

06-16-2017 LETTING ITEM 183

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
PLANS FOR PROPOSED
SURFACE TRANSPORTATION PROGRAM – BRIDGE
SCOTT COUNTY

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TR 60	02-07115-00-BR	SCOTT	25	1
FED. ROAD DIST. NO. 7		ILLINOIS	CONTRACT NO. 93661	

INDEX OF SHEETS

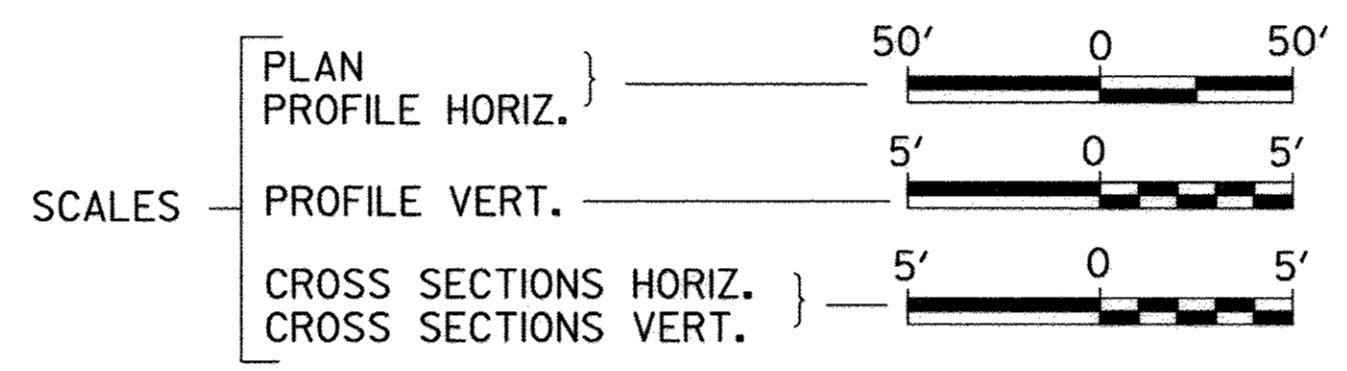
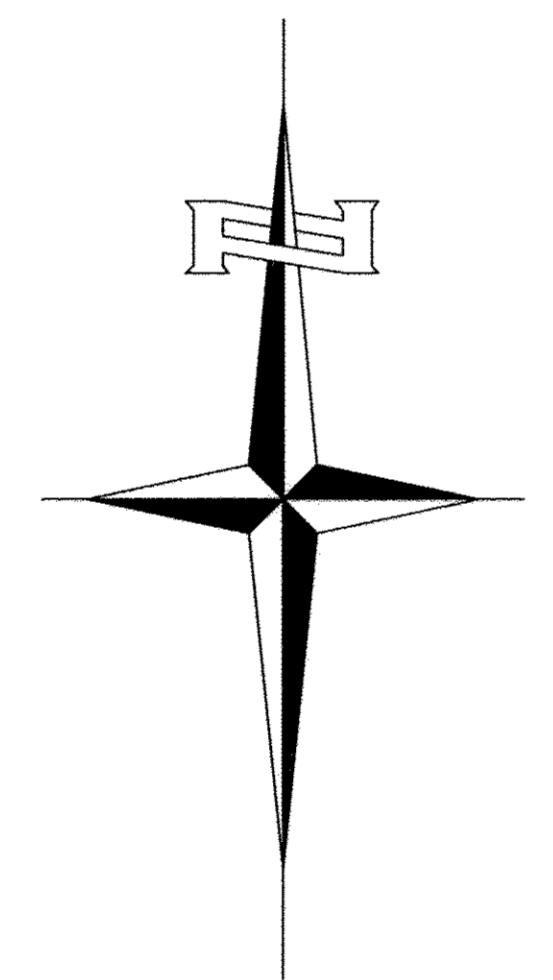
SHEET NO.	DESCRIPTION
1.	COVER SHEET
2.	GENERAL NOTES, DETAILS, TYPICAL SECTIONS
3.	SUMMARY OF QUANTITIES, & SCHEDULES OF QUANTITIES
4.	TRAFFIC CONTROL PLAN
5.	STORM WATER POLLUTION PREVENTION PLAN
6.	PLAN AND PROFILE
7.-16.	STRUCTURE PLANS
17.-25.	CROSS SECTIONS

ROAD DISTRICT NO. 7 SECTION 02-07115-00-BR
TOWNSHIP ROAD 60 OVER MAUVAISE TERRE CREEK
PROJECT NO. BROS-0171(038)
JOB NUMBER C-96-203-16



REQUIRED HIGHWAY STANDARDS

- 000001-06
- 280001-07
- 515001-03
- 701901-06
- 725001-01
- BLR 21-9

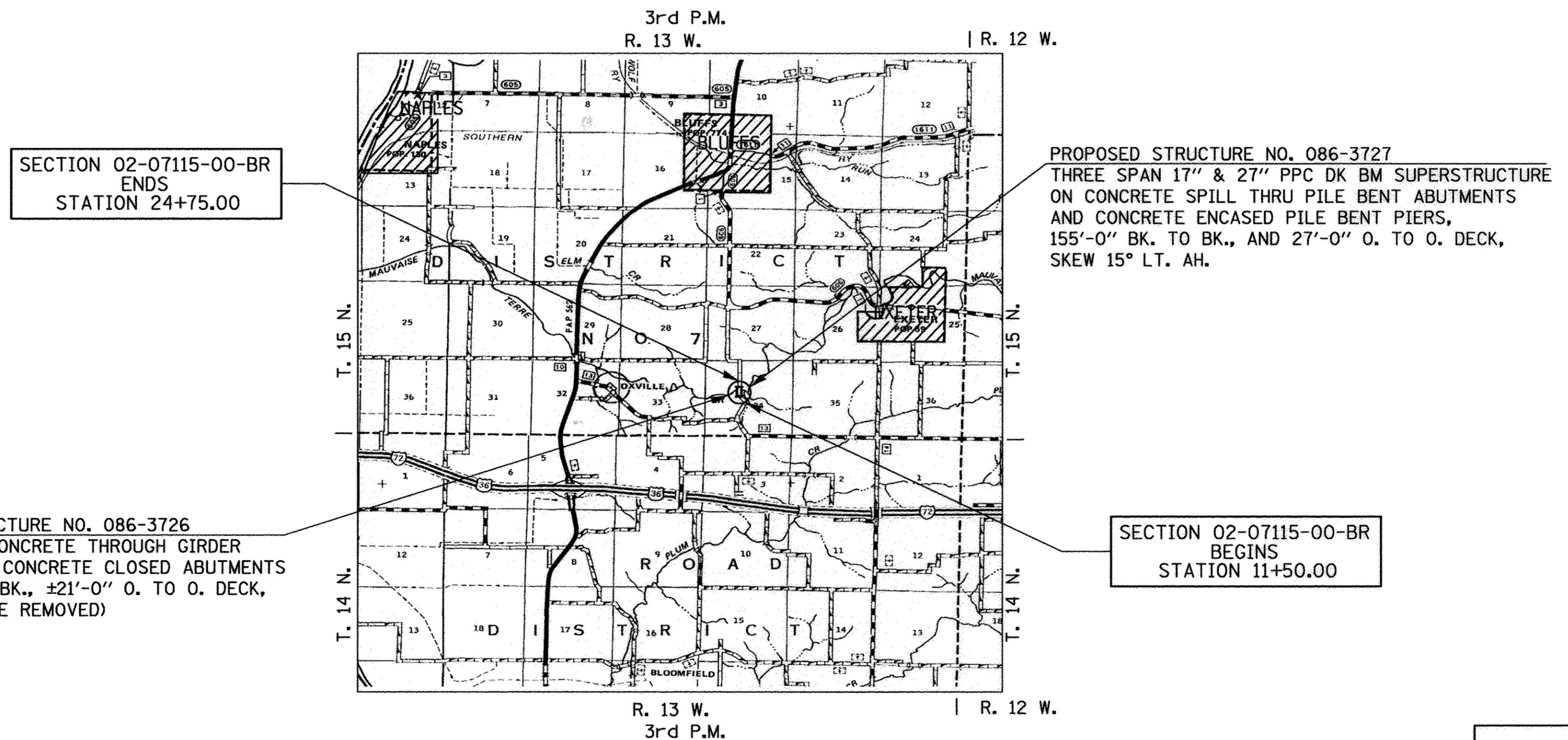


UTILITY COMPANIES
 FRONTIER COMMUNICATIONS
 JACKSONVILLE, ILLINOIS
 ILLINOIS RURAL ELECTRIC
 WINCHESTER, ILLINOIS

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

ROAD DISTRICT NO. 7

CONTRACT NO. 93661



NET LENGTH OF PROJECT = 1,325.00 FEET = 0.251 MILES
 DESIGN CLASSIFICATION: LOCAL ROAD (NON-URBAN)
 DESIGN ADT: 50 (2017)
 DESIGN SPEED: 30 MPH

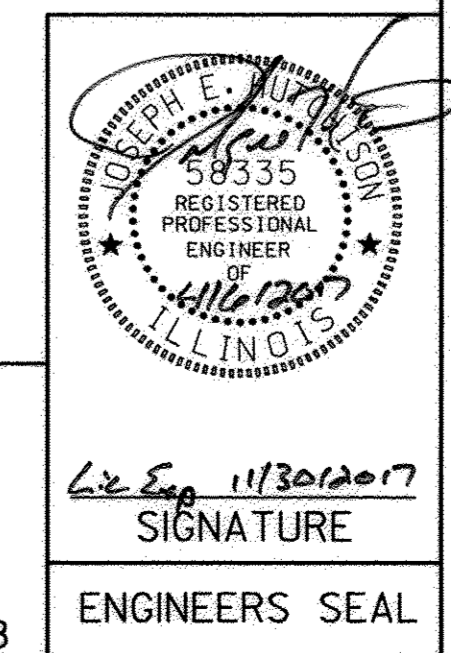
Hutchison Engineering, Inc.
 JACKSONVILLE-SHOREWOOD-PEORIA
 2017 JOB#3398

PROPOSED STRUCTURE NO. 086-3727
 THREE SPAN 17' & 27' PPC DK BM SUPERSTRUCTURE ON CONCRETE SPILL THRU PILE BENT ABUTMENTS AND CONCRETE ENCASED PILE BENT PIERS, 155'-0" BK. TO BK., AND 27'-0" O. TO O. DECK, SKEW 15° LT. AH.

EXISTING STRUCTURE NO. 086-3726
 SINGLE SPAN CONCRETE THROUGH GIRDER STRUCTURE ON CONCRETE CLOSED ABUTMENTS 63'-0" BK. TO BK., ±21'-0" O. TO O. DECK, NO SKEW (TO BE REMOVED)

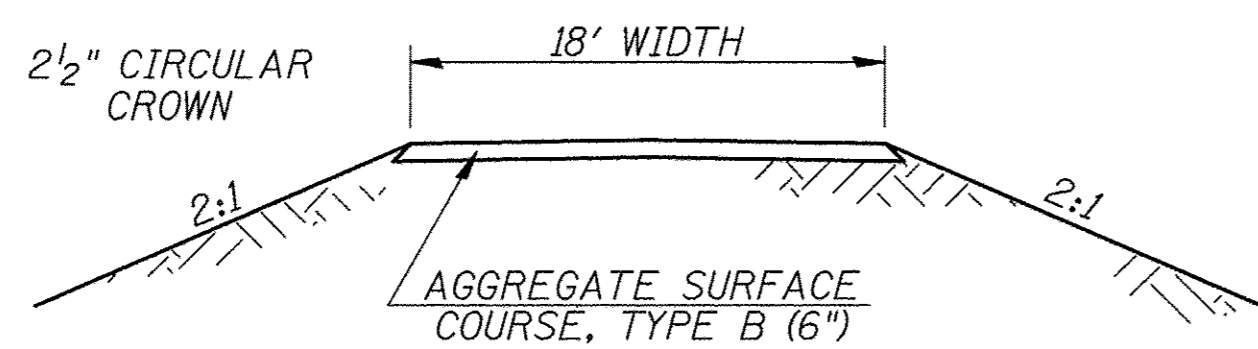
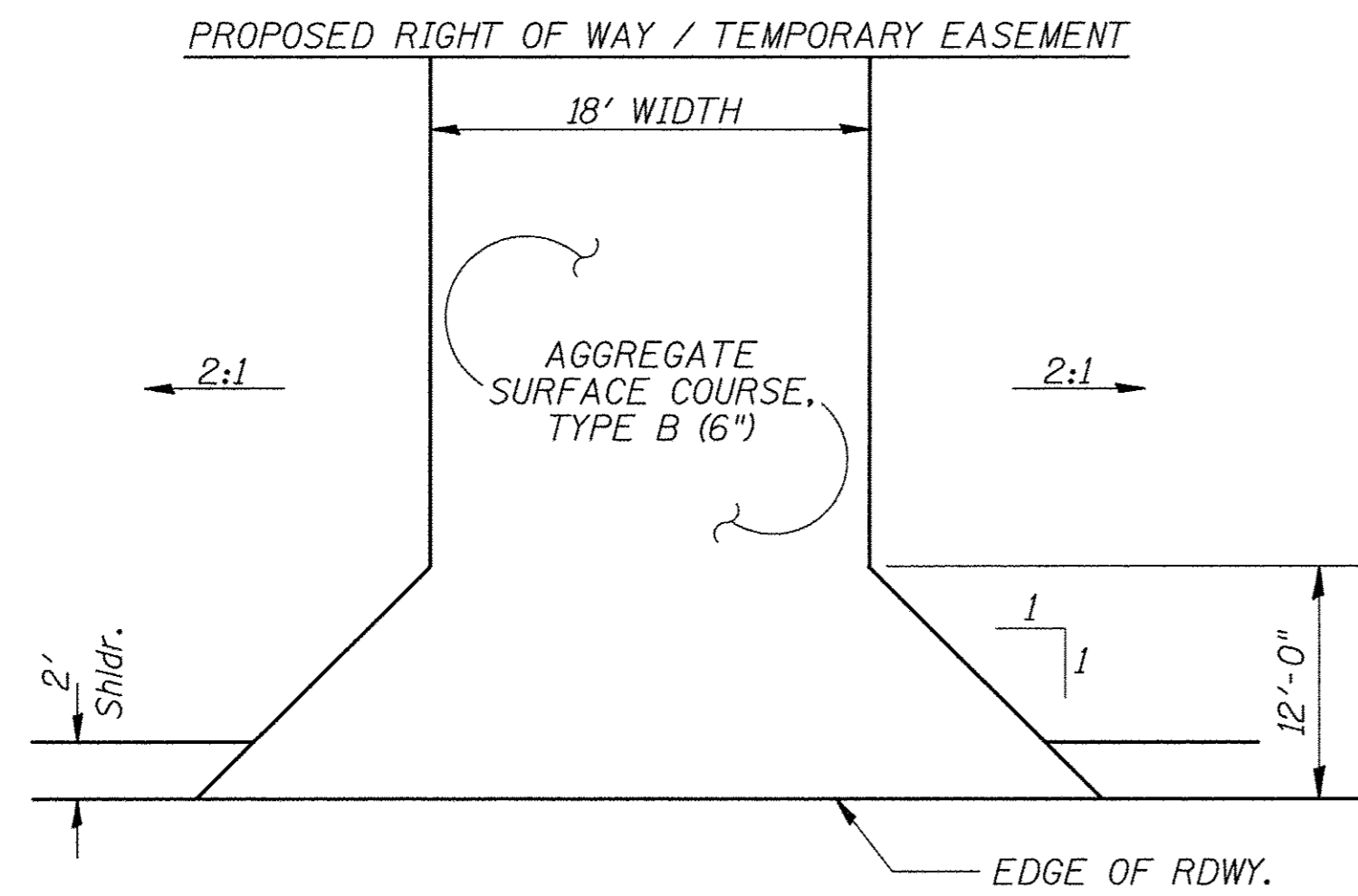
SECTION 02-07115-00-BR ENDS
 STATION 24+75.00

SECTION 02-07115-00-BR BEGINS
 STATION 11+50.00



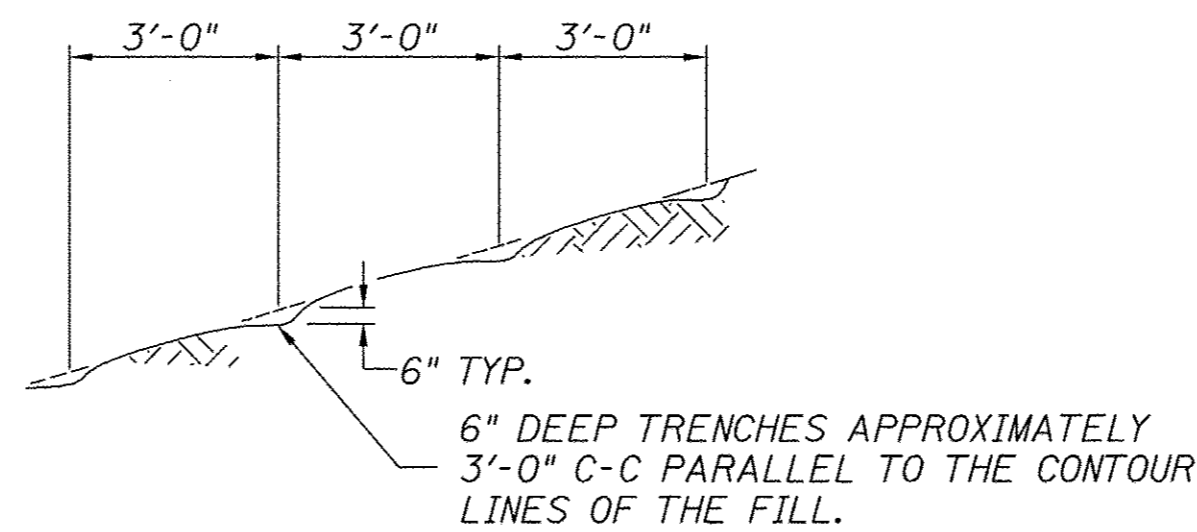
APPROVED	<i>April 6</i>	2017
ROAD DISTRICT NO. 7 HIGHWAY COMMISSIONER		
APPROVED	<i>April 6</i>	2017
SCOTT COUNTY ENGINEER		
PASSED	<i>April 11th</i>	2017
DISTRICT SIX ENGINEER OF LOCAL ROADS & STREETS		
PASSED	<i>April 11</i>	2017
DISTRICT SIX ENGINEER OF CONSTRUCTION		
Released For Limited Review	<i>April 11th</i>	2017
REGION FOUR ENGINEER		
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		

3398E001



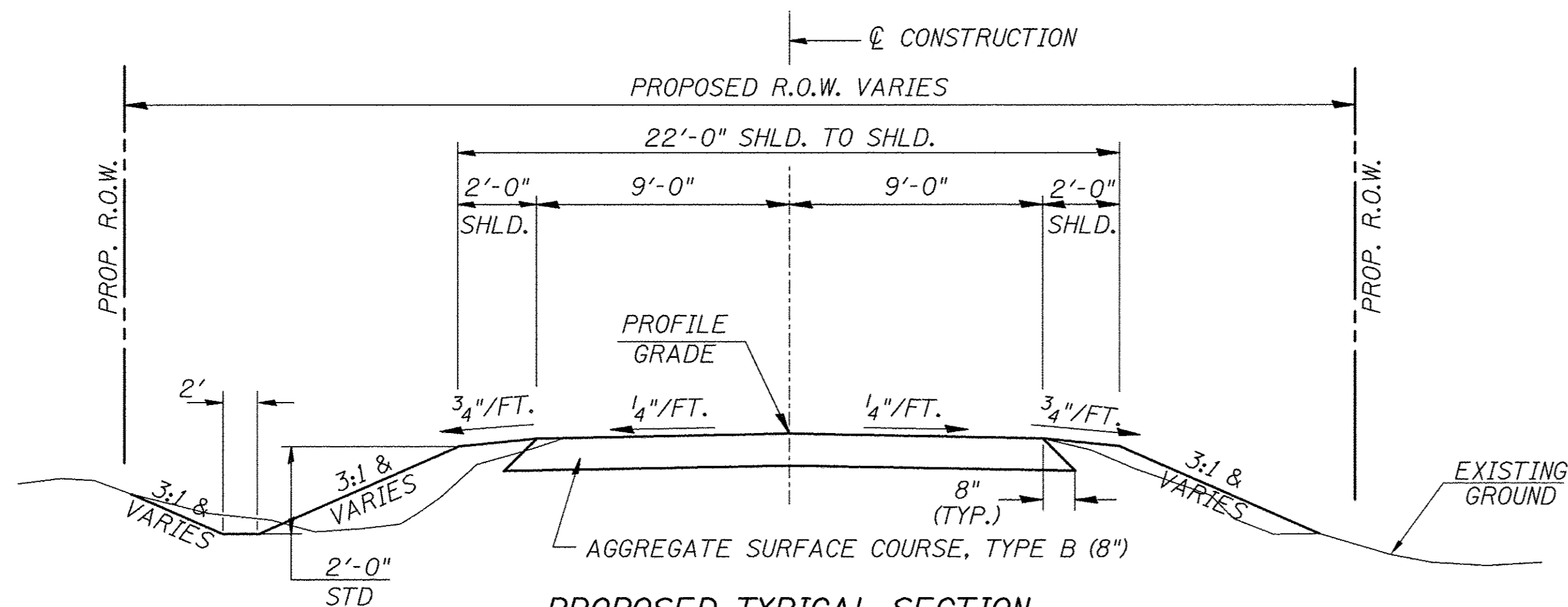
PROPOSED FIELD ENTRANCES

STA. 15+50 RT.
 STA. 17+50 LT.
 STA. 23+00 RT. & LT.



NOTE: ALL SLOPES 3:1 OR STEEPER AND GREATER THAN 5' IN HEIGHT SHALL BE CONTOUR PLOWED AS SHOWN IN DETAIL, COST SHALL BE INCLUDED WITH SEEDING, CLASS 2 (SPECIAL).

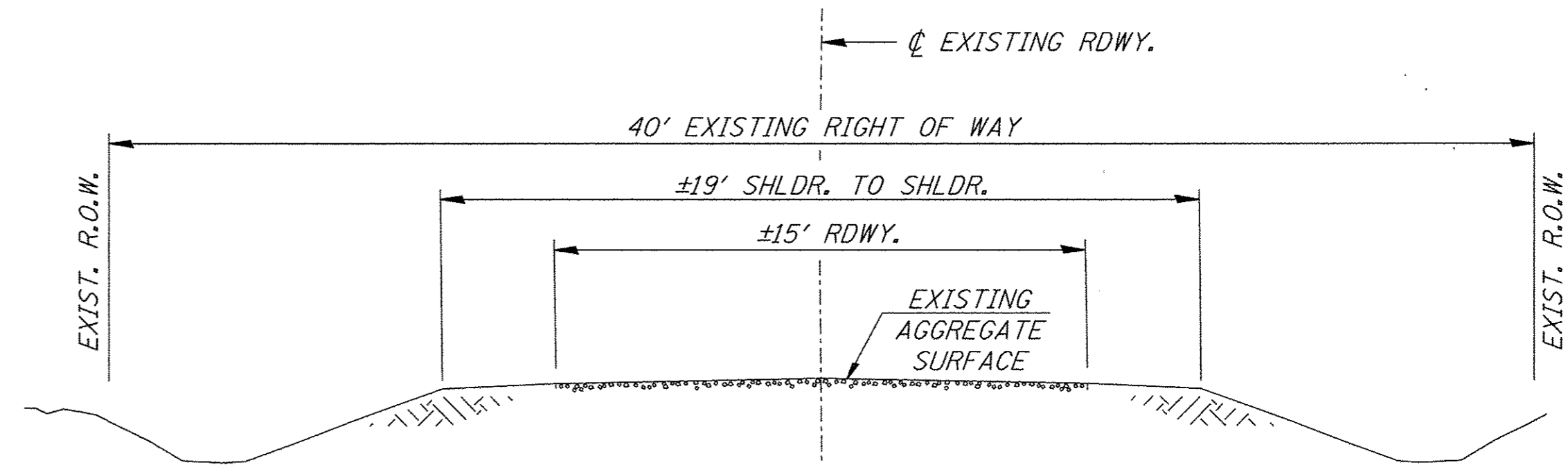
DETAIL OF CONTOUR PLOWING



PROPOSED TYPICAL SECTION

STA. 11+50.00 TO STA. 19+05.00
 STA. 20+60.00 TO STA. 24+75.00
 EXCEPT TRANSITIONS

BRIDGE OMISSION
 STA. 19+05.00 TO STA. 20+60.00



EXISTING TYPICAL SECTION

GENERAL NOTES

PLAN QUANTITIES FOR TREE REMOVAL HAVE BEEN BASED ON ALL TREES WITHIN THE PROPOSED RIGHT OF WAY. THIS QUANTITY MAY BE REVISED DURING CONSTRUCTION, AT THE DIRECTION OF THE ENGINEER, BY DELETING FROM THE TREE REMOVAL QUANTITIES, SUCH TREES THAT DO NOT INTERFERE WITH THE PROPOSED CONSTRUCTION.

THE REMOVAL OF EXISTING AGGREGATE SURFACE AND GRAVEL OR CRUSHED STONE BASE COURSE WHICH MAY BE NECESSARY FOR THE CONSTRUCTION OF THE PROJECT SHALL BE REMOVED AS EARTH EXCAVATION AND NO COMPENSATION WILL BE ALLOWED FOR ADDITIONAL LABOR OR EQUIPMENT REQUIRED.

ALL WASTE OR UNDESIRABLE MATERIAL AS IDENTIFIED BY THE ENGINEER SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY AT THE CONTRACTOR'S EXPENSE.

ALL EXISTING PRIVATELY OWNED UTILITIES REQUIRING ADJUSTMENT WILL BE MADE BY THE UTILITY COMPANY INVOLVED. WHERE NO PROVISIONS HAVE BEEN MADE FOR ADJUSTMENTS ON THE PLANS, NO ADDITIONAL COMPENSATION WILL BE ALLOWED DUE TO DELAYS OR INCONVENIENCES CAUSED BY THE SAID UTILITY ADJUSTMENTS.

THE PROFILE GRADE ELEVATIONS SHOWN ON THE PLAN AND PROFILE SHEETS AND IN THE STATION CROSS SECTIONS ARE TO THE TOP OF THE FINISHED SURFACE.

ALL EXISTING DRAINAGE STRUCTURES NOT BEING REMOVED BY THE CONTRACTOR THAT ARE DAMAGED DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.

ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS SHALL BE INTERPRETED TO BE THE LATEST STANDARDS OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION

THE LOCATION OF UNDERGROUND UTILITIES SHOWN ON THE PLANS REPRESENTS THE BEST KNOWLEDGE OF THE COUNTY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY LOCATIONS OF UNDERGROUND INSTALLATIONS BEFORE STARTING CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL INDEMNIFY THE COUNTY, ITS OFFICERS AND EMPLOYEES AGAINST ALL CLAIMS DUE TO DAMAGE TO CORPORATE OR PRIVATE PROPERTY RESULTING FROM HIS CONSTRUCTION OPERATIONS AS DESCRIBED IN ARTICLES 107.20 AND 107.26 OF THE STANDARD SPECIFICATIONS.

THE CONTRACTOR MAY BE REQUIRED TO CONDUCT SOME OF HIS GRADING AND TRENCHING OPERATIONS AROUND TRANSMISSION POLES AND UNDER TRANSMISSION LINES. THE ADDED COST OF SO DOING SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND PRESERVE PROPERTY MARKERS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR, OR AGENT, HAS WITNESSED

ALL ELEVATIONS SHOWN REFER TO AN ASSUMED DATUM.

FILE NAME = V:\Bridges\3398-Scott\3398t001.dgn	USER NAME = JHutchison	DESIGNED -	REVISED -	SCOTT COUNTY TOWNSHIP ROAD 60 OVER MAUVAISE TERRE CREEK	GENERAL NOTES, DETAILS, TYPICAL SECTIONS	RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 1.0000 ft / in.	DRAWN -	REVISED -			TR 60	02-07115-00-BR	SCOTT	25	2	
	PLOT DATE = 3/29/2017	CHECKED -	REVISED -			CONTRACT NO. 93661					
		DATE -	REVISED -			SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. 11+50.00 TO STA. 24+75.00	FED. ROAD DIST. NO. 7 [ILLINOIS]	FED. AID PROJECT BROS-0171(038)	

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	QUANTITY
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	76
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	190
20100500	TREE REMOVAL, ACRES	ACRE	0.3
20200100	EARTH EXCAVATION	CU YD	3,355
20300100	CHANNEL EXCAVATION	CU YD	1,600
① 20400800	FURNISHED EXCAVATION	CU YD	2,695
25100630	EROSION CONTROL BLANKET	SQ YD	293
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	750
28000305	TEMPORARY DITCH CHECKS	FOOT	300
28000400	PERIMETER EROSION BARRIER	FOOT	170
28000500	INLET AND PIPE PROTECTION	EACH	3
28100209	STONE RIPRAP, CLASS A5	TON	875
28200200	FILTER FABRIC	SQ YD	730
① 40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	1,174
① 50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1
50105220	PIPE CULVERT REMOVAL	FOOT	59
50200100	STRUCTURE EXCAVATION	CU YD	60
50200300	COFFERDAM EXCAVATION	CU YD	140
50201101	COFFERDAM (TYPE 1) (LOCATION-1)	EACH	1
50201102	COFFERDAM (TYPE 1) (LOCATION-2)	EACH	1
50300225	CONCRETE STRUCTURES	CU YD	139.2
50300280	CONCRETE ENCASEMENT	CU YD	2.8
50400305	PRECAST PRESTRESSED CONCRETE DECK BEAMS (17" DEPTH)	SQ FT	2,187
50400505	PRECAST PRESTRESSED CONCRETE DECK BEAMS (27" DEPTH)	SQ FT	1,942
50800105	REINFORCEMENT BARS	POUND	10,610
* 50900205	STEEL RAILING, TYPE S1	FOOT	310
51201400	FURNISHING STEEL PILES HP10x42	FOOT	294
51201600	FURNISHING STEEL PILES HP12x53	FOOT	462
51202305	DRIVING PILES	FOOT	756
51203400	TEST PILE STEEL HP10x42	EACH	1
51203600	TEST PILE STEEL HP12x53	EACH	1
51500100	NAME PLATES	EACH	1
54200229	PIPE CULVERTS, CLASS D, TYPE 1 24"	FOOT	106
67100100	MOBILIZATION	L SUM	1
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	4
① X2501000	SEEDING, CLASS 2 (SPECIAL)	ACRE	2.2
① X7010216	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	L SUM	1
① XX008542	OBLITERATE EXISTING ROADBED	SQ YD	228

① SEE SPECIAL PROVISIONS
* SPECIALTY ITEMS

CONSTRUCTION CODE TYPE: 0011
BRIDGE CODE TYPE: X080

EARTHWORK SUMMARY

STATION TO STATION	EARTH EXCAVATION	CHANNEL EXCAVATION	STRUCTURE EXCAVATION	COFFERDAM EXCAVATION	FILL	WASTE (SHORTAGE)
	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD
RDWY 11+50.00 - 19+05.00	2,061				2,176	(630)
RDWY 20+60.00 - 24+75.00	1,292				3,033	(2,064)
CHANNEL		1,600				
STRUCTURE			60			
COFFERDAM				140		
TOTAL	3,353	1,600	60	140	5,209	(2,694)
USE	3,355	1,600	60	140	-	(2,695)

(@ 25% SHRINKAGE)

TREE REMOVAL

STATION	OFFSET	SIDE	6 TO 15 UNITS	OVER 15 UNITS
11+61	18'	RIGHT	12	
11+72	16'	RIGHT	15	
11+98	16'	RIGHT		26
12+37	18'	RIGHT	10	
12+42	17'	RIGHT	12	
12+56	15'	RIGHT		28
12+97	12'	RIGHT	8	
12+98	14'	RIGHT		24
13+06	12'	RIGHT	6	
13+35	9'	RIGHT		18
13+70	28'	RIGHT		28
13+88	30'	LEFT		24
13+99	19'	LEFT		23
14+05	41'	LEFT		19
14+11	41'	LEFT	13	
TOTAL			76	190

TEMPORARY DITCH CHECKS

STATION	SIDE	FOOT
11+90	LEFT	12
11+90	RIGHT	12
12+30	LEFT	12
12+30	RIGHT	12
12+70	LEFT	12
12+70	RIGHT	12
13+10	LEFT	12
13+10	RIGHT	12
13+50	LEFT	12
13+50	RIGHT	12
13+55	RIGHT	12
13+90	LEFT	12
14+00	LEFT	12
14+45	RIGHT	12
16+40	LEFT	12
17+40	RIGHT	12
18+60	LEFT	12
19+14	RIGHT	12
19+56	LEFT	12
20+05	RIGHT	12
20+36	LEFT	12
21+45	RIGHT	12
21+60	LEFT	12
24+00	LEFT	12
24+00	RIGHT	12
TOTAL		300

