPROACH ROADWAY**



Aggregate Surface Course, Type B 6" Depth
Rt., Sta. 9+18.35 - 58 Ton
Lt., Sta. 10+65.00 - 28 Ton
(Included in Summary of Quantities)

TYPICAL PRIVATE ENTRANCE

SUMMARY OF QUANTITIES

Code No.	Item	Unit	Quantity	Location	
				X081-2A	E000
20100500	TREE REMOVAL, ACRES	ACRES	0.5	-	0.5
* 20200100	EARTH EXCAVATION	CU YD	1176	-	1176
20300100	CHANNEL EXCAVATION	CU YD	270	270	-
20400800	FURNISHED EXCAVATION	CU YD	635	-	635
* 20700110	POROUS GRANULAR EMBANKMENT	TON	76	76	-
* 25001000	SEEDING, CLASS 2 (SPECIAL)	ACRE	0.8	-	0.8
28000300	TEMPORARY DITCH CHECKS	EACH	4	-	4
28000500	INLET AND PIPE PROTECTION	EACH	2	-	2
* 28100807	STONE DUMPED RIPRAP, CLASS A4	TON	125	125	-
* 40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	727	-	727
* 50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1	1	-
50300225	CONCRETE STRUCTURES	CU YD	21.0	21.0	-
50300280	CONCRETE ENCASEMENT	CU YD	2.8	2.8	-
50400605	PRECAST PRESTRESSED CONCRETE DECK BEAMS (33" DEPTH)	SQ FT	1648	1648	-
50800105	REINFORCEMENT BARS	POUND	3420	3420	-
Δ 50900205	STEEL RAILING, TYPE S1	FOOT	140	140	-
51201600	FURNISHING STEEL PILES HP12X53	FOOT	243	243	-
51202305	DRIVING PILES	FOOT	243	243	-
51203600	TEST PILE STEEL HP12X53	EACH	1	1	-
51500100	NAME PLATES	EACH	1	1	-
* 542C1069	PIPE CULVERTS, CLASS C, TYPE 2 24"	FOOT	100	-	100
67100100	MOBILIZATION	L SUM	1	-	-

* See Special Provisions.
Δ Specialty Items

GENERAL NOTES

- This section shall be constructed according to 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 Aggregate Surface Course, Type B gradation shall be CA 6 or CA 10. Only Class C quality crushed stone will be approved for use on this project.
- 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

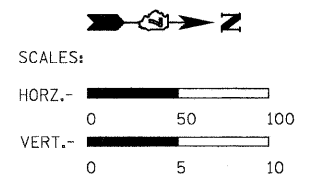
Telephone:
Frontier Communications
Phone: 217-854-3126

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

**SUMMARY OF QUANTITIES AND
TYPICAL SECTIONS
PROPOSED BRIDGE OVER
WOLF CREEK
TR 518
SECTION 08-08122-00-BR
FAYETTE COUNTY, ILLINOIS**

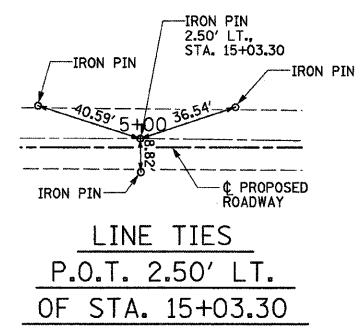
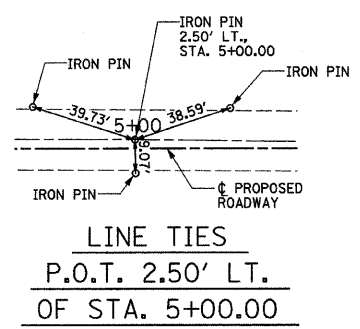
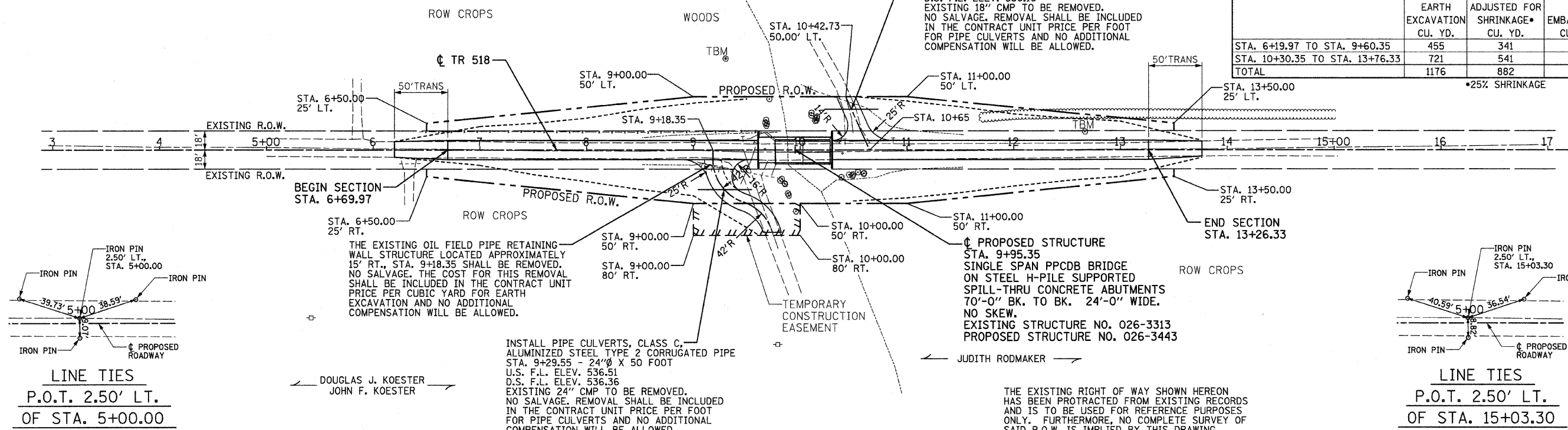
ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TR 518	08-08122-00-BR	FAYETTE	11	3
STA. 3+00.00 TO STA. 17+00.00		FED. ROAD DIST. NO. 7 ILLINOIS		
CONTRACT NO. 95576				

LOCATION	ACRES
LT., STA. 9+65.00 TO STA. 13+50.00	0.4
RT., STA. 9+65.00 TO STA. 10+65.00	0.1
TOTAL	0.5



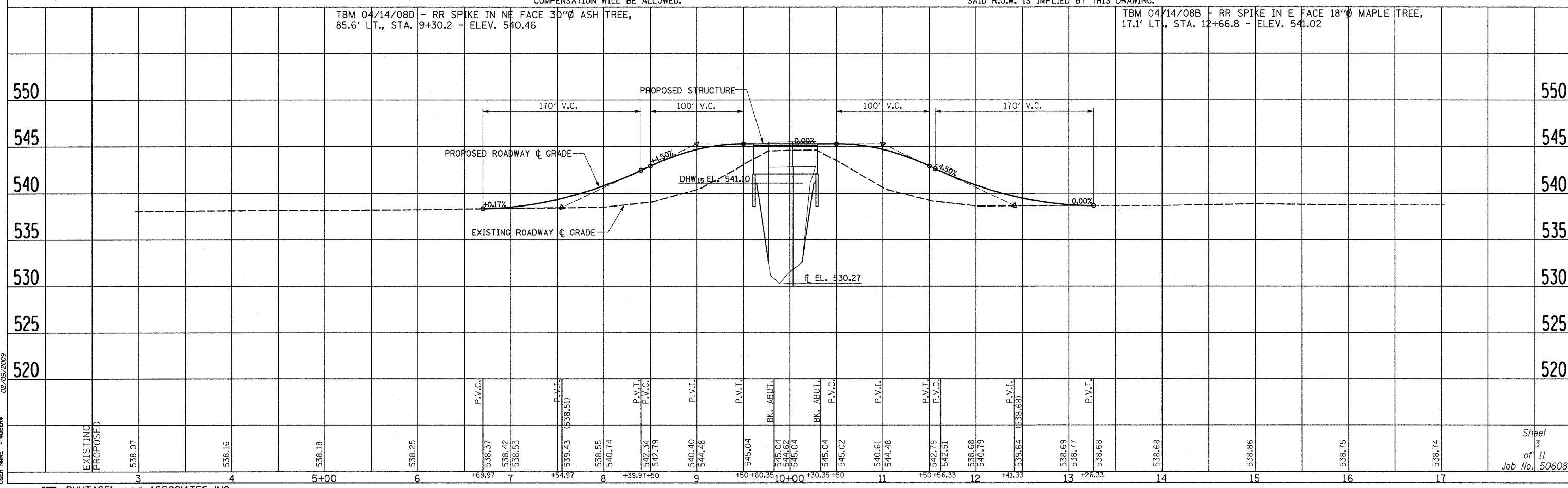
LOCATION	EARTH EXCAVATION CU. YD.	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE* CU. YD.	EMBANKMENT CU. YD.	EARTHWORK BALANCE** WASTE (+) OR SHORTAGE (-) CU. YD.
STA. 6+19.97 TO STA. 9+60.35	455	341	796	-455
STA. 10+30.35 TO STA. 13+76.33	721	541	721	-180
TOTAL	1176	882	1517	-635

