

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROPOSED
BRIDGE REPLACEMENT PLANS

INDEX OF SHEETS

- 1 COVER SHEET
- 2 GENERAL NOTES, HIGHWAY STANDARDS, & TYPICAL SECTION
- 3 SUMMARY OF QUANTITIES & QUANTITY SCHEDULES
- 4 PLAN AND PROFILE
- 5 EROSION CONTROL
- 6-12 BRIDGE PLANS
- 13-17 CROSS SECTIONS

COUNTY HIGHWAY 3
SECTION 12-00155-00-BR
PROJECT BROS-0029(297)
BRIDGE REPLACEMENT
COLES COUNTY

JOB NUMBER: C-97-031-13

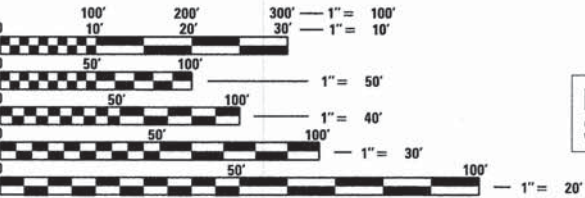
PROPOSED STRUCTURE
REPLACEMENT OVER
POLECAT CREEK
DISTRICT 7
SEC 12-00155-00-BR
STATION 20+00.0
SN: 015-3429

PROJECT ENDS
STA 22+50.0

PROJECT BEGINS
STA 18+00.0

ENGINEERING PLAN SUBMITTAL	
THESE ENGINEERING PLANS AND SUPPORTING DOCUMENTS ARE ISSUED FOR THE FOLLOWING PURPOSE ONLY	
PRELIMINARY PLAN REVIEW NO.	
PRE-FINAL PLAN REVIEW NO.	
X FINAL PLAN REVIEW NO. 2	
PERMIT APPLICATION	
BIDDING	
CONSTRUCTION	

DATE:04-18-2014

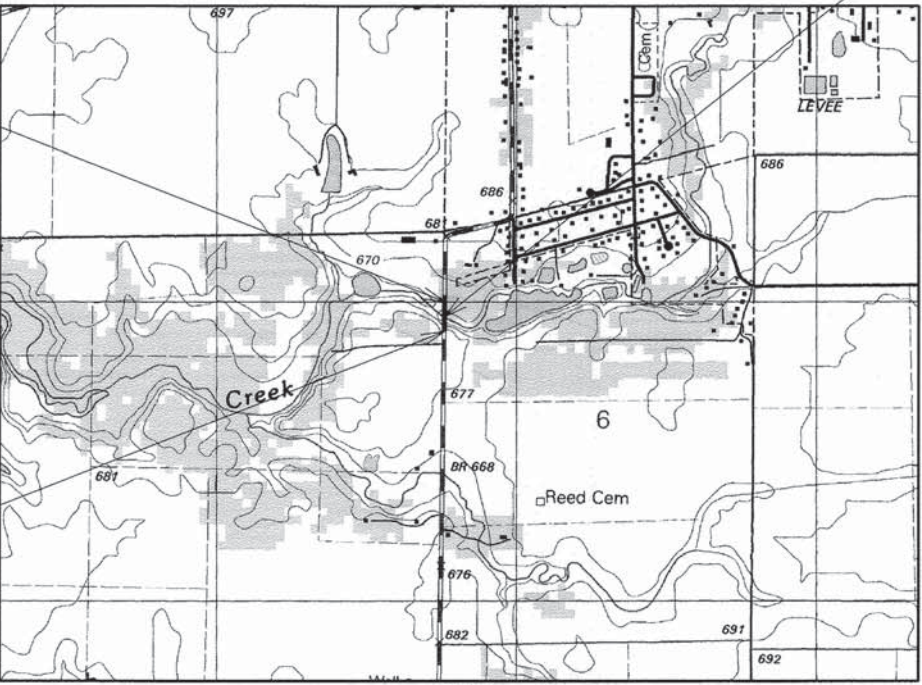


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

PROJECT ENGINEER JOE HICKOX
PROJECT MANAGER DAN FEUERBORN

CONTRACT NO. 95738



LOCATION MAP

GROSS LENGTH = 450.00 FT. = 0.085 MILE
ADT = 225
FUNCTIONAL CLASSIFICATION = LOCAL ROAD
DESIGN SPEED = 30 MPH

ESI CONSULTANTS, LTD
763 WINDSOR ROAD
CHARLESTON, IL 61820
(217) 348-1900
WWW.ESICONSULTANTS.LTD.COM
ILLINOIS DEPARTMENT OF PROFESSIONAL REGULATION REGISTRATION #184-003885
** THIS DOCUMENT IS THE PROPERTY OF ESI CONSULTANTS, LTD. AND NO PART HEREIN SHALL BE USED **
EXCEPT FOR THIS SPECIFIC PROJECT WITHOUT THE WRITTEN CONSENT OF ESI CONSULTANTS, LTD.

CNTY HWY	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3	12-00155-00-BR	COLES	17	1
ILLINOIS CONTRACT NO 95738				



LOCATION OF SECTION INDICATED THUS: -

APPROVED 04/21/2014
M.C. G...
COUNTY ENGINEER

PASSED 4-22-2014
DANIEL FEUERBORN
DISTRICT SEVEN ENGINEER OF LOCAL ROADS & STREETS

Releasing For Bid Based on Limited Review
4-22-2014
DANIEL FEUERBORN
DEPUTY DIRECTOR OF HIGHWAYS, REGION FOUR ENGINEER
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



Daniel Feuerborn
License Expires 11-30-2015
4/21/2014
Date

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

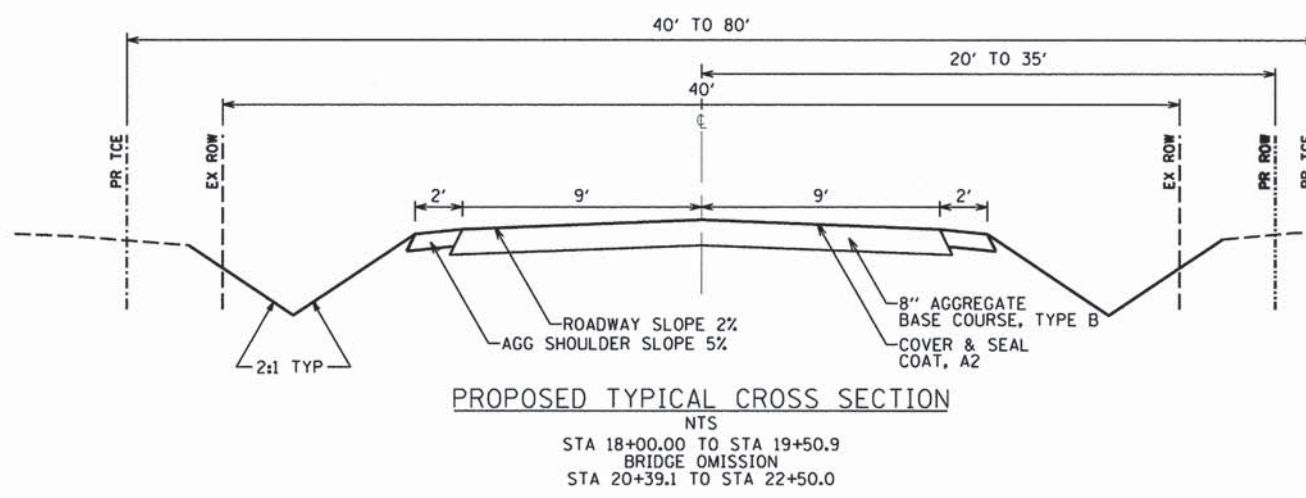
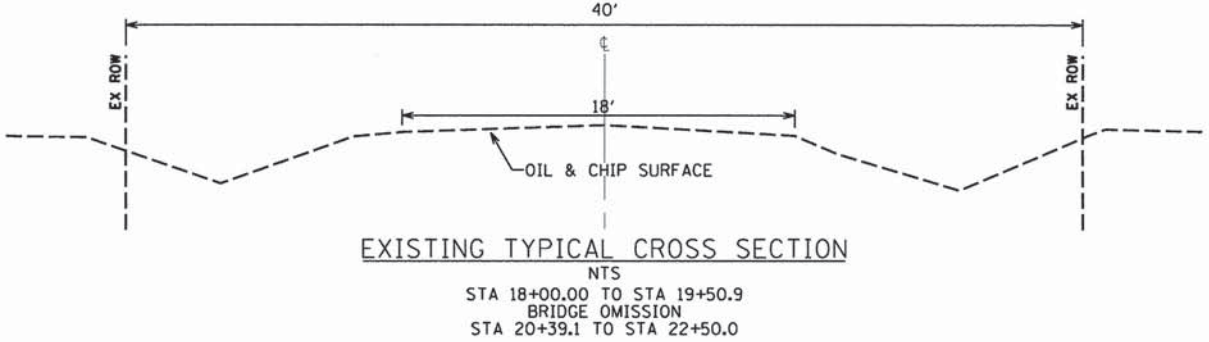
GENERAL NOTES

1. ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, ADOPTED JANUARY 1, 2012," THESE PLANS AND THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS.
2. THE CONTRACTOR SHALL COORDINATE ACTIVITIES WITH ALL UTILITIES WITHIN THE PROJECT LIMITS. THE LOCATIONS OF EXISTING UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT ARE NOT GUARANTEED. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THEIR EXACT LOCATIONS FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION. THE CONTRACTOR IS REQUIRED TO CONTACT J.U.L.I.E. AT, 1-800-892-0123, PRIOR TO PROCEEDING WITH ANY EXCAVATION AND WORK ON THE PROJECT.
3. THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES...
- AGGREGATE SURFACE COURSE, TYPE B - 1.8 TON/CU YD
 - MULCH METHOD - 2.0 TON/ACRE
 - TEMPORARY SEEDING - 100LB/ACRE

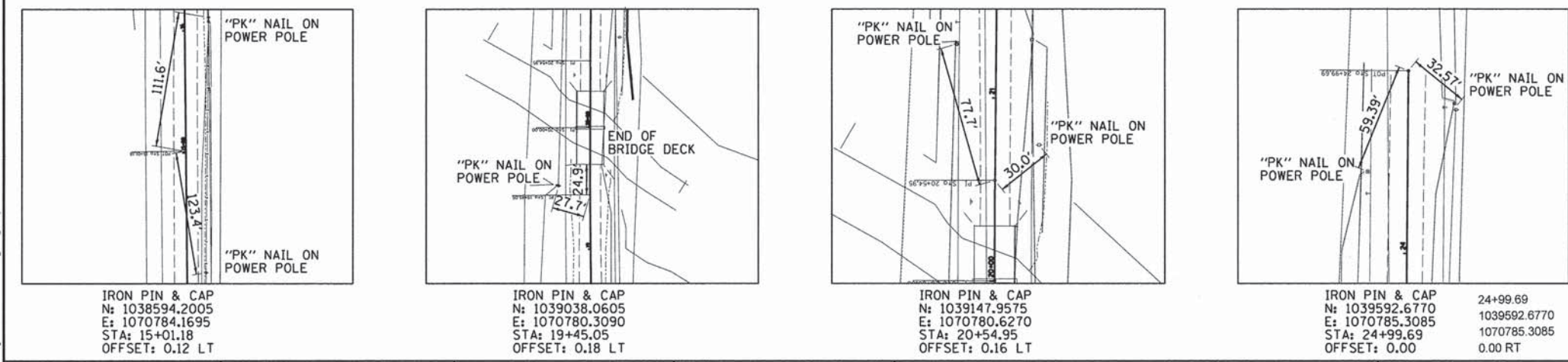
LIST OF ILLINOIS DOT HIGHWAY STANDARDS

STANDARD NO.	DESCRIPTION
000001-06	STANDARD SYMBOLS, ABBREVIATIONS & PATTERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
515001-03	NAME PLATE FOR BRIDGES
635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT
701901-03	TRAFFIC CONTROL DEVICES
BLR-21-9	TYP APP OF TRAFFIC CONTROL DEVICES, CONSTRUCTION ON RURAL LOCAL HIGHWAYS

TYPICALS



ALIGNMENT AND TIES



SUMMARY OF QUANTITIES

PAY CODE	ITEM	UNITS	TOTAL QUANTITY
20200100	EARTH EXCAVATION	CU YD	30
20300100	CHANNEL EXCAVATION	CU YD	173
20400800	FURNISHED EXCAVATION	CU YD	470
25000210	SEEDING, CLASS 2A	ACRE	0.25
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	23
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	23
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	23
25100115	MULCH, METHOD 2	ACRE	0.25
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	25
28000305	TEMPORARY DITCH CHECKS	FOOT	39
28000400	PERIMETER EROSION BARRIER	FOOT	906
28000500	INLET AND PIPE PROTECTION	EACH	2
28100107	STONE RIPRAP, CLASS A4	SQ YD	449
28200200	FILTER FABRIC	SQ YD	449
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	161
40300300	BITUMINOUS MATERIALS (COVER AND SEAL COATS)	GALLON	508
40300500	COVER COAT AGGREGATE	TON	8
40300600	SEAL COAT AGGREGATE	TON	8
48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	161
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1
50105220	PIPE CULVERT REMOVAL	FOOT	22
50200100	STRUCTURE EXCAVATION	CU YD	148
50300225	CONCRETE STRUCTURES	CU YD	33
50300280	CONCRETE ENCASEMENT	CU YD	5.6
50400705	PRECAST PRESTRESSED CONCRETE DECK BEAMS (42" DEPTH)	SQ FT	2407
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	4420
* 50900205	STEEL RAILING, TYPE S1	FOOT	172
51201400	FURNISHING STEEL PILES HP10X42	FOOT	686

* SPECIALTY ITEMS

SUMMARY OF QUANTITIES

PAY CODE	ITEM	UNITS	TOTAL QUANTITY
51202305	DRIVING PILES	FOOT	686
51203400	TEST PILE STEEL HP10X42	EACH	2
51500100	NAME PLATES	EACH	1
542D0217	PIPE CULVERTS, CLASS D, TYPE 1 12"	FOOT	40
59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	81.3
67100100	MOBILIZATION	L SUM	1
70101830	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	L SUM	1
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	4

* SPECIALTY ITEMS

EARTHWORK SCHEDULE

	CUT		FILL		TOTAL
STATION	SQ FT	CU YD	SQ FT	CU YD	CU YD
18+00	12.4		0.0		
		8.4		2.1	10.5
18+25	5.7		4.6		
		2.7		6.2	8.8
18+50	0.0		8.7		
		0.0		13.1	13.1
18+75	0.0		19.6		
		0.0		23.4	23.4
19+00	0.0		30.9		
		0.0		35.9	35.9
19+25	0.0		46.7		
		0.0		59.0	59.0
19+51	0.0		76.4		
BRIDGE OMISSION					
20+39	5.6		125.8		
		3.8		160.1	163.9
20+75	0.2		115.0		
		0.1		74.5	74.6
21+00	0.0		45.9		
		0.0		36.6	36.6
21+25	0.0		33.1		
		0.0		27.1	27.1
21+50	0.0		25.4		
		0.0		20.2	20.2
21+75	0.0		18.2		
		0.8		14.5	15.3
22+00	1.7		13.0		
		4.2		8.4	12.6
22+25	7.4		5.1		
		8.5		4.0	12.5
22+50	11.0		3.4		
TOTAL CUT		TOTAL FILL		TOTAL	
EARTH EXCAVATION		EMBANKMENT		EARTHWORK	
30 CU YD		490 CU YD		515 CU YD	
FURNISHED EXCAVATION =			470 CU YD		

** FURNISHED EXCAVATION INCLUDES 25% SHRINKAGE AND 5% WASTE OF EARTH EXCAVATION.

TEMPORARY DITCH CHECKS

				28000305
				TEMP DITCH CHECKS
STSTION	SIDE	OFFSET		(FEET)
18+25.0	RT	12.9		3
18+42.0	RT	13		3
18+59.0	RT	13.1		3
18+76.0	RT	13.1		3
18+93.0	RT	13.3		3
19+10.0	RT	14.2		3
20+75.0	RT	30		3
18+25.0	LT	14.7		3
18+45.0	LT	14.8		3
18+65.0	LT	14.9		3
18+85.0	LT	14.7		3
19+05.0	LT	14.7		3
19+25.0	LT	15.2		3
TOTAL				39

