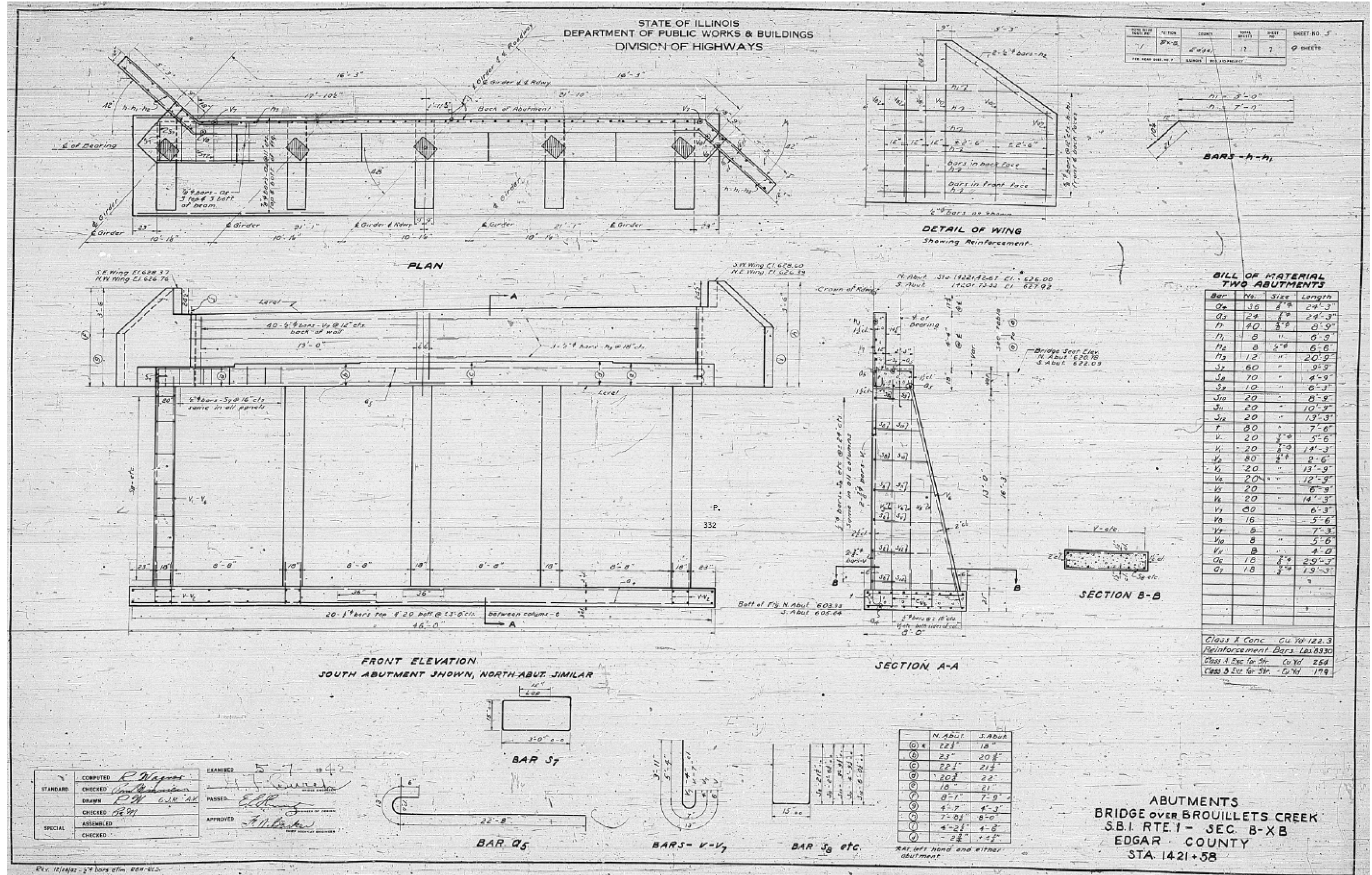


# AS-BUILT PLANS (1952) FOR INFORMATION ONLY S.N. 023-0004



# AS-BUILT PLANS (1952) FOR INFORMATION ONLY S.N. 023-0004

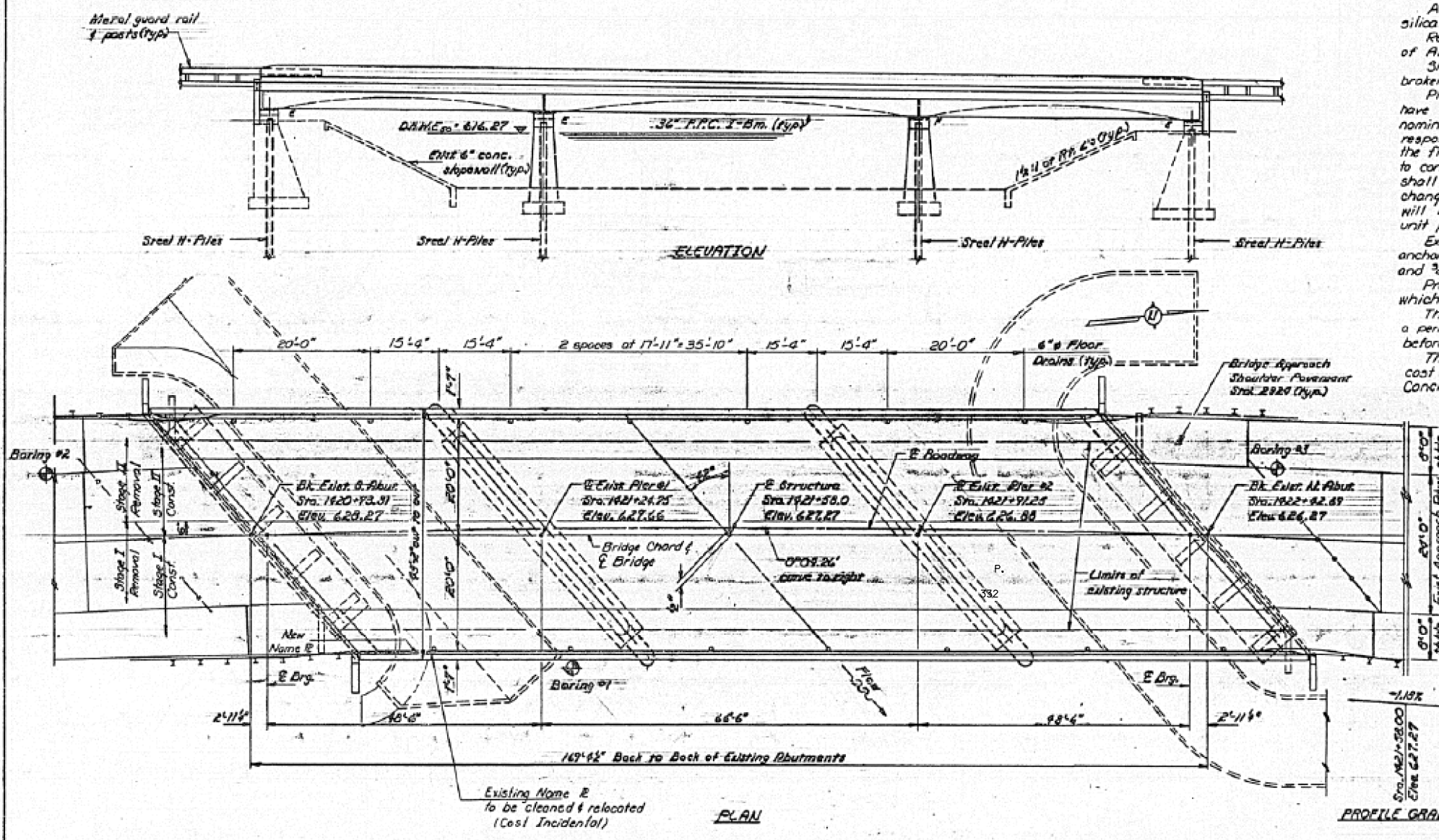
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SHEET NO. 1				
18 SHEETS				

**Bench Mark:** T.B.M. #2; Chiseled "a" on N.E. wingwall of structure. Elev. 626.886  
**Existing Structure:** #023-0004 - The existing structure was built in 1952 and was patched, waterproofed and overlaid with 1 1/2" class J in 1980. The existing structure is a 3 span RC deck girder bridge, 167'-6 1/2" back to back of abutments and 32'-4" out to out of deck. Contractor shall widen existing superstructure and substructure. Traffic to be maintained utilizing stage construction. No salvage.

### GENERAL NOTES

See Proposal for Boring Data.  
 All structural steel shall be shop painted with zinc-silicate and vinyl paint system.  
 Reinforcement bars shall conform to the requirements of AASHTO M-31 or M-53 Grade 60.  
 Shoulder transition to wingwall shall be shaped with broken concrete. Cost incidental.  
 Plan dimensions and details relative to existing structure have been taken from existing plans and are subject to nominal construction variations. It shall be the Contractor's responsibility to verify such dimensions and details in the field and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in the scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.  
 Expansion bolts shall consist of approved expansion anchors, providing minimum certified proof load = 4,080 lbs., and 3/8" x 12" hooked bolts.  
 Protective Coat shall not be applied to surfaces to which Waterproofing Membrane System is applied.  
 The Contractor shall drive one steel HP12x53 test pile in a permanent location at Pier 1 as directed by the Engineer before ordering the remainder of piles.  
 The calculated weight of Structural Steel = 390 lbs. The cost of Structural Steel is incidental to Precast Prestressed Concrete I-Beams 36".



### TOTAL BILL OF MATERIAL

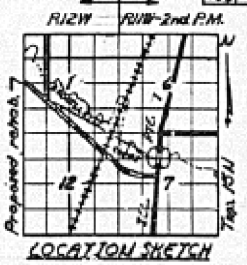
Item	Unit	Super	Sub	Total
Bituminous Concrete Surface Course, Class I	Tons	79		79
Bituminous Concrete Surface Removal	Sq. Yd.	420		420
Structure Excavation	Cu. Yd.		75	75
Concrete Removal	Cu. Yd.	144	10	154
Expansion Bolts & Inca	Each	16	72	88
Floor Drains	Each	14		14
Protective Coat	Sq. Yd.	149		149
Class X Concrete	Cu. Yd.	1943	64.2	2007.5
Precast Prestressed Concrete I-Beams, 36 In.	Lin. Ft.	654		654
Reinforcement Bars	Pound	730	4100	4830
Reinforcement Bars (Epoxy Coated)	Pound	32940		32940
Steel Piles HP 10 x 42	Lin. Ft.		120	120
Steel Piles HP 12 x 53	Lin. Ft.		135	135
Name Plates	Each	1		1
Waterproofing Membrane System	Sq. Yd.	748		748
Elastomeric Bearing Assembly, Type I	Each	12		12
Elastomeric Bearing Assembly, Type II	Each	4		4
Test Piles Steel HP12x53	Each		1	1

STATION 1421+58.00  
 REBUILT 19 BY  
 STATE OF ILLINOIS  
 F.A.R. RT 132 SEC. BX-BY  
 F.A. PROJ. F-132(93)  
 LOADING HS20  
 STR. NO. 023-0004

**DESIGN STRESSES (NEW CONSTRUCTION)**

Precast Prestressed Units	Field Units
$f'_c = 6,000 \text{ p.s.i.}$	$f'_c = 3,500 \text{ p.s.i.}$
$f'_t = 4,100 \text{ p.s.i.}$	$f'_t = 2,600 \text{ p.s.i. (reinf.)}$
$f'_s = 270,000 \text{ p.s.i. (2' strands)}$	
$f'_s = 189,000 \text{ p.s.i. (2' strands)}$	

**DESIGN SPECIFICATIONS**  
 1983 AASHTO 1 1984  
 Interim Specifications  
 LOADING HS20-44  
 New Construction Only



**GENERAL PLAN**  
 ILLINOIS ROUTE 1 OVER  
 BROOKLYNS CREEK  
 F.A.R. ROUTE 132-SEC. BX-BY  
 EDGAR COUNTY  
 STATION 1421+58.00  
 STRUCTURE NO. 023-0004

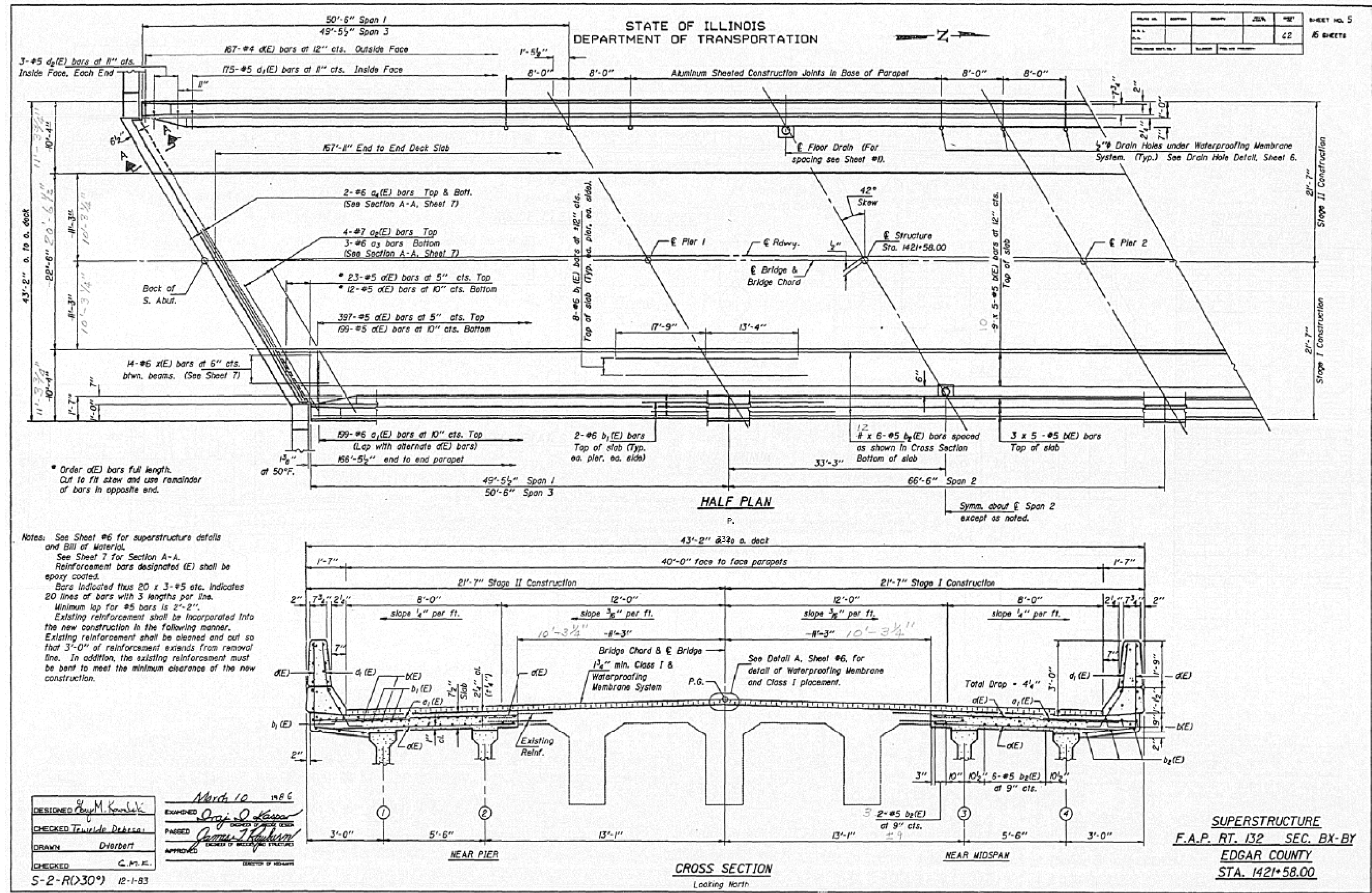
DESIGNED BY: *James H. Kowalski*  
 CHECKED: *Towels Debevoise*  
 DRAWN: *D.T.R.D.W.C.*  
 CHECKED: *G.M.K.*

EXAMINED: *James J. Kasper*  
 PASSED: *James J. Kasper*  
 APPROVED: *James J. Kasper*  
 DIRECTOR OF HIGHWAYS

NAME PLATE  
 (See Sld. 2113)



# AS-BUILT PLANS (1952) FOR INFORMATION ONLY S.N. 023-0004



FILE NAME:	USER NAME: piersonbr	DESIGNED: -	REVISED: -				
pw\11084EBIDINTEG.111nois.gov\PIWIDOT\Documents\DOT Offices\District 5\Projects\0578\DRAWING\Structures\0578839-str-023-000REVISED.dgn		DRAWN: -	REVISED: -				
MODELNAME:		CHECKED: -	REVISED: -				
		DATE: -	REVISED: -				

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

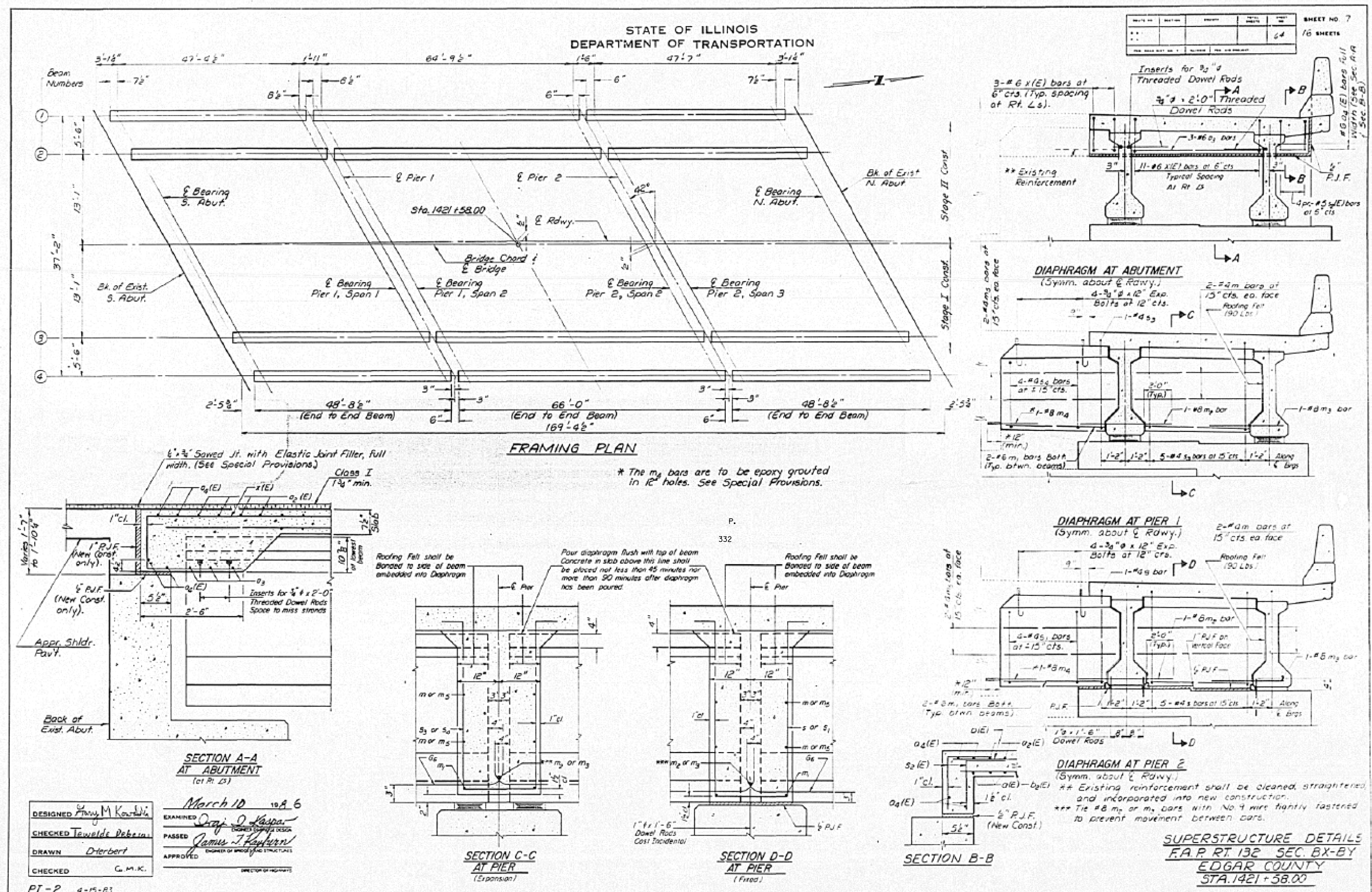
**AS-BUILT PLANS  
FOR INFORMATION ONLY**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	.	EDGAR	171	103
CONTRACT NO. 70839				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET 28 OF 36 SHEETS STA. TO STA.



# AS-BUILT PLANS (1952) FOR INFORMATION ONLY S.N. 023-0004



DESIGNED *Harry M. Kowalski*  
 CHECKED *Towels Debern*  
 DRAWN *Dierbert*  
 CHECKED *G.M.K.*

EXAMINED *James J. Haspa*  
 PASSED *James J. Haspa*  
 APPROVED *James J. Haspa*  
 DIRECTOR OF HIGHWAYS

March 10 1952

PI-2 4-15-83

FILE NAME :	USER NAME : piersonbr	DESIGNED :	REVISED :	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	AS-BUILT PLANS FOR INFORMATION ONLY	SCALE:	SHEET 30 OF 36 SHEETS STA. TO STA.	F.A.P. RTE. 332	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\11084EBIDINTEG.illinois.gov\PI00T\Documents\DOT Offices\District 5\Projects\0578\Drawings\Structures\0578039-str-023-0004.dgn		DRAWN	REVISED	EDGAR	EDGAR			•	EDGAR	ILLINOIS	171	105
MODELNAME\$	PLOT DATE : 3/16/2015	CHECKED	REVISED	CONTRACT NO. 70839	CONTRACT NO. 70839			*ICX-1RS-3 & IC-XRS-6JBR	ILLINOIS	FED. AID PROJECT		

# AS-BUILT PLANS (1952) FOR INFORMATION ONLY S.N. 023-0004

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SHEET NO.	45	SHEETS	16
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**ELEVATION OF BEAM**  
(Showing Reinforcement) B Dimensions

**ELEVATION OF BEAM**  
(Showing Prestressing Steel)

**SECTION A-A**

**SECTION B-B**

**ELEVATION OF BEAM**  
(Showing Prestressing Steel)

Span 1  
Span 3

⊕ Floor Drain

**INSERT LOCATION PLAN**

**DETAIL "A"**

**PLAN**

**\*BAR LIST**

Bar	No	Size	Length	Shape
G1	BE	#5	4'-2 1/2"	TL
G2	12	#5	3'-9"	TL
G3	6	#5	25'-5"	—
G4	4B	#3	2'-7"	L
G5	2	#8	3'-6"	—

\* For one beam only

**NOTES**

All inserts and threaded dowel rods for inserts, reinforcing and Prestressing Steel, and other items which are cast into the Precast Concrete I-Beams shall be included in the contract unit price per linear foot of "Furnishing and Erecting Precast Prestressed Concrete I-Beams, 36 in".

Insert for 3/4" threaded dowel rods are to be two strut, coil type for interior I-Beams and single coil, flared loop type for exterior I-Beams.

Prestressing steel shall be non-galvanized high strength, stress-relieved 7-wire strand, Grade 270.

The nominal diameter shall be 5/8" and the nominal cross-sectional area shall be 0.153 sq in.

Non-prestressing steel shall conform to AASHTO designation M-31 or M-53 Grade 60.

Steel for lifting loops shall be non-deformed bars 1 1/2" x 40,000 psi.

Required release strength, fcr, shall be 4,100 psi.

**BILL OF MATERIAL**

Item	Unit	Qty
Furnishing & Erecting Precast Prestressed Concrete I-Beams, 36"	Lin Ft	390

**BEAMS SPANS 1 & 3**  
**F.A.P. RT. 132 SEC. BX-BY**  
**EDGAR COUNTY**  
**STA. 1421 + 58.00**

DESIGNED	Ray M. Kowalski	EXAMINED	Prof. J. Kasper
CHECKED	Towelle Debes	PASSED	James J. Rayburn
DRAWN	L.H. Dierbert	APPROVED	
CHECKED	G.M.K.		

March 10 1986

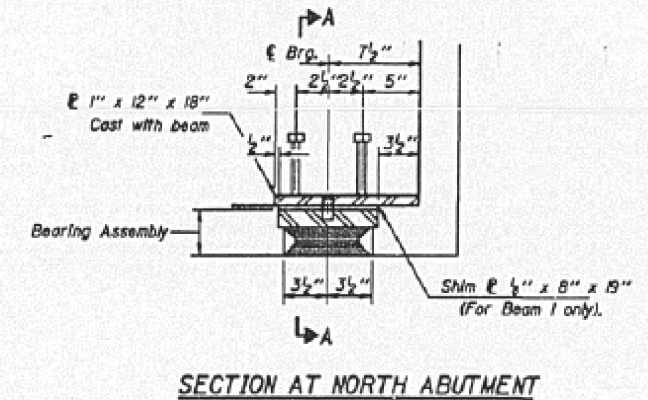
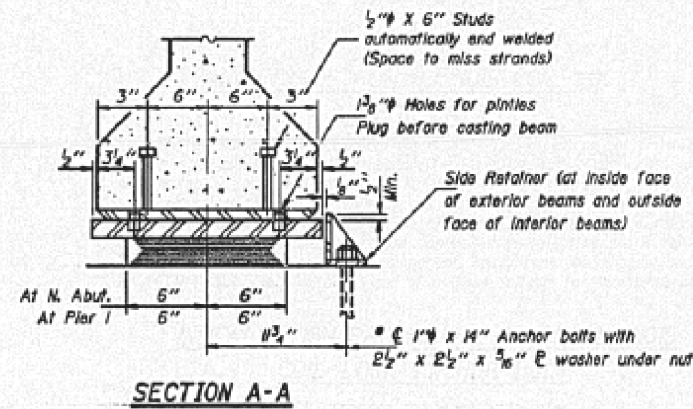
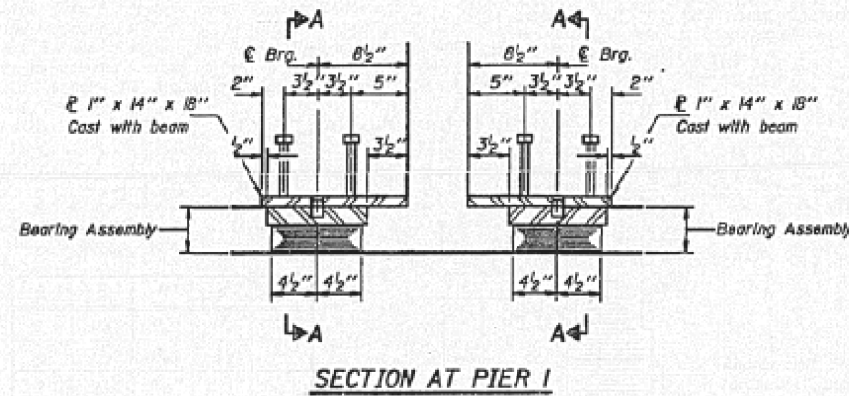
PI-4-36 4-15-83



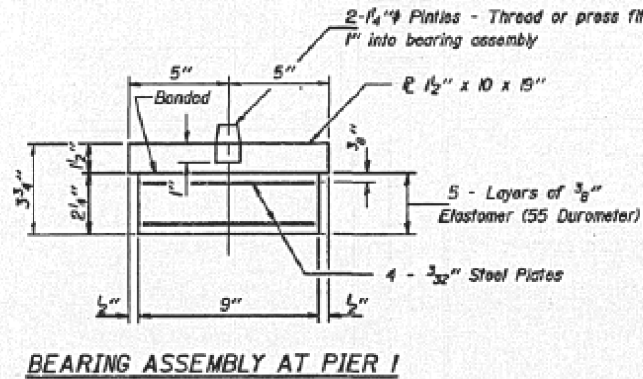
# AS-BUILT PLANS (1952) FOR INFORMATION ONLY S.N. 023-0004

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

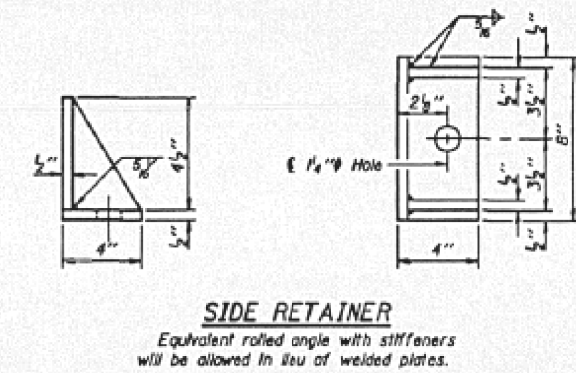
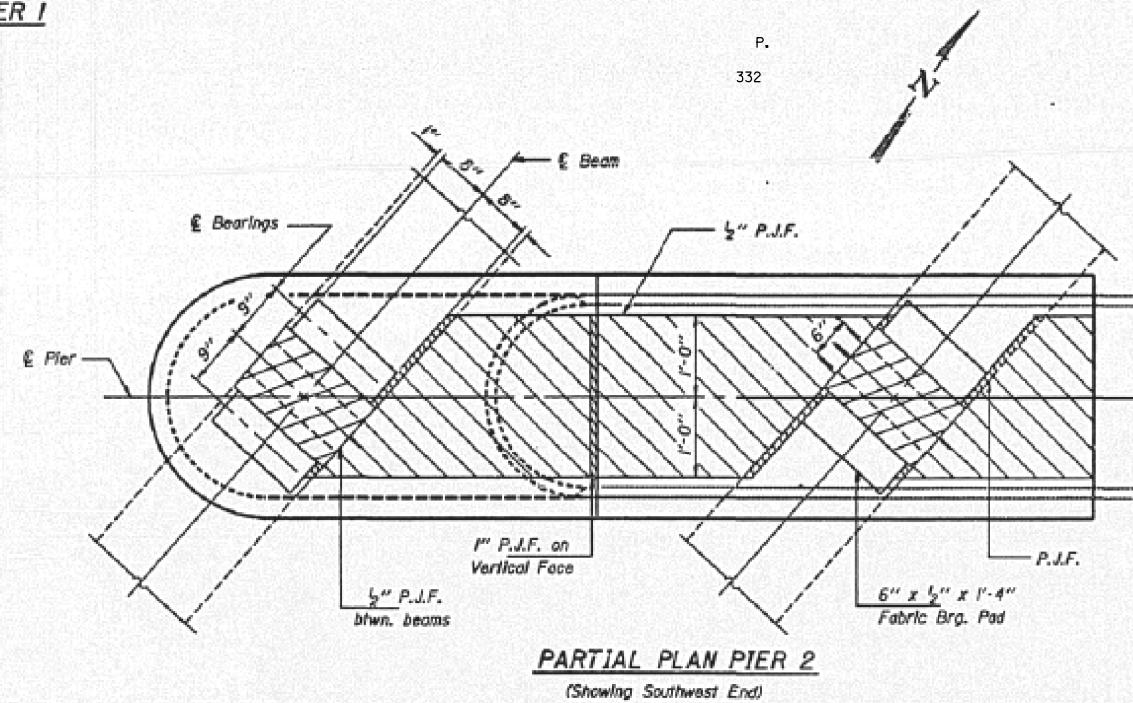
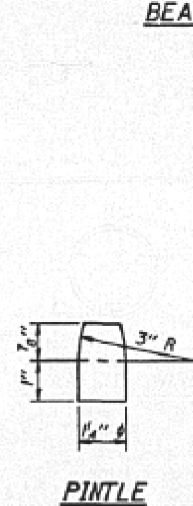
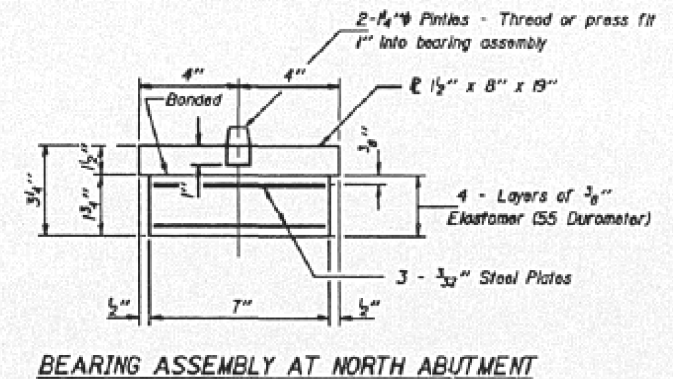
SHEET NO.	SECTION	COUNTY	SCALE	DATE	SHEET NO.	TOTAL SHEETS
67					10	15 SHEETS



**TYPE I ELASTOMERIC EXP. BRG.**



\* After beams have been erected, holes at expansion bearings shall be drilled and anchor bolts grouted in place. See Sheet 12 for Anchor Bolt Installation & Sheets 14 & 15 for Anchor Bolt locations.



