6-12-09 Letting, Item 157

INDEX TO SHEETS

SUMMARY OF QUANTITIES

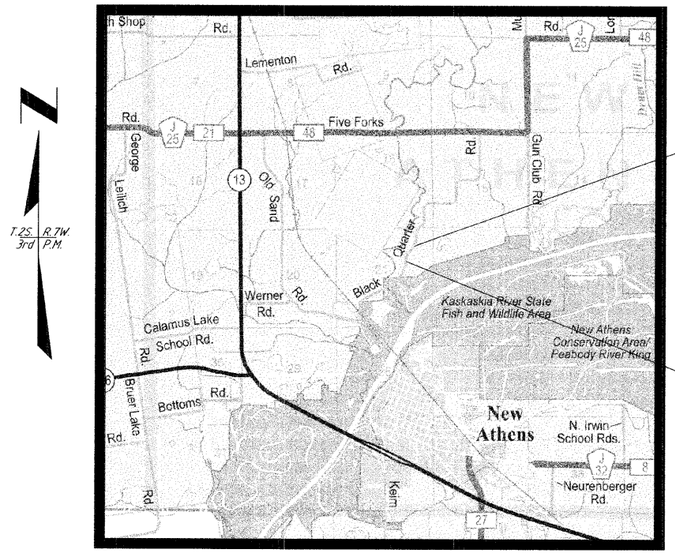
CODE NO.	ITEM	UNIT	QUANTITY
20200100	EARTH EXCAVATION	CU YD	236
20300100	CHANNEL EXCAVATION	CU YD	43
20700220	POROUS GRANULAR EMBANKMENT	CU YD	211
25000200	SEEDING, CLASS 2	ACRE	0.3
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	12
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	12
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	12
25100115	MULCH, METHOD 2	ACRE	0.3
25100630	EROSION CONTROL BLANKET	SQ YD	617
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	13
28100705	STONE DUMPED RIPRAP, CLASS A3	SQ YD	126
28200200	FILTER FABRIC	SQ YD	126
35101100	AGGREGATE BASE COURSE, TYPE A 12"	SQ YD	870
40300100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	472
40300300	BITUMINOUS MATERIALS (COVER AND SEAL COATS)	GALLON	870
40300500	COVER COAT AGGREGATE	TON	11
40300600	SEAL COAT AGGREGATE	TON	11
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1
50200100	STRUCTURE EXCAVATION	CU YD	169
50200500	COFFERDAMS	EACH	2
50300225	CONCRETE STRUCTURES	CU YD	40.8
50800105	REINFORCEMENT BARS	POUND	4600
* 50900205	STEEL RAILING, TYPE S1	FOOT	77
51200958	FURNISHING METAL SHELL PILES 14X0.250	FOOT	525
51202305	DRIVING PILES	FOOT	525
51203200	TEST PILE METAL SHELLS	EACH	1
51500100	NAME PLATES	EACH	1
* 63100075	TRAFFIC BARRIER TERMINAL, TYPE 5A	EACH	2
* 63100167	TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT)	EACH	2
67100100	MOBILIZATION	L SUM	1
70101830	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	L SUM	1
* 78201000	TERMINAL MARKER – DIRECT APPLIED	EACH	2
X0323330	PRECAST CONCRETE SUBSTRUCTURE	L SUM	1
XX003551	THREE SIDED PRECAST CONCRETE STRUCTURES	FOOT	27.5
Δ Z0076600	TRAINEES	HOUR	500

* :SPECIALTY ITEM
Δ Y080

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PLANS FOR PROPOSED
LOCAL AGENCY IMPROVEMENT
T.R. 198 BLACK QUARTER ROAD
SECTION 05-14109-00-BR
FED PROJECT NO. BROS-163(034)
NEW ATHENS ROAD DISTRICT
ST CLAIR COUNTY
CONSTRUCTION JOB NO. C-98-342-09

SECTION NO.	ROAD DISTRICT	COUNTY	SHEET OF SHEETS
05-14109-00-BR	NEW ATHENS	ST. CLAIR	1 OF 10
FHWA REG.NO.7	ILLINOIS	PROJ BROS-163(034)	
FEDERAL AID PROJECT		CONTRACT 97377	

LOCATION OF SECTION INDICATED THUS: ■



LOCATION MAP

SECTION 05-14109-00-BR
ENDS STATION 59+28.00

SECTION 05-14109-00-BR INCLUDES A THREE-SIDED PRECAST CONCRETE STRUCTURE 36' X 10' AT STA. 55+79.74.

SECTION 05-14109-00-BR
BEGINS STATION 54+98.60

LENGTH OF STRUCTURE = 38.33 ft (0.007 mi)
LENGTH OF ROADWAY = 387.16 ft (0.073 mi)
TOTAL LENGTH OF PROJECT = 425.49 ft (0.081 mi)

−1 −0.5 0 1 2 3
SCALE IN MILES

NEW ATHENS TOWNSHIP T.2S., R.7W.
N.E. 1/4 SECTION 21

DESIGN DESIGNATION
ROADWAY CLASSIFICATION : LOCAL ROAD
BRIDGE CLASSIFICATION : LOCAL ROAD
CURRENT ADT : 150
DESIGN SPEED : 30 MPH
DESIGN FREQUENCY : 15 YR.

STANDARDS

000001-05	631032-04
280001-04	635006-03
515001-03	701901-01
630301-05	B.L.R. 21-8

UTILITIES

AT&T ILLINOIS
203 GOETHE AVENUE
COLLINSVILLE, IL 62234
618-346-6494

AMEREN IP
1050 WEST BOULEVARD
BELLEVILLE, IL 62222
TEL: (618) 755-5000

Call Joint Utility Locating Information for Excavators (J.U.L.I.E.) before digging 800-892-0123

SCALES
PLAN 1" = 20'
PROFILE HORZ 1" = 20'
VERT 1" = 20'
CROSS SECTIONS HORZ 1" = 10'
VERT 1" = 10'

DARRELL I. CATES 062-042908 REGISTERED PROFESSIONAL ENGINEER OF ILLINOIS

Darrell Cates April 14 ,2009

DARRELL I. CATES, P.E.
County Engineer
License Number 62-042908
License Expiration Date: November 30, 2009

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

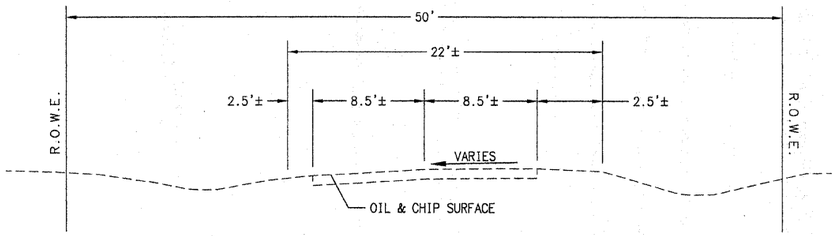
APPROVED Apr. 19, 2009
David Gula
HIGHWAY COMMISSIONER