*25% SHRINKAGE **FURNISHED EXCAVATION



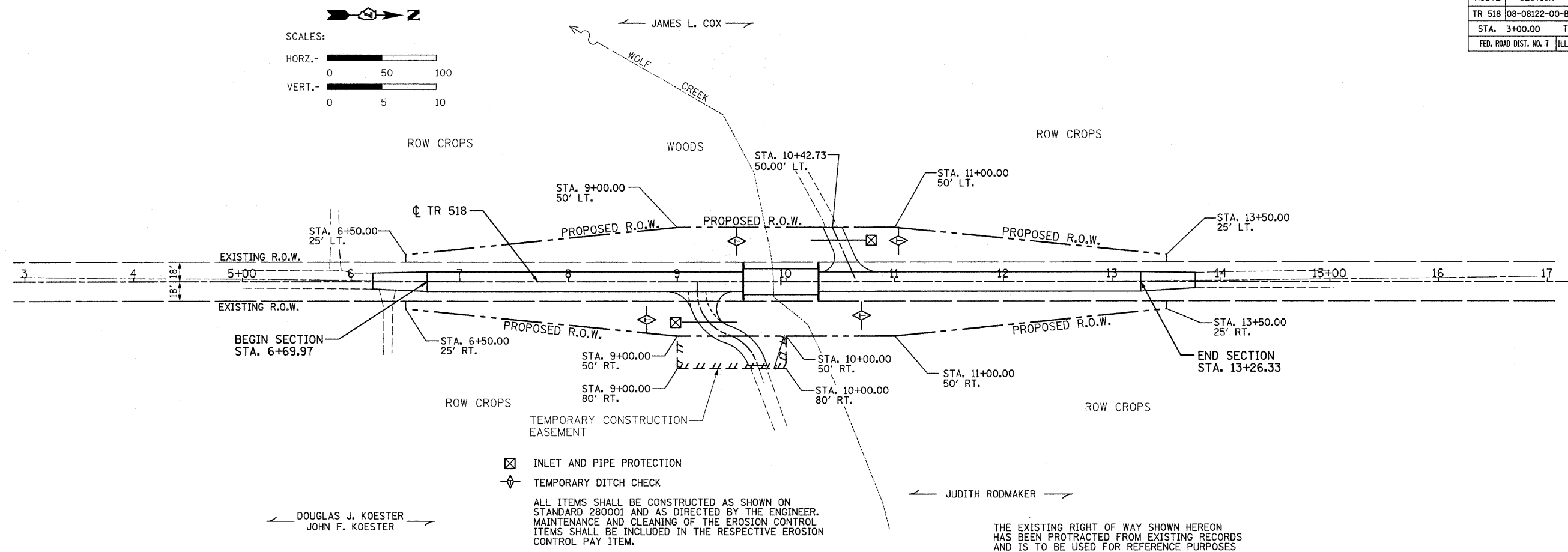
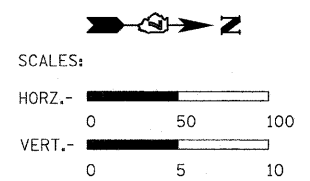
DATE: _____ BY: _____
 REVISIONS: _____
 PLAN: _____
 CHECKED: _____
 NO. _____

DATE: _____ BY: _____
 REVISIONS: _____
 PROFILE: _____
 CHECKED: _____
 NO. _____



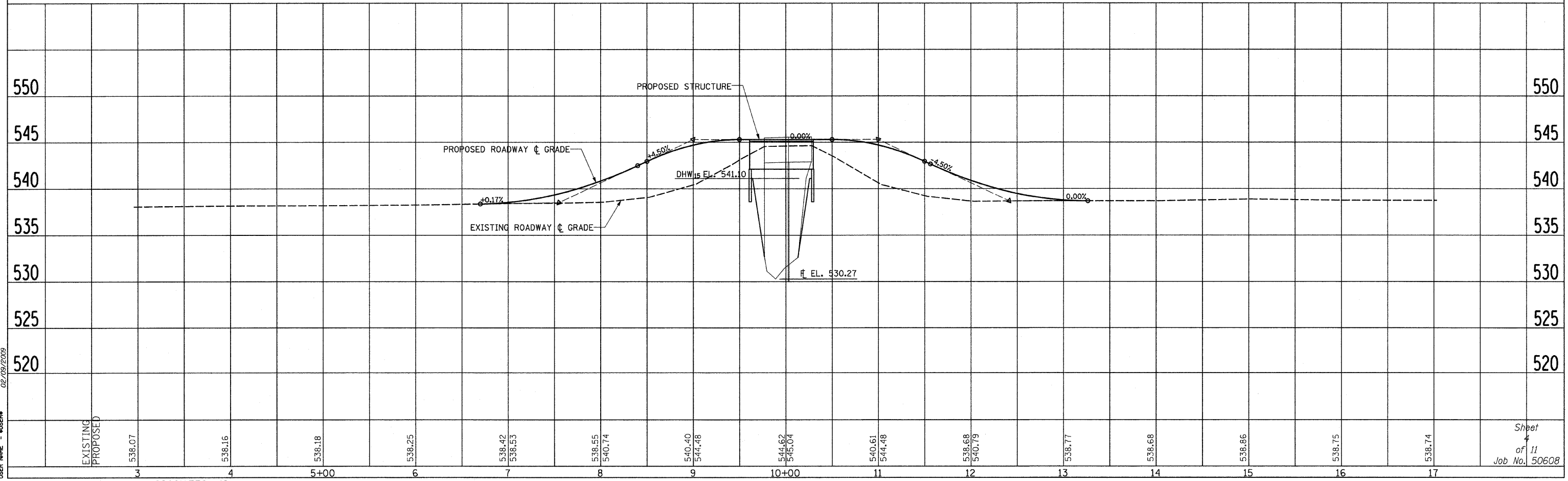
DATE: 02/09/2009
 PLOT DATE = #DATE*
 PLOT SCALE = #SCALE*
 USER NAME = #USER#

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TR 518	08-08122-00-BR	FAYETTE	11	4
STA. 3+00.00 TO STA. 17+00.00				
FED. ROAD DIST. NO. 7 ILLINOIS		CONTRACT NO. 95576		



ALL ITEMS SHALL BE CONSTRUCTED AS SHOWN ON STANDARD 280001 AND AS DIRECTED BY THE ENGINEER. MAINTENANCE AND CLEANING OF THE EROSION CONTROL ITEMS SHALL BE INCLUDED IN THE RESPECTIVE EROSION CONTROL PAY ITEM.

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.



PLAN

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BY: _____

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PROFILE

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BY: _____

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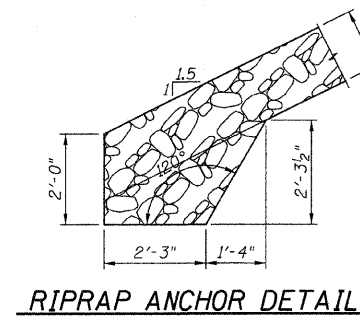
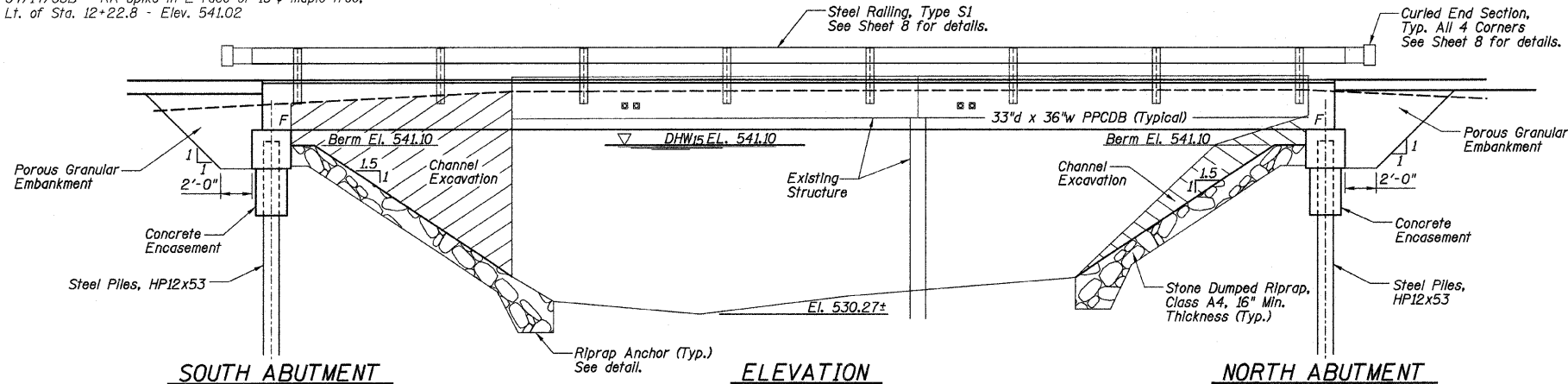
NO. 100: _____

TBM 04/15/08D - RR spike in NE face of 30" ash tree, 85.6' Lt. of Sta. 9+30.2 - Elev. 540.46

TBM 04/14/08B - RR spike in E face of 18" maple tree, 17.1' Lt. of Sta. 12+22.8 - Elev. 541.02

Existing Structure: Two-span bridge with precast concrete deck slabs on closed timber abutments and timber pier with concrete caps. 52' Bk. to Bk. abutments, 22.5' Out to Out of deck. Existing Structure Number 026-3313. To be removed. See Special Provisions.

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TR 518	08-08122-00-BR	FAYETTE	11	5
FED. ROAD DIST. NO. 7 ILLINOIS				
CONTRACT NO. 95576				



BILL OF MATERIALS (BRIDGE ONLY)

ITEM	UNIT	SUPER	SUB	TOTAL
Channel Excavation	Cu Yd	-	270	270
Porous Granular Embankment	Ton	-	76	76
Stone Dumped Riprap, Class A4	Ton	-	125	125
Removal of Existing Structures	Each	-	-	1
Concrete Structures	Cu Yd	-	21.0	21.0
Concrete Encasement	Cu Yd	-	2.8	2.8
PPCDB (33" Depth)	Sq Ft	1648	-	1648
Reinforcement Bars	Pound	-	3420	3420
Steel Railing, Type S1	Foot	140	-	140
Furnishing Steel Piles HP12x53	Foot	-	243	243
Driving Piles	Foot	-	243	243
Test Pile Steel HP12x53	Each	-	1	1
Name Plates	Each	-	1	1

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.