INLET AND PIPE PROTECTION

STATION	SIDE	EACH
17+32	LEFT	1
23+17	RIGHT	1
23+17	LEFT	1
TOTAL		3

TREE REMOVAL, ACRES

STATION TO STATION	SIDE	ACRES
14+47 - 17+30	LT&RT	0.3
TOTAL		0.3

AGGREGATE SURFACE COURSE, TYPE B

STATION TO STATION	THICKNESS	WIDTH	LENGTH	TON
11+50.00 - 12+00.00	0.67"	18.50' AVG.	50.00'	43
12+00.00 - 19+05.00	0.67"	18.67"	705.00'	617
20+60.00 - 24+25.00	0.67"	18.67"	365.00'	320
24+25.00 - 24+75.00	0.67"	17.53' AVG.	50.00'	41
ABUTMENT BACKFILL - SEE SPECIAL PROVISIONS				31
ENTR. - 15+50 RT.	0.50'	18.0' & VAR.	47.10'	36
ENTR. - 17+50 LT.	0.50'	18.0' & VAR.	46.70'	36
ENTR. - 23+00 LT.	0.50'	18.0' & VAR.	31.00'	25
ENTR. - 23+00 RT.	0.50'	18.0' & VAR.	31.00'	25
TOTAL				1,174

PIPE CULVERTS, CLASS D, TYPE 1 24"

STATION	SIDE	FOOT
17+50	LEFT	38
23+00	LEFT	34
23+00	RIGHT	34
TOTAL		106

EROSION CONTROL BLANKET

STATION TO STATION	SIDE	WIDTH	LENGTH	AREA (SQ YD)
11+50 - 13+90	LEFT	6'	240'	160
11+50 - 13+50	RIGHT	6'	200'	133
TOTAL				293

OBLITERATE EXISTING ROADBED

STATION TO STATION	SIDE	WIDTH	SQ YD
14+44 - 15+39	RIGHT	VARIABLE	117
15+61 - 16+60	RIGHT	VARIABLE	111
TOTAL			228

PIPE CULVERT REMOVAL

STATION	SIZE	SIDE	FOOT
19+08	12"	RIGHT	29
21+92	24"	RIGHT	30
TOTAL			59

PERIMETER EROSION BARRIER

STATION TO STATION	SIDE	FOOT
15+30 - 15+70	RIGHT	45
17+32 - 17+70	LEFT	45
22+80 - 23+17	LEFT	40
22+80 - 23+17	RIGHT	40
TOTAL		170



- 1

ROAD CLOSED
1 1/4 MILE AHEAD
LOCAL TRAFFIC ONLY
R11-3

ROAD CLOSED
1 1/4 MILE AHEAD
LOCAL TRAFFIC ONLY
- 2

ROAD CLOSED
3/4 MILE AHEAD
LOCAL TRAFFIC ONLY
R11-3

ROAD CLOSED
3/4 MILE AHEAD
LOCAL TRAFFIC ONLY
- 3

ROAD CLOSED
1/2 MILE AHEAD
LOCAL TRAFFIC ONLY
R11-3

ROAD CLOSED
1/2 MILE AHEAD
LOCAL TRAFFIC ONLY
- 4

ROAD
CLOSED
AHEAD
W20-3

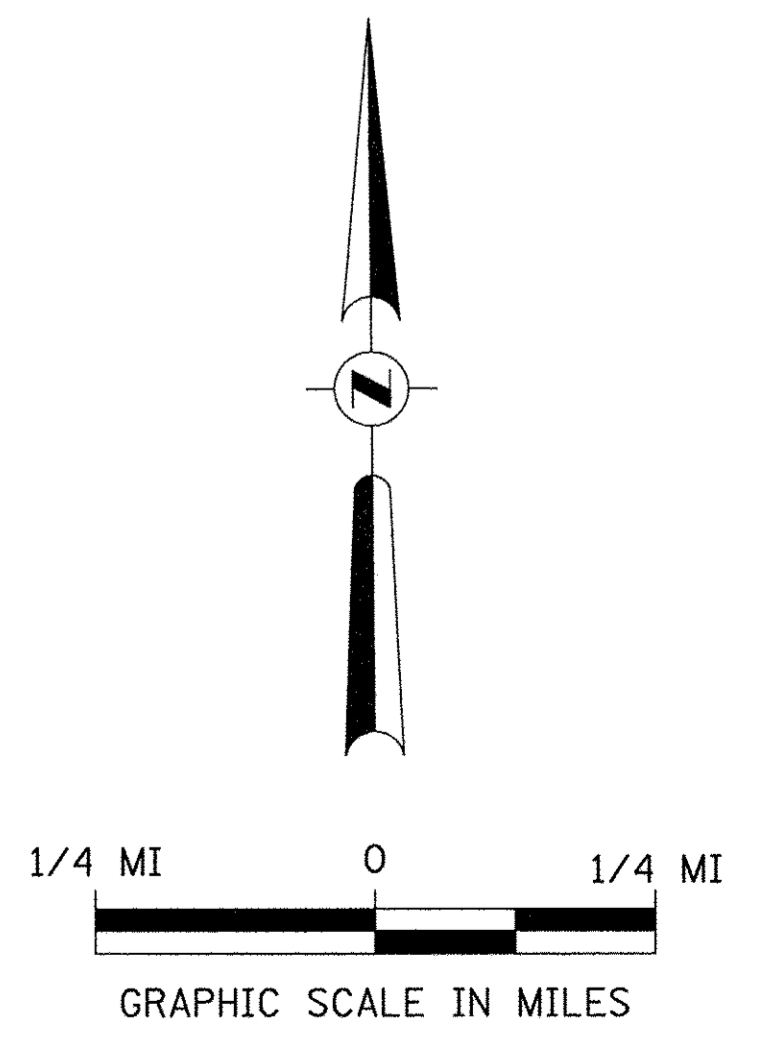
ROAD CLOSED
AHEAD
- 5

ROAD
CLOSED
500 FT
W20-3

ROAD CLOSED
500 FT
- 6

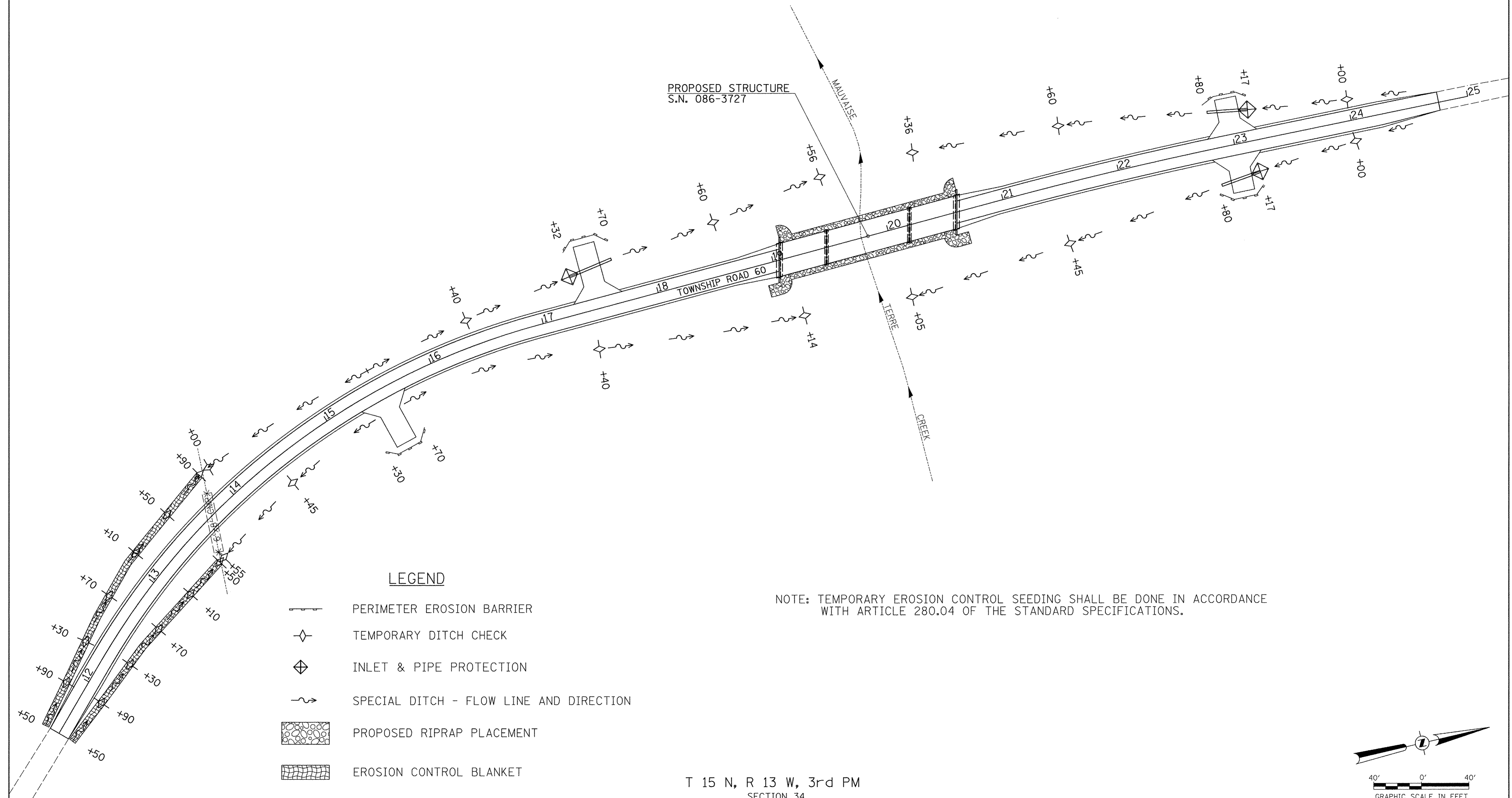
TYPE III BARRICADES

SEE STANDARD BLR 21
AND SPECIAL PROVISIONS

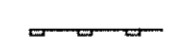
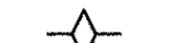






FILE NAME = V:\Bridge\3398-Scott\3398h\001.dgn	USER NAME = JHutchison	DESIGNED -	REVISED -	SCOTT COUNTY TOWNSHIP ROAD 60 OVER MAUVAISE TERRE CREEK	TRAFFIC CONTROL PLAN			RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -		TR 60	02-07115-00-BR	SCOTT	25	4			
PLOT SCALE = 1.0000' / 1in.		CHECKED -	REVISED -	SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. 11+50.00 TO STA. 24+75.00			CONTRACT NO. 93661					
PLOT DATE = 3/29/2017		DATE - 04/18/11	REVISED -				FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT BROS-0171(038)					

T 15 N, R 13 W, 3rd PM
SECTION 34

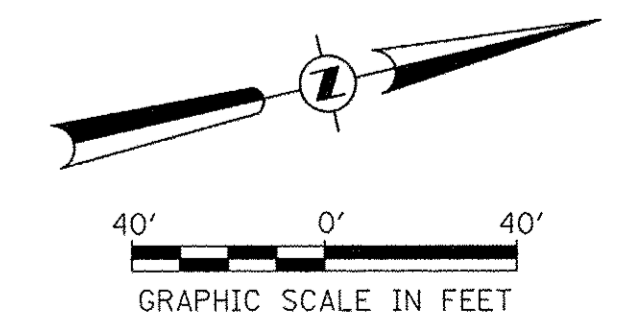


LEGEND

-  PERIMETER EROSION BARRIER
-  TEMPORARY DITCH CHECK
-  INLET & PIPE PROTECTION
-  SPECIAL DITCH - FLOW LINE AND DIRECTION
-  PROPOSED RIPRAP PLACEMENT
-  EROSION CONTROL BLANKET

NOTE: TEMPORARY EROSION CONTROL SEEDING SHALL BE DONE IN ACCORDANCE WITH ARTICLE 280.04 OF THE STANDARD SPECIFICATIONS.

T 15 N, R 13 W, 3rd PM
SECTION 34



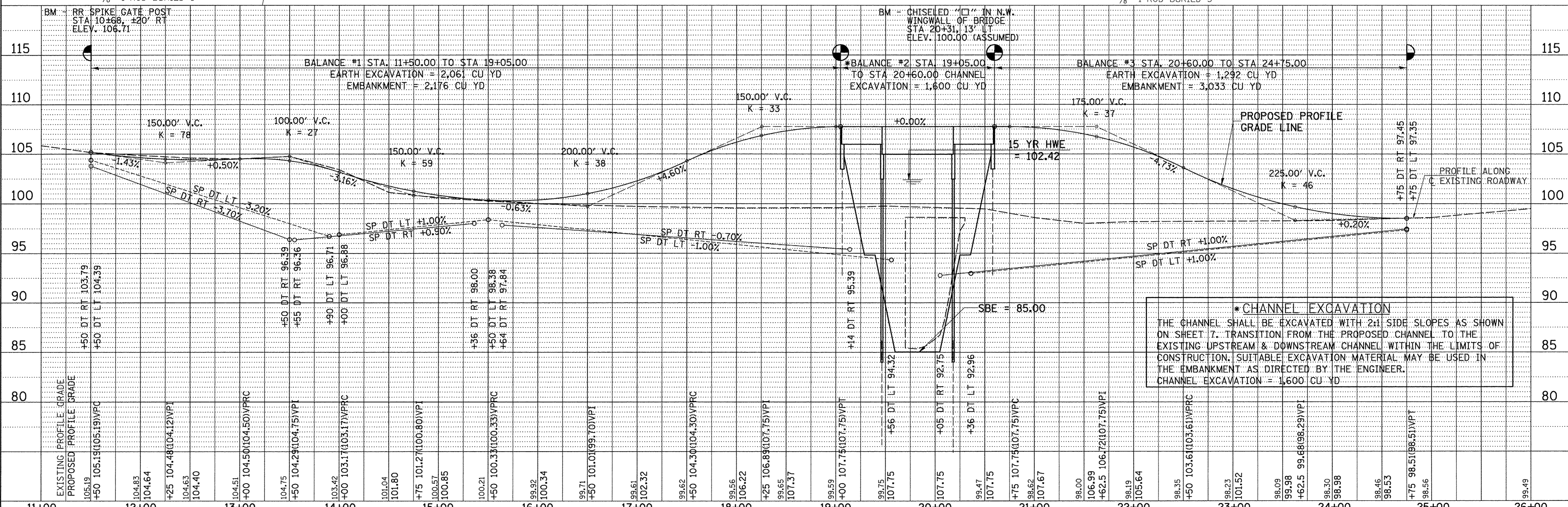
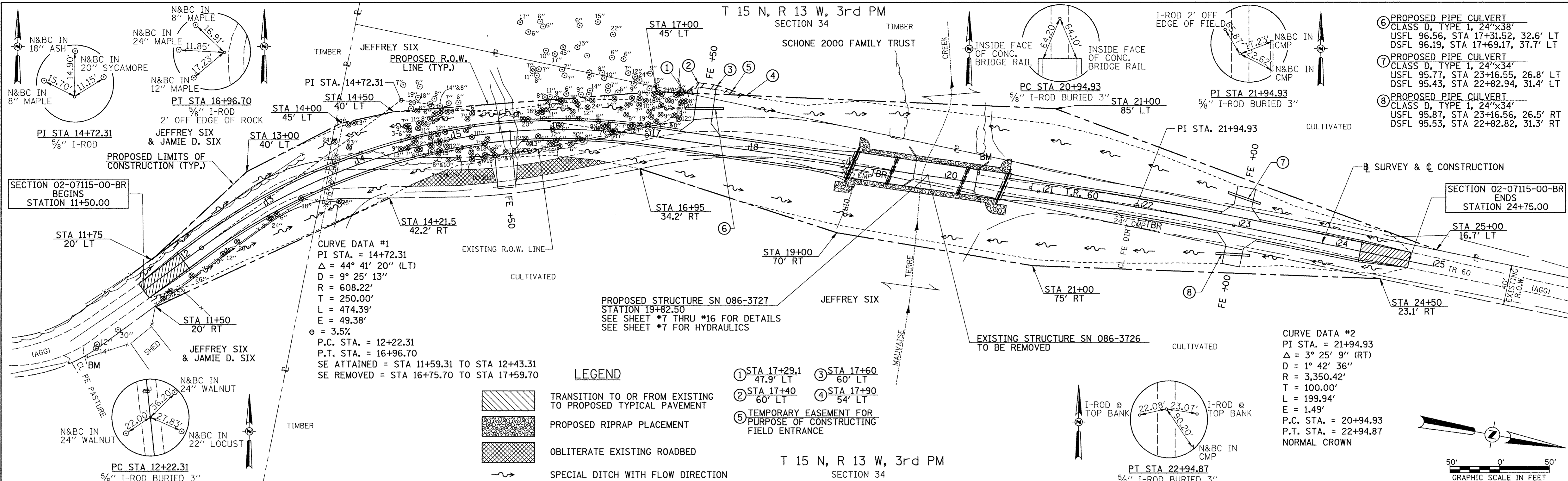
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		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / 1in.	CHECKED -	REVISED -
	PLOT DATE = 3/29/2017	DATE -	REVISED -

SCOTT COUNTY
TOWNSHIP ROAD 60 OVER
MAUVAISE TERRE CREEK

STORM WATER POLLUTION PREVENTION PLAN

SCALE: 1" = 40' SHEET NO. 1 OF 1 SHEETS STA. 11+50.00 TO STA. 24+75.00

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TR 60	02-07115-00-BR	SCOTT	25	5
FED. ROAD DIST. NO. 7 ILLINOIS			CONTRACT NO. 93661	
FED. AID PROJECT BROS-0171(038)				



B.M.: RR Spike in Gate Post
Sta. 10+68, ±20' Rt.
Elev. 106.71

Existing Structure:

Single span concrete 6' through girder structure on concrete closed abutments with concrete wingwalls. The structure is 63'-0" back to back of abutments, ±21' out to out of deck, and is not skewed. Str. No. 086-3726

Salvage: None

Road to be closed to traffic during construction.

**MAUVAISE TERRE CREEK
BUILT 20L BY
ROAD DISTRICT NO. 7
SCOTT COUNTY
SEC. 02-07115-00-BR
T.R. 60 STATION 19+82.50
F.A. PROJ. BROS-0171038
STR. NO. 086-3727 LOADING HL-93**

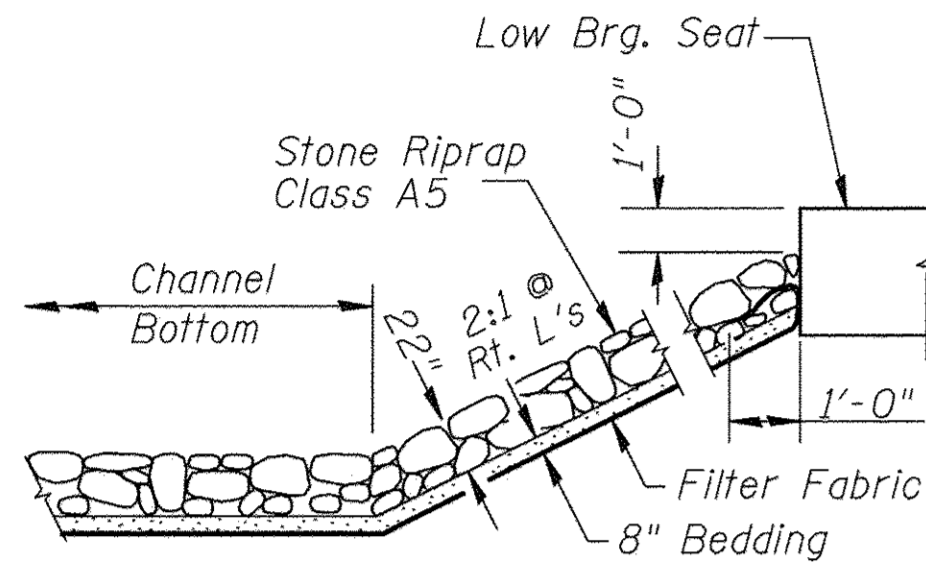
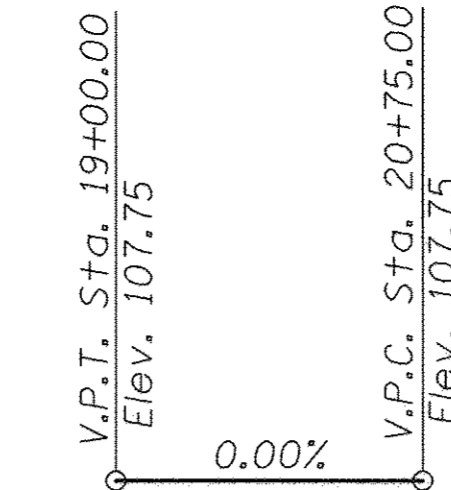
NAME PLATE

Locate Name Plate at S.E. Wingwall
Corner of Bridge (See Std. 515001)

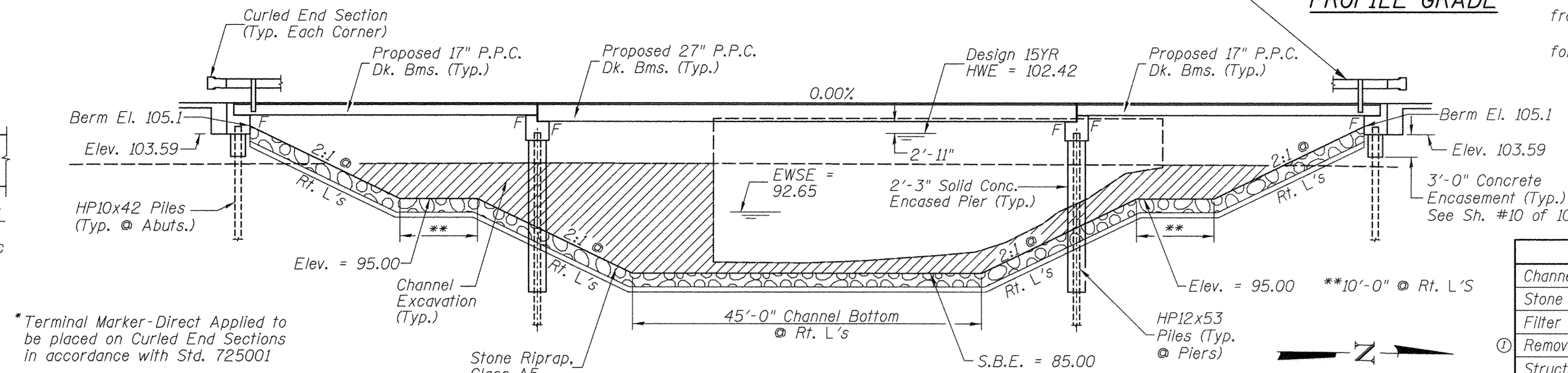
GENERAL NOTES

The Contractor shall drive test piles to 100% of the nominal required bearing specified in production locations at the substructures specified or approved by the Engineer before ordering the remainder of the piles.
For Soil Boring Logs, See Special Provisions.
A Corrosion Inhibitor shall be used in the concrete for Precast Prestressed Concrete Deck Beams according to Article 1020.05(b)(10) of the Standard Specifications.
Reinforcement Bars shall conform to the requirements of ASTM A706 Grade 60. Reinforcement Bars designated (E) shall be epoxy coated.
Layout of the slope protection system may be varied in the field to suit ground conditions as directed by the Engineer.
Excavation behind the existing abutment walls shall be performed to balance front and back soil pressure before removing existing superstructure.
The top surface of the beams shall be finished according to the IDOT Manual for Fabrication of Precast Prestressed Concrete Products.
Each Pier stem shall be constructed in a single continuous concrete pour.

PROFILE GRADE

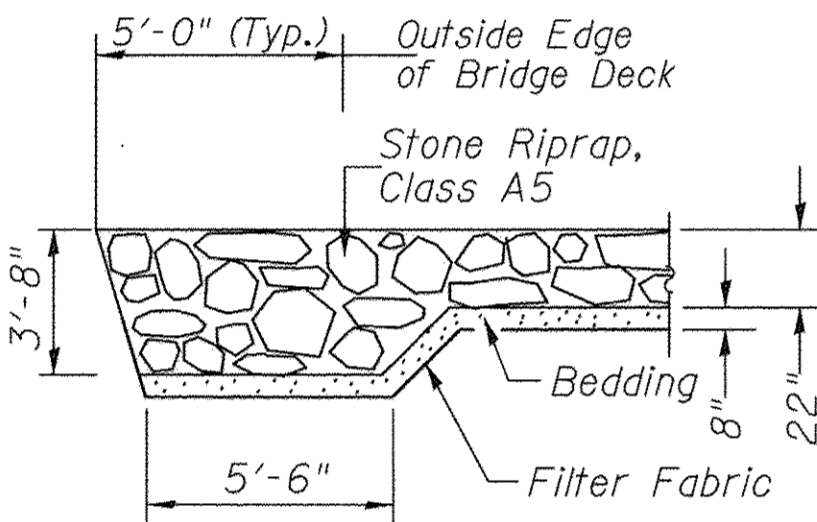


STONE RIPRAP DETAIL

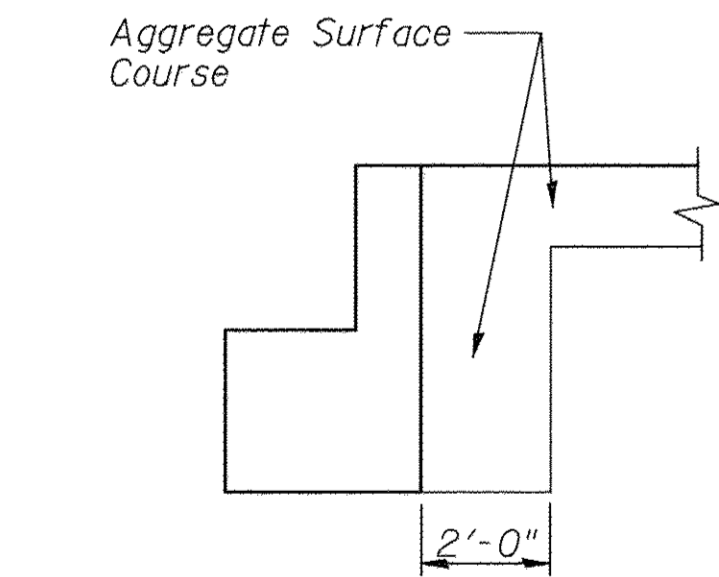


ELEVATION

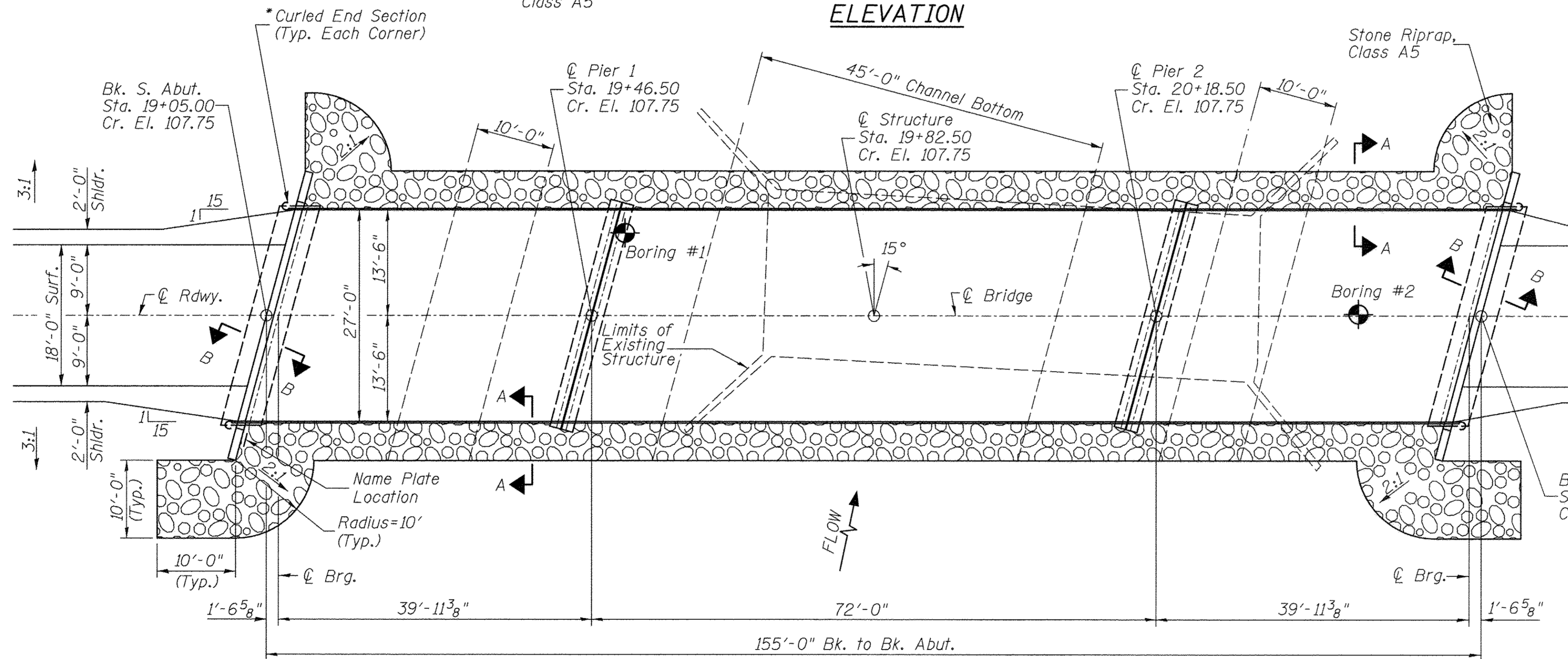
* Terminal Marker-Direct Applied to be placed on Curled End Sections in accordance with Std. 725001



SECTION A-A



SECTION B-B



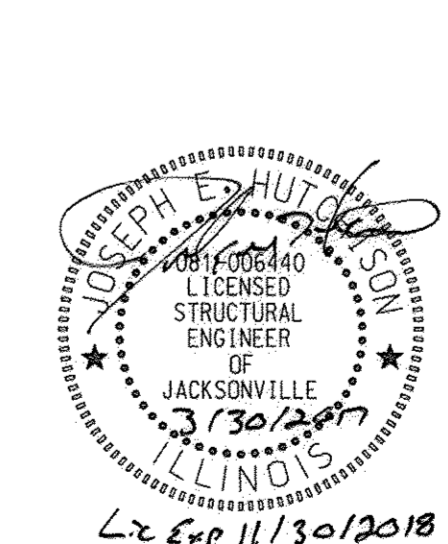
PLAN

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Channel Excavation	CU YD	—	1,600	1,600
Stone Riprap, Class A5	TON	—	875	875
Filter Fabric	SQ YD	—	730	730
Removal of Existing Structures	EACH	—	—	1
Structure Excavation	CU YD	—	60	60
Cofferdam Excavation	CU YD	—	140	140
Concrete Structures	CU YD	—	139.2	139.2
Precast Prestressed Concrete Deck Beams (17" Depth)	SQ FT	2,187	—	2,187
Precast Prestressed Concrete Deck Beams (27" Depth)	SQ FT	1,942	—	1,942
Reinforcement Bars	POUND	—	10,610	10,610
Steel Railing, Type S1	FOOT	310	—	310
Furnishing Steel Piles HP10x42	FOOT	—	294	294
Furnishing Steel Piles HP12x53	FOOT	—	462	462
Driving Piles	FOOT	—	756	756
Test Pile Steel HP10x42	EACH	—	1	1
Test Pile Steel HP12x53	EACH	—	1	1
Concrete Encasement	CU YD	—	2.8	2.8
Name Plates	EACH	—	1	1
Cofferdam (Type 1) (Location-1) (Pier #1)	EACH	—	1	1
Cofferdam (Type 1) (Location-2) (Pier #2)	EACH	—	1	1
Terminal Marker - Direct Applied	EACH	4	—	4

① See Special Provisions

I certify that to the best of my 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 Specification for Highway Bridges.
This design complies with all requirements of the current AASHTO Guide Specifications for Seismic Design of highway bridges.