APPROVED April 14, 2009
Darrell Cates
COUNTY ENGINEER

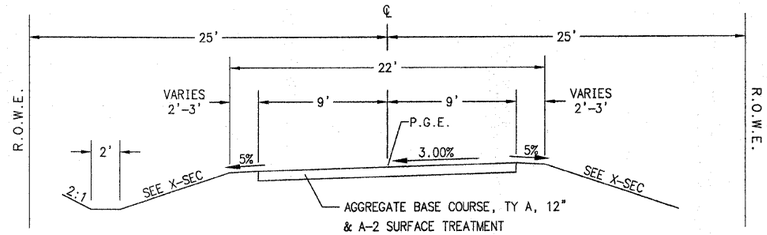
PASSED 4/15, 2009
DISTRICT 8 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID BASED ON LIMITED REVIEW 4/15, 2009
DEPUTY DIRECTOR OF HIGHWAYS, REGION 5 ENGINEER

SECTION NO.	ROAD DISTRICT	COUNTY	SHEET OF SHEETS
05-14109-00-BR	NEW ATHENS	ST.CLAIR	2 OF 10
FHWA REG.NO.	ILLINOIS	PROJ BROS-163(034)	
FEDERAL AID PROJECT		CONTRACT 97377	

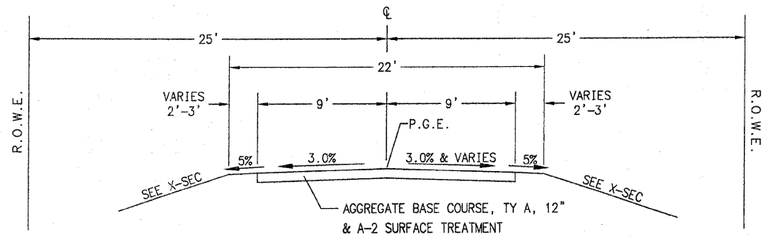


EXISTING SECTION



PROPOSED SUPERELEVATED SECTION

STA 55+88.60 - STA 58+34.09



PROPOSED TYPICAL SECTION

STA 54+98.60 - STA 55+88.60
STA 58+34.09 - STA 59+28.00

NOTES:

1. INCREASE THE BASE COURSE DEPTH PER ARTICLE 351.07 OF THE STANDARD SPECIFICATIONS.

2. WARP FROM THE EXISTING SECTION TO THE PROPOSED TEMPLATE:

   LEFT - STA 54+98.60 TO STA 55+04.60
   RIGHT - STA 54+98.60 TO STA 55+28.60

   WARP FROM THE PROPOSED TEMPLATE TO THE EXISTING SECTION:

   LEFT - STA 59+02.50 TO STA 59+28.00
   RIGHT - STA 59+13.00 TO STA 59+28.00

3. INCREASE THE SHOULDER WIDTH FROM 2 FT TO 3 FT LEFT STA. 55+45.41 TO TO STA. 55+60.41.

   DECREASE THE SHOULDER WIDTH FROM 3 FT TO 2 FT RIGHT STA. 55+90.07 TO TO STA. 56+05.07.

GENERAL NOTES

1. ALL MATERIALS DEEMED SALVAGEABLE BY THE ENGINEER SHALL REMAIN THE PROPERTY OF THE ROAD DISTRICT. ALL OTHER MATERIALS SHALL BE DISPOSED OF BY THE CONTRACTOR AT HIS OWN EXPENSE.

2. THE FOLLOWING UTILITY COMPANIES MAY HAVE FACILITIES LOCATED WITHIN THE LIMITS OF CONSTRUCTION.

TELEPHONE:	AT & T ILLINOIS 203 GOETHE AVENUE COLLINSVILLE, IL 62234 (618) 346-6494	AMEREN IP 1050 WEST BOULEVARD BELLEVILLE, IL 62222 (618) 346-6494755-5000

3. THE FOLLOWING FACTORS WERE USED TO DETERMINE THE REQUIRED AMOUNT OF MATERIALS NEEDED.

BITUMINOUS MATERIALS (PRIME COAT)	0.5 GALLON/SQ YD
BITUMINOUS MATERIALS (COVER AND SEAL COATS)	0.5 GALLON/SQ YD
COVER COAT AGGREGATE	25 POUNDS/SQ YD
SEAL COAT AGGREGATE	25 POUNDS/SQ YD

4. THE FOLLOWING ITEMS AND ESTIMATED QUANTITIES SHALL BE USED THROUGHOUT THIS PROJECT:

   0.3 ACRE, SEEDING, CLASS 2; 12 POUND, NITROGEN FERTILIZER NUTRIENT; 12 POUND, PHOSPHORUS FERTILIZER NUTRIENT; 12 POUND, POTASSIUM FERTILIZER NUTRIENT; 0.3 ACRE, MULCH, METHOD 2; 870 SQ.YD., AGGREGATE BASE COURSE, TYPE A 12"; 472 GALLON., BITUMINOUS MATERIALS (PRIME COAT); 870 GALLON, BITUMINOUS MATERIALS (COVER AND SEAL COATS); 13 POUND, TEMPORARY EROSION CONTROL SEEDING; 11 TON, COVER COAT AGGREGATE; 11 TON, SEAL COAT AGGREGATE.

6. THE CONTRACTOR SHALL NOT BE ALLOWED TO SET THE THREE SIDED STRUCTURE UNTIL THE STEEL RAILING HAS BEEN DELIVERED TO THE JOB SITE OR TO THE CONTRACTOR'S YARD. PROOF OF SUCH DELIVERY MUST BE PRESENTED TO THE ENGINEER, AT HIS REQUEST, PRIOR TO THE PLACEMENT OF THE BEAMS.

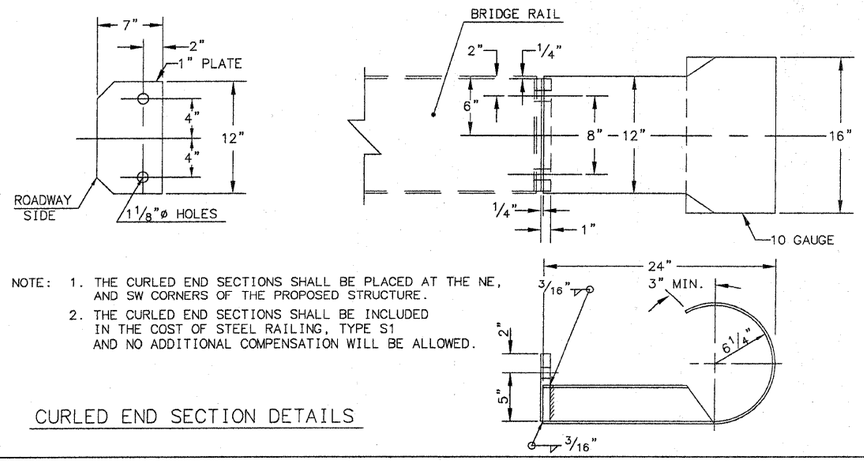
EARTHWORK SCHEDULE

LOCATION	EARTH EXCAVATION (CU. YD.)	CHANNEL EXCAVATION (CU. YD.)	STRUCTURE EXCAVATION (CU. YD.)	EXCAVATION ADJUSTED FOR SHRINKAGE (25%) (CU. YD.)	EMBANKMENT (CU. YD.)	EXCESS EXCAVATION (CU. YD.)
STA 54+98.60 TO STA 55+60.41	42	0		31.5	35	-3.5
STA 55+60.41 TO STA 55+90.07	0	43	169	159	0	159
STA 55+90.07 TO STA 59+28.00	194	0		145.5	70	75.5
TOTALS	236	43	169	336	105	231

NOTE: EARTH EXCAVATION QUANITIES INCLUDE REMOVAL OF THE EXISTING OIL & CHIP SURFACE AND THE AGGREGATE BASE MATERIAL. THIS SURPLUS UNSUITABLE MATERIAL SHALL BE DISPOSED OF ACCORDING TO SECTION 202 OF THE STANDARD SPECIFICATIONS.