**BILL OF MATERIAL**

Item	Unit	Total
Elastomeric Bearing Assembly, Type I	Each	12

**BEARING DETAILS  
NORTH ABUTMENT & PIERS  
F.A.P. RT. 132 SEC. BX-BY  
EDGAR COUNTY  
STA. 1421+58.00**

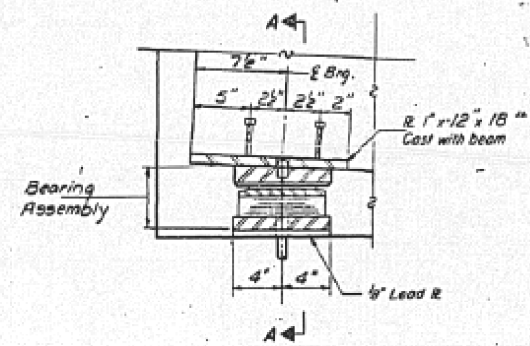
DESIGNED *Ray M. Kovalek* March 10 1952  
 CHECKED *Towle Babala*  
 DRAWN *Dierbart*  
 CHECKED *C. P. K.*



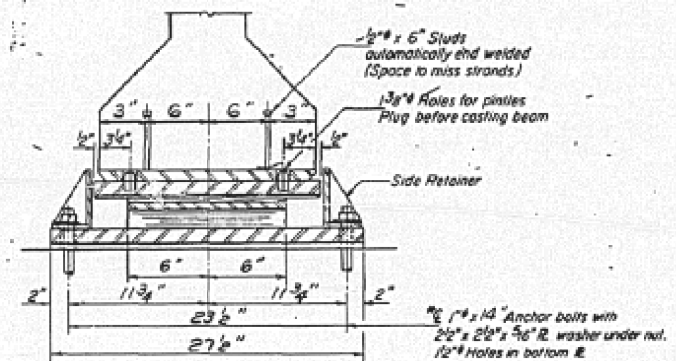
# AS-BUILT PLANS (1952) FOR INFORMATION ONLY S.N. 023-0004

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SHEET NO. 11				
68	16 SHEETS			



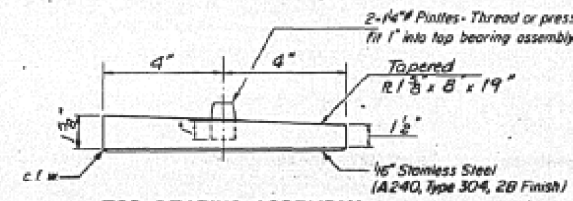
**SECTION AT SOUTH ABUTMENT**  
(Looking West)



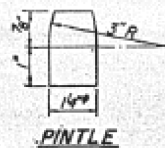
**SECTION A-A**

**TYPE II TFE ELASTOMERIC EXP BRG.**

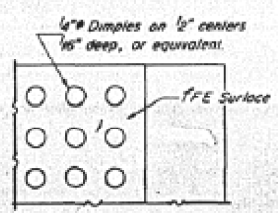
*Note: After beams have been erected holes of expansion bearings shall be drilled and anchor bolts grouted in place. See Sheet 12 for Anchor Bolt installation & Sheet 13 for Anchor Bolt location.*



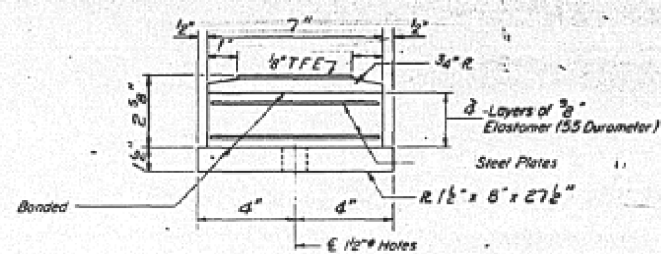
**TOP BEARING ASSEMBLY**



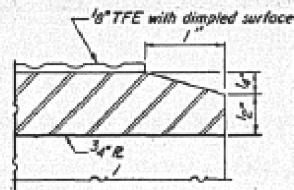
**PINTLE**



**PLAN-TFE SURFACE**



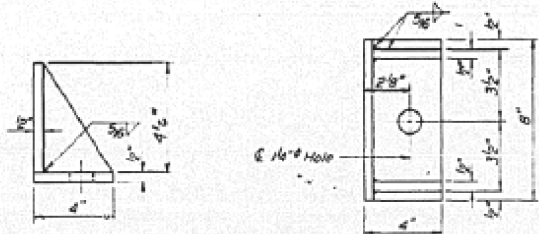
**BOTTOM BEARING ASSEMBLY**



**SECTION THRU TFE**

*Note: The 1/8" TFE sheet shall be bonded directly to the top steel plate with a two-component, medium viscosity epoxy resin, conforming to the requirements of the Federal Specification MMM-A-134, Type I. The bond agent shall be applied on the full area of the contact surfaces.*

*Bonding of 1/8" TFE sheet during vulcanizing process will be permitted provided the process and method of adjusting assembly height is approved by the Engineer.*

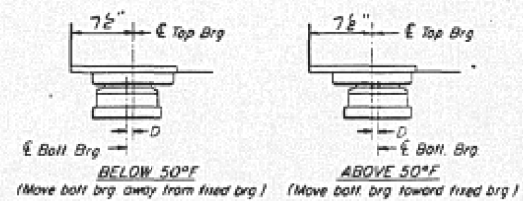


**SIDE RETAINER**

*Equivalent rolled angle with stiffeners will be allowed in lieu of welded plates.*

DESIGNED <i>Ray M. Kowalski</i>	EXAMINED <i>James J. Kowalski</i>
CHECKED <i>Tewelde Debrun</i>	PASSED <i>James J. Kowalski</i>
DRAWN <i>L.H. Dierbert</i>	APPROVED _____
CHECKED <i>C.M.K.</i>	DIRECTOR OF HIGHWAYS

March 10 1986



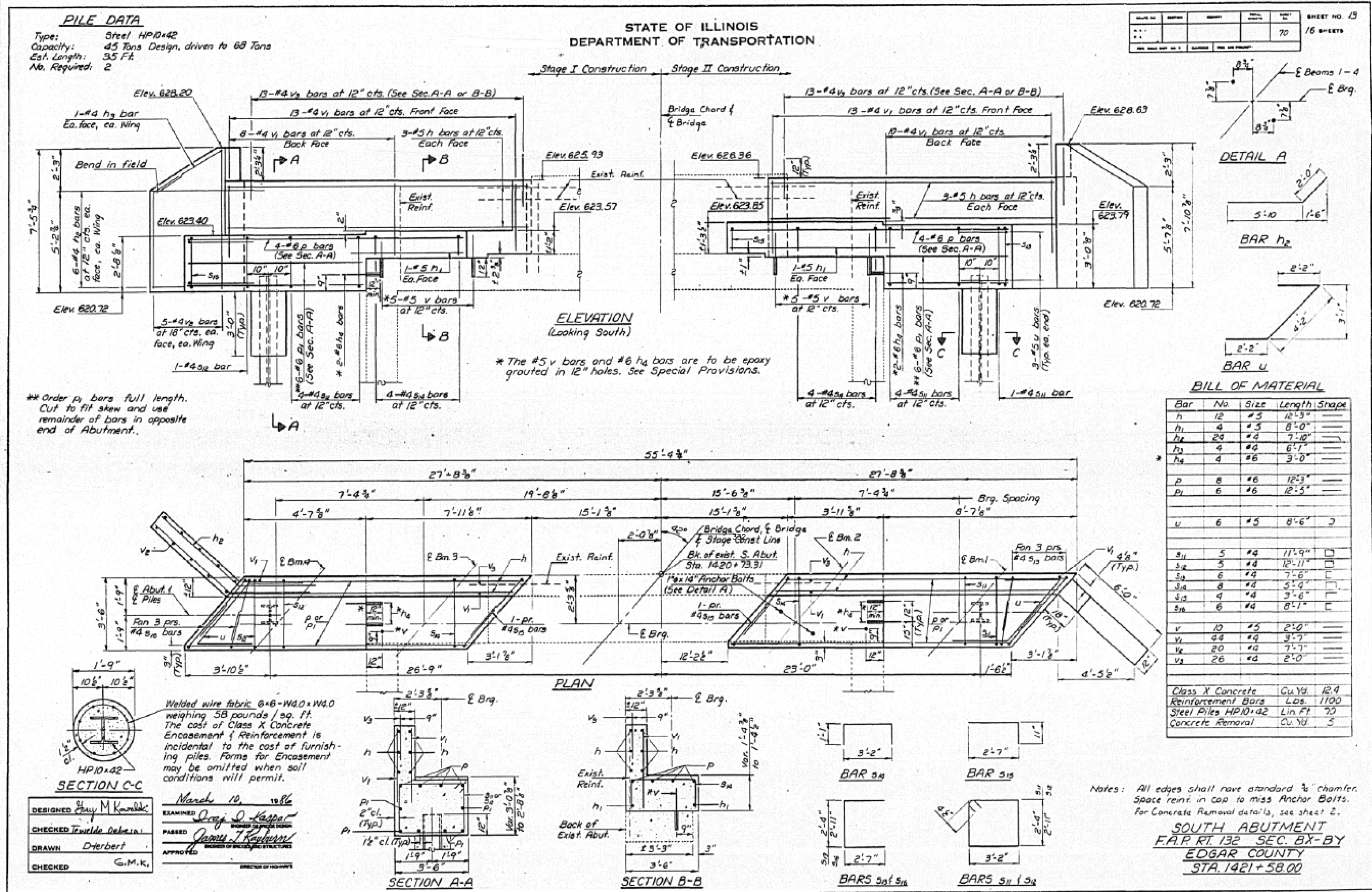
**SETTING ANCHOR BOLTS AT EXP. BRG.**  
D = 1/8" per each 100' of expansion for every 15° temp change from the normal temp of 50°F

**BILL OF MATERIAL**

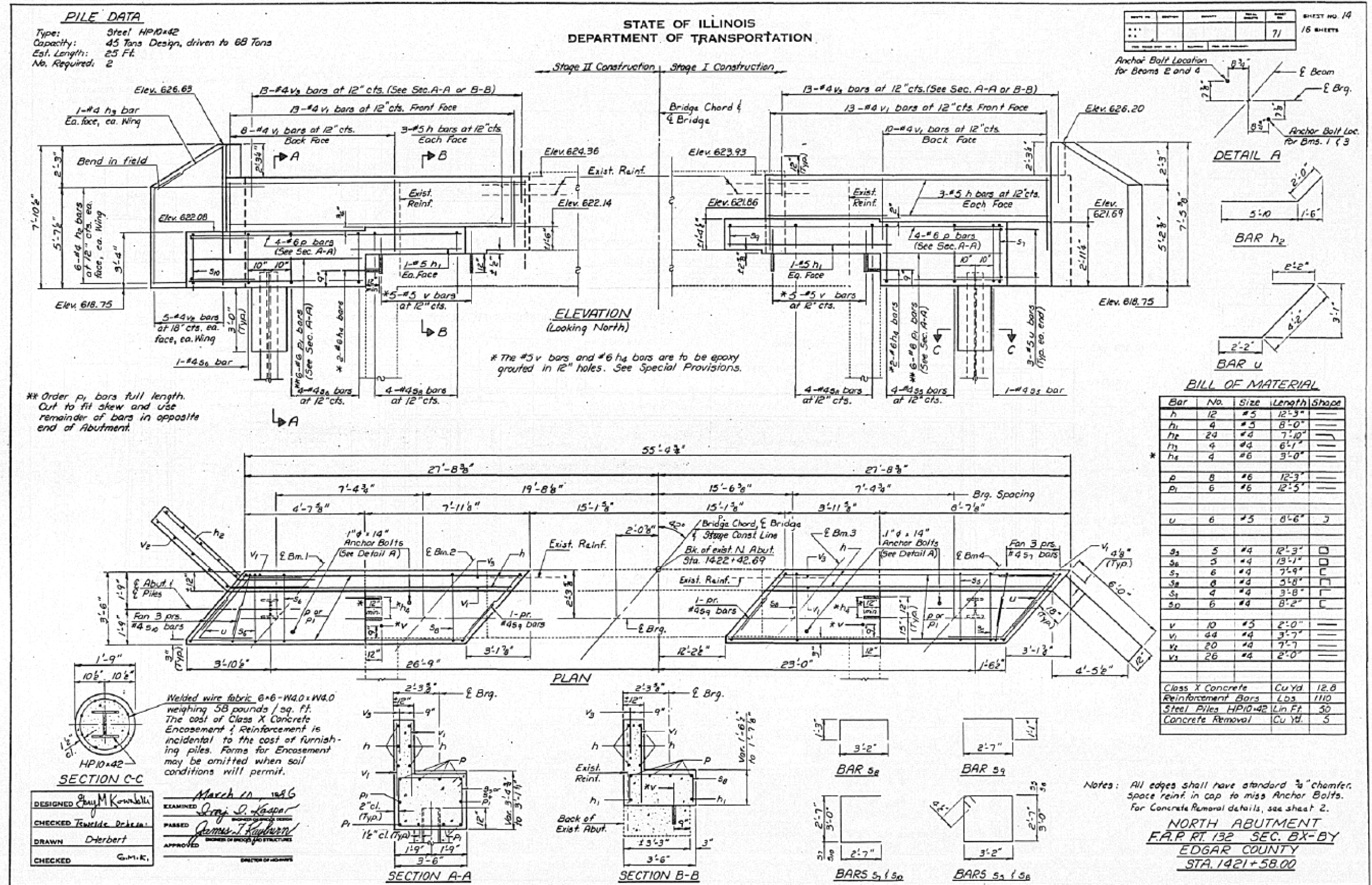
Item	Unit	Total
Elastomeric Bearing Assembly, Type II	Each	4

**BEARING DETAILS  
SOUTH ABUTMENT  
F.A.P. RT. 132 SEC. 6X-6Y  
EDGAR COUNTY  
STA. 1421+58.00**

# AS-BUILT PLANS (1952) FOR INFORMATION ONLY S.N. 023-0004

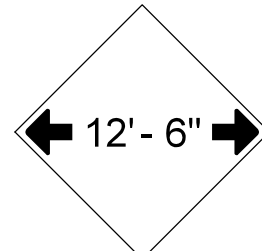


# AS-BUILT PLANS (1952) FOR INFORMATION ONLY S.N. 023-0004



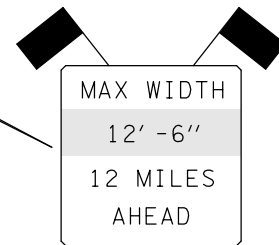
# WIDTH RESTRICTION SIGNING DETAIL (STAGE II CONSTRUCTION ONLY)

**MAIN ST./JASPER ST. IN PARIS**



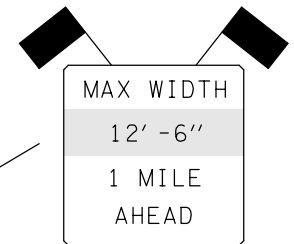
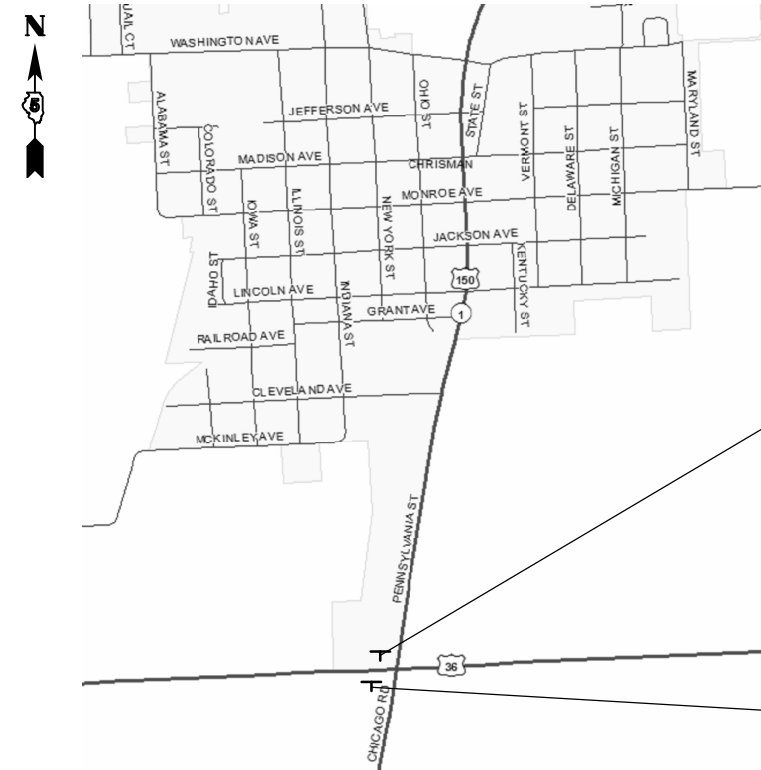
12 MILES

ERECT BESIDE WEST US 150/NORTH IL 1 SIGNS ON RIGHT SIDE

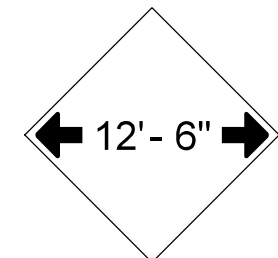


ERECT 75' ± PRIOR TO MONOTUBE (DUAL DISPLAY)

**US 150 /IL 1 AT US 36 IN CHRISMAN**



ERECT JUST PAST JCT US 36 SIGN



1 MILE

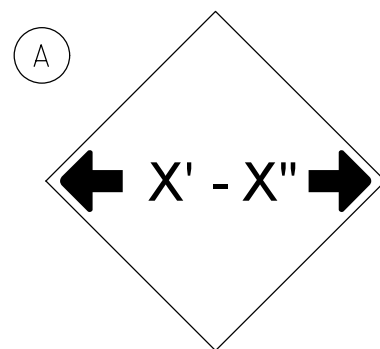
ERECT JUST PAST EAST US 150 / SOUTH IL 1 SIGNS

FILE NAME =	USER NAME = piersonbr	DESIGNED -	REVISED -
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*MODELNAME*	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	DATE = 3/16/2015	DATE -	REVISED -

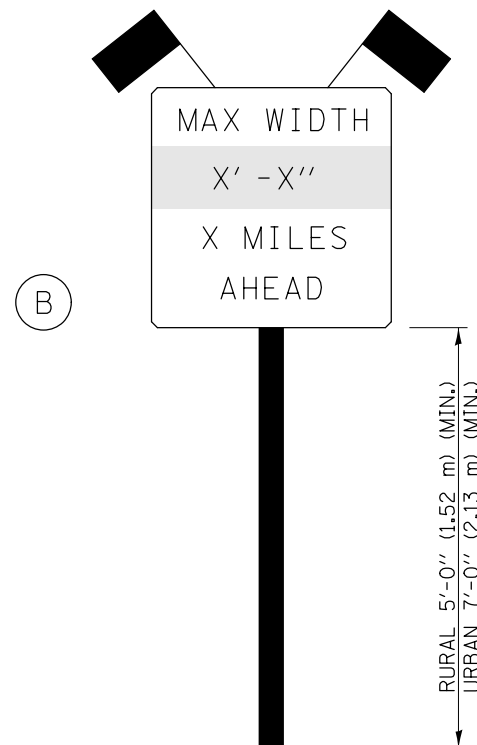
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

WIDTH RESTRICTION SIGNING DETAIL			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

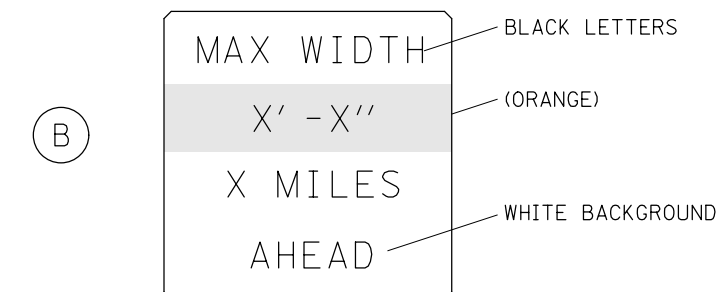
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332		EDGAR	171	112
• [(CX-1)RS-3 & (C-X)RS-6]BDR			CONTRACT NO. 70839	
ILLINOIS FED. AID PROJECT				



W12-2(0)-48"x48"(1200x1200)



SIGN PANEL, TYPE II



W12-I103(0)-48"x48"(1200x1200)  
"D" LETTERS/NUMBERS

SIGN (A) 2 SIGNS - W12-2(0)-48"x48"(1200x1200) ARE TO BE PLACED AS SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGINEER.

SIGN (B) 2 SIGNS - (SIGN PANEL, TYPE II) AS SHOWN ARE TO BE PLACED AS SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGINEER.

GENERAL NOTES

1. ALL TRAFFIC CONTROL DEVICES SHALL BE FURNISHED, ERECTED AND MAINTAINED BY THE CONTRACTOR.
2. ALL (B) SIGNS SHALL HAVE FLAGS INSTALLED UNLESS OTHERWISE DIRECTED.
3. LOCATIONS OF TRAFFIC CONTROL DEVICES MAY BE ADJUSTED BY THE ENGINEER.
4. ALL TRAFFIC CONTROL SHOWN ON THIS SHEET SHALL BE PAID FOR AT THE CONTRACT LUMP SUM PRICE FOR WIDTH RESTRICTION SIGNING.
5. ALL SIGNS SHALL BE POST MOUNTED UNLESS OTHERWISE DIRECTED.
6. ALL SIGNS SHOWN ORANGE (O) SHALL BE FLUORESCENT ORANGE.
7. ALL SIGNS SHOWN SHALL CONSIST OF THE CURRENT RETROREFLECTIVE SHEETING REQUIREMENTS AS OUTLINED IN SECTION 1106.01 OF THE STANDARD SPECIFICATIONS BOOK.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = ppersonbr	DESIGNED -	REVISED - 03/11 -KJT
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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED - 10/08 - KJT
	PLOT DATE = 3/16/2015	DATE -	REVISED - 7/09 - KJT

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

WIDTH RESTRICTION SIGNING

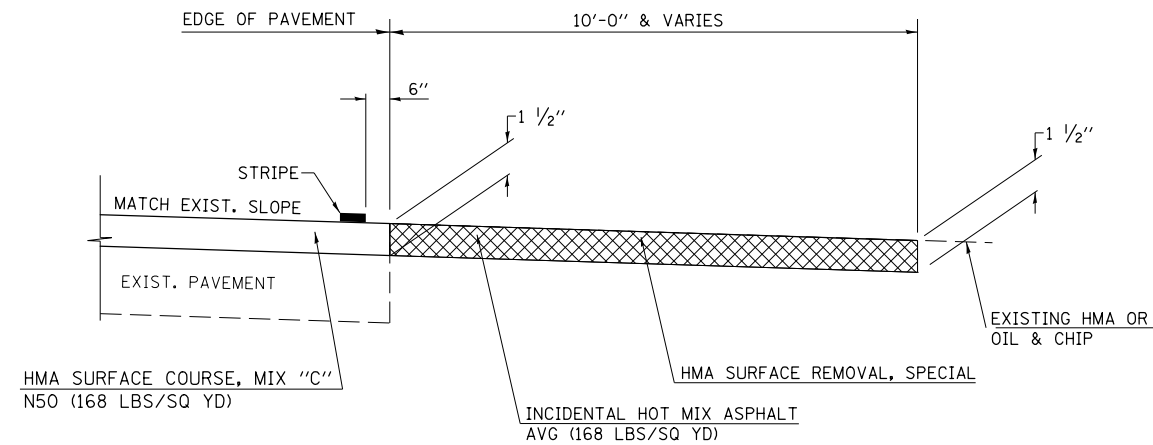
SCALE: SHEET NO. OF SHEETS STA. TO STA.

DISTRICT 5 DETAIL NO. X7200201

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332		EDGAR	171	113
• [(CX-1)RS-3 & (C-X)RS-6]BDR			CONTRACT NO. 70839	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

## DETAIL FOR INCIDENTAL RESURFACING AT SIDEROADS

(EXISTING HMA OR OIL & CHIP 10' OR LONGER)

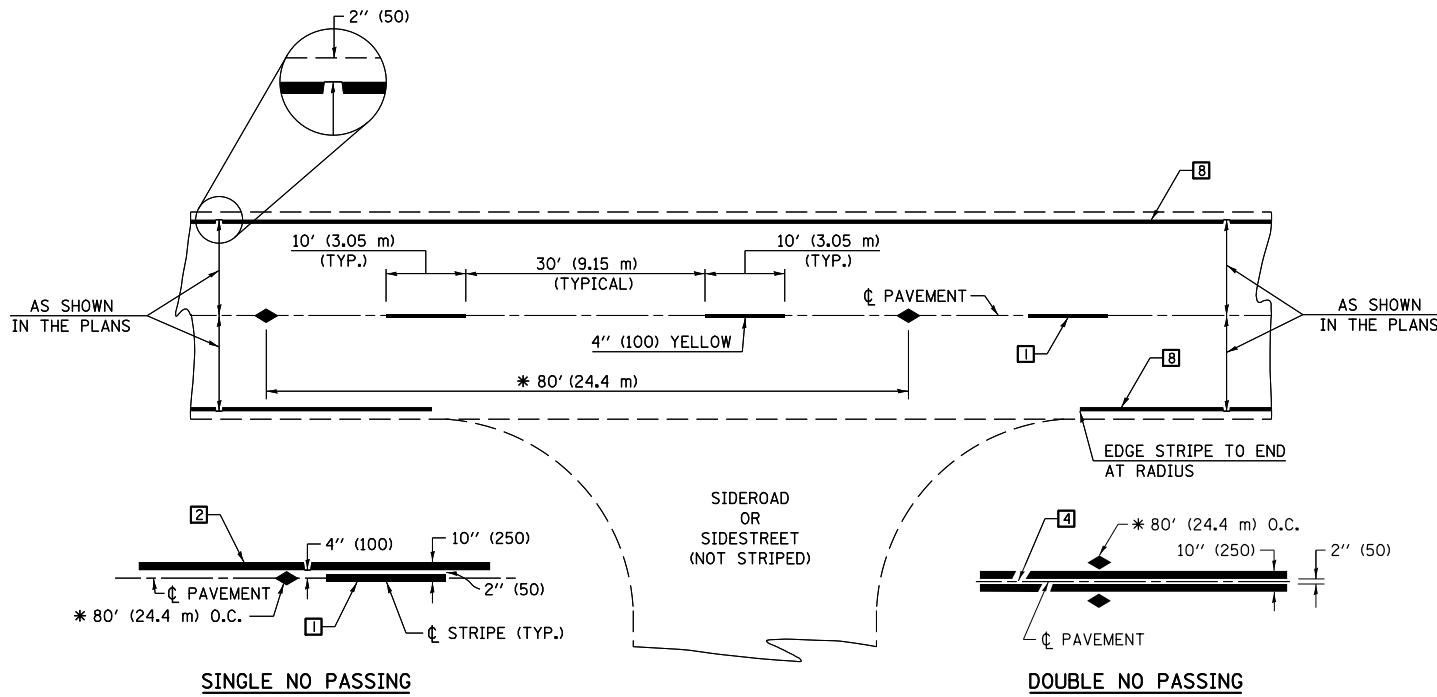


NOTES: THE INTENT IS TO RESURFACE THE EXISTING CONFIGURATION OF THE ENTRANCES AND SIDEROADS TO A MAXIMUM OF 10' FROM THE EDGE OF PAVEMENT. EXISTING SIDEROADS SHOULD BE RESURFACED TO MAINTAIN THEIR CURRENT RADII.

### GENERAL NOTES

1. THE EXISTING SURFACE SHALL BE PREPARED IN ACCORDANCE WITH SECTION 408 OF THE STANDARD SPECIFICATIONS.
2. ANY NECESSARY WORK BEHIND THE HMA SHOULDER OR THE INCIDENTAL HMA SURFACING SHALL BE AS SHOWN IN THE PLANS AND/OR AS DIRECTED BY THE ENGINEER.
3. TO ASSURE APPROPRIATE ACCESS POLICIES ARE FOLLOWED ALL NEW ACCESS SHALL BE APPLIED FOR THROUGH THE BUREAU OF OPERATIONS PERMIT APPLICATION PROCESS. PLAN PREPARATION MEMORANDUMS 40-09 AND 40-11 ALONG WITH DISTRICT CONSTRUCTION MEMORANDUM 03/14 DISCUSS THIS PROCEDURE.
4. PROPOSED SIDEROAD GRADES SHALL BE AS DIRECTED BY THE ENGINEER.

FILE NAME =	USER NAME = piersonbr	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DETAIL FOR INCIDENTAL RESURFACING AT SIDEROADS</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
p:\11\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 5\Projects\05798\Drawings\Design\0579839-shr-details.dwg						DRAWN	REVISED	332	•	EDGAR	171	114
PLOT SCALE = 40.0000' / in.						CHECKED -	REVISED -	• [(CX-1)RS-3 & (C-X)RS-6]BDR		CONTRACT NO. 70839		
*MODELNAME*						DATE -	REVISED -	ILLINOIS FED. AID PROJECT				
						SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.



\* REDUCE TO 40' (12.2 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEEDS OF 45 mph (70 km/h) OR LESS.

**TWO LANE/TWO WAY**

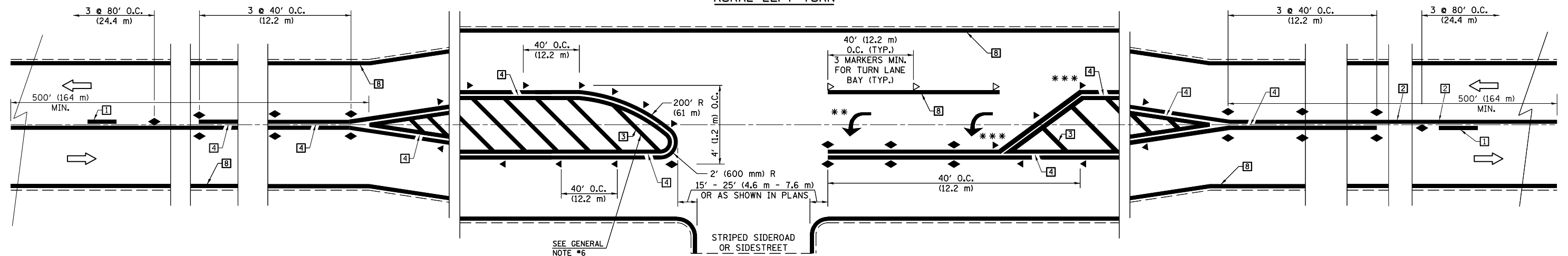
**TYPICAL PAVEMENT MARKING LEGEND**

- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 RESERVED
- 6 RESERVED
- 7 4" (100) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)
- 12 8" (200) SOLID (WHITE)
- 13 4" (100) LANE LINE EXTENSIONS (WHITE)
- 14 4" (100) PARKING WHITE

**TYPICAL PAVEMENT MARKERS LEGEND**

- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER

**RURAL LEFT TURN**



\*\*\* REDUCE SPACING IF NECESSARY TO ASSURE MARKERS AT CORNER POINTS.

\*\* TURN ARROWS SHALL BE PLACED AS SHOWN ON SHEET #2.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = piersonbr	DESIGNED -	REVISED - 11/06
pw:\IL\084EBIDINTEG\illinois.gov\PWIDOT\Documents\DOT Offices\District 5\Projects\05798\Drawings\Design\0579839-shr-details.dwg		DRAWN -	REVISED - 09/2009 - KJT
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED - 04/14 - JLA
	PLOT DATE = 3/16/2015	DATE -	REVISED -

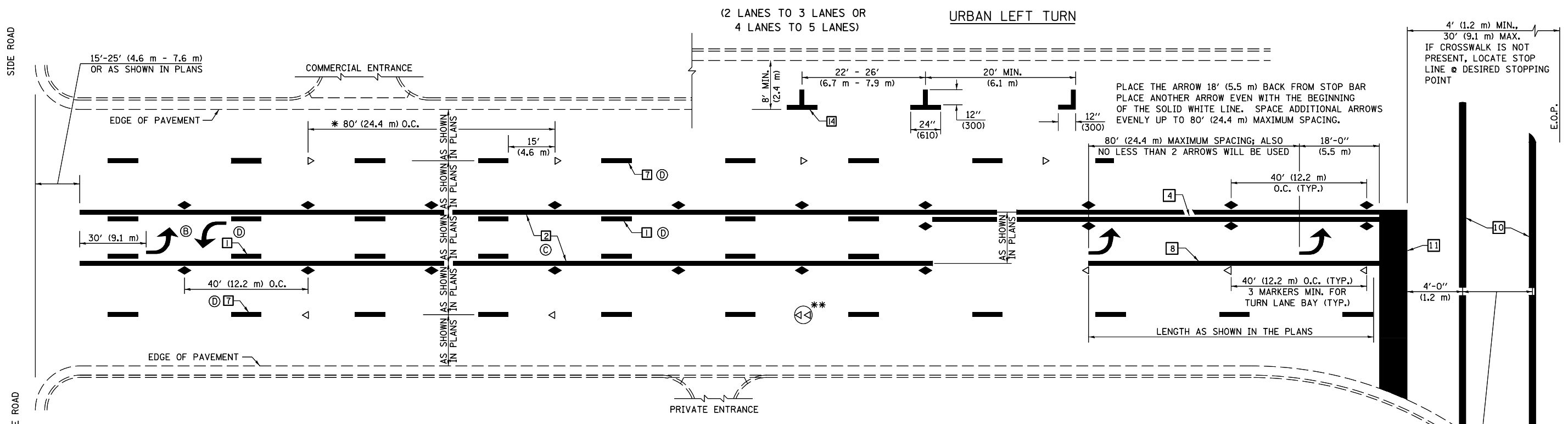
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND MARKERS  
(RURAL & URBAN APPLICATIONS)**

SCALE: SHEET NO. 1 OF 4 SHEETS STA. TO STA.

**DISTRICT 5 DETAIL NO. 7800AAA**

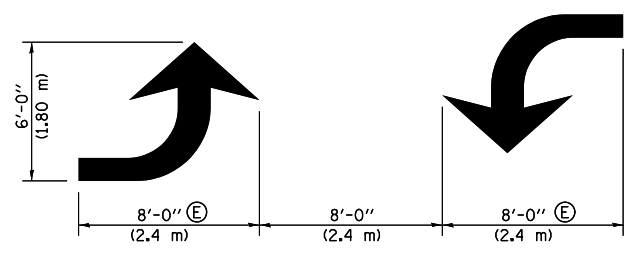
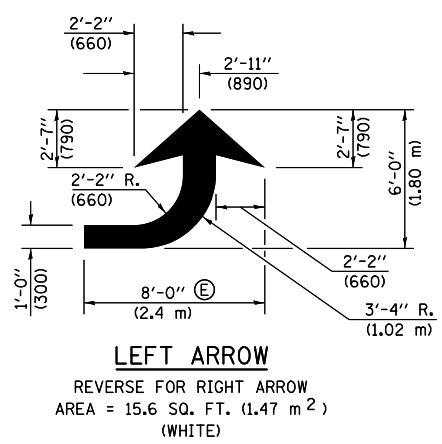
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332		EDGAR	171	115
* [(CX-1)RS-3 & (C-X)RS-6]BDR			CONTRACT NO. 70839	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



\* REDUCE TO 40 FEET (12.2 METERS) ON CENTER ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH (15 km/h) LOWER THAN POSTED SPEEDS.

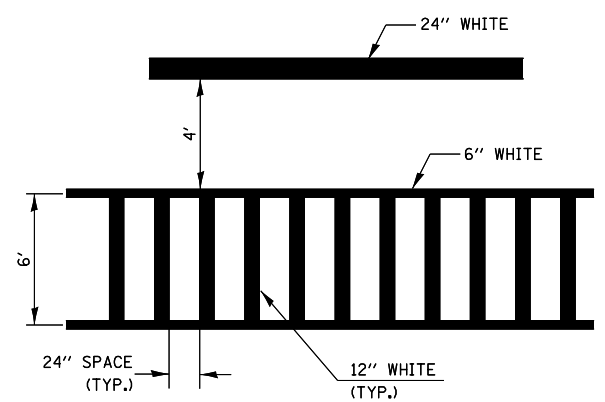
\*\* DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED AND SPACED AS SHOWN IN HIGHWAY STANDARD 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED HIGHWAYS.

- GENERAL NOTES:**
- ⓑ TURN ARROW PAIRS SHALL BE PLACED AT 250' (75 m) INTERVALS AND SHALL BE EVENLY SPACED BETWEEN BOTH ENDS OF THE BIDIRECTIONAL LEFT TURN LANE.
  - ⓒ THE SOLID YELLOW PAVEMENT MARKINGS [2] SHOULD GENERALLY START OR END NEAR THE RADIUS POINT OF EACH STREET RETURN EXCEPT WHERE ONE OR BOTH ENDS WOULD INCLUDE STOP BARS.
  - ⓓ THE SKIP-DASH PAVEMENT MARKINGS [1] OR [7] SHOULD BE CENTERED BETWEEN BOTH ENDS OF EACH CITY BLOCK AND SHALL BE PLACED SO THEY LINE UP ACROSS FROM EACH OTHER. SEE EXAMPLE ON SHEET 2 OF 3.
  - ⓔ USE LARGE ARROW SIZE FOR BOTH RURAL AND URBAN LOCATIONS. (SEE LAST PAGE OF SECTION 780x FOR SYMBOLS TABLE)

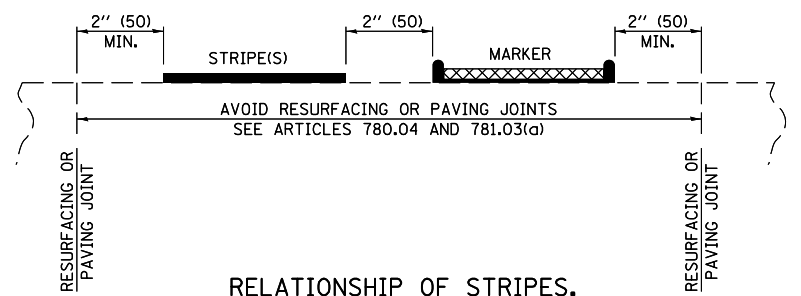


**TYPICAL DOUBLE TURN ARROWS (WHITE)**

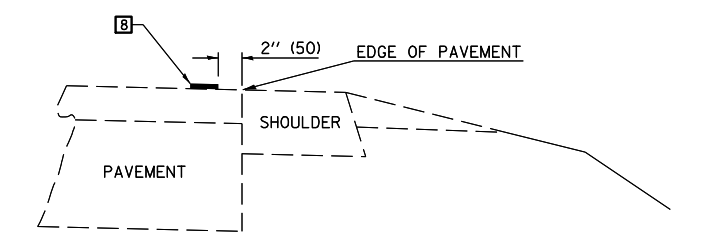
**BLOOMINGTON-NORMAL CITY LIMITS ONLY**



**TYPICAL SPACING FOR CROSSWALKS & STOP BARS**



**RELATIONSHIP OF STRIPES, MARKERS AND JOINTS**



**RELATIONSHIP OF EDGE LINE TO EDGE OF PAVEMENT (SAFETY SHOULDER OR PAVED SURFACE) SEE ARTICLE 780.04**

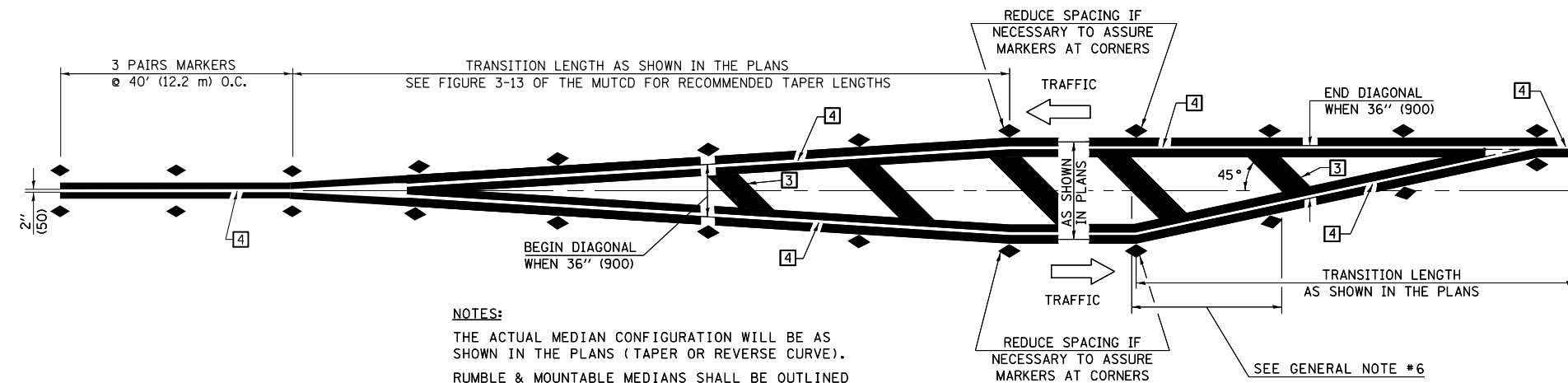
Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

**DISTRICT 5 DETAIL NO. 7800AAA**

FILE NAME =	USER NAME = piersonbr	DESIGNED -	REVISED - 11/06	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING AND MARKERS (RURAL &amp; URBAN APPLICATIONS)</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw\11\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 5\Projects\05798\Drawings\Design\0579839-shd-details.dwg	DRAWN	REVISOR	REVISOR			332	.	EDGAR	171	116	
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISOR	REVISOR			• [(C-X)RS-3 & (C-X)RS-6]BDR CONTRACT NO. 70839					
PLOT DATE = 3/16/2015	DATE -	REVISOR	REVISOR			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

SCALE: SHEET NO. 2 OF 4 SHEETS STA. TO STA.



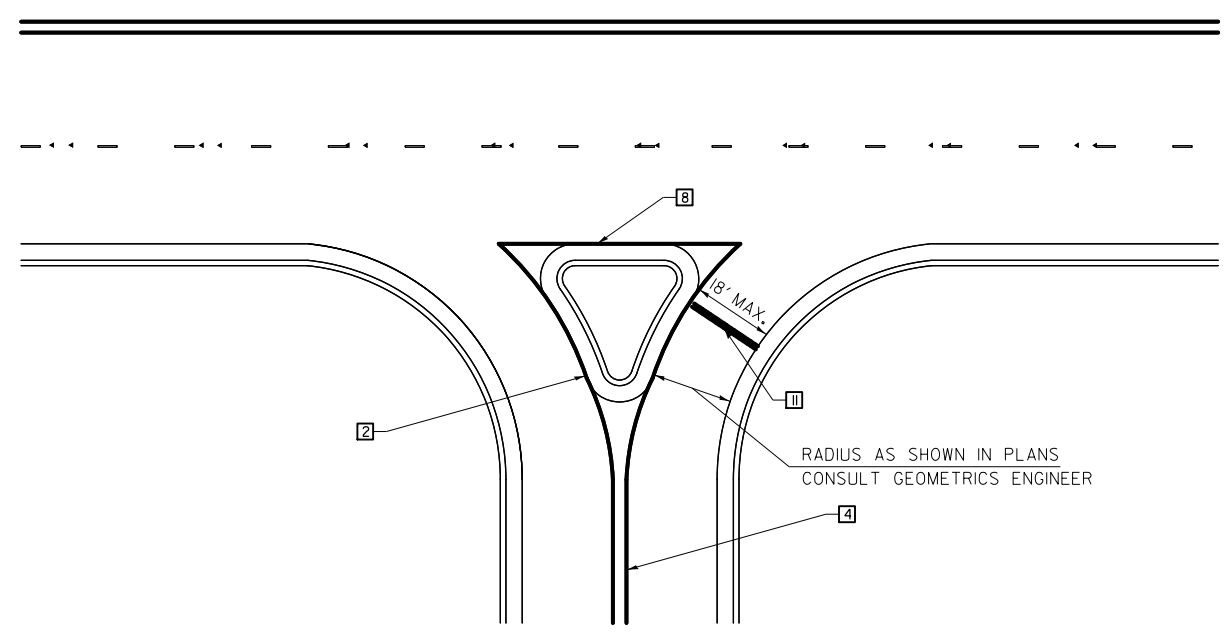


**NOTES:**  
 THE ACTUAL MEDIAN CONFIGURATION WILL BE AS SHOWN IN THE PLANS (TAPER OR REVERSE CURVE).  
 RUMBLE & MOUNTABLE MEDIANS SHALL BE OUTLINED WITH [2].