Joseph E. Hutchison
3/30/2017
Illinois Structural No. 6440
Expires 11/30/2018

OVER-THE-ROAD AREA

Freq. Yr.	Existing	Proposed
15	3,685	1,511
100	5,742	2,909

DESIGN SCOUR TABLE

Location	S. Abut	Pier 1	Pier 2	N. Abut
Design Scour Elevation	103.59	86.61	86.61	103.59

WATERWAY INFORMATION

Drainage Area = 168.63 Sq. Mi. Low Grade Elev. = 98.51 @ Sta. 24+75.00

Flood Yr.	Q C.F.S.	Opening Sq. Ft.	Nat. H.W.E.	Head - Ft.	Headwater El.
		Exist.	Prop.	Exist.	Prop.
Design	15 8,520	580 1,496	102.42 0.05 0.09	102.47 102.51	
Base	100 13,080	580 1,678	103.80 0.03 0.08	103.83 103.88	

DESIGN SPECIFICATIONS

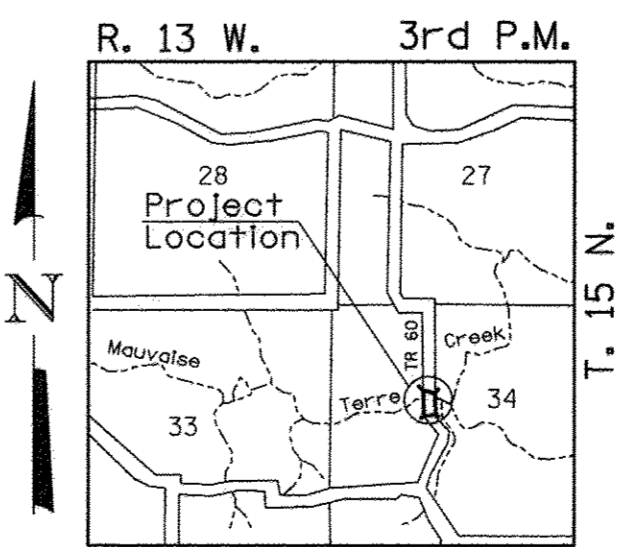
2014 AASHTO LRFD Bridge Design Specifications
7th Edition

DESIGN STRESSES

(FIELD UNITS) f'c = 3,500 p.s.i. fy = 60,000 p.s.i. (Rein.)
(PRECAST PRESTRESSED UNITS) f'c = 6,000 p.s.i. f'ci = 5,000 p.s.i. f's = 270,000 p.s.i. (1/2" Strands) f'si = 201,960 p.s.i. (1/2" Strands)

LOADING HL-93

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



LOCATION SKETCH

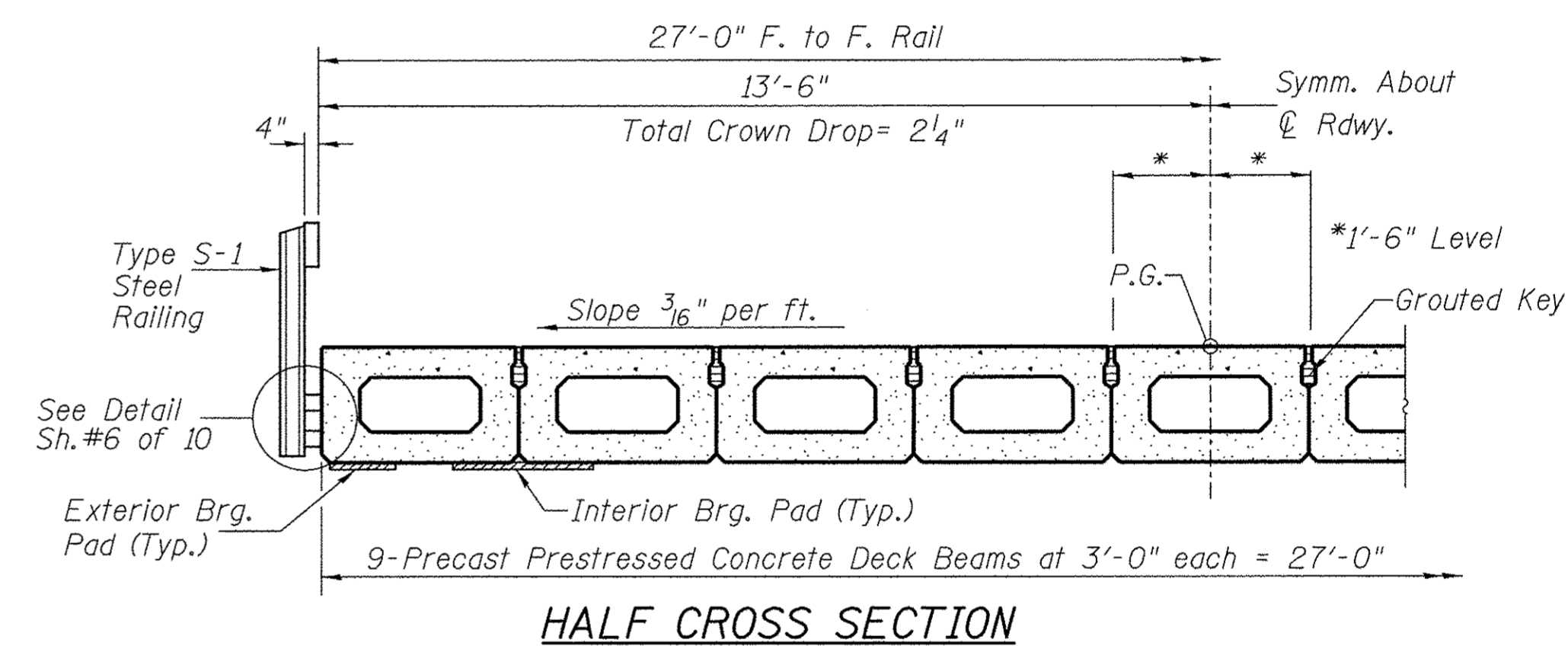
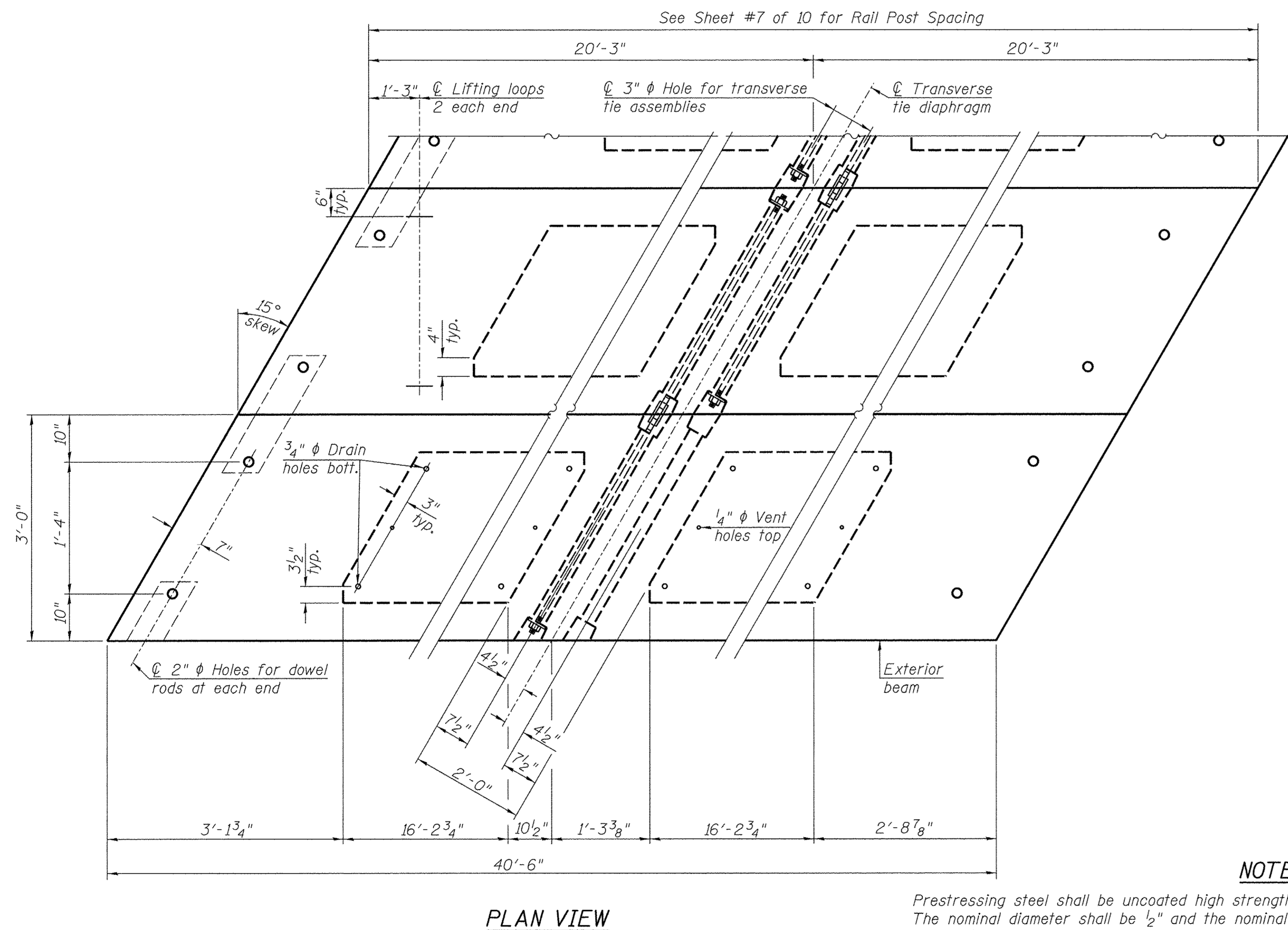
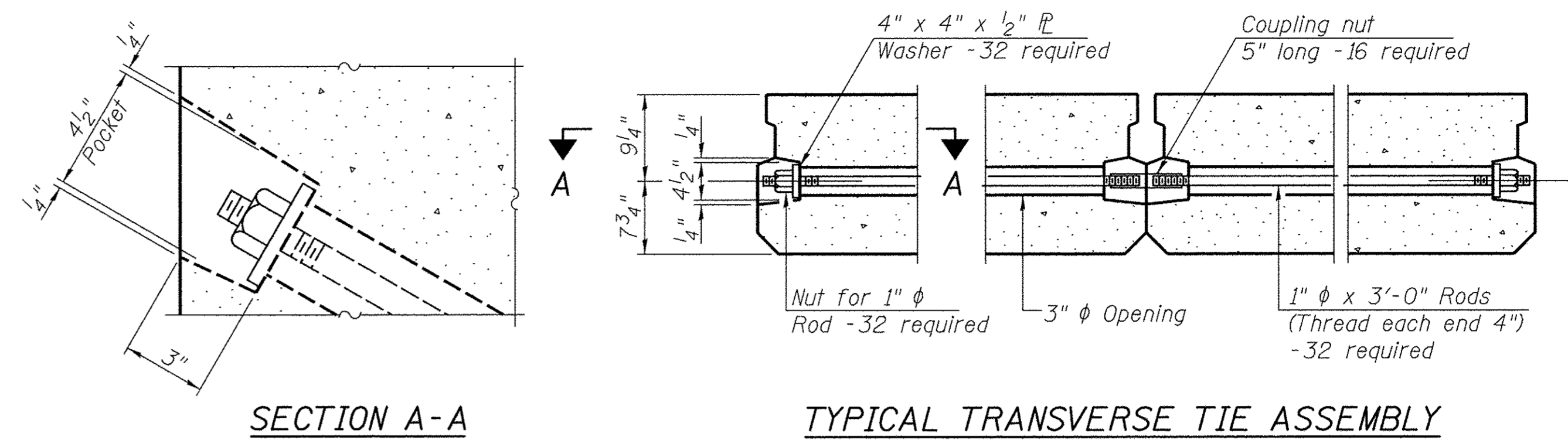
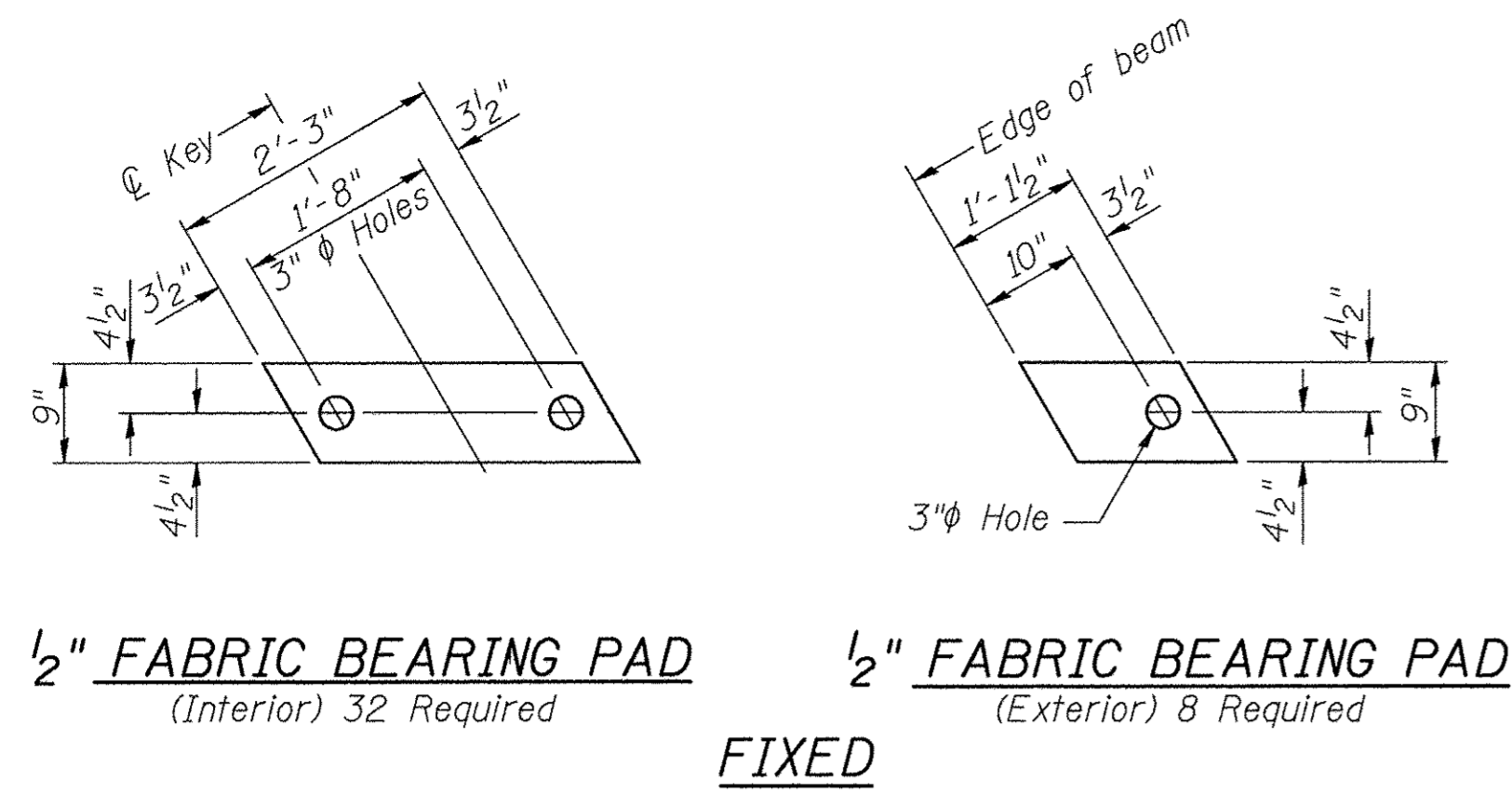
GENERAL PLAN & ELEVATION

SCOTT COUNTY

SECTION 02-07115-00-BR

T.R. 60 OVER MAUVAISE TERRE CREEK

SHEET NO. 1	ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10 SHEETS	TR 60	02-07115-00-BR	SCOTT	25	7
	S.N. 086-3727		CONTRACT NO. 93661		
	FED. ROAD DIST. 7	ILLINOIS	FED. AID PROJECT BROS-0171(038)		



BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Precast Prestressed Concrete Deck Beams (17" Depth)	SQ FT	2,187

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.

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" diameter lifting pin shall be used to engage the lifting loops during handling.

Corrosion Inhibitor, per Article 1020.05(b)(10) and 1021.07 of the Standard Specifications, shall be used in the concrete for precast prestressed concrete deck beams.

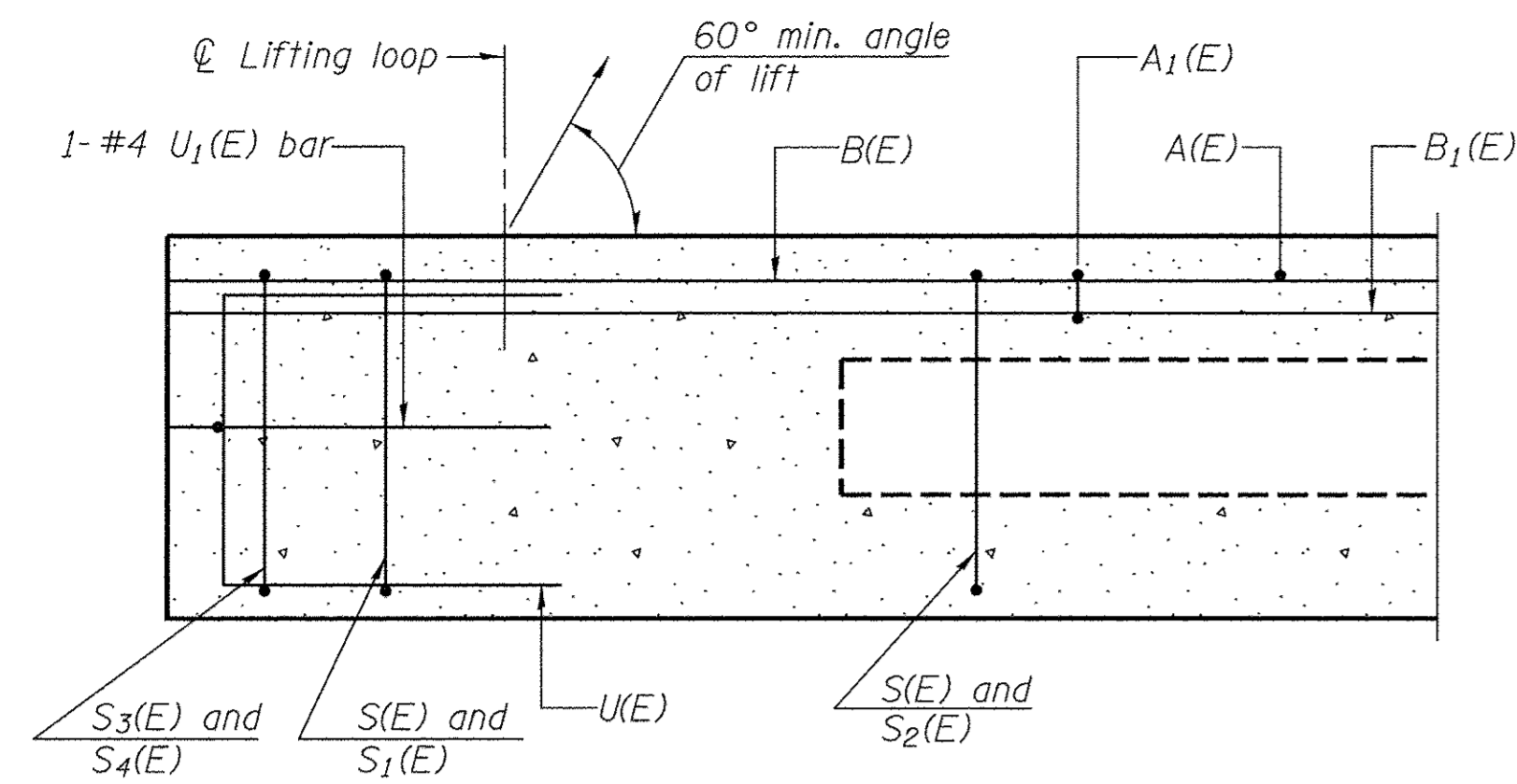
Compressive strength of prestressed concrete, f'c, shall be 6000 psi.

Compressive strength of prestressed concrete at release, f'ci, shall be 5000 psi.

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

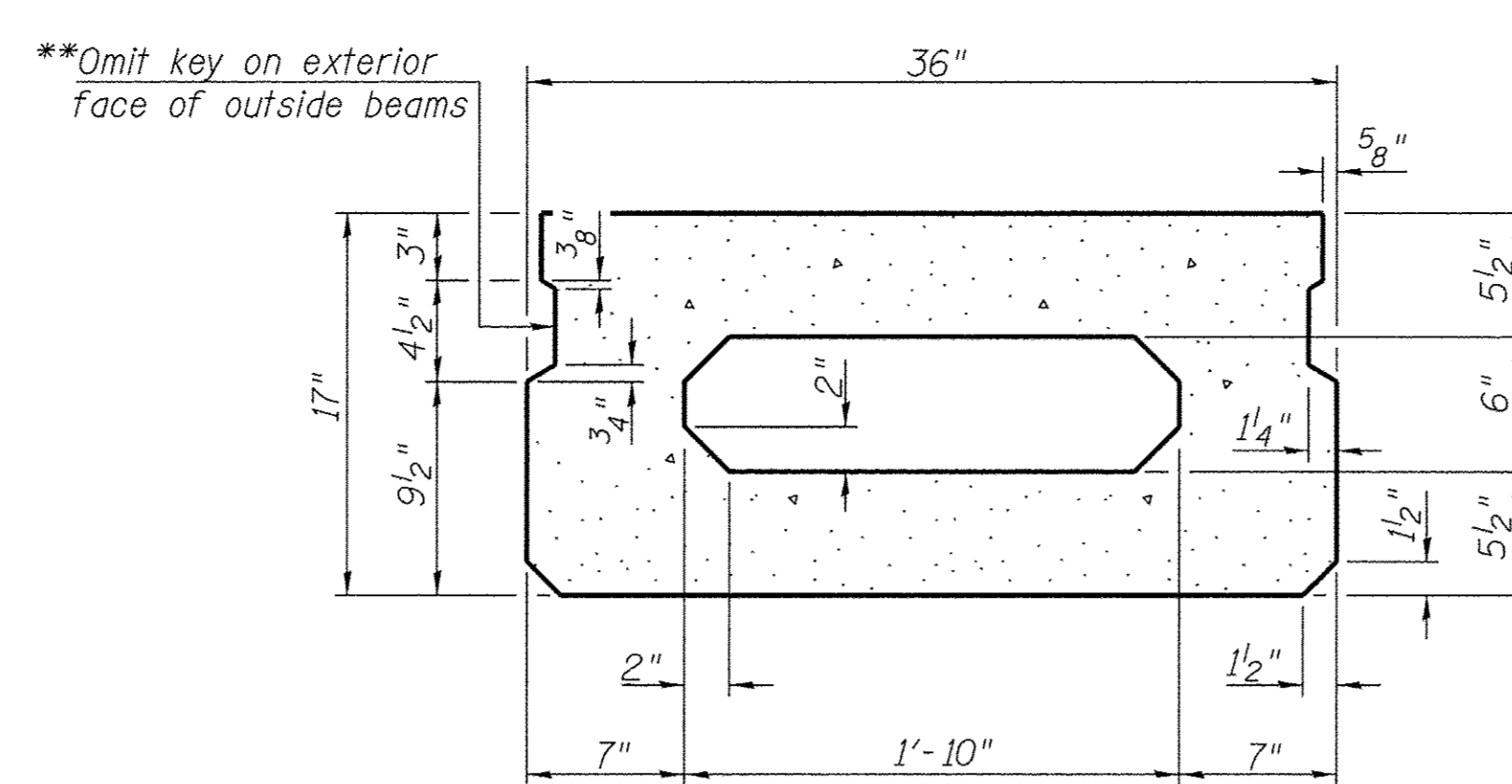
SUPERSTRUCTURE - SPANS 1 & 3
SCOTT COUNTY
SECTION 02-07115-00-BR
T.R. 60 OVER MAUVAISE TERRE CREEK

SHEET NO. 2	ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10 SHEETS	TR 60	02-07115-00-BR	SCOTT	25	8
S.N. 086-3727			CONTRACT NO. 93661		
FED. ROAD DIST. 7		ILLINOIS	FED. AID PROJECT BROS-0171(038)		

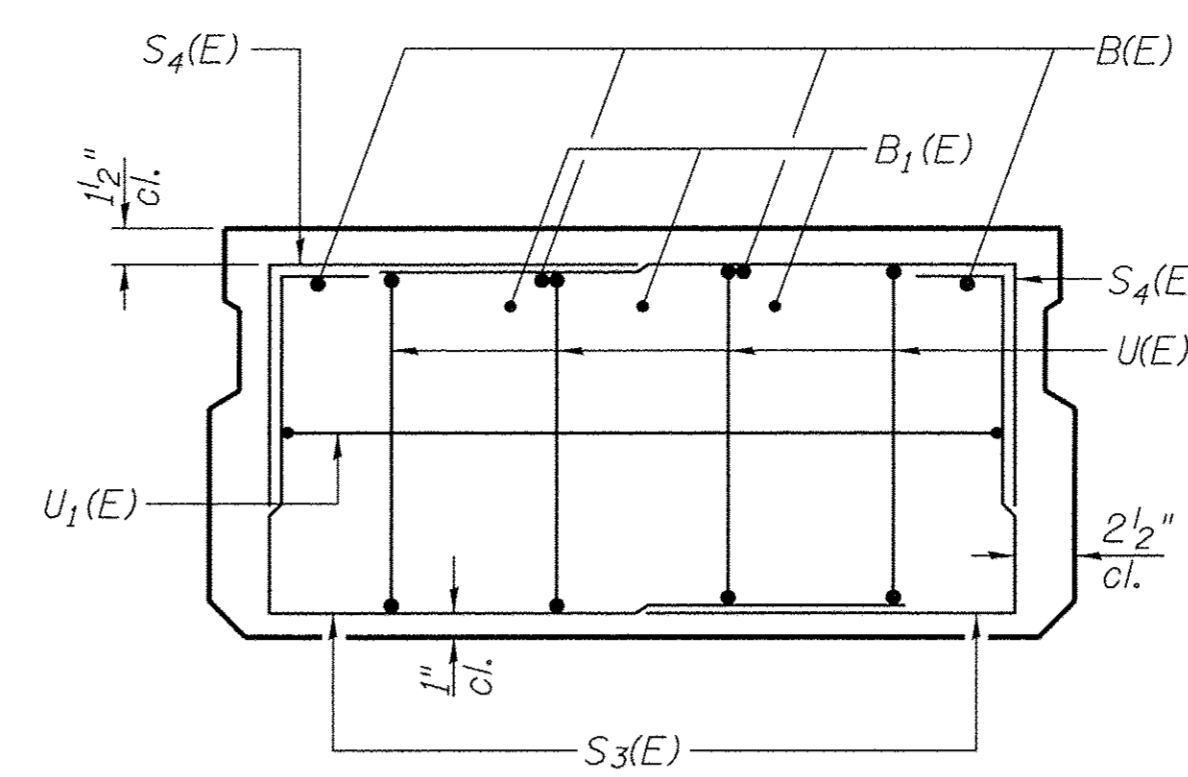


SECTION C-C

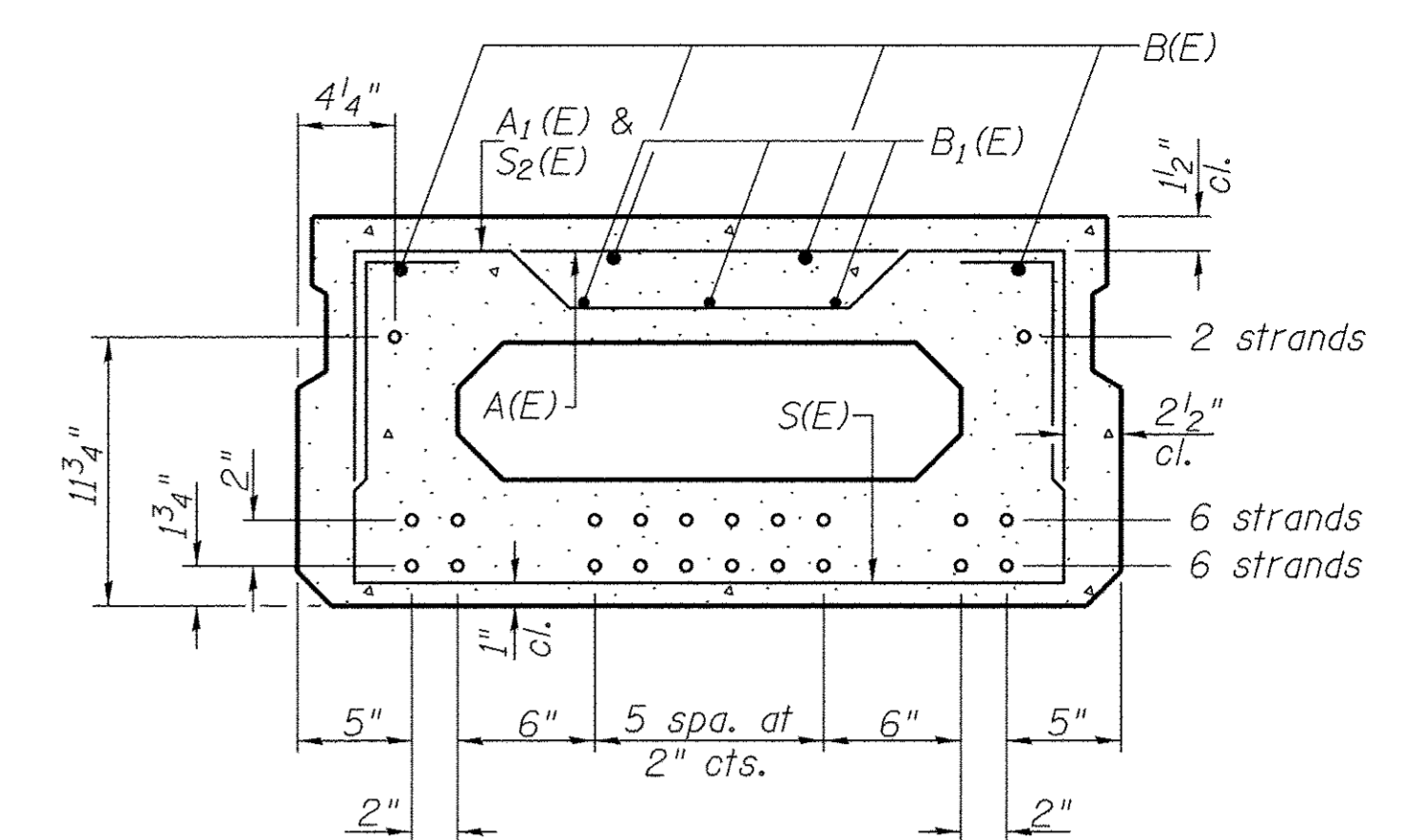
**Rail post anchor devices (Sheet 6 of 10) to be cast into exterior face of outside beams.