EROSION CONTROL SCHEDULE

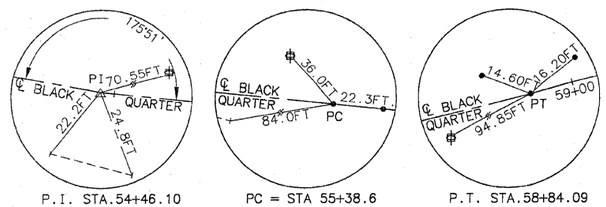
LOCATION	TEMPORARY EROSION CONTROL SEEDING (POUND)	MULCH METHOD 2 (ACRE)	EROSION CONTROL BLANKET (SQYD)
STA 54+60 TO STA 59+28	13	0.3	617
TOTALS	13	0.3	617



NOTE: 1. THE CURLED END SECTIONS SHALL BE PLACED AT THE NE, AND SW CORNERS OF THE PROPOSED STRUCTURE.
2. THE CURLED END SECTIONS SHALL BE INCLUDED IN THE COST OF STEEL RAILING, TYPE S1 AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

CURLED END SECTION DETAILS

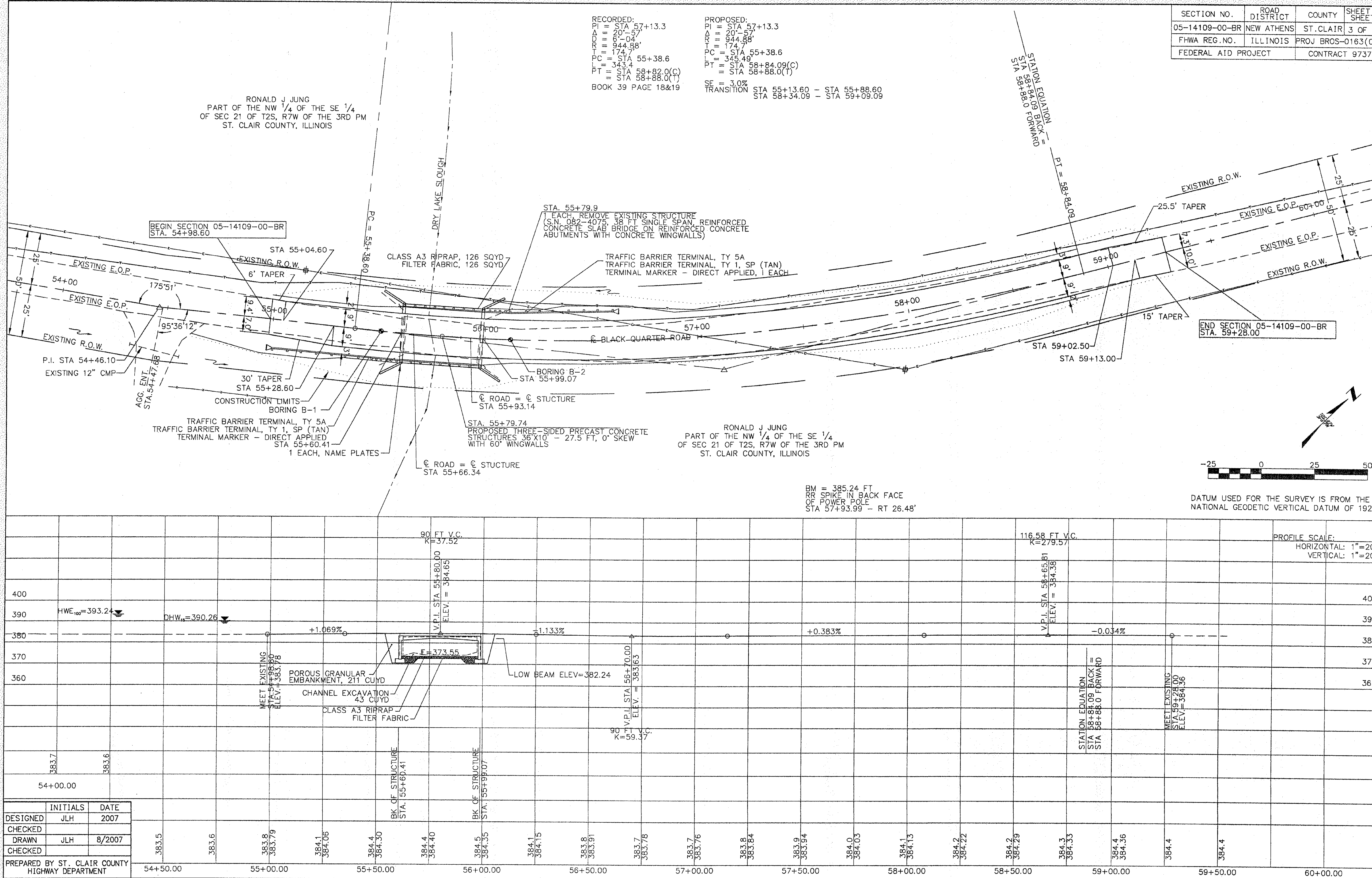
℄ TIE POINTS



P.I. STA.54+46.10 PC = STA 55+38.6 P.T. STA.58+84.09

GENERAL NOTES, TYPICAL SECTIONS, SCHEDULES & DETAILS

SECTION NO.	ROAD DISTRICT	COUNTY	SHEET OF SHEETS
05-14109-00-BR	NEW ATHENS	ST.CLAIR	3 OF 10
FHWA REG.NO.	ILLINOIS	PROJ BROS-0163(034)	
FEDERAL AID PROJECT		CONTRACT 97377	



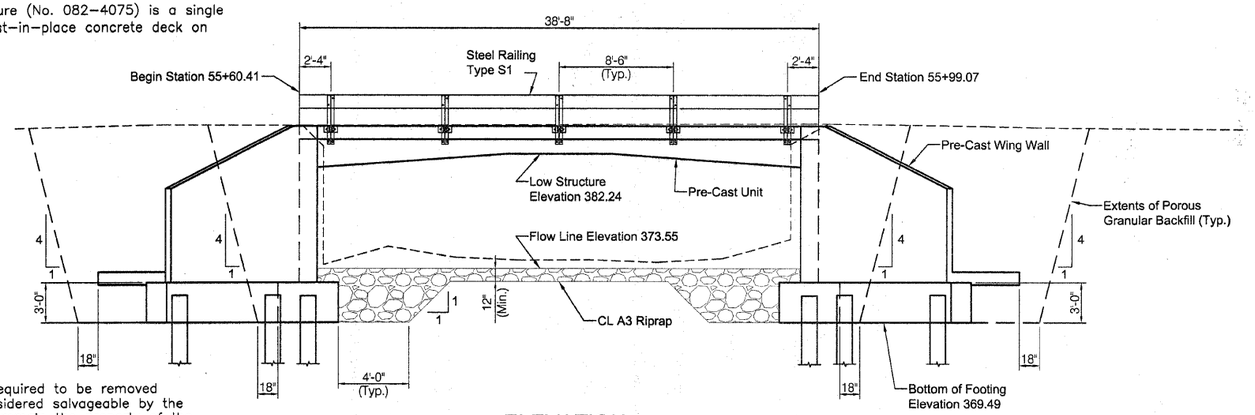
	INITIALS	DATE
DESIGNED	JLH	2007
CHECKED		
DRAWN	JLH	8/2007
CHECKED		

PREPARED BY ST. CLAIR COUNTY HIGHWAY DEPARTMENT

Bench Mark:
Railroad Spike in Back Face of Power Pole
Station 57+93.99 – Rt. 26.48
Elevation = 385.24 ft.

