

03-08-2024 LETTING ITEM 163

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
FAS 0904	23-00168-00-PV	WILLIAMSON	1	40
ILLINOIS		SALINE RIVER FARMS IL 166 IMPROVEMENTS		
CONTRACT NO. 99726				

# WILLIAMSON COUNTY

## SALINE RIVER FARMS IL 166 IMPROVEMENTS

FOR INDEX OF SHEETS, SEE SHEET NO. 2

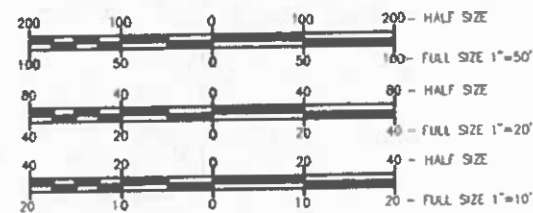
FOR LIST OF HIGHWAY STANDARDS, SEE SHEET NO. 2

COUNTY HIGHWAY DEPARTMENT - WILLIAMSON  
618-998-2145

COUNTY: WILLIAMSON  
ROUTE NO.: FAS 0904 (IL 166)  
SECTION NO.: 23-00168-00-PV  
PROJECT NO.: ----  
JOB NO.: C-99-014-24

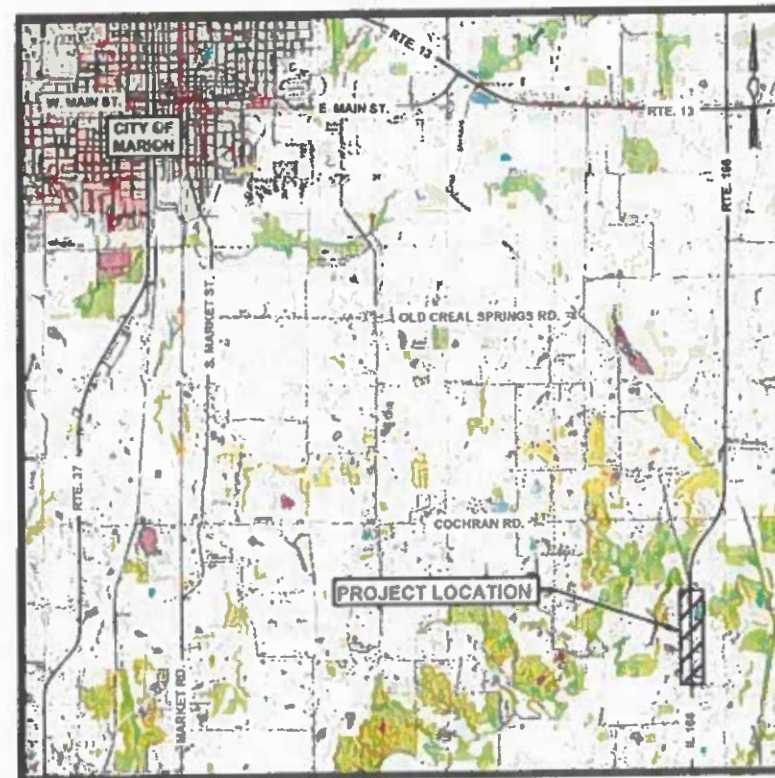
TRAFFIC DATA - IL 166  
POSTED SPEED = 55 MPH  
DESIGN SPEED = 55 MPH

ADT  
2023-1900 (13% TRUCKS)  
2043-2500 (13% TRUCKS)



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

J.U.L.I.E. - CALL BEFORE YOU DIG  
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS  
1-800-892-0123 OR 811



LOCATION MAP  
(NTS)

DEVELOPMENT NOTES

- GROSS LENGTH (IL 166) = 2662.11 FT. = 0.504 MILE
- NET LENGTH (IL 166) = 2662.11 FT. = 0.504 MILE



STATE OF ILLINOIS  
(NTS)

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		
REVIEWED	<i>DECEMBER 11</i>	20 <i>23</i>
WILLIAMSON COUNTY ENGINEER		
REVIEWED	<i>JANUARY 2</i>	20 <i>24</i>
DISTRICT 9 ENGINEER OF LOCAL ROADS & STREETS		
APPROVED	<i>[Signature]</i>	20 <i>24</i>
DEPUTY DIRECTOR OF HIGHWAYS, REGION 5 ENGINEER		