SECTION A-A
(Showing dimensions)



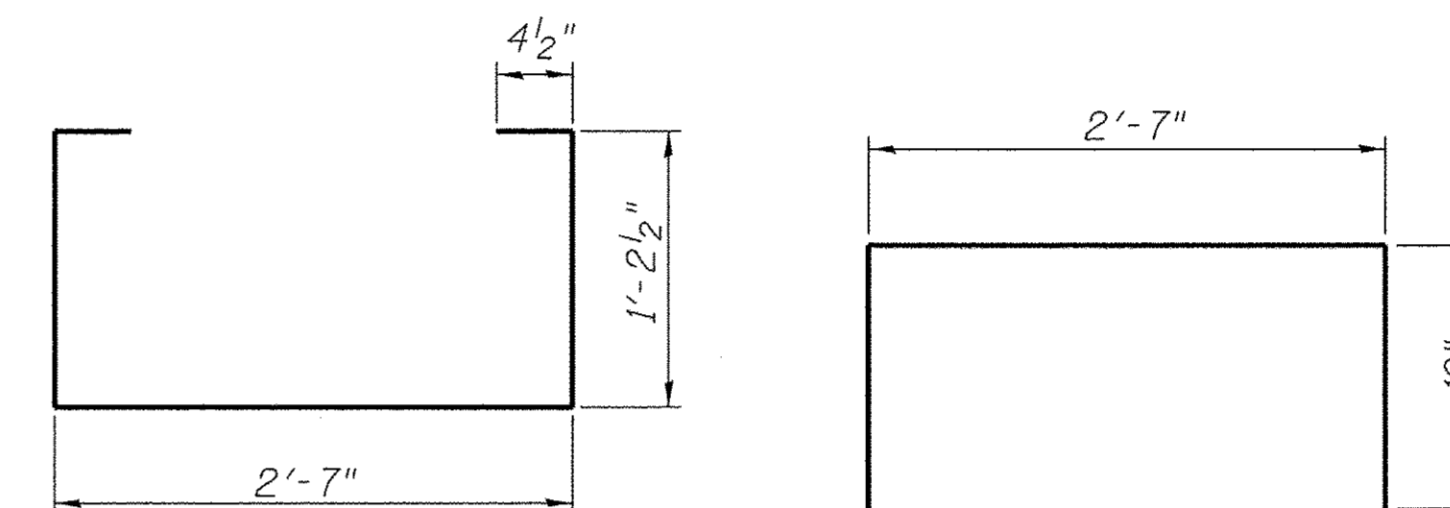
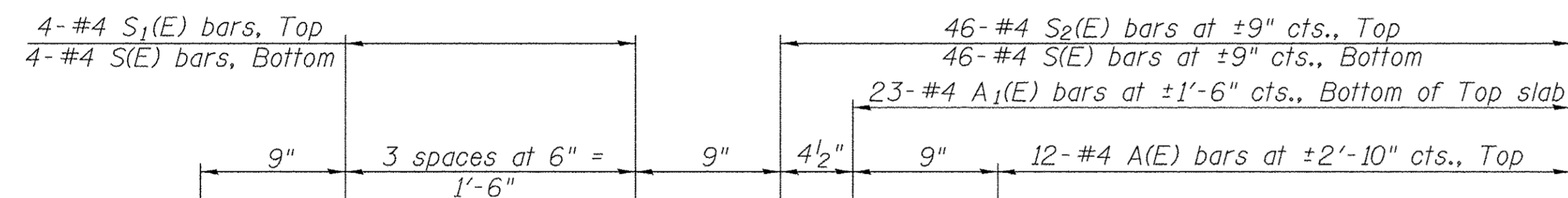
VIEW B-B



SECTION A-A

14-1/2"φ Strands Each Strand Stressed to 30,900 Lbs.
6-Strands 1 3/4" up, 6-Strands 3 3/4" up, 2-Strands 11 3/4" up

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



BAR S(E)

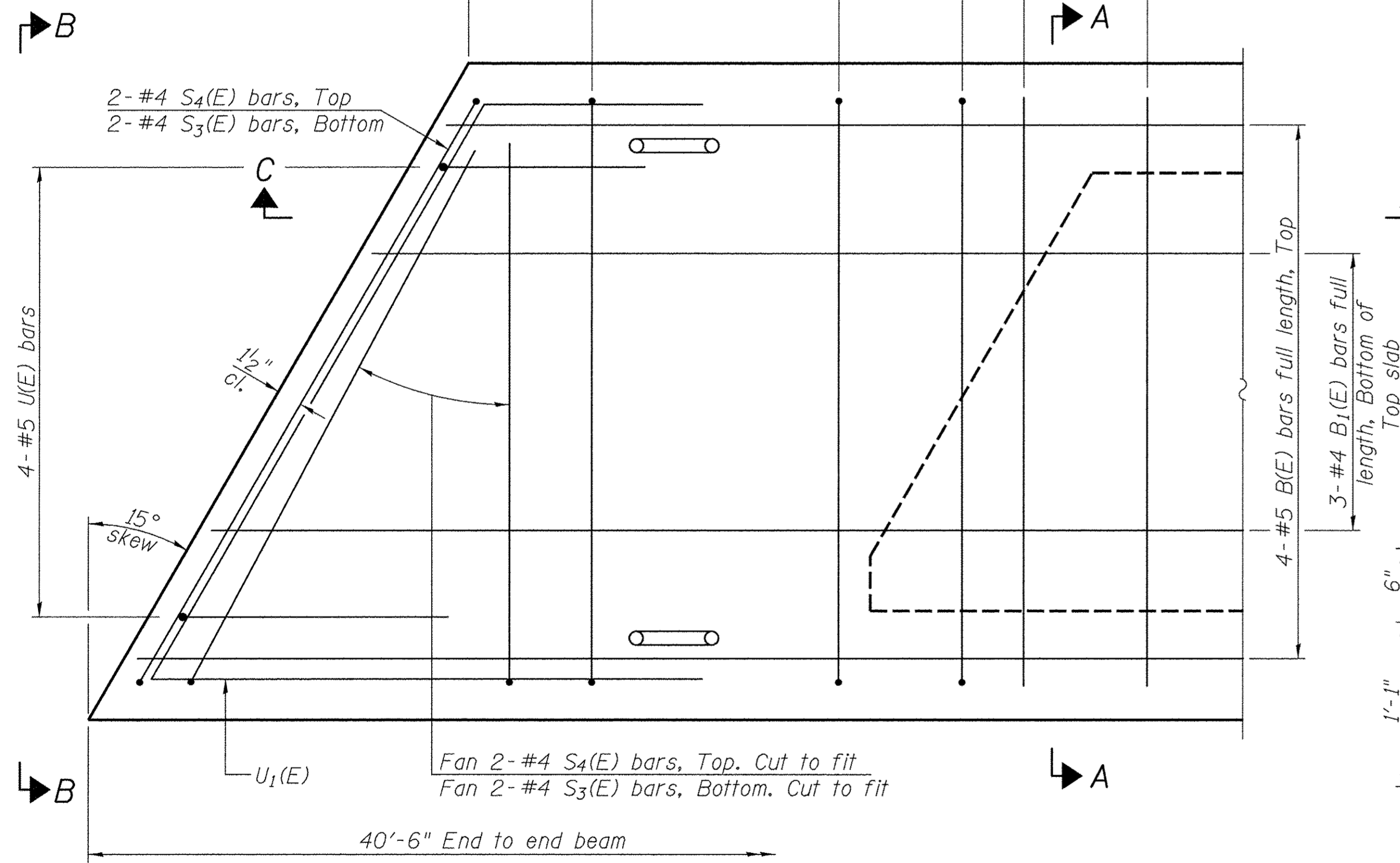
BAR S1(E)

BAR LIST - ONE BEAM ONLY
(For information only)

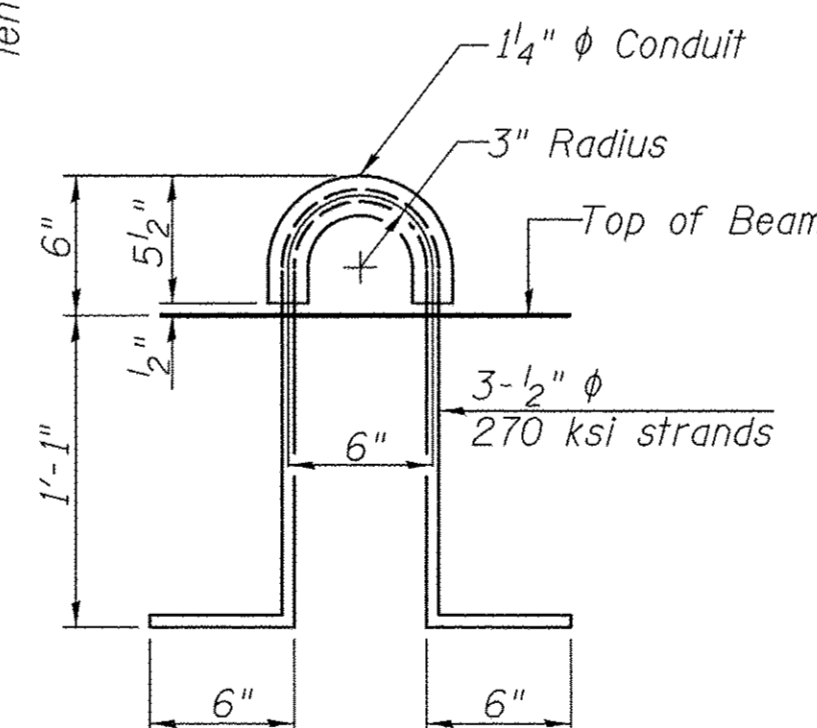
Bar	No.	Size	Length	Shape
A(E)	12	#4	2'-7"	—
A1(E)	23	#4	2'-10"	—
B(E)	4	#5	*40'-3"	—
B1(E)	3	#4	*40'-3"	—
S(E)	54	#4	5'-9"	—
S1(E)	8	#4	4'-3"	—
S2(E)	46	#4	4'-6"	—
S3(E)	8	#4	4'-2"	—
S4(E)	8	#4	3'-5"	—
U(E)	8	#5	3'-8"	—
U1(E)	2	#4	5'-9"	—

Note: See sheet 2 of 10 for additional details and Bill of Material.

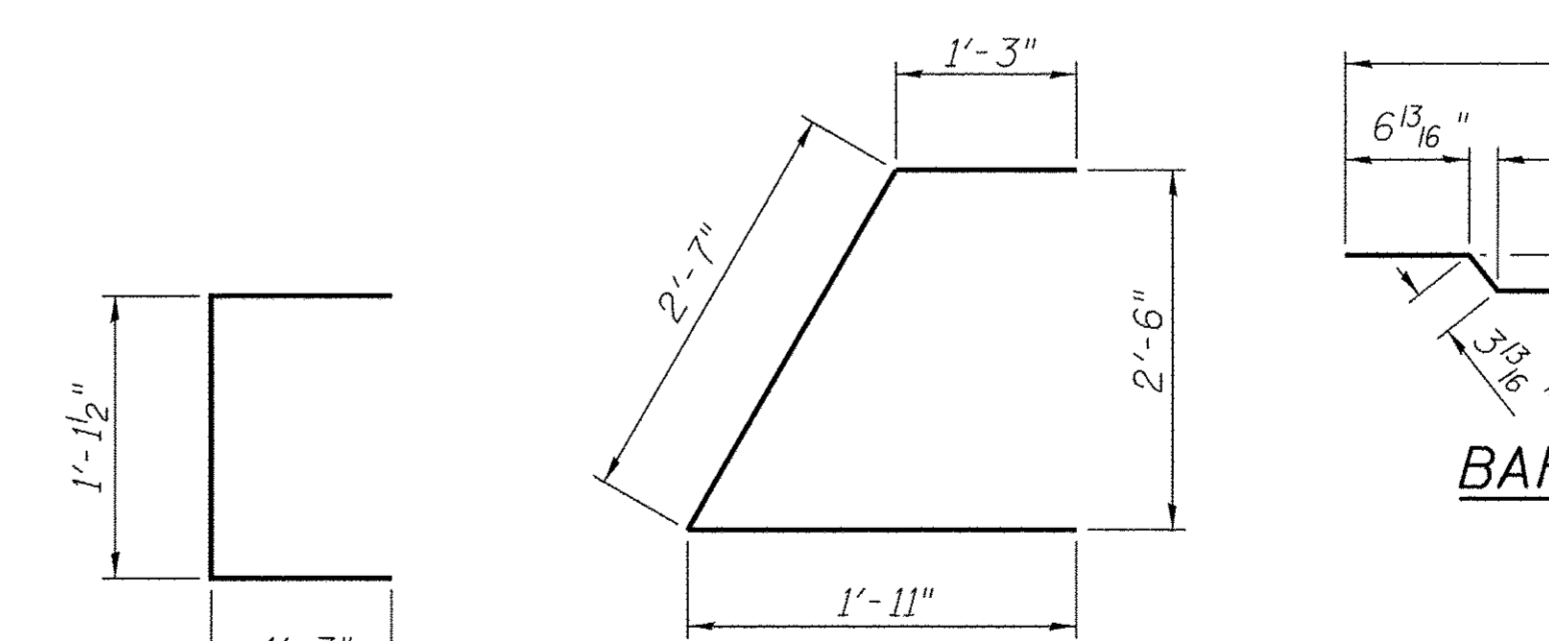
* Total Length, Lap as necessary



PLAN VIEW



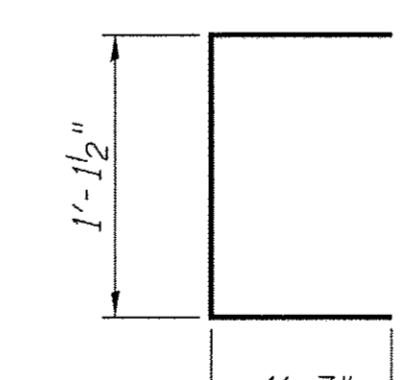
LIFTING LOOP DETAIL



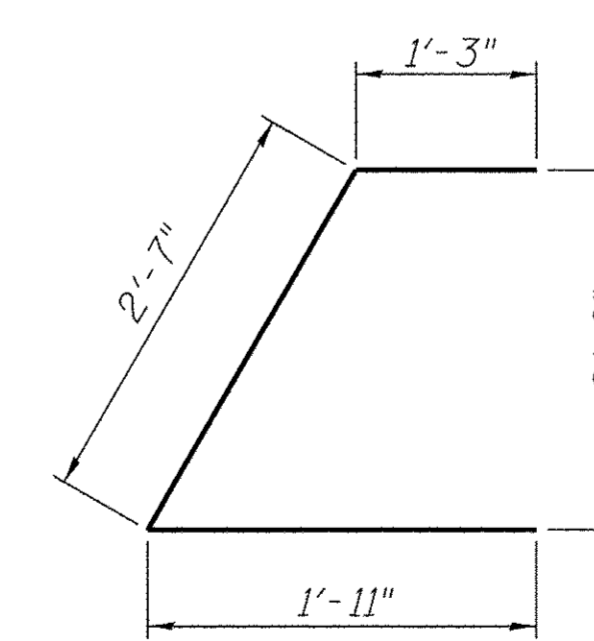
BAR S2(E)

BAR S3(E)

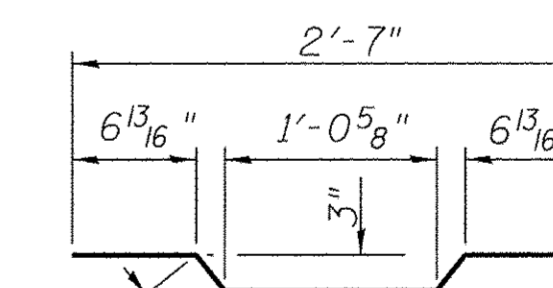
BAR S4(E)



BAR U(E)



BAR U1(E)



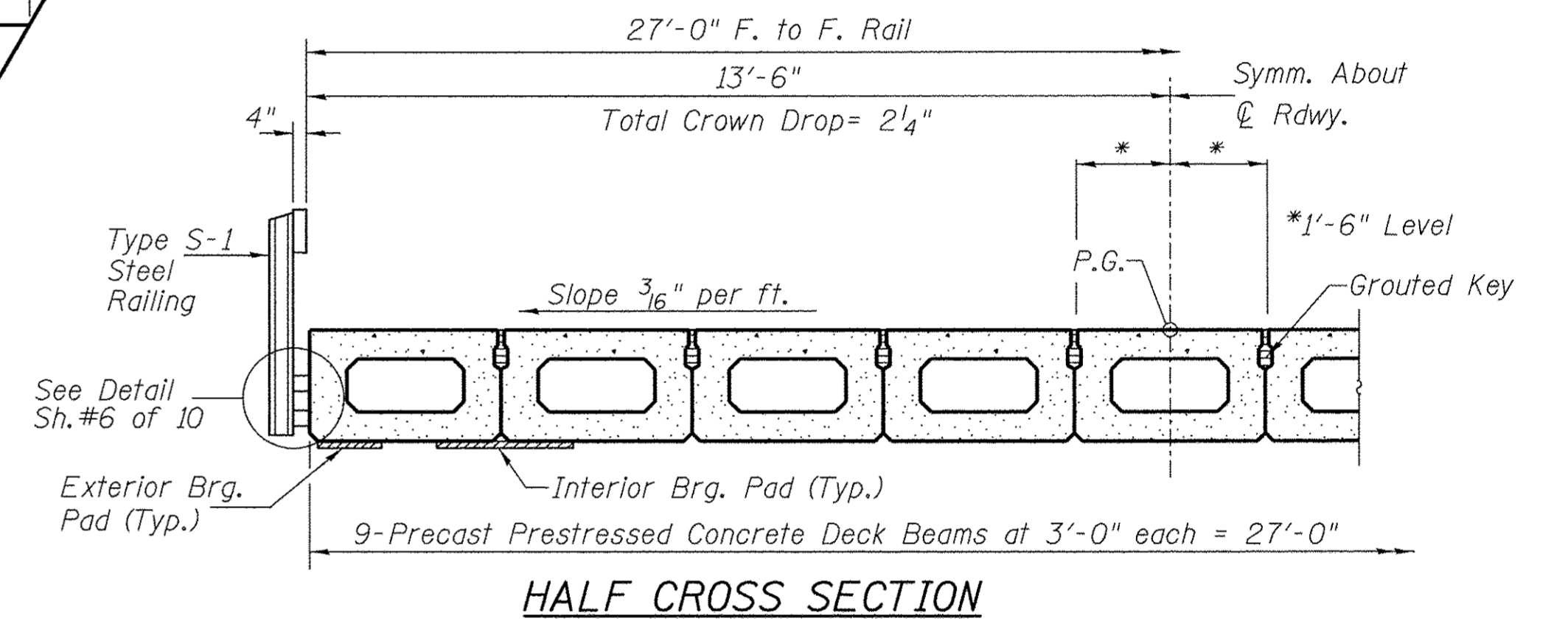
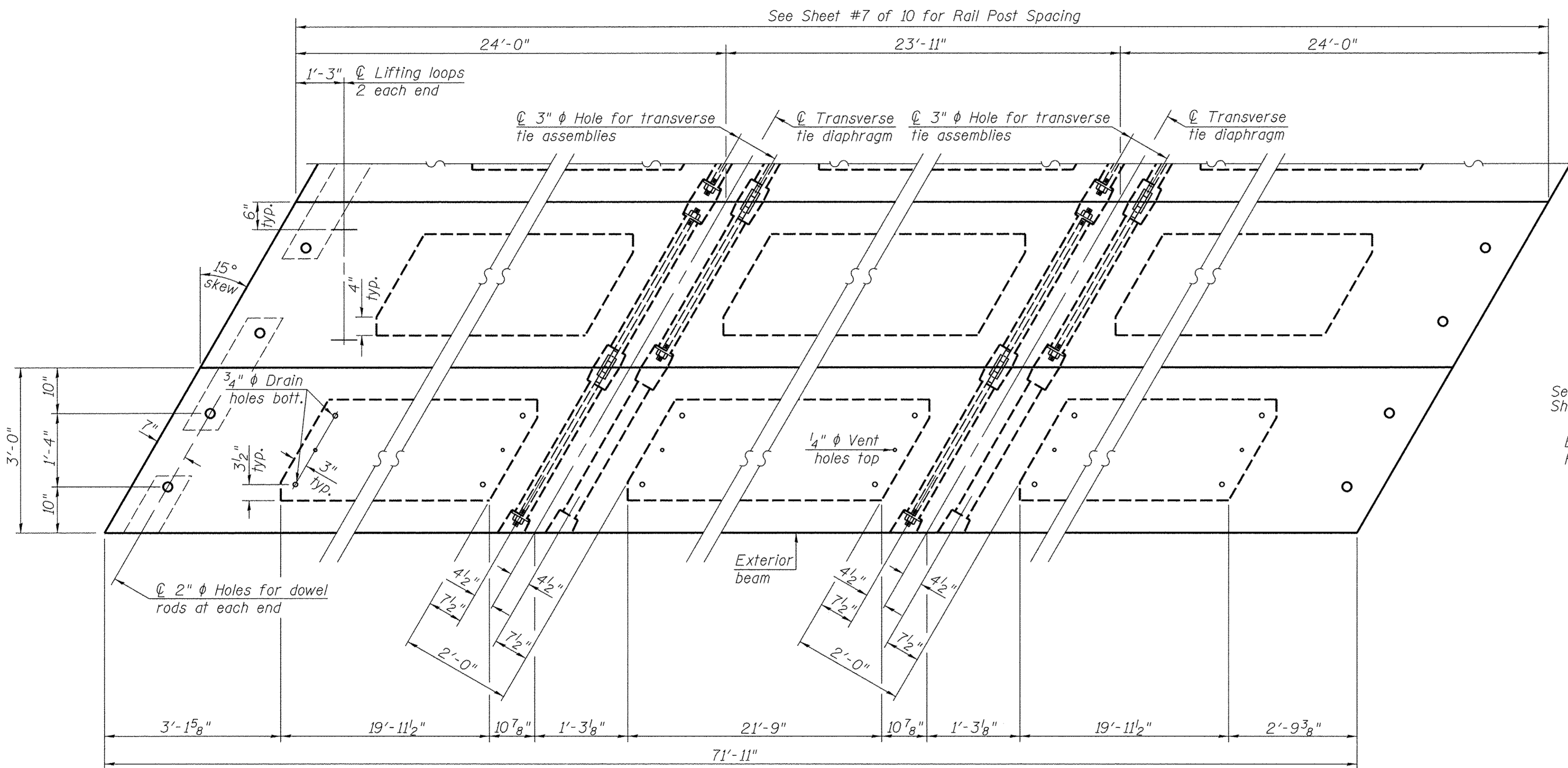
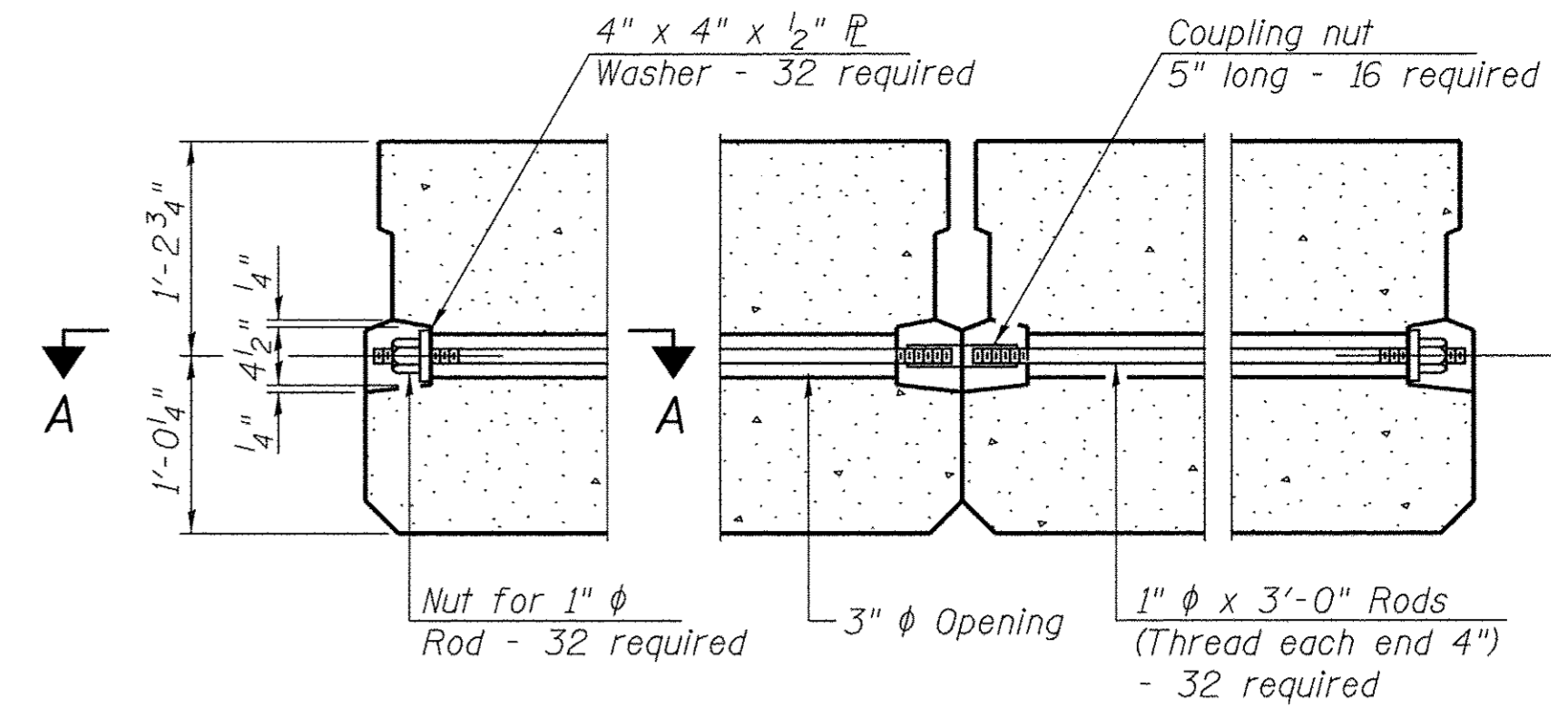
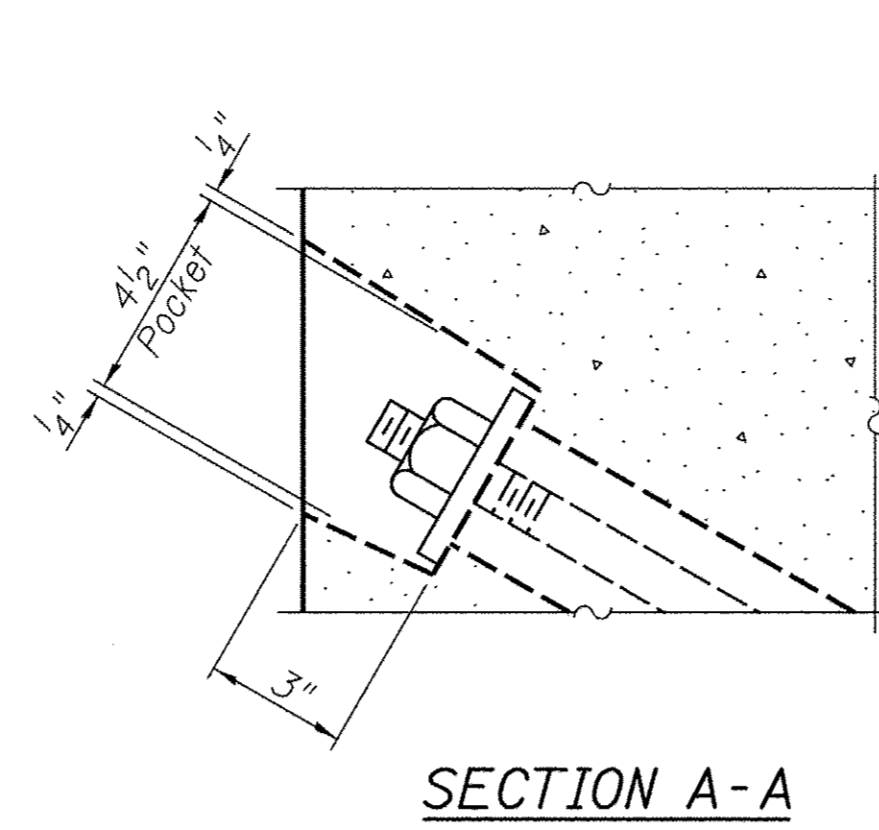
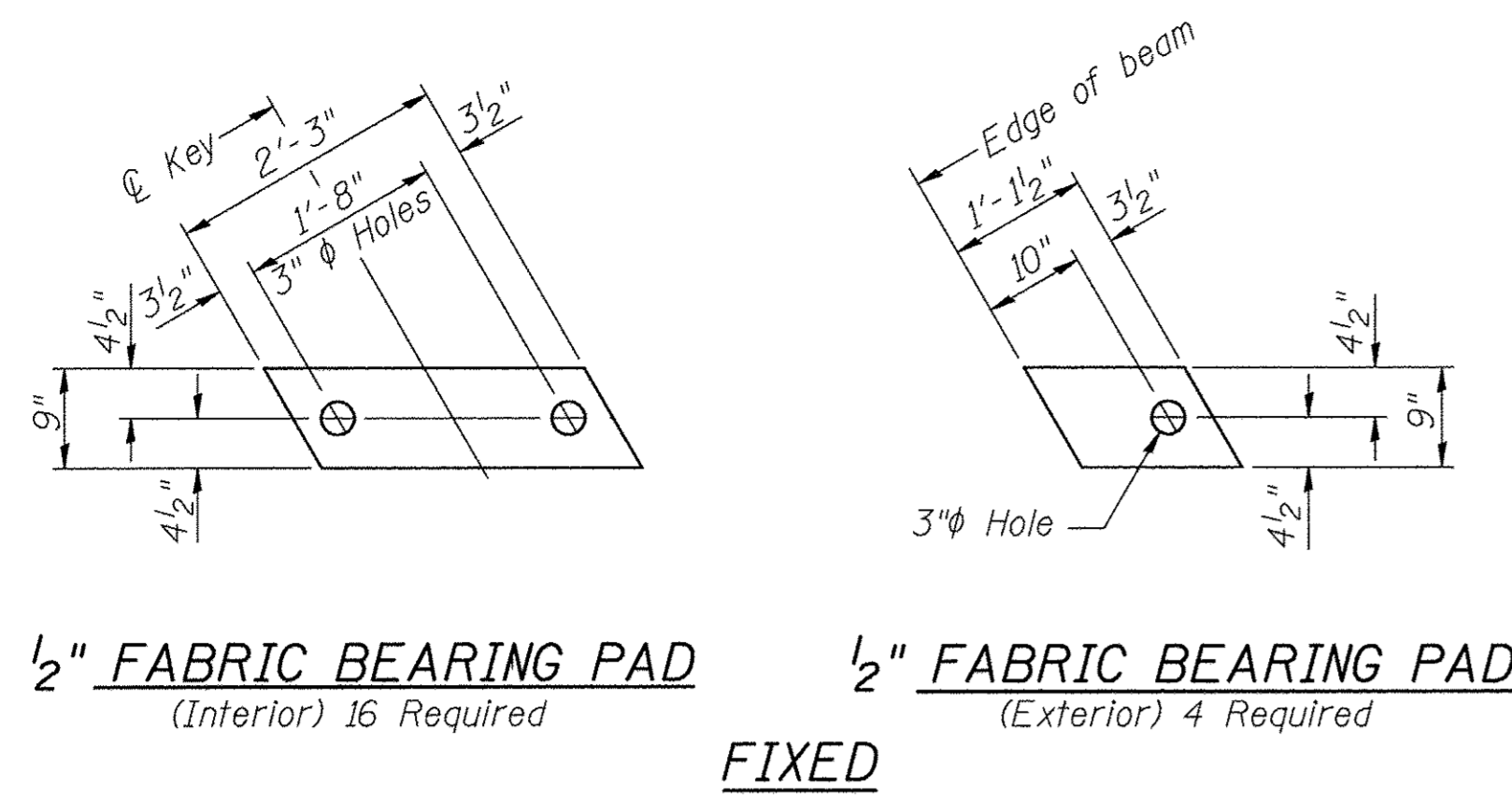
BAR A1(E)

MINIMUM BAR LAP
#4 bar = 2'-0"
#5 bar = 2'-6"

SUPERSTRUCTURE DETAILS - SPANS 1 & 3
SCOTT COUNTY
SECTION 02-07115-00-BR
T.R. 60 OVER MAUVAISE TERRE CREEK

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.

SHEET NO. 3 10 SHEETS	ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	TR 60	02-07115-00-BR	SCOTT	25	9
	S.N. 086-3727		CONTRACT NO. 93661		
	FED. ROAD DIST. 7	ILLINOIS	FED. AID PROJECT BROS-0171(038)		



BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Precast Prestressed Concrete Deck Beams (27" Depth)	SQ FT	1,942

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.

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" diameter lifting pin shall be used to engage the lifting loops during handling.