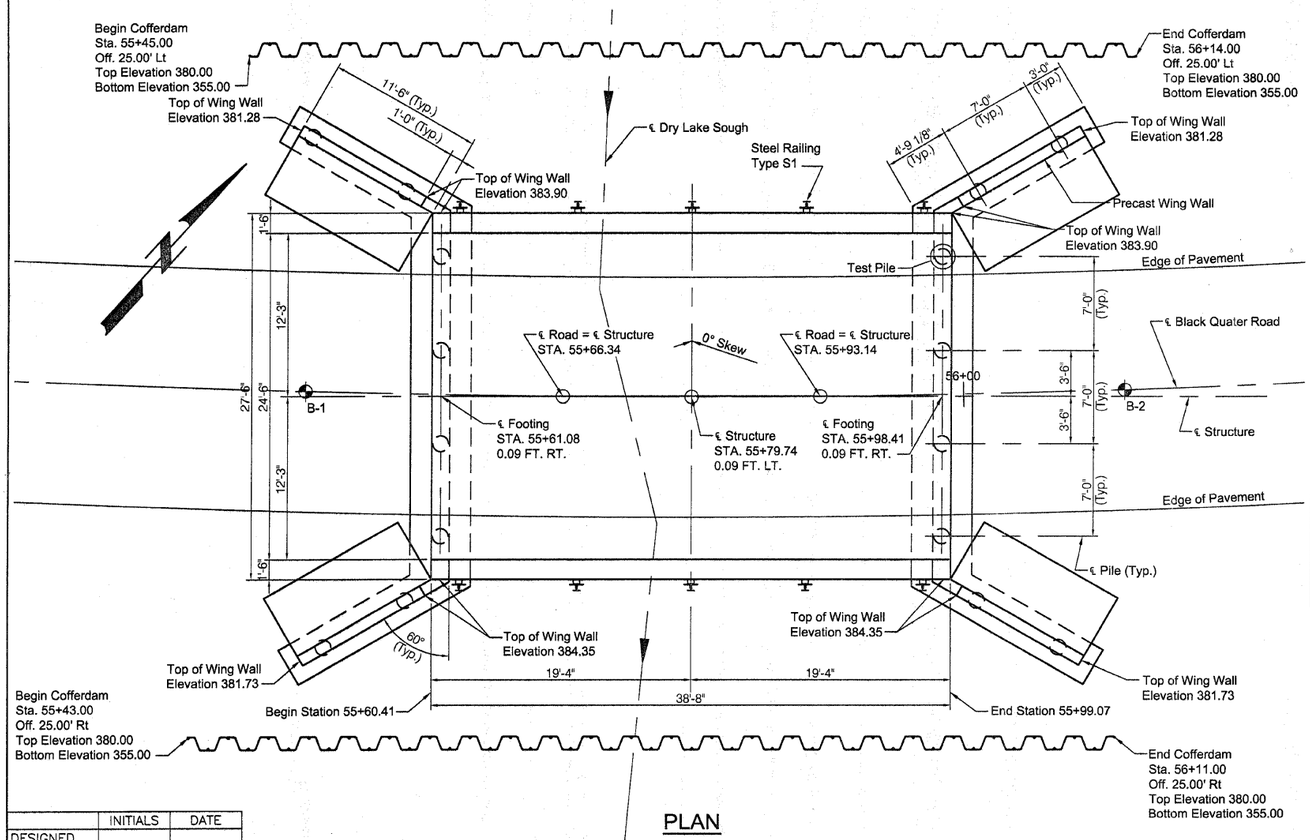
1 - 36' x 10' PRECAST 3 SIDED CONCRETE STRUCTURE

Existing Structure (No. 082–4075) is a single span (35') cast–in–place concrete deck on steel beams.



ELEVATION

Salvage:
All materials required to be removed which are considered salvageable by the engineer shall remain the property of the road district. All others shall be disposed of by the contractor at his own expense.



PLAN

	INITIALS	DATE
DESIGNED		
CHECKED		
DRAWN		
CHECKED		

KdG
Kuhlmann design Group, Inc.

SECTION NO.	ROAD DISTRICT	COUNTY	SHEET OF SHEETS
05–14109–00–BR	NEW ATHENS	ST.CLAIR	4 of 10
FHWA REG.NO.	ILLINOIS	PROJ BROS–*	
FEDERAL AID PROJECT		CONTRACT #**	

* 163(034)
** 97377

GENERAL NOTES:

DESIGN SPECIFICATIONS:
A.A.S.H.T.O. Standard Specifications for Highway Bridges – Sevententh Edition 2002

CONSTRUCTION SPECIFICATIONS:
Illinois Standard Specifications for Road and Bridge Construction, 2007 Edition

DESIGN LOADING:
Live Load HS20
Earth 120#/Cu. Ft., Equivalent Fluid Pressure 45#/Cu. Ft.

PILE DATA:
Type = 14"Ø Metal Shell Pile
Allowable Resistance Available = 1600k
Nominal Required Bearing = 416k
Estimated Length = 35 ft.
Number of Production Piles = 15
Number Test Piles = 1

SEISMIC DATA:
S.P.C. = B
A = .13
S = 1.0

DESIGN UNIT STRESSES:
Concrete Structure (Footings) f'c = 3,500 psi
Reinforcement Bars (Grade 60) fy = 60,000 psi

REINFORCING STEEL:
Minimum clearance to reinforcing steel shall be 2", unless otherwise shown.

ESTIMATED QUANTITIES

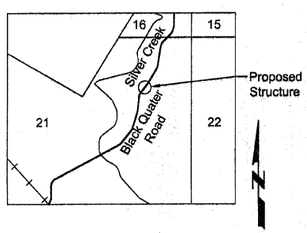
Removal of Existing Structures	Each	1
Structure Excavation	Cu. Yd.	169
Concrete Structures	Cu. Yd.	40.8
Reinforcement Bars	Pound	4,600
Steel Railing, Type S1	Foot	77
Cofferdams	Each	2
Furnishing Metal Shell Piles 14" x 0.250"	Foot	525
Driving Piles	Foot	525
Name Plates	Each	1
Three Sided Precast Concrete Structures	Foot	27.5
Precast Concrete Substructure	L.Sum	1
Test Pile Metal Shells	Each	1

Cost of drain openings, course aggregate and geotextile filter fabric shall be considered incidental and included in the cost of Three–Sided Pre–Cast Concrete Structures.

For quantities of Channel Excavation and area of Rock Blanket, see civil drawings.