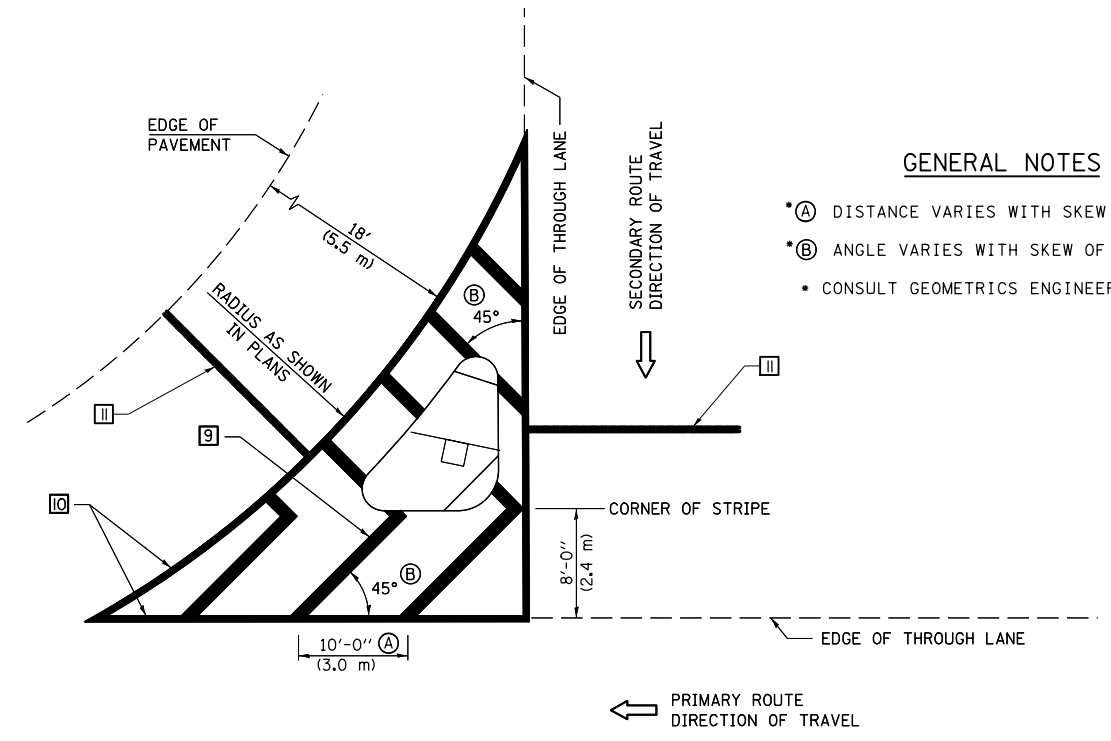
**TYPICAL MEDIAN TRANSITIONS**

**GENERAL NOTES**

1. WHEN MEDIANS ARE PRESENT, PAVEMENT MARKINGS ARE TO BE PLACED ADJACENT TO MEDIANS.
2. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
3. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
4. A STRIPING KEY IS AVAILABLE ELSEWHERE AND SHALL BE SHOWN WHERE THE QUANTITIES ARE LISTED.
5. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING ANY RAISED REFLECTIVE PAVEMENT MARKERS.
6. THE FOLLOWING CRITERIA SHALL BE USED FOR SELECTING THE DIAGONAL PAVEMENT MARKING SPACING,  
 < 30 MPH USE 15' (< 50 km/h USE 4.5 m)  
 30-45 MPH USE 20' (50-75 km/h USE 6.0 m)  
 > 45 MPH USE 30' (> 75 km/h USE 9.0 m)



**RIGHT IN - RIGHT OUT ACCESS**



**ISLAND**

**GENERAL NOTES**

- (A) DISTANCE VARIES WITH SKEW OF INTERSECTION.
- (B) ANGLE VARIES WITH SKEW OF INTERSECTION.
- CONSULT GEOMETRICS ENGINEER

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = piersonbr	DESIGNED -	REVISED - 11/06
pw:\11\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 5\Projects\05798\Drawings\Design\0579839-shr-details.dwg		DRAWN -	REVISED - 09/2009 - KJT
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	PLOT DATE = 3/16/2015	DATE -	REVISED -

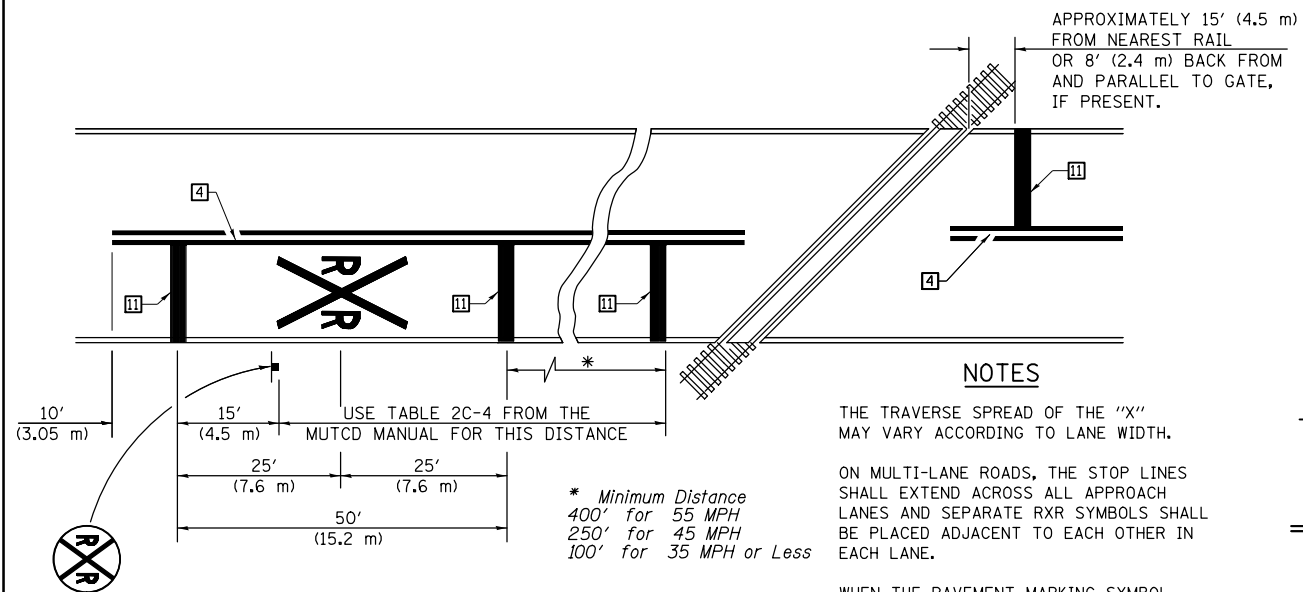
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND MARKERS  
 (RURAL & URBAN APPLICATIONS)**

SCALE: SHEET NO. 3 OF 4 SHEETS STA. TO STA.

**DISTRICT 5 DETAIL NO. 7800AAAA**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332		EDGAR	171	117
• [(CX-1)RS-3 & (C-X)RS-6]BDR			CONTRACT NO. 70839	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING

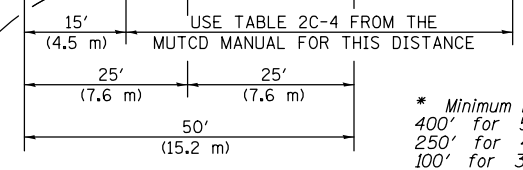
**NOTES**

THE TRAVERSE SPREAD OF THE "X" MAY VARY ACCORDING TO LANE WIDTH.

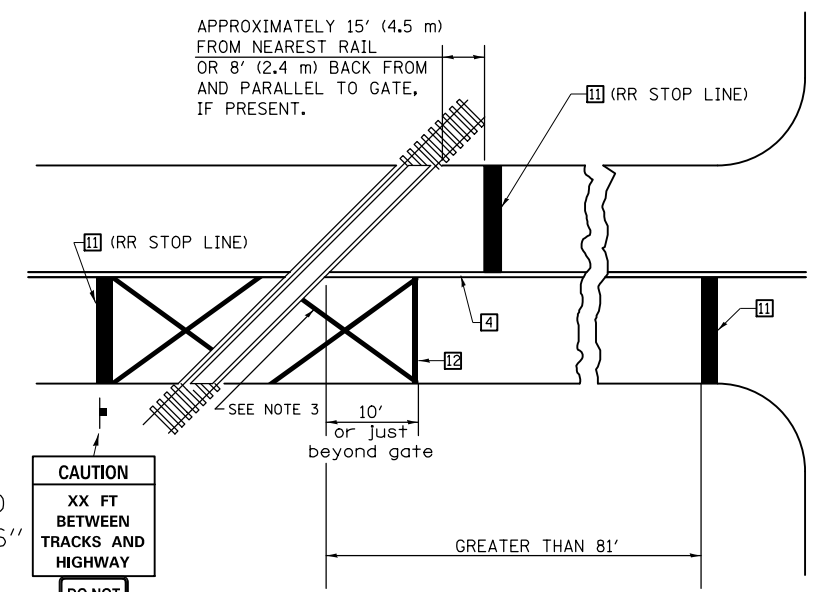
ON MULTI-LANE ROADS, THE STOP LINES SHALL EXTEND ACROSS ALL APPROACH LANES AND SEPARATE RXR SYMBOLS SHALL BE PLACED ADJACENT TO EACH OTHER IN EACH LANE.

WHEN THE PAVEMENT MARKING SYMBOL IS USED, A PORTION OF THE SYMBOL SHOULD BE LOCATED DIRECTLY ADJACENT TO THE ADVANCE WARNING SIGN (W10-1) AS PLACED BY TABLE II-1, CONDITION B OF THE MUTCD.

\* Minimum Distance  
 400' for 55 MPH  
 250' for 45 MPH  
 100' for 35 MPH or Less



RAILROAD CROSSING WITH INTERCONNECT ONLY



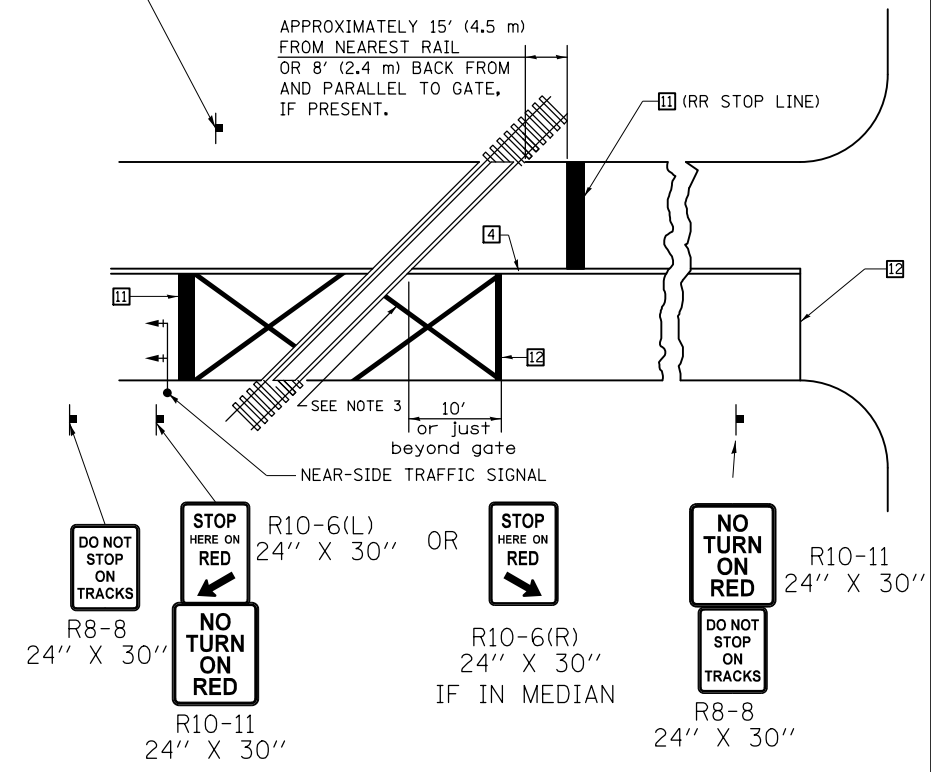
W10-I100  
 30" X 36"

CAUTION  
 XX FT  
 BETWEEN  
 TRACKS AND  
 HIGHWAY

DO NOT  
 STOP ON  
 TRACKS

R8-8  
 24" X 30"

RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



DO NOT  
 STOP ON  
 TRACKS

R8-8  
 24" X 30"

STOP  
 HERE ON  
 RED

R10-6(L)  
 24" X 30"

OR

STOP  
 HERE ON  
 RED

R10-6(R)  
 24" X 30"  
 IF IN MEDIAN

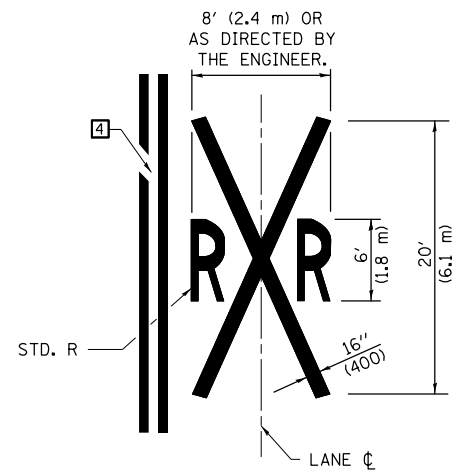
NO  
 TURN  
 ON  
 RED

R10-11  
 24" X 30"

DO NOT  
 STOP ON  
 TRACKS

R8-8  
 24" X 30"

SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING



ALTERNATE SIGNS

STOP  
 HERE  
 ON  
 RED

R10-6a(L)  
 24" X 30"

STOP  
 HERE  
 ON  
 RED

R10-6a(R)  
 24" X 30"

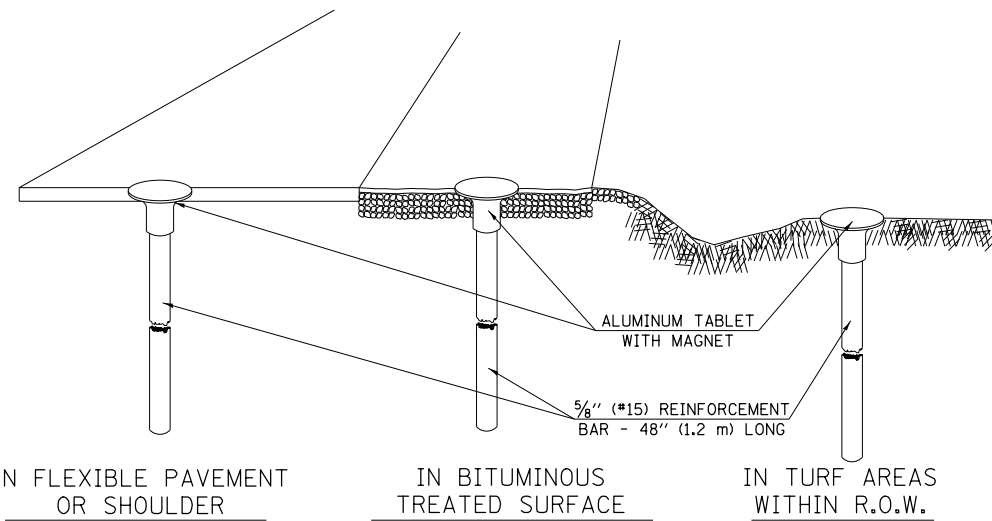
GENERAL NOTES

- SUPPLEMENTAL PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
- EXTEND PAVEMENT MARKINGS TO THE INTERSECTION ONLY WHERE NEAR-SIDE TRAFFIC SIGNALS ARE USED.
- 6" WHITE PAVEMENT MARKINGS AT 45° TO PAVEMENT, 8' CENTER TO CENTER.
- XX DISTANCE TO BE SHOWN ON SIGN MEASURED FROM A POINT 6 FEET FROM THE RAIL CLOSEST TO THE INTERSECTION OR FROM THE CLOSEST POINT ALONG THE EXIT GATE IF PRESENT OVER THE ROADWAY WHEN IN THE LOWERED POSITION TO THE STOP BAR OR CROSSWALK, WHICH EVER IS CLOSEST, ROUNDED DOWN TO NEAREST 5 FEET. WHERE THERE IS NO STOP LINE, MEASURE TO POINT WHERE DRIVER HAS A VIEW OF APPROACHING TRAFFIC.
- THE CLEARANCE SIGN IS ALSO TO BE USED AS AN INTERIM MEASURE AT LOCATIONS WITH INTERCONNECTED INTERSECTION TRAFFIC SIGNALS WHERE IT IS PLANNED TO CHANGE THEM TO NEAR-SIDE SIGNALS AT A FUTURE TIME. IN THIS CASE, THE DISTANCE TO BE SHOWN ON THE SIGN IS MEASURED FROM THE EDGE OF THE STRIPED-OUT AREA INSTEAD OF 6 FEET FROM THE RAIL. THE SIGN IS TO BE REMOVED WHEN THE NEAR-SIDE SIGNALS ARE INSTALLED AND THE PAVEMENT MARKINGS EXTENDED TO THE INTERSECTION.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

## XZ193300 – SURVEY MARKER, TYPE 1 (SPECIAL)

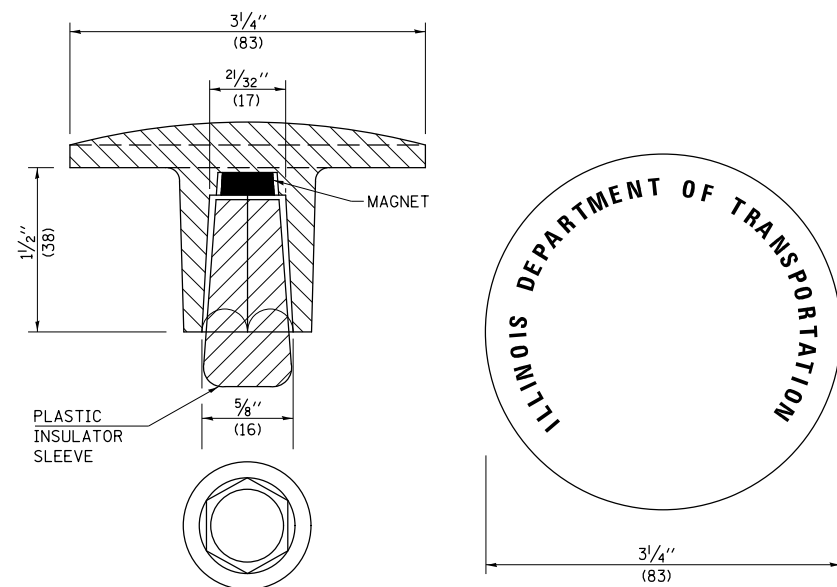
TO BE INSTALLED IN FLEXIBLE PAVEMENT OR SHOULDER, BITUMINOUS TREATED SURFACE AND TURF AREAS WITHIN THE RIGHT-OF-WAY FOR PRESERVING PERMANENT SURVEY MARKERS (PI'S, PT'S, PC'S, POC'S, & POT'S)



IN FLEXIBLE PAVEMENT OR SHOULDER

IN BITUMINOUS TREATED SURFACE

IN TURF AREAS WITHIN R.O.W.



THE DIMENSIONS SHOWN SHALL BE EXACT, OTHERS MAY VARY, BUT SHALL BE SHOWN ON SHOP DRAWINGS.

### GENERAL NOTES

1. THE CONTRACT UNIT PRICE, EACH, FOR SURVEY MARKER, TYPE 1 (SPECIAL) SHALL BE PAYMENT IN FULL FOR FURNISHING THE REINFORCEMENT BAR AND ALUMINUM TABLET AND FOR ALL LABOR AND MATERIAL REQUIRED TO SET THE MARKER IN PLACE.
2. ALL SURVEY MARKERS, TYPE 1 (SPECIAL) SHALL BE PLACED  $\pm 1/4$ " (6 mm) BELOW THE FINAL SURFACE.
3. WHEN THE TABLET AND REBAR ARE PLACED AS PART OF A SURVEY MARKER VAULT, THEY SHALL BE CONSIDERED AS INCLUDED IN THAT PAY ITEM AND THERE WILL BE NO PAYMENT FOR THE SURVEY MARKER, TYPE 1 (SPECIAL).

### SPECIFICATIONS FOR ALUMINUM TABLET

SURVEY CAP FOR REBAR.  $3/4$ " (83 mm) CONVEX SURVEY CAP FOR  $5/8$ " (15 mm) REBAR WITH ILLINOIS DEPARTMENT OF TRANSPORTATION LOGO. THIS LOGO SHALL PROVIDE LETTERS RECESSED INTO THE SURFACE A MINIMUM OF  $1/32$ " (0.8 mm) FOR EASY AND LONG-TERM LEGIBILITY. THE ALUMINUM CAP FOR REBAR SHALL BE PRODUCED BY THE PROCESS OF ORBITAL FORGING TO PRODUCE A HIGH-STRENGTH AND DURABLE MARKER CAP WHICH WILL NOT CHIP OR BREAK AND PROVIDE A SMOOTH FINISH FOR STAMPING OF DATA IN THE FIELD. THE ALUMINUM CAP FOR REBAR SHALL BE TAPERED FOR A PERFECT COMPRESSION FIT. A SPECIAL PLASTIC INSULATOR SHALL BE INSTALLED TO PREVENT DISSIMILAR METAL CONTACT AND CORROSION. THE PLASTIC INSULATOR SHALL FORM READILY TO THE OUTER SHAPE OF THE REBAR AND TO THE INNER SHAPE OF THE ALUMINUM CAP SOCKET. THE PLASTIC INSULATOR SHALL BE LOW DENSITY POLYETHYLENE, A MINIMUM  $1 1/2$ " (38 mm) LONG AND CONFORM TO FEDERAL SPECIFICATION L-P 390.

COMPOSITION: ALUMINUM 98.3-98.7%; OTHER 1.3-1.7%; STRENGTH: YIELD 28 KSI (193 MPa), ULTIMATE 32 KSI (221 MPa). ELONGATION 15% [IN 2" (50 mm)]. SPECIFICATIONS: ALUMINUM ALLOY 6101-0; ASTM B317-83 (EXCEPT TEMPER) AS FORGED. NO EXCEPTIONS.

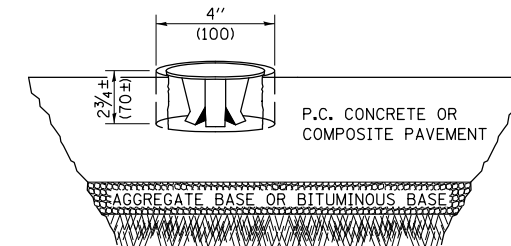
### SPECIFICATIONS FOR REBAR

REBAR FOR ALUMINUM TABLET. REINFORCEMENT BAR SHALL BE  $5/8$ " (#15) X 48" (1.2 m) (DEFORMED).

INSPECTION OF REINFORCEMENT BAR  $5/8$ " (#15) SHALL BE DONE BY DISTRICT PERSONNEL OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS.

## XZ193400 – SURVEY MARKER, TYPE 2 (SPECIAL)

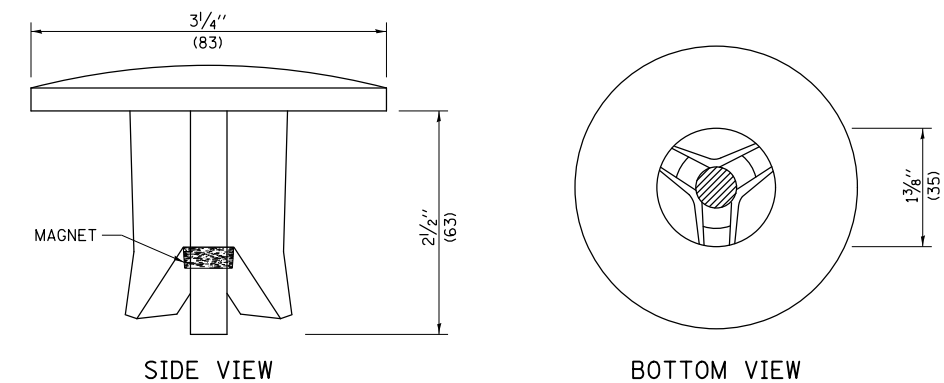
TO BE INSTALLED IN RIGID OR COMPOSITE PAVEMENT FOR PRESERVING PERMANENT SURVEY MARKERS (PI'S, PT'S, PC'S, POC'S, & POT'S)



### SPECIFICATIONS FOR ALUMINUM TABLET (FORKED)

ALUMINUM TABLET (FORKED) FOR USE WITH "SURVEY MARKER, TYPE 2, (SPECIAL)" SHALL BE AS SHOWN ON THE DETAIL FOR THE  $3/4$ " (83 mm) CONVEX SURVEY TABLET WITH ILLINOIS DEPARTMENT OF TRANSPORTATION LOGO. THIS LOGO SHALL PROVIDE FOR LETTERS RECESSED INTO THE SURFACE A MINIMUM OF  $1/32$ " (0.8 mm) FOR EASY AND LONG-TERM LEGIBILITY. THE ALUMINUM TABLET SHALL BE PRODUCED BY THE PROCESS OF ORBITAL FORGING TO PRODUCE A HIGH-STRENGTH AND DURABLE MARKER CAP WHICH WILL NOT CHIP OR BREAK AND PROVIDE A SMOOTH FINISH FOR STAMPING OF DATA IN THE FIELD. THE ALUMINUM TABLET SHALL BE DESIGNED NOT TO TURN OR ROTATE. THREE PRONGS ON A  $2 1/2$ " (63 mm) STEM SHALL BE SUCH THAT THE ALUMINUM TABLET CANNOT BE EASILY REMOVED.

COMPOSITION: ALUMINUM 92-93%; MAGNESIUM 6.5-7.5%. STRENGTH: YIELD 19,000-21,000 PSI (131-145 MPa); TENSILE 38,000-44,000 PSI (262-303 MPa); ELONGATION 10-15% [IN 2" (50 mm)]. SPECIFICATIONS: ALLOY 535.0; QQ-A-601ES. NO EXCEPTIONS.



THE DIMENSIONS SHOWN SHALL BE EXACT, OTHERS MAY VARY, BUT SHALL BE SHOWN ON SHOP DRAWINGS.

### GENERAL NOTES

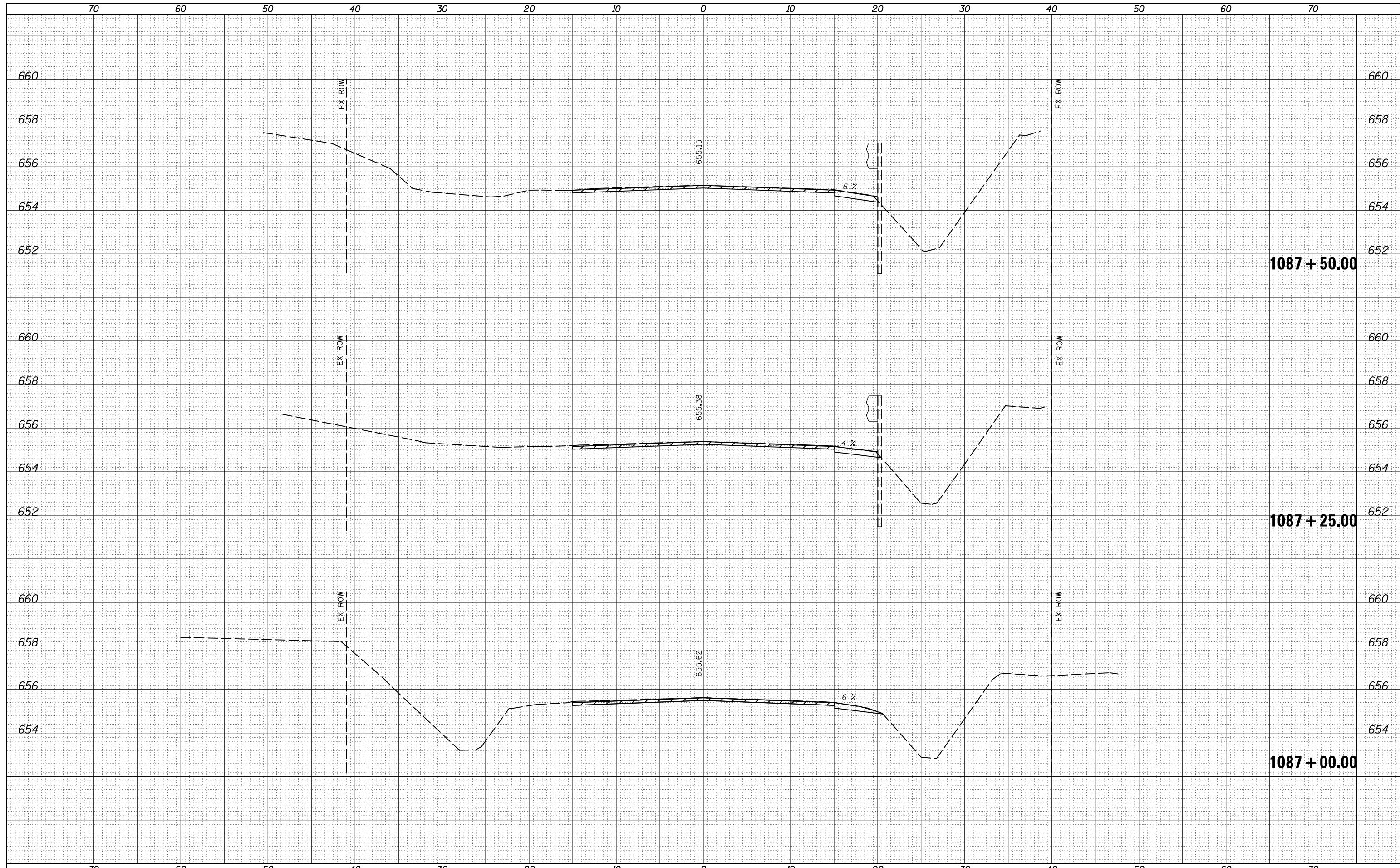
1. WORK ON THIS ITEM SHALL NOT START UNTIL THE FINAL SURFACE IS COMPLETED.
2. THE ALUMINUM TABLET (FORKED) SHALL REST UPON THE BOTTOM OF THE 4" (100 mm) CORE HOLE. IF THE HOLE IS TOO DEEP, EPOXY GROUT MUST BE USED TO DECREASE THE DEPTH AND ALLOWED TO HARDEN BEFORE PROCEEDING.
3. THE ALUMINUM TABLET SHALL BE ANCHORED IN THE 4" (100 mm) DIAMETER HOLE IN THE NEW PAVEMENT WITH TWO-COMPONENT EPOXY CONFORMING TO APPLICABLE PORTIONS OF ARTICLE 1025.01 OF THE STANDARD SPECIFICATIONS.
4. THE 4" (100 mm) CORE HOLE SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.
5. THE CONTRACT PRICE, EACH, FOR SURVEY MARKER, TYPE 2 (SPECIAL) SHALL BE PAYMENT IN FULL FOR FURNISHING THE ALUMINUM TABLET AND FOR ALL LABOR AND MATERIAL REQUIRED TO SET THE MARKER IN PLACE, AS SPECIFIED, INCLUDING CORING THE NEW PAVEMENT.
6. ALL SURVEY MARKERS, TYPE 2 (SPECIAL) SHALL BE PLACED  $\pm 1/4$ " (6 mm) BELOW THE FINAL SURFACE.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = piersonbr	DESIGNED -	REVISED - 11/06	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SURVEY MARKERS TYPE 1 &amp; 2 (SPECIAL)</b>				<b>DISTRICT 5 DETAIL NO. XZ193AAA</b>	
pw:\IL\084EBID\INTEG\illinois.gov\PIWIDOT\Documents\DOT Offices\District 5\Projects\0579\Drawings\Design\0570839-shr-details.dwg		DRAWN	REVISED - 11/10		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		PLOT SCALE = 40.0000' / in.	CHECKED -		REVISED -	332		EDGAR	171	119
		PLOT DATE = 3/16/2015	DATE -		REVISED -	• [(CX-1)RS-3 & (C-X)RS-6]BDR		CONTRACT NO. 70839		
					SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

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

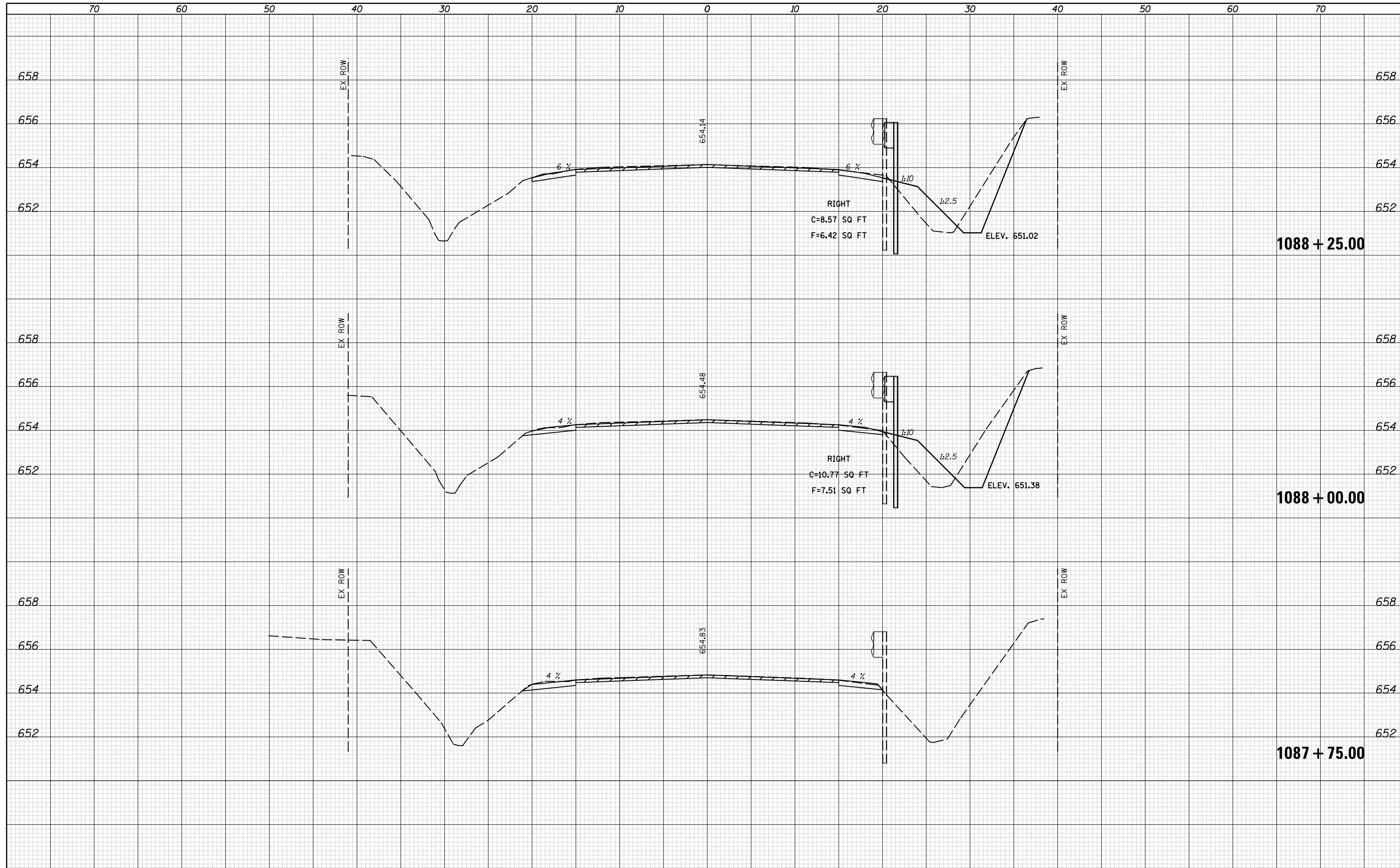
DATE	
BY	
ORIGINAL SURVEY NO.	
SURVEYED AREAS	
PLOTTED AREAS	
TEMPLATE AREAS	
CHECKED AREAS	



FILE NAME =	USER NAME = piersonbr	DESIGNED -	REVISOR -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTION SHEETS - FAP 322 (US 150/IL 1)</b> <b>BOX CULVERT AT STATION 1090+12.00</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN	DESIGNED			332		EDGAR	171	120
		CHECKED -	REVISOR -			•(C-X-1)RS-3 & (C-X)RS-6JBDR		CONTRACT NO. 70839		
*MODELNAME*	PLOT DATE = 3/16/2015	DATE -	REVISOR -	SCALE:	SHEET 1 OF 10 SHEETS	STA. 1087+00.00 TO STA. 1087+25.00		ILLINOIS FED. AID PROJECT		