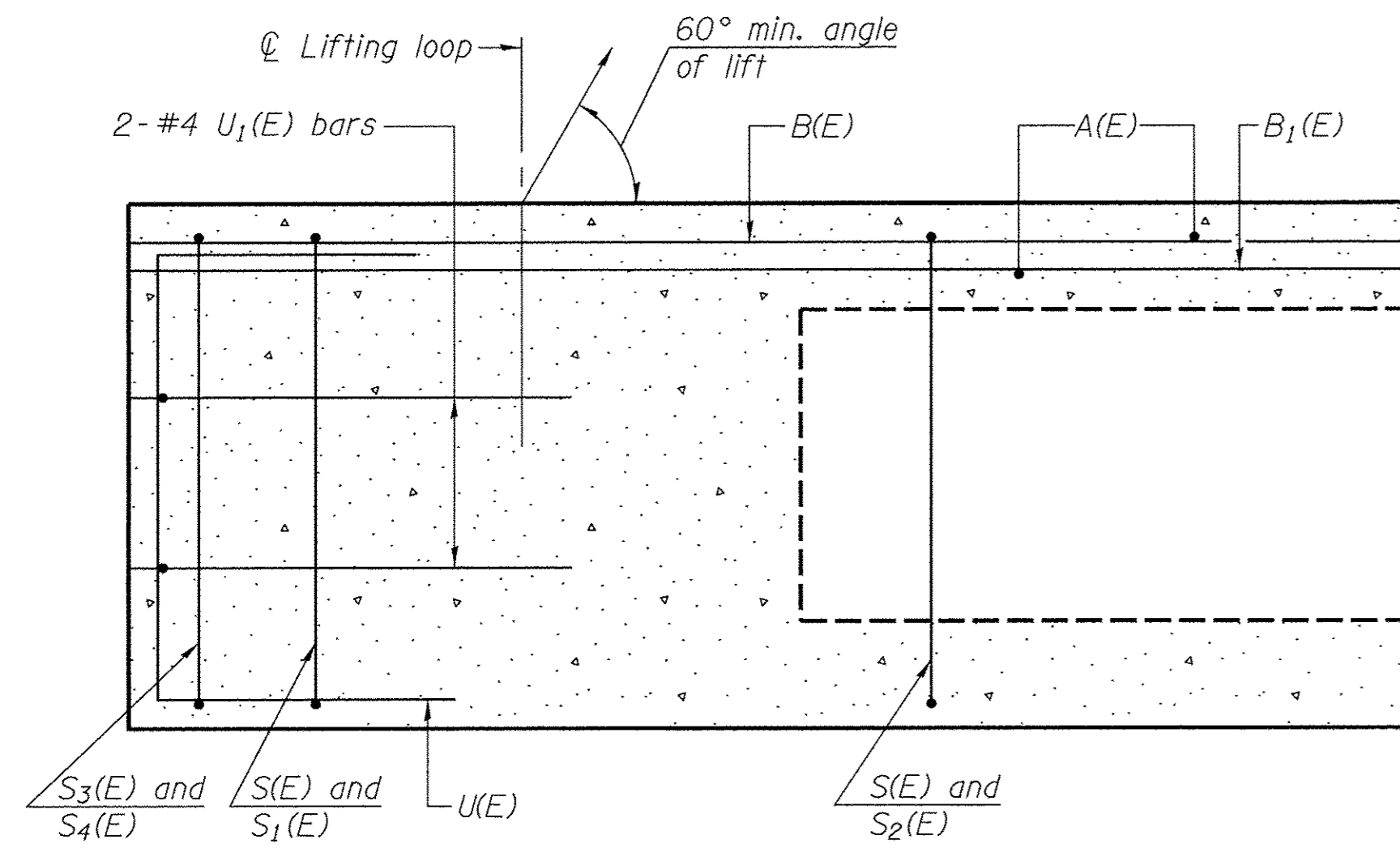
Corrosion Inhibitor, per Article 1020.05(b)(10) and 1021.07 of the Standard Specifications, shall be used in the concrete for precast prestressed concrete deck beams.

Compressive strength of prestressed concrete, f'c, shall be 6000 psi.

Compressive strength of prestressed concrete at release, f'ci, shall be 5000 psi.

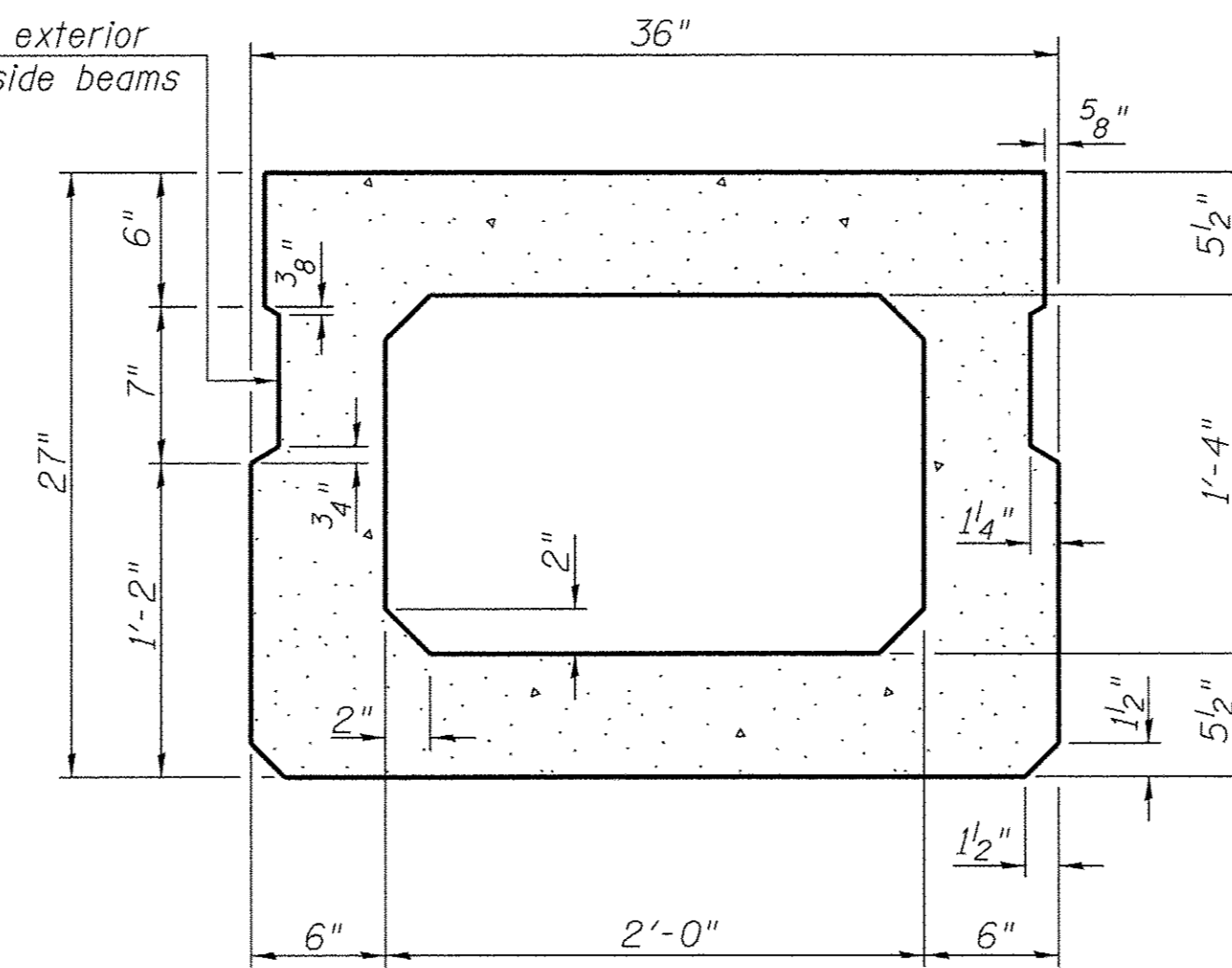
SUPERSTRUCTURE - SPAN 2
SCOTT COUNTY
SECTION 02-07115-00-BR
T.R. 60 OVER MAUVAISE TERRE CREEK

SHEET NO.	ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4	TR 60	02-07115-00-BR	SCOTT	25	10
10 SHEETS			S.N. 086-3727	CONTRACT NO. 93661	
FED. ROAD DIST. 7		ILLINOIS	FED. AID PROJECT BROS-0171(038)		

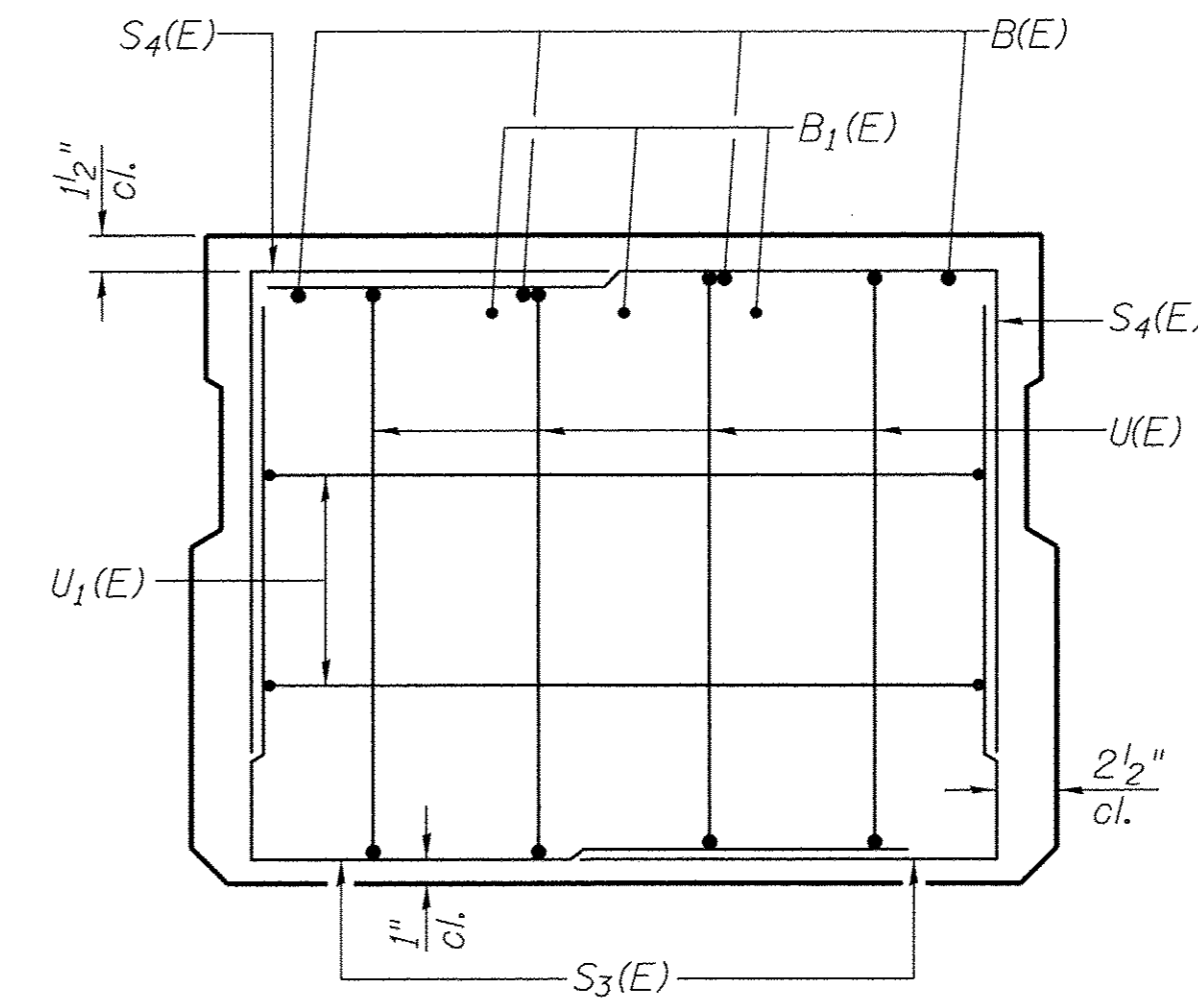


SECTION C-C

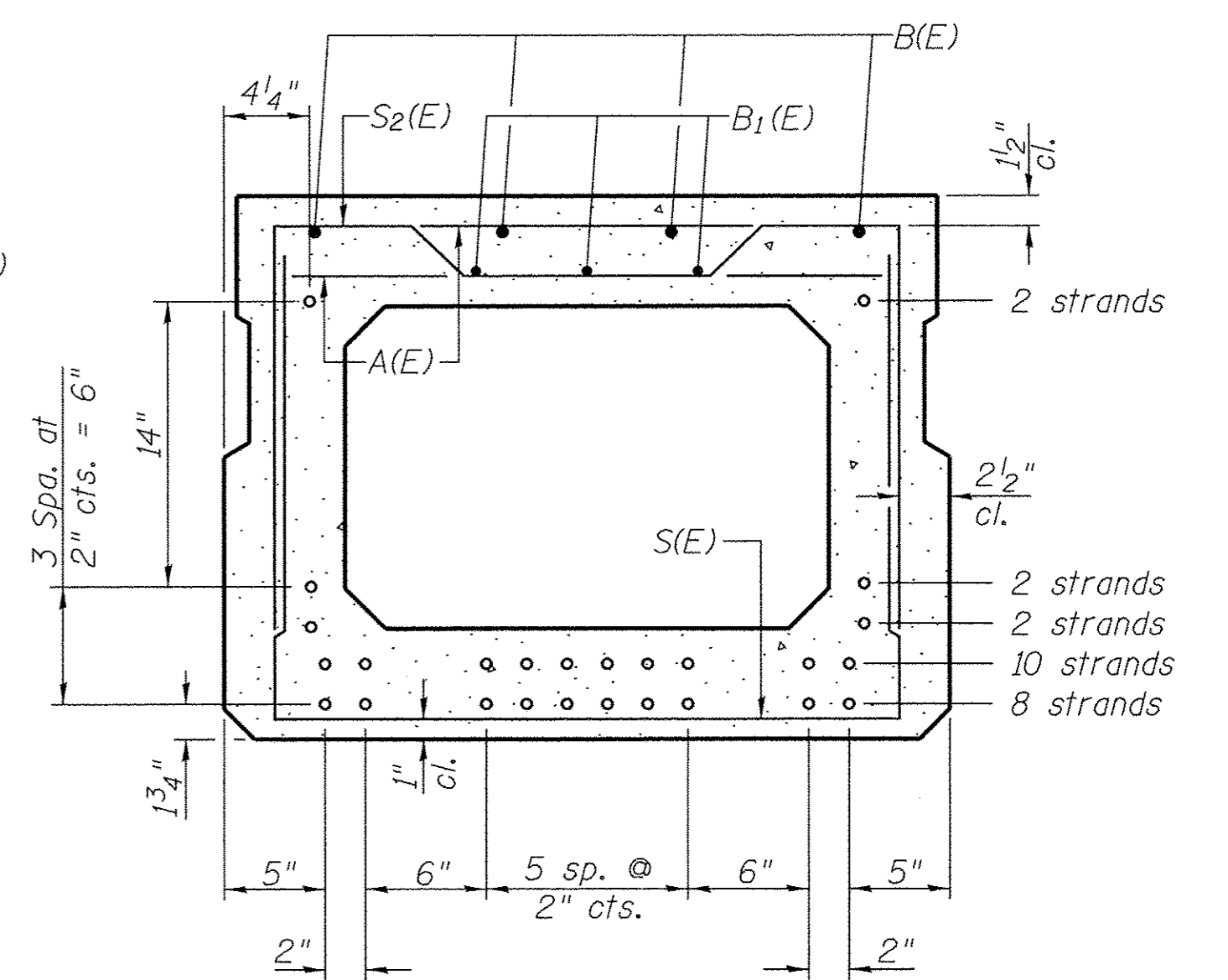
**Omit key on exterior face of outside beams



SECTION A-A
(Showing Dimensions)



VIEW B-B

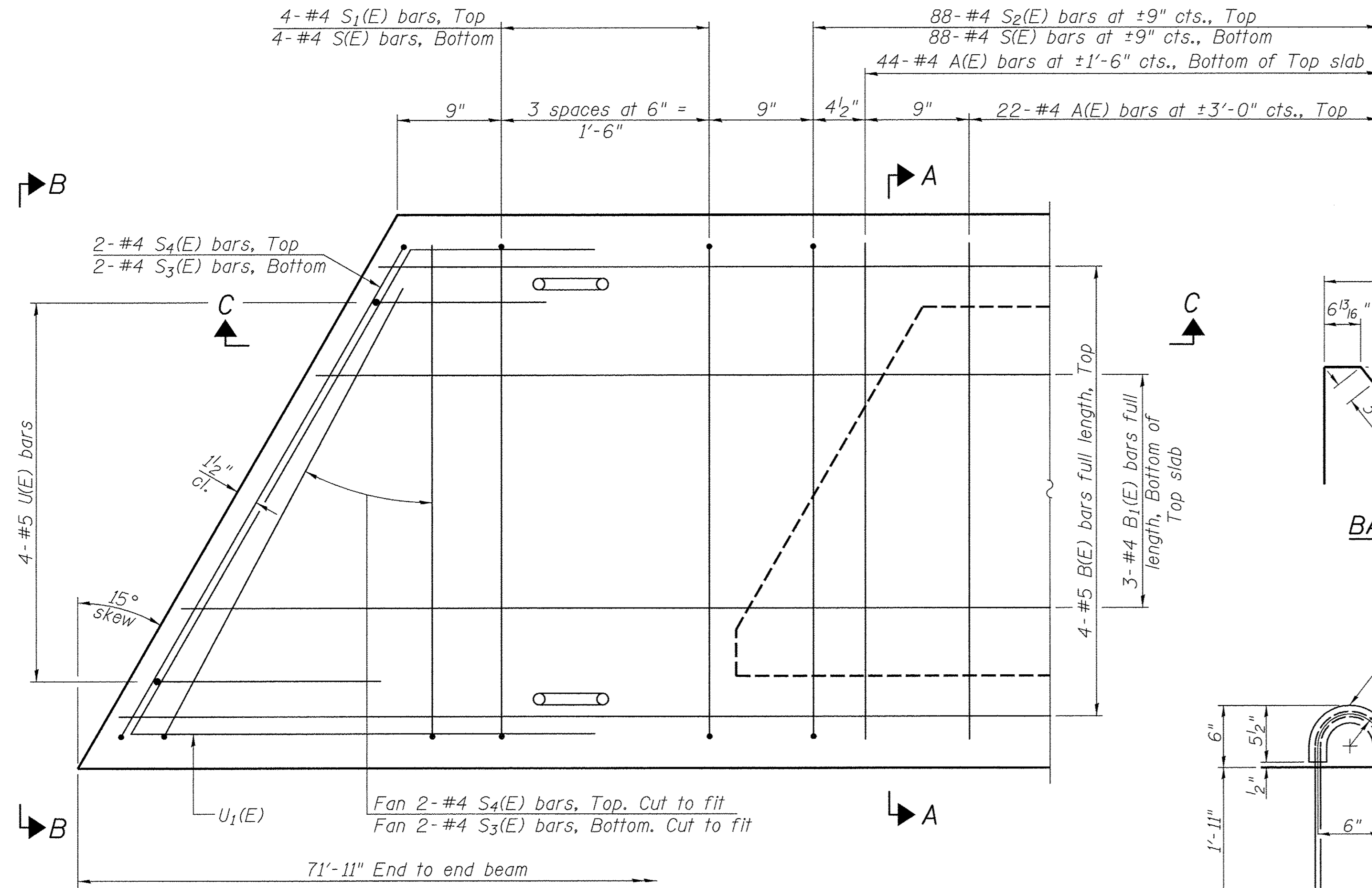


SECTION A-A

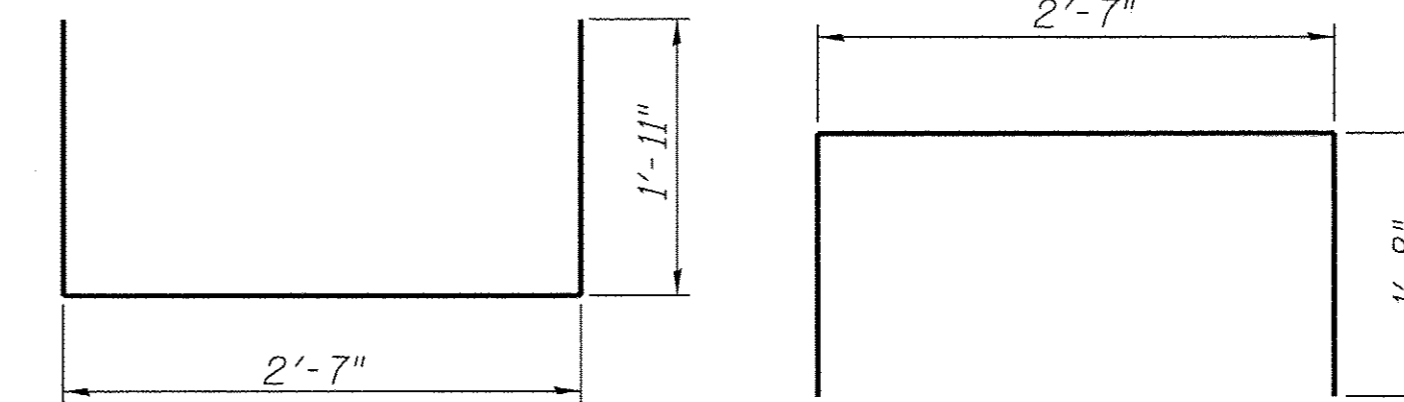
**Rail post anchor devices (Sheet 6 of 10) to be cast into exterior face of outside beams.

24-1/2" Strands Each Strand Stressed to 30,900 Lbs.
8-Strands 1 3/4" up, 10-Strands 3 3/4" up, 2-Strands 5 3/4" up,
2-Strands 7 3/4" up, 2-Strands 1'-9 3/4" up

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

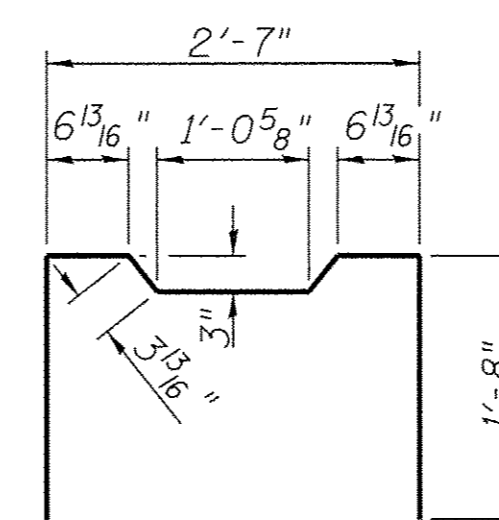


PLAN VIEW

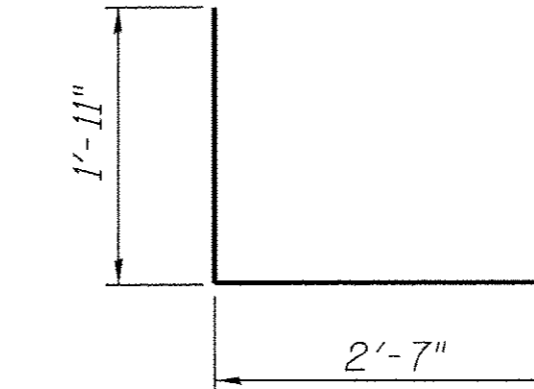


BAR S(E)

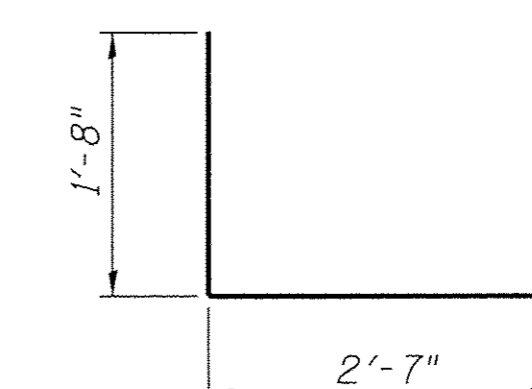
BAR S1(E)



BAR S2(E)

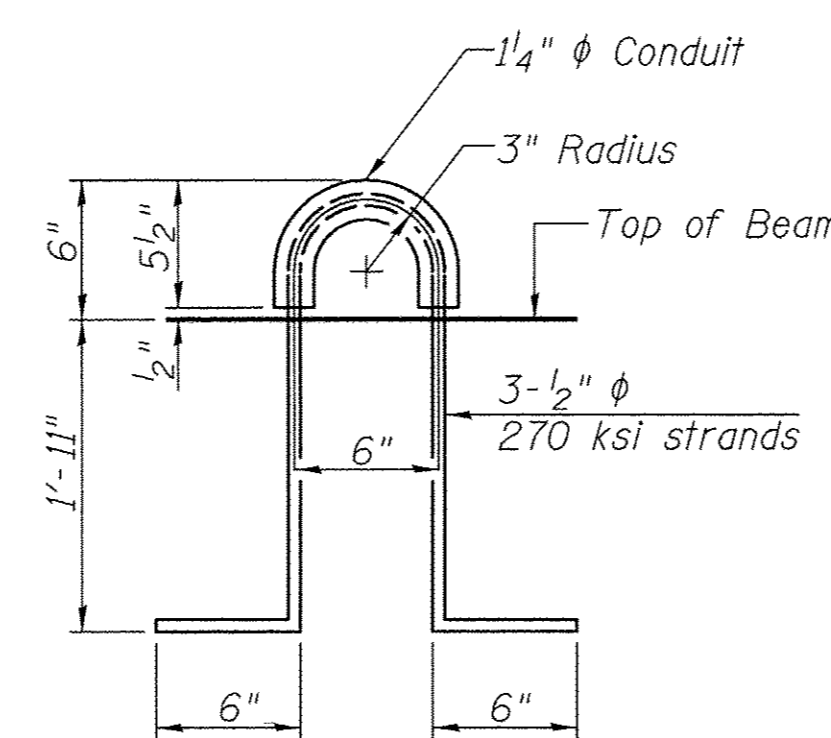


BAR S3(E)

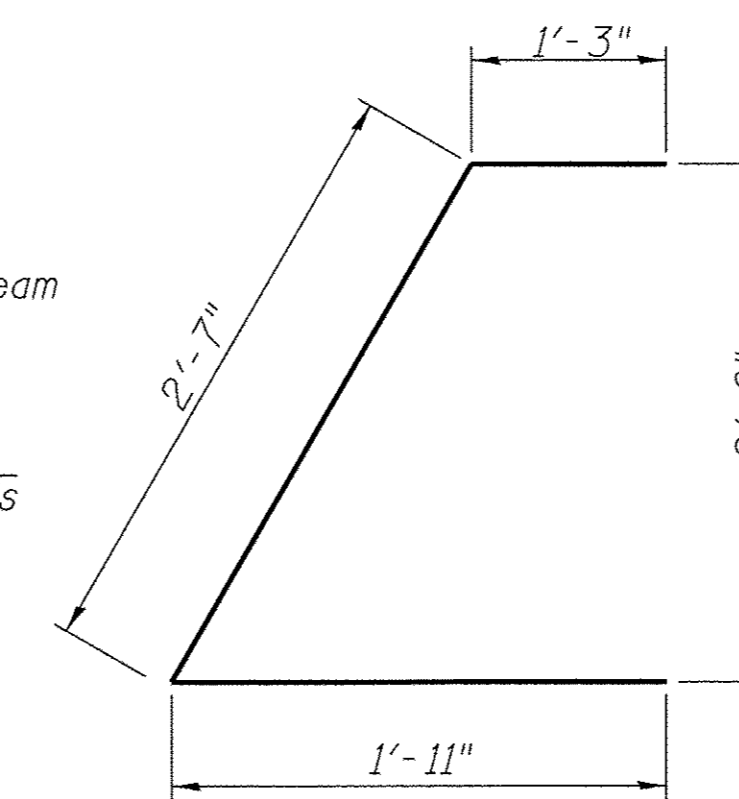


BAR S4(E)

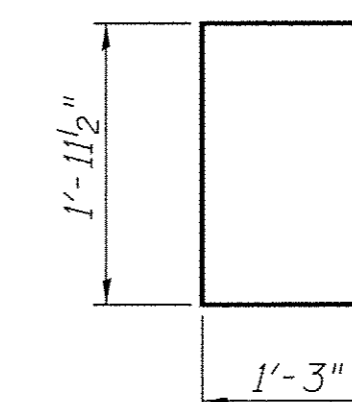
↑ C



LIFTING LOOP DETAIL



BAR U1(E)



BAR U(E)

BAR LIST-ONE BEAM ONLY
(For information only)

Bar	No.	Size	Length	Shape
A(E)	66	#4	2'-7"	—
B(E)	4	#5	*7'-8"	—
B1(E)	3	#4	*7'-8"	—
S(E)	96	#4	6'-5"	┌
S1(E)	8	#4	5'-11"	┌
S2(E)	88	#4	6'-2"	┌
S3(E)	8	#4	4'-6"	┌
S4(E)	8	#4	4'-3"	┌
U(E)	8	#5	4'-6"	┌
U1(E)	4	#4	5'-9"	┌

Note: See sheet 4 of 10 for additional details and Bill of Material.

* Total Length, Lap as necessary

MINIMUM BAR LAP

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

SUPERSTRUCTURE DETAILS - SPAN 2

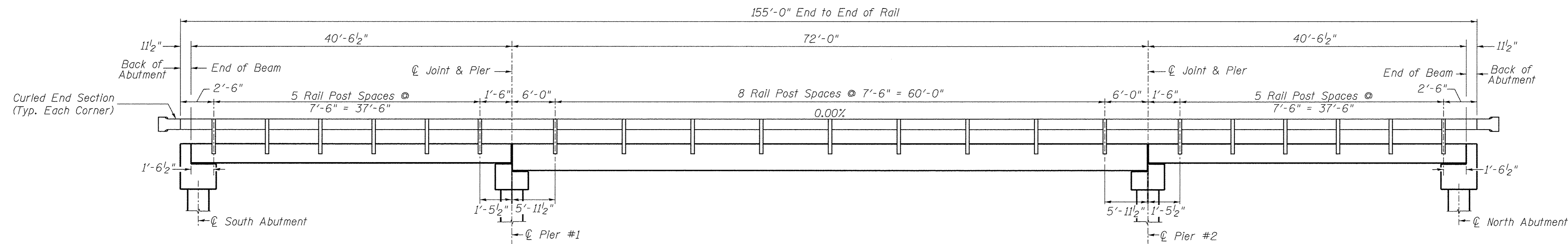
SCOTT COUNTY

SECTION 02-07115-00-BR

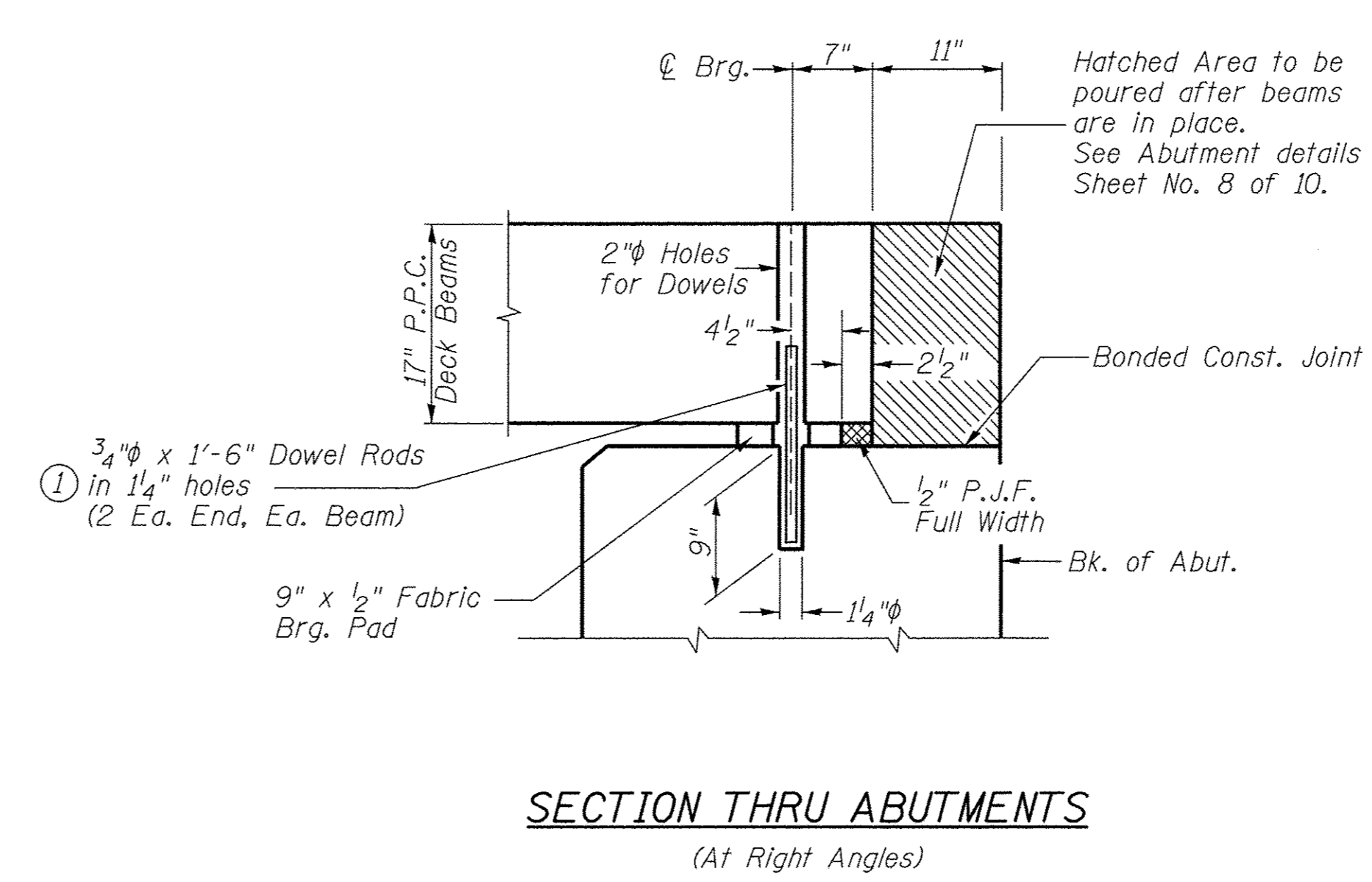
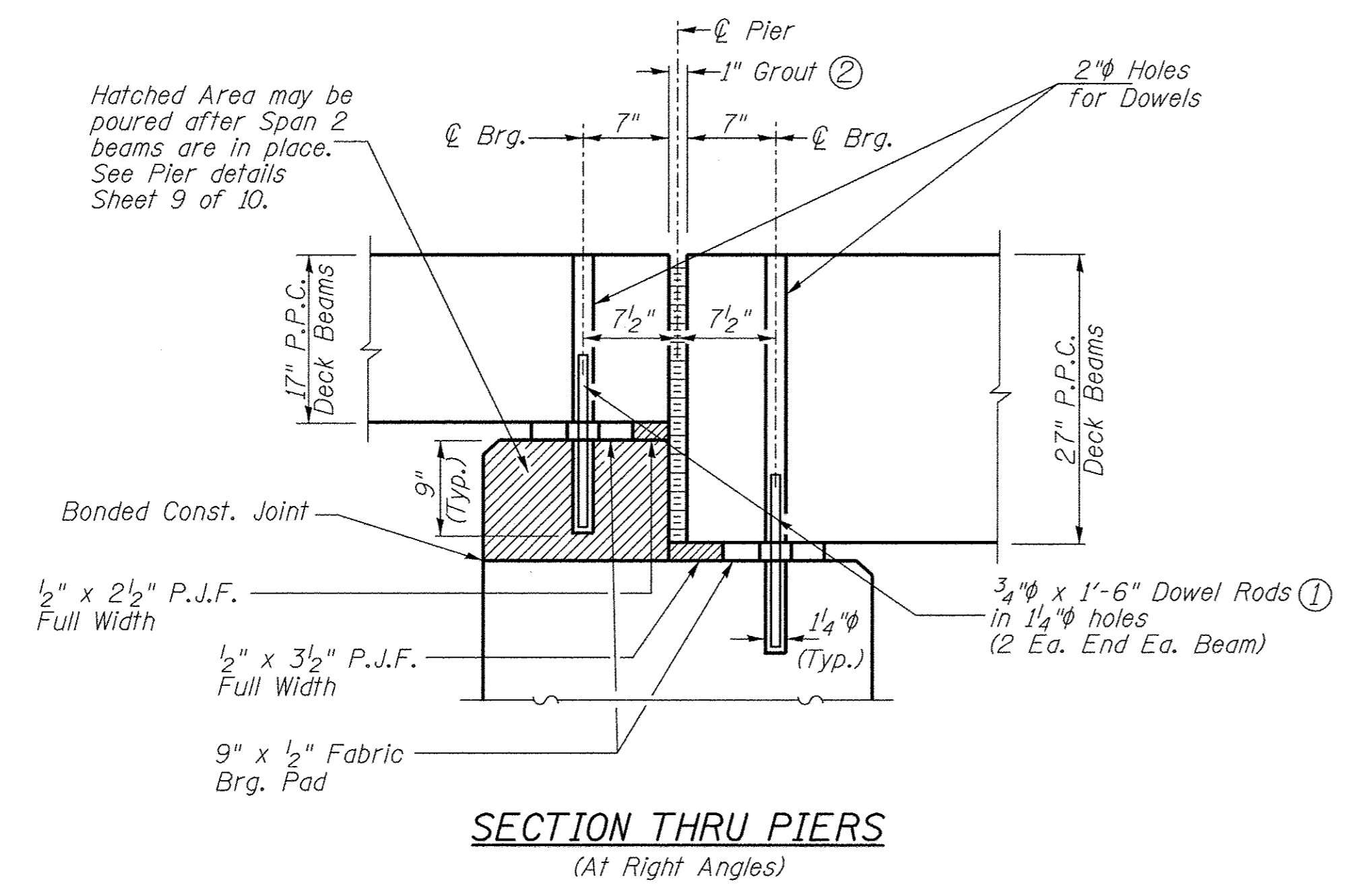
T.R. 60 OVER MAUVAISE TERRE CREEK

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.