Drainage Area = 0.067 sq mi (Dry Lake Slough) Existing Low Grade Elevation = 383.55 ft. @ Station 54+49.88
Drainage Area = 476.4 sq mi (Silver Creek) Proposed Low Grade Elevation = 383.55 ft. @ Station 54+49.88

Flood	Frequency (year)	Discharge (cfs)		Black Quarter Road over Dry Lake Slough						
		Dry Lake Slough	Silver Creek	Waterway Opening (sqft)		Natural H.W.E.	Head (ft)		Headwater Elevation	
				Existing	Proposed		Existing	Proposed	Existing	Proposed
Design	15	6041	9559	291.1	295.6	390.26	0.01	0.01	390.27	390.27
Base	100	10276	20013	291.1	295.6	393.24	0.01	0.01	393.25	393.25
Overtopping										
Max. Calc	500	13286	27864	291.1	295.6	395.09	0.00	0.00	395.09	395.09



LOCATION MAP
NEW ATHENS TOWNSHIP T.2S., R.7W.
N.E. 1/4 SECTION 21

DRY LAKE SLOUGH
BUILT 20__ BY
NEW ATHENS TOWNSHIP
SAINT CLAIR COUNTY
SEC. 05-14109-00-BR
STATION 55+79.74
STRUCTURE NO. 082-4155
LOADING HS20
NAME PLATE
See Std. 515001

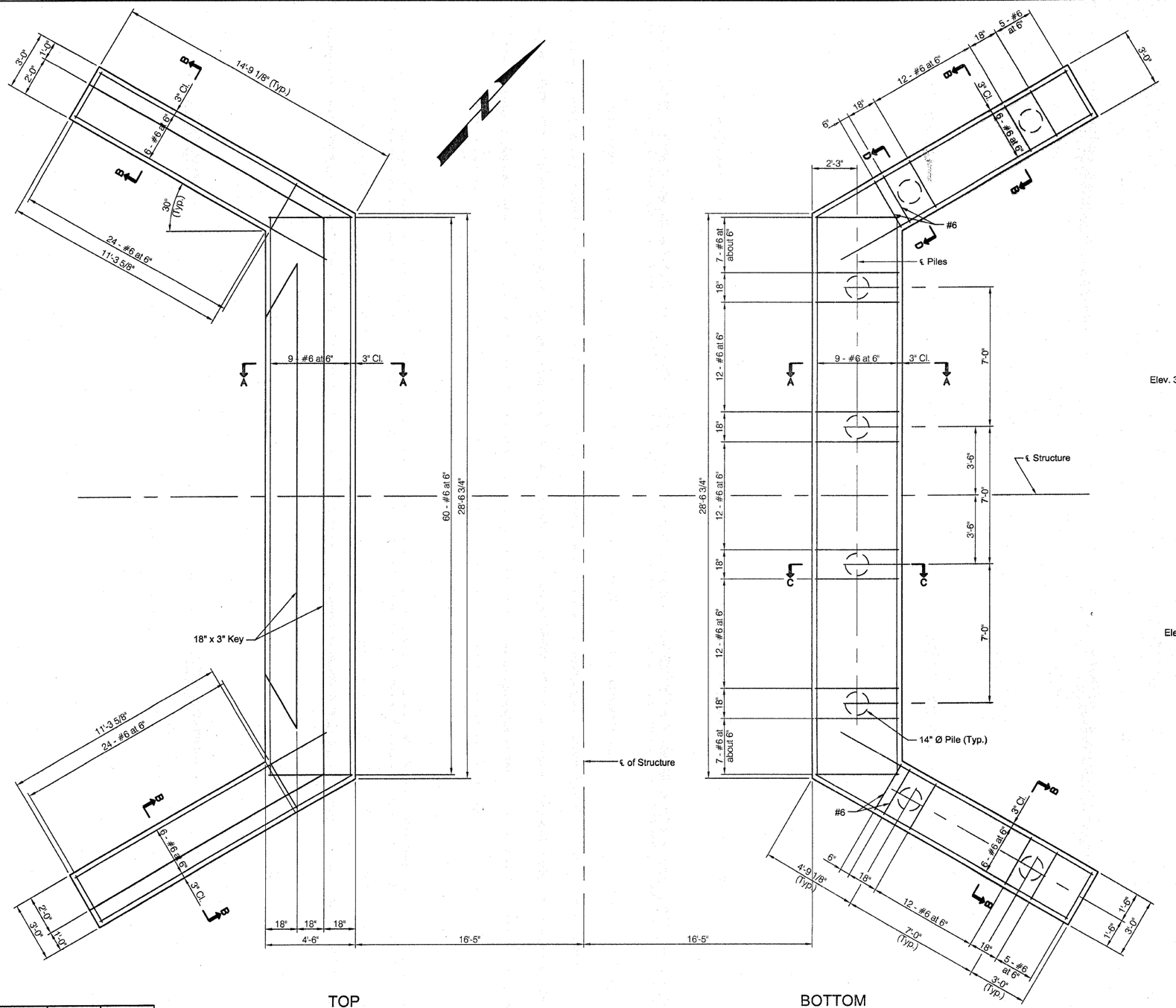
ILLINOIS STRUCTURAL ENGINEER
ROBERT A. BRUCKNER
081–004669
3-19-2009
Date expiring 11-30-2010

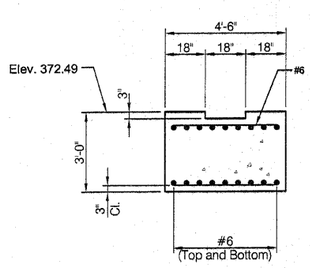
"I certify that to the best of my knowledge, information and belief, this bridge/box culvert design is structurally adequate for the design loading shown on plans. The design is an economical one for the style of structure and complies with requirements of current 'AASHTO Standard Specifications for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

BRIDGE OVER DRY LAKE SOUGH
GENERAL PLAN AND ELEVATION
SAINT CLAIR COUNTY

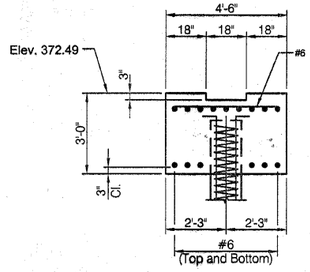
SECTION NO.	ROAD DISTRICT	COUNTY	SHEET OF SHEETS
05-14109-00-BRNEW	ATHENS	ST.CLAIR	5 of 10
FHWA REG.NO.	ILLINOIS	PROJ BROS- *	
FEDERAL AID PROJECT		CONTRACT #**	

* 163(034)
** 97377

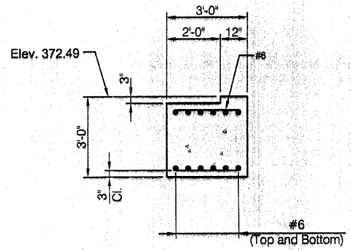




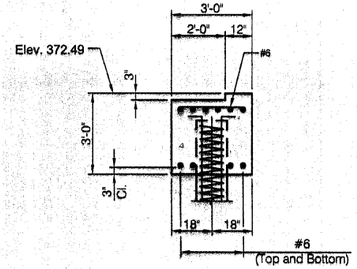
SECTON A-A



SECTON C-C



SECTON B-B



SECTON D-D

	INITIALS	DATE
DESIGNED		
CHECKED		
DRAWN	JMU	06/09/2008
CHECKED		

KdG
Kuhlmann design Group, Inc.