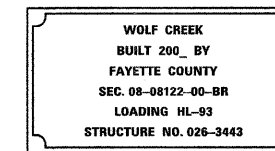
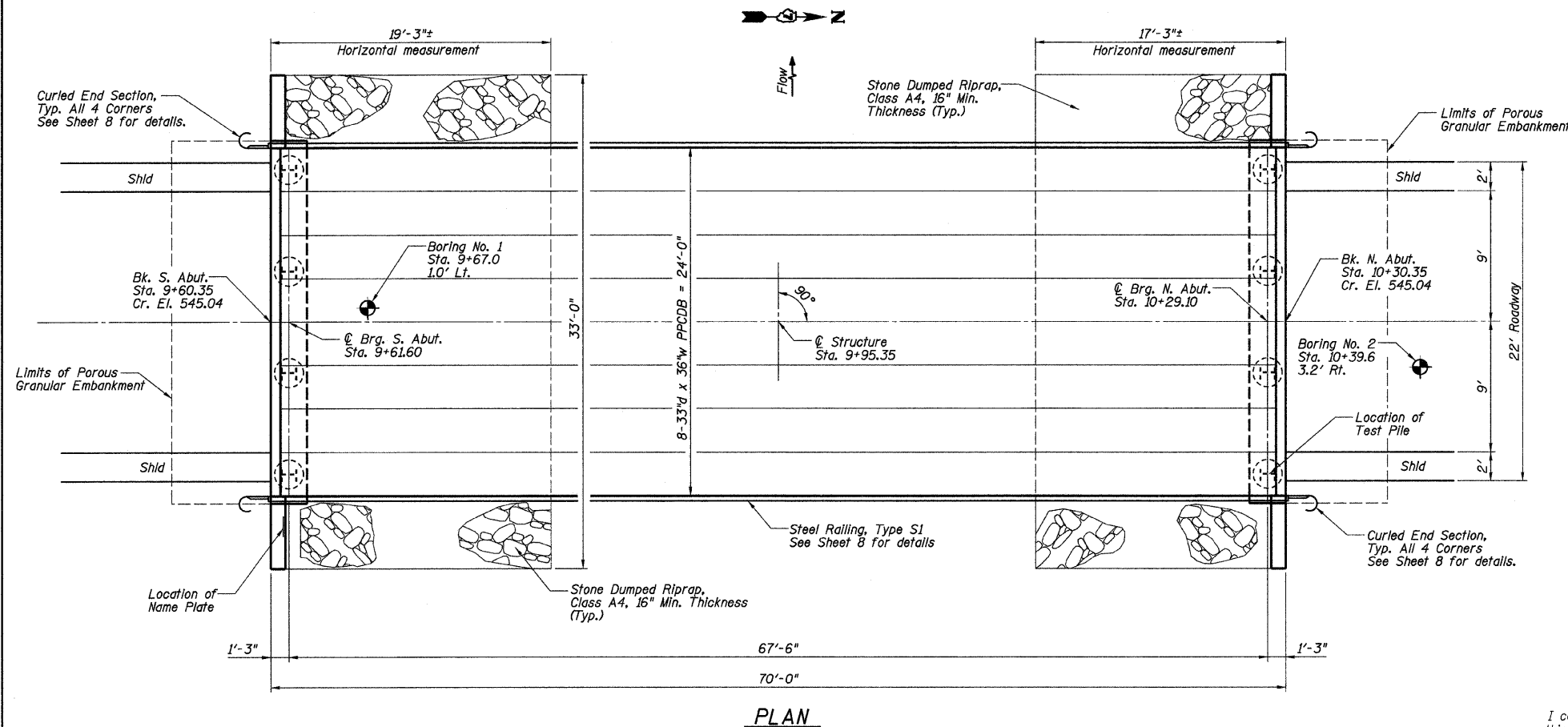
See Specifications for Soil Borings.

Do not scale these drawings.

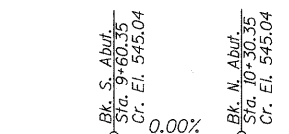
The Steel H-piles shall be according to AASHTO M270 Grade 50.

In addition to all other requirements of Section 512 of the Standard Specifications, splices for Steel H-piles shall develop the full capacity of the steel's cross sectional area of the pile for tension, shear and bending forces. One approved method of achieving this requirement is full penetration butt welding of the entire cross section. Other types of splices meeting the full capacity requirement may be allowed subject to the approval of the Engineer. Any proposal by the Contractor to use an alternate splice method must include adequate documentation demonstrating that the full tension, shear and bending capacities will be met. Appropriate welder qualifications will be required for the positions and processes used in splicing all piles. Nondestructive testing of completed welds will be limited to visual inspection.

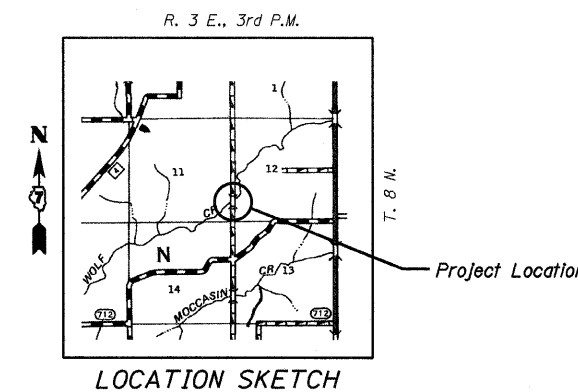
The abutment bearing seat surfaces for the precast prestressed concrete deck beams shall be adjusted by shimming to assure firm and even bearing. As required, 1/2" fabric adjusting shims of the dimensions of the Exterior Bearing Pad shall be provided for each bearing.



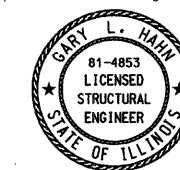
NAME PLATE
(See State Standard 515001 for details)



PROFILE GRADE ACROSS STRUCTURE
Along @ Roadway



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
Centralia, Illinois
Illinois Licensed Structural Engineer
No. 81-4853
Expires Nov. 30, 2010

WATERWAY DATA

Flood		Design		Base		Max. Calc.	
Freq. Yr.	Q C.F.S.	Opening Sq. Ft. Exist.	Prop.	Natural H.W.E. Exist.	Prop.	Head - Ft. Exist.	Prop.
15	6059	380	459	541.10	0.12	0.10	541.22
100	9723	412	504	541.79	0.12	0.11	541.91
500	13011	438	524	542.35	0.12	0.00	542.47

DESIGN STRESSES

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

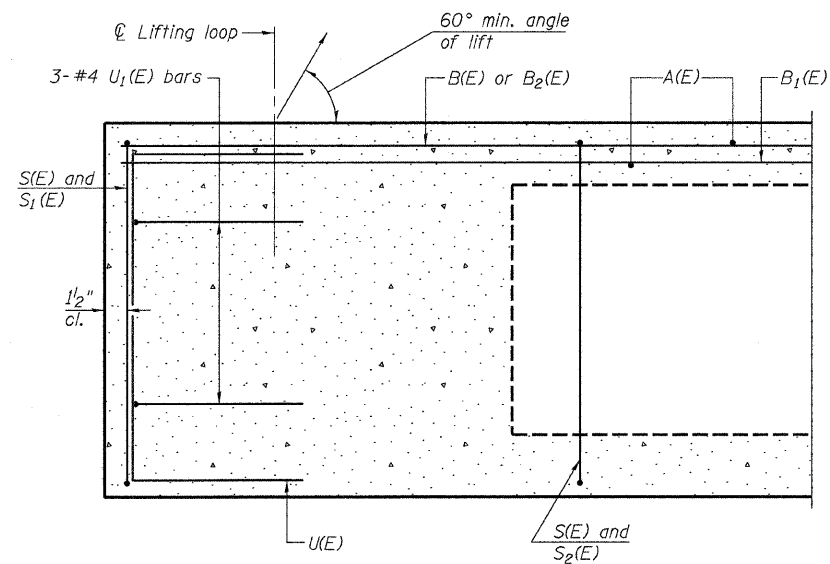
PRECAST PRESTRESSED UNITS
 $f'_c = 6,000$ psi
 $f'_{ci} = 5,000$ psi
 $f_{pu} = 270,000$ psi ($1/2"$ low lax. strands)
 $f_{pbt} = 201,960$ psi ($1/2"$ low lax. strands)
 $f_y = 60,000$ psi (reinforcement)

DESIGN SPECIFICATIONS

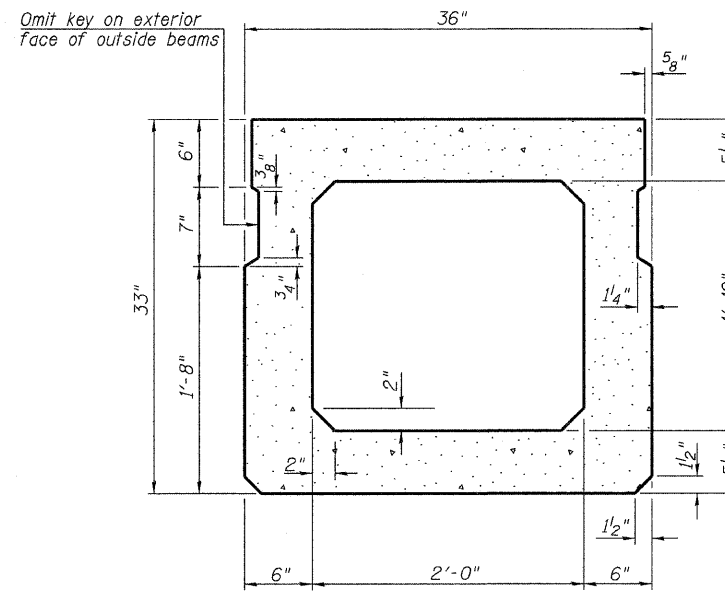
2007 AASHTO LRFD
with all applicable Interims

LOADING HL-93
25# / sq. ft. Included in dead load for future wearing surface.

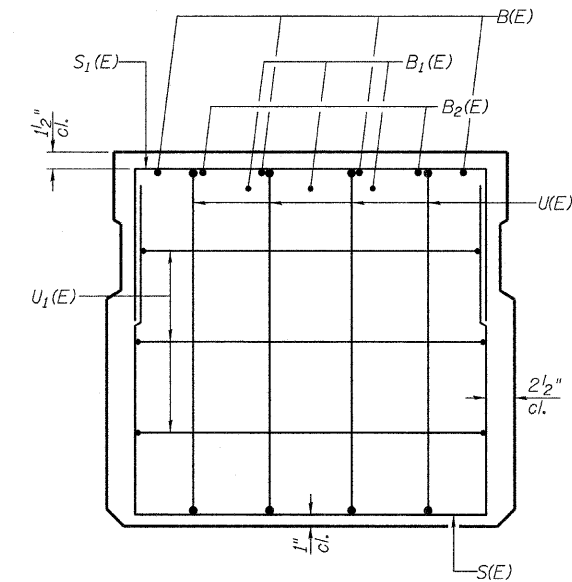
GENERAL PLAN AND ELEVATION PROPOSED BRIDGE OVER WOLF CREEK
TR 518
SECTION 08-08122-00-BR
FAYETTE COUNTY, ILLINOIS