INLET & PIPE PROTECTION

				28000500
				INLET & PIPE PROTECTION
STSTION	SIDE	OFFSET		EACH
19+25.0	RT	15.3		1
19+41.3	LT	16.8		1
TOTAL				2

AGGREGATE SCHEDULE

				40200800
				AGG SURF CSE, TY B (TON)
STATION	TO	STATION	SURFACE AREA (SQ FT)	
18+00.0	-	19+50.9	2756	68.0
20+39.1	-	22+50.0	3777	93.0
TOTAL :				161

COVER AND SEAL COAT

				40300500	40300600	40300300
				COVER COAT AGGREGATE (TON)	SEAL COAT AGGREGATE (TON)	BIT MATERIALS C&S COATS (GAL)
STATION	TO	STATION	SURFACE AREA (SQ FT)			
18+00.0	-	19+50.9	2756	3.8	3.8	214.4
20+39.1	-	22+50.0	3777	4.2	4.2	293.7
TOTAL :				8	8	508

PRINTED DATE: 4/18/2014
FILE NAME: N:\Projects\Illinois\Co Highway Dept\13-584 Ch 3 over Polesat Creek\CA00\Drawings\Sheets\831 Ch3_500.dgn



USER NAME = #USER#	DESIGNED - JEH	REVISED -
	DRAWN - JEH	REVISED -
PLOT SCALE = 1,0000 ' / 1"	CHECKED - DF	REVISED -
PLOT DATE = 4/18/2014	DATE - 04-18-2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES &
QUANTITY SCHEDULES

SHEET NO 1 OF 1 SHEETS

CNTY HWY	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3	12-00155-00-BR	COLES	17	3
CONTRACT NO 95738				
ILLINOIS FEDERAL AID PROJECT				

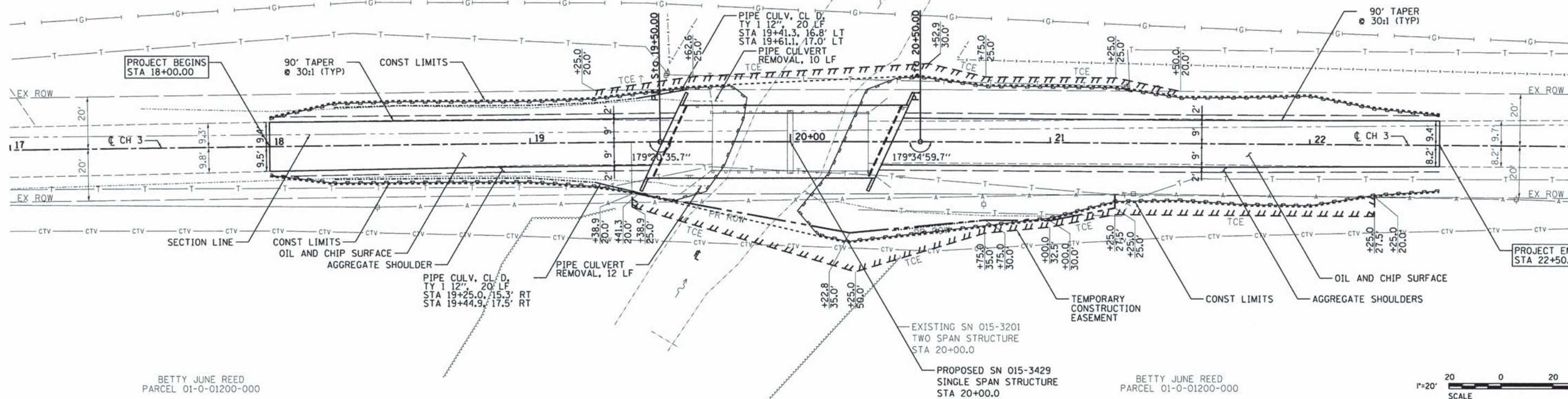
PLAN	DATE	BY	DATE
SURVEYED			
PLOTTED			
CHECKED			
NO. OF WAY CHECKED			
CADD FILE NAME			
NO.			

PROFILE	DATE	BY	DATE
SURVEYED			
PLOTTED			
CHECKED			
NO. OF WAY CHECKED			
CADD FILE NAME			
NO.			

PRINTED DATE: 4/18/2014
FILE NAME: N:\Projects\Gates Co Highway Dept\13-584 CH 3 over Polecat Creek\CADD\Drawings\Sheet\04 CH3.PlotPrf.dgn

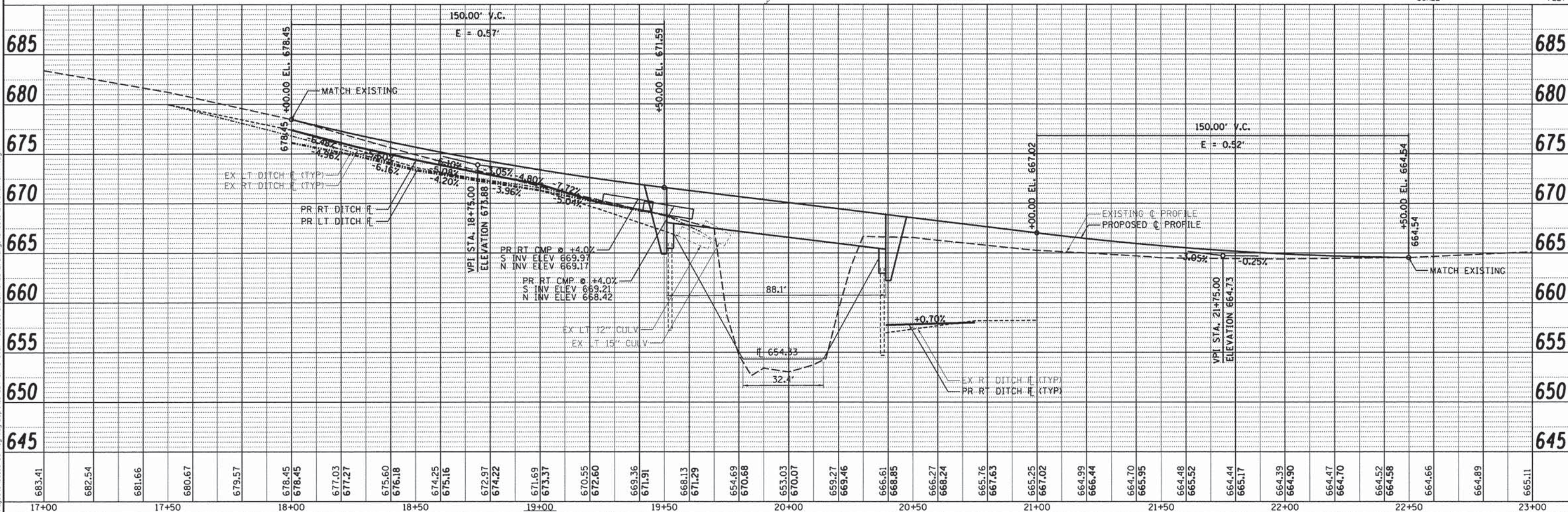
NELS R. KASEY
PARCEL 01-0-00003-000

NELS R. KASEY
PARCEL 01-0-00003-000



BETTY JUNE REED
PARCEL 01-0-01200-000

BETTY JUNE REED
PARCEL 01-0-01200-000



ESI
ESI CONSULTANTS, LTD
Excellence. Service. Integrity

USER NAME = #USER#
PLOT SCALE = 20.0000' / 1" =
PLOT DATE = 4/18/2014

DESIGNED - JEH
DRAWN - JEH
CHECKED - DF
DATE - 04-18-2014

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

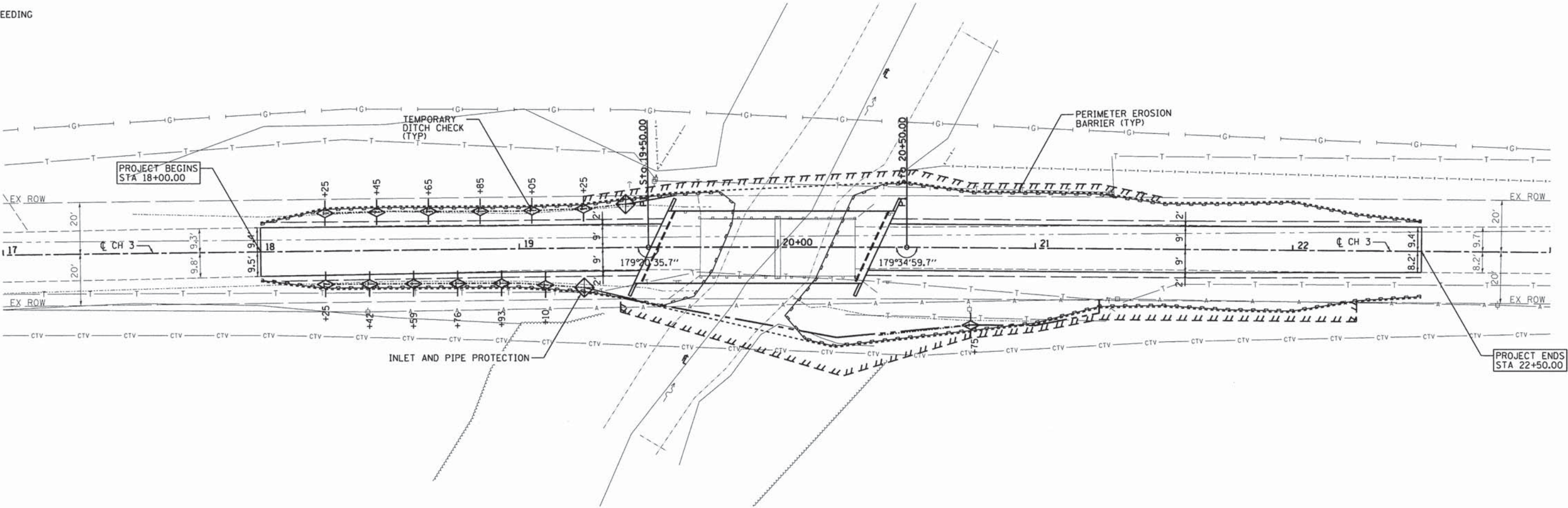
PLAN & PROFILE

SHEET NO 1 OF 1 SHEETS

Cnty	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3	12-00155-00-BR	Coles	17	4
CONTRACT NO 95738				
ILLINOIS FEDERAL AID PROJECT				

INTENDED SEQUENCE

1. PLACEMENT OF PERIMETER EROSION CONTROL BARRIER PRIOR TO THE COMMENCEMENT OF ANY WORK ON THE PROJECT. SEE STANDARD 280001.
2. REMOVAL OF EXISTING STRUCTURE
3. CONSTRUCTION OF PROPOSED STRUCTURE
4. CONSTRUCTION OF PROPOSED ROADWAY AND SHOULDERS
5. CONSTRUCTION OF PROPOSED DITCHES AND ENTRANCES
6. PLACEMENT OF TEMPORARY DITCH CHECKS
7. SEEDING



NOTE:
DITCH CHECKS ARE SHOWN TO ACCOMMODATE AN ASSUMED HEIGHT OF 1.5'. DITCH CHECKS SHALL NOT BE SPACED ANY GREATER THAN THE HEIGHT OF DITCH CHECK DIVIDED BY THE DITCH SLOPE.



USER NAME = \$USER\$	DESIGNED - JEH	REVISED -
	DRAWN - JEH	REVISED -
PLOT SCALE = 20.0000 ' / 1in.	CHECKED - DF	REVISED -
PLOT DATE = 4/18/2014	DATE - 04-18-2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

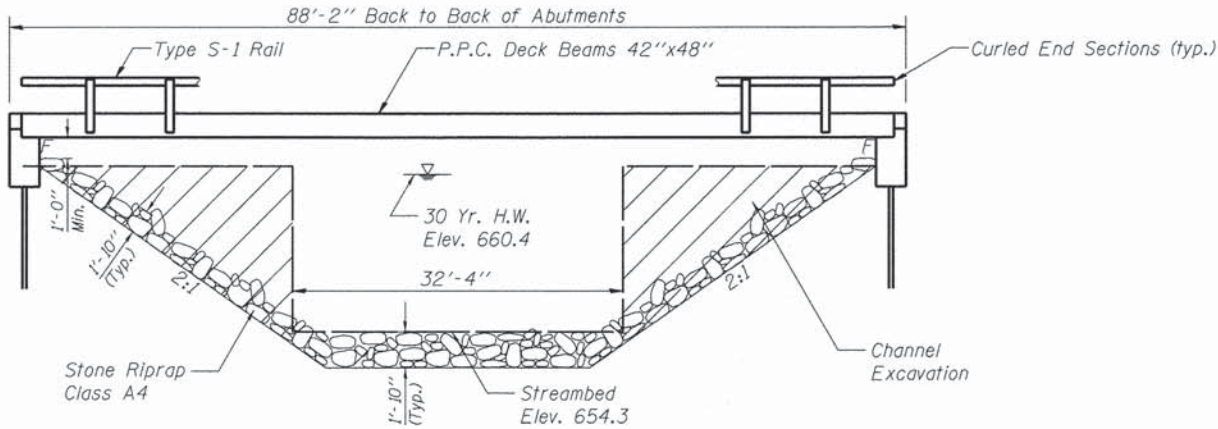
PLAN & PROFILE

SHEET NO 1 OF 1 SHEETS

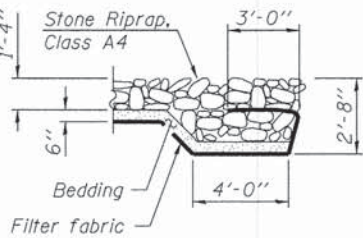
CNTY HWY	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3	12-00155-00-BR	COLES	17	5
CONTRACT NO 95738				
ILLINOIS/FEDERAL AID PROJECT				

B.M. #1 : Sta. 21+29, 21' Left, Spike in Power Pole, Elev. 663.81
B.M. #2 : Sta. 20+30, 10.6' Right, Painted Square in Concrete, Elev. 666.88
B.M. #3 : Sta. 26+70, Spike in Power Pole, Elev. 676.89

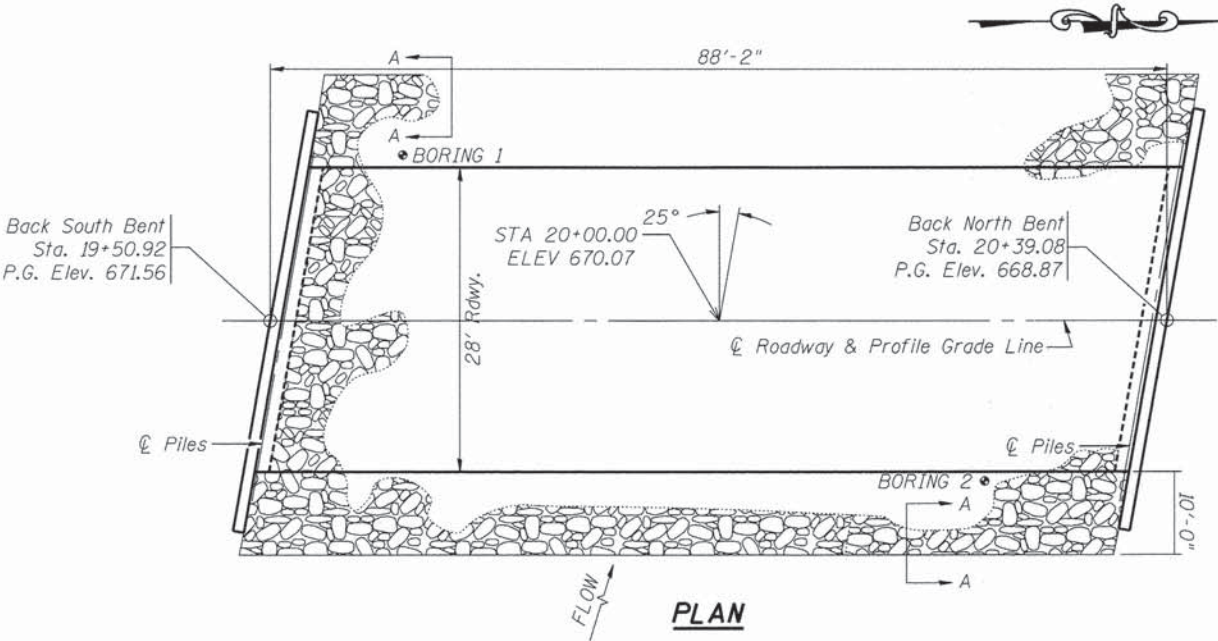
Existing Structure: Structure 015-3201 consists of a two span concrete deck beam bridge on closed wood abutments. The bk. to bk. of abutments length is 22' and the out-to-out width is 20.4'. The existing structure shall be completely replaced. Road closure shall be used during construction.