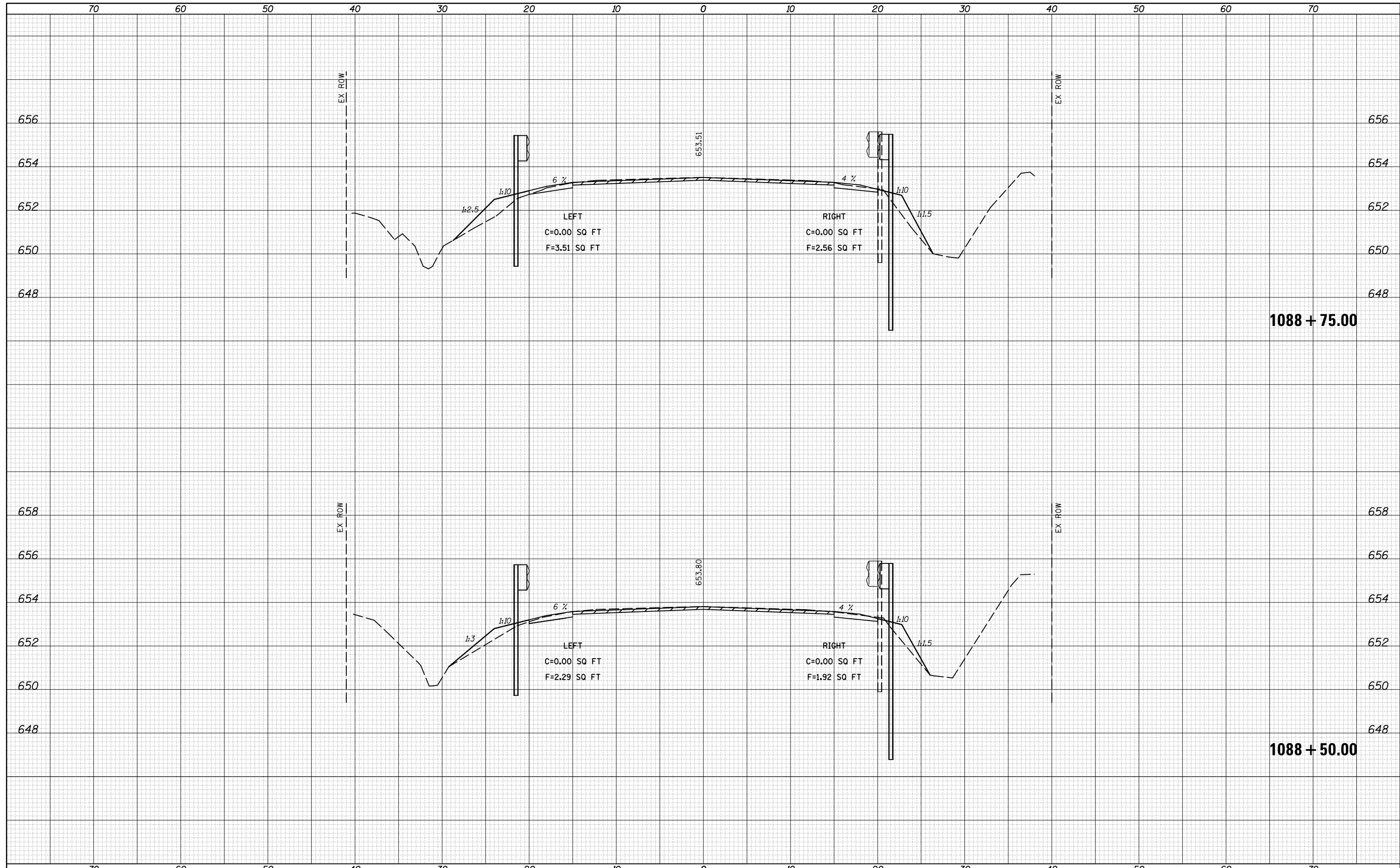
DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

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



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

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



FILE NAME =  
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 PLOT SCALE = 10.0000" / in.  
 \$MODELNAME\$

USER NAME = piersonbr	DESIGNED -	REVISOR -
PIERSONBR	DRAWN -	REVISION -
	CHECKED -	REVISOR -
	DATE -	REVISION -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTION SHEETS - FAP 322 (US 150 /L 1)  
 BOX CULVERT AT STATION 1090+12.00**

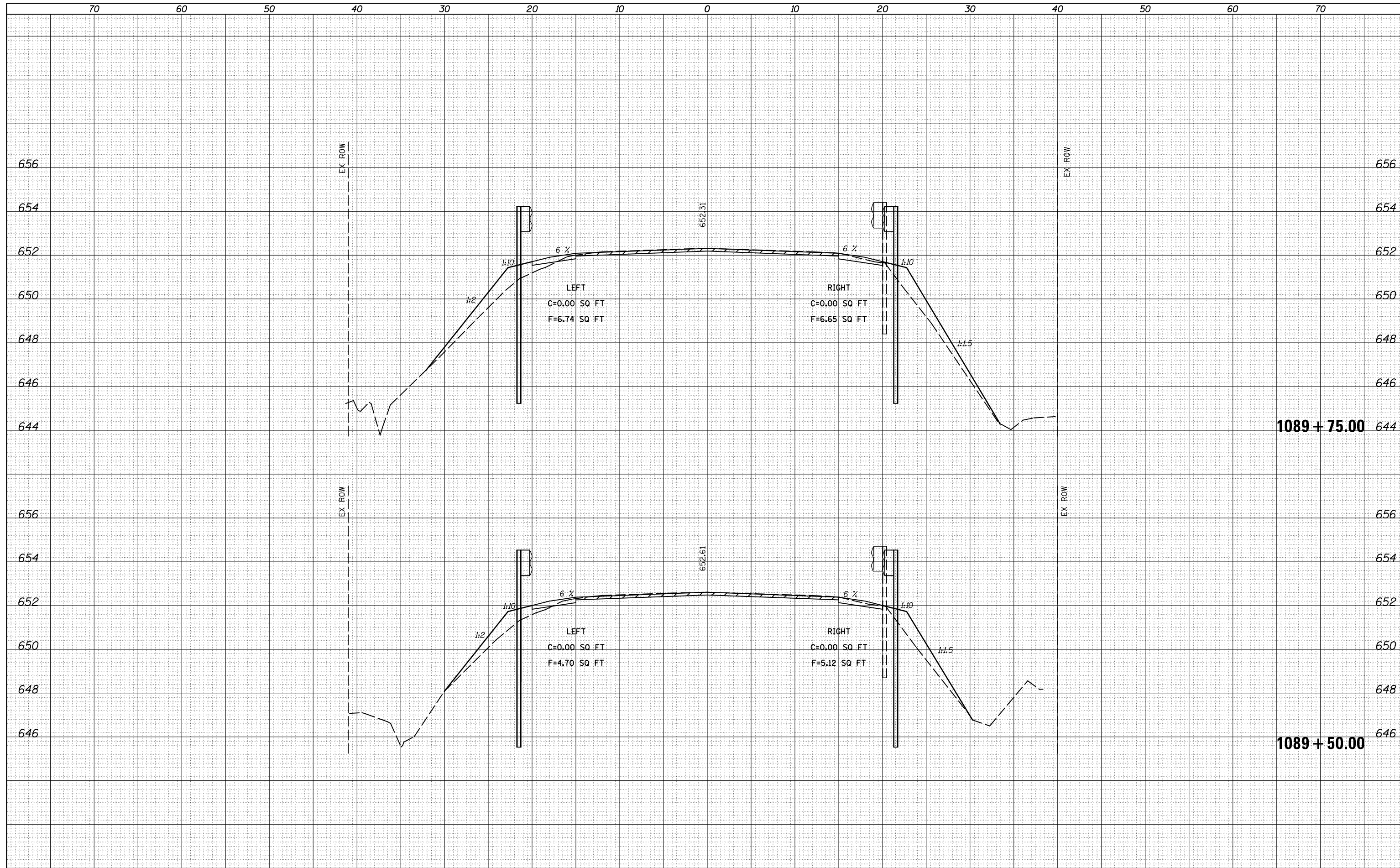
SCALE: SHEET 3 OF 10 SHEETS STA. 1088+50.00 TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332		EDGAR	171	122
• (CX-1)RS-3 & (C-X)RS-6(BDR)			CONTRACT NO. 70839	
ILLINOIS FED. AID PROJECT				



DATE	
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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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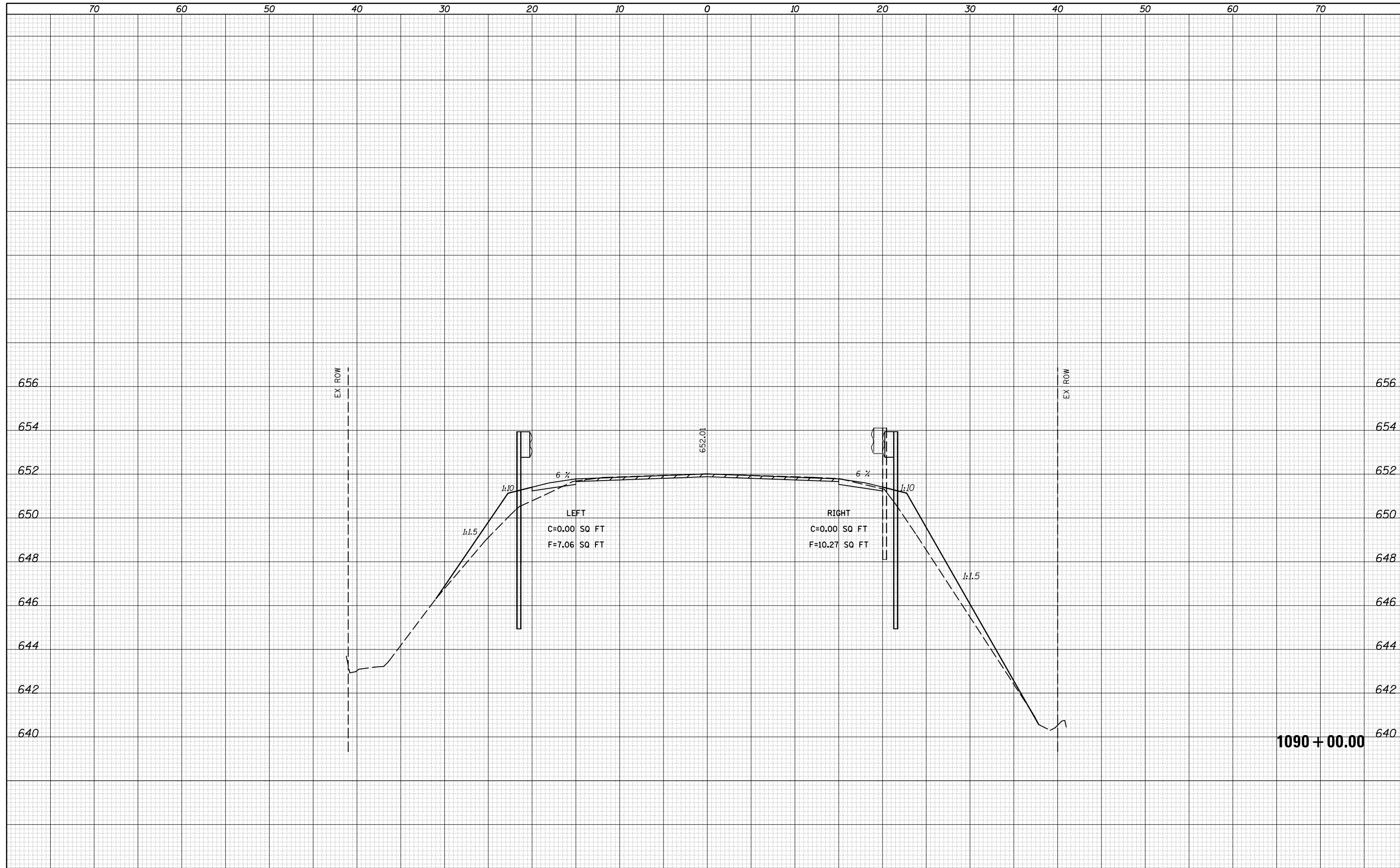
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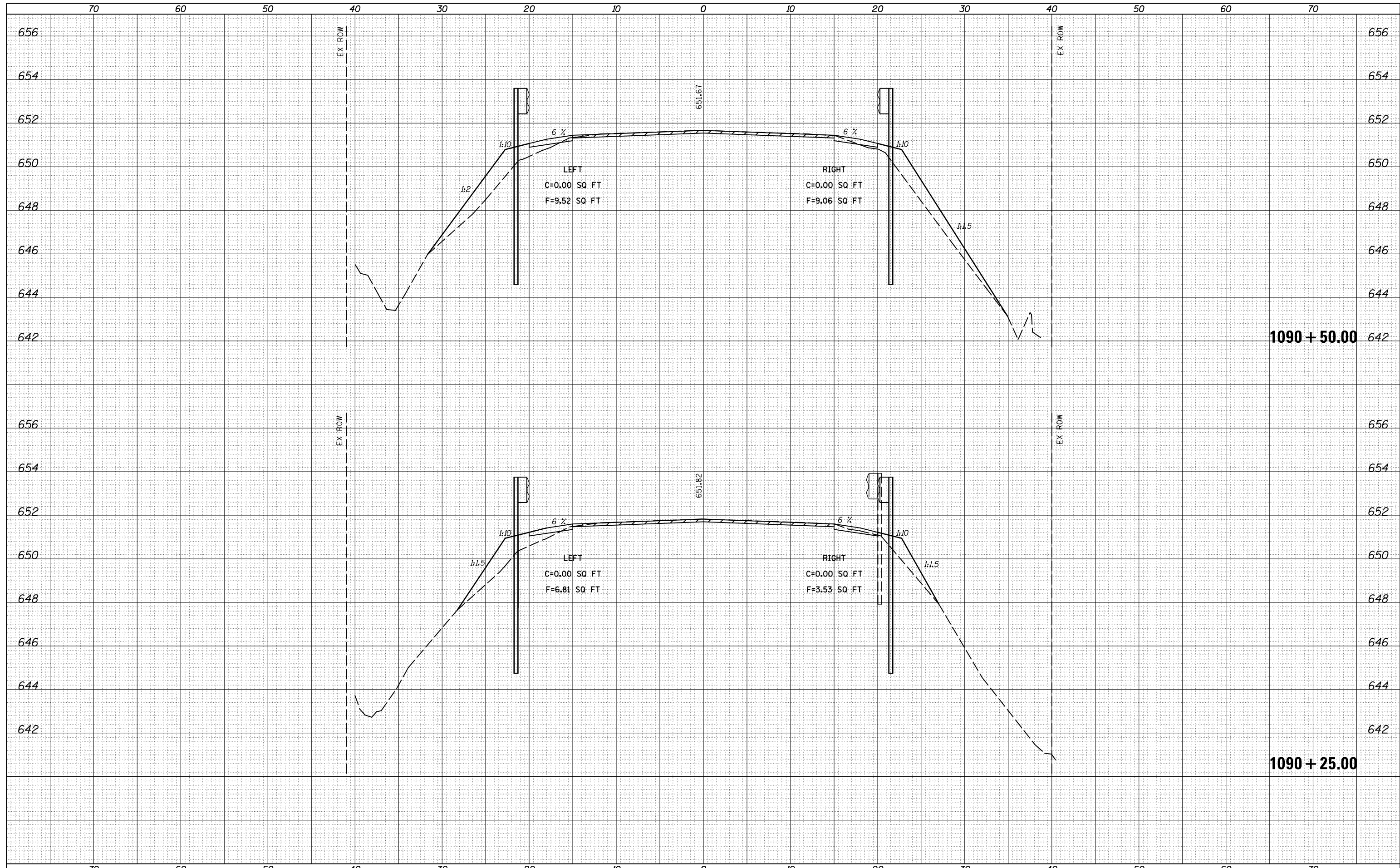
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NOTE BOOK	PLOTTED
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NOTE BOOK	PLOTTED
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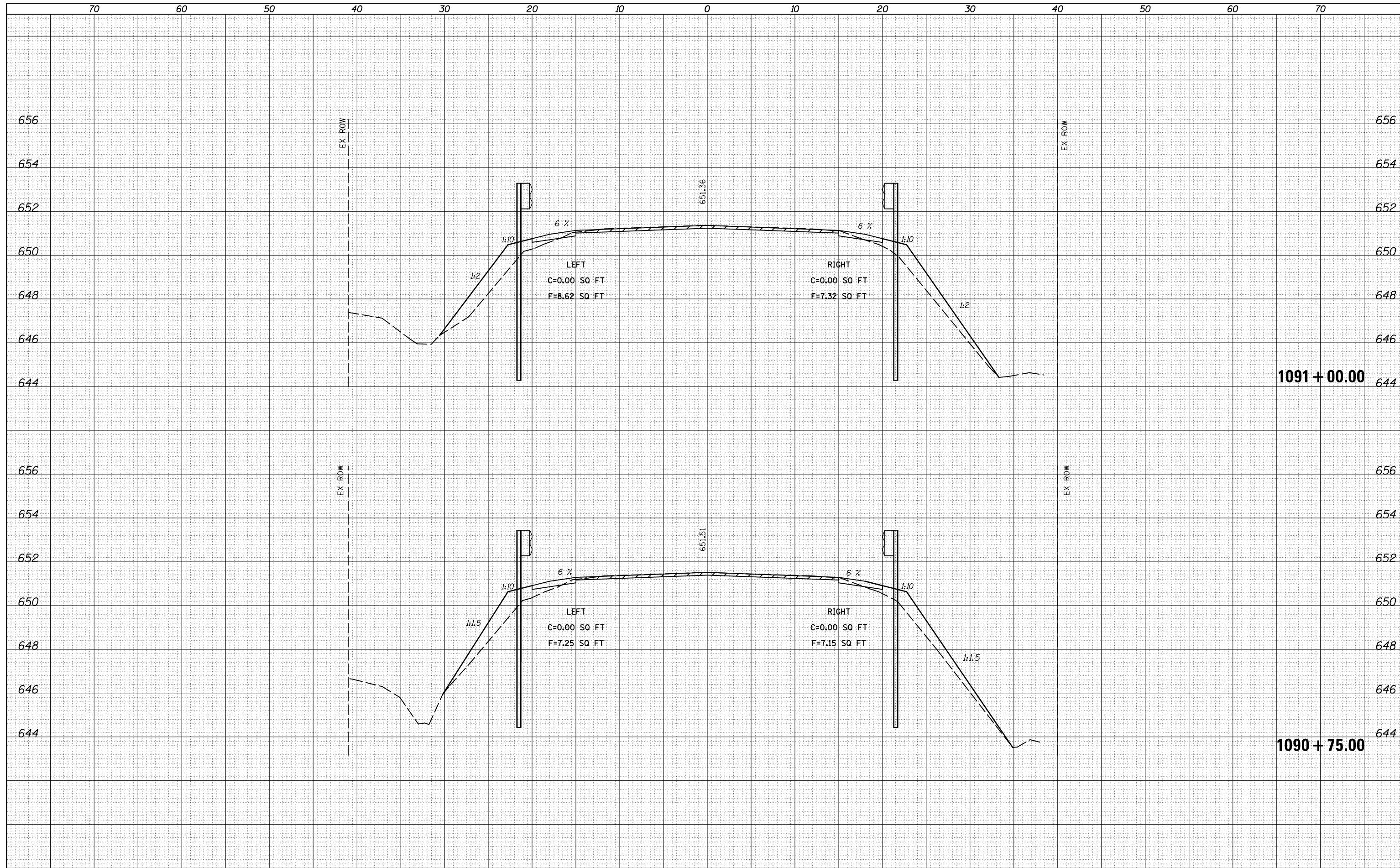
1090 + 50.00

1090 + 25.00

FILE NAME =	USER NAME = piersonbr	DESIGNED -	REVISED -	<p align="center"><b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b></p> <p align="center"><b>CROSS SECTION SHEETS - FAP 322 (US 150/IL 1)</b> <b>BOX CULVERT AT STATION 1090+12.00</b></p> <p>SCALE: SHEET 7 OF 10 SHEETS STA. 1090+25.00 TO STA. 1090+50.00</p>	F.A.P. RTE. 332	SECTION	COUNTY EDGAR	TOTAL SHEETS 171	SHEET NO. 126
PROJECT =	PROJECT =	DRAWN -	REVISED -		•				
PLOT SCALE = 10.0000 / in.		CHECKED -	REVISED -		•				
PLOT DATE = 3/16/2015		DATE -	REVISED -		•				
*MODELNAME*					•(CX-1)RS-3 & (C-X)RS-6(BDR		CONTRACT NO. 70839		ILLINOIS FED. AID PROJECT

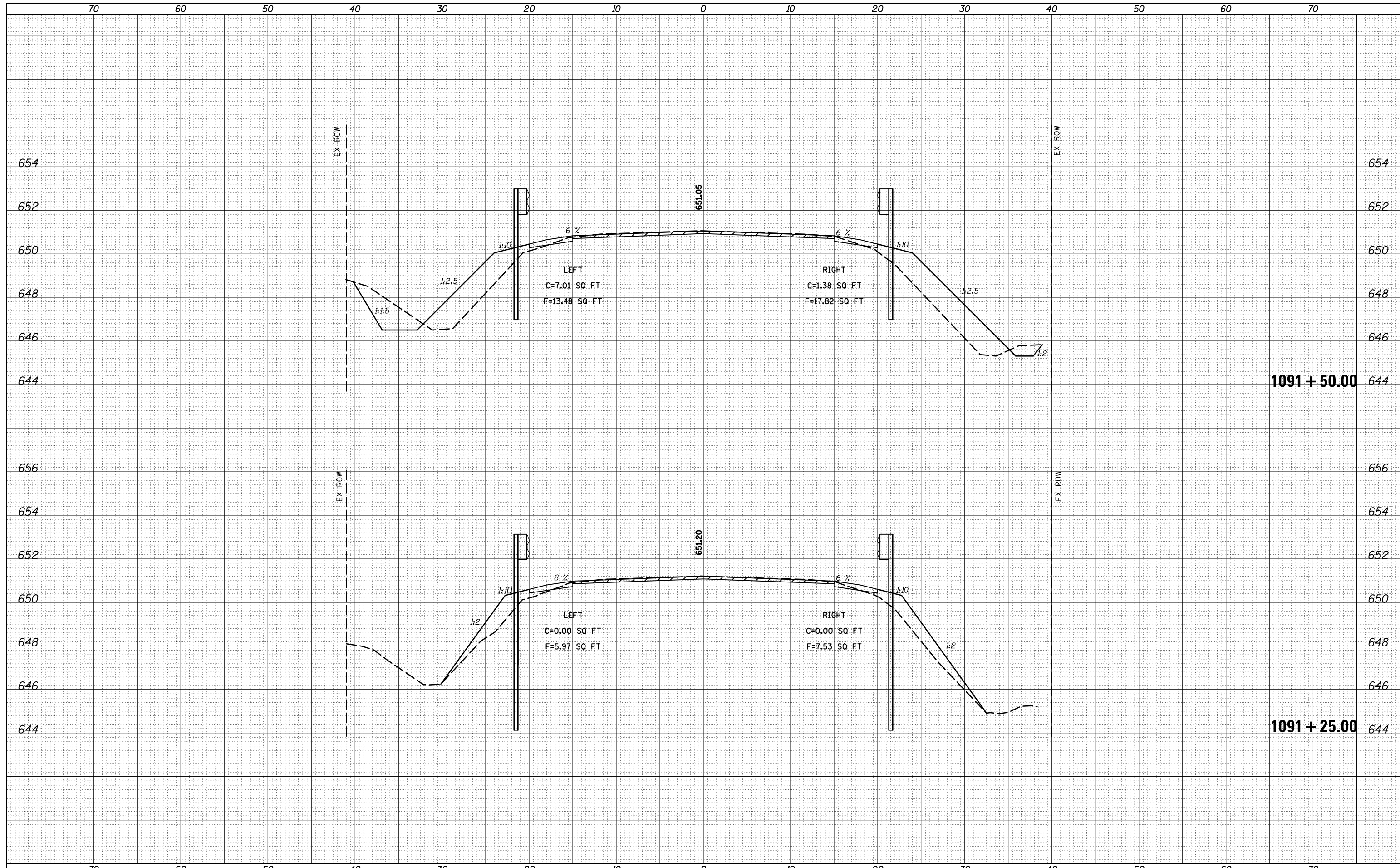
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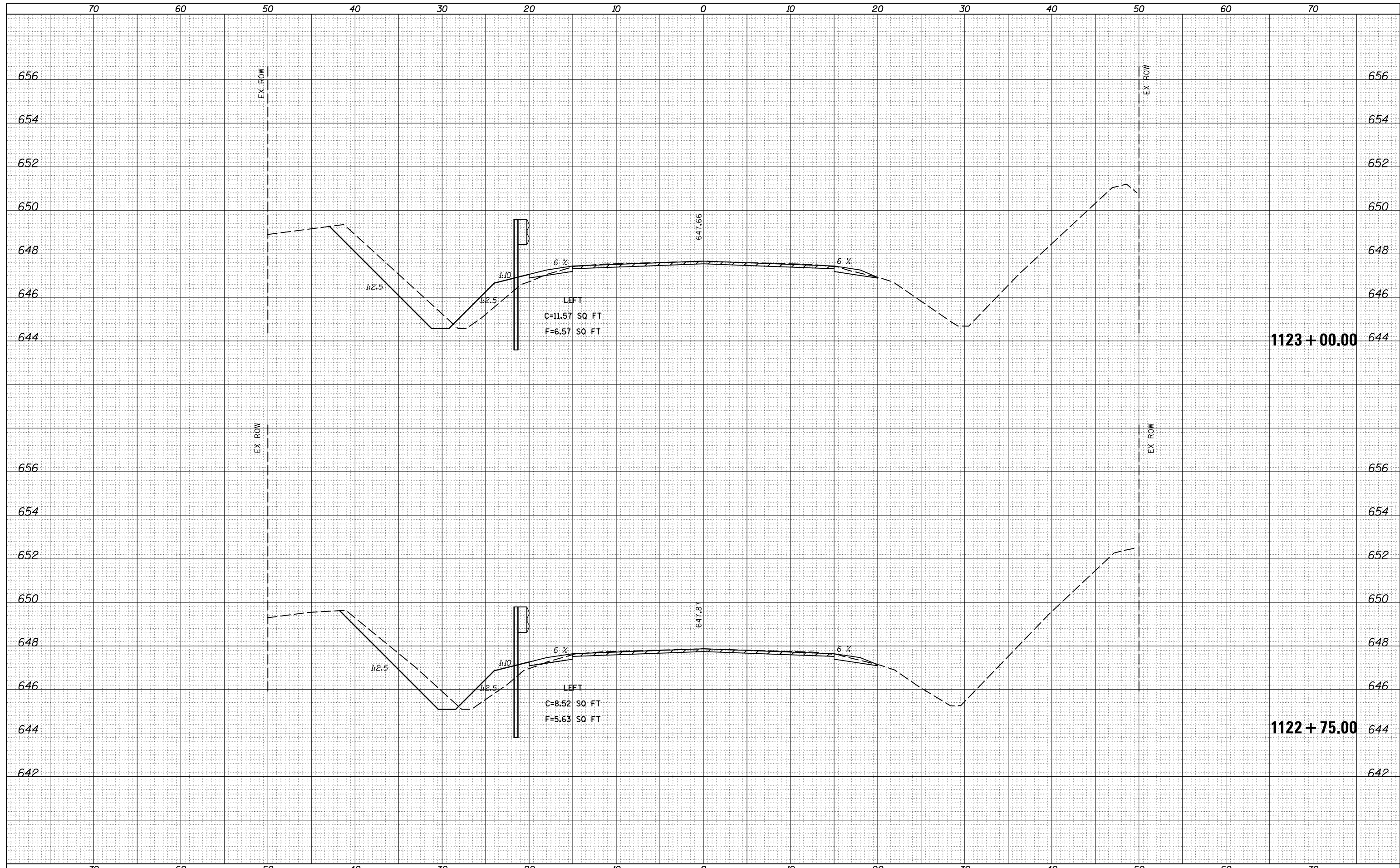
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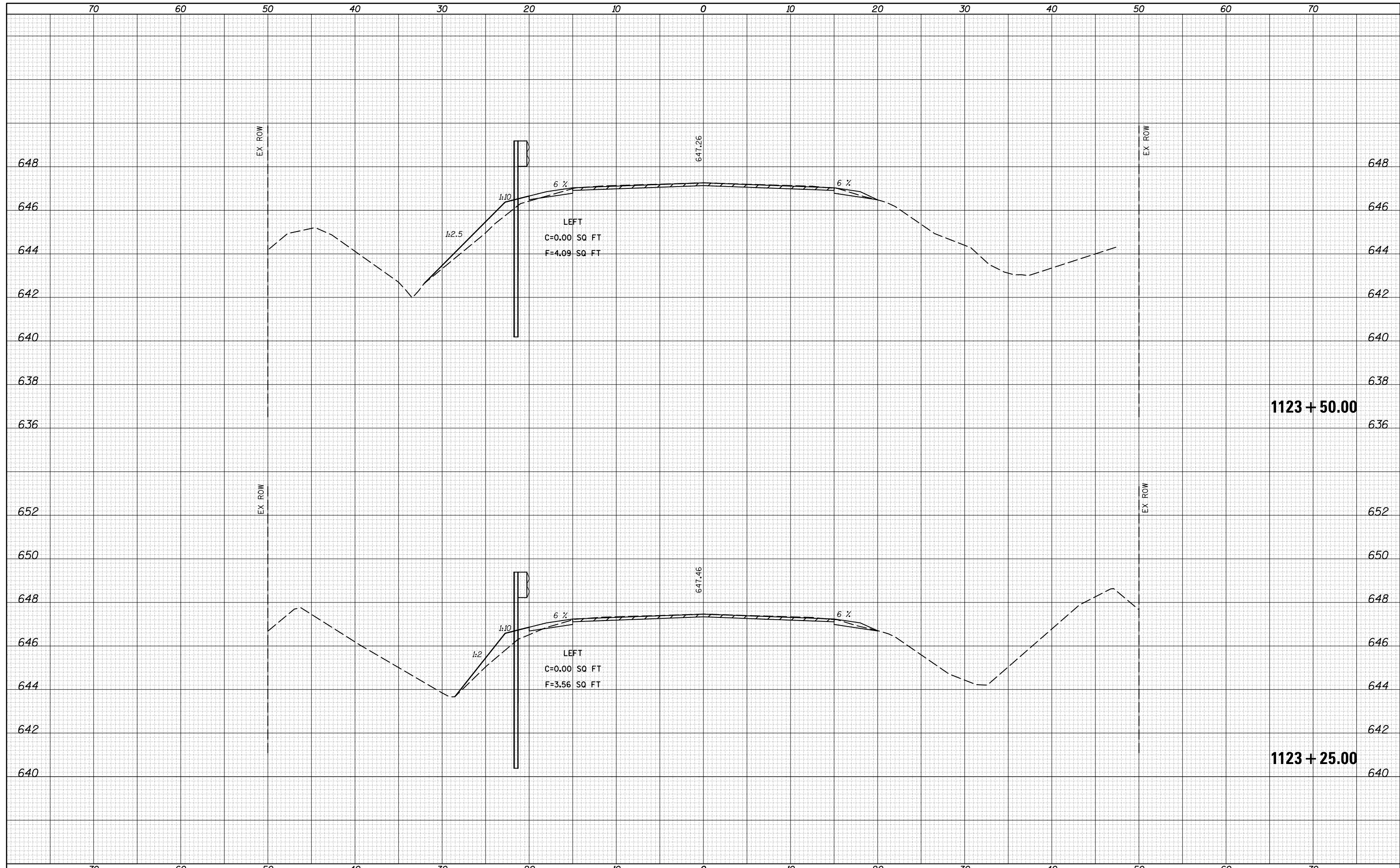
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NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED

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



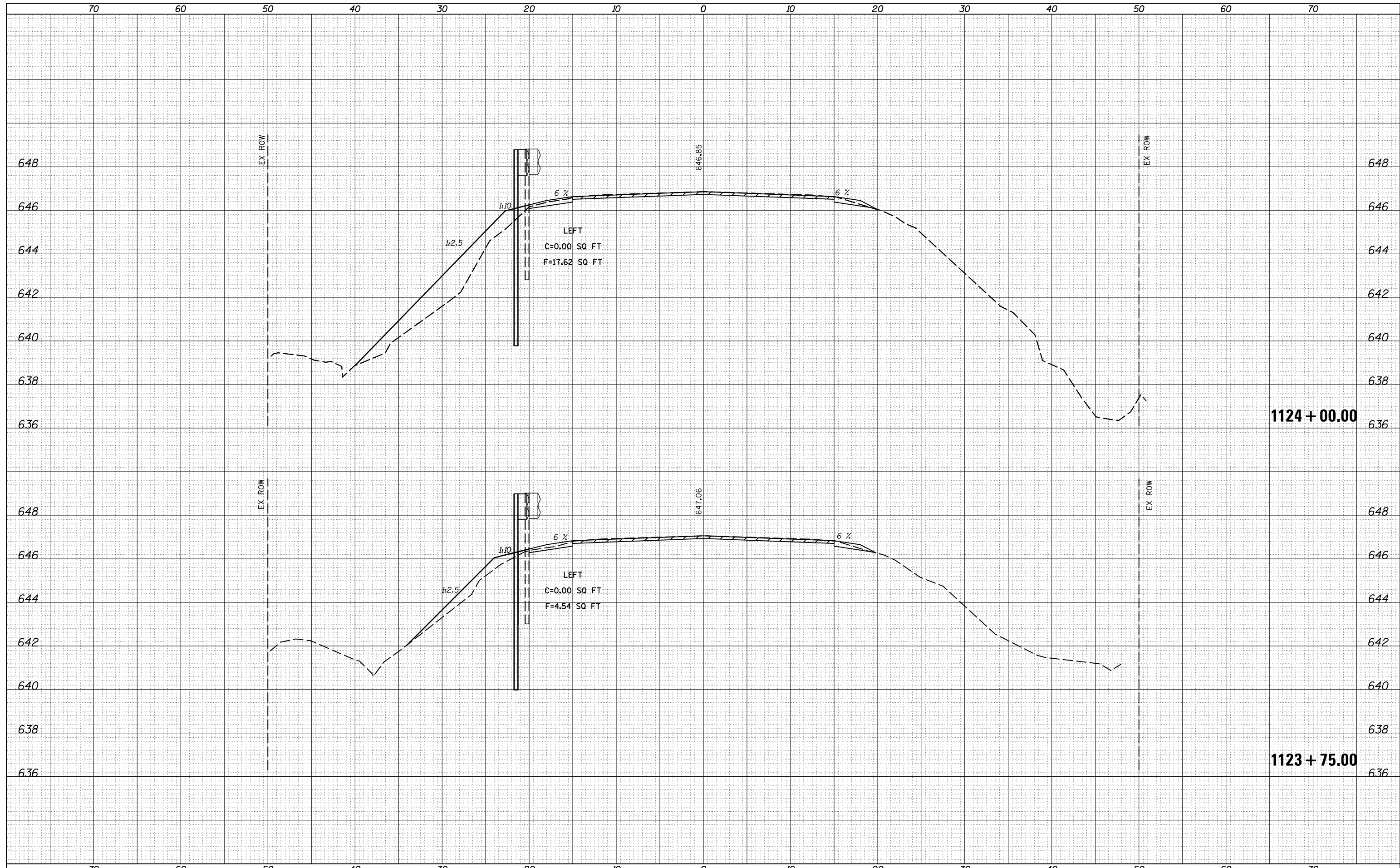
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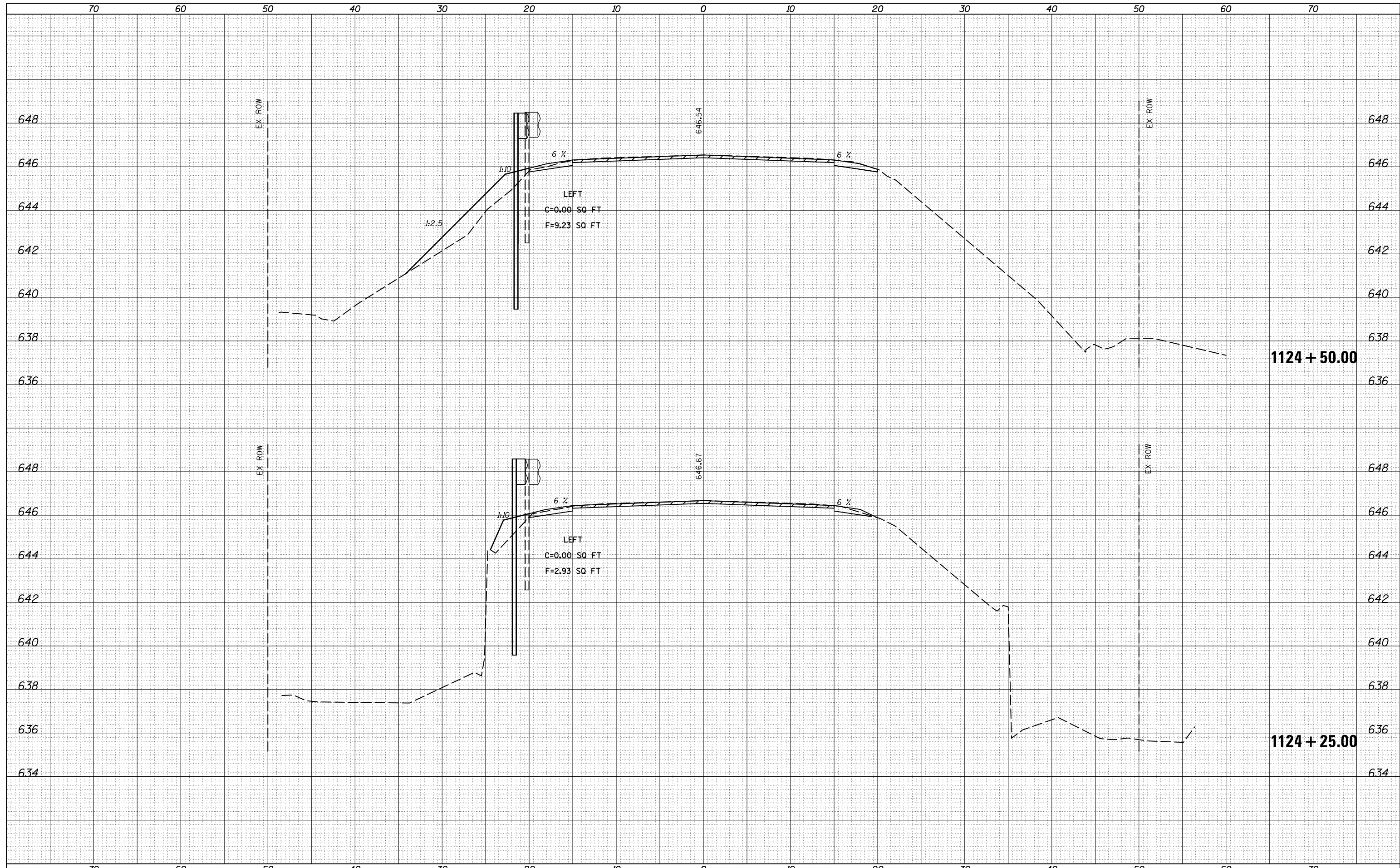
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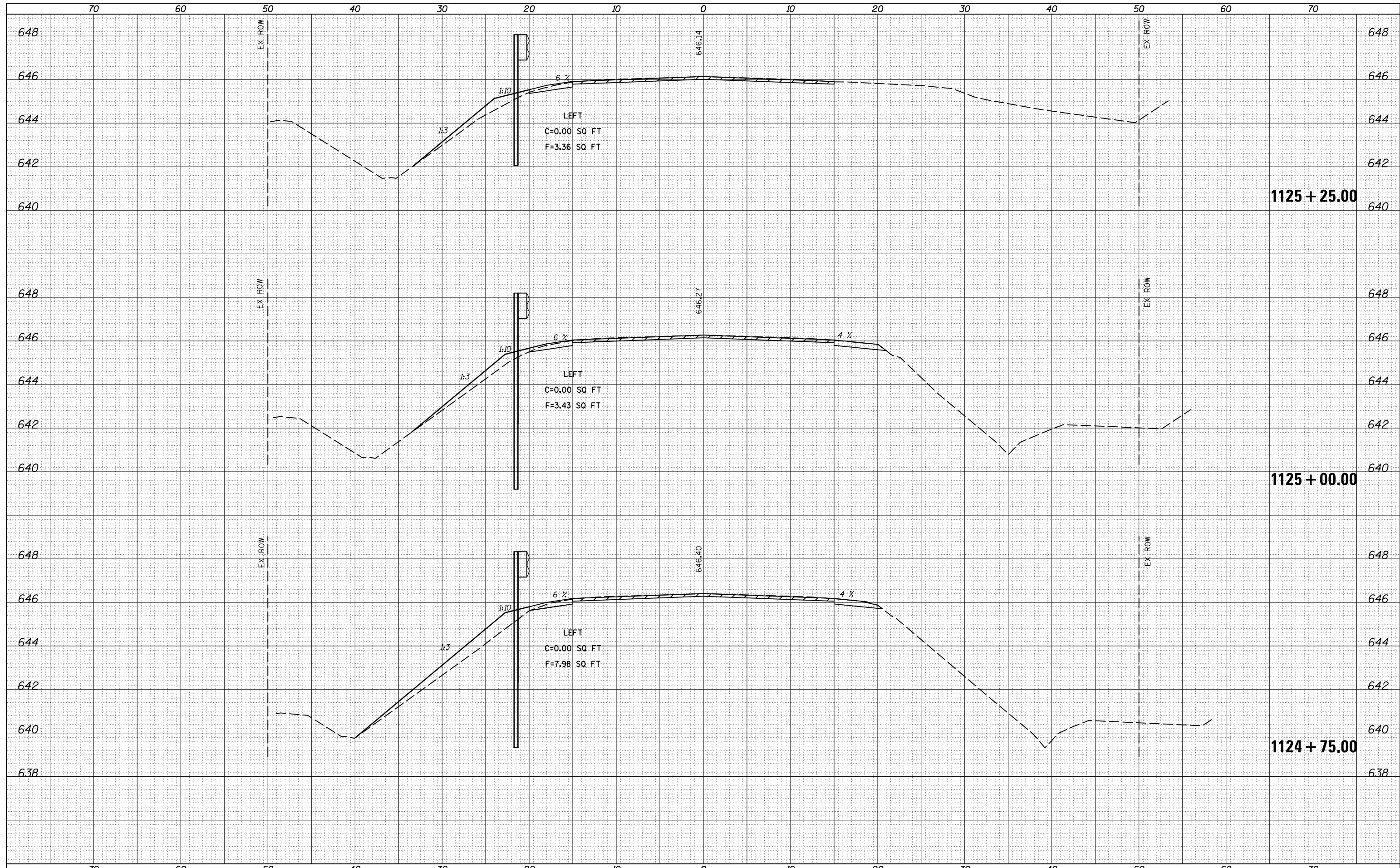
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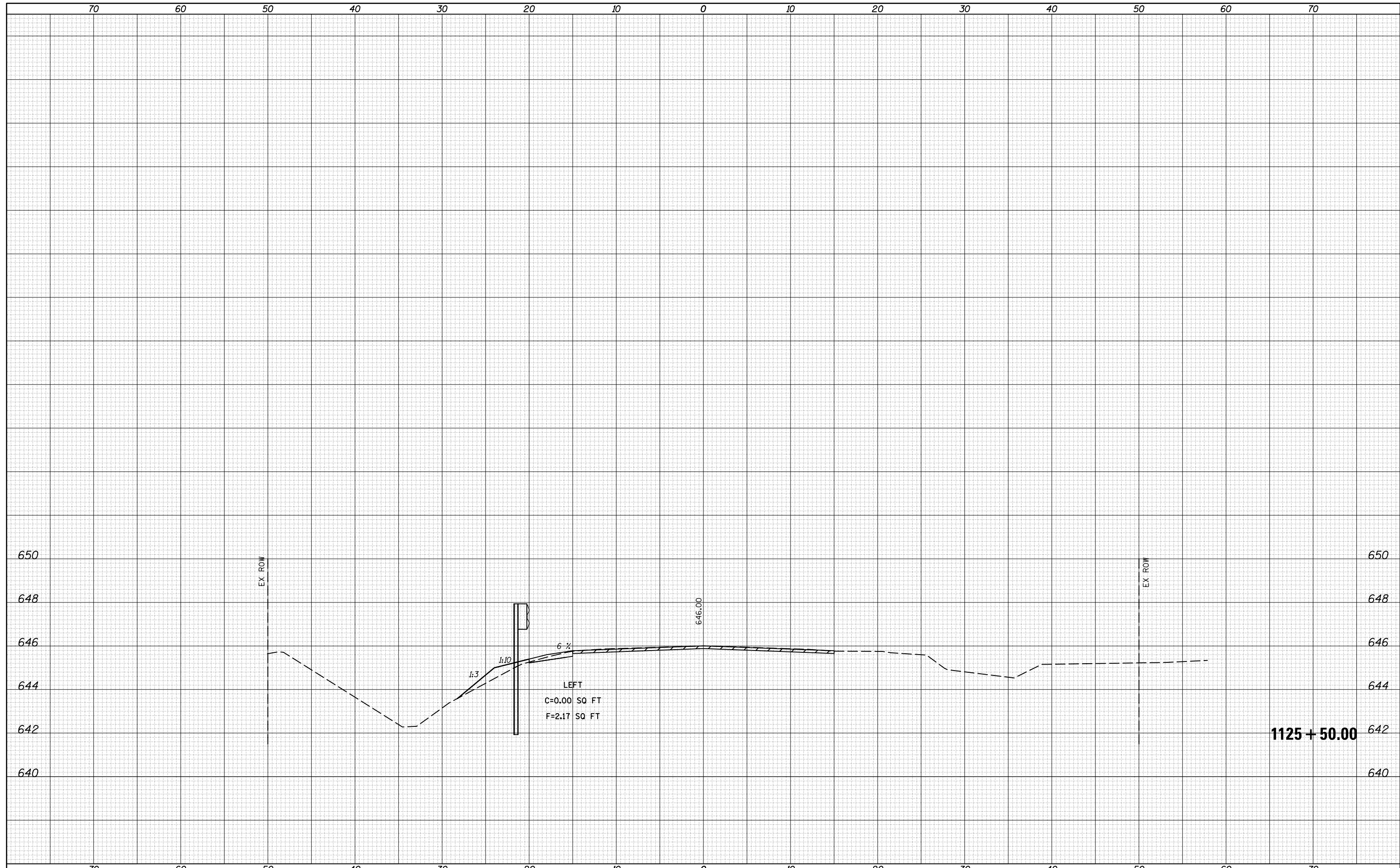
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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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FINAL SURVEY	
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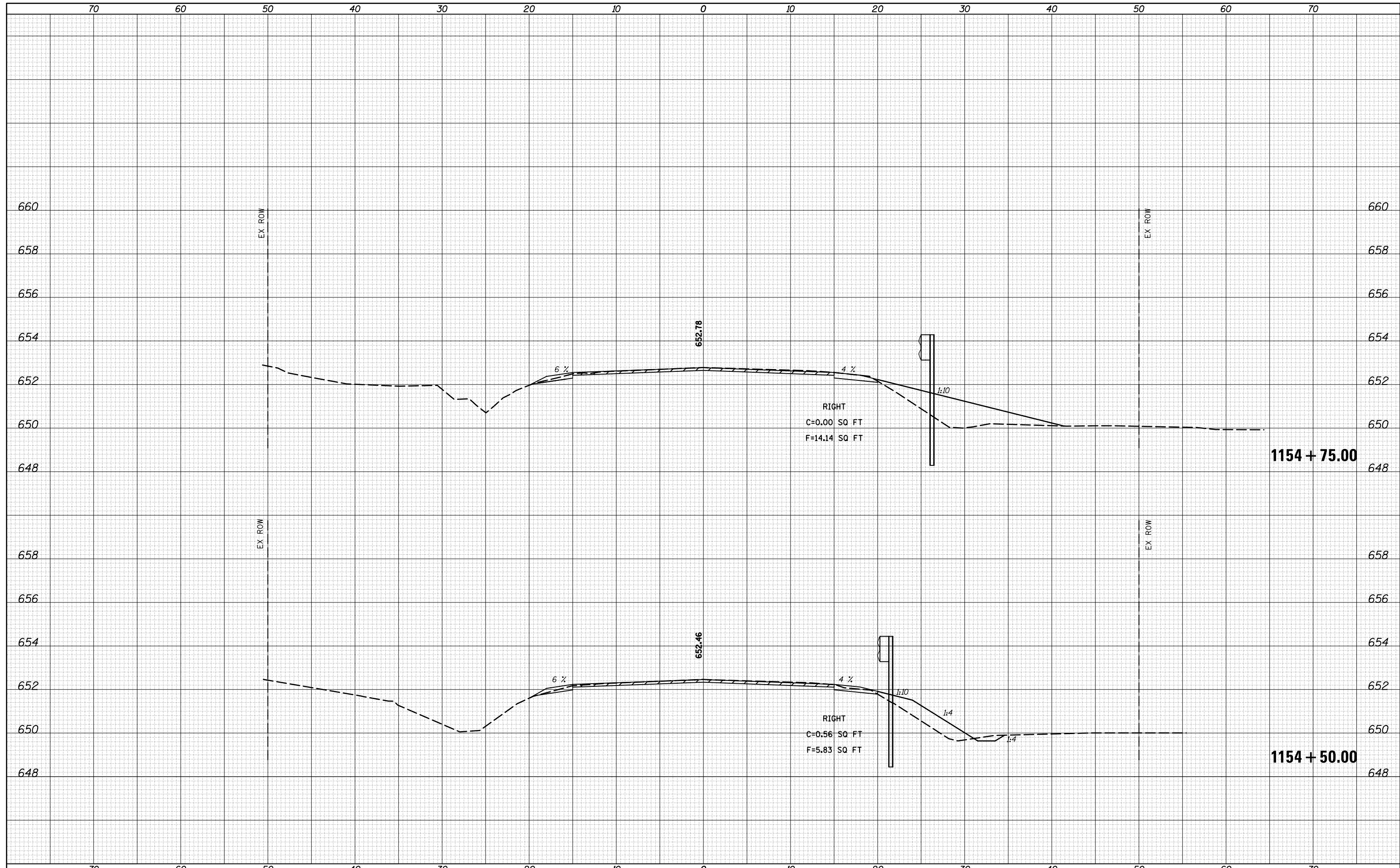


FILE NAME =	USER NAME = piersonbr	DESIGNED -	REVISOR -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTION SHEETS - FAP 322 (US 150/IL 1)</b> <b>BOX CULVERT AT STATION 1124+20.00</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
\\IL084EBIDINTEG.Illinois.gov\PIWIDOT\Documents\IDOT Offices\District 5\Projects\0570839\CADD\Design\Cross Sections\0570839-sht-135-REVISED.dgn	DRAWN	REVISOR	SCALE: 10.0000' / in.			332	•	EDGAR	171	135
\$MODELNAME\$	DATE: 3/16/2015	DATE	SCALE: 10.0000' / in.			•(CX-1)RS-3 & (C-X)RS-6)BDR		CONTRACT NO. 70839		ILLINOIS FED. AID PROJECT



DATE	
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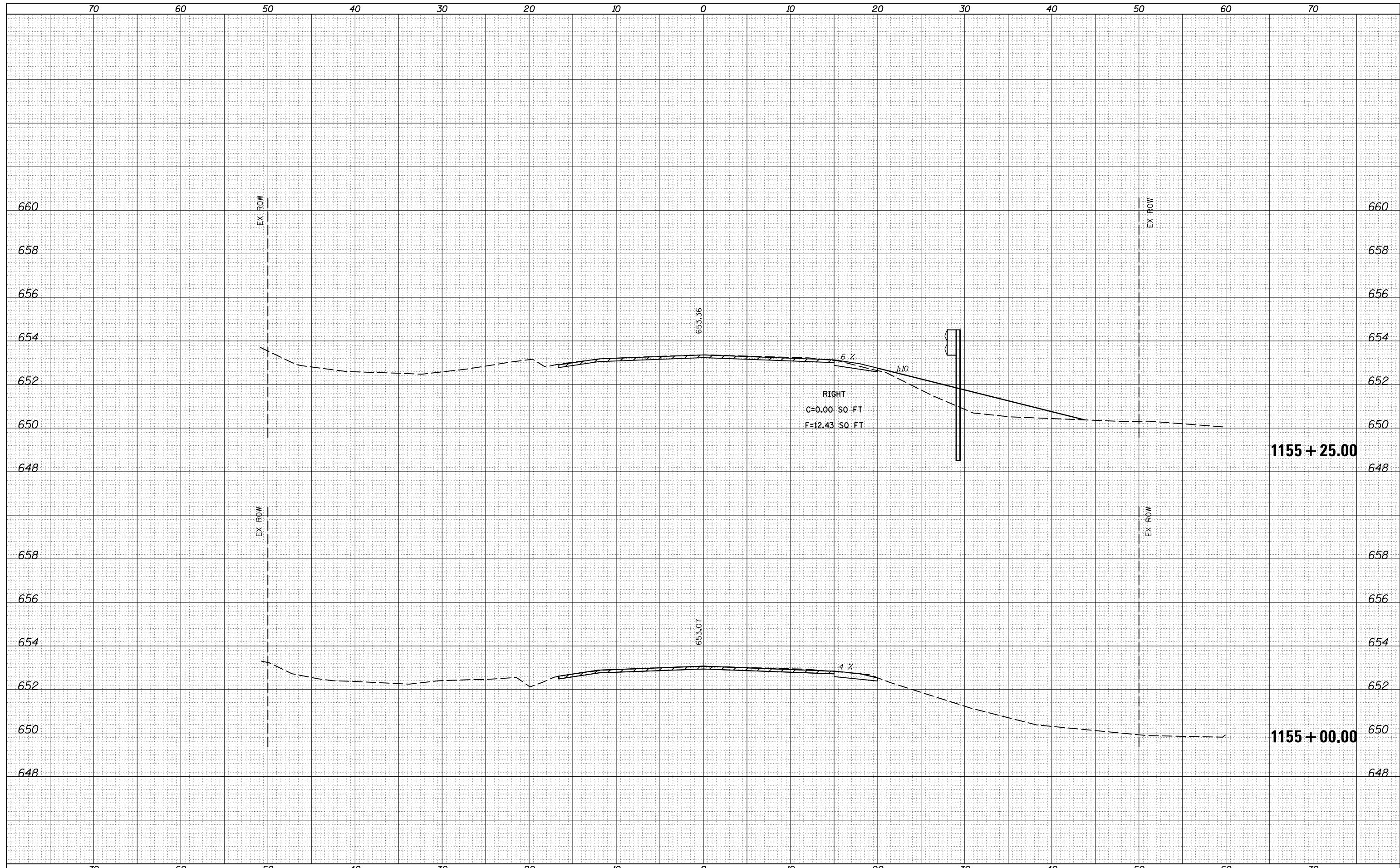
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FILE NAME =	USER NAME = piersonbr	DESIGNED -	REVISOR -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTION SHEETS - FAP 322 (US 150/IL 1) BOX CULVERT AT STATION 1156+00.00</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED -	REVISOR -			332		EDGAR	171	137
*MODELNAME*		DATE -	REVISOR -			•(C-X)-1RS-3 & (C-X)RS-6JBR		CONTRACT NO. 70839		
PLOT SCALE = 10.0000' / in. PLOT DATE = 3/16/2015					SCALE:		SHEET 2 OF 7 SHEETS STA. 1154+50.00 TO STA. 1154+75.00			ILLINOIS FED. AID PROJECT

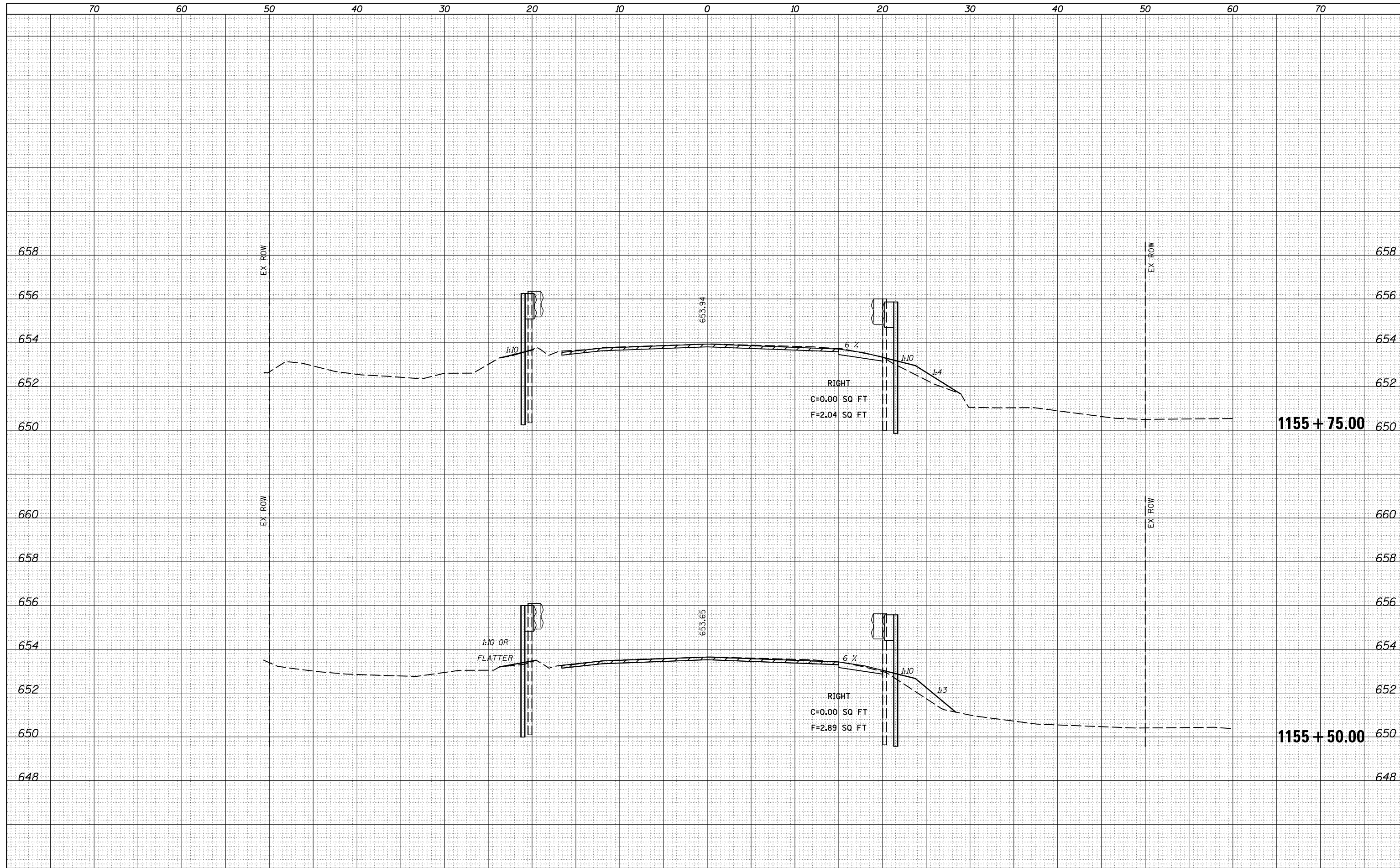
BY	DATE
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

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



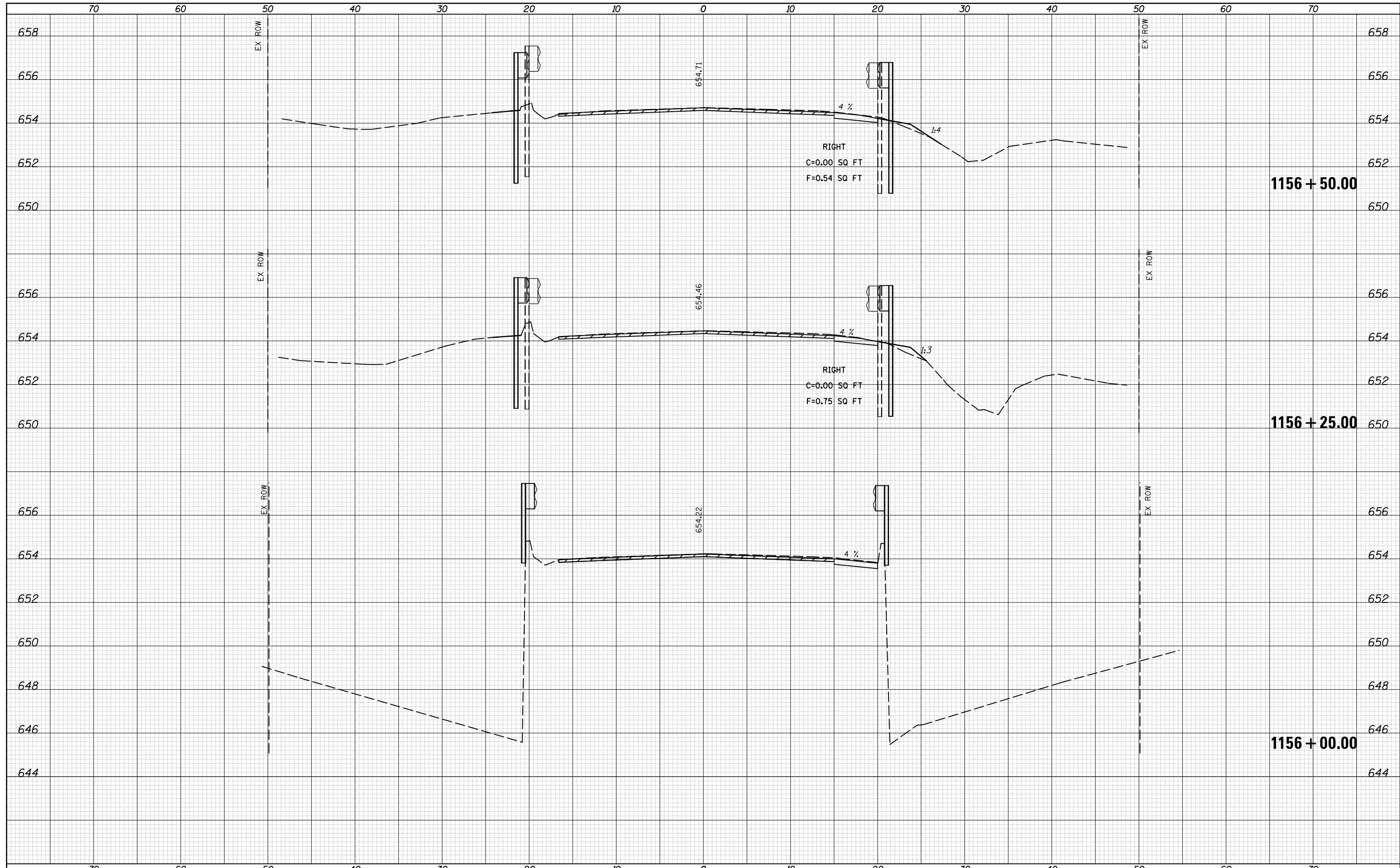
DATE	
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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

DATE	
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ORIGINAL SURVEY	SURVEYED
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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

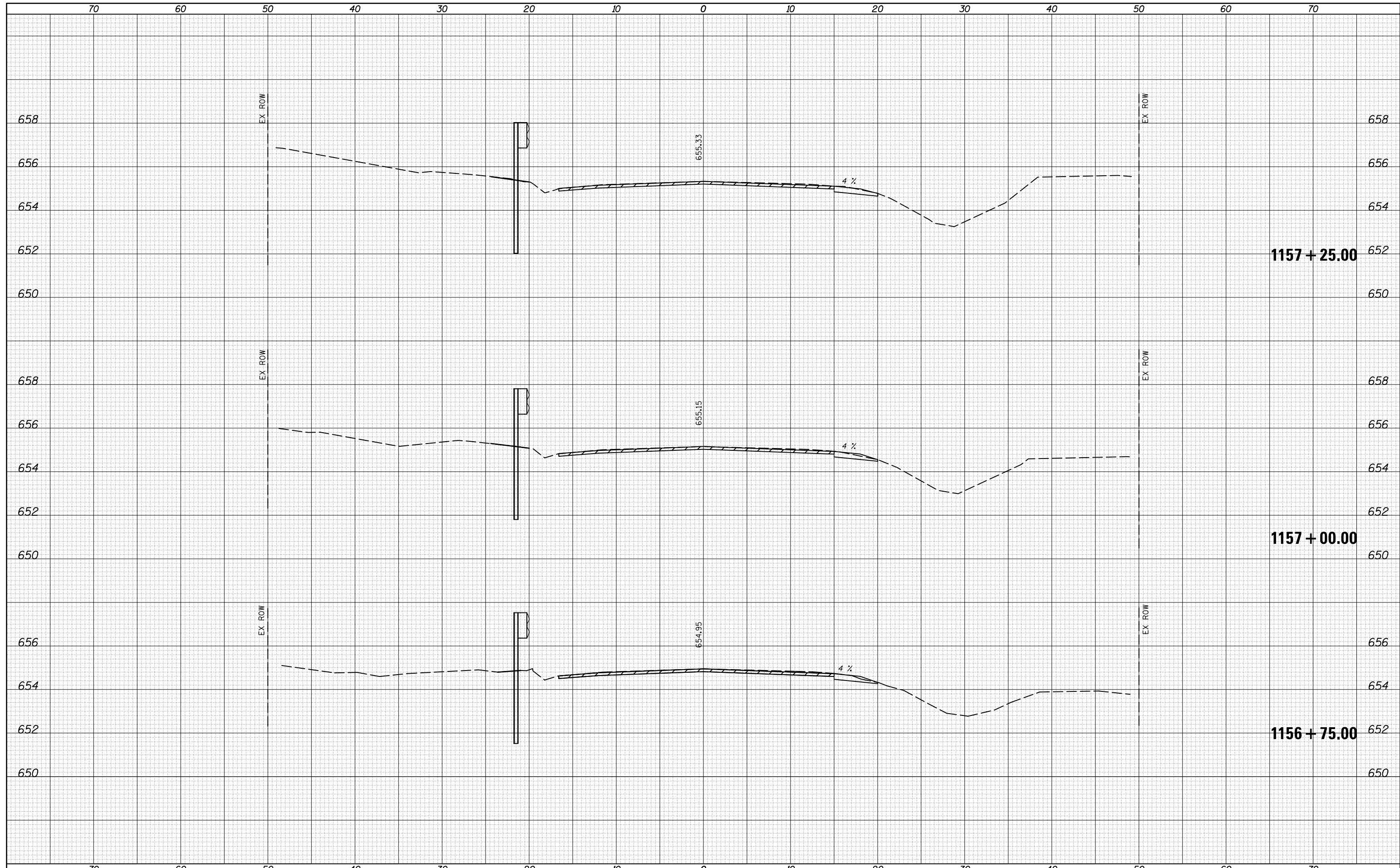
DATE	
BY	
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NOTE BOOK	PLOTTED
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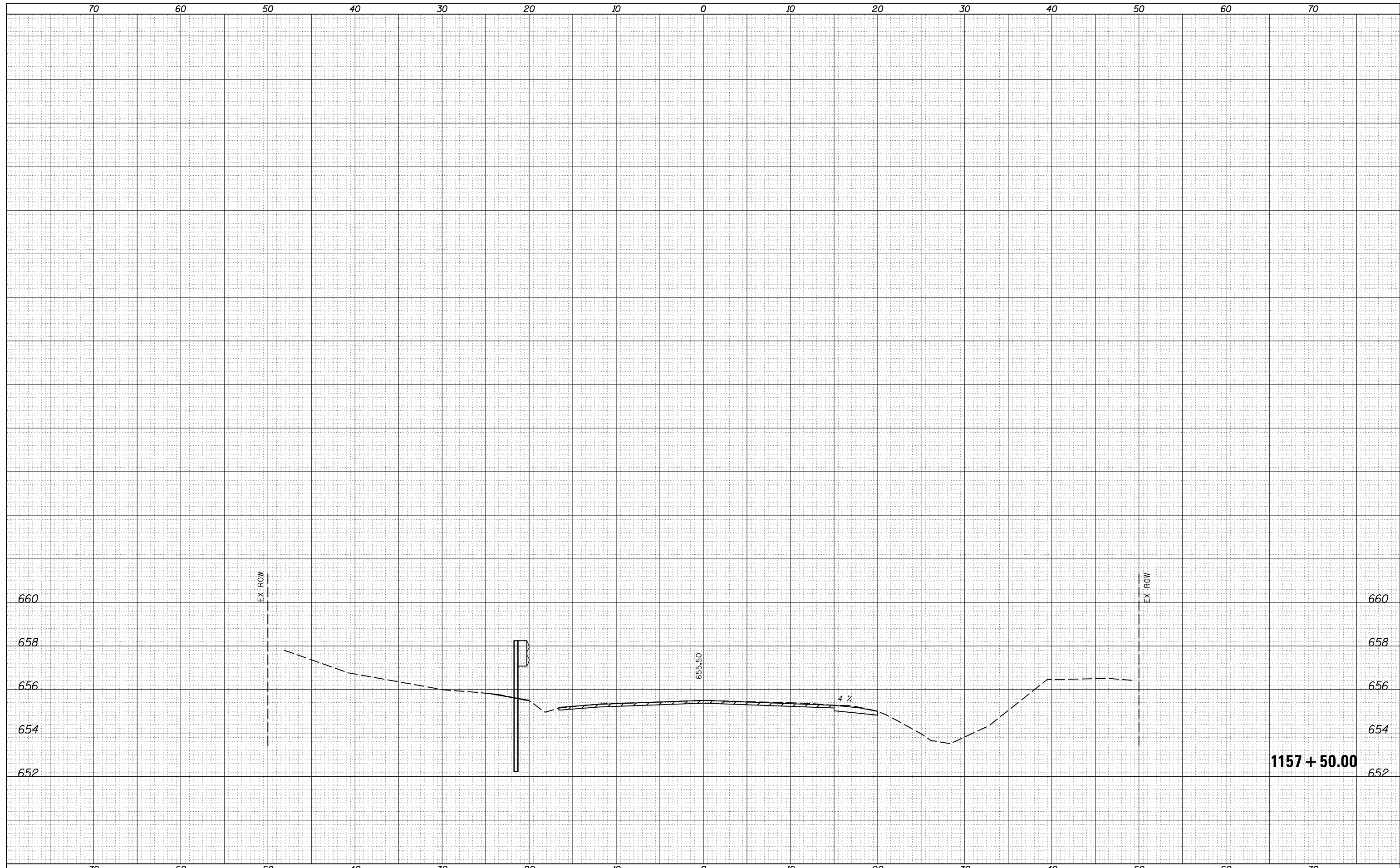
DATE	
BY	
FINAL SURVEY NO.	
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ORIGINAL SURVEY NO.	
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FINAL SURVEY NOTE BOOK NO.	

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ORIGINAL SURVEY NOTE BOOK NO.	