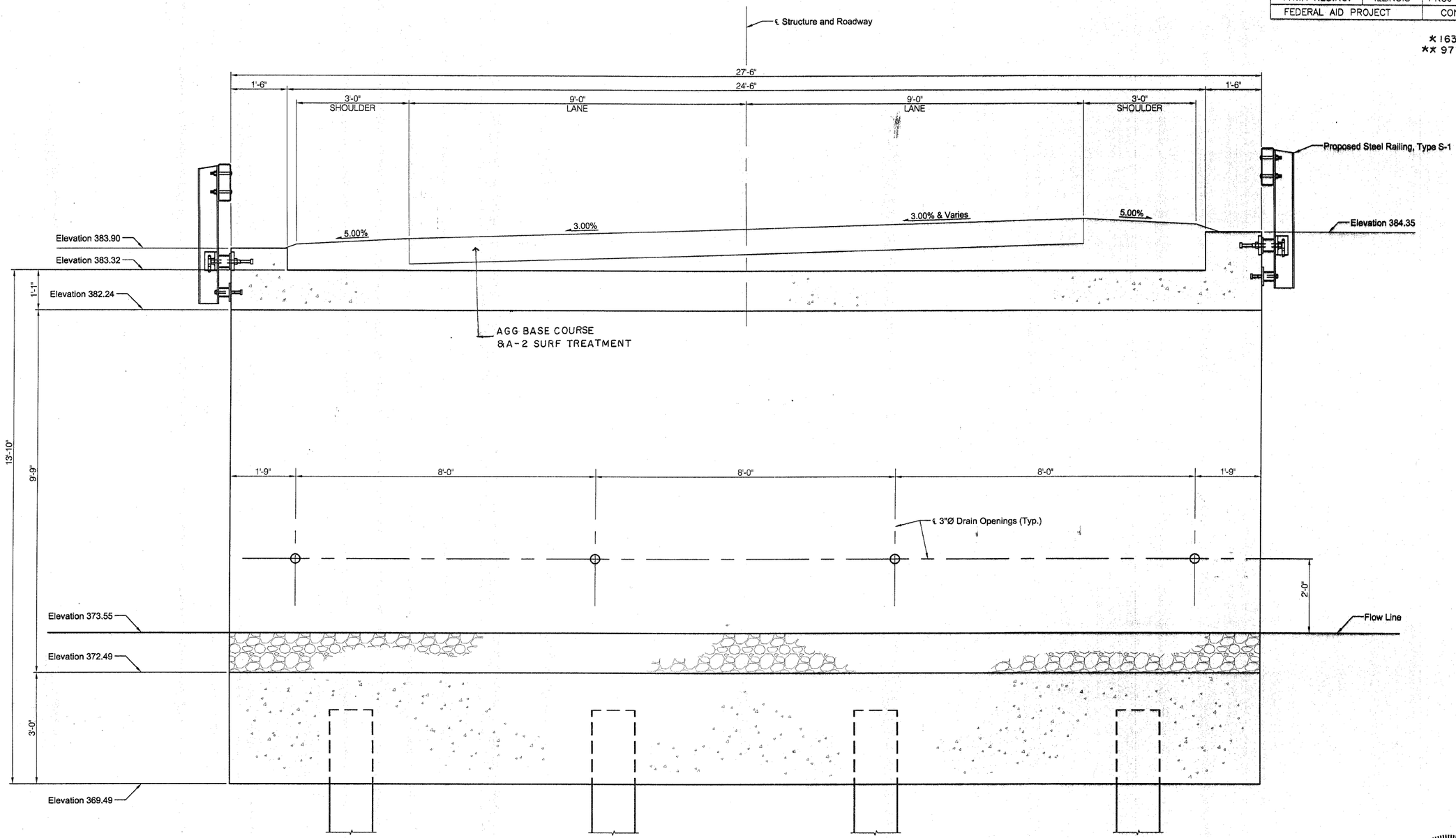
TYPICAL FOOTING PLAN

LICENSED STRUCTURAL ENGINEER
ROBERT A. BRUCKNER
081-004869
STATE OF ILLINOIS
11-19-2009
license expires 11-30-2010

BRIDGE OVER DRY LAKE SOUGH
FOOTING PLAN AND DETAILS
SAINT CLAIR COUNTY

SECTION NO.	ROAD DISTRICT	COUNTY	SHEET OF SHEETS
05-14109-00-BR	NEW ATHENS	ST.CLAIR	6 of 10
FHWA REG.NO.	ILLINOIS	PROJ BROS- *	
FEDERAL AID PROJECT		CONTRACT #**	

* 163(034)
** 97377



TYPICAL SECTION

	INITIALS	DATE
DESIGNED		
CHECKED		
DRAWN	JMU	06/10/08
CHECKED		

KdG
Kuhlmann design Group, Inc.

LICENSED STRUCTURAL ENGINEER
ROBERT A. BRUCKNER
081-004669
STATE OF ILLINOIS
5-19-2009
license expires 11-30-2010

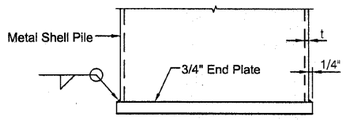
BRIDGE OVER DRY LAKE SOUGH
TYPICAL SECTION
SAINT CLAIR COUNTY

SECTION NO.	ROAD DISTRICT	COUNTY	SHEET OF SHEETS
05-14109-00-BR	NEW ATHENS	ST.CLAIR	7 of 10
FHWA REG.NO.	ILLINOIS	PROJ BROS- *	
FEDERAL AID PROJECT		CONTRACT #**	

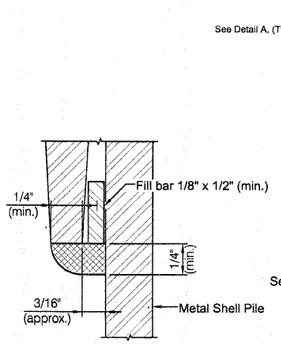
* 163(034)
** 97377

METAL SHELL PILE TABLE

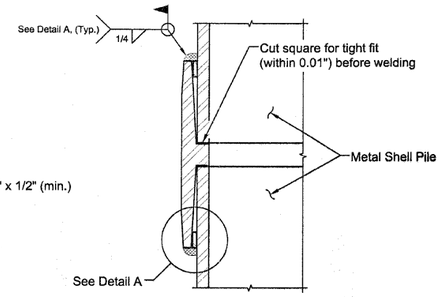
Designation and outside diameter	Wall thickness t	Weight per foot (Lbs./ft.)	Inside volume ($yd.^3/ft.$)
PP14	0.250"	36.71	0.0368



END PLATE ATTACHMENT

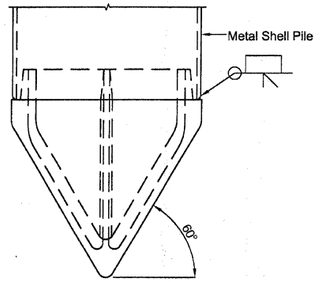


DETAIL A



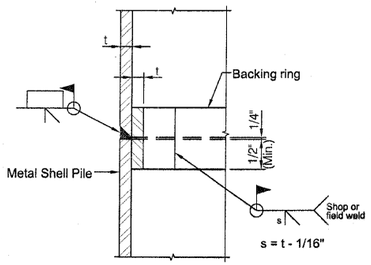
Notes:
The ⅛" x ½" min. fill bar may be constructed of 2 bars with a ⅛" max. gap between them.
Pile segments shall be driven to solid contact with splicer before welding.