SHEET NO. 5 10 SHEETS	ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	TR 60	02-07115-00-BR	SCOTT	25	11
S.N. 086-3727			CONTRACT NO. 93661		
FED. ROAD DIST. 7		ILLINOIS	FED. AID PROJECT BROS-0171(038)		



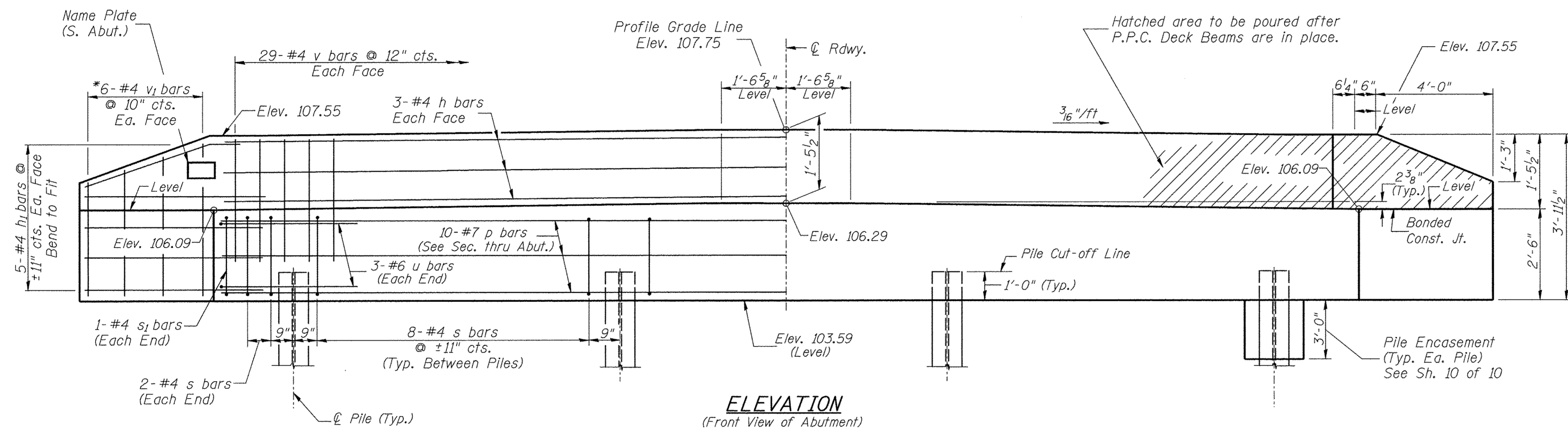
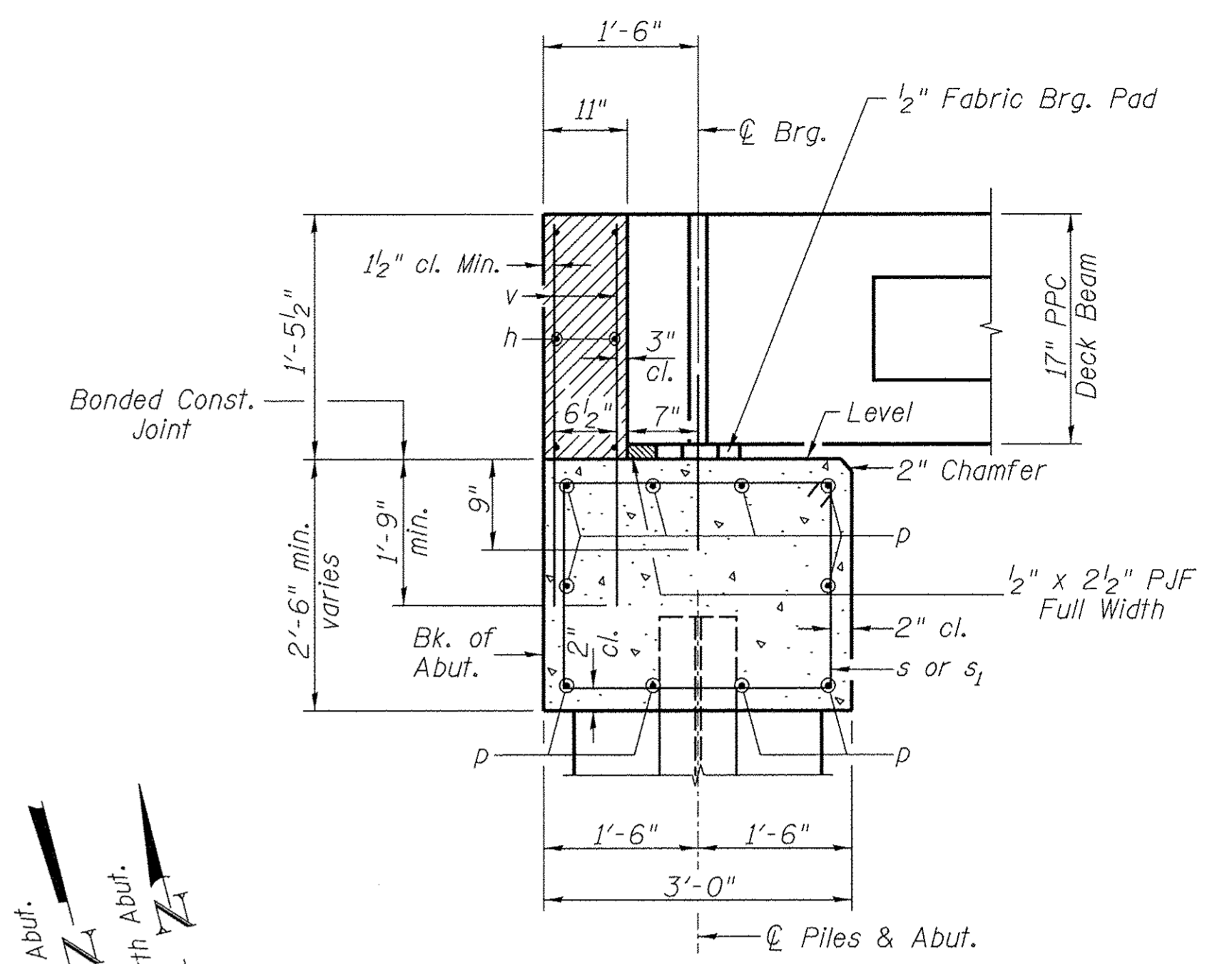
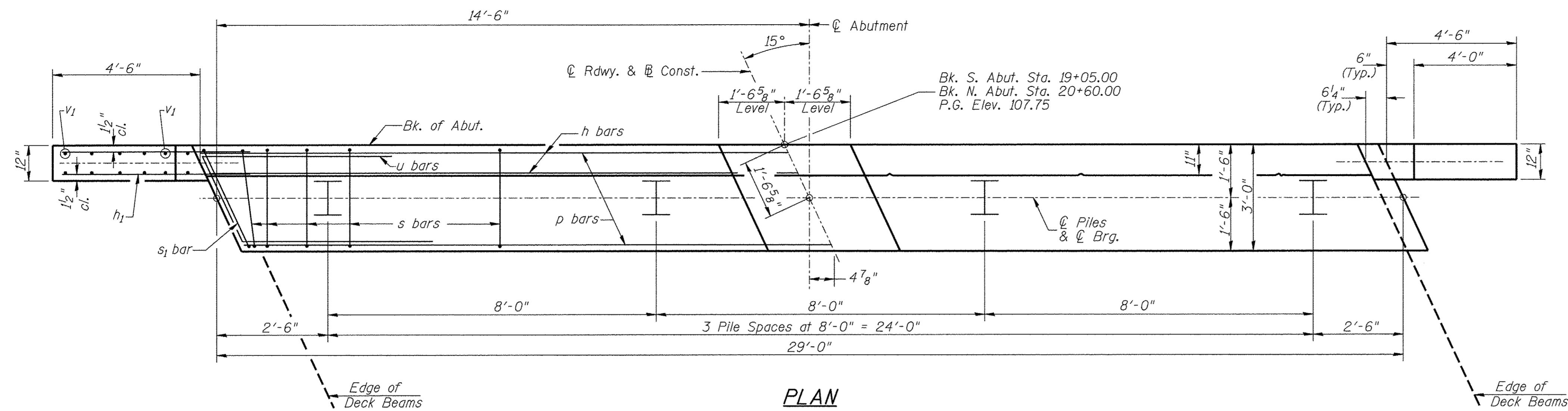
RAIL POST SPACING



- ① Dowel Rods to be grouted after beams are in place and allowed to cure (Min. 24 hr.) prior to grouting the shear keys.
- ② 1" Joint shall be packed with a very dry mix of 2:1 sand and P.C. mortar. 1" Dimension may vary plus or minus to accommodate tolerance in beam lengths.

RAIL POST SPACING AND SUPERSTRUCTURE DETAILS
SCOTT COUNTY
SECTION 02-07115-00-BR
T.R. 60 OVER MAUVAISE TERRE CREEK

SHEET NO. 7 10 SHEETS	ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	TR 60	02-07115-00-BR	SCOTT	25	13
	S.N. 086-3727		CONTRACT NO. 93661		
	FED. ROAD DIST. 7	ILLINOIS	FED. AID PROJECT BR0S-0171(038)		



DESIGN STRESSES

$f'_c = 3,500$ p.s.i.

$f_y = 60,000$ p.s.i.

NOTES

- The Backwall and the portion of the Wingwalls above the bonded construction joint shall be cast against the in-place beam.
- Reinforcement bars shall conform to ASTM A706 Grade 60.

PILE DATA

Type & Size: Steel HP10x42

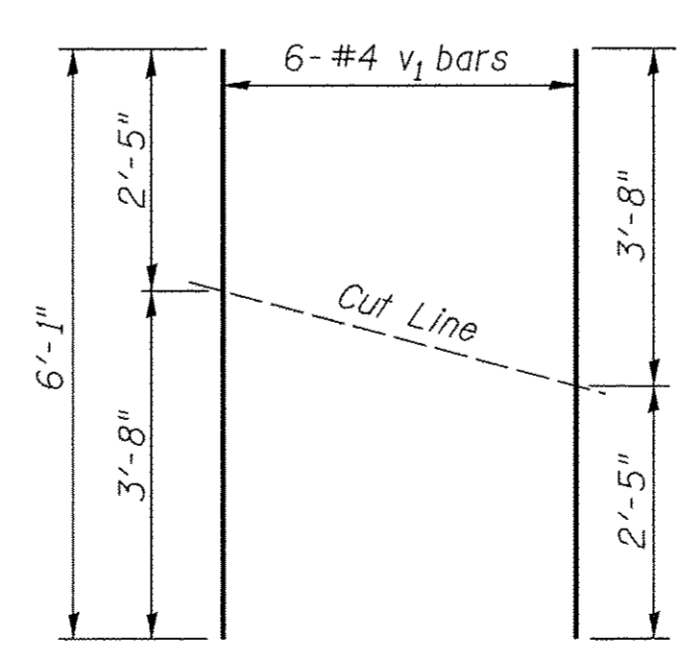
Nominal Required Bearing: 335 kips

Factored Resistance Available: 184 kips

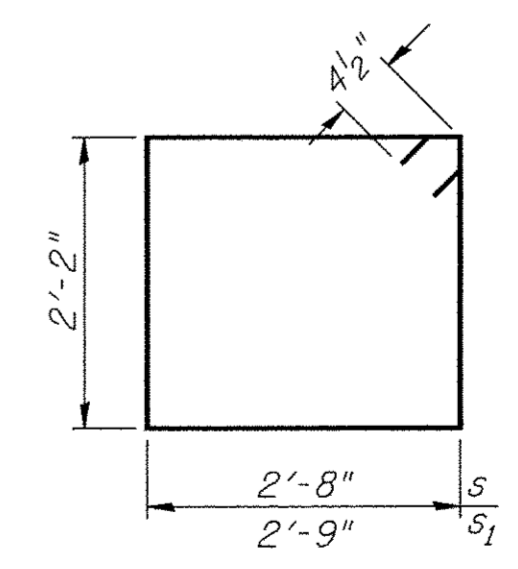
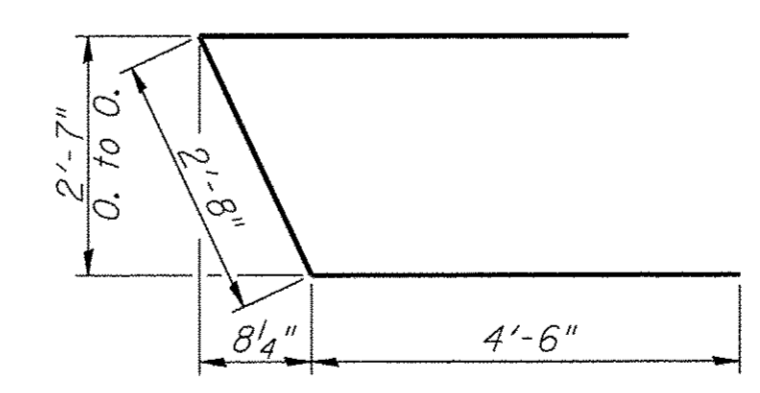
Est. Length: 42' South Abutment

42' North Abutment

No. Req'd.: 8 (Includes 1 Test Pile at South Abut.)



*Order v1 bars full length. Cut as shown and use remainder of bars in opposite face.



TWO ABUTMENTS BILL OF MATERIAL

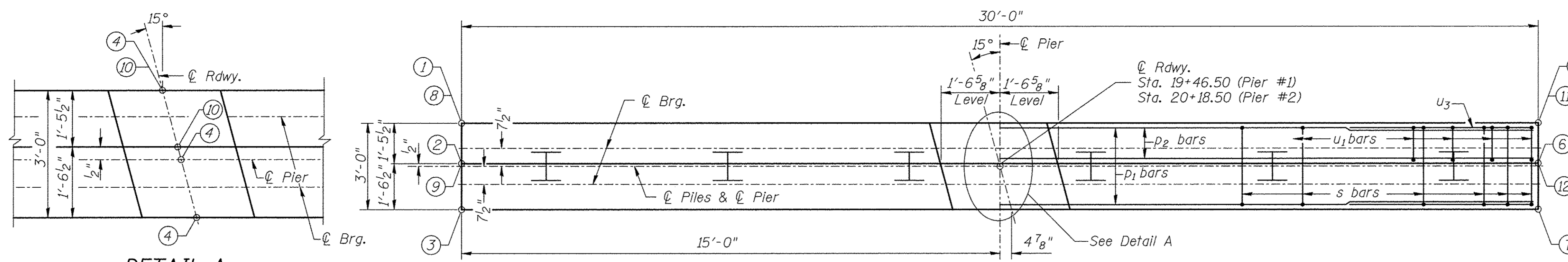
BAR	NO.	SIZE	LENGTH	SHAPE
h	12	#4	28'-9"	—
h1	40	#4	6'-6"	—
p	20	#7	28'-9"	—
s	56	#4	10'-5"	□
s1	4	#4	10'-7"	□
u	12	#6	11'-8"	—
v	116	#4	3'-2"	—
v1	24	#4	6'-1"	—
Concrete Structures			CU YD	22.0
Reinforcement Bars			POUND	2,550
Structure Excavation			CU YD	60
Name Plates			EACH	1
Furnishing Steel Piles HP10x42			FOOT	294
Driving Piles			FOOT	294
Test Pile Steel HP10x42			EACH	1
Concrete Encasement			CU YD	2.8

ABUTMENTS SCOTT COUNTY SECTION 02-07115-00-BR T.R. 60 OVER MAUVAISE TERRE CREEK

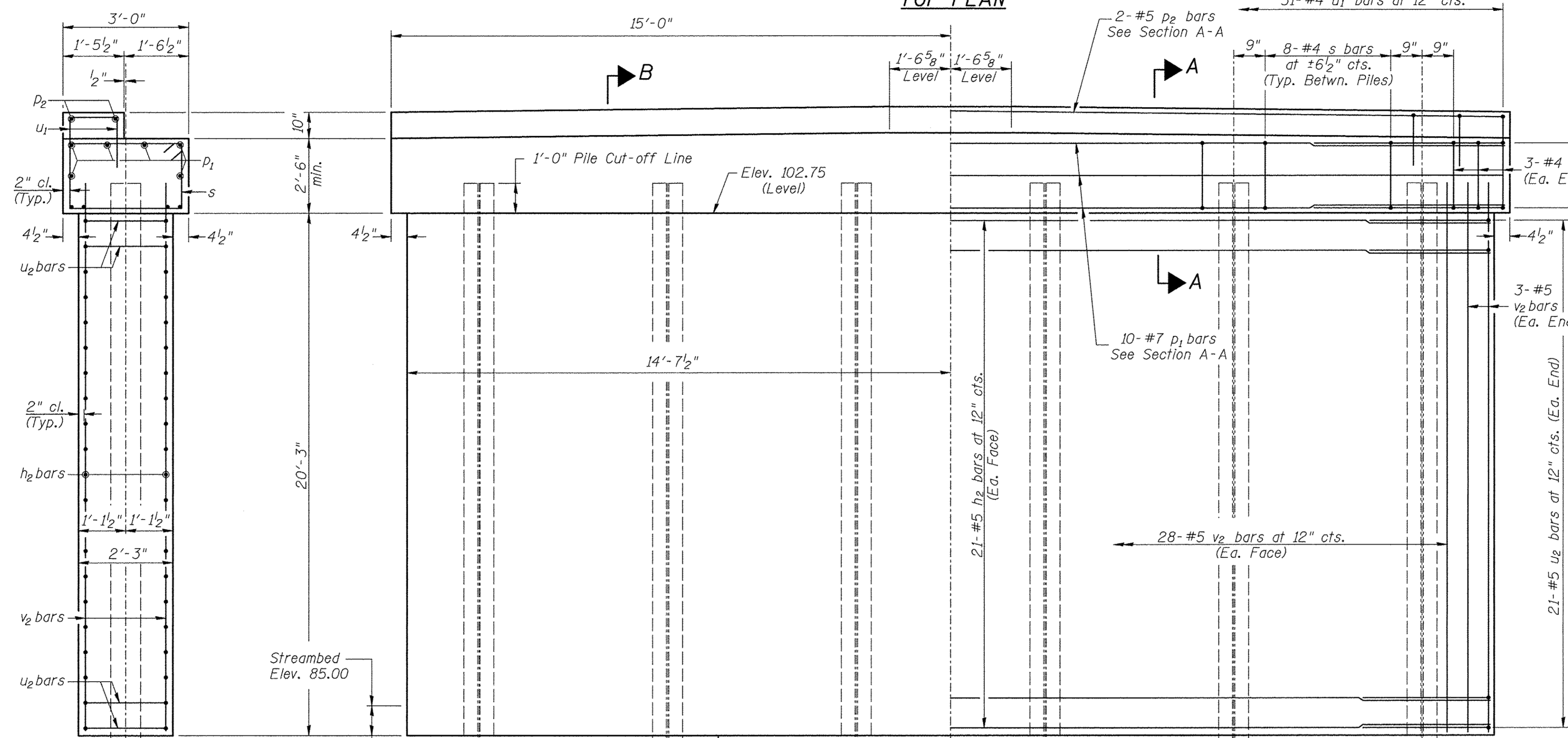
SHEET NO. 8 10 SHEETS	ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	TR 60	02-07115-00-BR	SCOTT	25	14
	S.N. 086-3727		CONTRACT NO. 93661		
FED. ROAD DIST. 7		ILLINOIS	FED. AID PROJECT BR05-0171038)		

TABLE OF ELEVATIONS

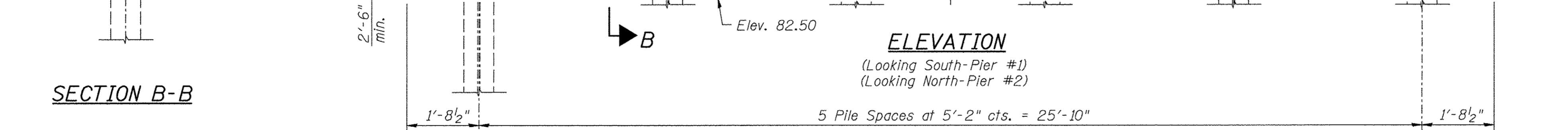
Location	Description	Elevation
①	Top of Cap	105.26
②	Top of Cap	105.26
③	Top of Cap	105.25
④	Top of Cap	105.46
⑤	Top of Cap	105.25
⑥	Top of Cap	105.26
⑦	Top of Cap	105.26
⑧	Top of Step	106.09
⑨	Top of Step	106.09
⑩	Top of Step	106.29
⑪	Top of Step	106.08
⑫	Top of Step	106.09



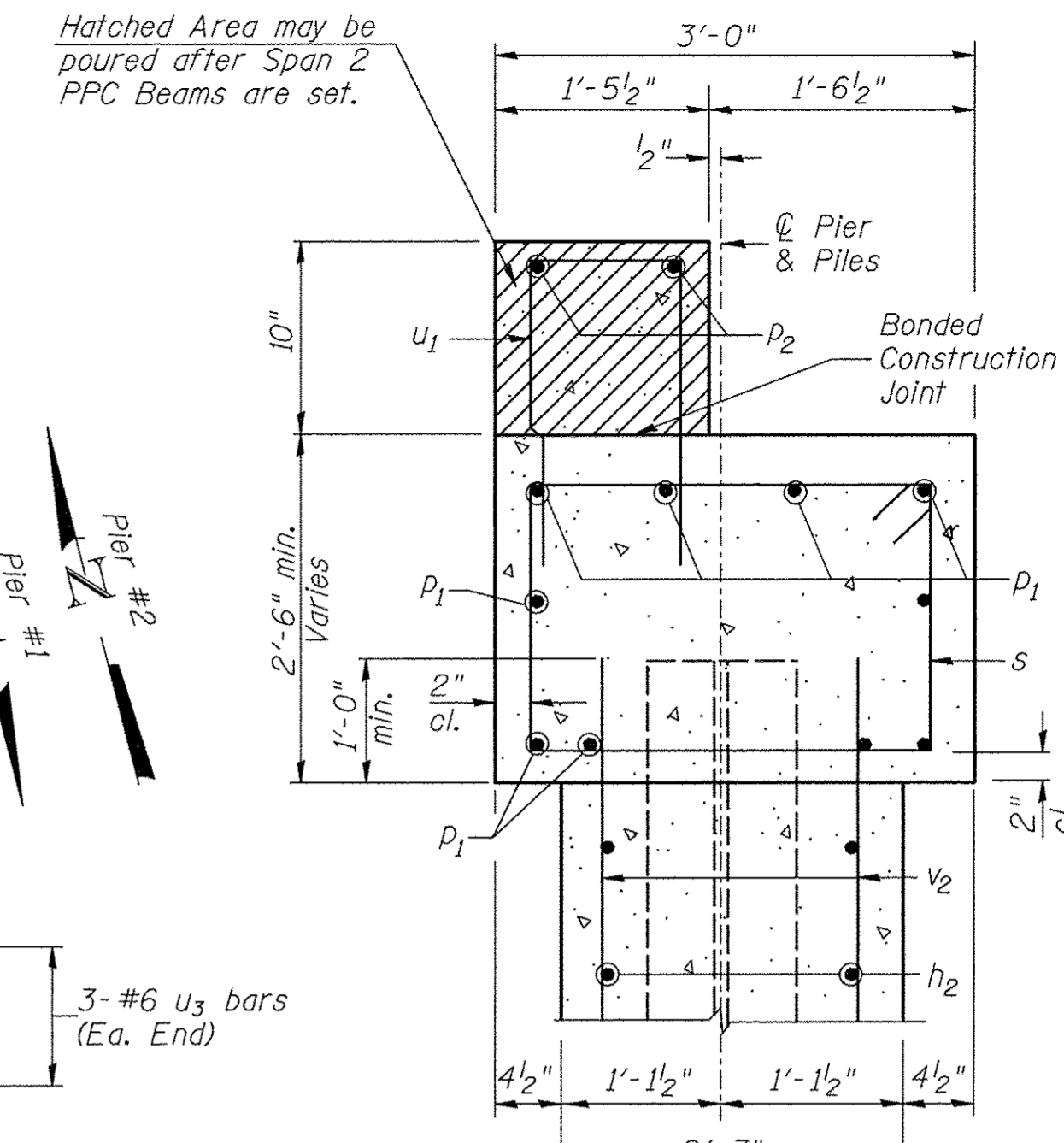
DETAIL A



TOP PLAN

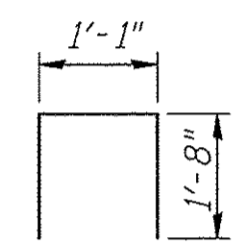


SECTION B-B

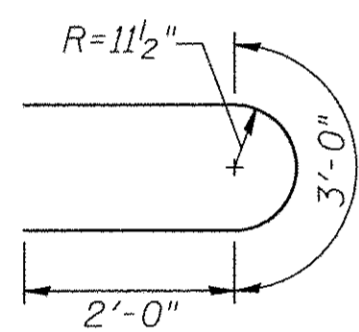


SECTION A-A

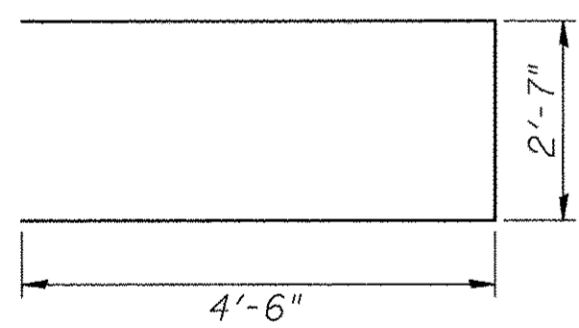
NOTES:
 All edges shall have standard 3/4" chamfer.
 The Pier Stem shall be constructed in a single continuous concrete pour.