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USER NAME = piersonbr	DESIGNED -	REVISED -
DRAWN	CHECKED -	REVISED -
PLOT SCALE = 10.0000' / in.	DATE -	REVISED -
PLOT DATE = 3/16/2015		

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

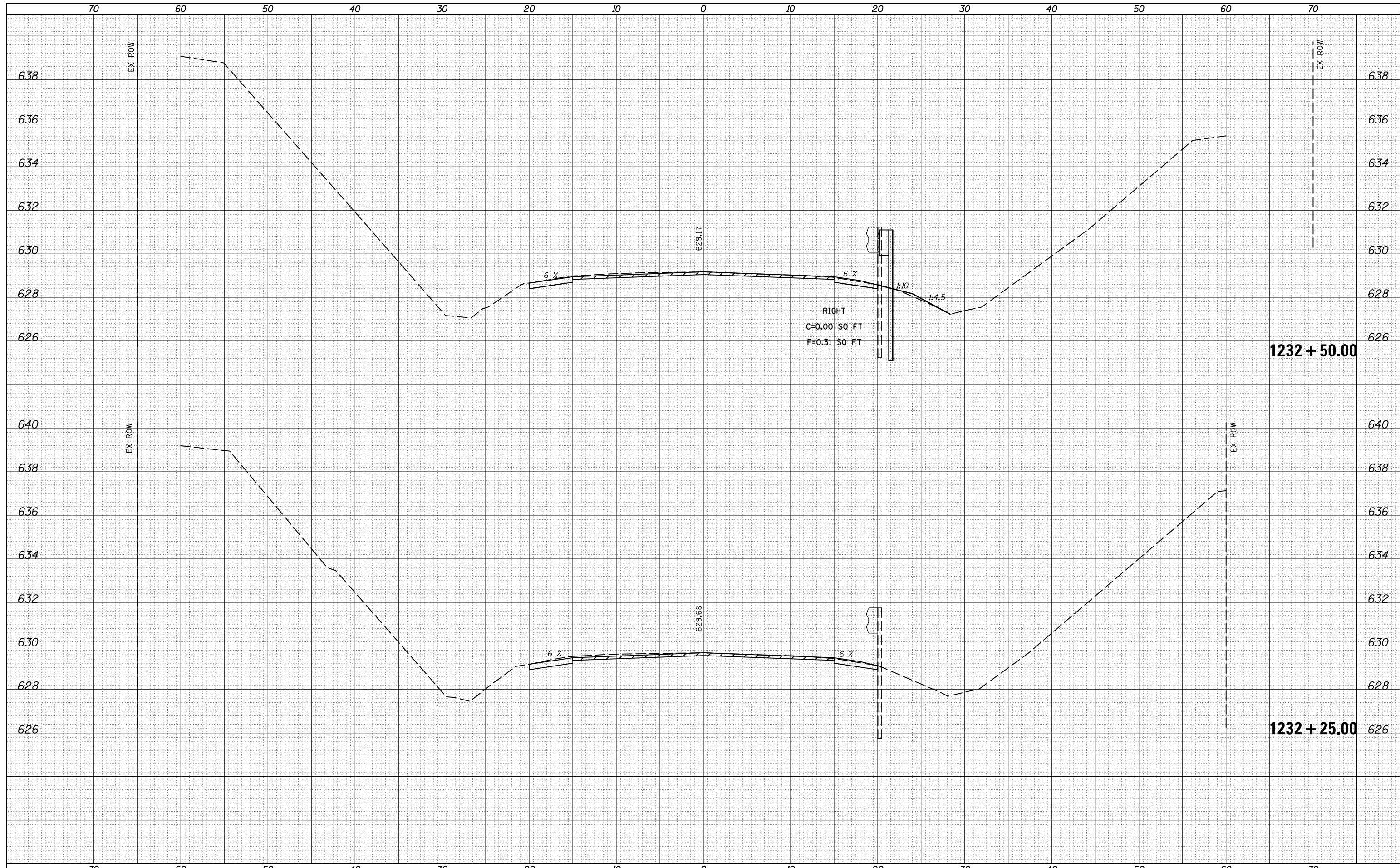
**CROSS SECTION SHEETS - FAP 322 (US 150/IL 1)**  
**BOX CULVERT AT STATION 1156+00.00**

SCALE: SHEET 7 OF 7 SHEETS STA. 1157+50.00 TO STA. 1157+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332		EDGAR	171	142
•(CX-1)RS-3 & (C-X)RS-6JBDR			CONTRACT NO. 70839	
ILLINOIS FED. AID PROJECT				

DATE	
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 \*MODELNAME\*

USER NAME = piersonbr	DESIGNED -	REVISOR -
PILOT SCALE = 10.0000' / in.	CHECKED -	REVISOR -
PILOT DATE = 3/16/2015	DATE -	REVISOR -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

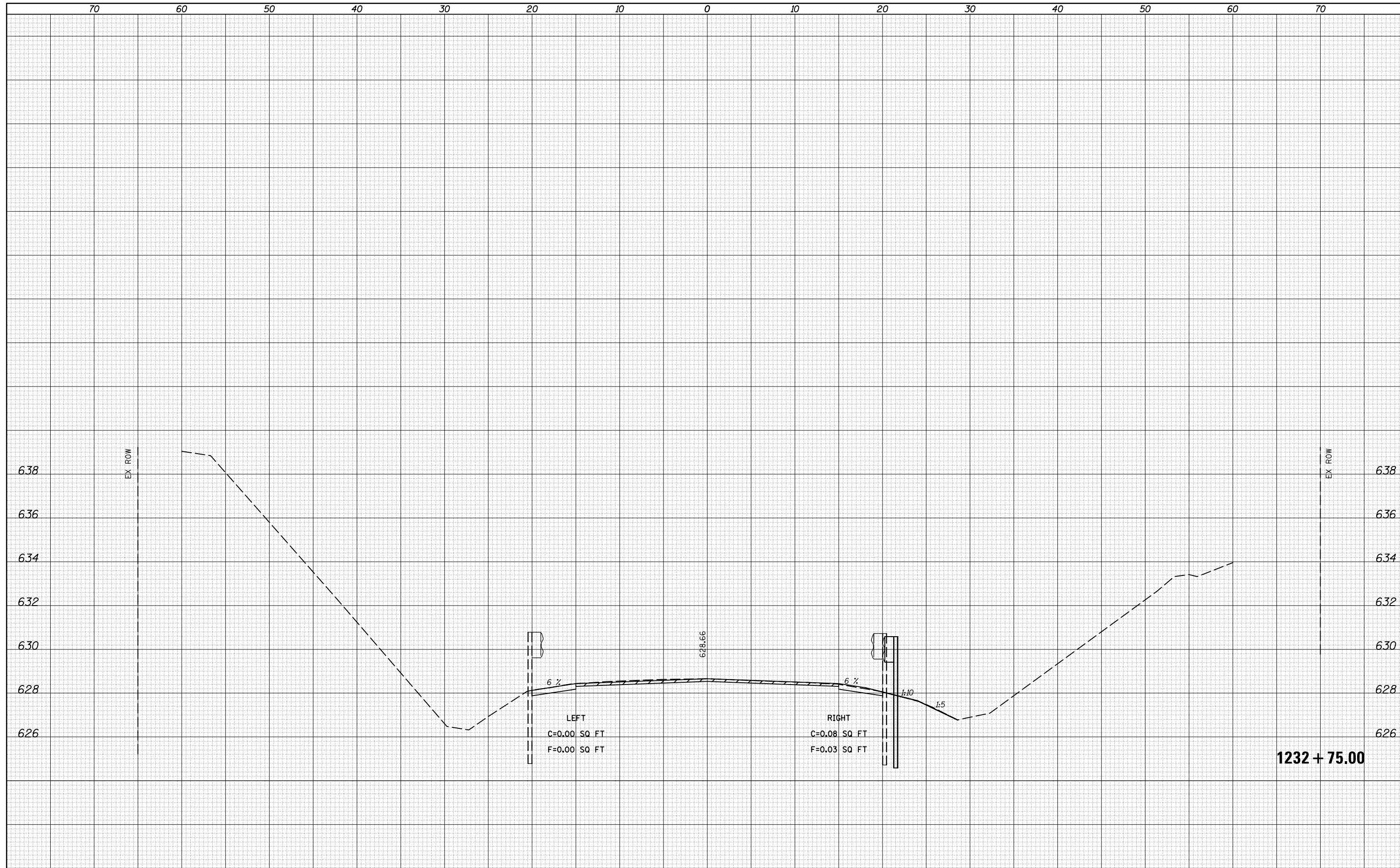
**CROSS SECTION SHEETS - FAP 322 (US 150/IL 1)**  
**S.N. 023-0005 AT STATION 1234 + 89.50**

SCALE: SHEET 1 OF 19 SHEETS STA. 1232+25.00 TO STA. 1232+50.00

F.A.P. RTE. 332	SECTION *	COUNTY EDGAR	TOTAL SHEETS 171	SHEET NO. 143
*[(CX-1)RS-3 & (C-X)RS-6]BDR			CONTRACT NO. 70839	
ILLINOIS FED. AID PROJECT				

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

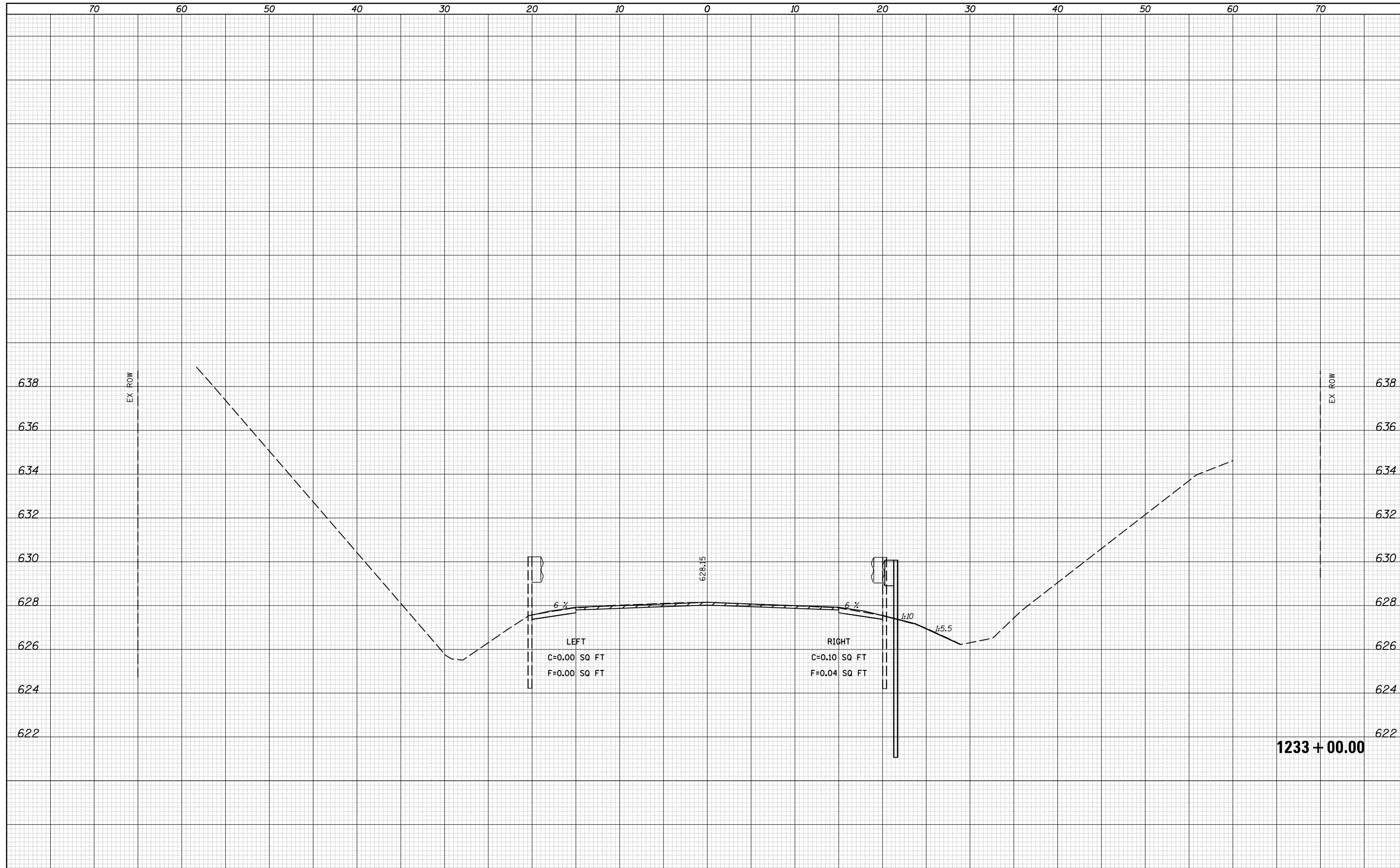
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NOTE BOOK AREAS CHECKED	



FILE NAME =	USER NAME = piersonbr	DESIGNED -	REVISOR -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTION SHEETS - FAP 322 (US 150/IL 1)</b> <b>S.N. 023-0005 AT STATION 1234 + 89.50</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332		EDGAR	171			144				
*[(CX-1)RS-3 & (C-X)RS-6]BDR		CONTRACT NO. 70839								
SCALE:	SHEET 2 OF 19 SHEETS	STA. 1232+75.00 TO STA. 1232+75.00		ILLINOIS FED. AID PROJECT						

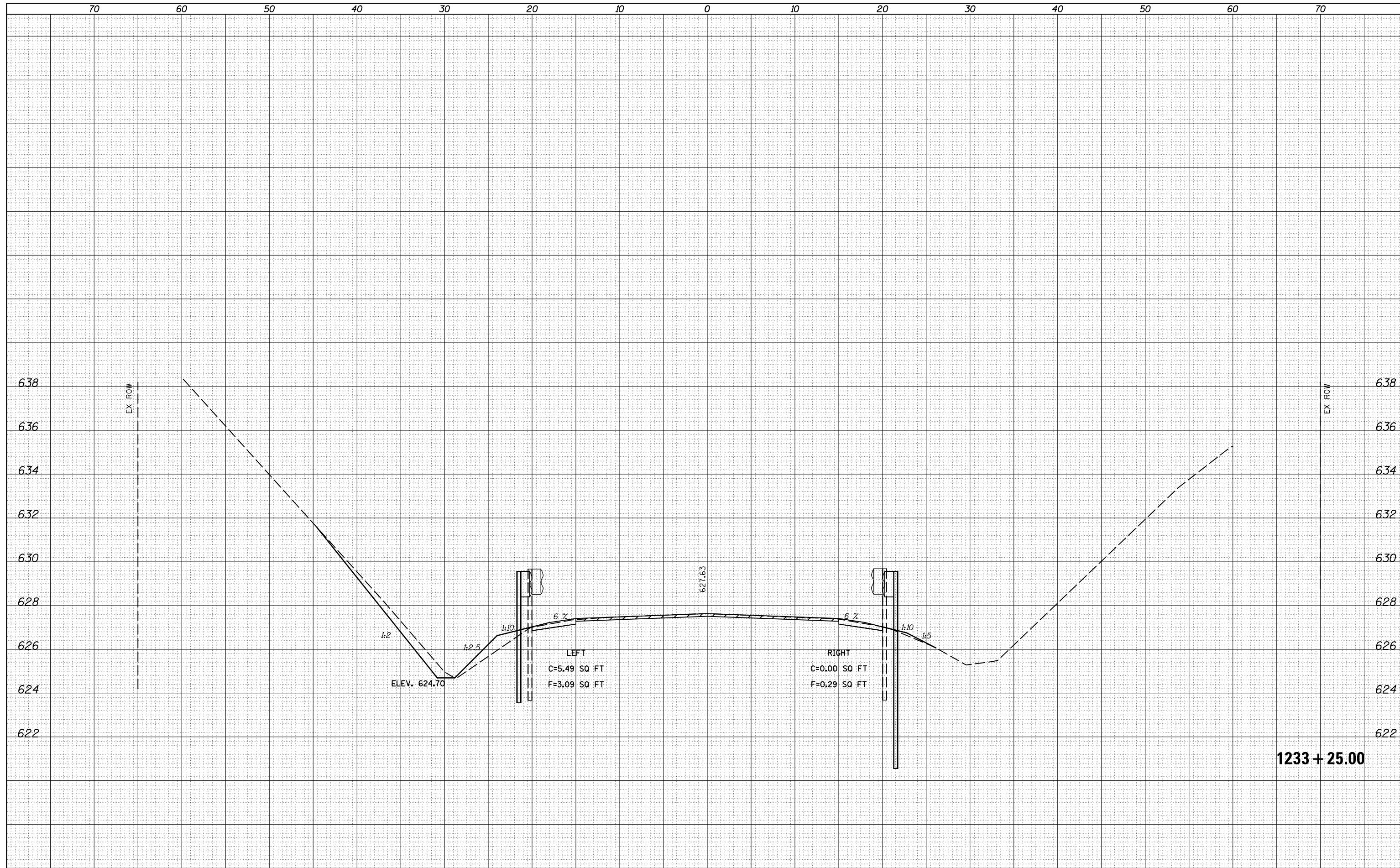
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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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FINAL SURVEY NO.	
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NOTE BOOK AREAS CHECKED	

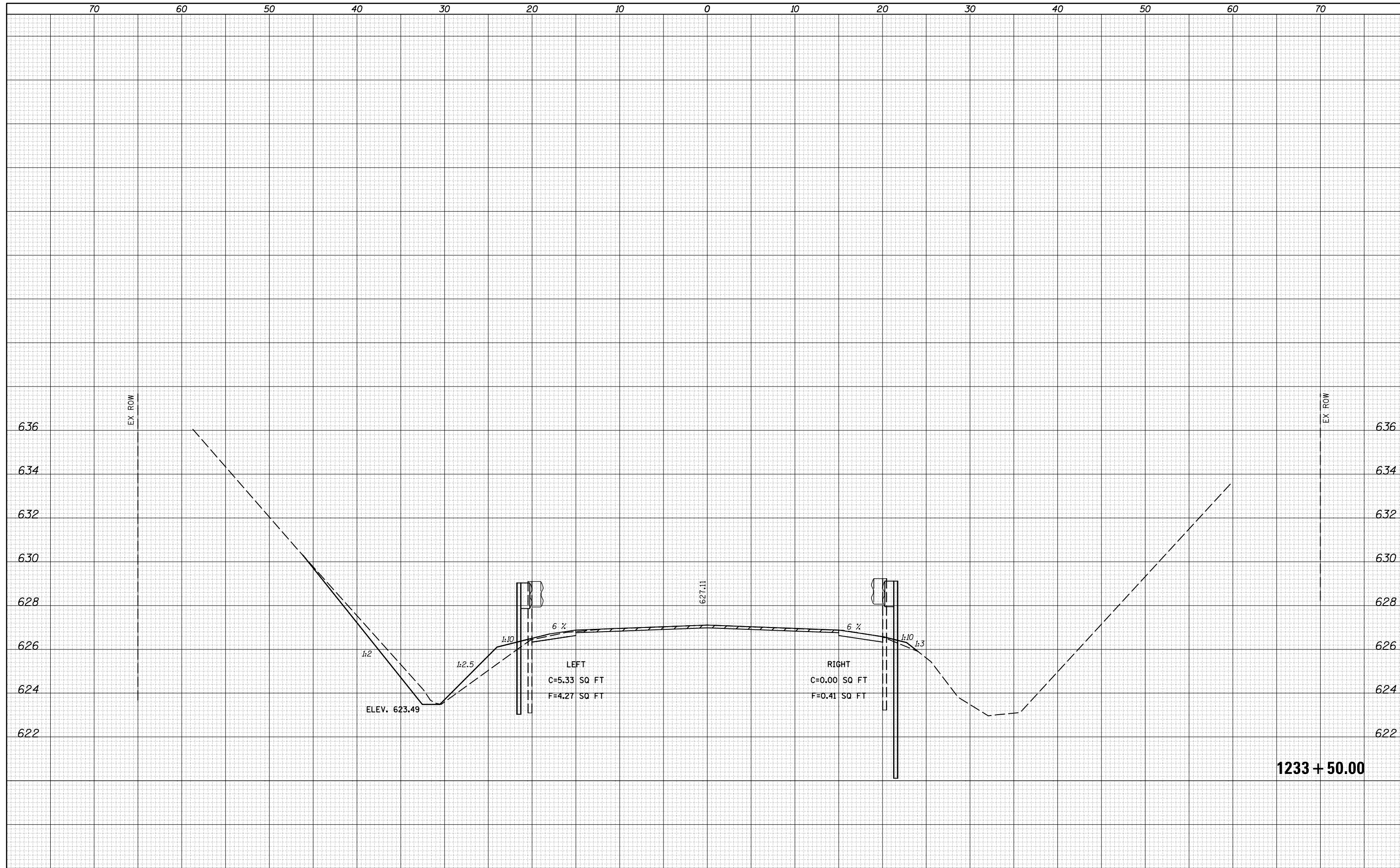
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NOTE BOOK AREAS CHECKED	



FILE NAME =	USER NAME = piersonbr	DESIGNED -	REVISOR -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTION SHEETS - FAP 322 (US 150/IL 1)</b> <b>S.N. 023-0005 AT STATION 1234 + 89.50</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL084EBIDINTEG.Illinois.gov\PIDOT\Documents\IDOT Offices\District 5\Projects\0570839\CD\Design\Cross Sections\0570839-sht-1234.dgn	DESIGNED -	REVISOR -	332			.	EDGAR	171	146	
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISOR -	•[(CX-1)RS-3 & (C-X)RS-6]BDR			CONTRACT NO. 70839				
*MODELNAME*	PLOT DATE = 3/16/2015	DATE -	REVISOR -	SCALE:	SHEET 4 OF 19 SHEETS	STA. 1233+25.00 TO STA. 1233+25.00	ILLINOIS FED. AID PROJECT			

DATE	
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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
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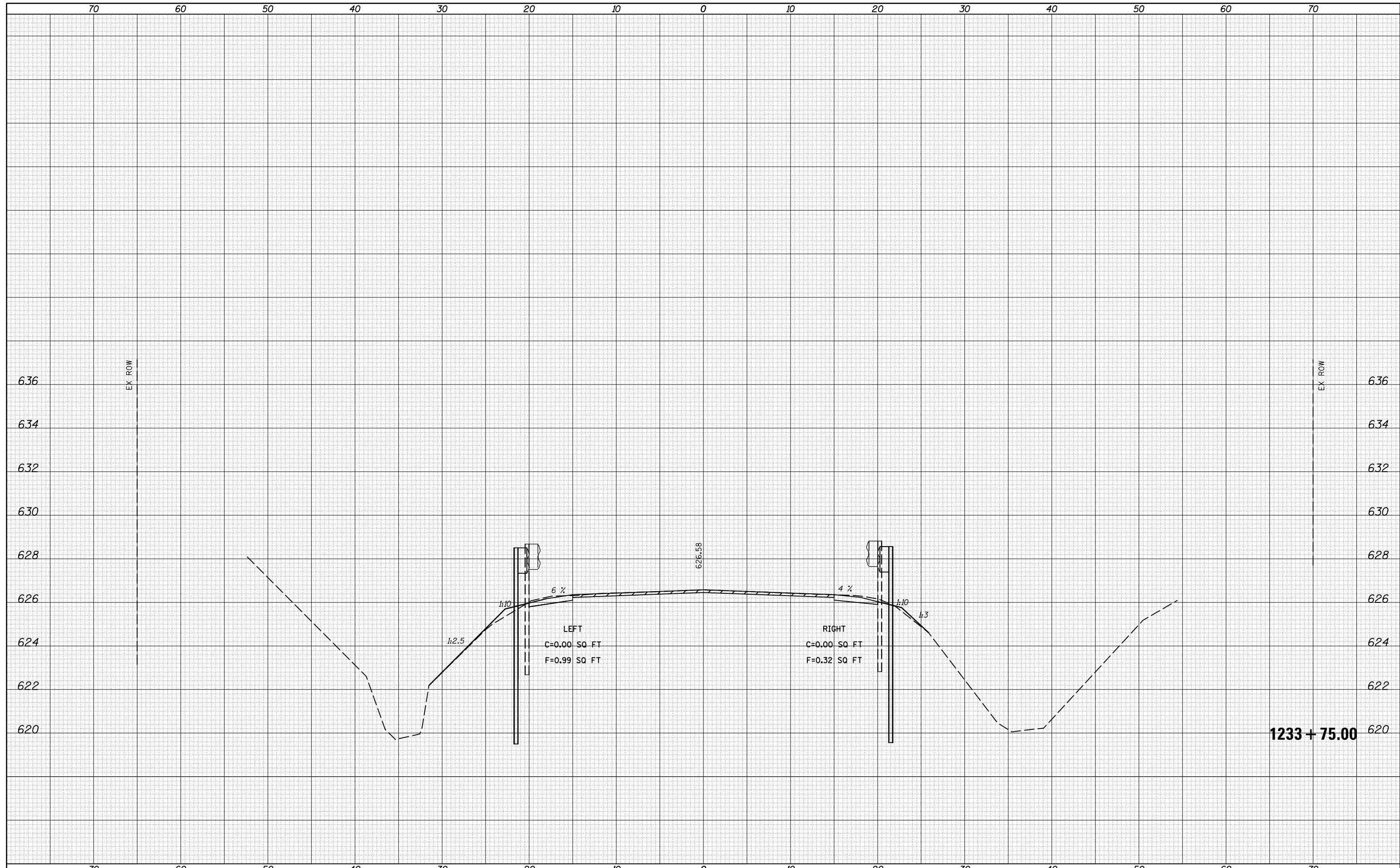
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FILE NAME =	USER NAME = piersonbr	DESIGNED -	REVISOR -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTION SHEETS - FAP 322 (US 150L 1)</b> <b>S.N. 023-0005 AT STATION 1234 + 89.50</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL084EBIDINTEG.Illinois.gov\PIDOT\Documents\IDOT Offices\District 5\Projects\0570839\CD\Design\Cross Sections\0570839-sht-13-REVISED.dgn	DRAWN	CHECKED -	REVISOR -			332	.	EDGAR	171	147
PLOT SCALE = 10.0000 / in.	DATE = 3/16/2015	DATE -	REVISOR -			•(CX-1)RS-3 & (C-X)RS-6)BDR		CONTRACT NO. 70839		ILLINOIS FED. AID PROJECT
*MODELNAME*				SCALE:	SHEET 5 OF 19 SHEETS	STA. 1233+50.00 TO STA. 1233+50.00				

DATE	
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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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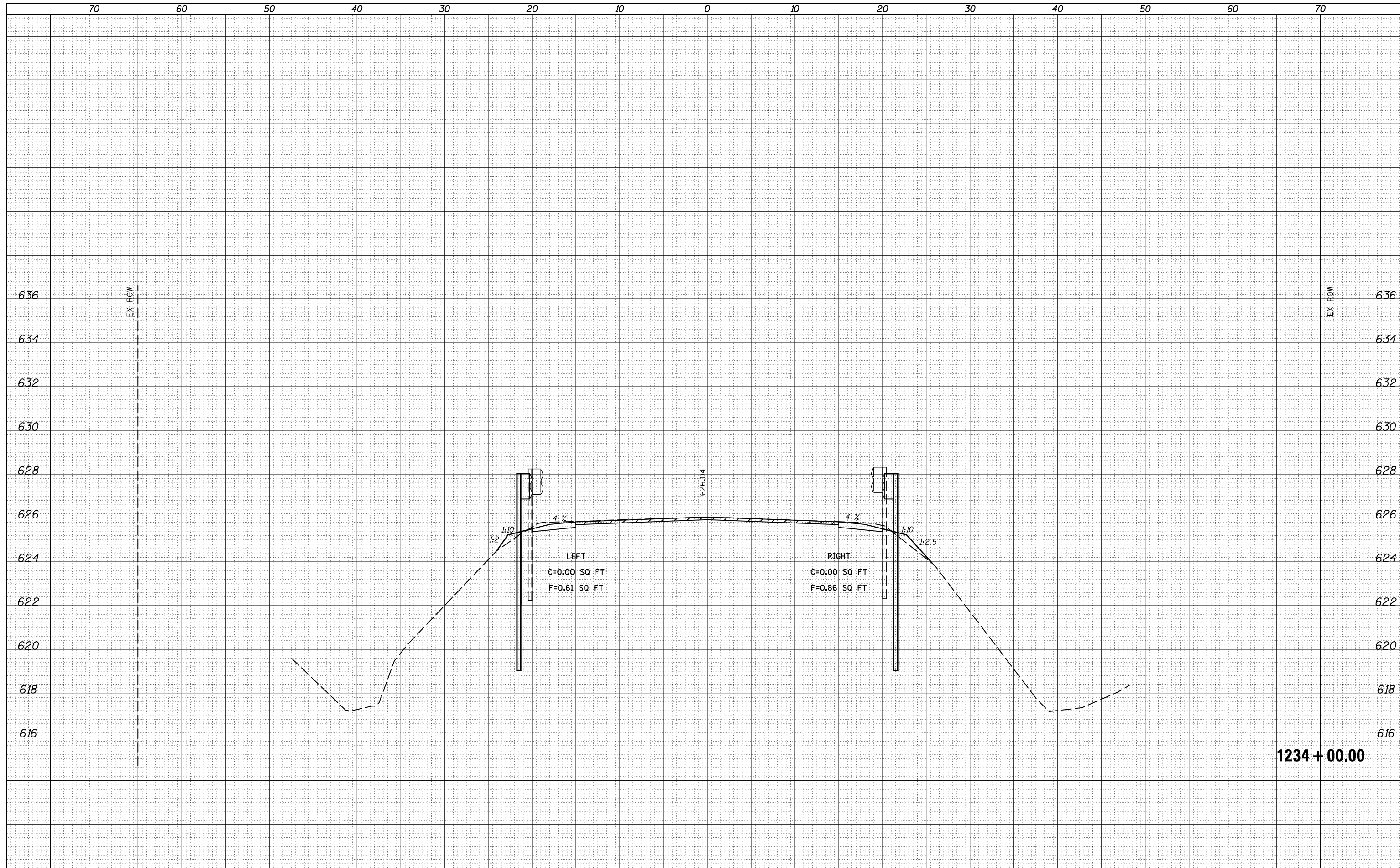


FILE NAME =	USER NAME = piersonbr	DESIGNED -	REVISOR -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTION SHEETS - FAP 322 (US 150/IL 1)</b> <b>S.N. 023-0005 AT STATION 1234 + 89.50</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL084EBIDINTEG\Illinois.gov\PIDOT\Documents\IDOT Offices\District 5\Projects\0570839\CADD\Design\Cross Sections\0570839-sht-1234.dgn	DRAWN	REVISOR	REVISOR					332		EDGAR	171	148
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISOR -	REVISOR -		•(CX-1)RS-3 & (C-X)RS-6)BDR				CONTRACT NO. 70839			
MODELNAME\$	DATE -	REVISOR -	REVISOR -		SCALE:	SHEET 6	OF 19 SHEETS	STA. 1233+75.00	TO STA. 1233+75.00	ILLINOIS FED. AID PROJECT		



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

DATE	
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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USER NAME = piersonbr  
 DESIGNED -  
 CHECKED -  
 DATE - 3/16/2015

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REVISED -  
 REVISED -  
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

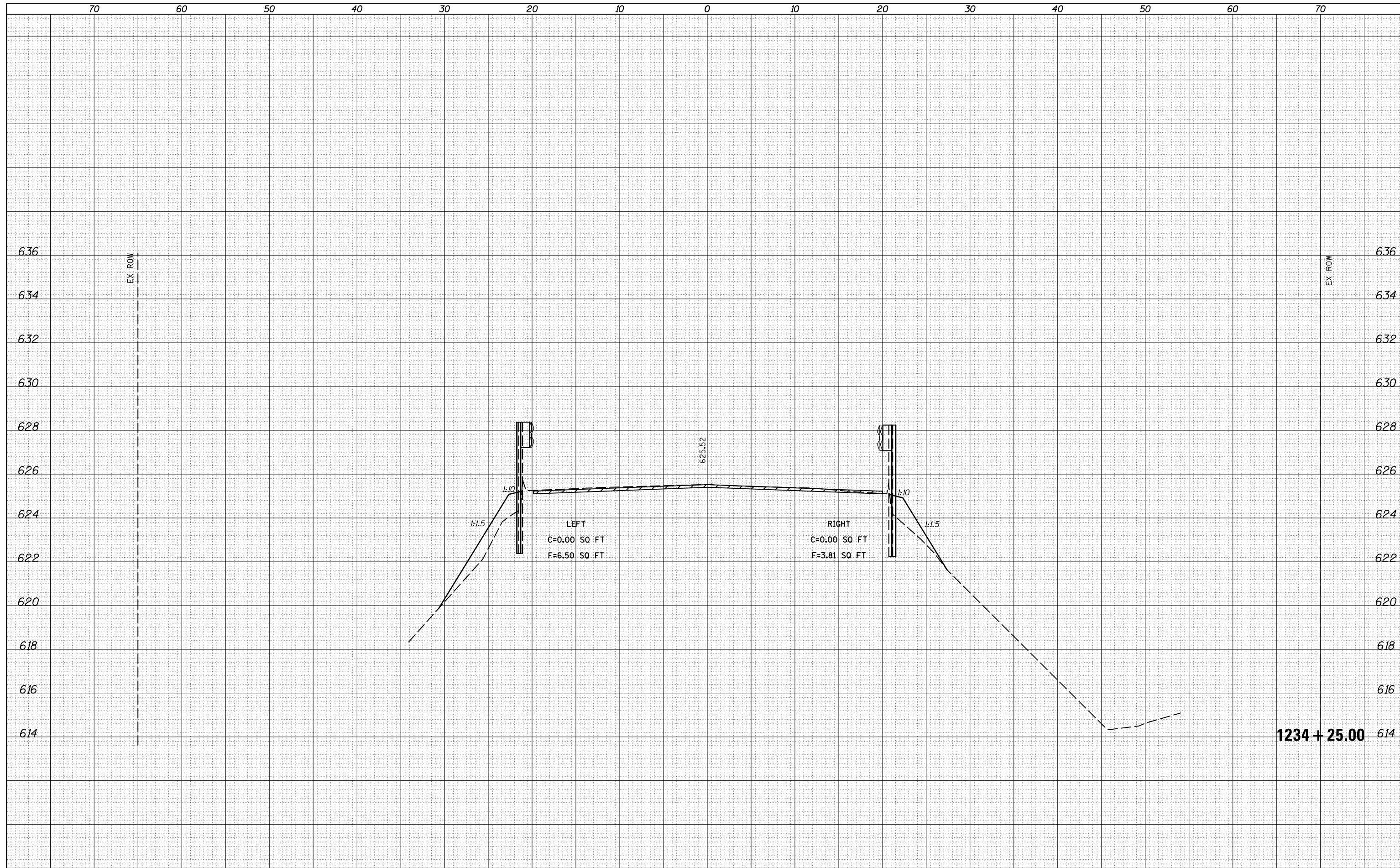
**CROSS SECTION SHEETS - FAP 322 (US 150/IL 1)  
 S.N. 023-0005 AT STATION 1234 + 89.50**

SCALE: SHEET 7 OF 19 SHEETS STA. 1234+00.00 TO STA. 1234+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332		EDGAR	171	149
•(C-X)-1RS-3 & (C-X)RS-6JBDP			CONTRACT NO. 70839	
ILLINOIS FED. AID PROJECT				

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

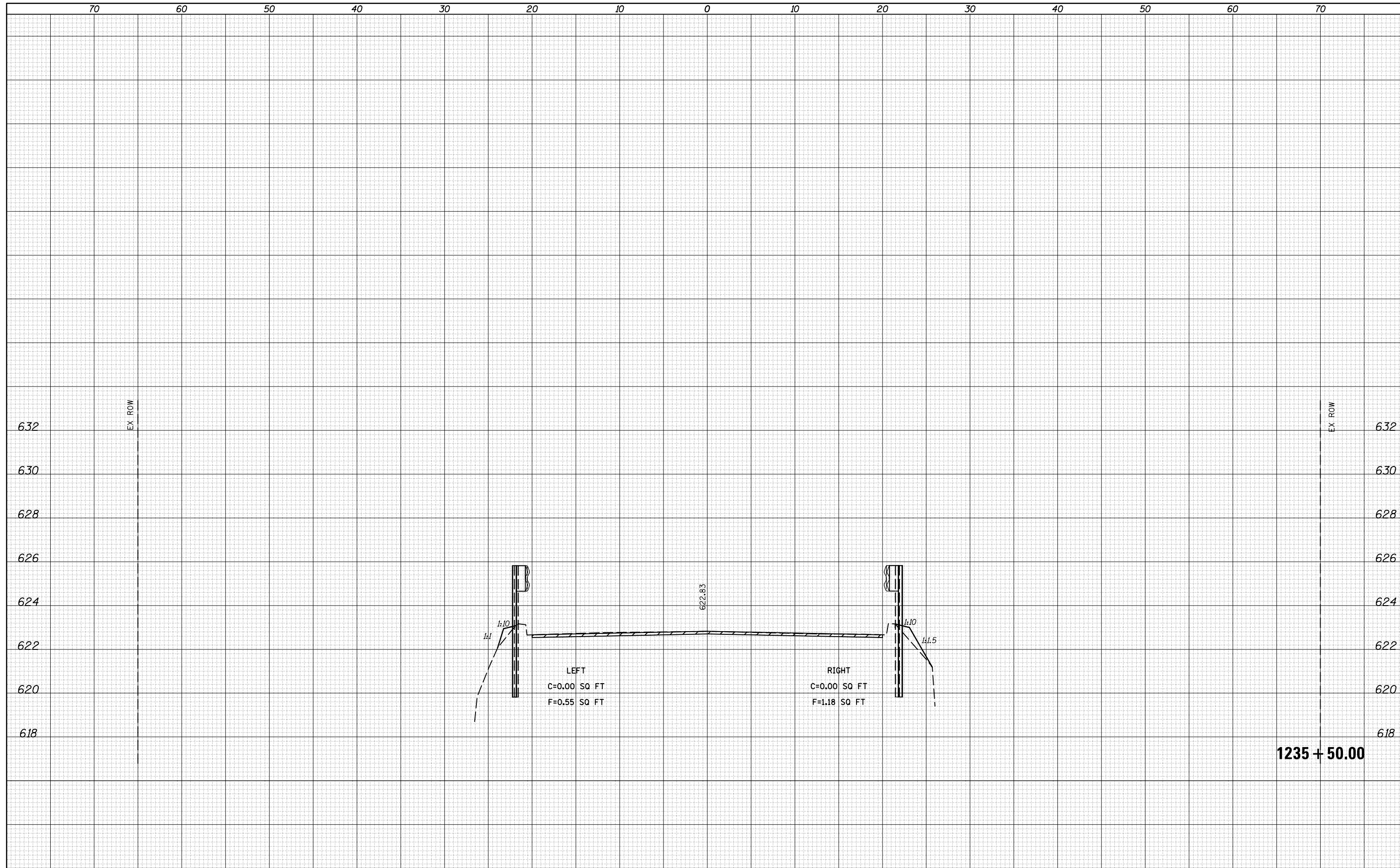
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	AREAS CHECKED



FILE NAME =	USER NAME = piersonbr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		CROSS SECTION SHEETS - FAP 322 (US 150/IL 1)		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\11084EBIDINTEG\Illinois.gov\PIWIDOT\Documents\IDOT Offices\District 5\Projects\0570839\CADD\Design\Cross Sections\0570839-sht-13-REVISED.dgn		DRAWN	REVISION			S.N. 023-0005 AT STATION 1234 + 89.50		332	•	EDGAR	171	150
*MODELNAME*	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -			SCALE: SHEET 8 OF 19 SHEETS STA. 1234+25.00 TO STA. 1234+25.00		•(CX-1)RS-3 & (C-X)RS-6)BDR		CONTRACT NO. 70839		
	PLOT DATE = 3/16/2015	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				

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

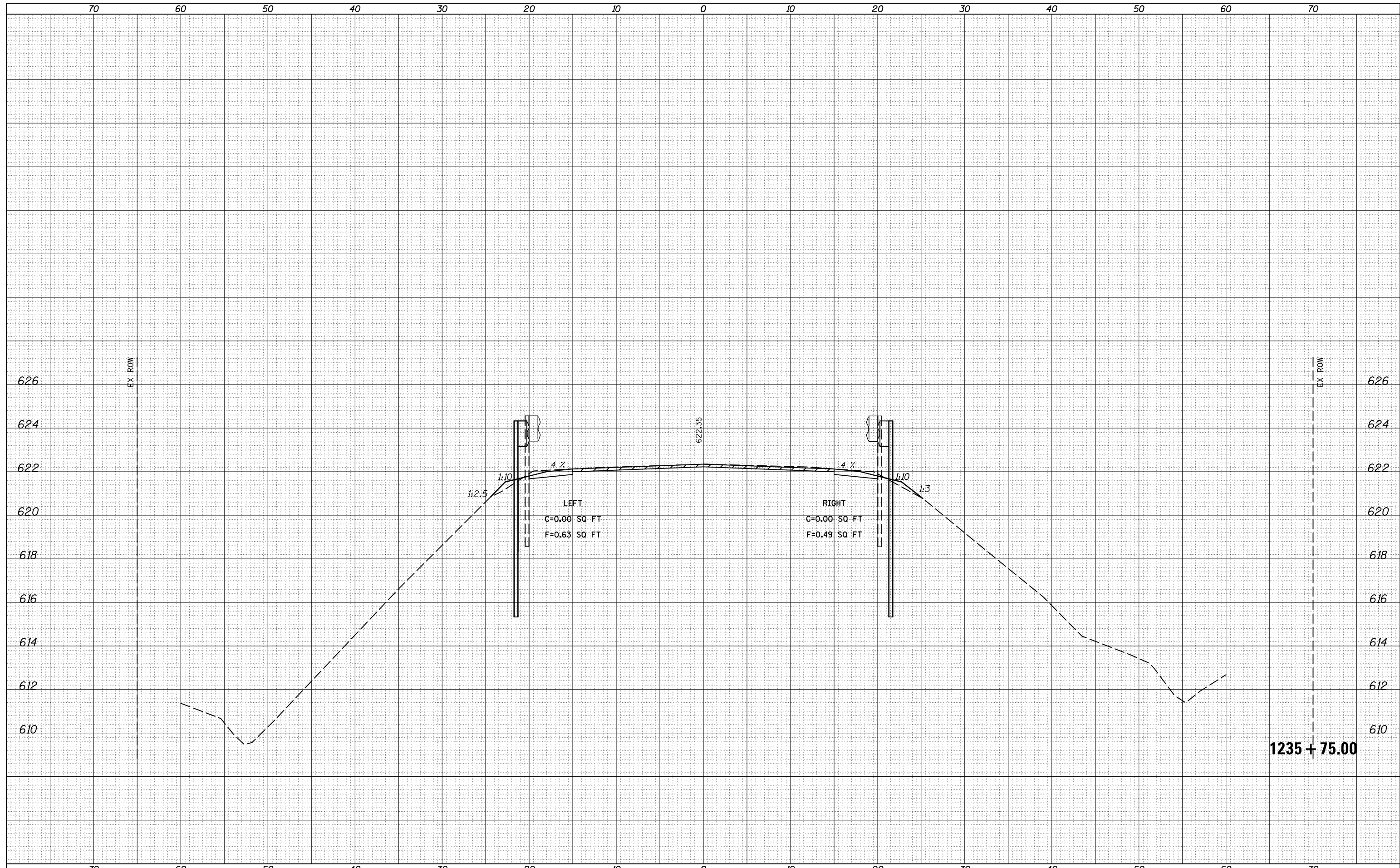
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED



FILE NAME =	USER NAME = piersonbr	DESIGNED -	REVISOR -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTION SHEETS - FAP 322 (US 150/IL 1)</b> <b>S.N. 023-0005 AT STATION 1234 + 89.50</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\IL084EBIDINTEG.Illinois.gov\PIWIDOT\Documents\IDOT Offices\District 5\Projects\0570839\CD\Design\Cross Sections\0570839-sht-1235.dgn	DRAWN	DESIGNED	REVISOR		332	.	EDGAR	171	151			
PLOT SCALE = 10.0000 / in.	CHECKED -	REVISOR -	REVISOR -		•(CX-1)RS-3 & (C-X)RS-6JBDR		CONTRACT NO. 70839	ILLINOIS FED. AID PROJECT				
*MODELNAME*	DATE -	REVISOR -	REVISOR -		SCALE:	SHEET 9 OF 19 SHEETS	STA. 1235+50.00 TO STA. 1235+50.00					

DATE	
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SURVEYED	
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TEMPLATE	
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FINAL SURVEY	
NOTE BOOK	
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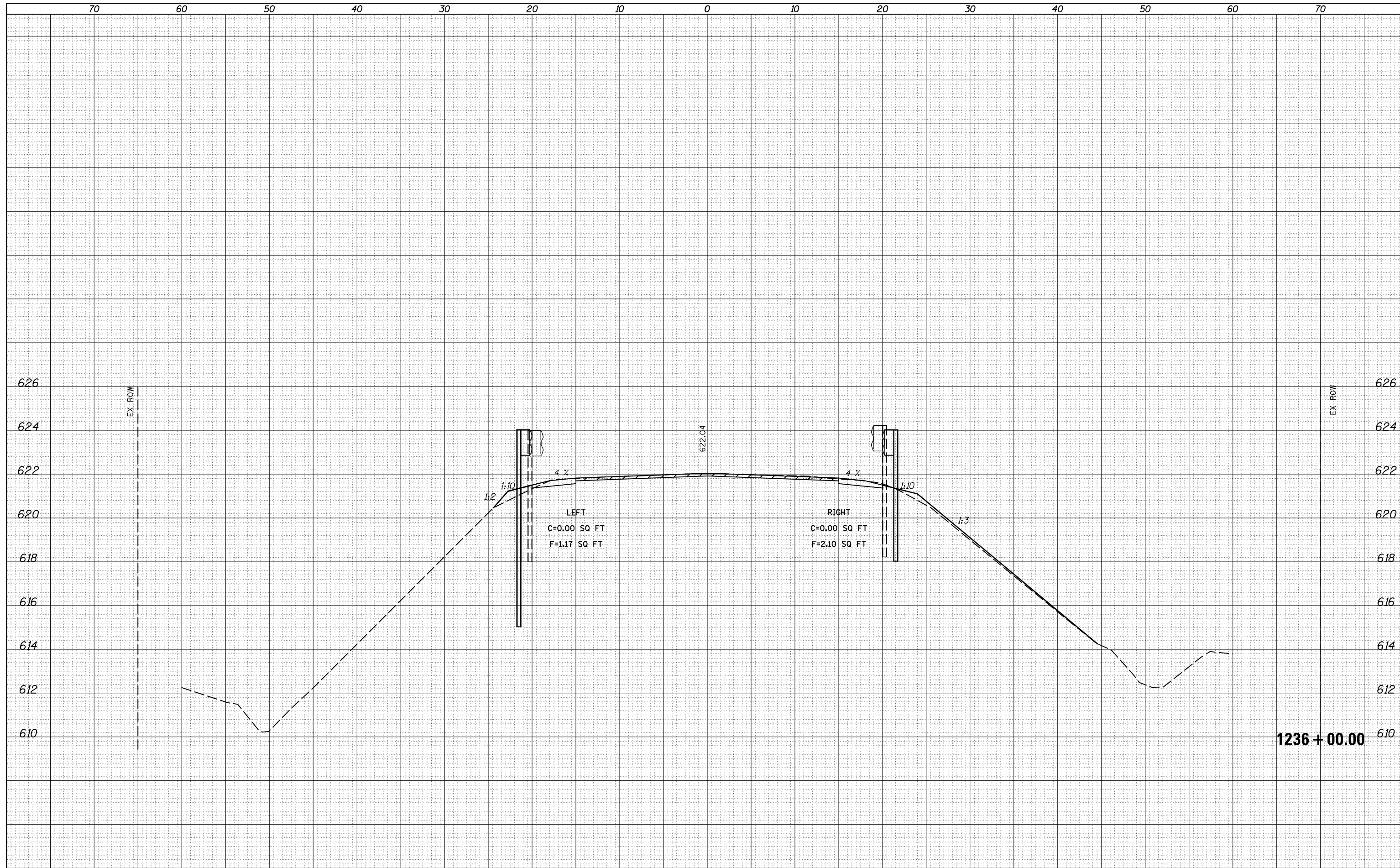
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TEMPLATE	
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ORIGINAL SURVEY	
NOTE BOOK	
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FILE NAME =	USER NAME = piersonbr	DESIGNED -	REVISOR -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTION SHEETS - FAP 322 (US 150/IL 1)</b> <b>S.N. 023-0005 AT STATION 1234 + 89.50</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332		EDGAR	171					152				
ILLINOIS FED. AID PROJECT												
PLOT SCALE = 10.0000' / in. PLOT DATE = 3/16/2015	CHECKED - DATE -	REVISOR - REVISOR - REVISOR -	SCALE:	SHEET 10 OF 19 SHEETS	STA. 1235+75.00 TO STA. 1235+75.00							

DATE	
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SURVEYED	
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FINAL SURVEY	
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TEMPLATE	
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FILE NAME =  
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USER NAME = piersonbr	DESIGNED -	REVISION -
DRAWN -	CHECKED -	REVISION -
PLOT SCALE = 10.0000' / in.	DATE -	REVISION -
PLOT DATE = 3/16/2015		

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

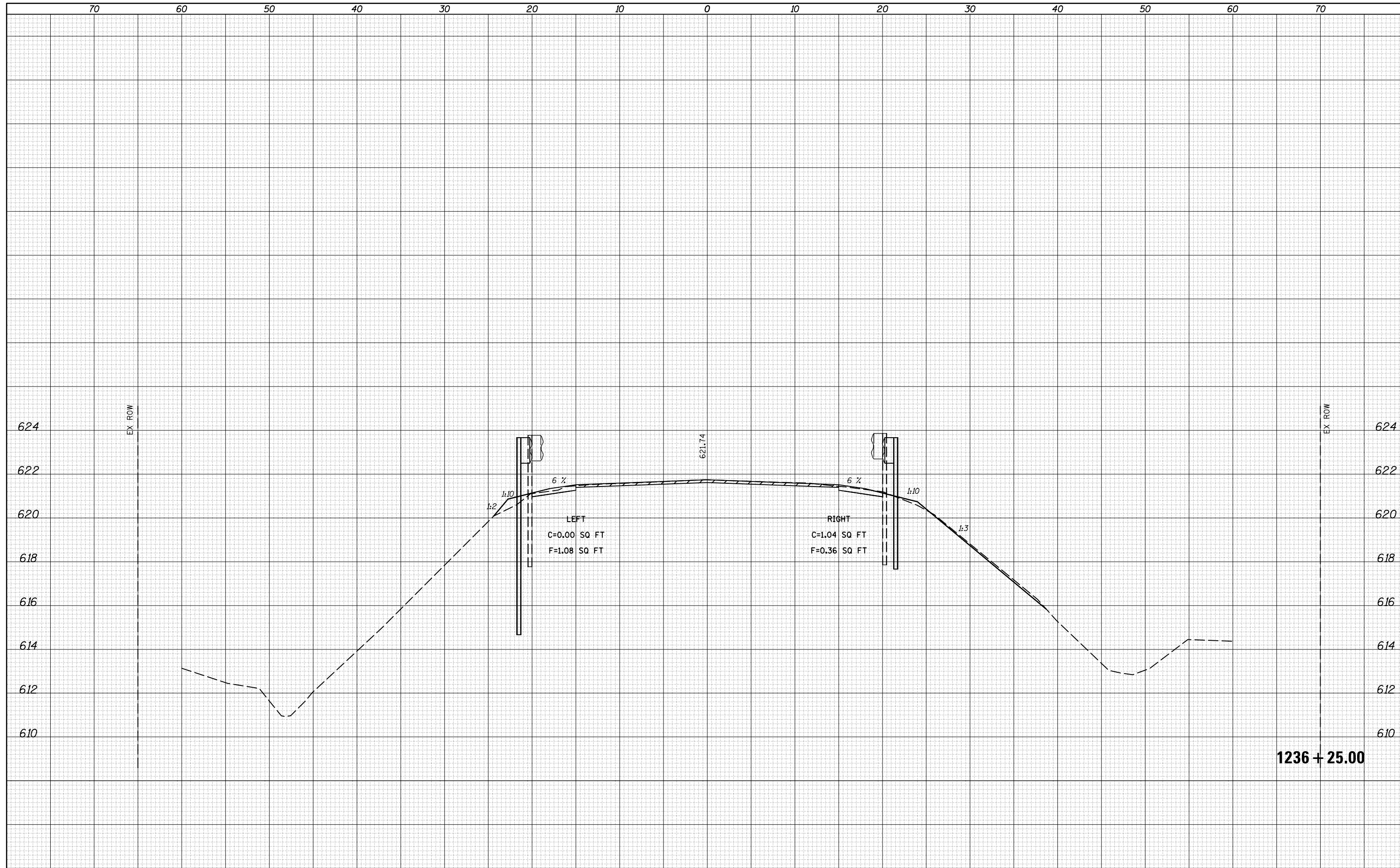
**CROSS SECTION SHEETS - FAP 322 (US 150/IL 1)  
 S.N. 023-0005 AT STATION 1234 + 89.50**

SCALE: SHEET 11 OF 19 SHEETS STA. 1236+00.00 TO STA. 1236+00.00

F.A.P. RTE. 332	SECTION	COUNTY EDGAR	TOTAL SHEETS 171	SHEET NO. 153
*(CX-1)RS-3 & (C-X)RS-6(BDR)			CONTRACT NO. 70839	
ILLINOIS FED. AID PROJECT				

DATE	
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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
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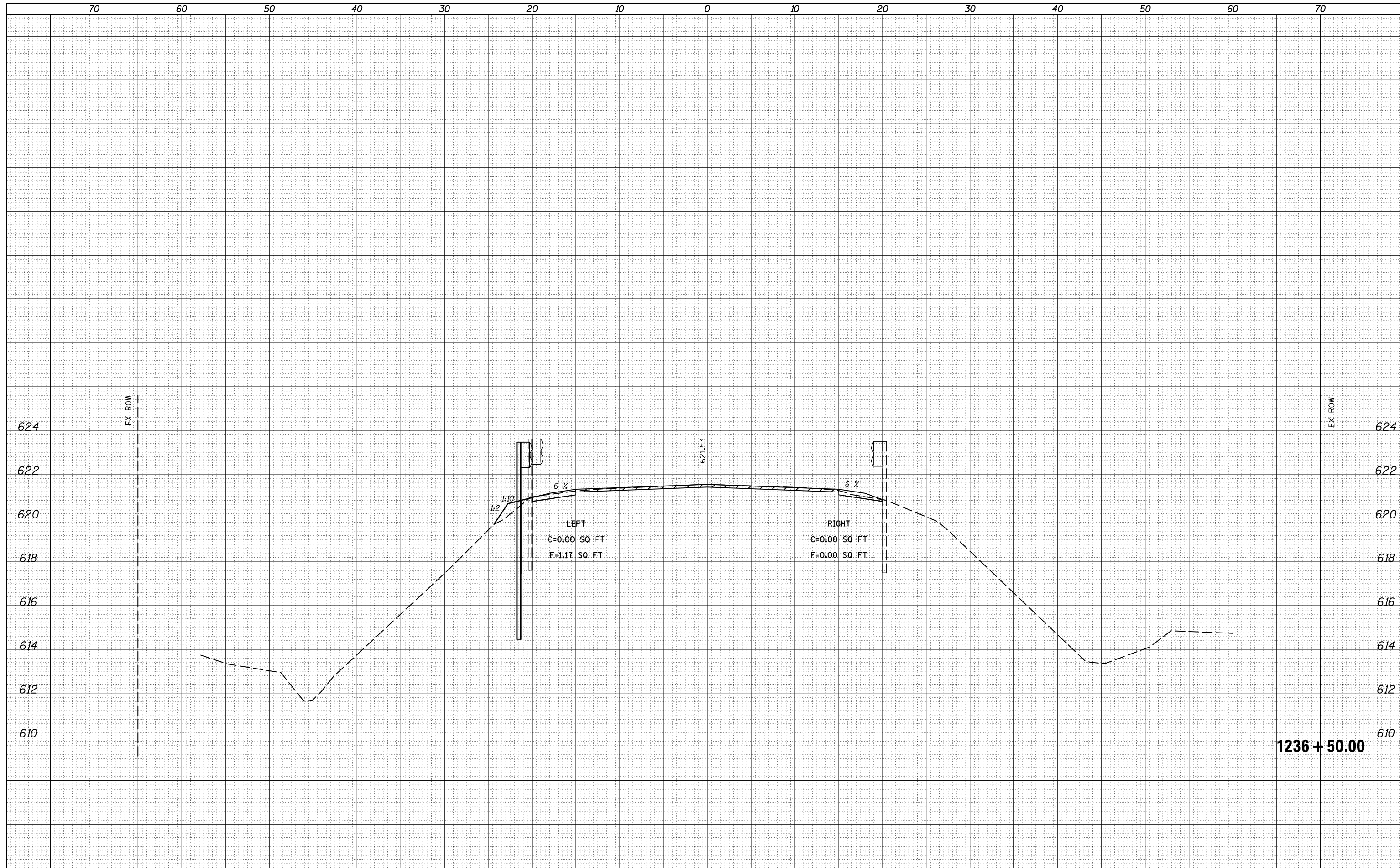
DATE	
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
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FILE NAME =	USER NAME = piersonbr	DESIGNED -	REVISOR -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTION SHEETS - FAP 322 (US 150/IL 1)</b> <b>S.N. 023-0005 AT STATION 1234 + 89.50</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332								EDGAR	171	154		
•(CX-1)RS-3 & (C-X)RS-6)BDR								<b>CONTRACT NO. 70839</b>				
PLOT SCALE = 10.0000' / in. PLOT DATE = 3/16/2015	CHECKED - DATE -	REVISOR - REVISOR - REVISOR -	SCALE:	SHEET 12 OF 19 SHEETS	STA. 1236+25.00 TO STA. 1236+25.00	ILLINOIS FED. AID PROJECT						

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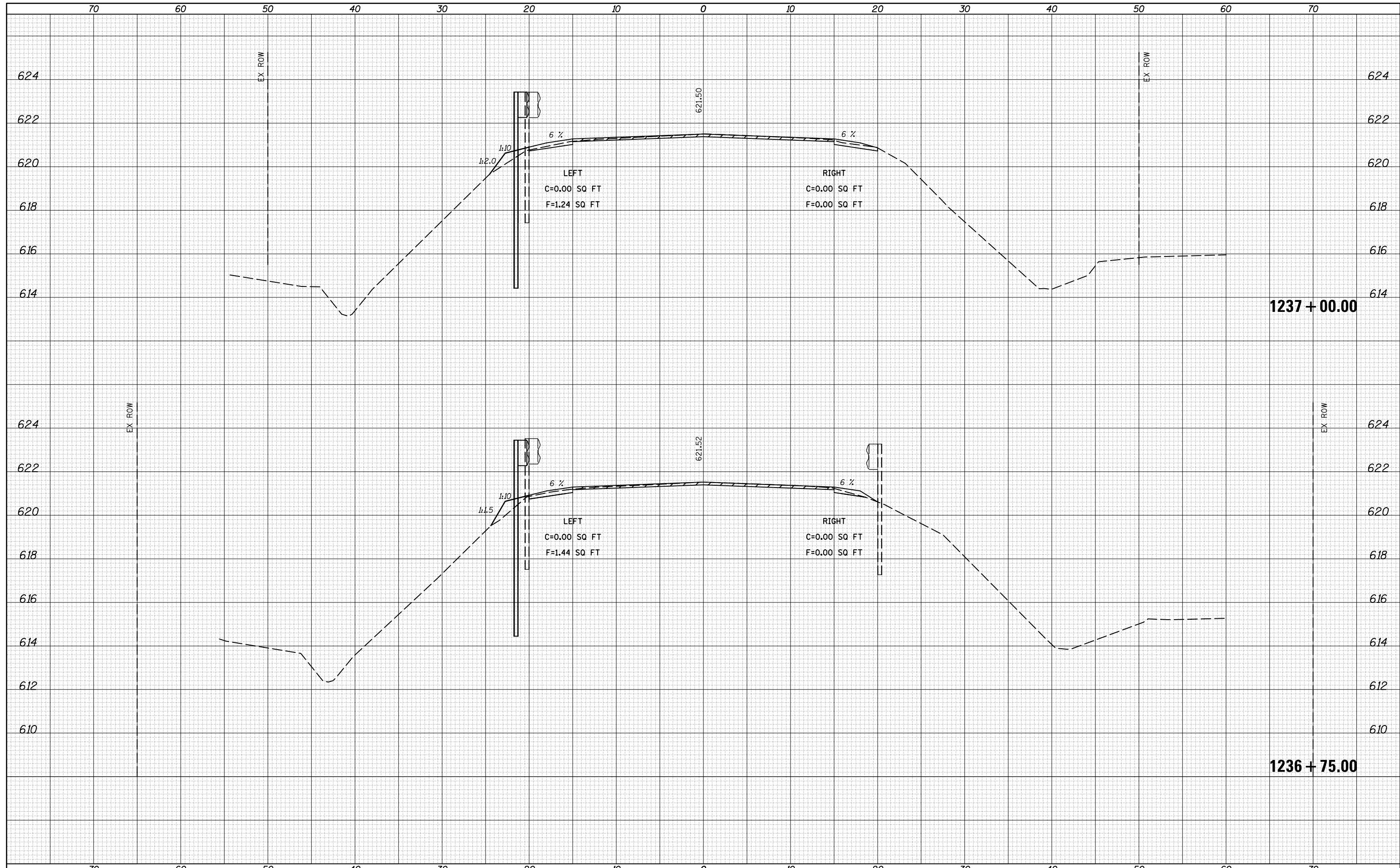
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED



FILE NAME =	USER NAME = piersonbr	DESIGNED -	REVISOR -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTION SHEETS - FAP 322 (US 150/IL 1)</b> <b>S.N. 023-0005 AT STATION 1234 + 89.50</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\11084EBIDINTEG\Illinois.gov\PIWIDOT\Documents\IDOT Offices\District 5\Projects\0570839\CD\Design\Cross Sections\0570839-sht-13-revised.dgn	DRAWN	CHECKED -	REVISOR -		332	.	EDGAR	171	155			
PLOT SCALE = 10.0000' / in.	DATE = 3/16/2015	REVISOR -	REVISOR -		•[(CX-1)RS-3 & (C-X)RS-6]BDR		CONTRACT NO. 70839	ILLINOIS FED. AID PROJECT				

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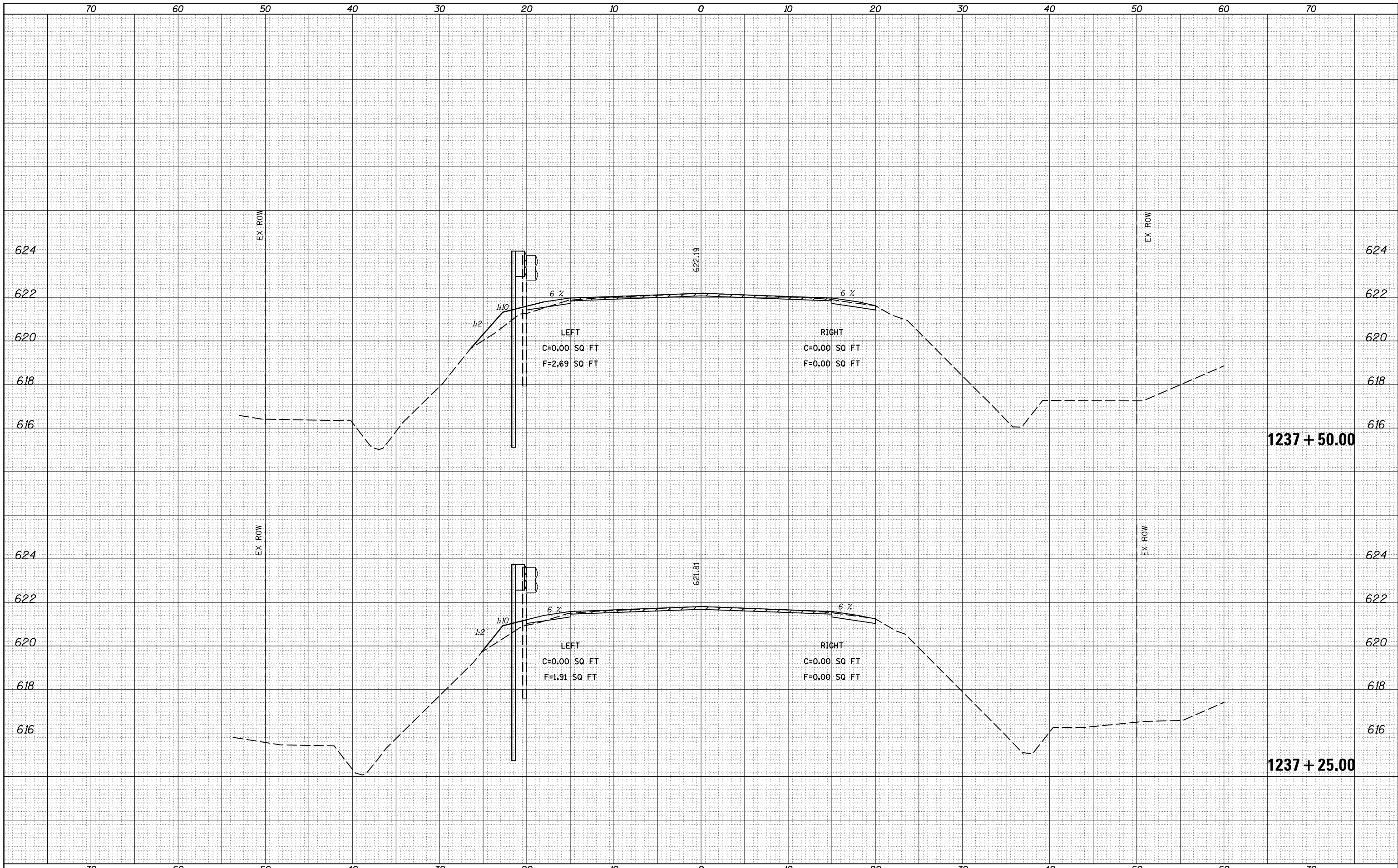
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DATE	BY	SURVEYED	PLOTTED	AREAS CHECKED
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DATE	BY	ORIGINAL SURVEY	PLOTTED	AREAS CHECKED
NO.				



FILE NAME -	USER NAME - piersonbr	DESIGNED -	REVISOR -
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		CHECKED -	REVISION -
		DATE -	REVISION -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

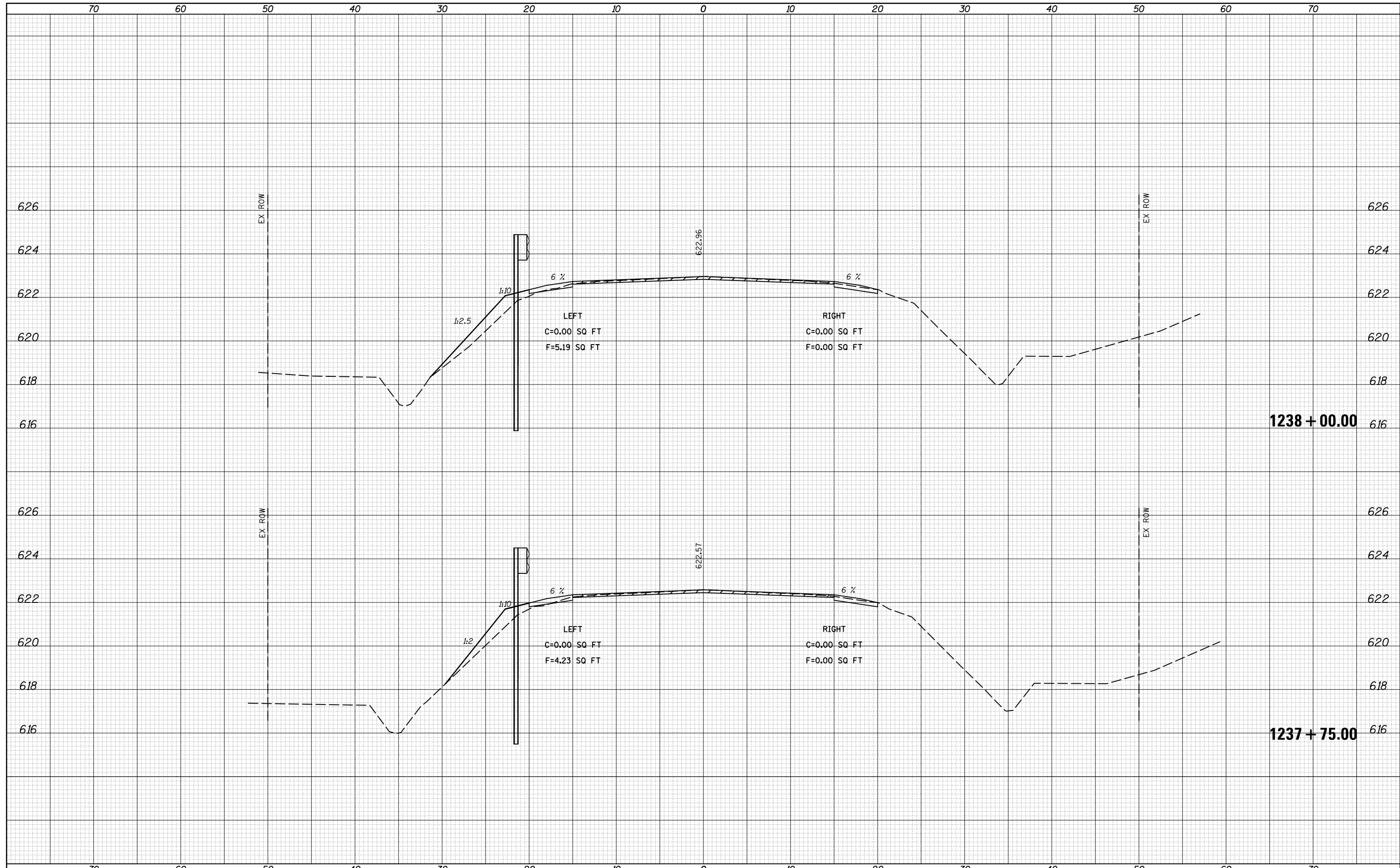
**CROSS SECTION SHEETS - FAP 322 (US 150/IL 1)  
S.N. 023 + 0005 AT STATION 1234 + 89.50**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332		EDGAR	171	157
•[(CX-1)RS-3 & (C-X)RS-6]BDR		CONTRACT NO. 70839		
ILLINOIS FED. AID PROJECT				

SCALE: SHEET 15 OF 19 SHEETS STA. 1237+25.00 TO STA. 1237+50.00

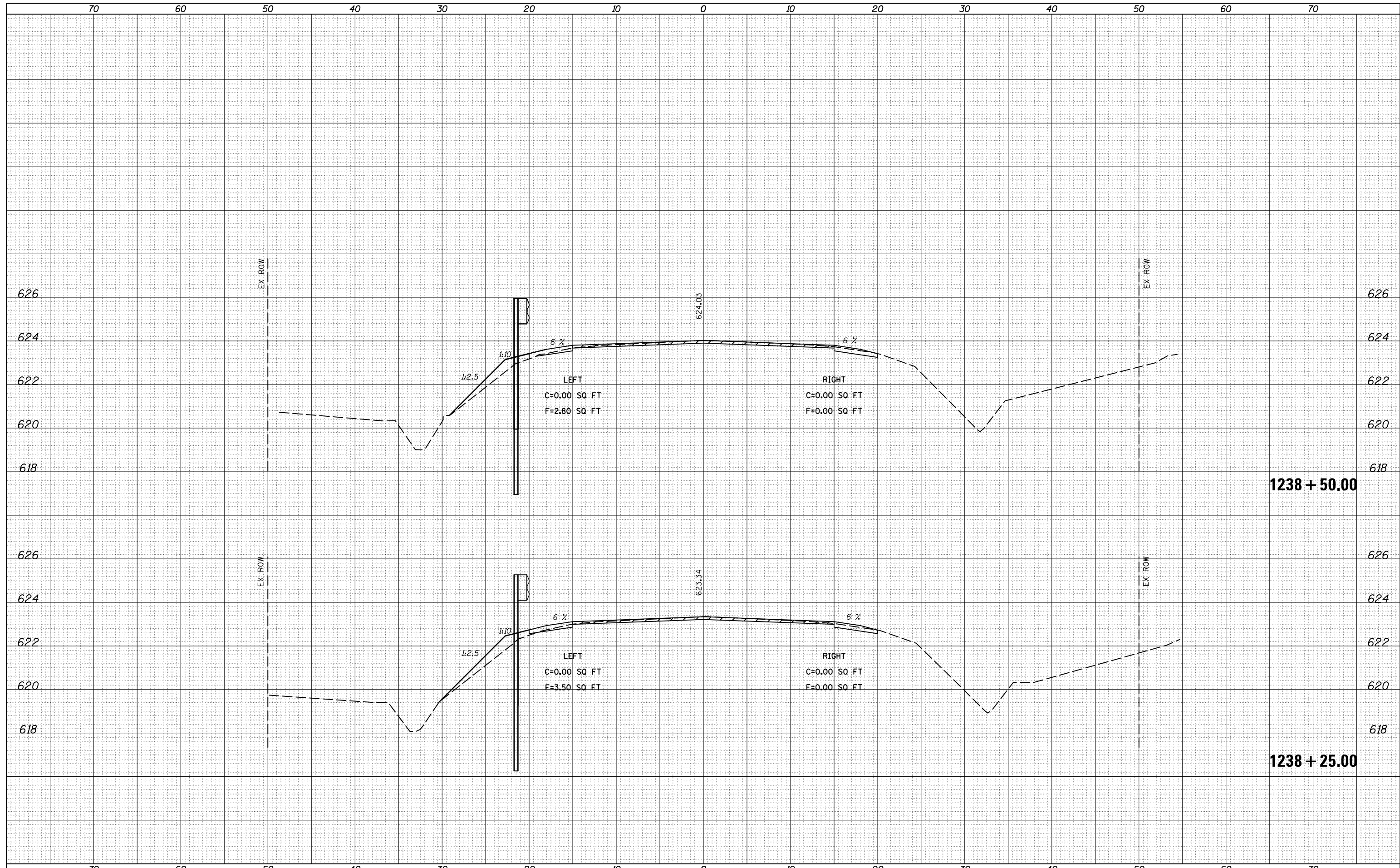
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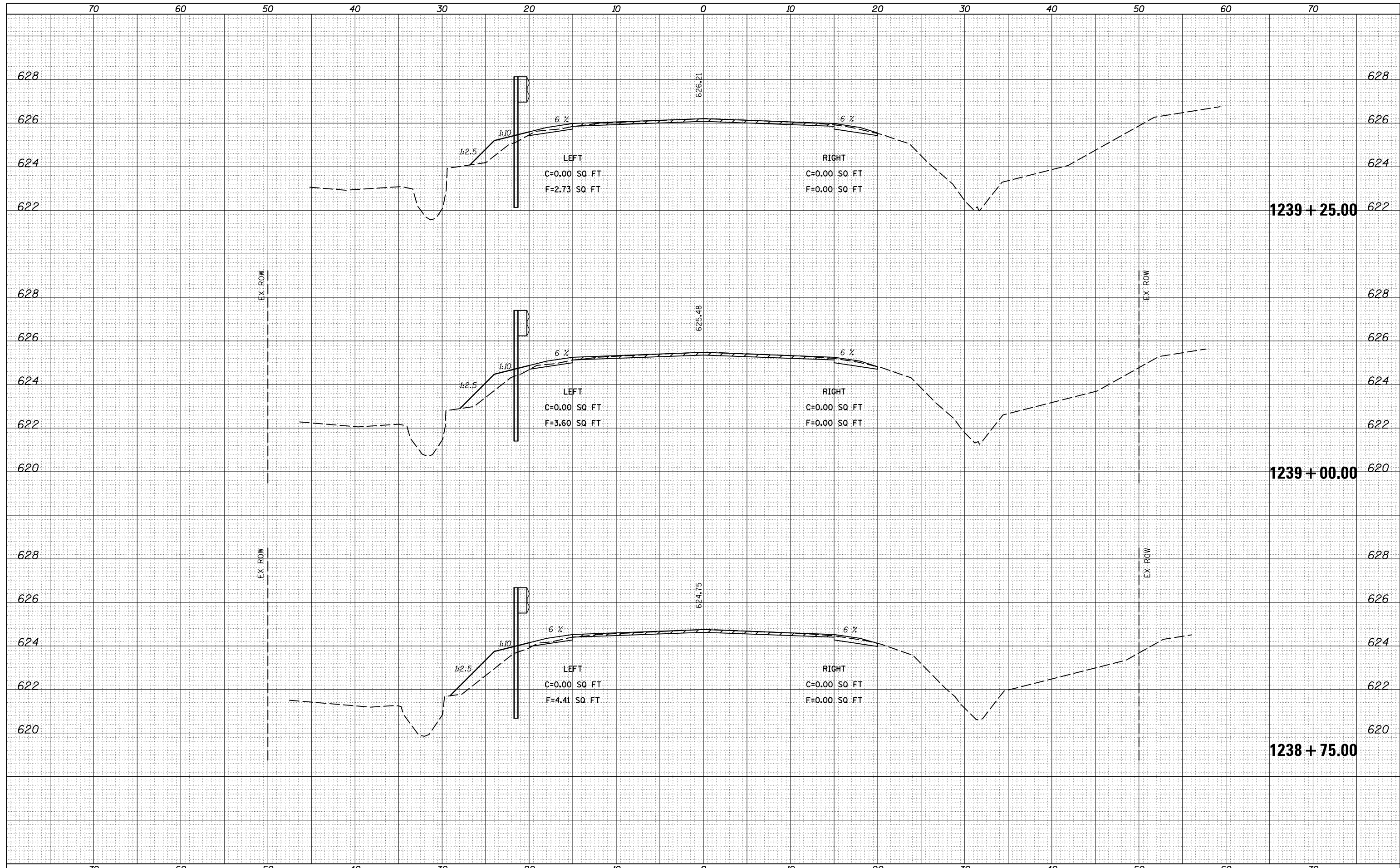
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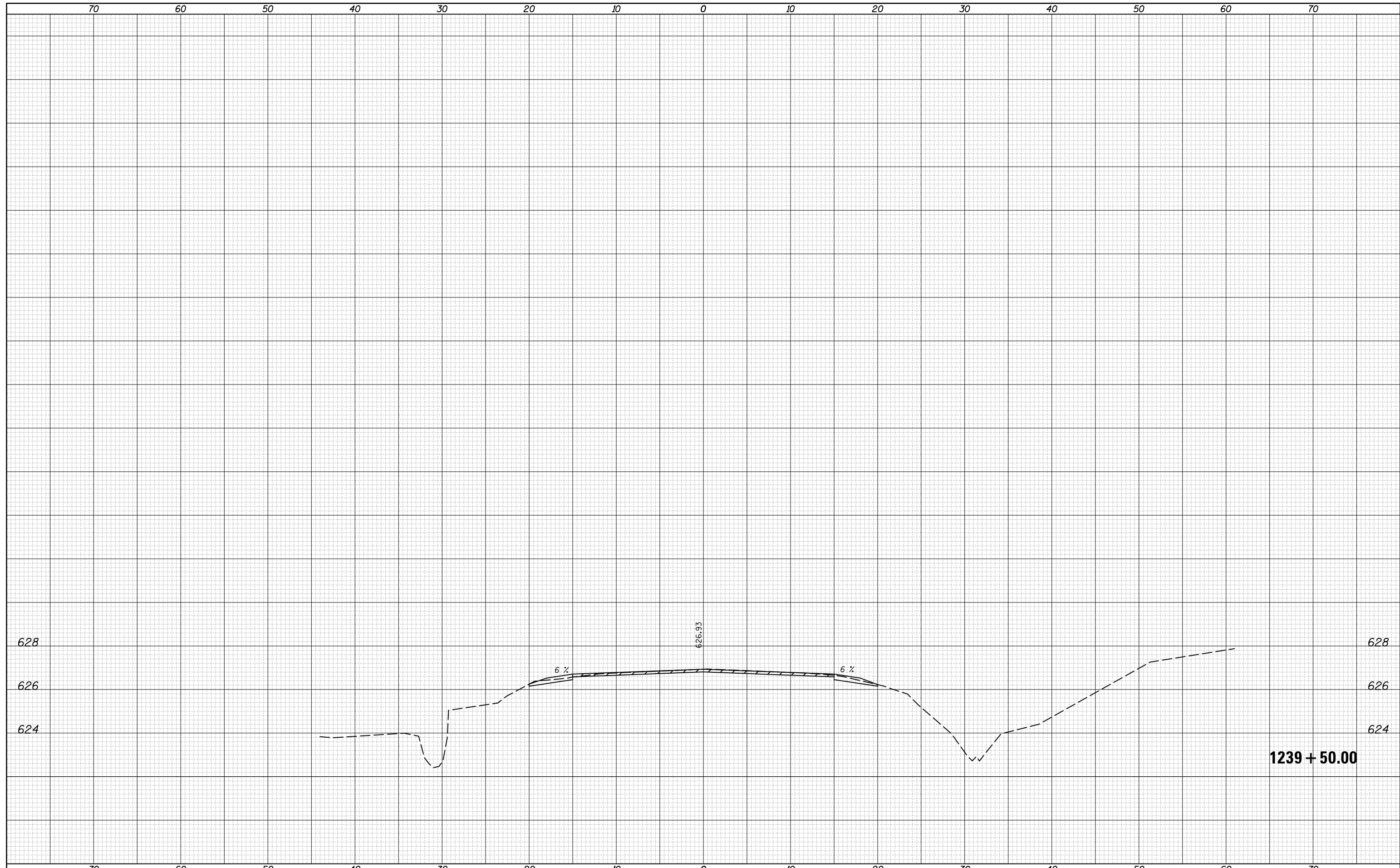
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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
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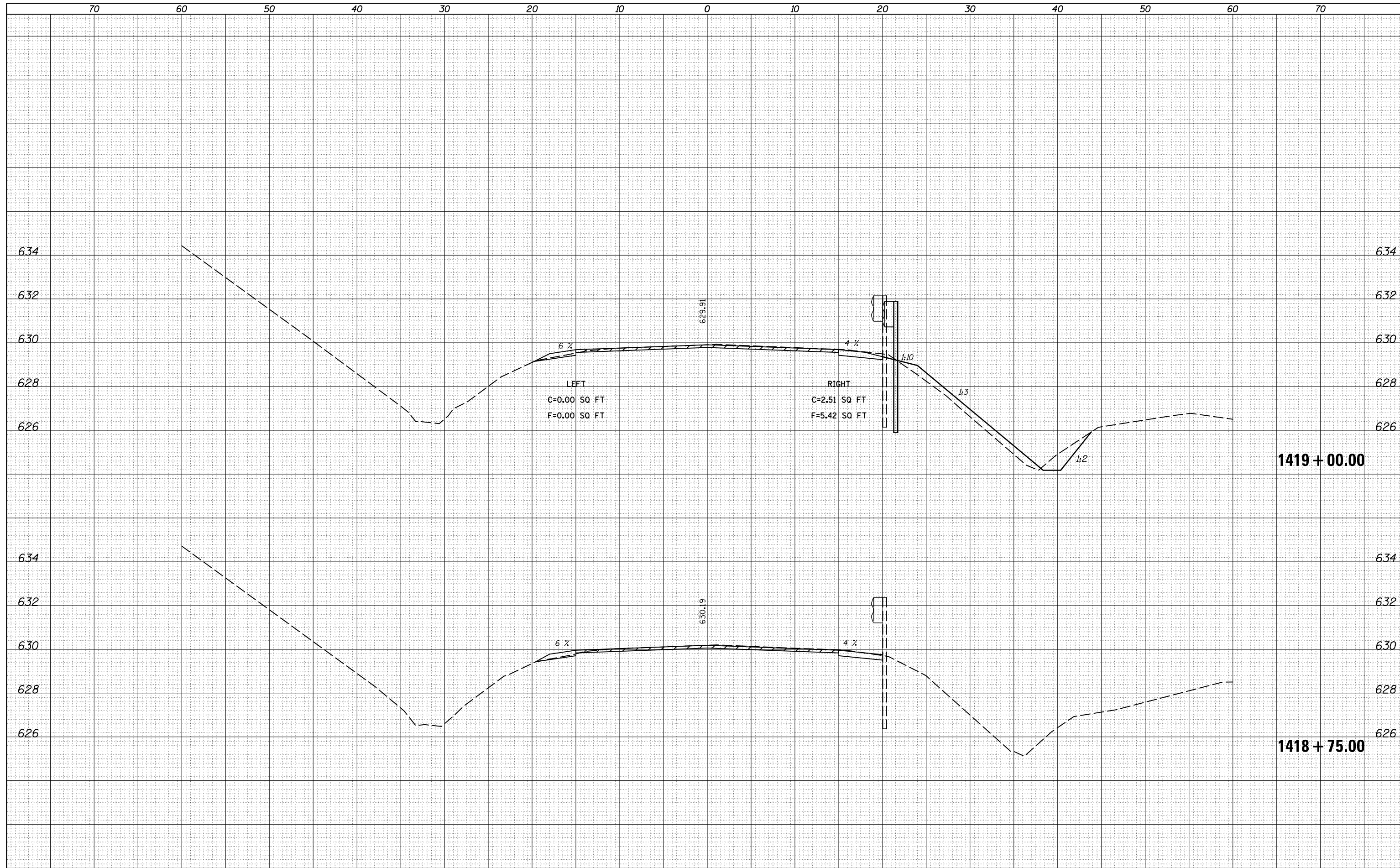
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NOTE BOOK	PLOTTED
NO.	TEMPLATE
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FILE NAME =	USER NAME = piersonbr	DESIGNED -	REVISOR -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTION SHEETS - FAP 322 (US 150/IL 1)</b> <b>S.N. 023-0005 AT STATION 1234 + 89.50</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\11084EBIDINTEG\Illinois.gov\PIWIDOT\Documents\IDOT Offices\District 5\Projects\0570839\CD\Design\Cross Sections\0570839-sht-19-REVISED.dgn	DRAWN	CHECKED -	REVISOR -		332	•	EDGAR	171	161			
PLOT SCALE = 10.0000' / in.	DATE = 3/16/2015	REVISOR -	REVISOR -		•(CX-1)RS-3 & (C-X)RS-6)BDR			<b>CONTRACT NO. 70839</b>				
*MODELNAME*		DATE -	REVISOR -	SCALE:	SHEET 19	OF 19	SHEETS	STA. 1239+50.00	TO STA. 1239+50.00	ILLINOIS FED. AID PROJECT		