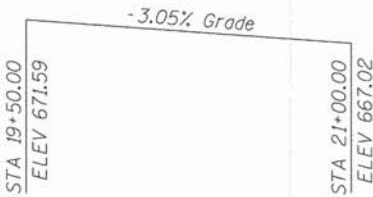
ELEVATION



SECTION A-A



PLAN



PROFILE GRADE

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 ($\frac{1}{2}$ " low relax. strands)
 $f_{pt} = 201,960$ psi ($\frac{1}{2}$ " low relax. strands)

DESIGN SPECIFICATIONS

2012 AASHTO LRFD Bridge Design Specifications - 6th ed.

LOADING HL-93

Allow 50#/sq. ft. for future wearing surface.

SEISMIC DATA

Seismic Performance Zone (SPZ) = 2
Design Spectral Acceleration at 1.0 sec. (S_{D1}) = 0.170
Design Spectral Acceleration at 0.2 sec. (S_{D5}) = 0.345
Site Soil Class = D

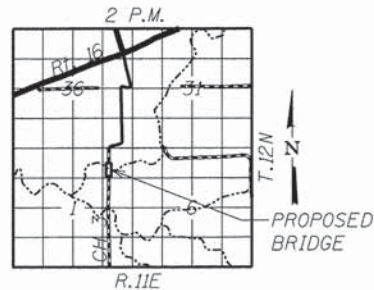
BUILT 2011 BY
COLES COUNTY
SEC. 12-00155-00-BR
BROS-0029(297)
COUNTY HIGHWAY 3
STR. NO. 015-3429 LOADING HL-93

LETTERING FOR NAME PLATE

Locate Name Plate on the outside face of the Southeast Wingwall.

WATERWAY INFORMATION

Drainage Area = 14.88 SQ MI Low Grade Elev. = 664.54 @ Sta. 22+50									
Flood	Freq. Yr.	Q C.F.S.	Opening Sq. Ft.		Nat. H.W.E.	Head - Ft.		Headwater El.	
			Exist.	Prop.		Exist.	Prop.	Exist.	Prop.
Design	30	2200	284.2	284.5	660.4	0.3	0.1	660.7	660.5
Base	100	2870	306.4	313.7	660.9	0.7	0.5	661.6	661.4
Overtopping									
Max. Calc.									



LOCATION SKETCH

GENERAL NOTES

- The Contractor shall drive 1 test pile at each abutment, as specified, in a permanent location as directed by the Engineer before ordering the remaining piles.
- Concrete sealer shall be applied to exterior face of each fascia beam.
- Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60.
- Reinforcement bars designated (E) shall be epoxy coated.
- Layout of the slope protection system may be varied to suit ground conditions in the field as directed by the Engineer.

TOTAL BILL OF MATERIAL

Item	Unit	Super	Sub. Abuts.	Total
Removal of Existing Structures	Each	-	-	1
Concrete Structures	Cu. Yd.	-	33	33
Precast Prestressed Concrete Deck Beams (42" Depth)	Sq. Ft.	2407	-	2407
Steel Bridge Railing, Type S-1	Foot	172	-	172
Reinforcement Bars, Epoxy Coated	Pound	-	4420	4420
Furnishing Steel Piles HP 10x42	Foot	-	686	686
Driving Piles	Foot	-	686	686
Test Pile Steel HP 10x42	Each	-	2	2
Name Plates	Each	1	-	1
Structure Excavation	Cu. Yd.	-	148	148
Stone Riprap Class A4	Sq. Yd.	-	449	449
Channel Excavation	Cu. Yd.	-	172.6	172.6
Controlled Low-Strength Material	Cu. Yd.	-	81.3	81.3
Concrete Encasement	Cu. Yd.	-	5.6	5.6
Filter Fabric	Sq. Yd.	-	449	449

INDEX OF SHEETS

- General Plan & Elevation
- Superstructure
- Superstructure Details
- Steel Railing
- Abutment Details
- Pile Details
- Boring Logs



Daniel Feuerborn
License Expires 11-30-2014
Date 4/21/2014

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

GENERAL PLAN & ELEVATION
COUNTY HIGHWAY 3 OVER POLECAT CREEK
SEC. 12-00155-00-BR
COLES COUNTY
STATION 20+00.00
STRUCTURE NO. 015-3429



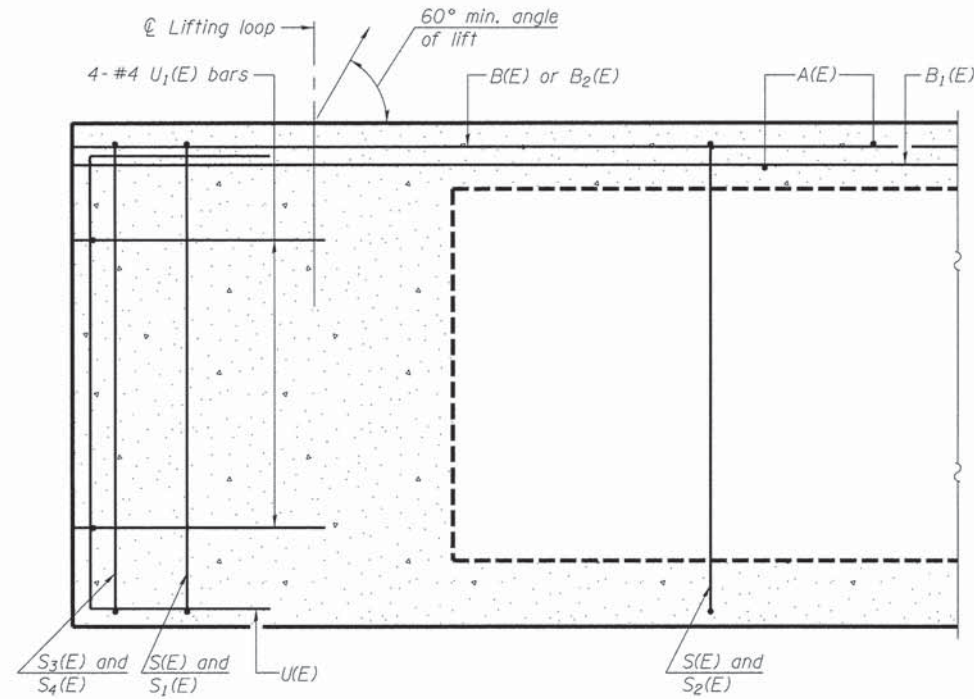
USER NAME = USER#
PLOT SCALE = 0:1.0000 1' = 10'
PLOT DATE = 4/18/2014

DESIGNED - JEH
CHECKED - DF
DRAWN - JEH
CHECKED - DF
REVISED -
REVISED -
REVISED -
REVISED -

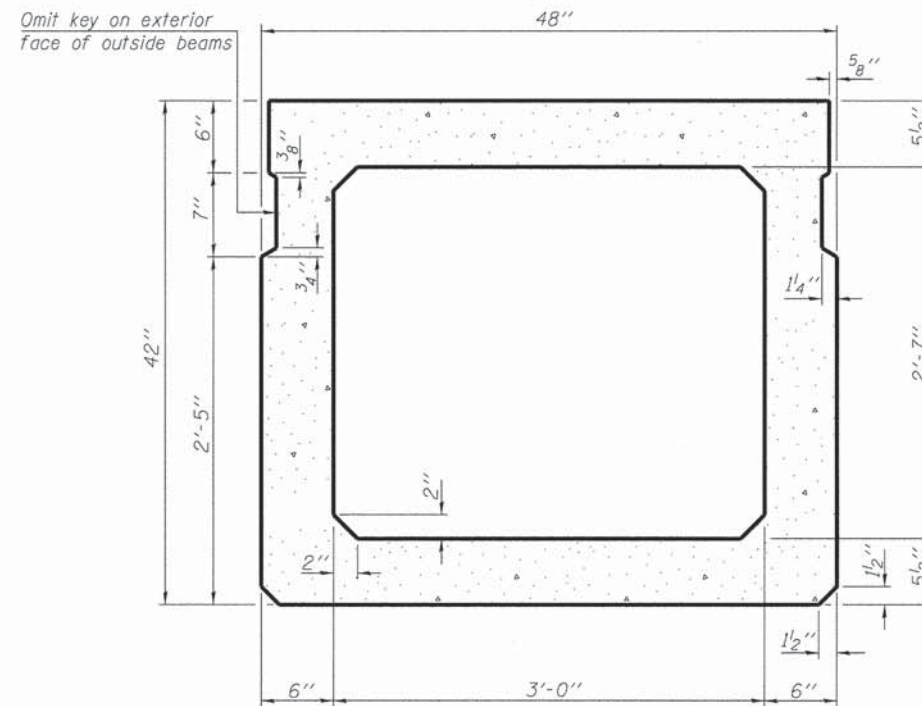
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHEET NO 1 OF 7 SHEETS

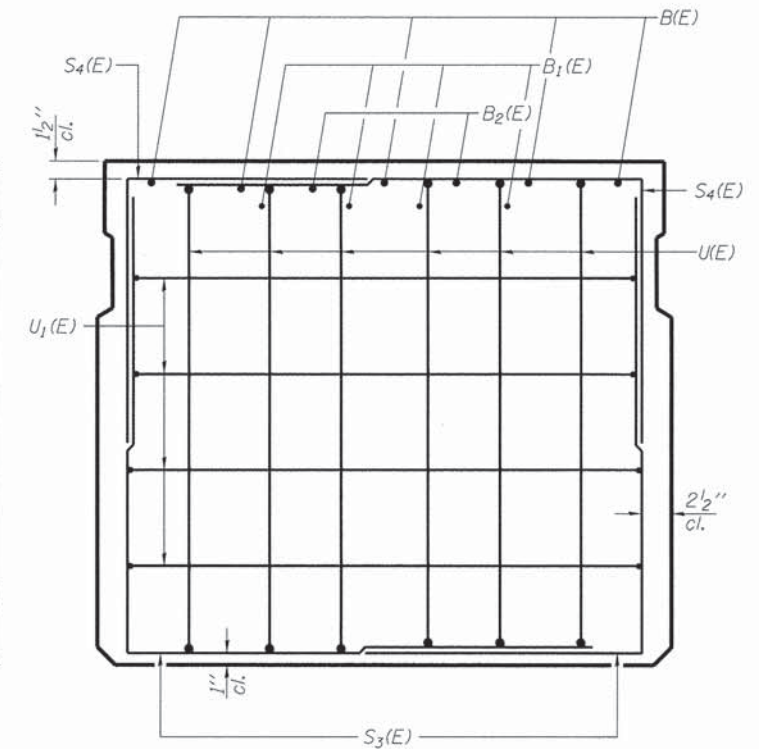
CNTY HWY	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3	12-00155-00-BR	COLES	17	6
CONTRACT NO. 95738				
ILLINOIS FED. AID PROJECT				



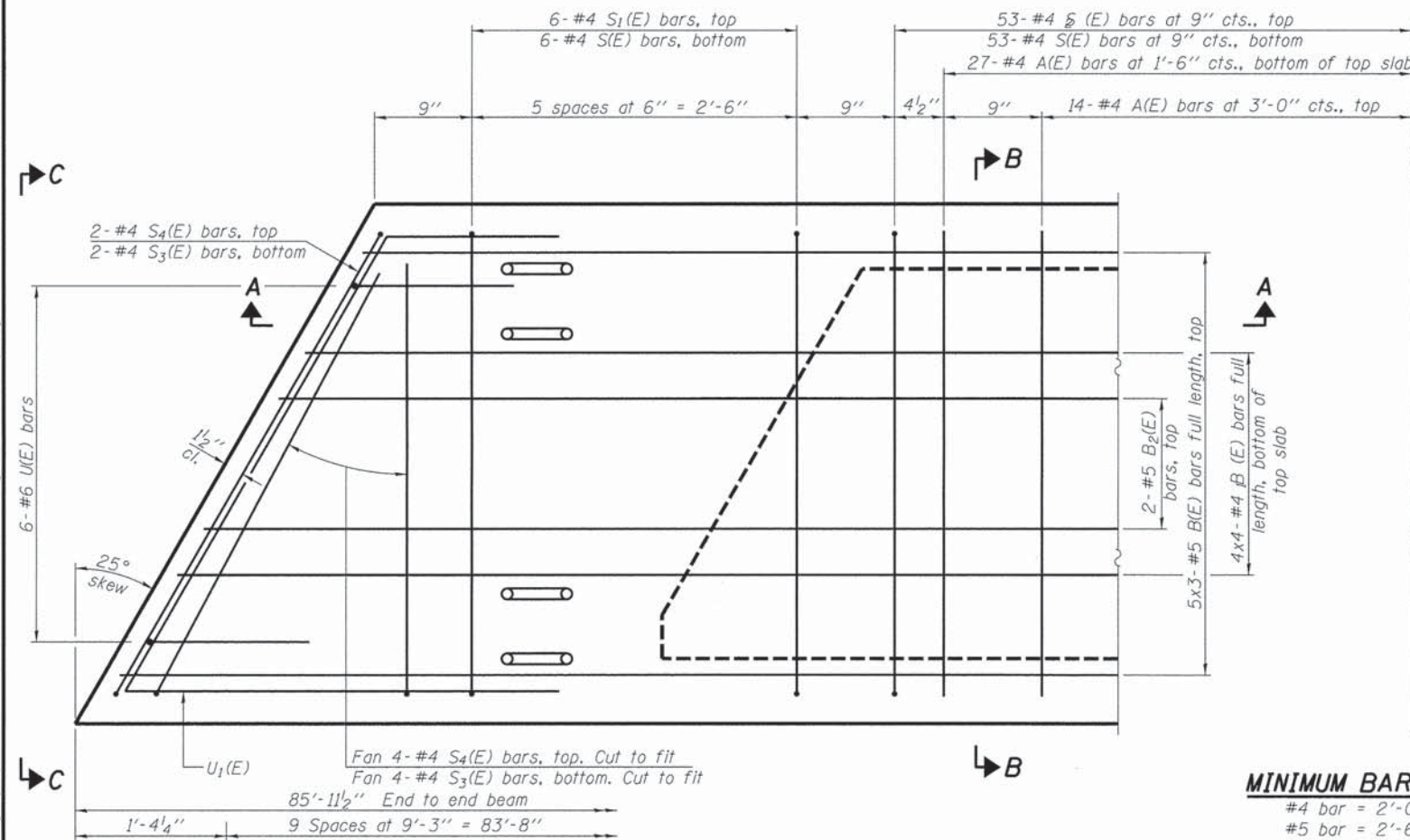
SECTION A-A



SECTION B-B
(Showing dimensions)

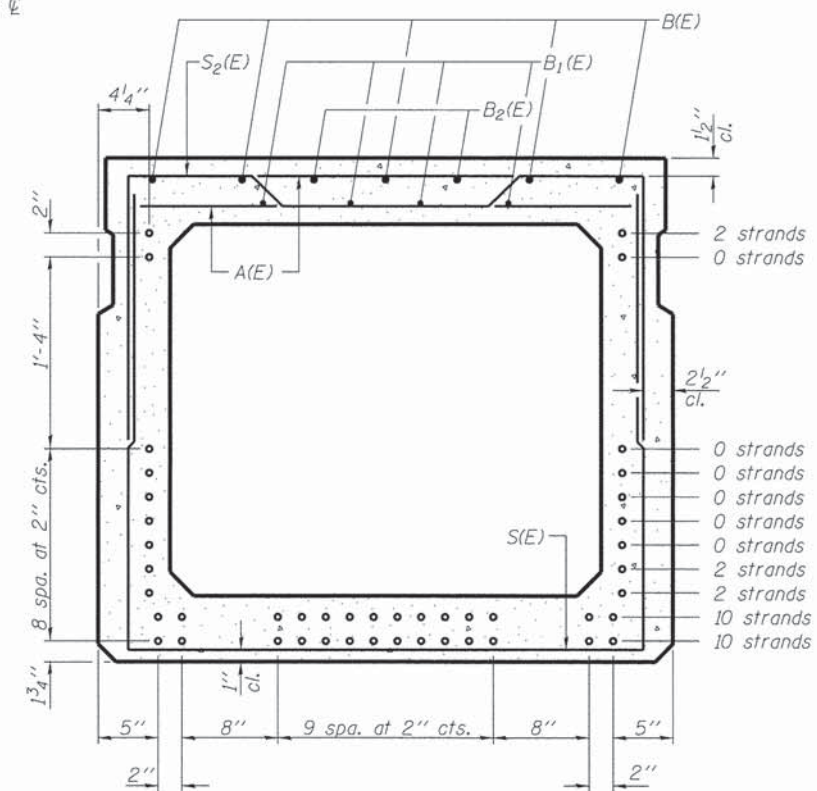


VIEW C-C



PLAN VIEW

Similar about C



SECTION B-B

(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)	80	#4	33'-3"	
B(E)	15	#5	22'-11"	
B1(E)	16	#4	10'-0"	
B2(E)	4	#5	10'-0"	
S(E)	117	#4	9'-11"	
S1(E)	12	#4	7'-3"	
S2(E)	105	#4	7'-6"	
S3(E)	12	#4	6'-0"	
S4(E)	12	#4	4'-8"	
U(E)	12	#6	5'-9"	
U1(E)	8	#4	8'-0"	

Note: See sheet 3 of 7 for additional details and Bill of Material.