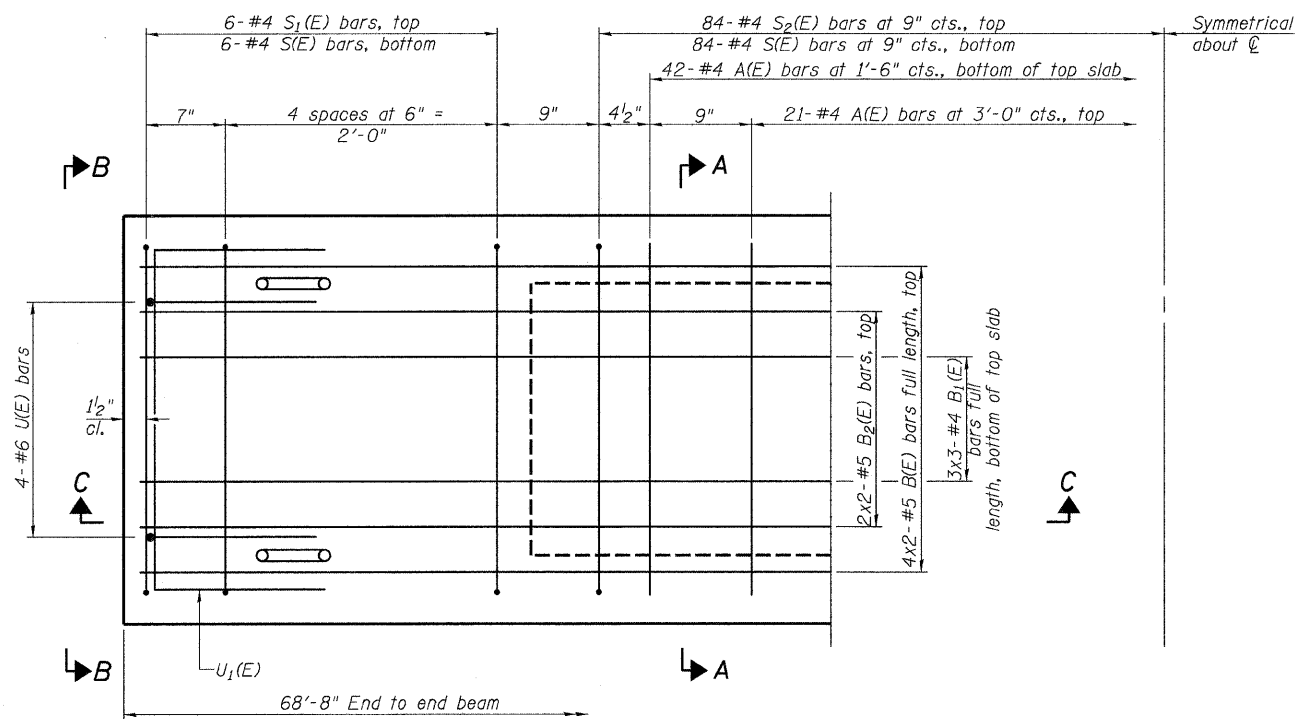
SECTION C-C



SECTION A-A
(Showing dimensions)

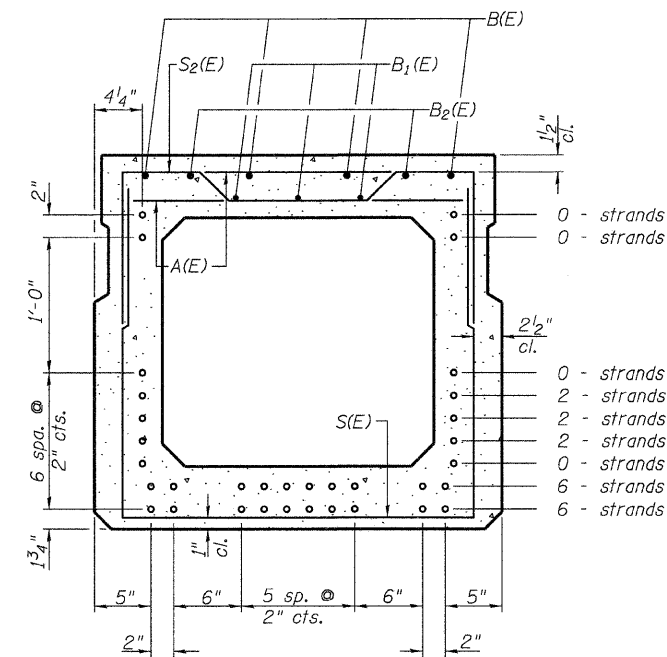


VIEW B-B



PLAN VIEW

Note: Spacing of S(E) and S₂(E) bars may be adjusted up to 4" in the immediate area of the transverse tie diaphragms to miss the block outs for the transverse ties.
Bars indicated thus 4x2-#5 etc. indicates 4 bars with 2 lengths per line.



SECTION A-A

(Showing reinforcement and permissible strand locations)
Note: Place the number of strands specified in each row symmetrically about the centerline of beam in the permissible strand locations shown.

BAR LIST
ONE BEAM ONLY
(For information only)

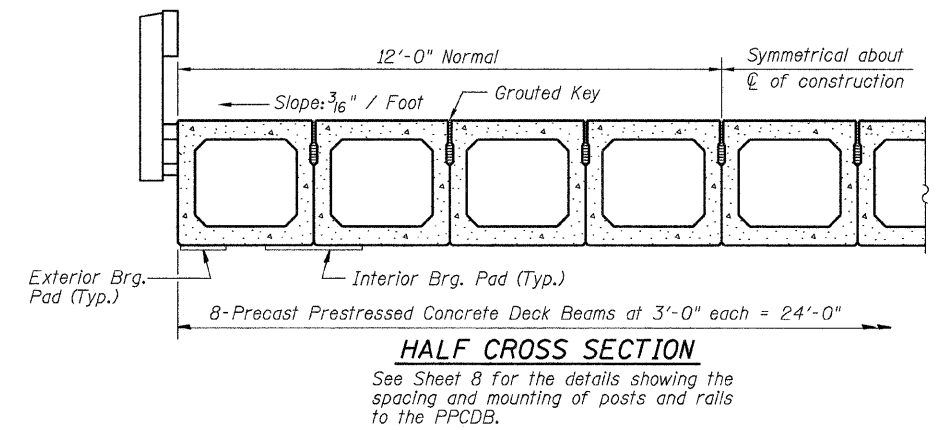
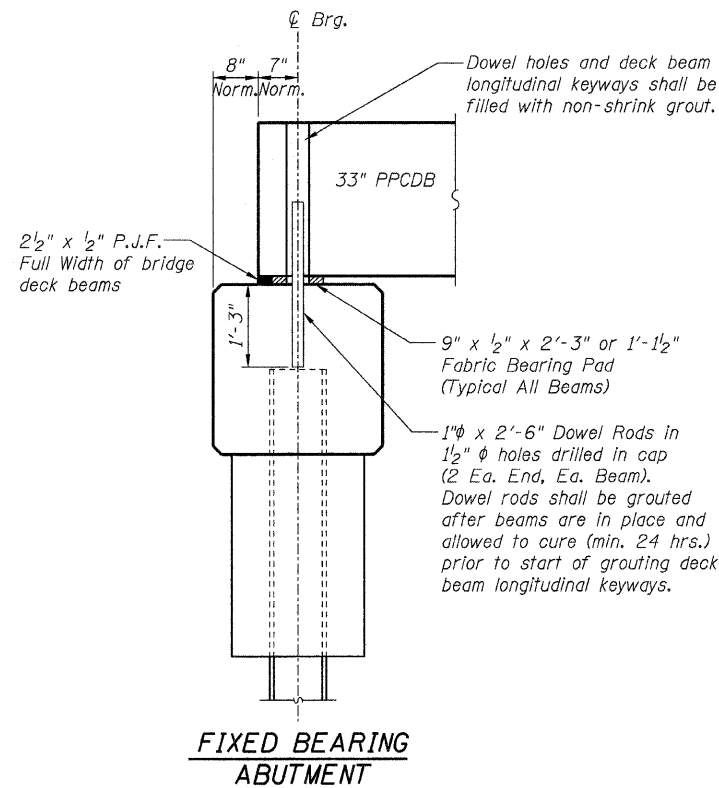
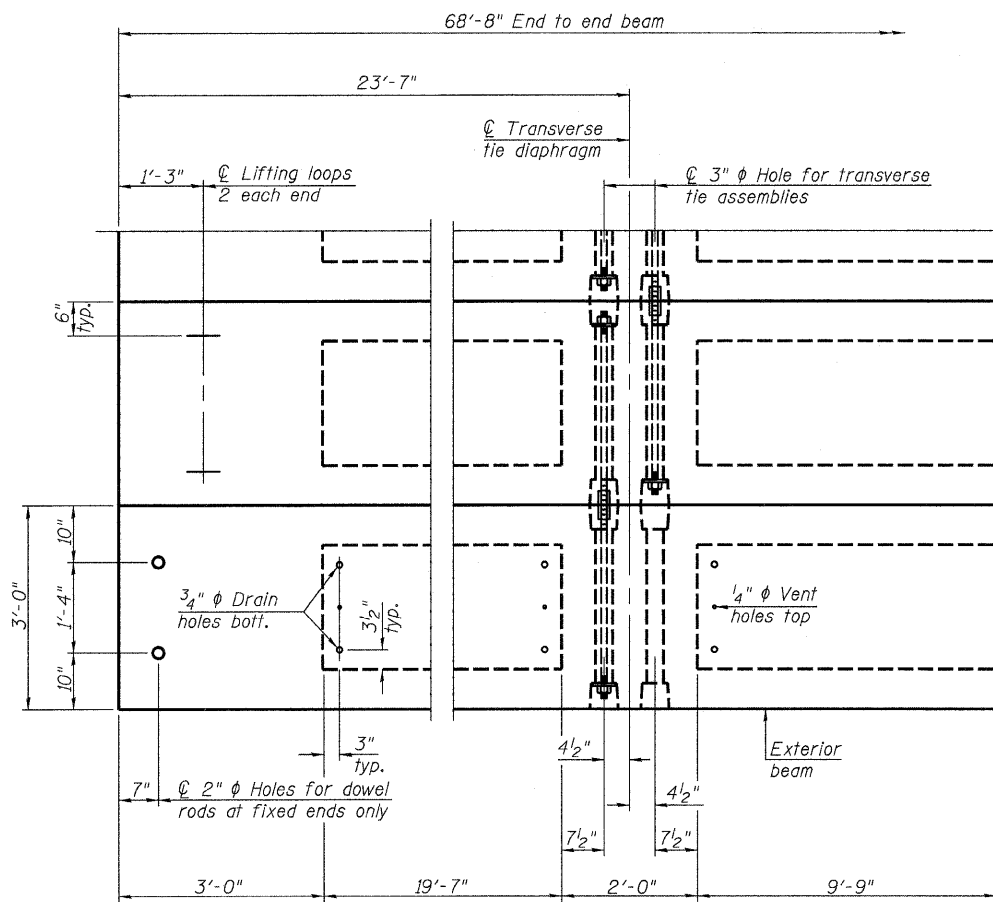
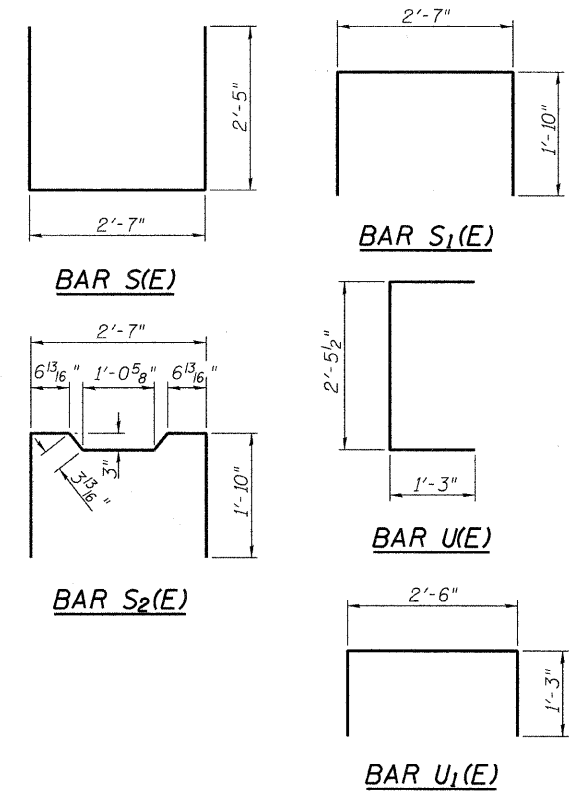
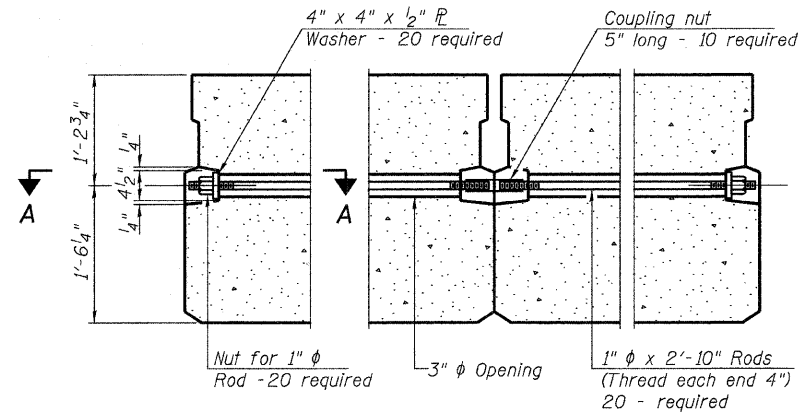
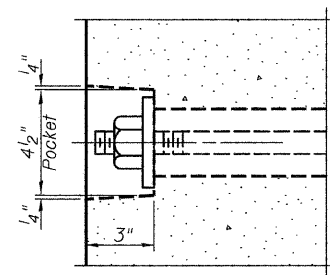
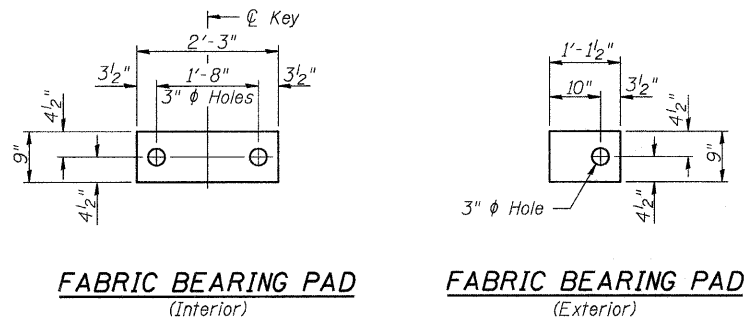
Bar	No.	Size	Length	Shape
A(E)	63	#4	2'-7"	—
B(E)	8	#5	35'-6"	—
B ₁ (E)	9	#4	24'-6"	—
B ₂ (E)	4	#5	35'-6"	—
S(E)	96	#4	7'-5"	U
S ₁ (E)	12	#4	6'-3"	U
S ₂ (E)	84	#4	6'-6"	U
U(E)	8	#6	5'-0"	C
U ₁ (E)	6	#4	5'-0"	C