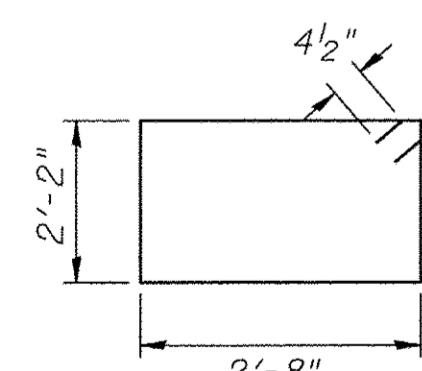
BAR u1



BAR u2



BAR u3



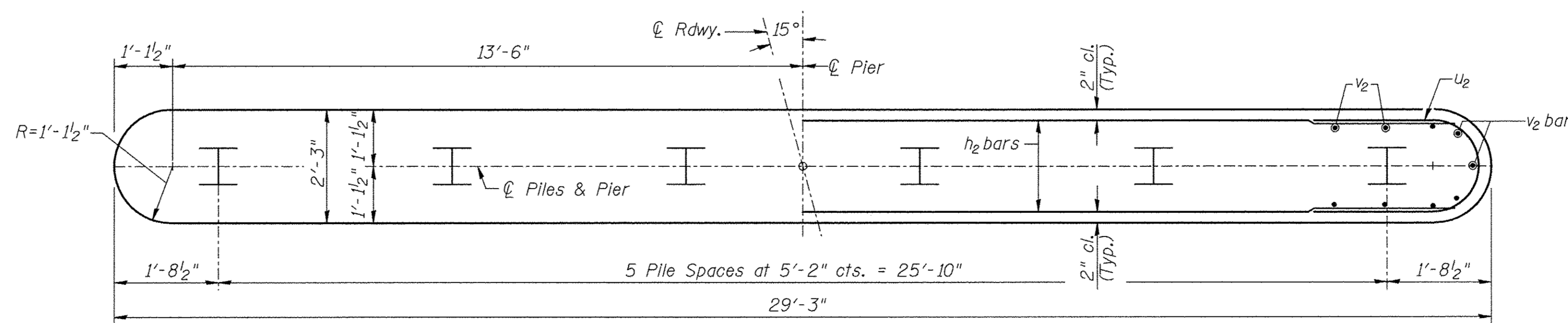
BAR s

PILE DATA

Type & Size: Steel HP12x53
 Nominal Required Bearing: 419 kips
 Factored Resistance Available: 230 kips
 Est. Length: 42' Pier #1
 42' Pier #2
 No. Req'd.: 12 (Includes 1 Test Pile at Pier #2)

**TWO PIERS
 BILL OF MATERIAL**

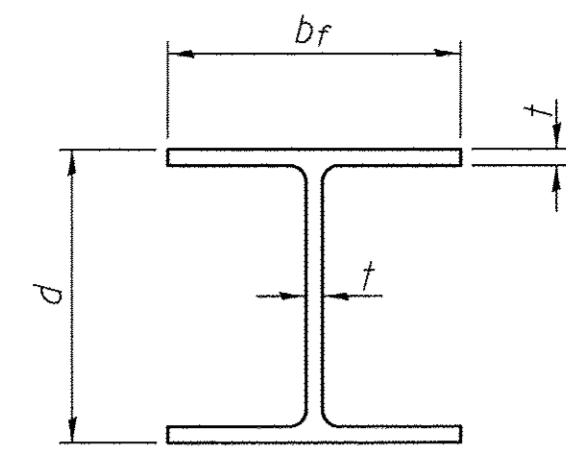
BAR	NO.	SIZE	LENGTH	SHAPE
h2	84	#5	26'-9"	—
p1	20	#7	29'-9"	—
p2	4	#5	29'-9"	—
s	92	#4	10'-5"	□
u1	62	#4	4'-5"	□
u2	84	#5	7'-0"	U
u3	12	#6	11'-7"	□
v2	124	#5	21'-1"	—
Concrete Structures		CU YD	117.2	
Reinforcement Bars		POUND	8,060	
Cofferdam Excavation		CU YD	140	
Furnishing Steel Piles HP12x53		FOOT	462	
Driving Piles		FOOT	462	
Test Pile Steel HP12x53		EACH	1	
Cofferdam (Type 1) (Location-1)		EACH	1	
Cofferdam (Type 1) (Location-2)		EACH	1	



FOOTING PLAN

SHEET NO. 9 10 SHEETS	ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	TR 60	02-07115-00-BR	SCOTT	25	15
S.N. 086-3727			CONTRACT NO. 93661		
FED. ROAD DIST. 7		ILLINOIS	FED. AID PROJECT BR05-0171(038)		

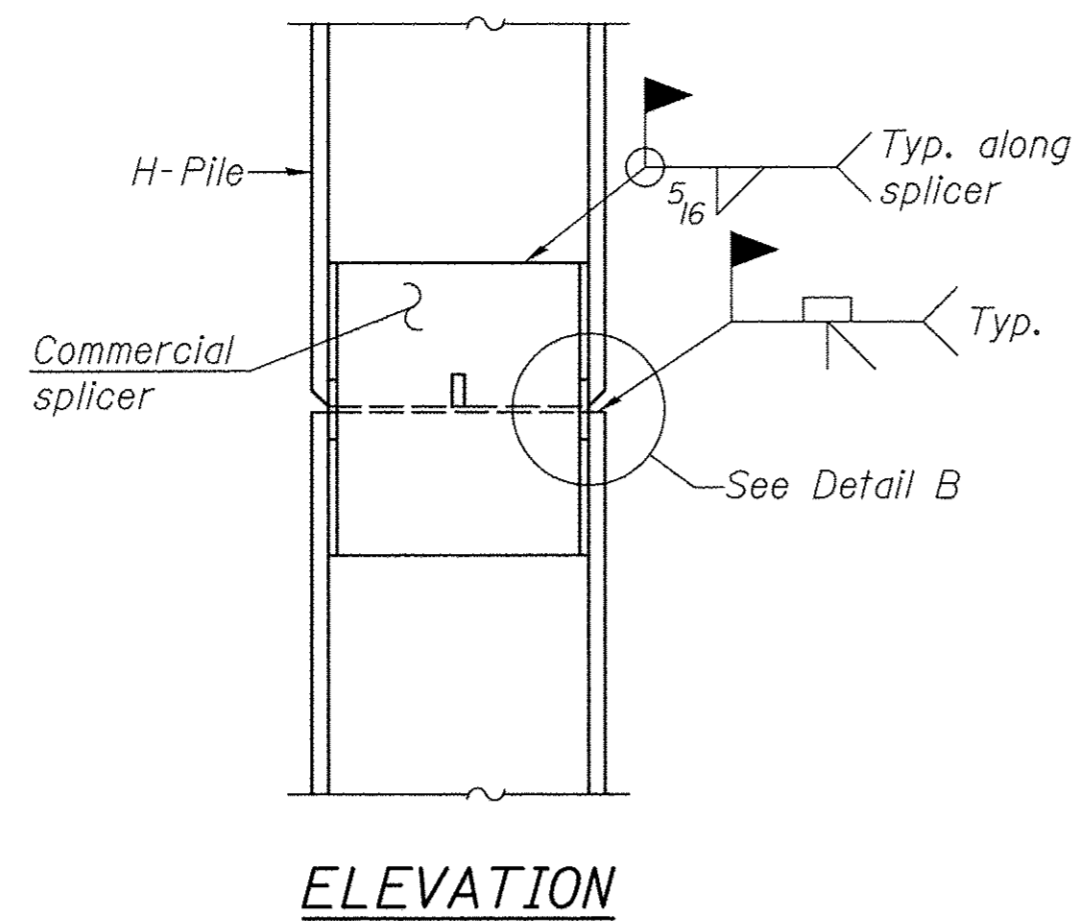
**PIERS
 SCOTT COUNTY
 SECTION 02-07115-00-BR
 T.R. 60 OVER MAUVAISE TERRE CREEK**



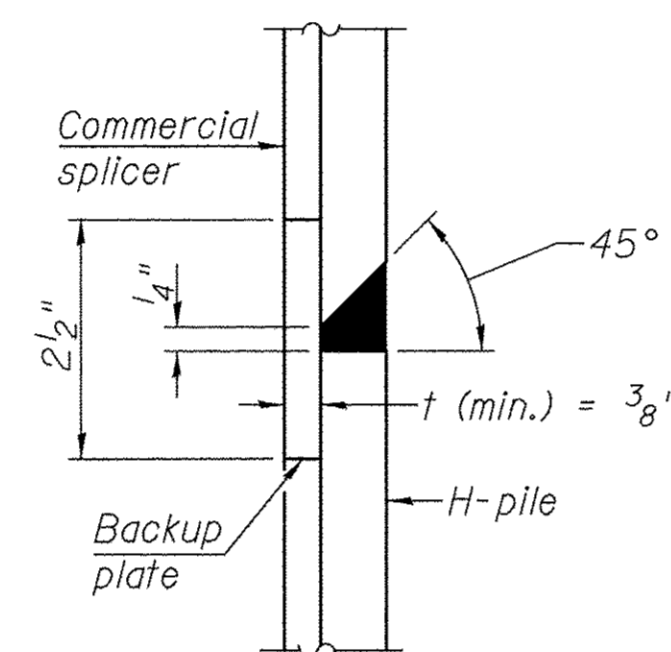
STEEL PILE TABLE

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

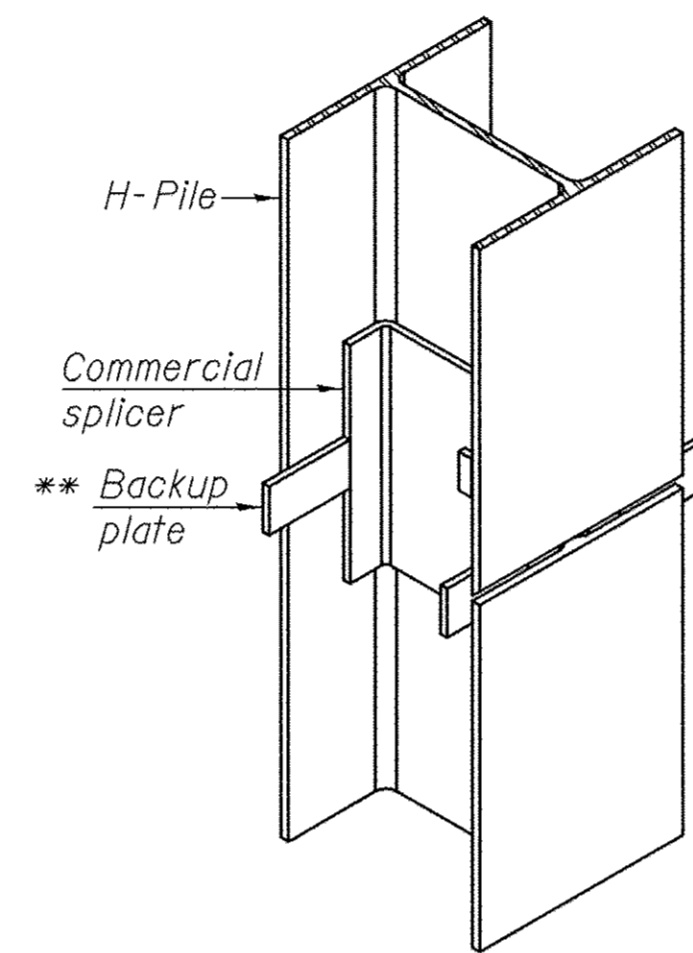
Note:
The steel H-piles shall be according to AASHTO M270 Grade 50.



ELEVATION

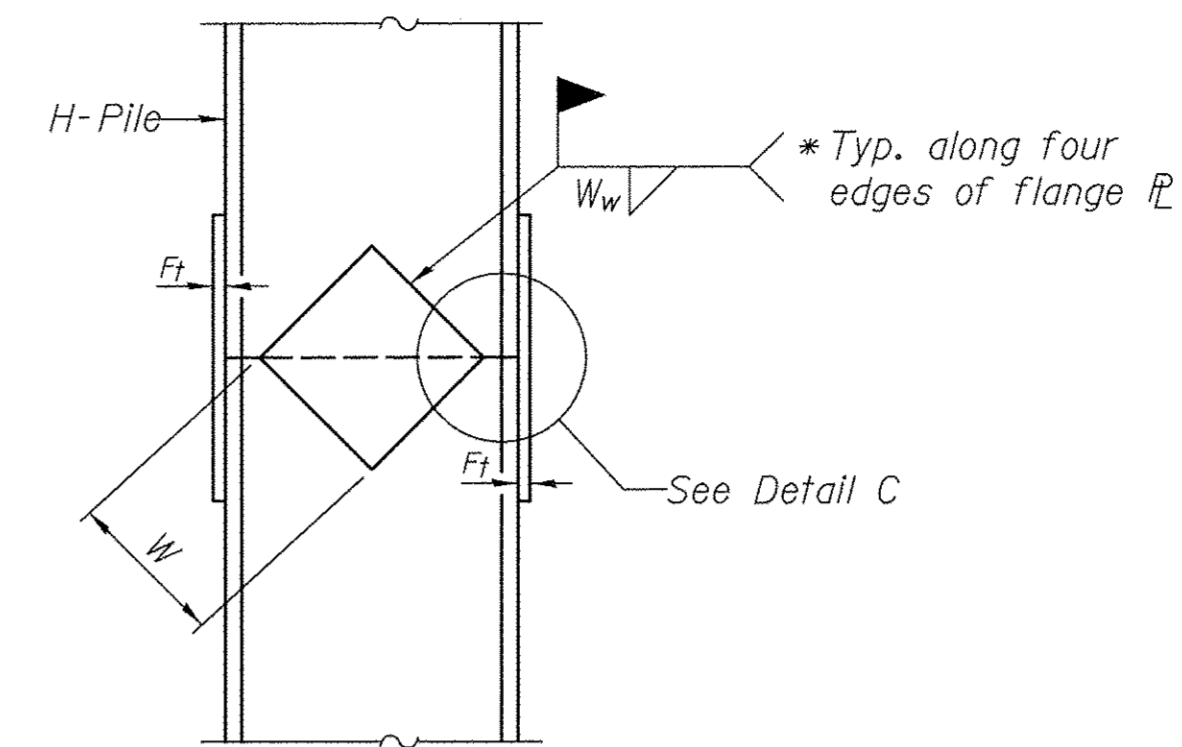


DETAIL "B"

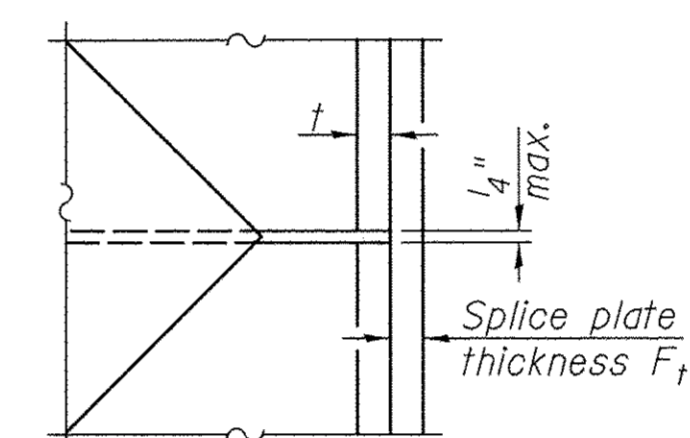


ISOMETRIC VIEW

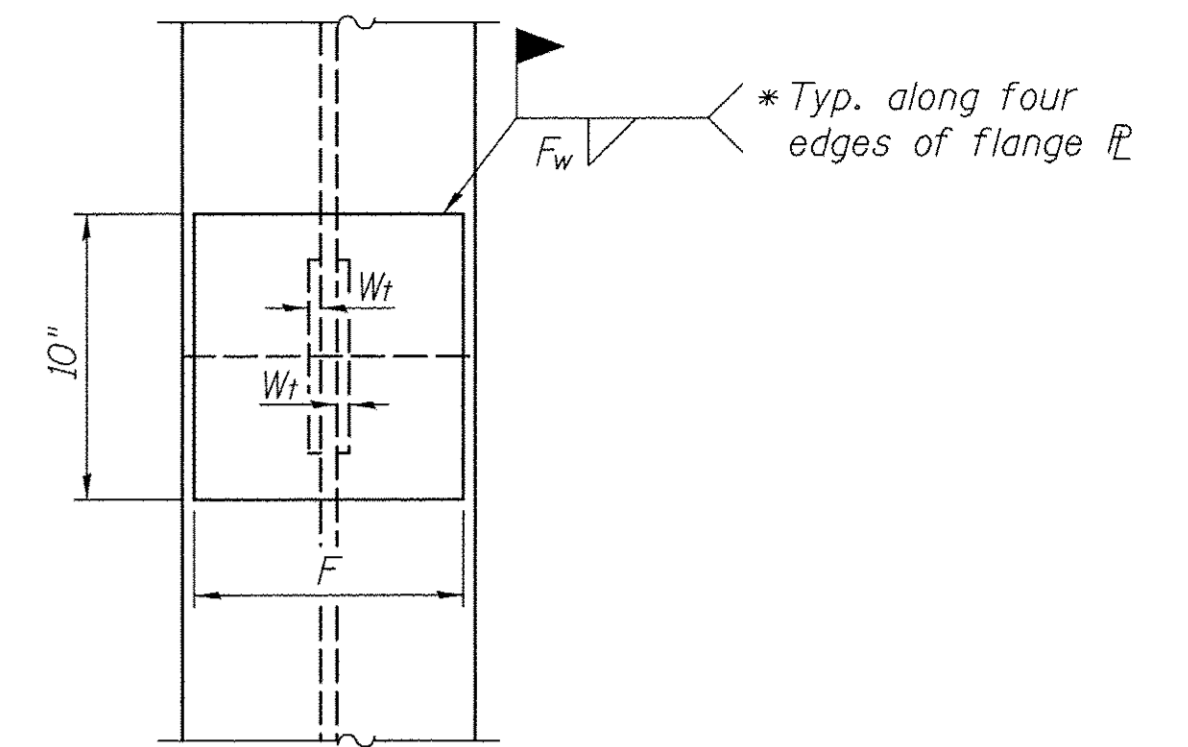
WELDED COMMERCIAL SPLICE



ELEVATION



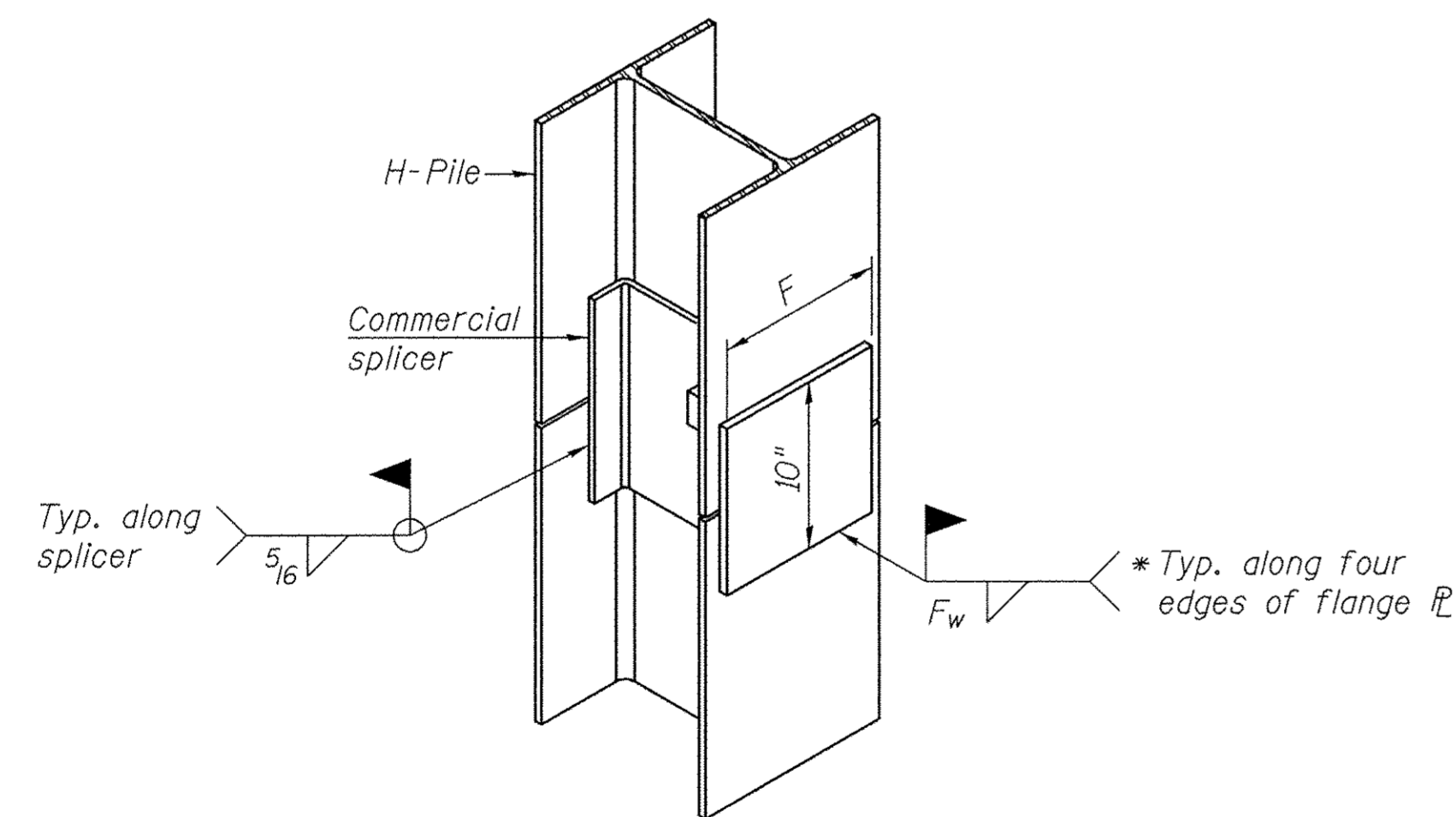
DETAIL C



END VIEW

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

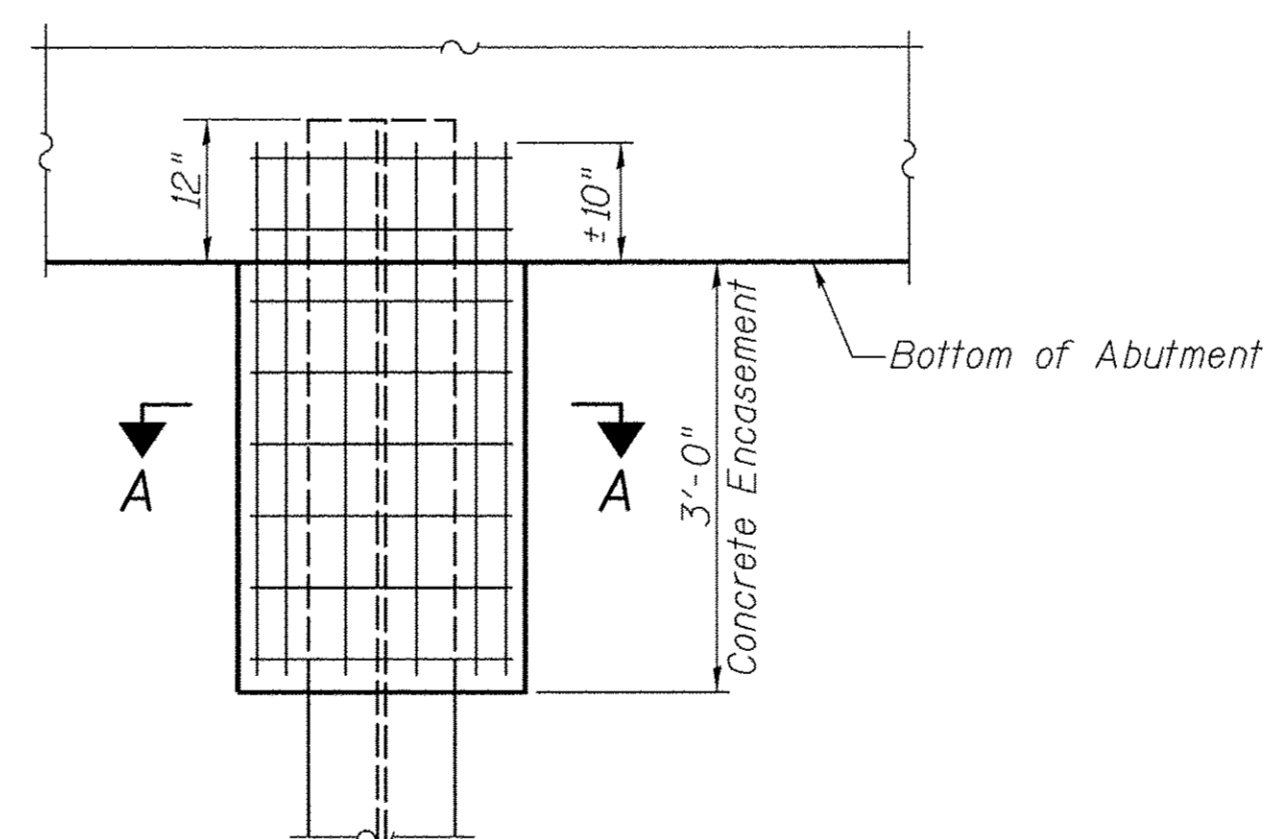
WELDED PLATE FIELD SPLICE



ISOMETRIC VIEW

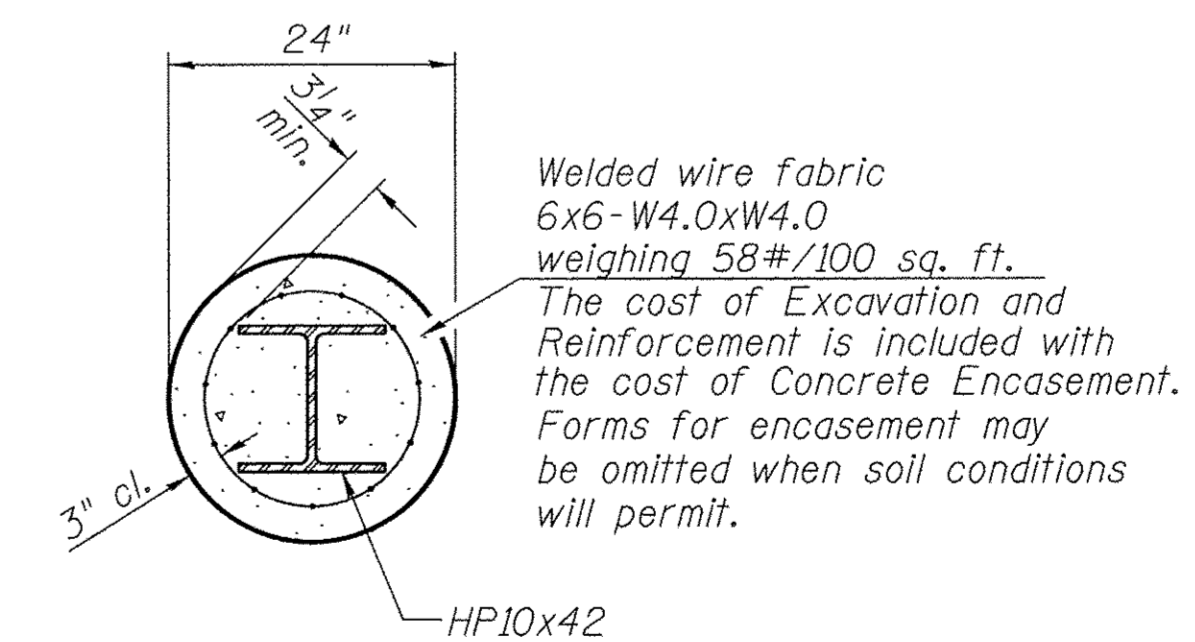
WELDED COMMERCIAL SPLICE ALTERNATE

* Interrupt welds 1/4" from end of web and/or each flange.
** Remove portions of backup plates that extend outside the flanges.



ABUTMENT ELEVATION

PILE ENCASEMENT



SECTION A-A

Welded wire fabric
6x6-W4.0xW4.0
weighing 58#/100 sq. ft.
The cost of Excavation and
Reinforcement is included with
the cost of Concrete Encasement.
Forms for encasement may
be omitted when soil conditions
will permit.

PILE DETAILS

SCOTT COUNTY

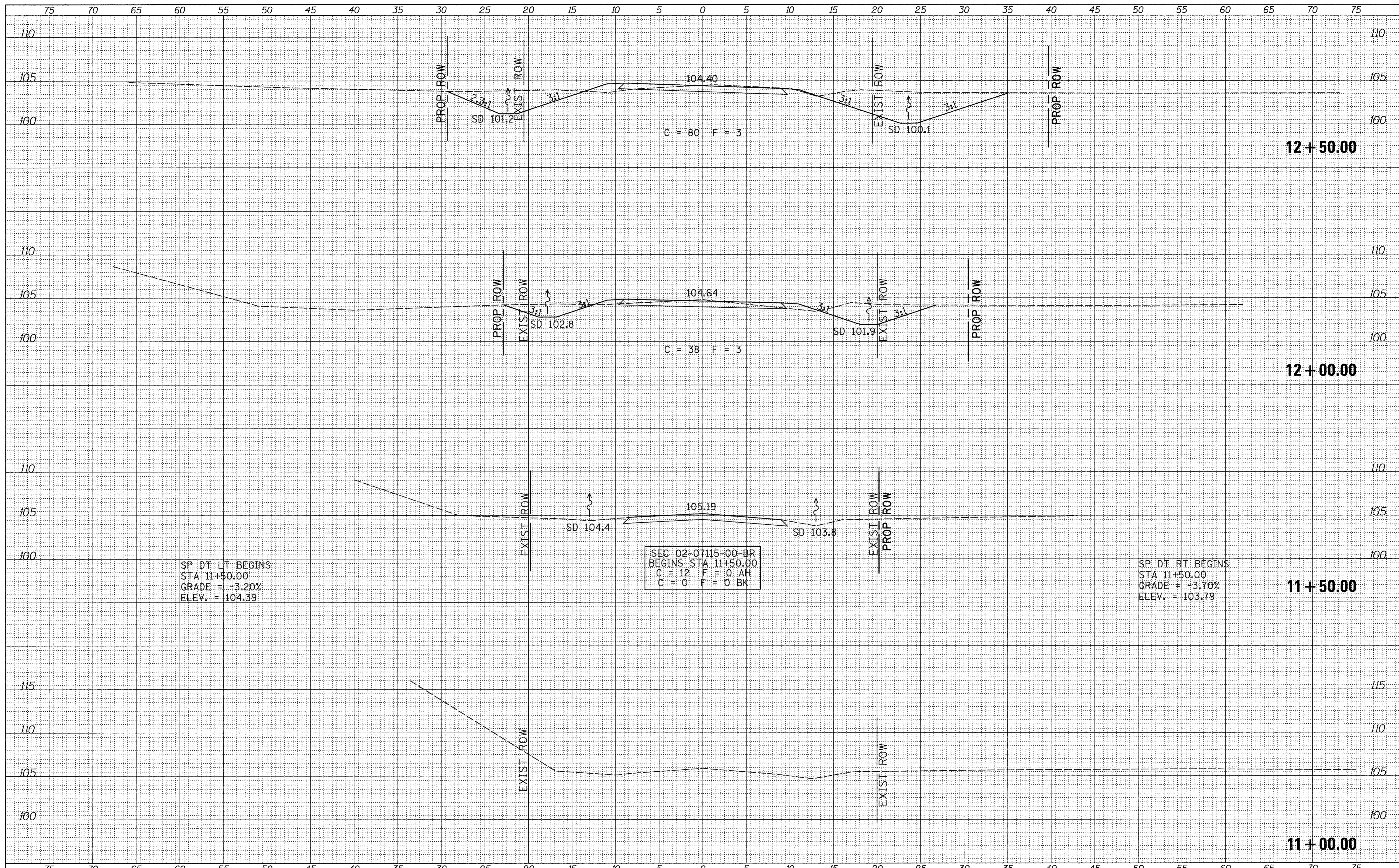
SECTION 02-07115-00-BR

T.R. 60 OVER MAUVAISE TERRE CREEK

SHEET NO. 10 10 SHEETS	ROUTE NO. TR 60	SECTION 02-07115-00-BR	COUNTY SCOTT	TOTAL SHEETS 25	SHEET NO. 16
	S.N. 086-3727		CONTRACT NO. 93661		
FED. ROAD DIST. 7		ILLINOIS	FED. AID PROJECT BROS-0171(038)		

FINAL SURVEY	SUBMITTED	DATE
NOTE BOOK	PLOTTED	
NO.	TEMPLATE	
	AREAS CHECKED	

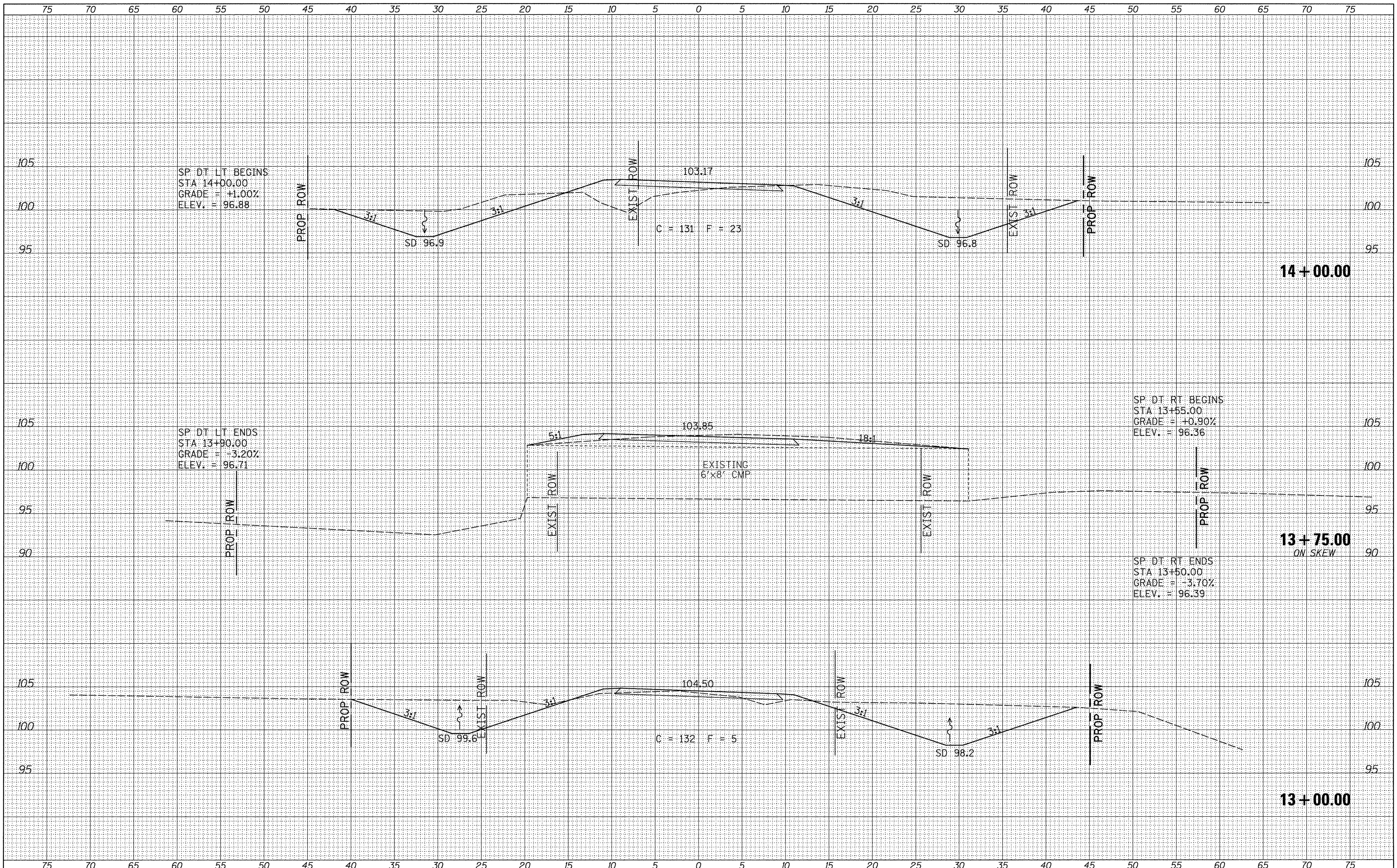
ORIGINAL SURVEY	DATE
NOTE BOOK	
NO.	