MINIMUM BAR LAP

#4 bar = 2'-0"
#5 bar = 2'-6"

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.

PRINTED DATE: 4/18/2014
FILE NAME: N:\Projects\Coles Co Highway Dept\13-564 CH 3 over Polecat Creek\CADD\Drawings\Sheets\B7, CH3 Super.dgn

PD-4248-L

7-1-10



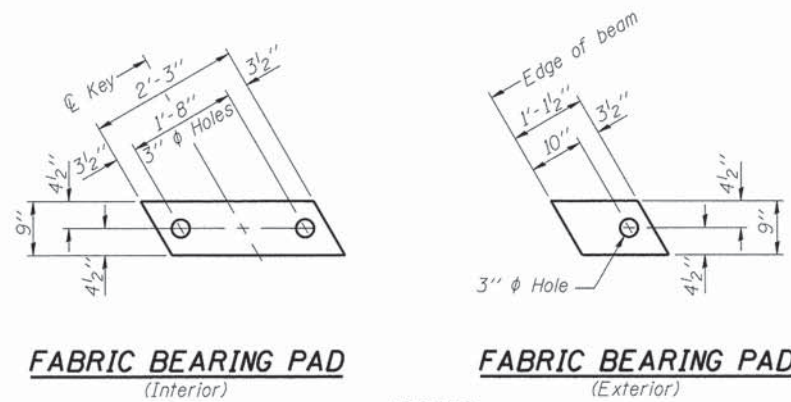
USER NAME = *USER*	DESIGNED - JEH	REVISED -
PLOT SCALE = 0:1.0000 '1" = 1"	CHECKED - DF	REVISED -
PLOT DATE = 4/18/2014	DRAWN - JEH	REVISED -
	CHECKED - DF	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

42" x 48" PPC DECK BEAM
STRUCTURE NO. 015-3429

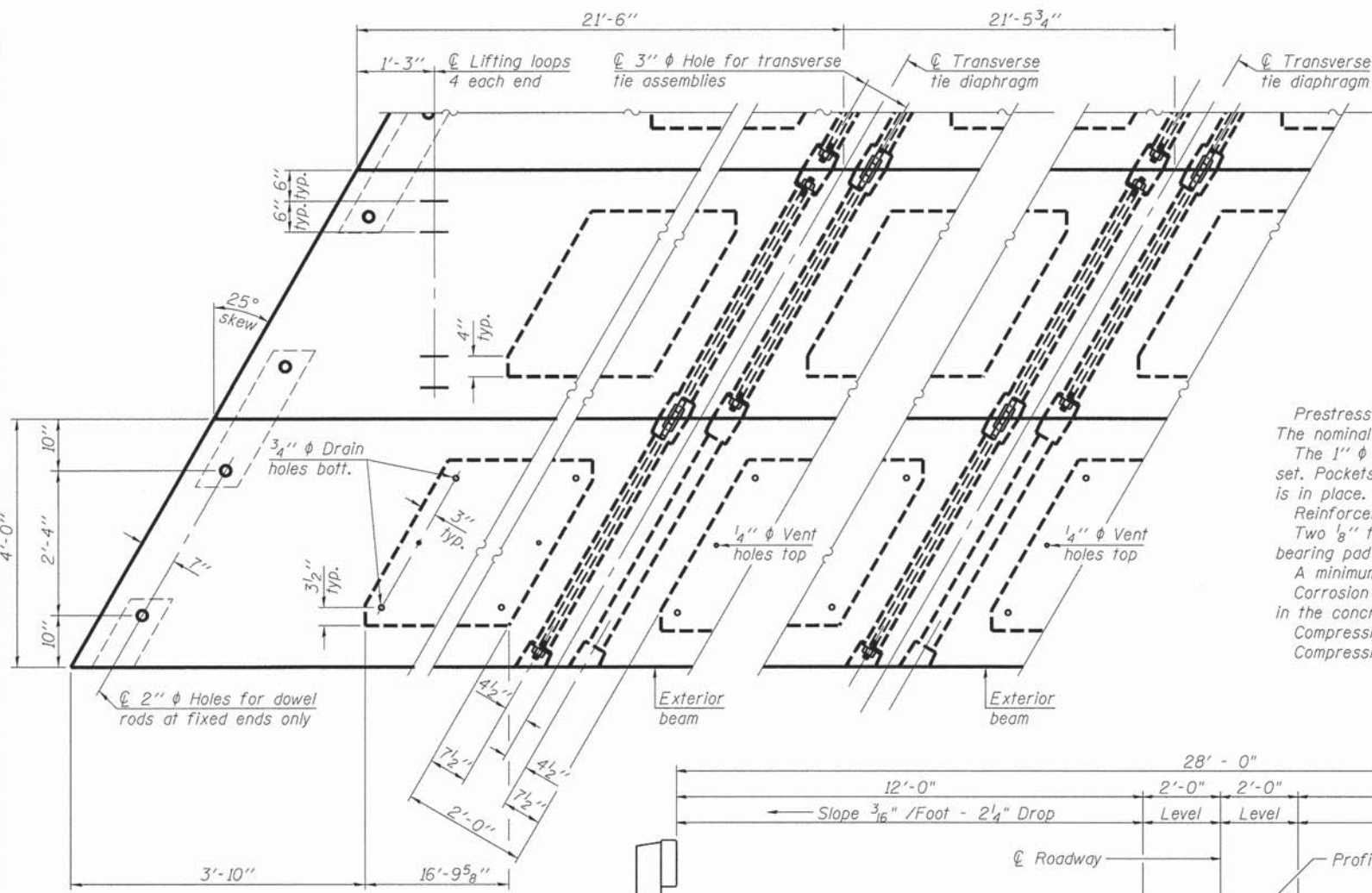
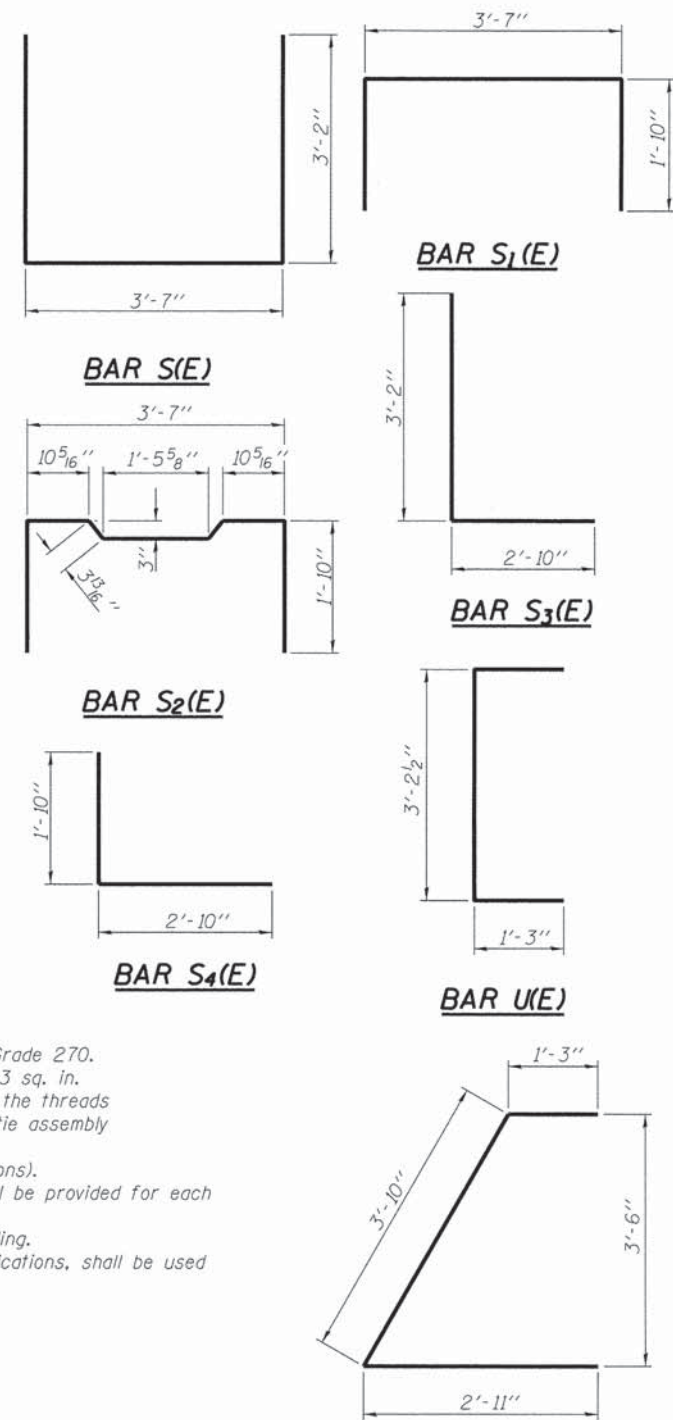
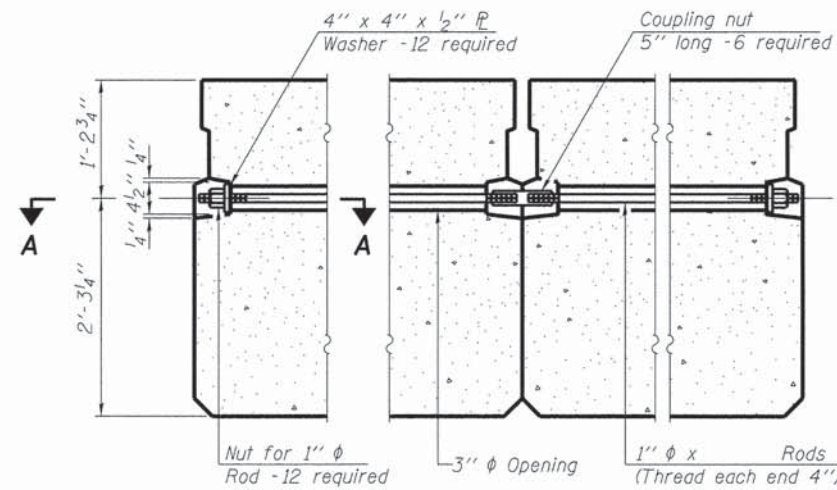
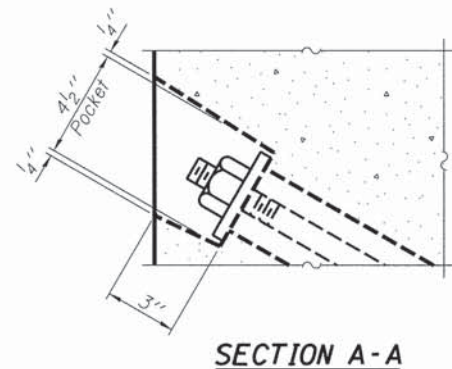
SHEET NO 2 OF 7 SHEETS

CNTY	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3	12-00155-00-BR	COLES	17	7
CONTRACT NO. 95738				
ILLINOIS FED. AID PROJECT				

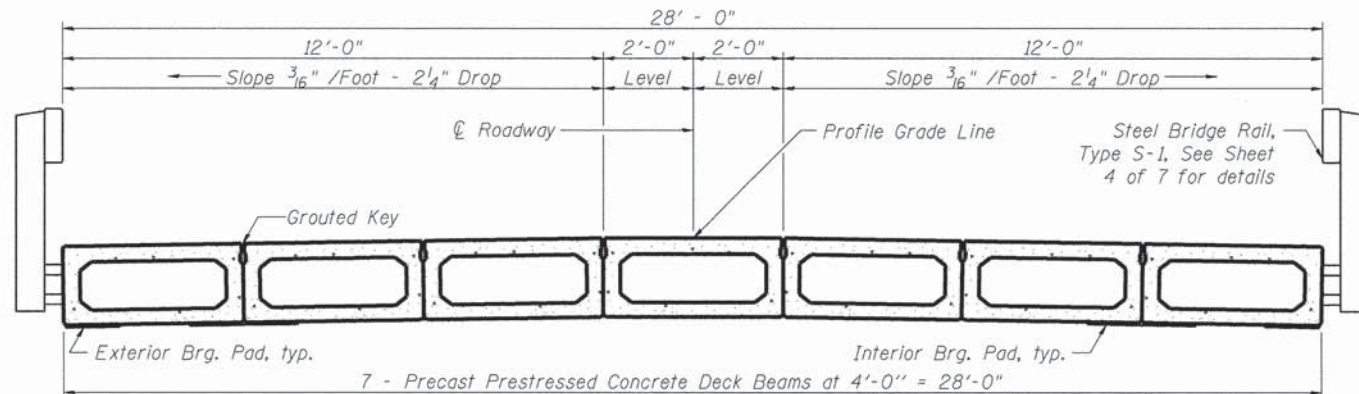


FIXED

Notes:
All bearing pads shall be 1" thick.
Omit holes when using expansion bearings.
Expansion bearing pad shall be bonded to the substructure.



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



NOTES

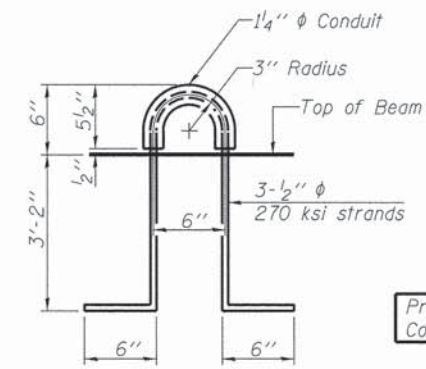
Prestressing steel shall be uncoated high strength, low relaxation 7-wire strand, Grade 270. The nominal diameter shall be 1/2" and the nominal cross-sectional area shall be 0.153 sq. in. The 1" rods in the transverse tie assembly shall be tightened to a snug fit and the threads set. Pockets on exterior faces of bridge shall be filled with grout after transverse tie assembly is in place.