Note: See sheet 6 of 10 for additional details and Bill of Material.

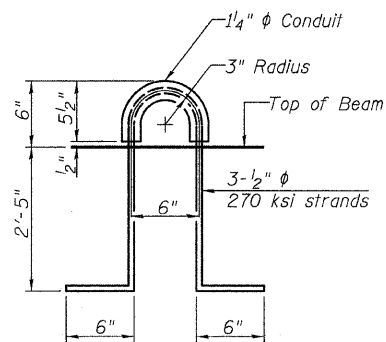
33" x 36" PPC DECK BEAM

PPC DECK BEAM DETAILS
PROPOSED BRIDGE OVER
WOLF CREEK
TR 518
SECTION 08-08122-00-BR
FAYETTE COUNTY, ILLINOIS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TR 518	08-08122-00-BR	FAYETTE	11	7
FED. ROAD DIST. NO. 7		ILLINOIS		
CONTRACT NO. 95576				



Note: Connect beams in pairs with the transverse tie configuration shown.



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. The 1" rods in the transverse tie assembly shall be tightened to a snug fit and the threads set. Pockets on exterior faces of bridge shall be filled with grout after transverse tie assembly is in place.
 Reinforcement bars shall conform to ASTM A 706 (IL MOD), Grade 60. (See Special Provisions)
 Two 1/8" fabric adjusting shims of the dimensions of the exterior bearing pad shall be provided for each bearing pad location.
 A minimum 2 1/2" lifting pin shall be used to engage the lifting loops during handling.
 Corrosion Inhibitor, per Article 1020.05(b)(12) and 1021.06 of the Standard Specifications, shall be used in the concrete for precast prestressed concrete deck beams.
 Compressive strength of prestressed concrete, f'c, shall be 6000 psi.
 Compressive strength of prestressed concrete at release, f'ci, shall be 5000 psi.

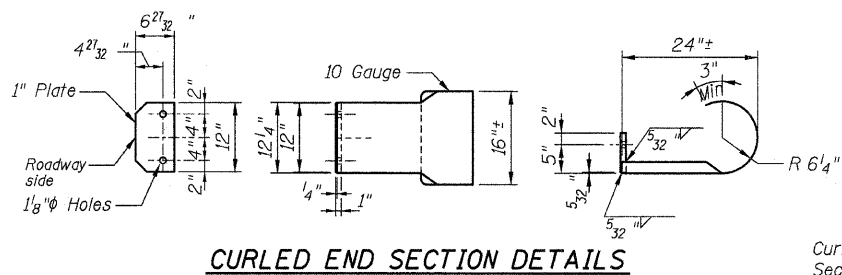
BILL OF MATERIAL

Precast Prestressed Conc. Deck Bms. (33" depth)	Sq. Ft.	1648
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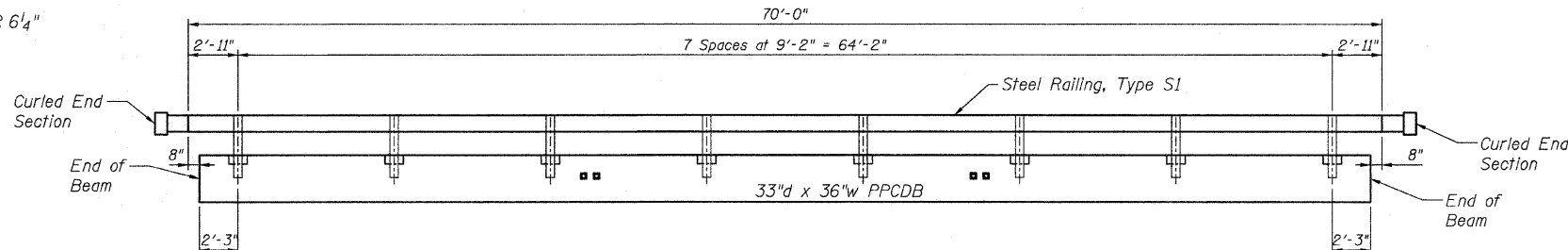
33" X 36" PPC DECK BEAM DETAILS

**PPC DECK BEAM DETAILS
 PROPOSED BRIDGE OVER
 WOLF CREEK
 TR 518
 SECTION 08-08122-00-BR
 FAYETTE COUNTY, ILLINOIS**

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TR 518	08-08122-00-BR	FAYETTE	11	8
FED. ROAD DIST. NO. 7		ILLINOIS		
CONTRACT NO. 95576				

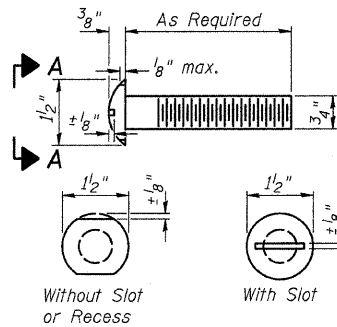


CURLLED END SECTION DETAILS

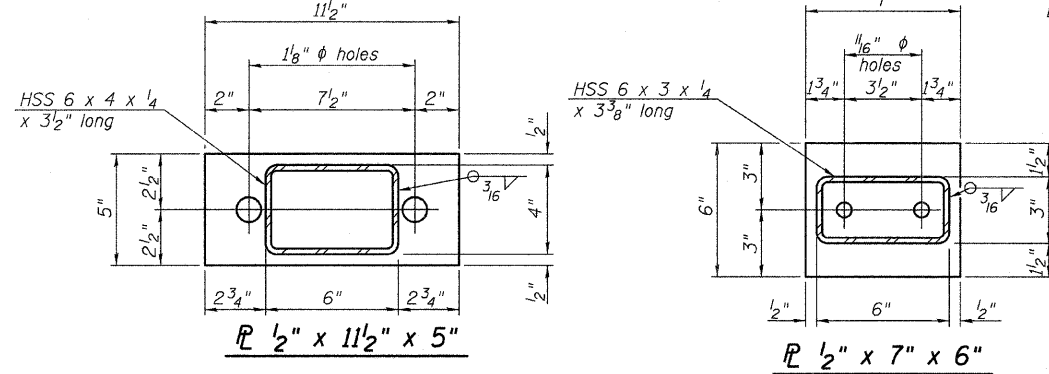


ELEVATION

Note: The cost of the Curled End Sections shall be included in the contract unit price per foot for "STEEL RAILING, TYPE S1", and no additional compensation will be allowed.