WELDED COMMERCIAL SPLICE



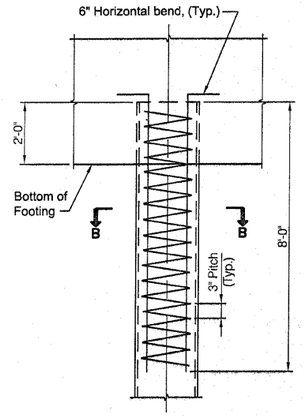
METAL SHELL PILE SHOE ATTACHMENT
(See Note A)

Note A:
When called for on the plans, the Contractor shall furnish metal shell pile shoes consisting of a single piece conical pile point as shown. The pile shoes shall be cast in one piece steel according to either ASTM A 148 Grade 90-60 or AASHTO M 103 Grade 65-35 and shall provide full bearing over the full circumference of the metal shell pile. The pile shoe shall have tapered leads to assure proper alignment and fitting and shall be secured to the pile with a circumferential weld.

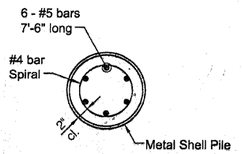


COMPLETE PENETRATION WELD SPLICE

Backing ring made from pile shell. Remove segment to allow reducing circumference and vertically rejoin with partial joint penetration weld.



ELEVATION



SECTION B-B

METAL SHELL REINFORCEMENT

Note:
The metal shell piles shall be according to ASTM A 252 Grade 3.

	INITIALS	DATE
DESIGNED		
CHECKED		
DRAWN		
CHECKED		

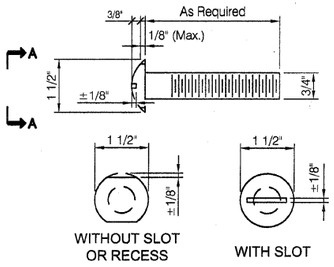
KdG
Kuhlmann design Group, Inc.

LICENSED STRUCTURAL ENGINEER
ROBERT A. BRUCKNER
081-004669
STATE OF ILLINOIS
3-19-2009
License expires: 11-30-2010

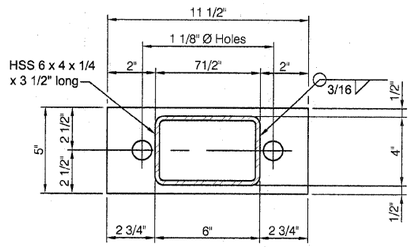
BRIDGE OVER DRY LAKE SOUGH
METAL SHELL PILE DETAILS
SAINT CLAIR COUNTY

SECTION NO.	ROAD DISTRICT	COUNTY	SHEET OF SHEETS
05-14109-00-BR	NEW ATHENS	ST.CLAIR	8 of 10
FHWA REG.NO.	ILLINOIS	PROJ BROS-*	
FEDERAL AID PROJECT		CONTRACT #**	

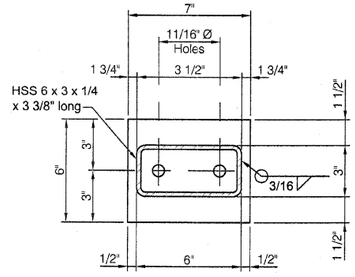
* 163(034)
** 97377



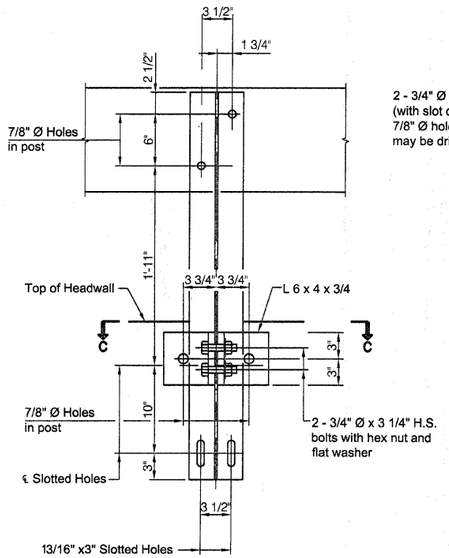
VIEW A-A
ROUND HEAD BOLT



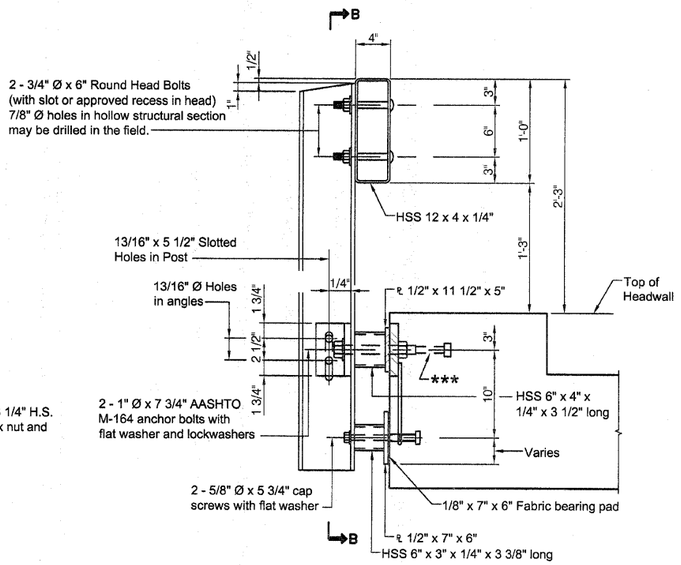
℄ 1/2" x 11 1/2" x 5"



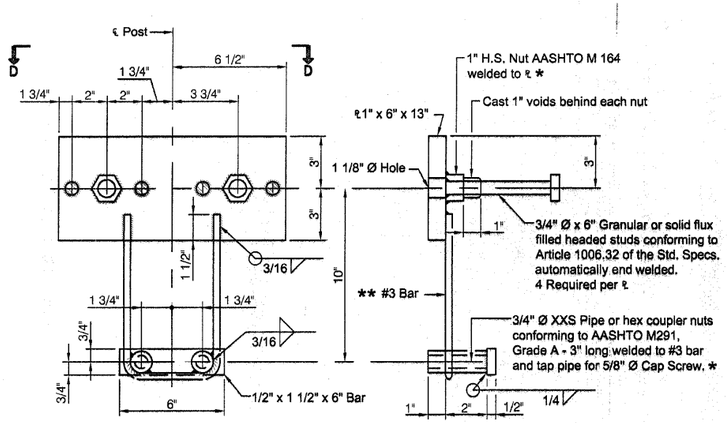
℄ 1/2" x 7" x 6"



SECTION B-B



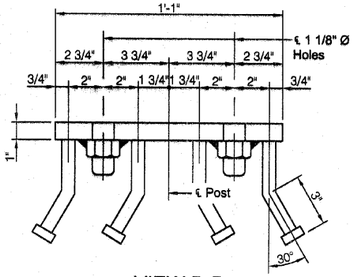
SECTION AT RAILING POST



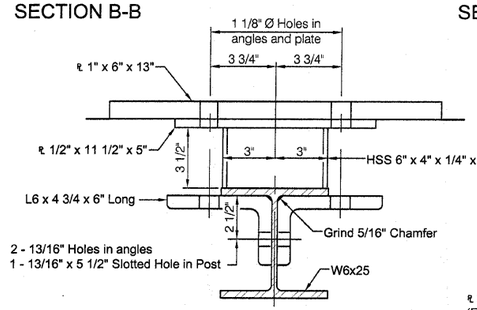
ANCHOR DEVICE

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

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 S-1.
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.