Reinforcement bars shall conform to ASTM A 706, 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. (42" depth)	Sq. Ft.	2407
---	---------	------

PRINTED DATE: 4/18/2014
FILE NAME: N:\Projects\Illinois\42" x 48" PPC Deck Beam Details\08.DWG, Super-Design

PD-4248-LD

7-1-10

ESI
ESI CONSULTANTS, LTD.
Serving the industry since 1970

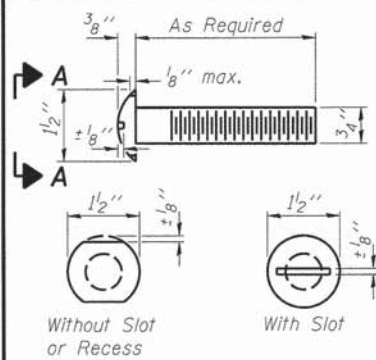
USER NAME = USER*	DESIGNED - JEH	REVISED -
PLOT SCALE = 0.1:0.0000 '1" = 1'-0"	CHECKED - DF	REVISED -
PLOT DATE = 4/18/2014	DRAWN - JEH	REVISED -
	CHECKED - DF	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

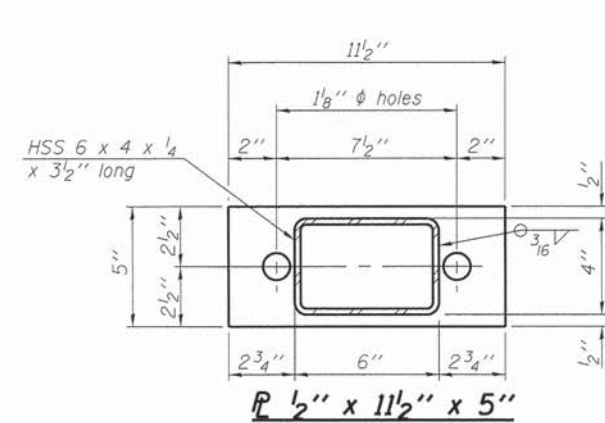
42" x 48" PPC DECK BEAM DETAILS
STRUCTURE NO. 015-3429

SHEET NO 3 OF 7 SHEETS

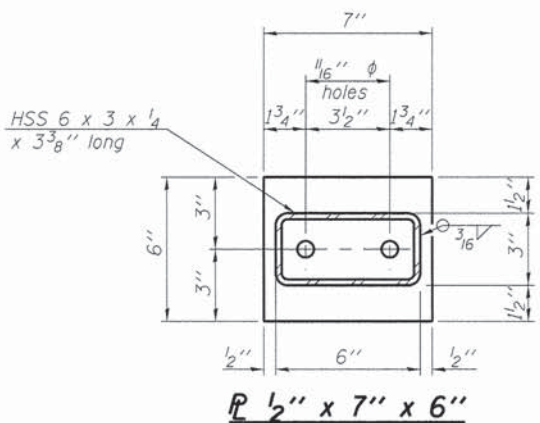
CNTY	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3	12-00155-00-BR	COLES	17	8
CONTRACT NO. 95738				
ILLINOIS FED. AID PROJECT				



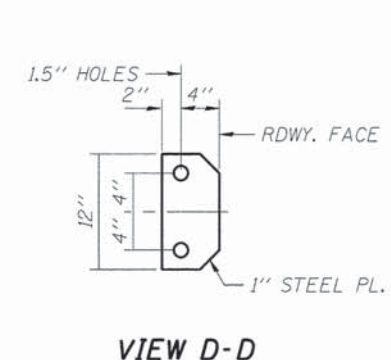
VIEW A-A
ROUND HEAD BOLT



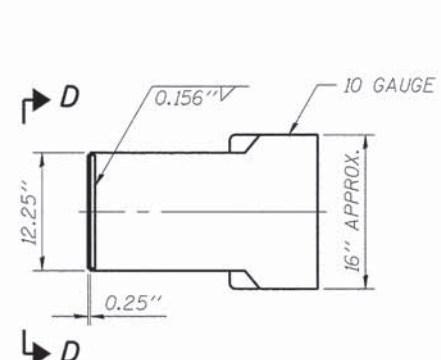
SECTION B-B



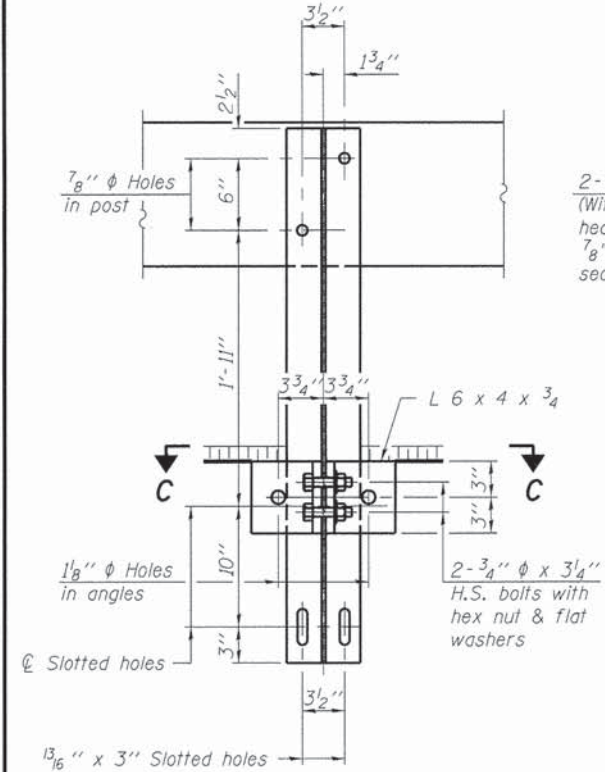
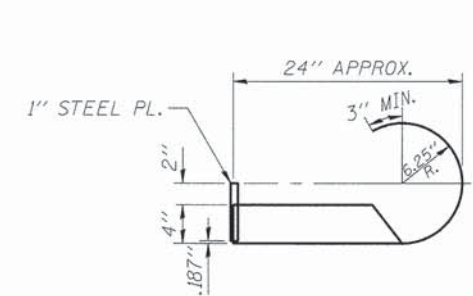
SECTION AT RAILING POST



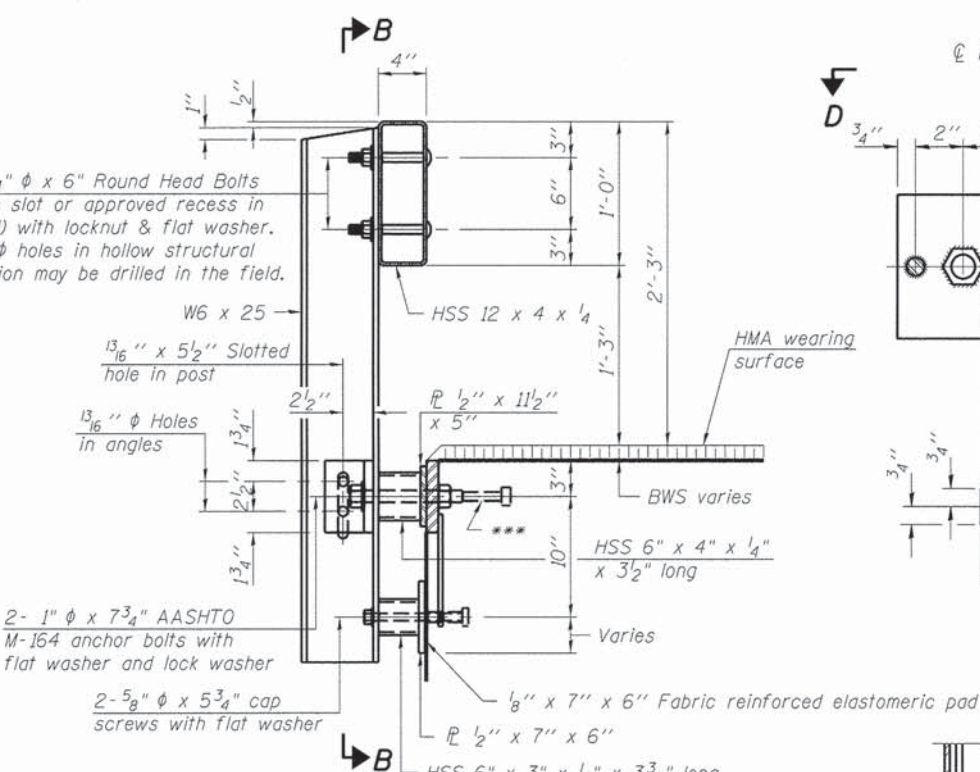
VIEW D-D



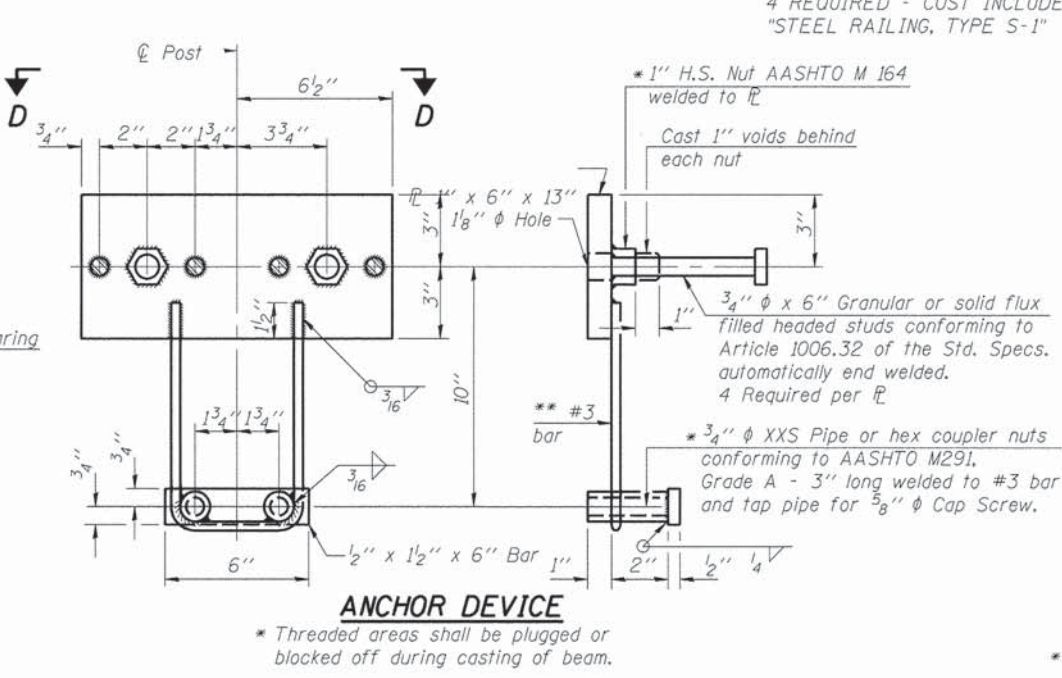
CURLED END SECTION DETAILS



SECTION C-C

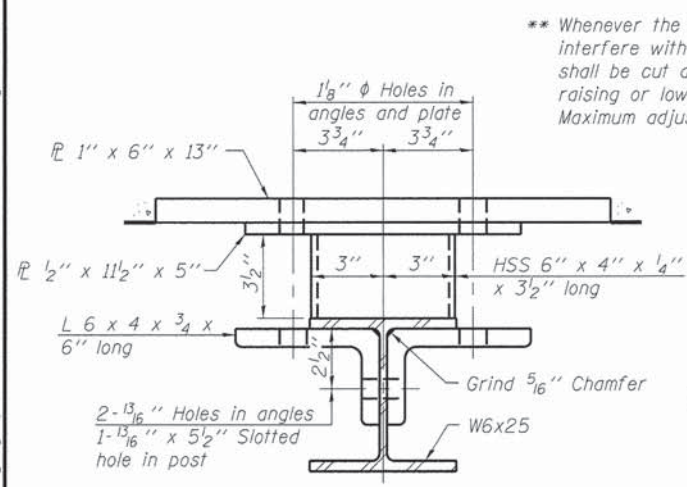


SECTIONS AT RAIL SPLICE

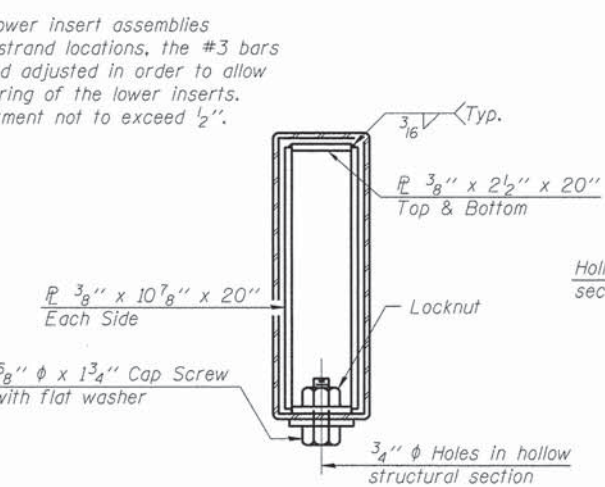


ANCHOR DEVICE

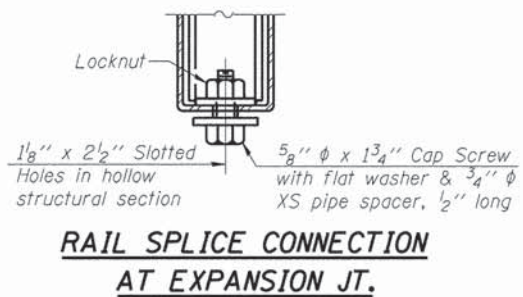
Notes:
All field drilled holes shall be coated with an approved zinc rich paint before erection.
For multi-span bridges, sufficient 1/4 inch x 6 inch x 1-2 inch galvanized steel shims shall be provided to align rail between adjacent spans. Cost included with Steel Railing, Type S-1.
All steel rail elements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



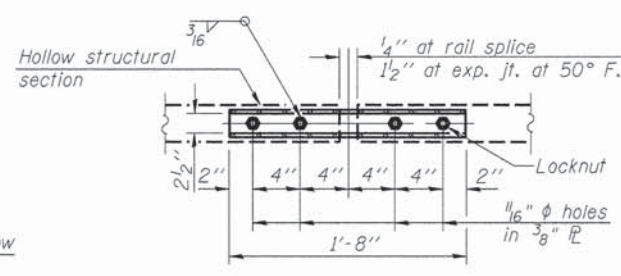
SECTION C-C



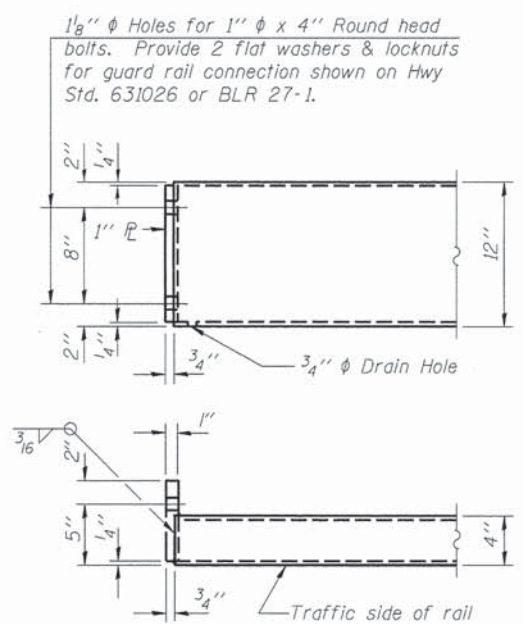
SECTIONS AT RAIL SPLICE



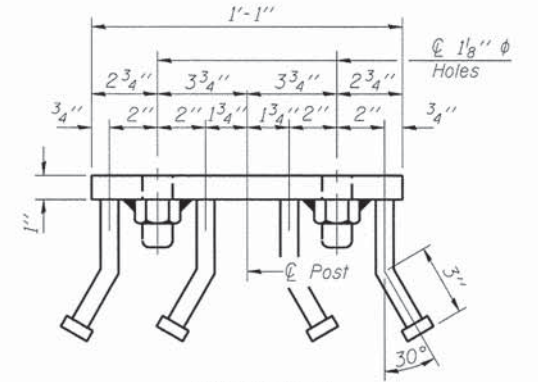
RAIL SPLICE CONNECTION AT EXPANSION JT.