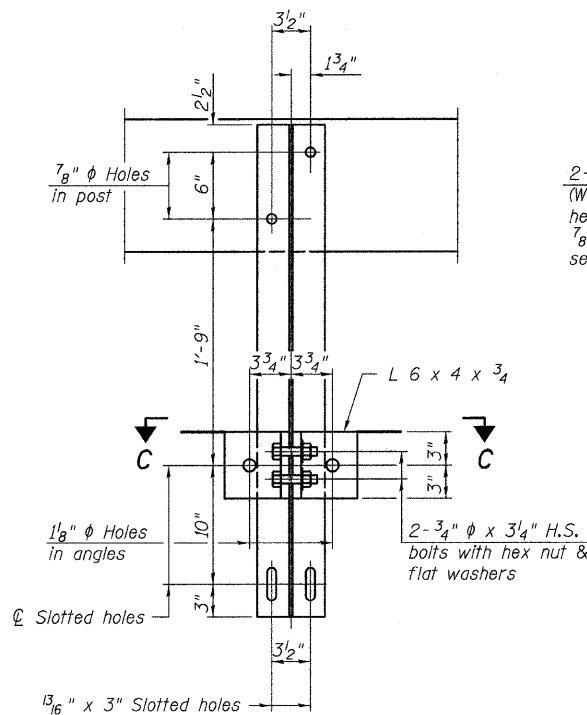


VIEW A-A ROUND HEAD BOLT

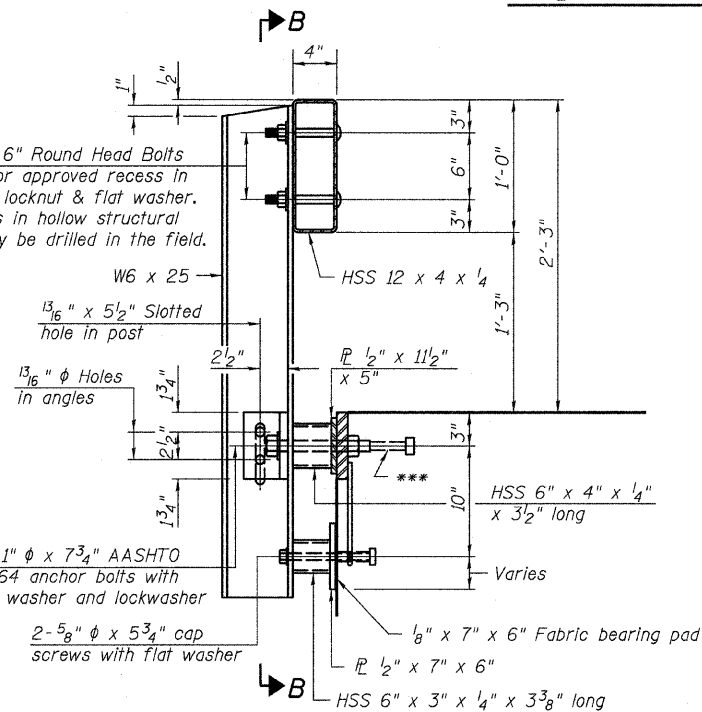


1/2" x 11 1/2" x 5"

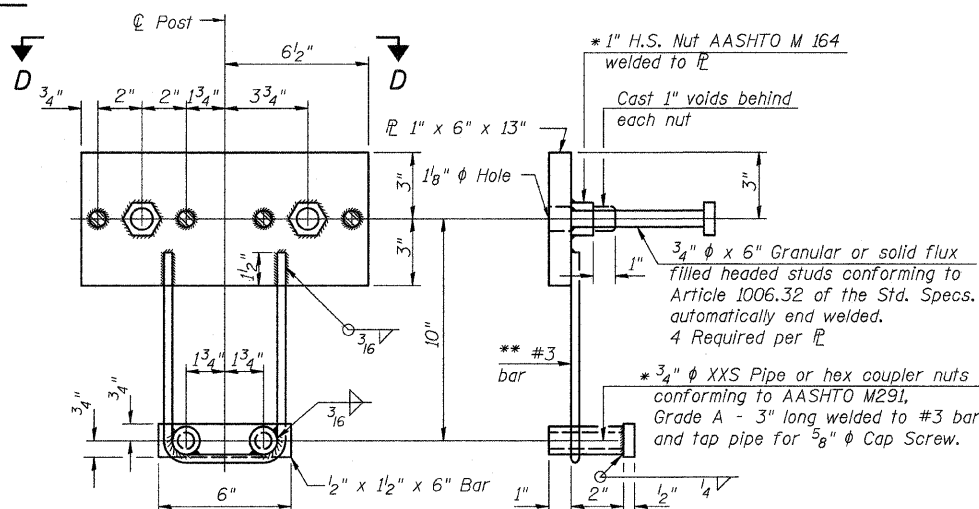
1/2" x 7" x 6"



SECTION B-B



SECTION AT RAILING POST

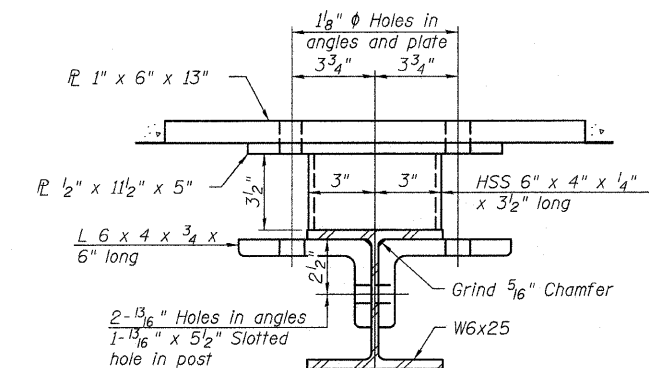


ANCHOR DEVICE

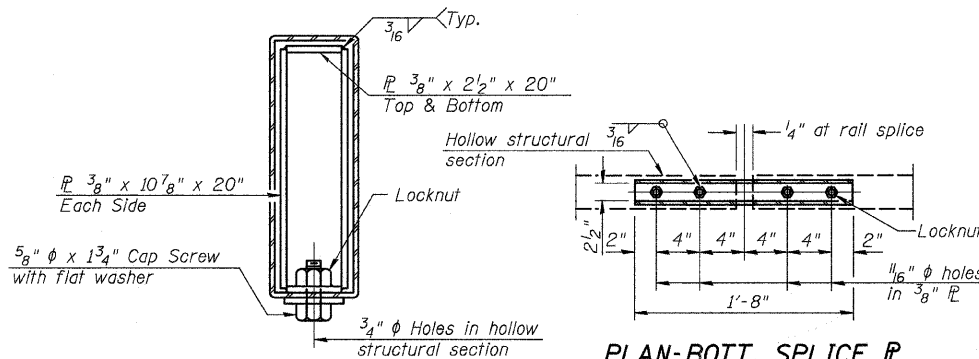
* Threaded areas shall be plugged or blocked off during casting of beam.

** Whenever the lower insert assemblies interfere with strand locations, the #3 bars shall be cut and adjusted in order to allow raising or lowering of the lower inserts. Maximum adjustment not to exceed 1/2".

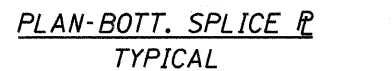
Notes:
 All field drilled holes shall be coated with an approved zinc rich paint before erection.
 For multi-span bridges, sufficient 1/4" x 6" x 1'-2" galvanized steel shims shall be provided to align rail between adjacent spans. Cost included with Steel Railing, Type S1.
 All steel rail elements shall 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.