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Default	PLOT SCALE = 5.0000' / in.	DRAWN -	REVISED -			TR 60	02-07115-00-BR	SCOTT	25	17	
	PLOT DATE = 3/29/2017	CHECKED -	REVISED -			CONTRACT NO. 93661					
		DATE -	REVISED -			SCALE: 1" = 5' SHEET NO. 1 OF 9 SHEETS STA. 11+00.00 TO STA. 12+50.00					
						FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT BR05-01710380					

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

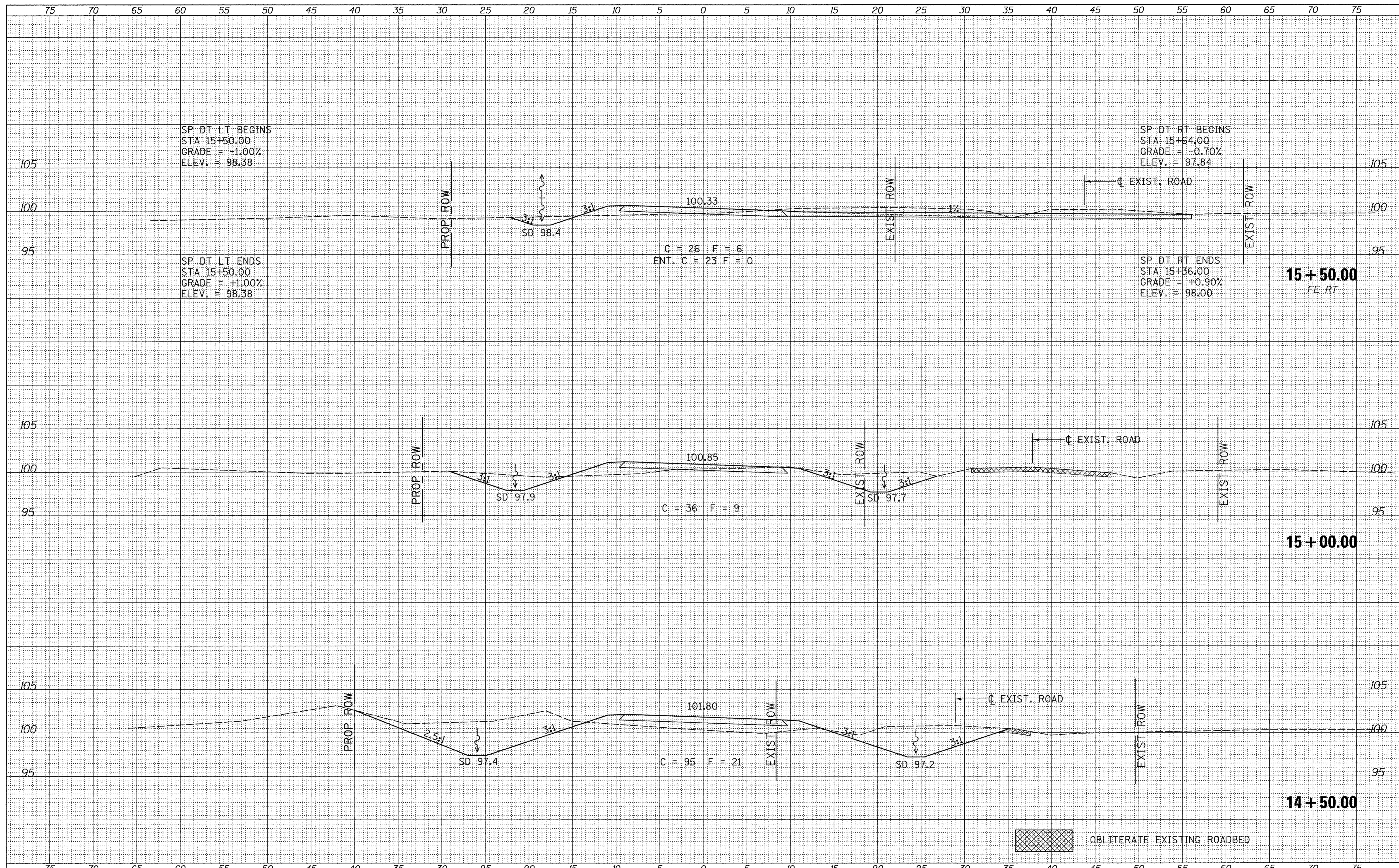
ORIGINAL SURVEY	BY	DATE
SUBMITTED		
PLOTTED		
TEMPLATE		
NOTE BOOK		
AREAS CHECKED		
NO.		



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Default	PLOT SCALE = 5.0000' / 1"	DRAWN -	REVISED -		SCALE: 1" = 5'	SHEET NO. 2 OF 9 SHEETS	STA. 13+00.00 TO STA. 14+00.00	TR 60 02-07115-00-BR SCOTT 25 18
	PLOT DATE = 3/29/2017	CHECKED -	REVISED -					CONTRACT NO. 93661
		DATE -	REVISED -					FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT BR05-07110381

DATE	
BY	
DESIGNED	
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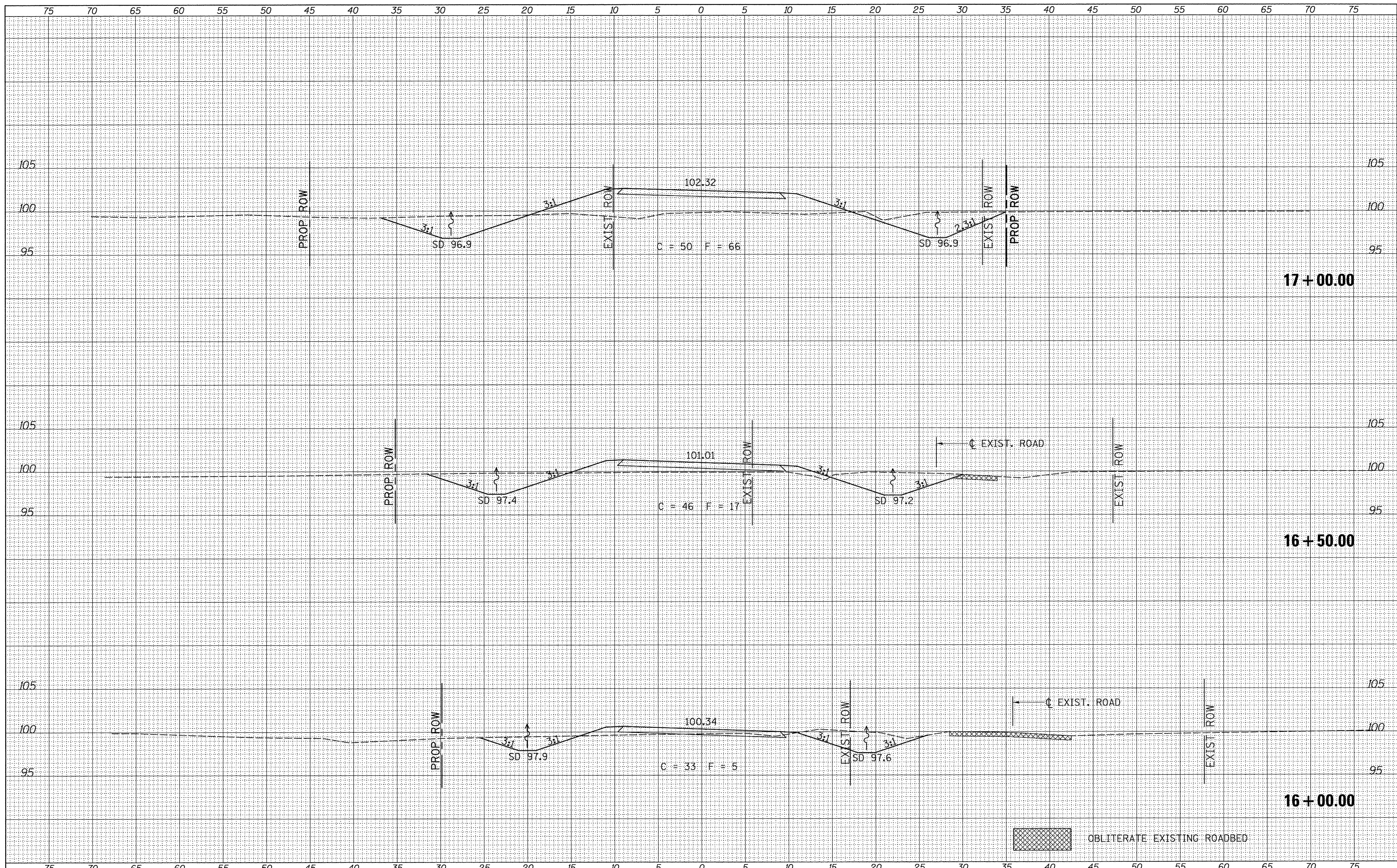
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DESIGNED	
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Default	PLOT SCALE = 5.0000' / in.	DRAWN -	REVISED -		SCALE: 1" = 5'	SHEET NO. 3 OF 9 SHEETS	STA. 14+50.00 TO STA. 15+50.00	CONTRACT NO. 93661		FED. AID PROJECT BR05-01710389		
	PLOT DATE = 3/29/2017	CHECKED -	REVISED -									
		DATE -	REVISED -									

FINAL SURVEY	SUBMITTED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
	AREAS	
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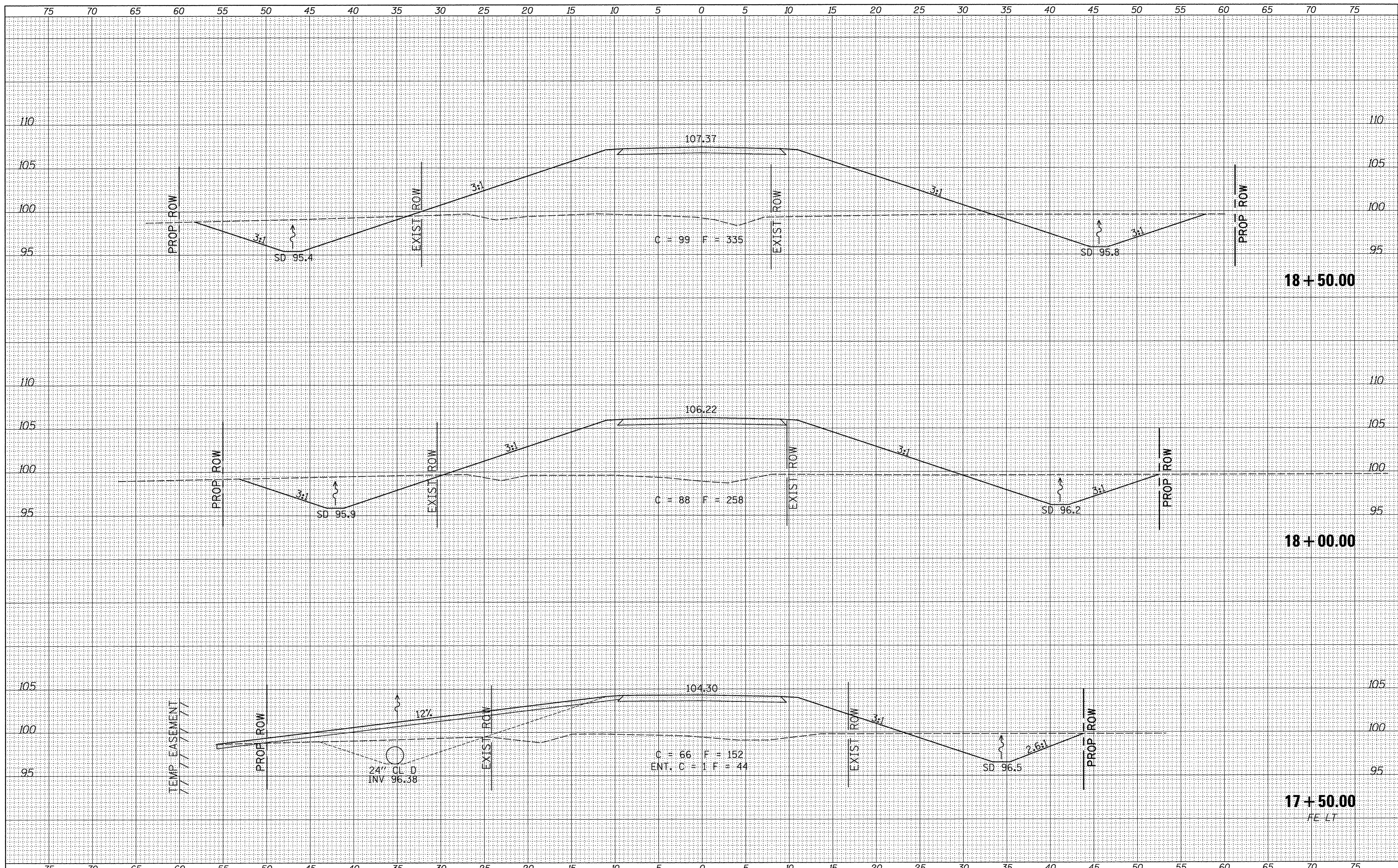
ORIGINAL SURVEY	SUBMITTED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
	AREAS	
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		DATE -	REVISED -							FED. ROAD DIST. NO. 7 ILLINOIS		FED. AID PROJECT BR05-0171(038)	

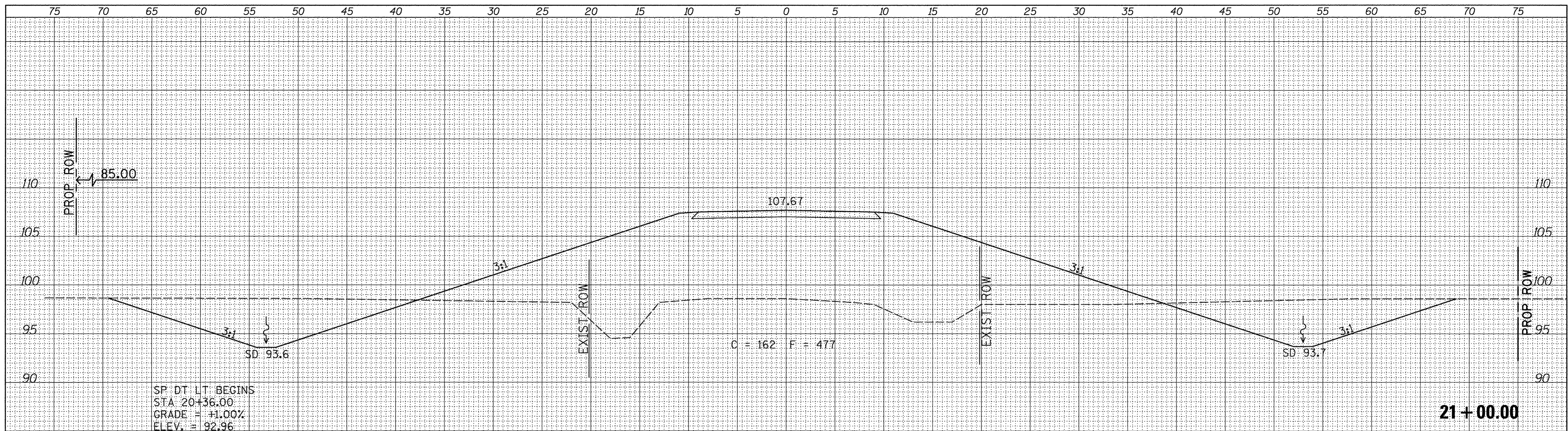
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NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
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NOTE BOOK	PLOTTED		
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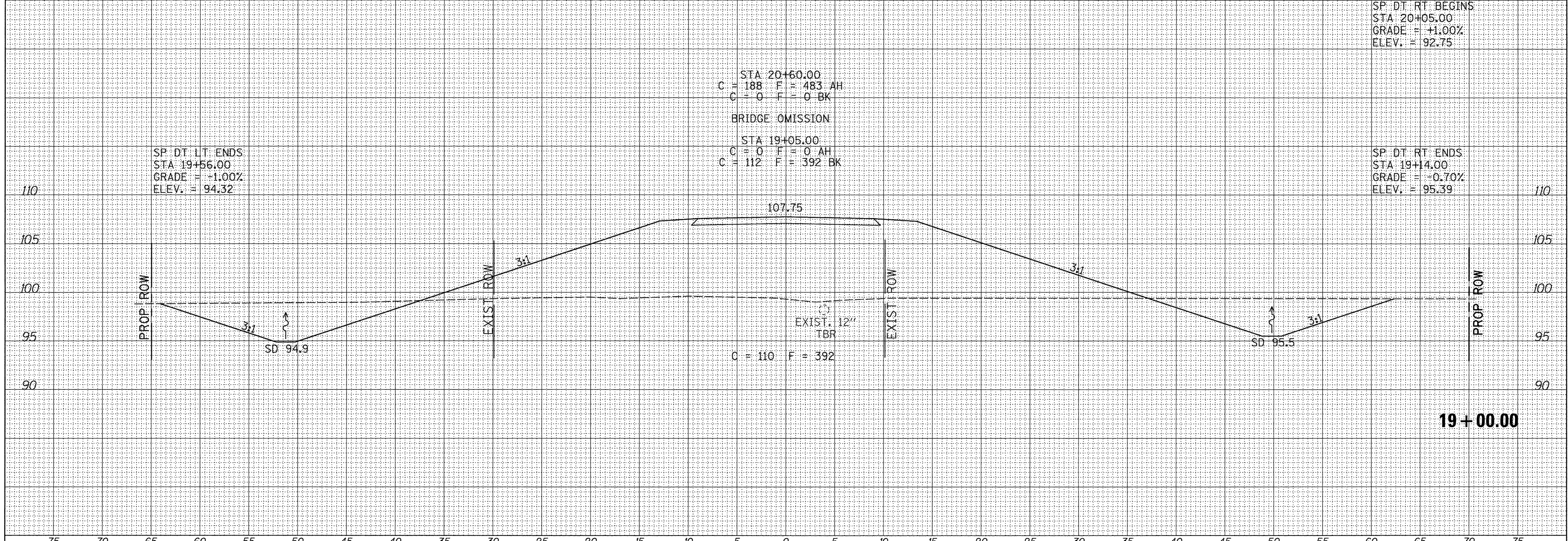


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	PLOT DATE = 3/29/2017	CHECKED -	REVISED -									
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FINAL SURVEY	DATE
SURVEYED	BY
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	



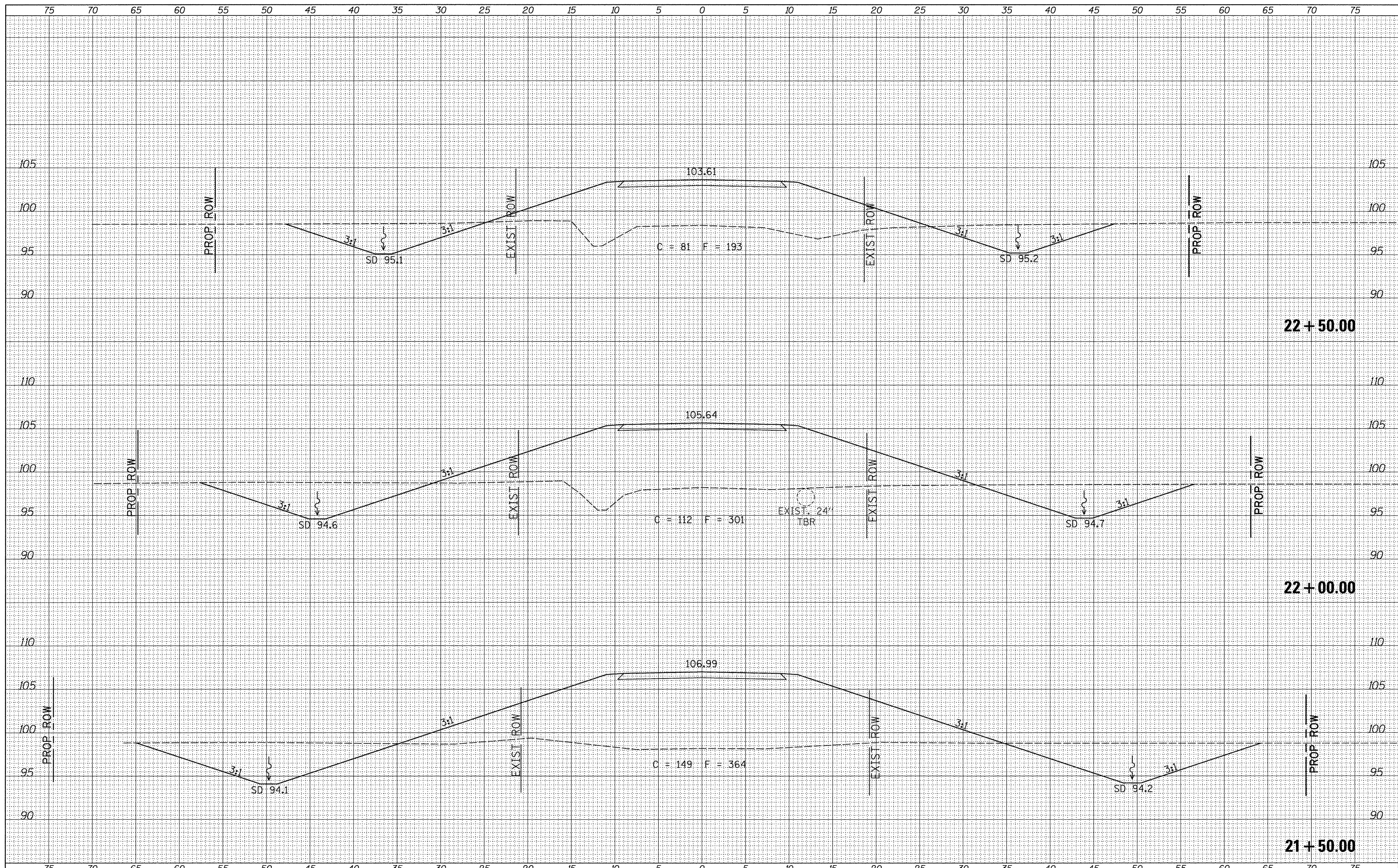
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SURVEYED	BY
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
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Default	PLOT SCALE = 5.0000' / in.	DRAWN -	REVISED -		SCALE: 1" = 5'	SHEET NO. 6	OF 9 SHEETS	STA. 19+00.00	TO STA. 21+00.00	TR 60	02-07115-00-BR	SCOTT	25	22
	PLOT DATE = 3/29/2017	CHECKED -	REVISED -		CONTRACT NO. 93661									
		DATE -	REVISED -		FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT BROS-071(038)									

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
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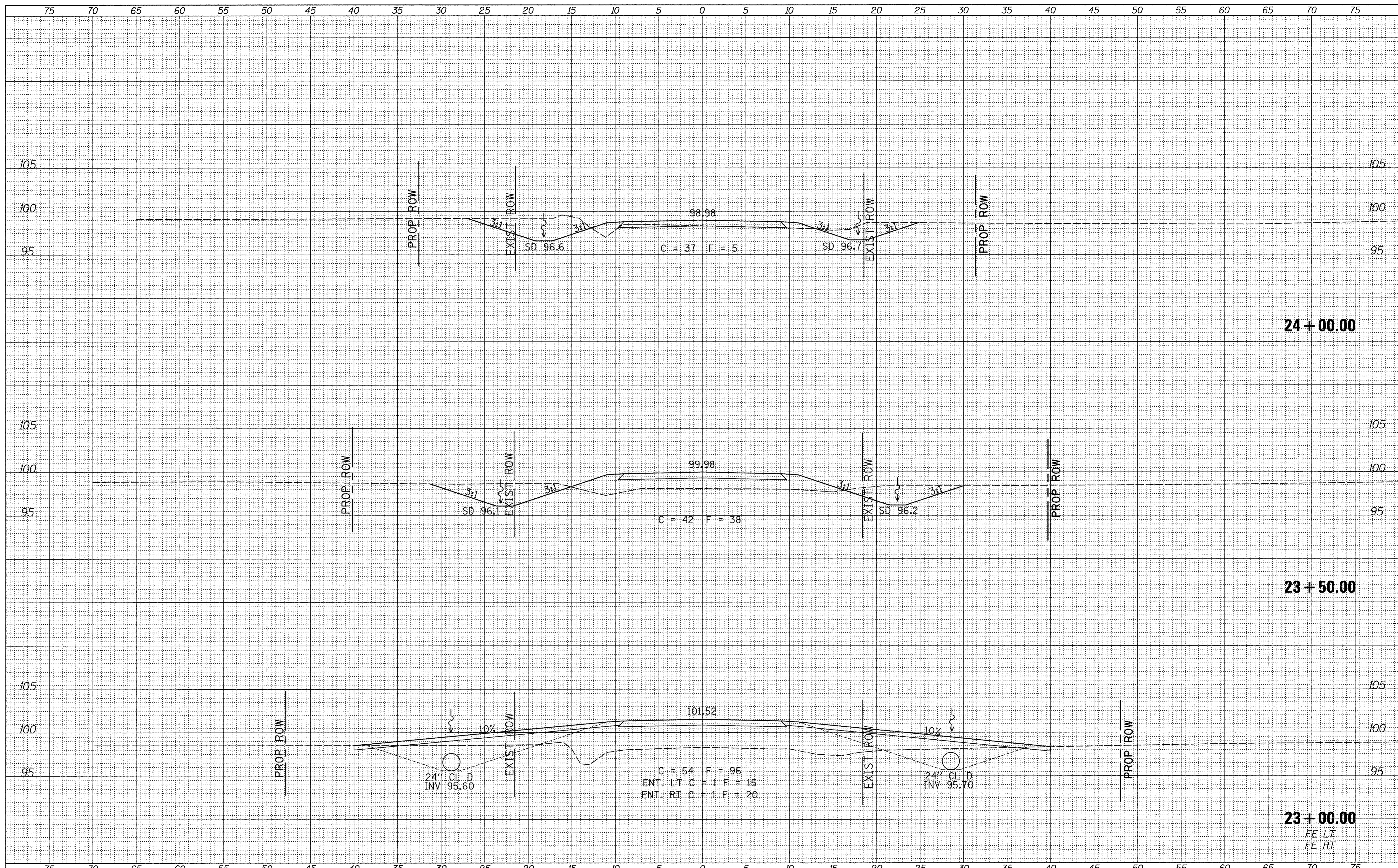
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NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
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	PLOT DATE = 3/29/2017	CHECKED -	REVISED -					CONTRACT NO. 93661				
		DATE -	REVISED -					FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT BR05-017103BR				

FINAL SURVEY	SUBMITTED	DATE
NOTE BOOK	PLOTTED	
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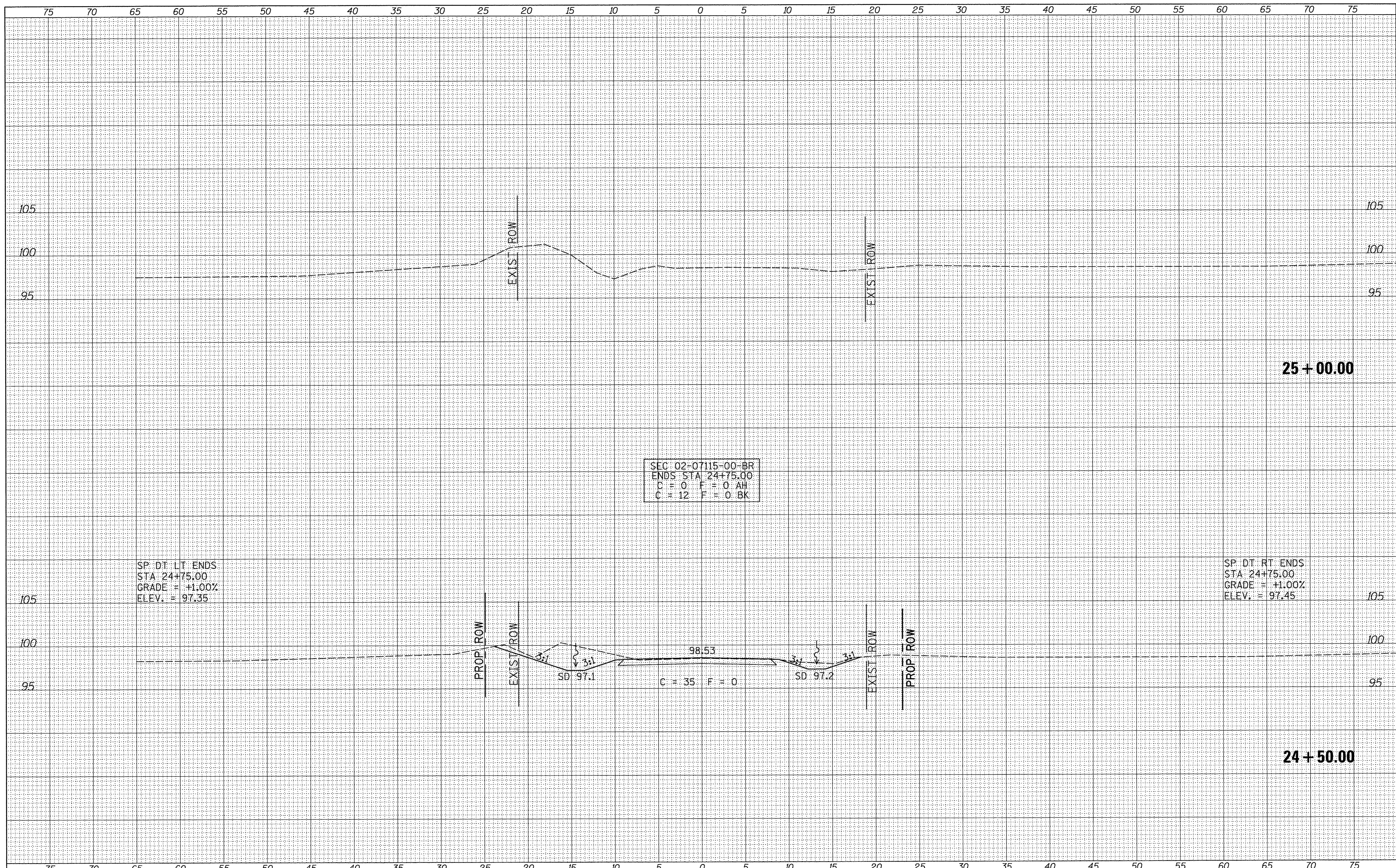
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NOTE BOOK	PLOTTED	
NO.	TEMPLATE	
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		DATE -	REVISED -					FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT BR05-0171(038)				

DATE	BY
SUBMITTED	PLOTTED
NOTE BOOK	TEMPLATE
AREAS	CHECKED
NO.	

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



SEC: 02-07115-00-BR
 ENDS STA: 24+75.00
 C = 0 F = 0 AH
 C = 12 F = 0 BK

SP. DT. LT. ENDS
 STA: 24+75.00
 GRADE = +1.00%
 ELEV. = 97.35

SP. DT. RT. ENDS
 STA: 24+75.00
 GRADE = +1.00%
 ELEV. = 97.45

98.53
 C = 35 F = 0
 SD 97.1
 SD 97.2

FILE NAME = Y:\Bridge\3398-Scott\3398xsec.dgn	USER NAME = JHutchison	DESIGNED -	REVISED -	SCOTT COUNTY TOWNSHIP ROAD 60 OVER MAUVAISE TERRE CREEK	CROSS SECTIONS			RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	PLOT SCALE = 5.0000' / 1"	DRAWN -	REVISED -		SCALE: 1" = 5'	SHEET NO. 9 OF 9 SHEETS	STA. 24+50.00	TO STA. 25+00.00	TR 60	02-07115-00-BR	SCOTT	25	25
	PLOT DATE = 3/29/2017	CHECKED -	REVISED -					FED. ROAD DIST. NO. 7 ILLINOIS		CONTRACT NO. 93661			
		DATE -	REVISED -					FED. AID PROJECT BR05-0171(038)					