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
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FILE NAME =  
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USER NAME = piersonbr	DESIGNED -	REVISOR -
DRAWN -	CHECKED -	REVISOR -
PLOT SCALE = 10.0000' / in.	DATE -	REVISOR -
PLOT DATE = 3/16/2015		

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

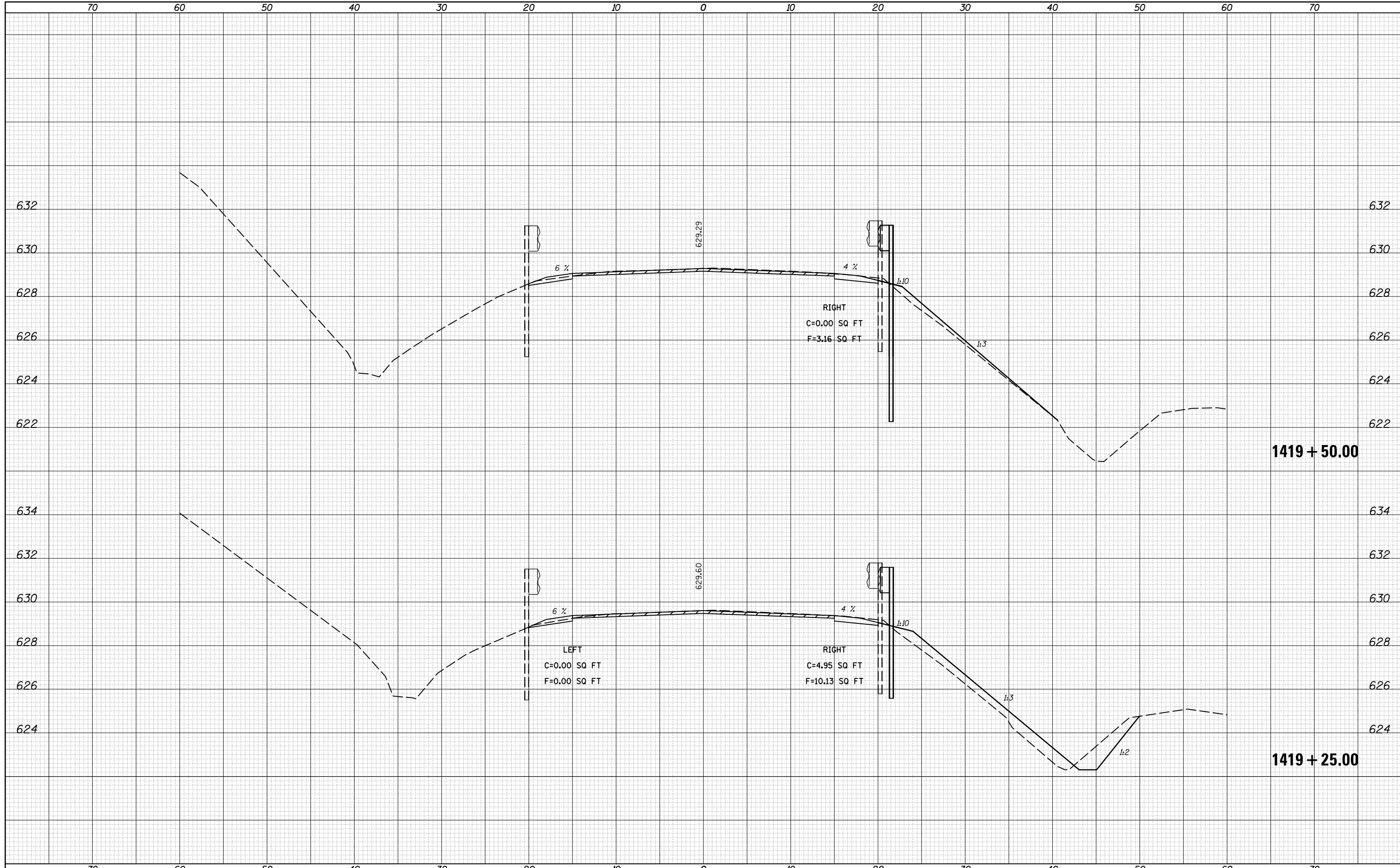
**CROSS SECTION SHEETS - FAP 322 (US 150/IL 1)**  
**S.N. 023-0004 AT STATION 1421+58.00**

SCALE: SHEET 1 OF 10 SHEETS STA. 1418+75.00 TO STA. 1419+00.00

F.A.P. RTE. 332	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		EDGAR	171	162
*[(CX-1)RS-3 & (C-X)RS-6]BDR			CONTRACT NO. 70839	
ILLINOIS FED. AID PROJECT				

BY	DATE
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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	CHECKED

BY	DATE
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
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FILE NAME =  
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

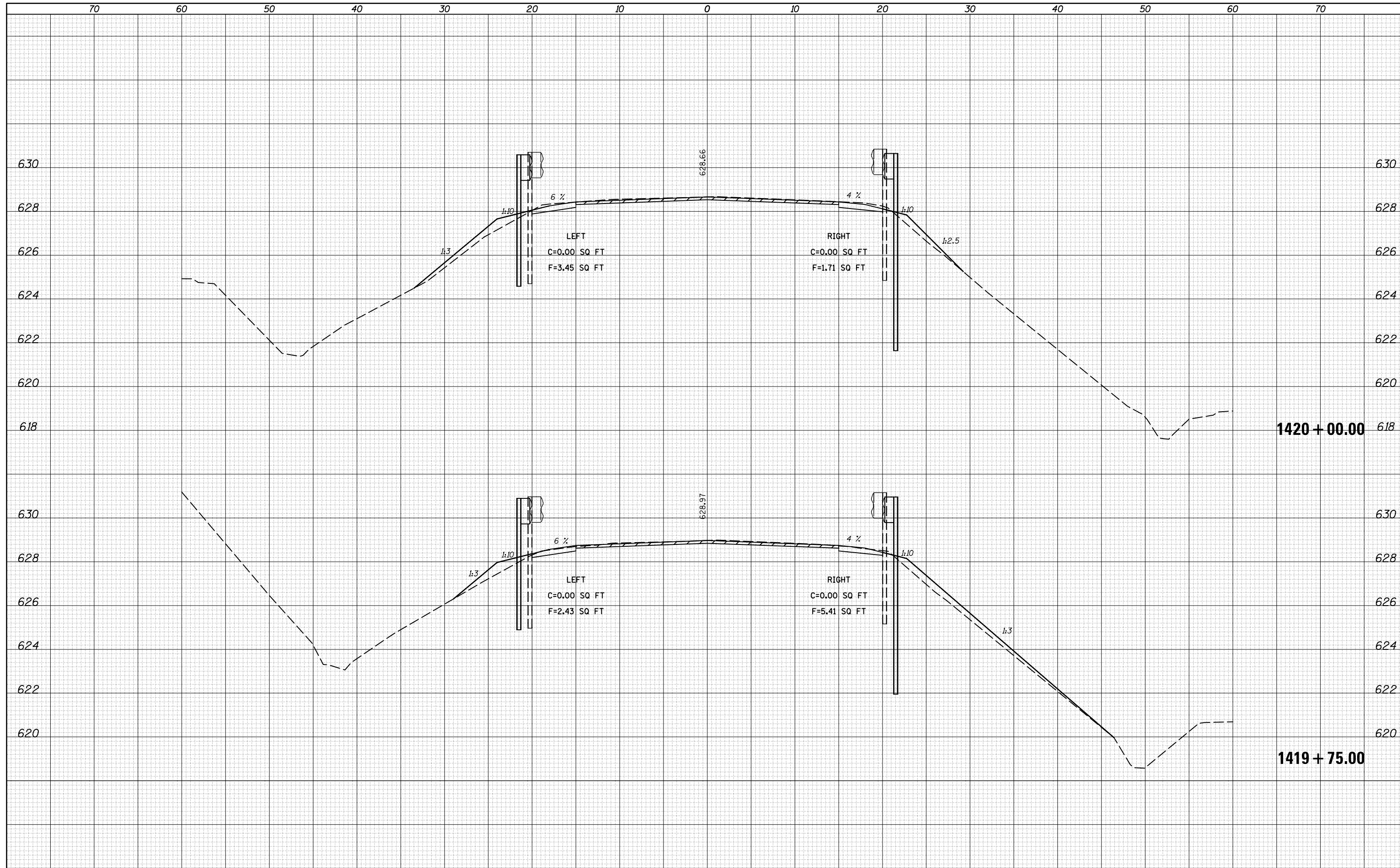
CROSS SECTION SHEETS - FAP 322 (US 150/IL 1)  
 S.N. 013-0004 AT STATION 1421+58.00

SCALE: SHEET 2 OF 10 SHEETS STA. 1419+25.00 TO STA. 1419+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332		EDGAR	171	163
• (CX-1)RS-3 & (C-X)RS-6JBDP			CONTRACT NO. 70839	
ILLINOIS FED. AID PROJECT				

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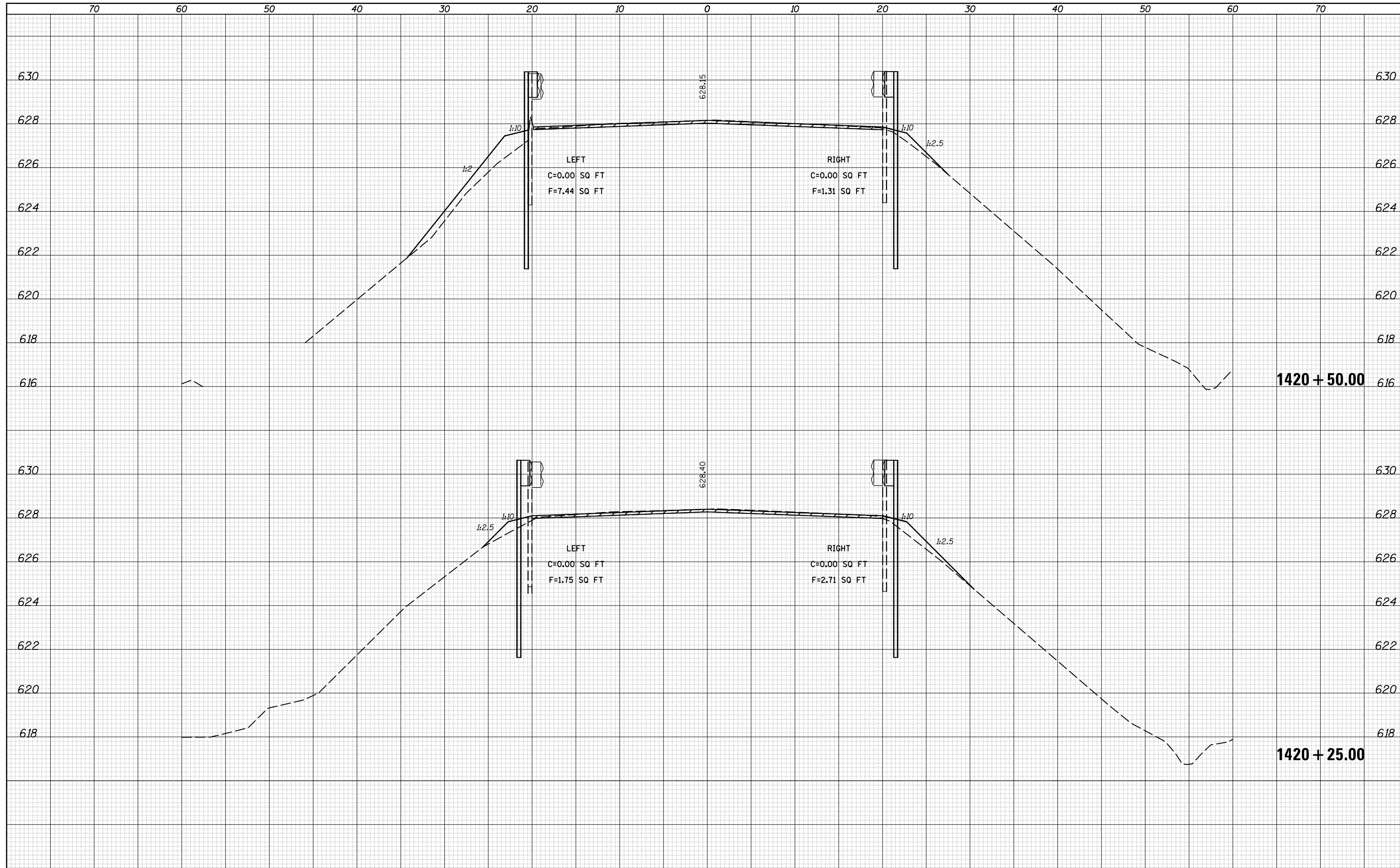
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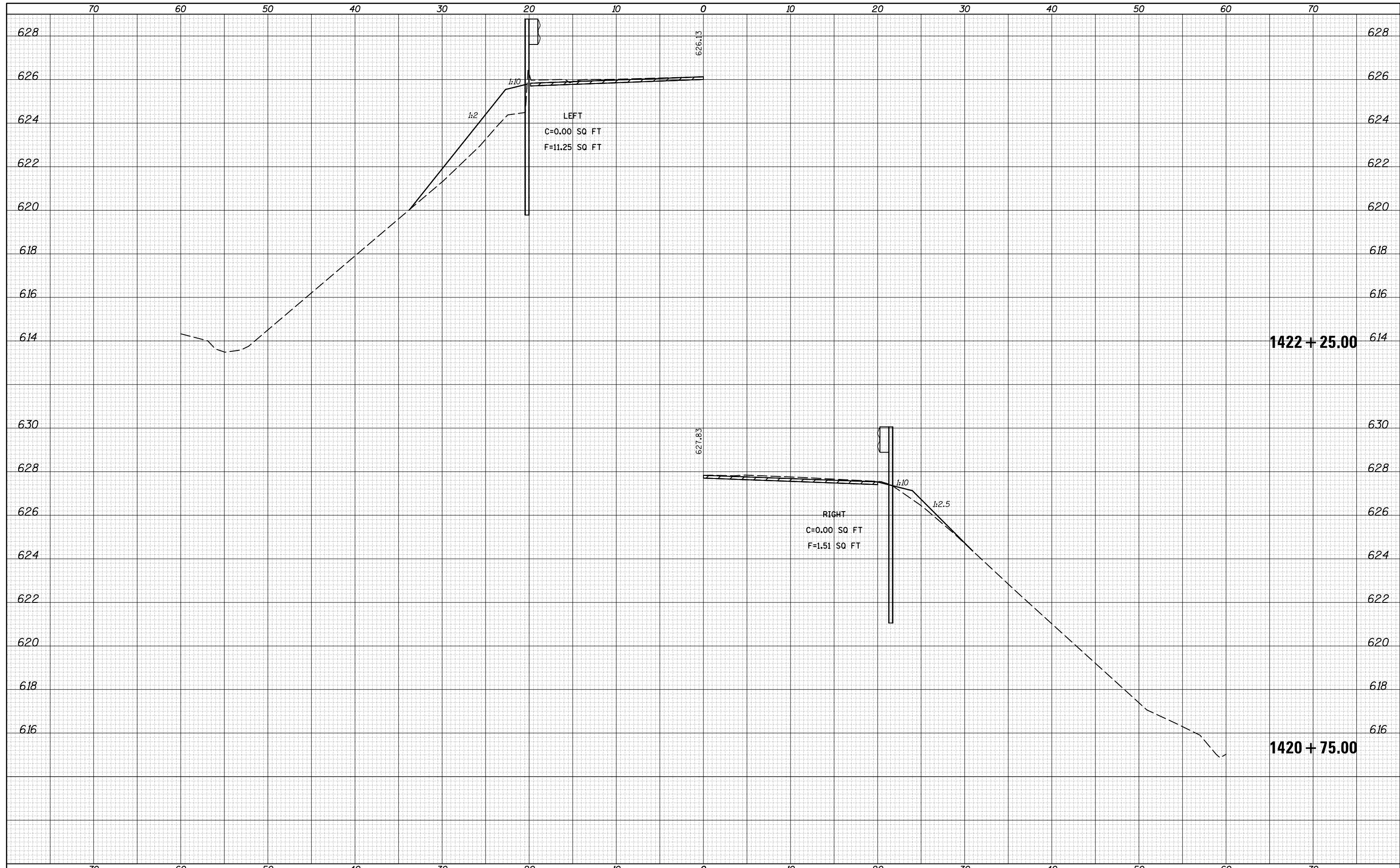
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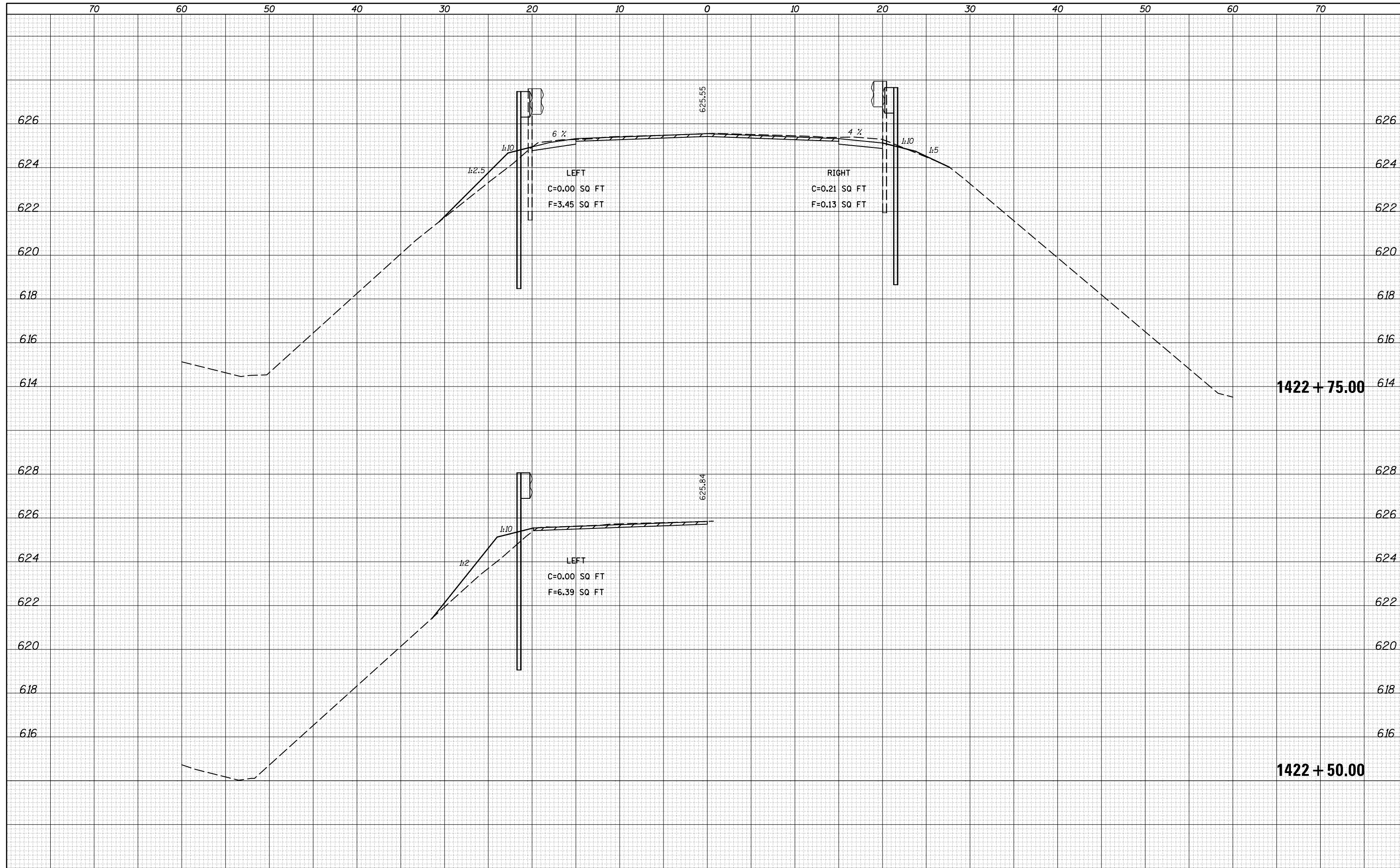
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NOTE BOOK NO.	PLOTTED
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK NO.	PLOTTED
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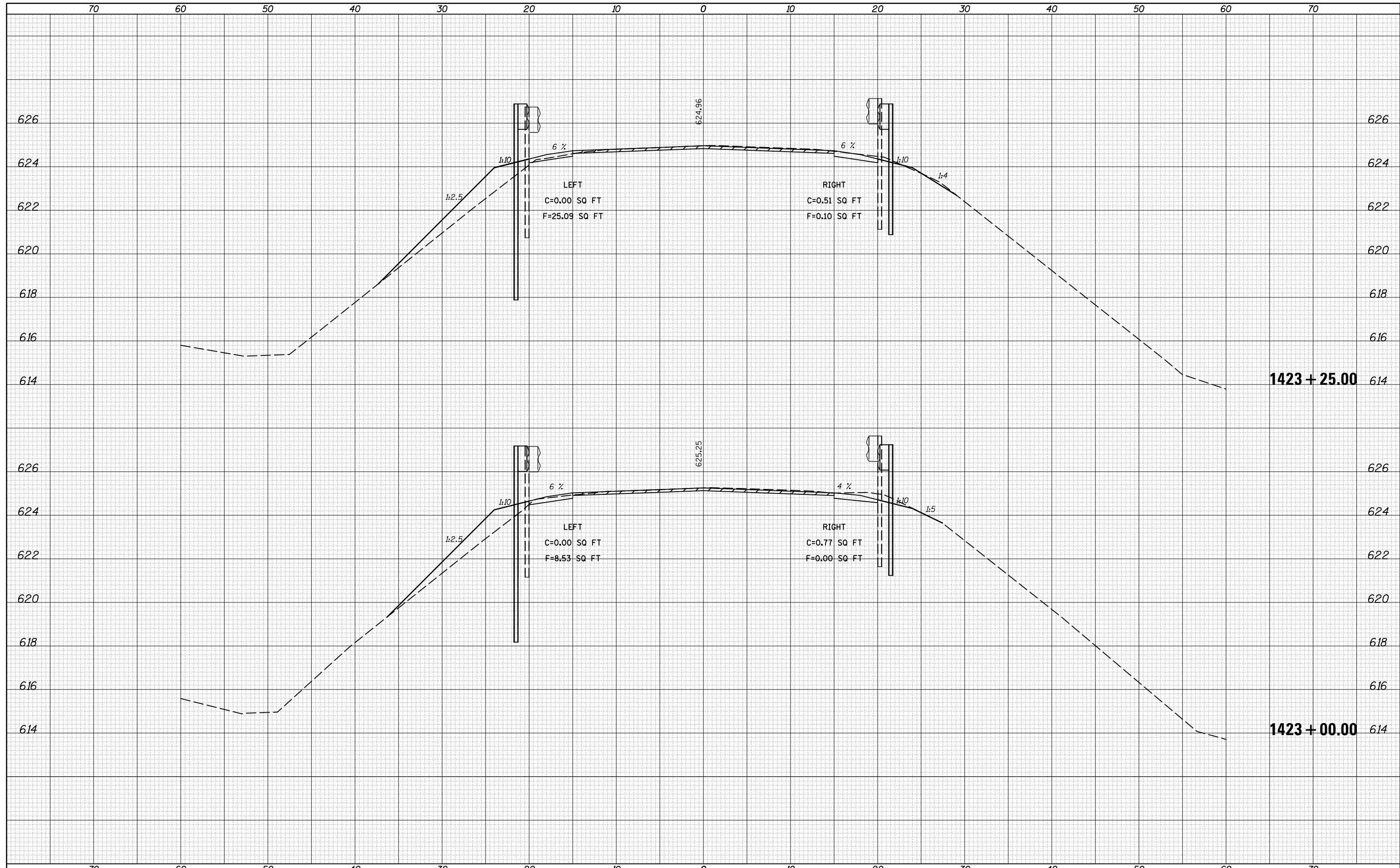
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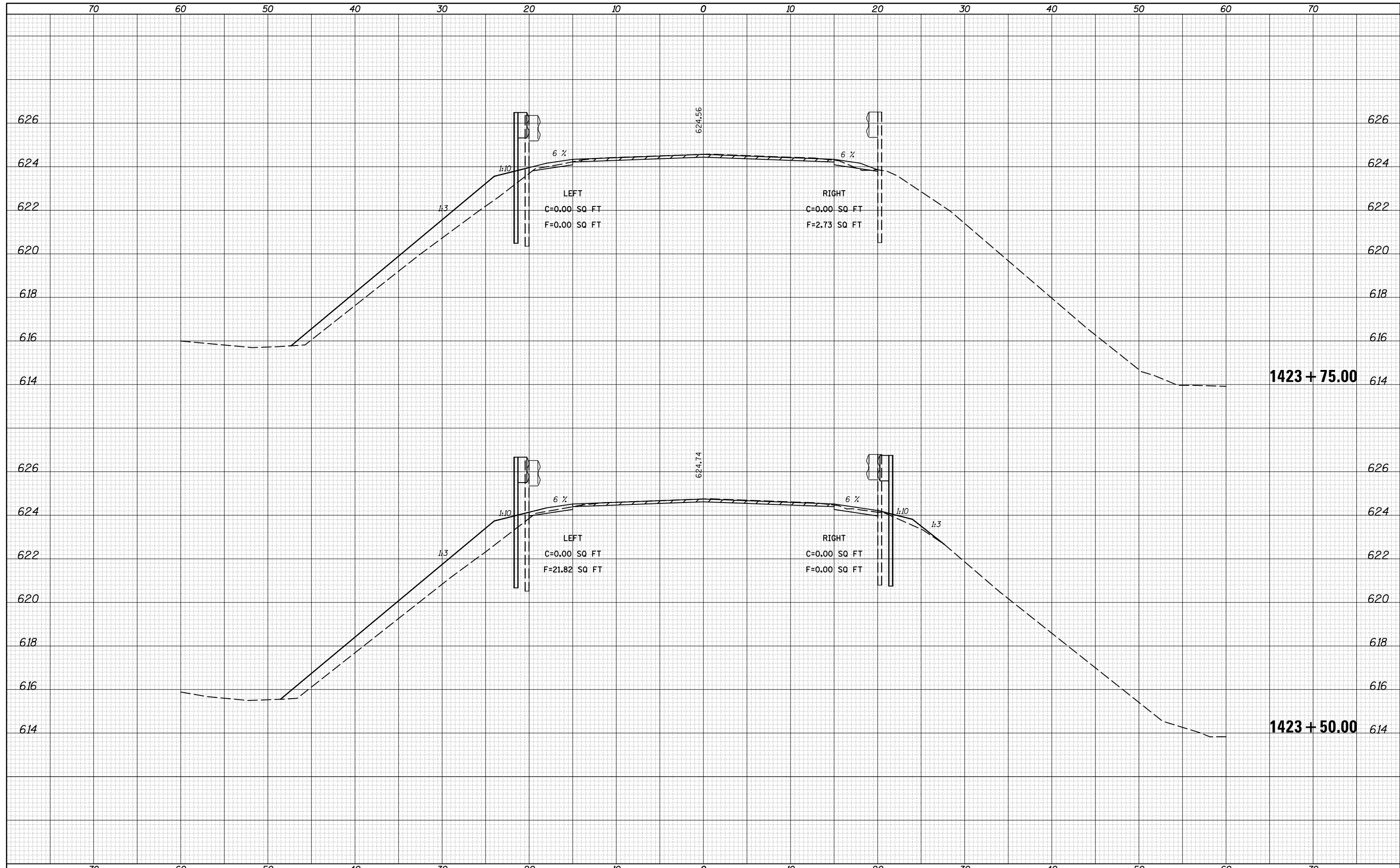
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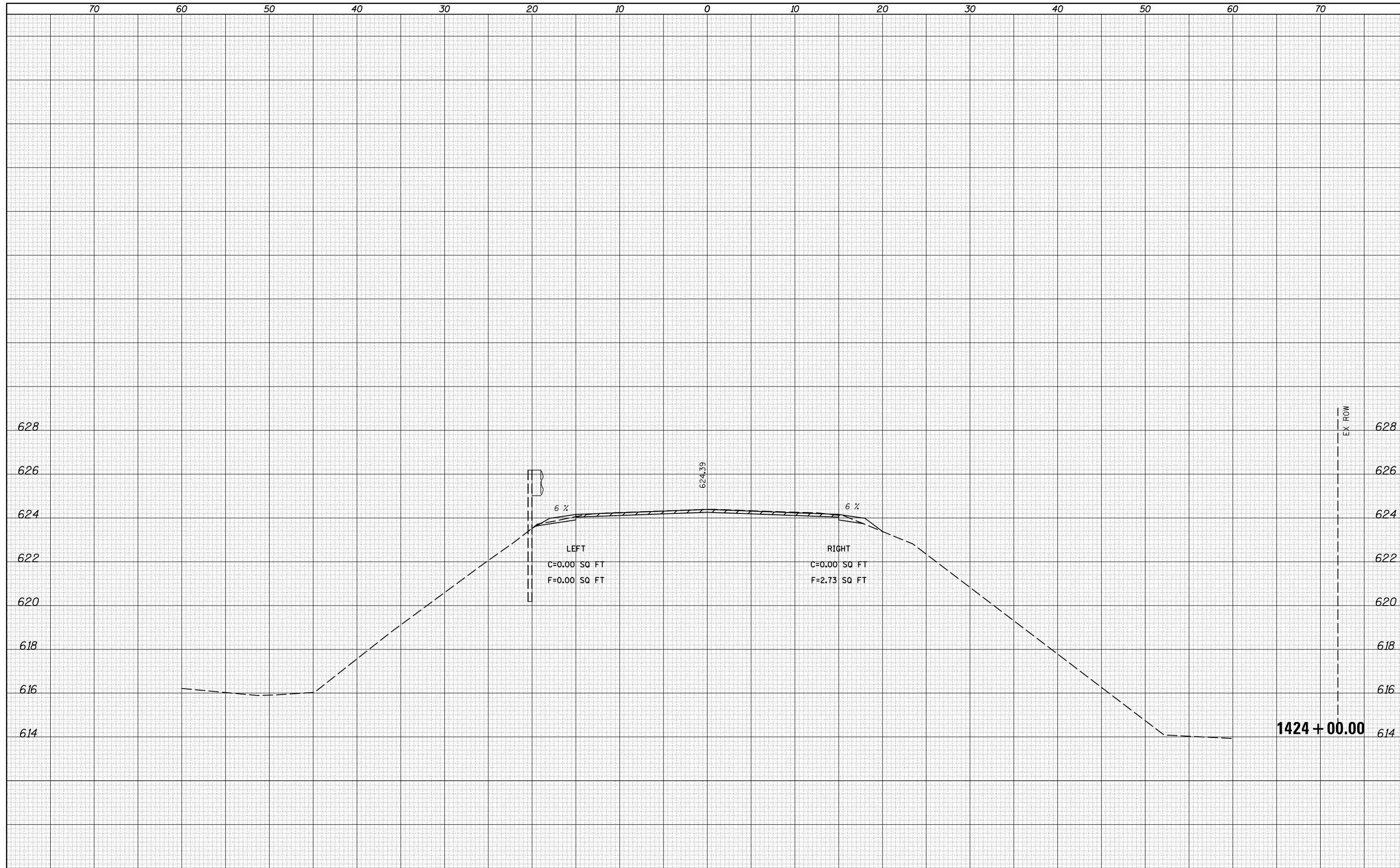
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DATE	
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FINAL SURVEY	SURVEYED
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ORIGINAL SURVEY	SURVEYED
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FILE NAME =	USER NAME = piersonbr	DESIGNED -	REVISOR -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTION SHEETS - FAP 322 (US 150/IL 1)</b> <b>S.N. 023-0004 AT STATION 1421+58.00</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\IL084EBIDINTEG\Illinois.gov\PWIDOT\Documents\IDOT Offices\District 5\Projects\0570839\CD\Design\Cross Sections\0570839-sht-13-REVISED.dgn	DRAWN	REVISOR	REVISOR		332	.	EDGAR	171	170			
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISOR -	REVISOR -		•((CX-1)RS-3 & (C-X)RS-6)BDR		CONTRACT NO.	70839				
\$MODELNAME\$	DATE -	REVISOR -	REVISOR -		SCALE:	SHEET 9	OF 10	SHEETS	STA. 1424+00.00	TO STA. 1424+00.00	ILLINOIS FED. AID PROJECT	

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FINAL SURVEY	SURVEYED
NOTE BOOK NO.	PLOTTED
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK NO.	PLOTTED
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