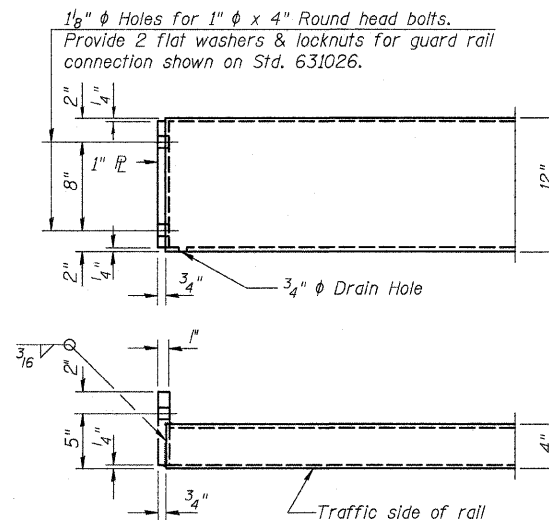
SECTION C-C



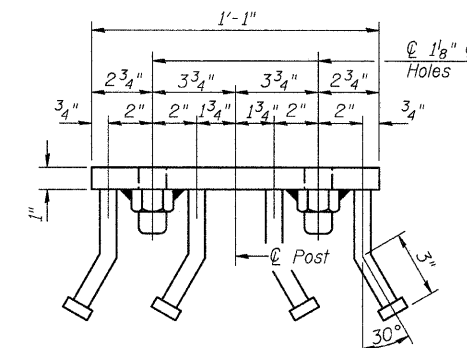
SECTIONS AT RAIL SPLICE



PLAN-BOTT. SPLICE TYPICAL



END OF RAIL DETAILS

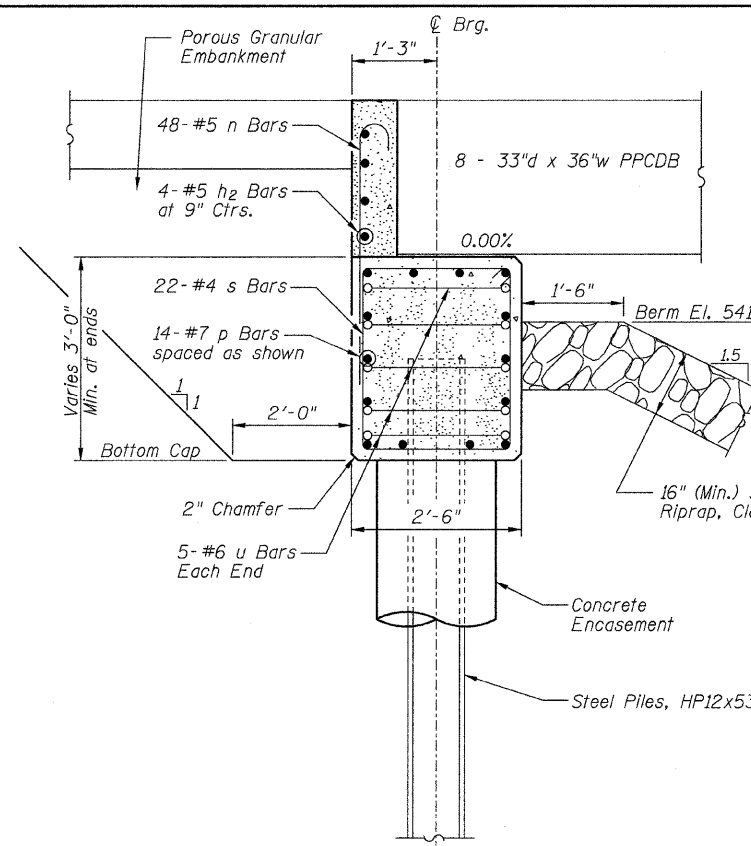


VIEW D-D

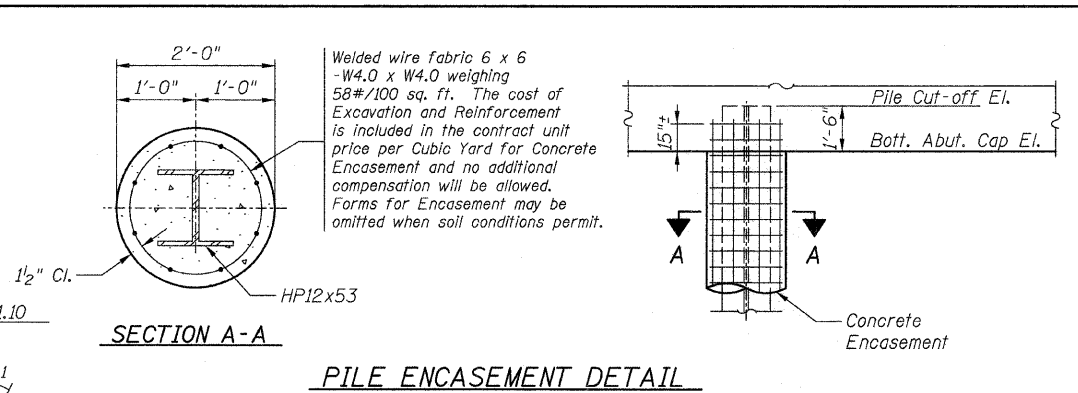
BILL OF MATERIAL

Item	Unit	Quantity
Steel Railing, Type S1	Foot	140

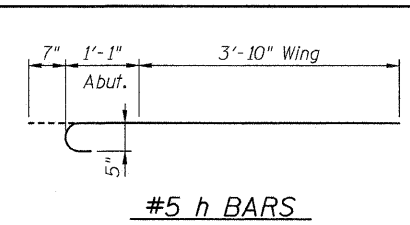
STEEL RAILING, TYPE S1 DETAILS
PROPOSED BRIDGE OVER
WOLF CREEK
TR 518
SECTION 08-08122-00-BR
FAYETTE COUNTY, ILLINOIS



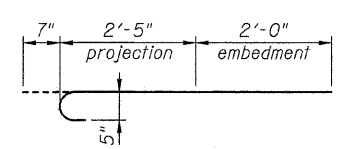
SECTION THRU ABUTMENT



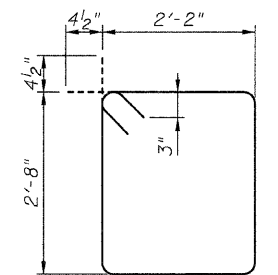
PILE ENCASEMENT DETAIL



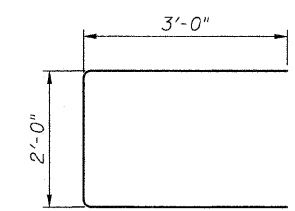
#5 h BARS



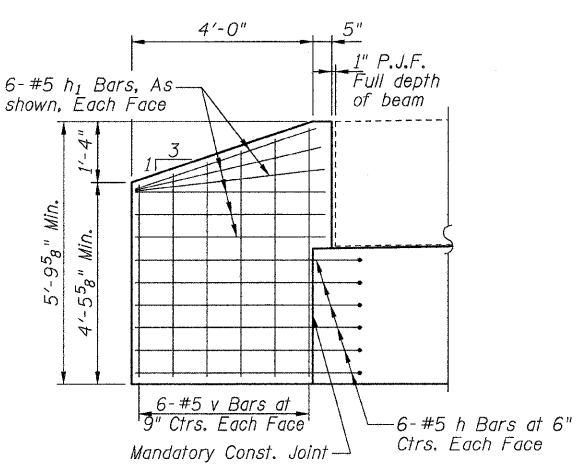
#5 n BARS



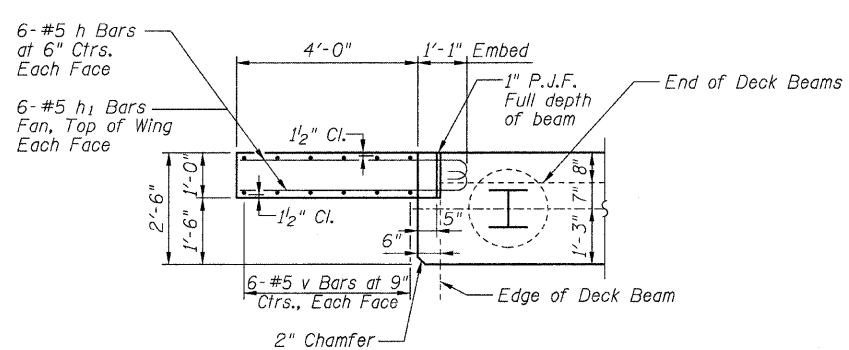
#4 s BARS



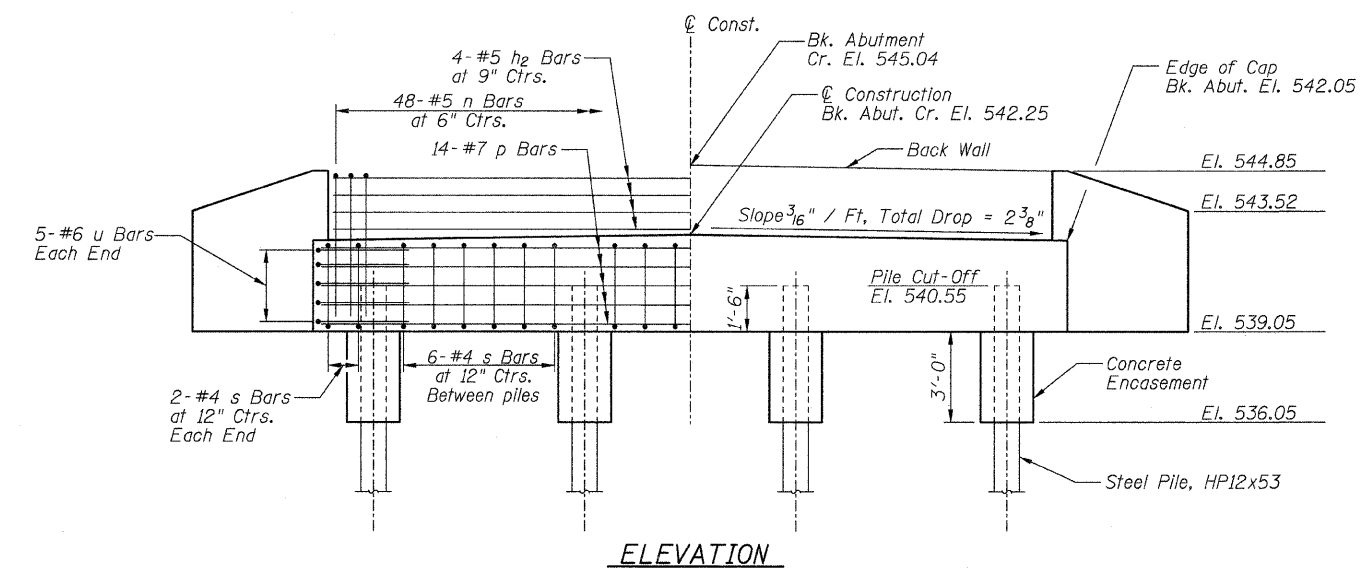
#6 u BARS



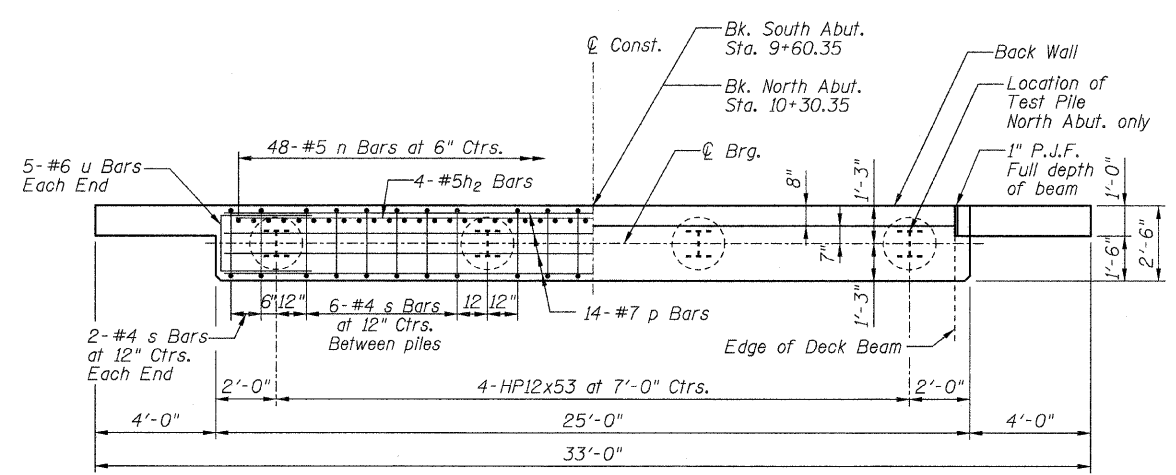
ELEVATION OF WINGWALL



WINGWALL CONNECTION DETAIL



ELEVATION



PLAN

**BILL OF MATERIALS
ONE ABUTMENT w/ WINGWALLS**

Bar	No.	Size	Length	Shape
h	24	#5	5'-6"	
h1	24	#5	4'-3"	
h2	4	#5	23'-8"	
n	48	#5	5'-0"	
p	14	#7	24'-8"	
s	22	#4	10'-5"	
u	10	#6	8'-0"	
v	24	#5	5'-6"	CUT IN FIELD
Concrete Structures			Cu Yd	10.5
Concrete Encasement			Cu Yd	1.4
Reinforcement Bars			Pound	1710

PILE DATA

Type and Size: Steel HP12x53
 Nominal Required Bearing: 419 kips
 Allowable Resistance Available: 139 kips
 Estimated Length:
 South Abutment: 36 Foot
 North Abutment: 33 Foot
 Number of Production Piles:
 South Abutment: 4 Each
 North Abutment: 3 Each
 Number of Test Piles:
 South Abutment: None
 North Abutment: 1 Each

GENERAL NOTES

All exposed edges shall have standard 3/4" chamfer, unless otherwise noted.
 All clearances between rebar and form surface shall be 2", unless otherwise noted.
 Space reinforcement in cap to miss PPCDB dowel rods.
 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 North abutment as directed by the Engineer before ordering the remainder of the piles.
 The Test Pile shall be driven to 110 percent of the Nominal Required Bearing indicated in the pile data information.
 In addition to all other requirements of Section 512 of the Standard Specifications, splices for Steel H-piles shall develop the full capacity of the steel's cross sectional area of the pile for tension, shear and bending forces. One approved method of achieving this requirement is full penetration butt welding of the entire cross section. Other types of splices meeting the full capacity requirement may be allowed subject to the approval of the Engineer. Any proposal by the Contractor to use an alternate splice method must include adequate documentation demonstrating that the full tension, shear and bending capacities will be met. Appropriate welder qualifications will be required for the positions and processes used in splicing all piles. Nondestructive testing of completed welds will be limited to visual inspection.