PLAN-BOTT. SPLICE TYPICAL



END OF RAIL DETAILS



VIEW D-D

BILL OF MATERIAL

Item	Unit	Quantity
Steel Railing, Type S-1	Foot	172

R-23A

7-1-10

(10'-9" Maximum Post Spacing)

ESI
ESI CONSULTANTS, LTD.
Engineers, Surveyors, Architects

USER NAME = #USER#
PLOT SCALE = 8:11.0000 1" = 1'-0"
PLOT DATE = 4/18/2014

DESIGNED - JEH
CHECKED - DF
DRAWN - JEH
CHECKED - DF

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STEEL RAILING, TYPE S-1
STRUCTURE NO. 015-3429

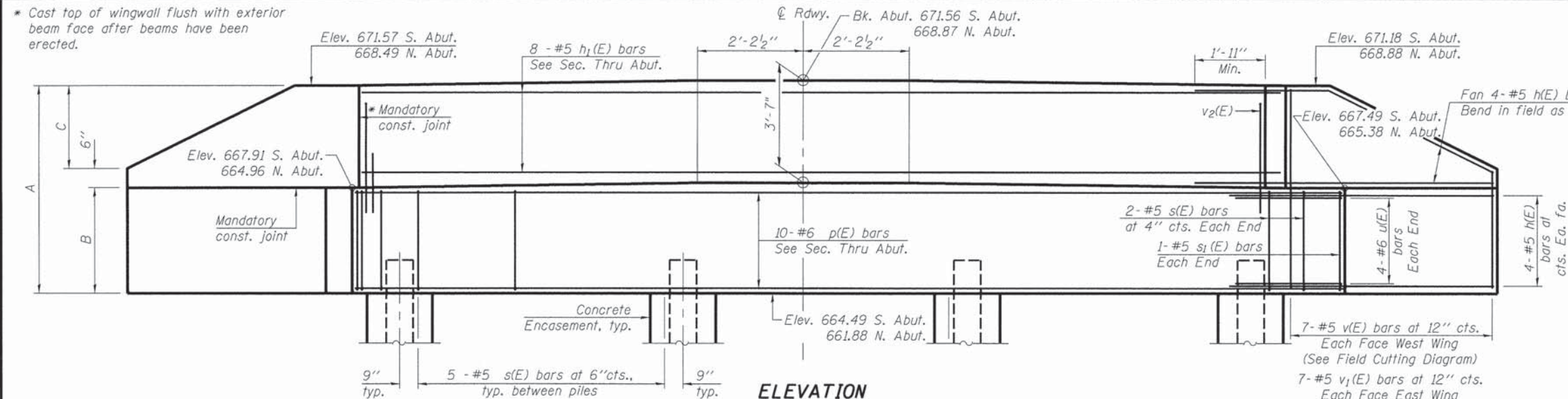
SHEET NO 4 OF 7 SHEETS

CNTY	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3	12-00155-00-BR	COLES	17	9

CONTRACT NO. 95738
ILLINOIS FED. AID PROJECT

PRINTED DATE: 4/18/2014
FILE NAME: N:\Projects\Coles Co Highway Dept\13-564 CH 3 over Polecat Creek\CD\Drawings\Sheets\RS, DRG, Rail.dgn

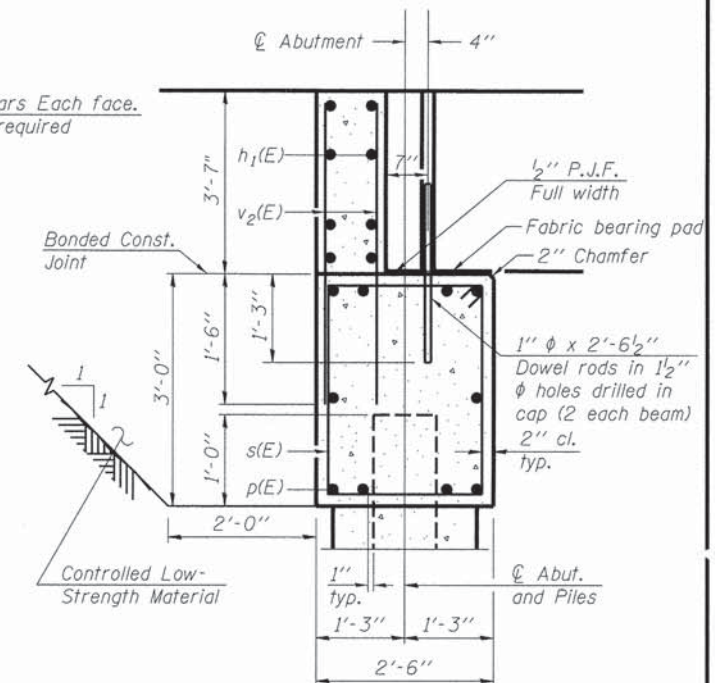
* Cast top of wingwall flush with exterior beam face after beams have been erected.



Location	A	B	C
N. Abut. East Wingwall	6'-7 ⁵ / ₁₆ "	3'-0"	3'-1 ⁵ / ₁₆ "
N. Abut. West Wingwall	7'-0"	3'-5 ¹ / ₁₆ "	3'-6 ⁵ / ₁₆ "
S. Abut. East Wingwall	7'-1"	3'-6"	3'-7"
S. Abut. West Wingwall	6'-8 ¹ / ₄ "	3'-1"	3'-7 ¹ / ₄ "

ELEVATION

Looking South (South Abutment)
Looking North (North Abutment)



SECTION A-A

(Dimensions are at Rt. L's)

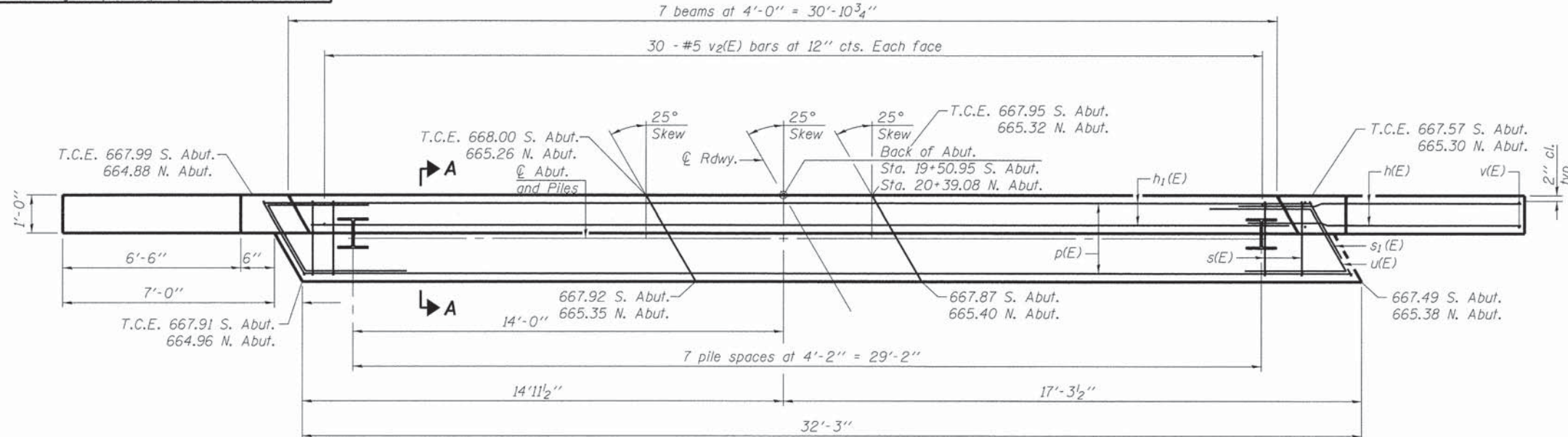
BILL OF MATERIAL

(One Abutment)

Bar	No.	Size	Length	Shape
h(E)	32	#5	9'-7"	—
h1(E)	8	#5	30'-8"	—
p(E)	10	#6	32'-0"	—
s(E)	39	#5	10'-3"	□
s1(E)	2	#5	10'-7"	□
u(E)	8	#6	10'-0"	⌒
v(E)	14	#5	9'-5"	—
v1(E)	14	#5	10'-3"	—
v2(E)	60	#5	4'-10"	—
Structure Excavation			Cu. Yd.	74
Concrete Structures			Cu. Yd.	16.5
Reinforcement Bars, Epoxy Coated			Pound	2210
Furnishing Steel Piles HP 10x42			Foot	343
Driving Piles			Foot	343
Test Pile Steel HP 10x42			Each	2
Concrete Encasement			Cu. Yd.	2.8

Notes:

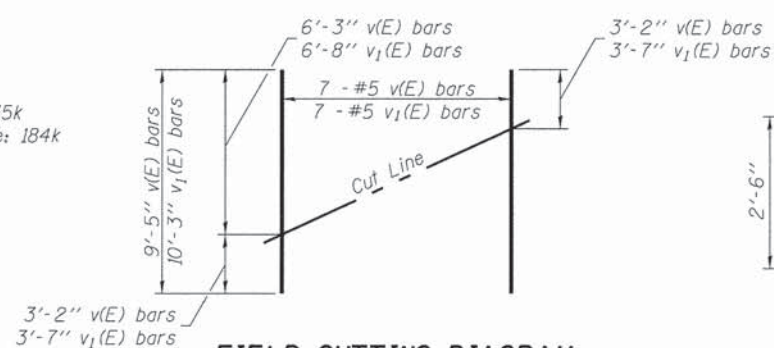
For details of piles and Concrete Encasement, see sheet 6 of 7.
Cast backwall after beams and concrete wearing surface, if applicable, have been erected.



PLAN

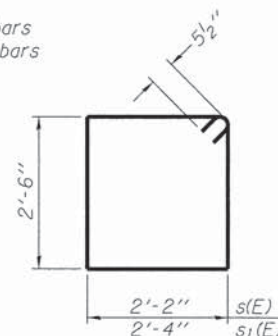
PILE DATA

Type: Steel HP 10x42
Nominal Required Bearing: 335k
Factored Resistance Available: 184k
Est. Length: 49'
No. Production Piles: 14
No. Test Piles: 2

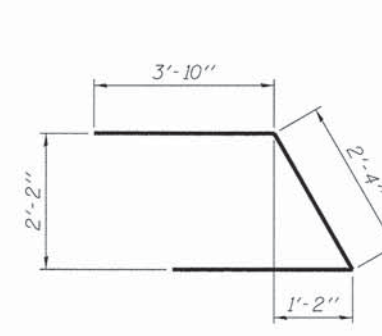


FIELD CUTTING DIAGRAM

Order v(E) full length. Cut as shown and use remainder of bars in opposite face.



BARS s(E) & s1(E)



BAR u(E)

PRINTED DATE: 4/18/2014
FILE NAME: N:\Projects\Codes Co Highway Dept\13-564 CH 3 over Polkcat Creek\CD\Drawings\Sheets\NB CH3 Abut.Dwg

ESI
ESI CONSULTANTS, LTD.
Estimate. Service. Integrity.

USER NAME = *USER*
PLOT SCALE = 0:1.0000 "1" = 1"
PLOT DATE = 4/18/2014

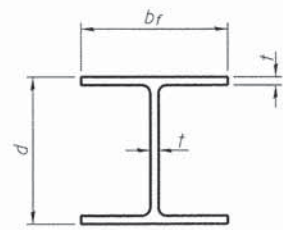
DESIGNED - JEH
CHECKED - DF
DRAWN - JEH
CHECKED - DF
REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ABUTMENTS
STRUCTURE NO. 015-3429

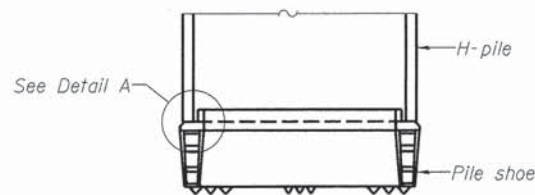
SHEET NO 5 OF 7 SHEETS

CNTY	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
HWY 3	12-00155-00-BR	COLES	17	10
			CONTRACT NO. 95738	
ILLINOIS FED. AID PROJECT				

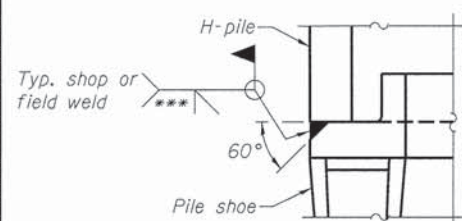


STEEL PILE TABLE

Designation	Depth d	Flange width b _f	Web and Flange thickness t	Encasement diameter A
HP 14x117	14 ¹ / ₄ "	14 ⁷ / ₈ "	1 ³ / ₁₆ "	30"
x102	14"	14 ³ / ₄ "	1 ¹ / ₁₆ "	30"
x89	13 ⁷ / ₈ "	14 ³ / ₄ "	5 ⁵ / ₈ "	30"
x73	13 ⁵ / ₈ "	14 ⁵ / ₈ "	1 ¹ / ₂ "	30"
HP 12x84	12 ¹ / ₄ "	12 ¹ / ₄ "	1 ¹ / ₁₆ "	24"
x74	12 ¹ / ₈ "	12 ¹ / ₄ "	5 ⁵ / ₈ "	24"
x63	12"	12 ¹ / ₈ "	1 ¹ / ₂ "	24"
x53	11 ³ / ₄ "	12"	7 ¹ / ₁₆ "	24"
HP 10x57	10"	10 ¹ / ₄ "	9 ⁹ / ₁₆ "	24"
x42	9 ³ / ₄ "	10 ¹ / ₈ "	7 ¹ / ₁₆ "	24"
HP 8x36	8"	8 ¹ / ₈ "	7 ¹ / ₁₆ "	18"

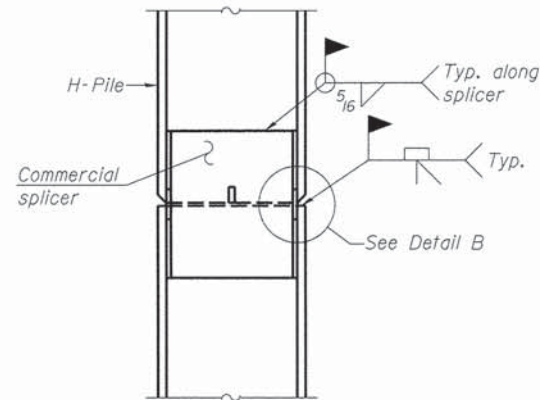


ELEVATION

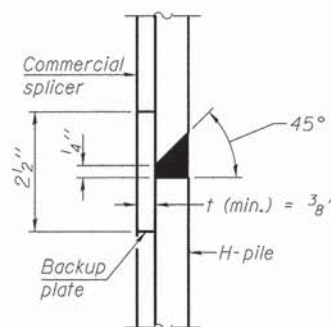


DETAIL A

H-PILE SHOE ATTACHMENT

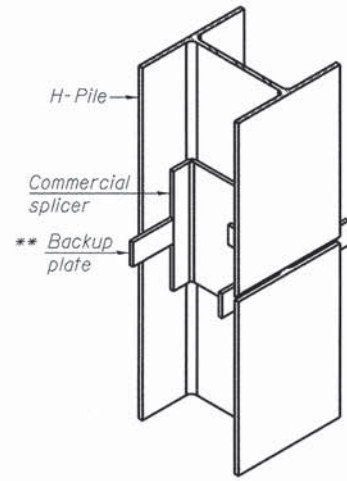


ELEVATION

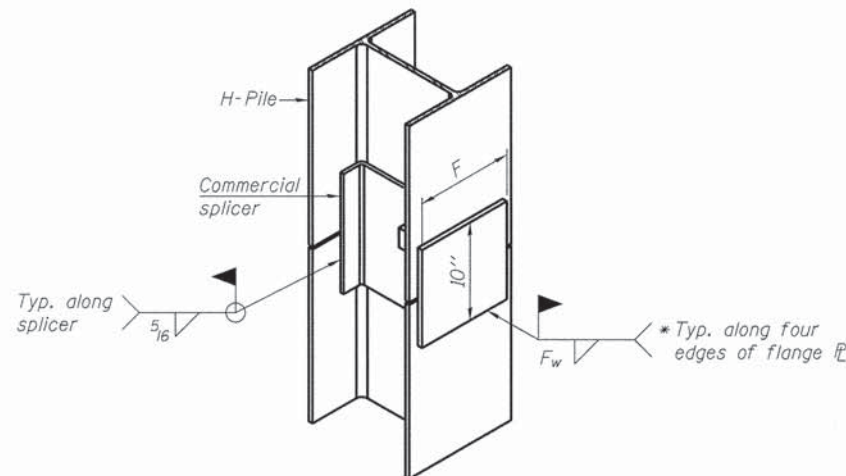


DETAIL "B"