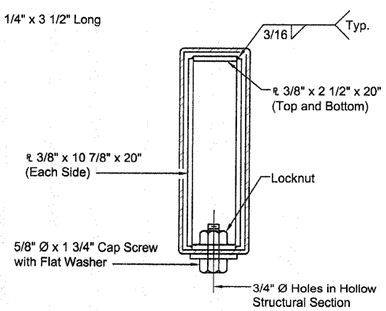


VIEW D-D

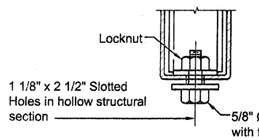


SECTION C-C

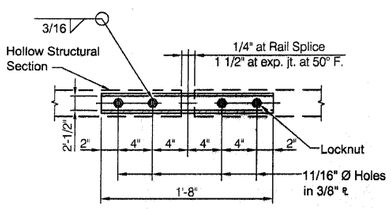
** Whenever the lower insert assemblies interfere with strand locations, the #3 bars shall be cut and adjusted in order to allow raising or lowering of the lower inserts. Maximum adjustment not to exceed 1/2".



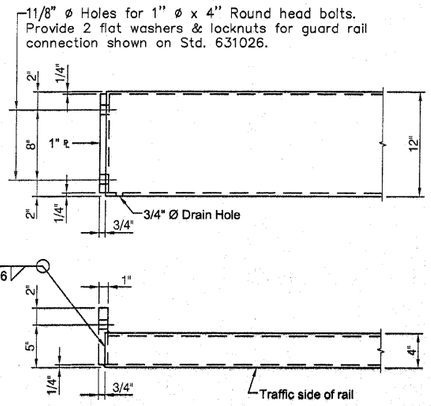
SECTIONS AT RAIL SPLICE



RAIL SPLICE CONNECTION
AT EXPANSION JT.



PLAN-BOTT. SPLICE ℄
TYPICAL



END OF RAIL DETAILS

BILL OF MATERIAL

Item	Unit	Quantity
Steel Railing, Type S-1	Foot	77

STEEL RAILING, TYPE S-1

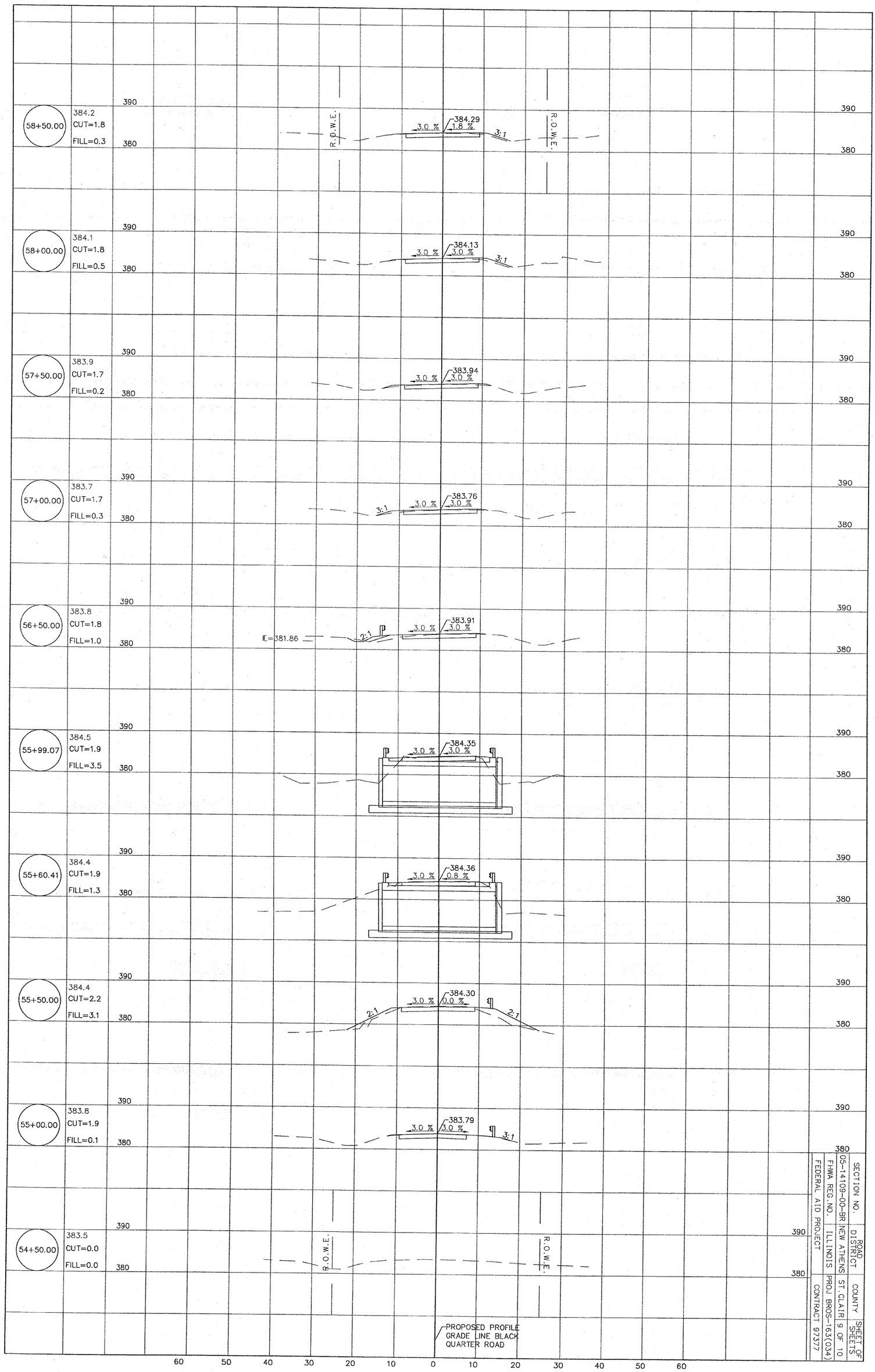
	INITIALS	DATE
DESIGNED		
CHECKED		
DRAWN		
CHECKED		

KdG
Kuhlmann design Group, Inc.

10'-9" Maximum Post Spacing

LICENSED STRUCTURAL ENGINEER
ROBERT A. BRUCKNER
081-004869
REGISTERED
3-19-2009
license expires: 11-30-2010

BRIDGE OVER DRY LAKE SOUGH
STEEL RAILING, TYPE S1
SAINT CLAIR COUNTY



SECTION NO.	05-14109-00-BR
ROAD DISTRICT	NEW ATHENS
COUNTY	ST. CLAIR
SHEET OF SHEETS	9 OF 10
FHWA REG. NO.	ILLINOIS
PROJ. BROS-163(034)	
FEDERAL AID PROJECT	
CONTRACT 97377	

SECTION NO.	ROAD DISTRICT	COUNTY	SHEET OF SHEETS
05-14109-00-BR	NEW ATHENS	ST.CLAIR	10 OF 10
FHWA REG.NO.	ILLINOIS	PROJ BROS-163(034)	
FEDERAL AID PROJECT		CONTRACT 97377