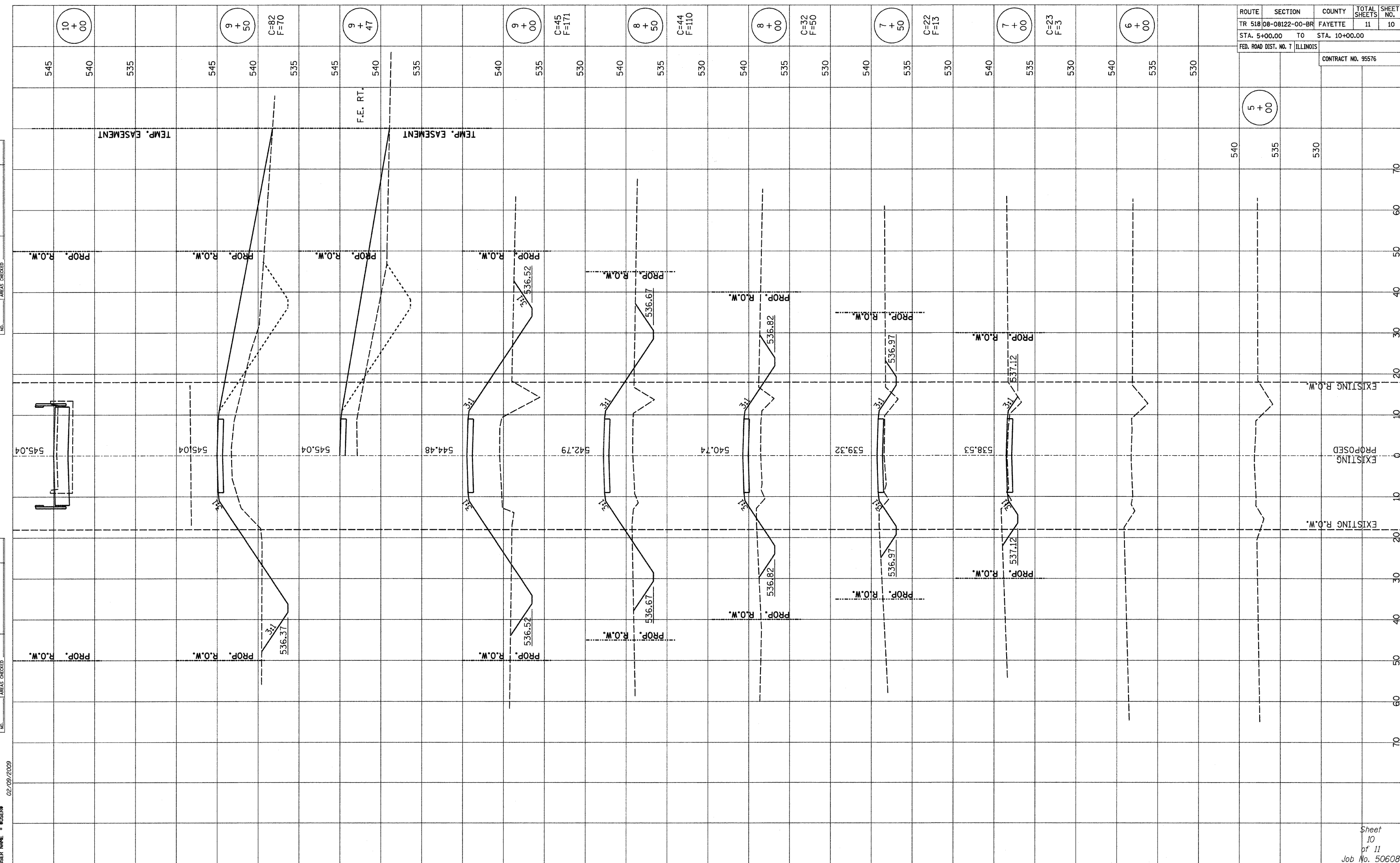
**ABUTMENT DETAILS
PROPOSED BRIDGE OVER
WOLF CREEK
TR 518
SECTION 08-08122-00-BR
FAYETTE COUNTY, ILLINOIS**

02/09/2009

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

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

PLOT DATE = #DATE#
 FILE NAME = #FILE#
 USER NAME = #USER#

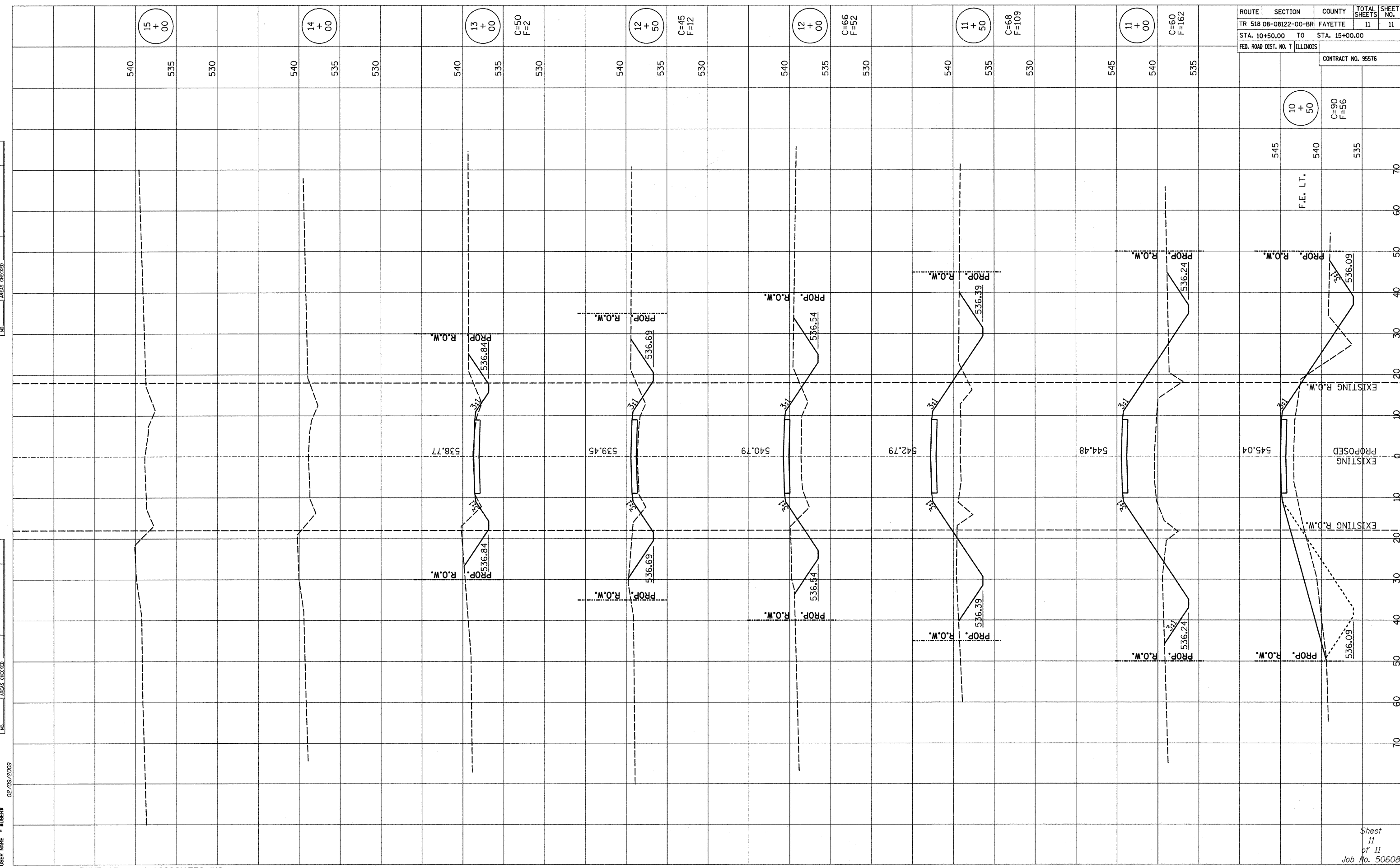


02/09/2009

FINAL SURVEY PLOTTED AREAS CHECKED
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 NOTE BOOK NO.

ORIGINAL SURVEY PLOTTED AREAS CHECKED
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 NOTE BOOK NO.

PLOT DATE = #DATE#
 FILE NAME = #FILE#
 USER NAME = #USER#



ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TR 518	08-08122-00-BR	FAYETTE	11	11
STA. 10+50.00 TO STA. 15+00.00		ILLINOIS		
FED. ROAD DIST. NO. 7		CONTRACT NO. 95576		

10 + 50
 C=90
 F=56

545
 F.E. L.T.
 540
 535

EXISTING R.O.W.
 PROPOSED
 EXISTING R.O.W.

536.09
 536.24
 536.39
 536.54
 540.79
 542.79
 544.48
 545.04

PROP. R.O.W.
 PROP. R.O.W.
 PROP. R.O.W.
 PROP. R.O.W.
 PROP. R.O.W.
 PROP. R.O.W.

536.69
 536.69
 536.54
 536.39
 536.24
 536.09

530
 535
 540
 545

15 + 00
 14 + 00
 13 + 00
 12 + 50
 12 + 00
 11 + 50
 11 + 00
 C=50
 F=2
 C=45
 F=12
 C=66
 F=52
 C=68
 F=109
 C=60
 F=162

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