WELDED COMMERCIAL SPLICE



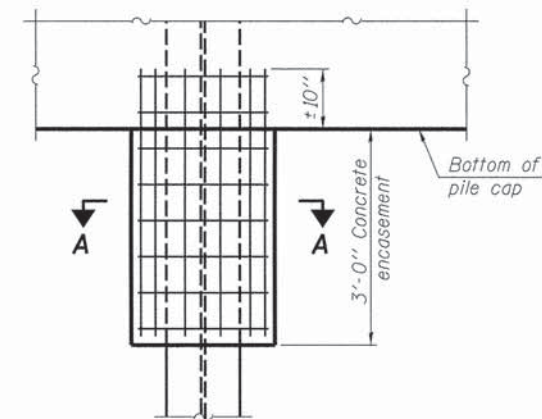
ISOMETRIC VIEW



ISOMETRIC VIEW

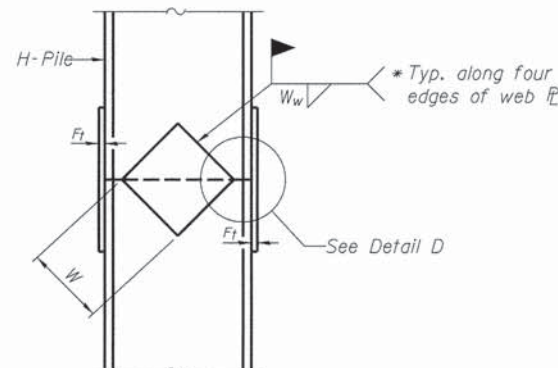
WELDED COMMERCIAL SPLICE ALTERNATE

- * Interrupt welds 1/4" from end of web and/or each flange.
- ** Remove portions of backup plates that extend outside the flanges.
- *** Weld size per pile shoe manufacturer (5/16" min.).

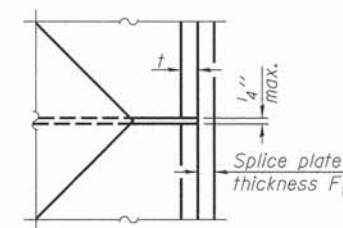


ELEVATION

PILE ENCASEMENT

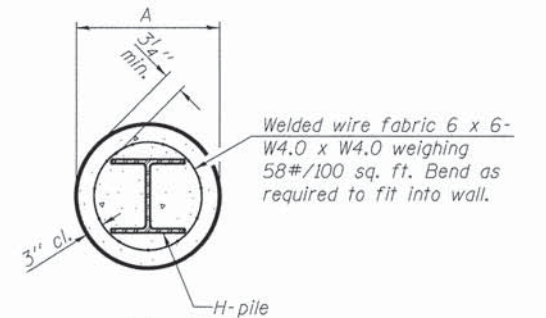


ELEVATION



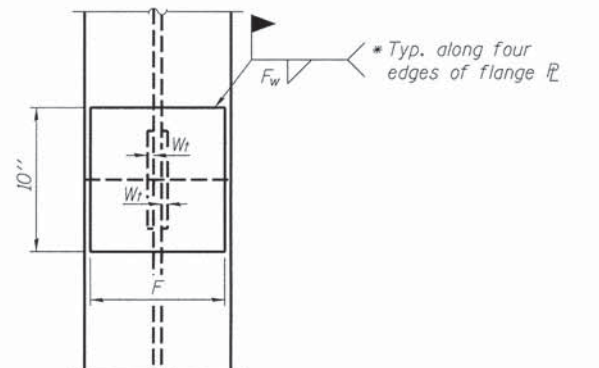
DETAIL D

WELDED PLATE FIELD SPLICE



Note:
Forms for encasement may be omitted when soil conditions permit.

SECTION A-A



END VIEW

Designation	F	F _t	F _w	W	W _t	W _w
HP 14x117	12 ¹ / ₂ "	1"	7 ⁷ / ₈ "	7 ³ / ₄ "	5 ⁵ / ₈ "	1 ¹ / ₂ "
x102	12 ¹ / ₂ "	7 ⁷ / ₈ "	3 ³ / ₄ "	7 ³ / ₄ "	5 ⁵ / ₈ "	1 ¹ / ₂ "
x89	12 ¹ / ₂ "	3 ³ / ₄ "	1 ¹ / ₁₆ "	7 ³ / ₄ "	5 ⁵ / ₈ "	1 ¹ / ₂ "
x73	12 ¹ / ₂ "	5 ⁵ / ₈ "	9 ⁹ / ₁₆ "	7 ³ / ₄ "	5 ⁵ / ₈ "	1 ¹ / ₂ "
HP 12x84	10"	7 ⁷ / ₈ "	1 ¹ / ₁₆ "	6 ¹ / ₂ "	5 ⁵ / ₈ "	1 ¹ / ₂ "
x74	10"	7 ⁷ / ₈ "	1 ¹ / ₁₆ "	6 ¹ / ₂ "	5 ⁵ / ₈ "	1 ¹ / ₂ "
x63	10"	5 ⁵ / ₈ "	1 ¹ / ₂ "	6 ¹ / ₂ "	1 ¹ / ₂ "	3 ³ / ₈ "
x53	10"	5 ⁵ / ₈ "	1 ¹ / ₂ "	6 ¹ / ₂ "	1 ¹ / ₂ "	3 ³ / ₈ "
HP 10x57	8"	3 ³ / ₄ "	9 ⁹ / ₁₆ "	5 ¹ / ₄ "	1 ¹ / ₂ "	3 ³ / ₈ "
x42	8"	5 ⁵ / ₈ "	9 ⁹ / ₁₆ "	5 ¹ / ₄ "	1 ¹ / ₂ "	3 ³ / ₈ "
HP 8x36	7"	5 ⁵ / ₈ "	7 ⁷ / ₁₆ "	4 ¹ / ₄ "	1 ¹ / ₂ "	3 ³ / ₈ "

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

F-HP

1-27-12

ESI
ESI CONSULTANTS, LTD.
Excellence. Service. Integrity.

USER NAME = #USER#
PLOT SCALE = 0.10000 '1" / 10'
PLOT DATE = 4/18/2014

DESIGNED - JEH
CHECKED - DF
DRAWN - JEH
CHECKED - DF

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HP PILE DETAILS
STRUCTURE NO. 015-3429

SHEET NO 6 OF 7 SHEETS

CNTY HWY	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3	12-00155-00-BR	COLES	17	11

CONTRACT NO. 95738
ILLINOIS FED. AID PROJECT

HOLCOMB FOUNDATION ENGINEERING INC.
P.O. Box 88 618-529-5262
Carbondale, IL 62903 618-457-8991 fax Page 1 of 2

Bridge Foundation Boring Log

Project: H-13122 Bridge: CH3 over Polecat Creek Date: 6-17-13
Section: Station: Bored by: B. Schwartz
Structure: 015-3201 Checked By: T. Holcomb
County: Coles

Boring No. 1
Station:
Offset:
Surface Water Elev.
Ground Water Elev. 88.1
During Drilling
Upon Completion 100.1

Elevation	N	Qu	tsf	N	Qu	tsf
Ground Surface 100.1	0					
5" Topsoil						
Brown Sandy CLAY (A-6)						
	12	3.85	11			
	15	4.35	12			
	22	5.55	11			
Gray Sandy CLAY (A-6)						
	10	2.75	11			
Gray CLAY (A-6)						
	16	1.08	21			
Brown Fine to Medium SAND (A-2-4)						
	28	6.85	9			
Gray Sandy CLAY (A-6)						
	12	3.28	12			
	8	1.58	14			
Gray Fine to Medium SAND (A-2-4)						
	18					

N = Standard Penetration Test Blows per foot to drive 2" O.D. Split Spoon Sampler 12" with a 140 lbs. hammer falling 30"
Qu = Unconfined Compressive Strength in tons/sq.ft. w = Water Content - percentage of oven dry weight - %
B = Bulge Failure S = Shear Failure E = Estimated Value P = Penetrometer

HOLCOMB FOUNDATION ENGINEERING INC.
P.O. Box 88 618-529-5262
Carbondale, IL 62903 618-457-8991 fax Page 2 of 2

Bridge Foundation Boring Log

Project: H-13122 Bridge: CH3 over Polecat Creek Date: 6-17-13
Section: Station: Bored by: B. Schwartz
Structure: 015-3201 Checked By: T. Holcomb
County: Coles

Boring No. 1
Station:
Offset:
Surface Water Elev.
Ground Water Elev. 88.1
During Drilling
Upon Completion 100.1

Elevation	N	Qu	tsf	N	Qu	tsf
clay (continued)						
Gray SHALE						
End of Boring @ -54.0'						

N = Standard Penetration Test Blows per foot to drive 2" O.D. Split Spoon Sampler 12" with a 140 lbs. hammer falling 30"
Qu = Unconfined Compressive Strength in tons/sq.ft. w = Water Content - percentage of oven dry weight - %
B = Bulge Failure S = Shear Failure E = Estimated Value P = Penetrometer

HOLCOMB FOUNDATION ENGINEERING INC.
P.O. Box 88 618-529-5262
Carbondale, IL 62903 618-457-8991 fax Page 1 of 2

Bridge Foundation Boring Log

Project: H-13122 Bridge: CH3 over Polecat Creek Date: 6-17-13
Section: Station: Bored by: B. Schwartz
Structure: 015-3201 Checked By: T. Holcomb
County: Coles

Boring No. 2
Station:
Offset:
Surface Water Elev.
Ground Water Elev. 84.4
During Drilling
Upon Completion 97.4

Elevation	N	Qu	tsf	N	Qu	tsf
Ground Surface 98.4	0					
5" Topsoil						
Brown Sandy CLAY (A-6)						
	12					
	2	0.95	22			
	2	1.08	21			
	3	0.68	25			
Gray Sandy CLAY (A-6)						
	8	2.68	12			
	15	6	1.08	14		
Gray Fine to Medium SAND (A-2-4)						
	16					
	25					
	26					

N = Standard Penetration Test Blows per foot to drive 2" O.D. Split Spoon Sampler 12" with a 140 lbs. hammer falling 30"
Qu = Unconfined Compressive Strength in tons/sq.ft. w = Water Content - percentage of oven dry weight - %
B = Bulge Failure S = Shear Failure E = Estimated Value P = Penetrometer

HOLCOMB FOUNDATION ENGINEERING INC.
P.O. Box 88 618-529-5262
Carbondale, IL 62903 618-457-8991 fax Page 2 of 2

Bridge Foundation Boring Log

Project: H-13122 Bridge: CH3 over Polecat Creek Date: 6-17-13
Section: Station: Bored by: B. Schwartz
Structure: 015-3201 Checked By: T. Holcomb
County: Coles

Boring No. 2
Station:
Offset:
Surface Water Elev.
Ground Water Elev. 84.4
During Drilling
Upon Completion 97.4

Elevation	N	Qu	tsf	N	Qu	tsf
shale (continued)						
End of Boring @ -49.0'						

N = Standard Penetration Test Blows per foot to drive 2" O.D. Split Spoon Sampler 12" with a 140 lbs. hammer falling 30"
Qu = Unconfined Compressive Strength in tons/sq.ft. w = Water Content - percentage of oven dry weight - %
B = Bulge Failure S = Shear Failure E = Estimated Value P = Penetrometer



USER NAME = #USER#
PLOT SCALE = 0.010000 '1' / 1" = 1'
PLOT DATE = 4/18/2014

DESIGNED - JEH
CHECKED - DF
DRAWN - JEH
CHECKED - DF

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORING LOGS
STRUCTURE NO. 015-3429

SHEET NO 7 OF 7 SHEETS

CNTY	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
HWY 3	12-00155-00-BR	COLES	17	12

CONTRACT NO. 95738
ILLINOIS FED. AID PROJECT

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

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

PRINTED DATE: 4/18/2014
FILE NAME: N:\Projects\Coles Co Highway Dept\13-504 CH 3 over Polecat Creek\13-504 CH 3 over Polecat Creek\Drawings\Sheets\13 CH3 CH3 X-Sections.dgn



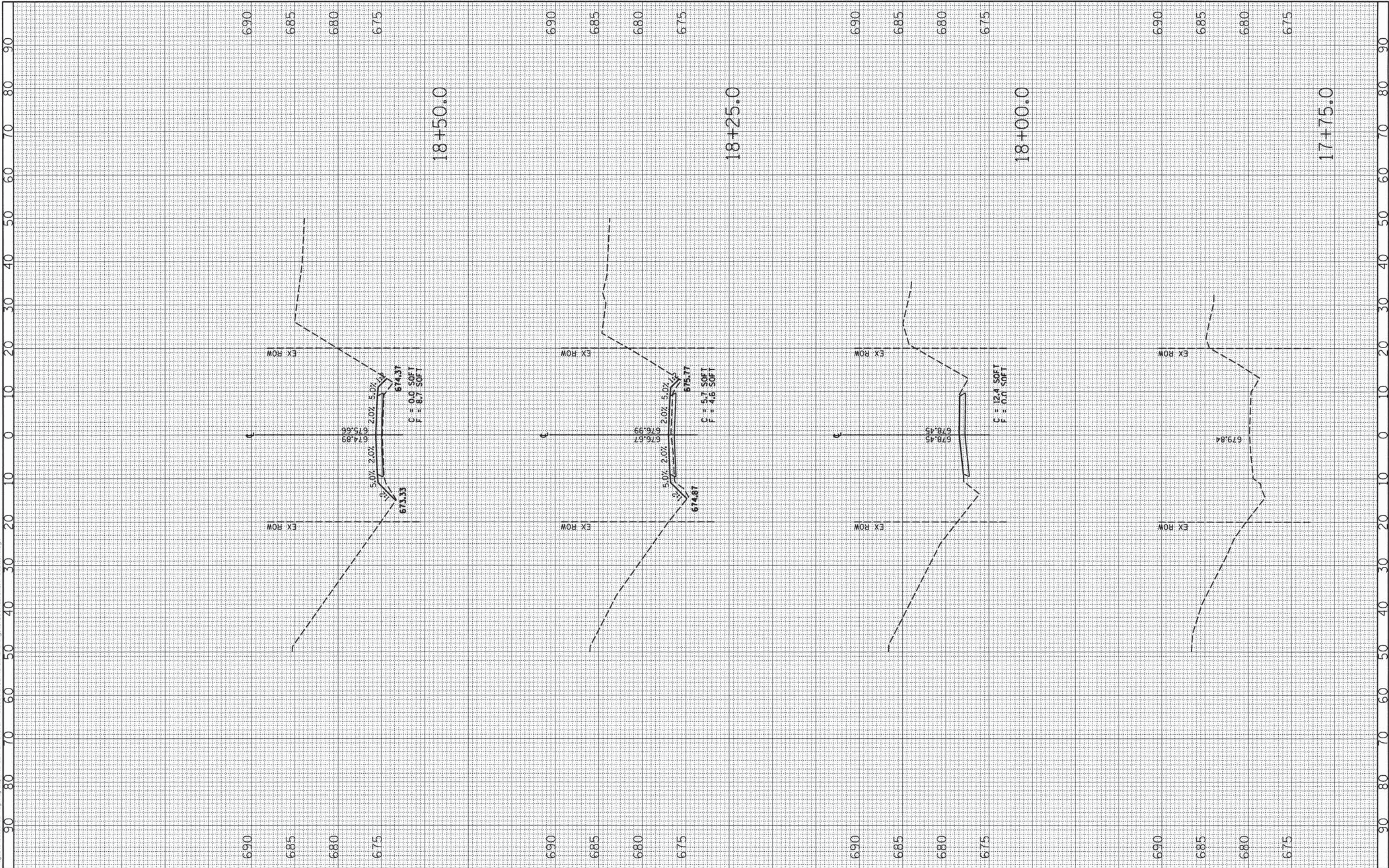
USER NAME = \$USER\$	DESIGNED - JEH	REVISED -
PLOT SCALE = 10.0000' / 1"	DRAWN - JEH	REVISED -
PLOT DATE = 4/18/2014	CHECKED - DF	REVISED -
	DATE - 04-18-2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS-SECTIONS

SCALE: 1"=10' 1"=5' SHEET NO 1 OF 5 SHEETS STA 17+75.0 TO STA 18+50.0

Cnty Hwy	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3	12-00155-00-BR	COLES	17	13
			CONTRACT NO 95738	
			ILLINOIS FEDERAL AID PROJECT	



FINAL SURVEY NOTE BOOK NO.	SURVEYED DATE	BY	DATE

ORIGINAL SURVEY NOTE BOOK NO.	SURVEYED DATE	BY	DATE

PRINTED DATE: 4/18/2014
FILE NAME: N:\Projects\Coles Co Highway Dept\13-584 Ch 3 over Polecat Creek\CADD\Drawings\Sheets\13_CH3_X-Sections.dgn



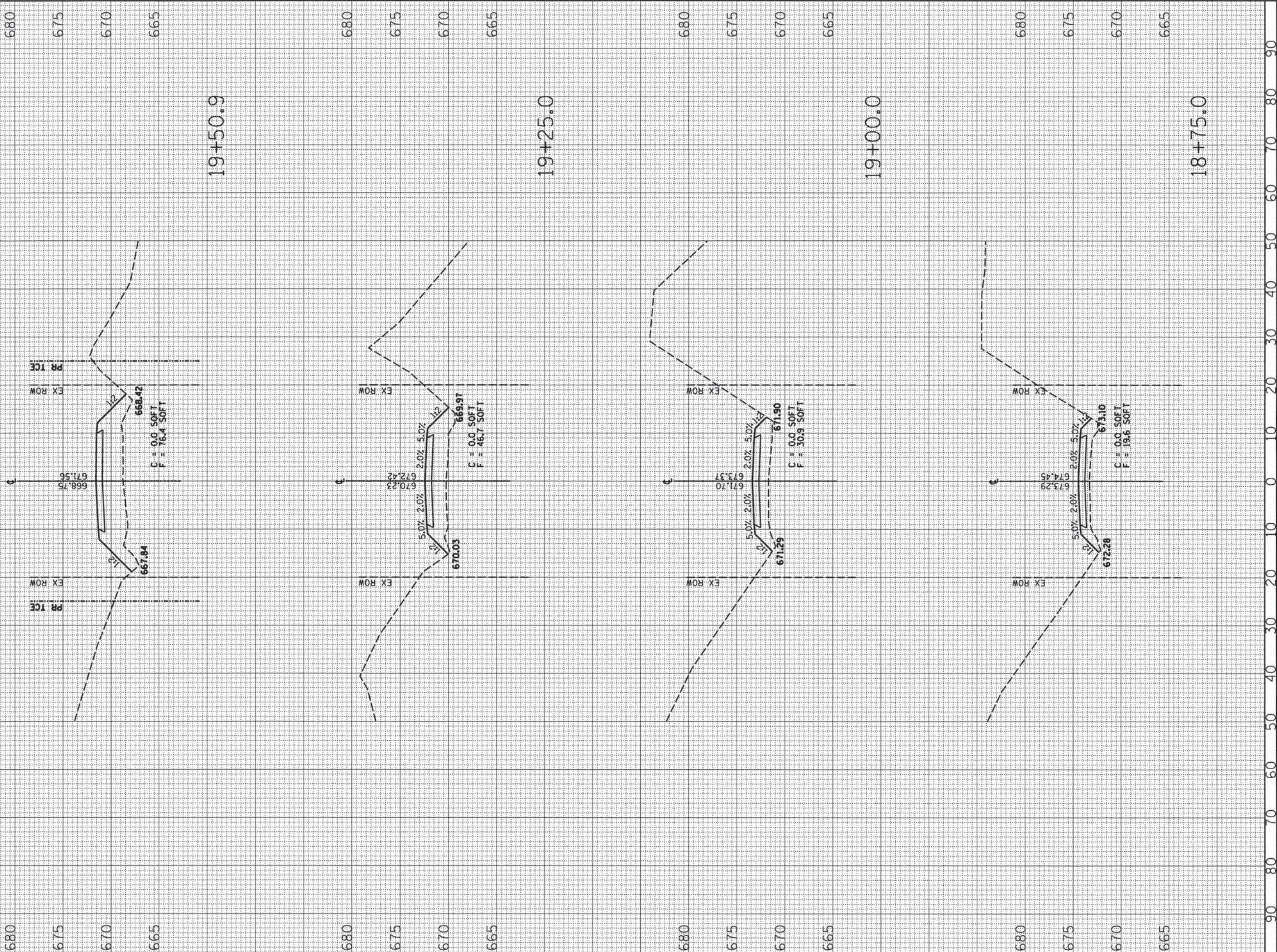
USER NAME = #USER#	DESIGNED - JEH	REVISED -
PLOT SCALE = 10.0000' / 1"	DRAWN - JEH	REVISED -
PLOT DATE = 4/18/2014	CHECKED - DF	REVISED -
	DATE - 04-18-2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS-SECTIONS

SCALE: 1"=10' 1"=5' SHEET NO 2 OF 5 SHEETS STA 18+75.0 TO STA 19+50.9

Cnty Hwy	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3	12-00155-00-BR	COLES	17	14
CONTRACT NO 95738				
ILLINOIS FEDERAL AID PROJECT				



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

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

PRINTED DATE: 4/18/2014
FILE NAME: N:\Projects\Coles Co Highway Dept\13-504 Dtl 3 over Polecat Creek\CADD\Drawings\Sheets\13_Cr3_X-Sections.dgn



USER NAME = #USER#
PLOT SCALE = 10.0000' / 1"
PLOT DATE = 4/18/2014

DESIGNED - JEH
DRAWN - JEH
CHECKED - DF
DATE - 04-18-2014

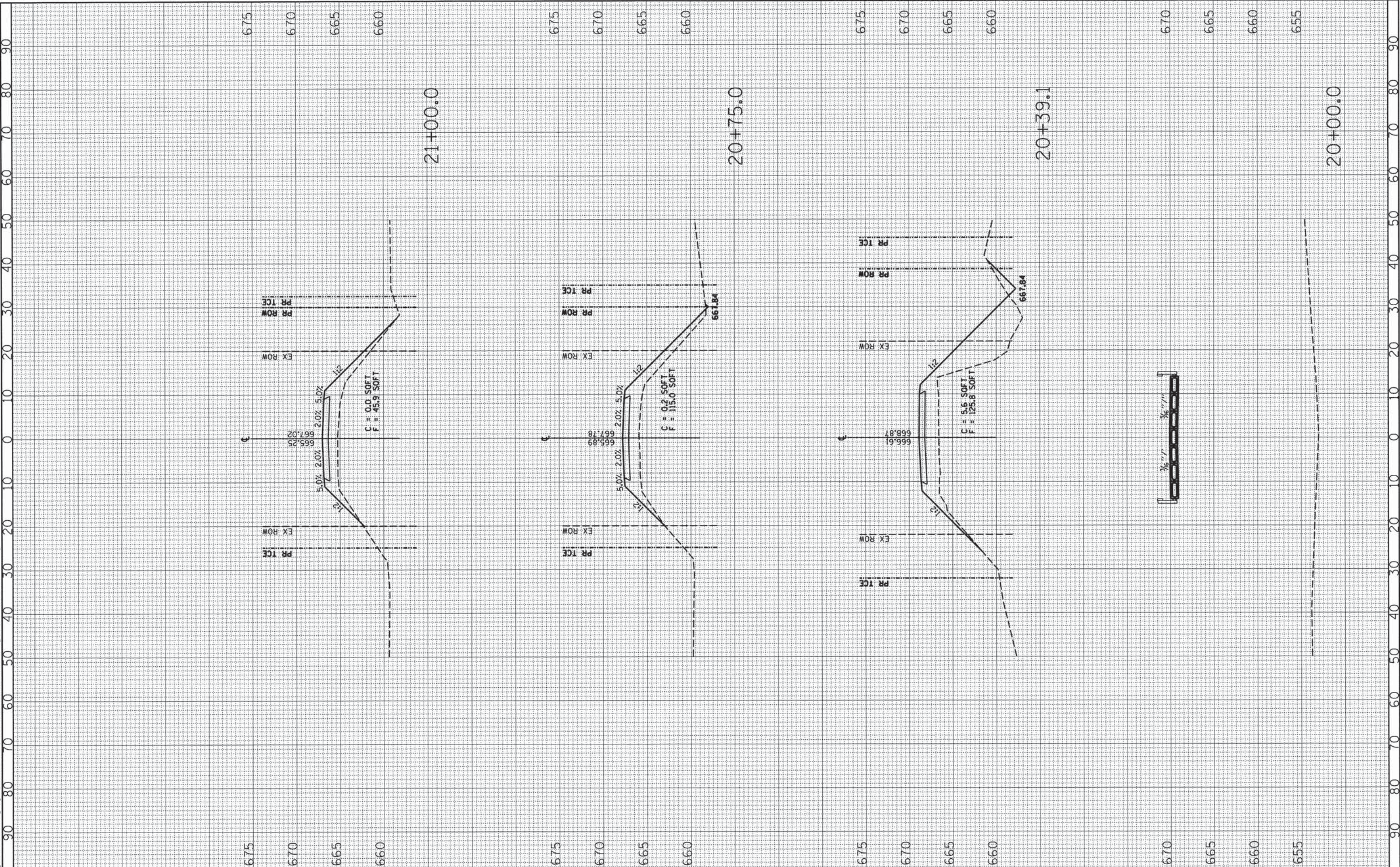
REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS-SECTIONS

SCALE: 1"=10' 1"=5' SHEET NO 3 OF 5 SHEETS STA 20+00.0 TO STA 21+00.0

City	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3	12-00155-00-BR	COLES	17	15
CONTRACT NO 95738				
ILLINOIS FEDERAL AID PROJECT				



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

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

PRINTED DATE: 4/18/2014
FILE NAME: N:\Projects\Colles Co Highway Bnps\13-264 CH 3 over Polecat Creek\CD00\Drawings\Sheets\13 CH3 X-Sections.dgn



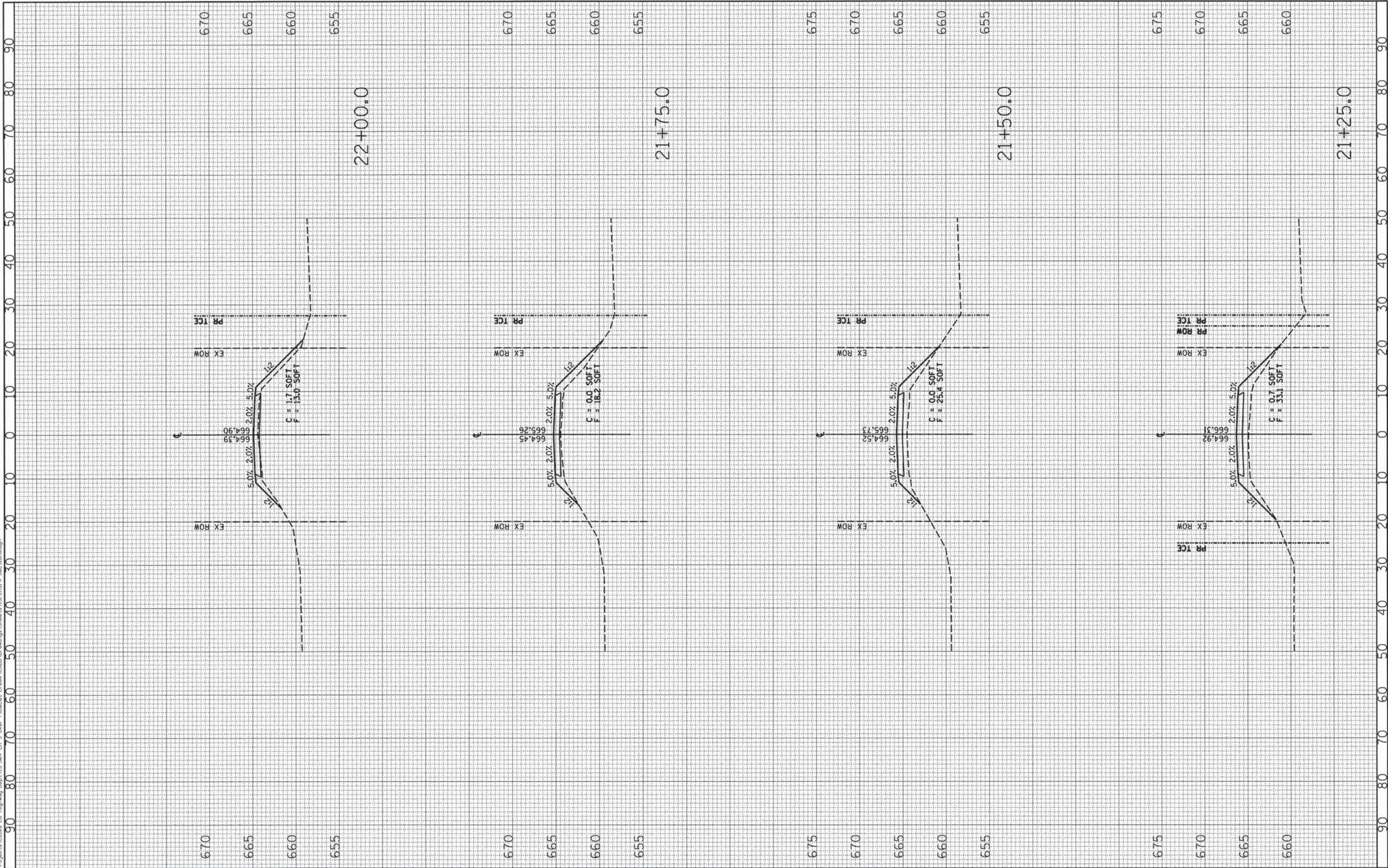
USER NAME = \$USER\$	DESIGNED - JEH	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN - JEH	REVISED -
PLOT DATE = 4/18/2014	CHECKED - DF	REVISED -
	DATE - 04-18-2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS-SECTIONS

SCALE: 1"=10' 1"=5' SHEET NO 4 OF 5 SHEETS STA 21+25.0 TO STA 22+00.0

Cnty Hwy	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3	12-00155-00-BR	COLES	17	16
CONTRACT NO 95738				
ILLINOIS FEDERAL AID PROJECT				



FINAL SURVEY	SURVEYED FLOTTED TEMPLATE	BY	DATE
NO.	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED FLOTTED TEMPLATE	BY	DATE
NO.	AREAS CHECKED		

PRINTED DATE: 4/18/2014
FILE NAME: N:\P\o\sect\Coles Co Highway Dept\13-504 CH 3 over Polecat Creek\AutoDrawings\Sheets\13_Ch3_X-Sections.dgn



USER NAME = #USER#
PLOT SCALE = 10.0000' / in.
PLOT DATE = 4/18/2014

DESIGNED - JEH
DRAWN - JEH
CHECKED - DF
DATE - 04-18-2014

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS-SECTIONS

SCALE: 1"=10' 1"=5' SHEET NO 5 OF 5 SHEETS STA 22+25.0 TO STA 22+75.0

Cnty Hwy 3	SECTION 12-00155-00-BR	COUNTY COLES	TOTAL SHEETS 17	SHEET NO 17
ILLINOIS/FEDERAL AID PROJECT			CONTRACT NO 95738	