*William Brian Ziegler*  
WILLIAM BRIAN ZIEGLER, P.E.  
DATE *12/21/23*



ENGINEER:  
**HORNER SHIFRIN**

410 N COURT ST., MARION, IL 62959  
DISCIPLINE PROFESSIONAL DESIGN FIRM IS PE/ E/ E CORPORATION  
REGISTERED PROFESSIONAL ENGINEER  
HS Project # 2304600

PIRES : NOVEMBER 30, 2025




ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
FAS 0904 (IL 166)	23-00168-00-PV	WILLIAMSON	3	40
ILLINOIS		SALINE RIVER FARMS IL 166 IMPROVEMENTS		
CONTRACT NO. 99726				

## SUMMARY OF QUANTITIES

ROUTE: FAS 0904 (IL 166)  
COUNTY: WILLIAMSON  
LOCATION: RURAL  
FUNDING: 100% EDP  
TYPE CODE: 0004

CODE NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY
20200100	EARTH EXCAVATION	CU YD	9,615
20700220	POROUS GRANULAR EMBANKMENT	CU YD	83
* 25000200	SEEDING, CLASS 2	ACRE	2
* 25000350	SEEDING, CLASS 7	ACRE	2
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	180
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	180
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	180
* 25000700	AGRICULTURAL GROUND LIMESTONE	TON	4
* 25100115	MULCH, METHOD 2	ACRE	2
* 25100630	EROSION CONTROL BLANKET	SQ YD	371
28000305	TEMPORARY DITCH CHECKS	FOOT	390
28000400	PERIMETER EROSION BARRIER	FOOT	552
31100500	SUBBASE GRANULAR MATERIAL, TYPE A 6"	SQ YD	2,506
31100910	SUBBASE GRANULAR MATERIAL, TYPE A 12"	SQ YD	3,259
35501321	HOT MIX ASPHALT BASE COURSE, 9 1/4"	SQ YD	2,723
40600295	BITUMINOUS MATERIALS (TACK COAT)	POUND	4,061
40600370	LONGITUDINAL JOINT SEALANT	FOOT	5,325
40600990	TEMPORARY RAMP	SQ YD	54
40602970	HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70	TON	725
40604052	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70	TON	870
42300600	PCC DRIVEWAY PAVEMENT, 10 INCH	SQ YD	2,397
44000160	HMA SURFACE REMOVAL, 2 3/4"	SQ YD	7,691
48203029	HMA SHOULDERS, 8"	SQ YD	1,795

\* SPECIALTY ITEMS

DISCIPLINE: PROFESSIONAL ENGINEERING CERTIFICATE OF AUTHORITY: 000159	
EXPIRATION DATE: DECEMBER 31, 2023	
STATE OF ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 184-004515	
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 <b>HORNER SHIFRIN</b> 410 NORTH COURT ST, MARION, ILLINOIS 622959 618-993-6411 FAX 618-993-6750 WWW.HORNERSHIFRIN.COM	
SUMMARY OF QUANTITIES 1/2	
SALINE RIVER FARMS IL 166 IMPROVEMENTS	
WILLIAMSON COUNTY	
Date 10/2023	DR. By MKK CK'D By JZ
Scale NONE	Job No. 2304600 Sheet No. 3 of 40



### PAVEMENT SCHEDULE

LOCATION STATION to STATION	31100910 SUBBASE GRANULAR MATERIAL, TYPE A 12" SQ YD	35501321 HMA BASE COURSE, 9 1/4" SQ YD	40600295 BITUMINOUS MATERIALS (TACK COAT) POUND	40602970 HMA BINDER COURSE, IL-9.5FG, N70 TON	40604052 HMA SURFACE COURSE, IL-9.5, MIX "C", N70 TON	44000160 HMA SURFACE REMOVAL, 2 3/4" SQ YD	48203029 HMA SHOULDERS, 8" SQ YD
<b>WILLIAMSON COUNTY</b>							
<b>IL 166</b>							
LT 196+71.00 to 201+51.00	400.0	299.2	378.0	69.1	82.9	693.3	213.3
LT 201+51.00 to 218+53.11	2,458.7	2,124.0	1,574.5	317.7	381.3	2,458.6	480.6
LT 218+53.11 to 223+33.11	400.0	299.2	378.0	69.1	82.9	693.3	213.3
RT 196+71.00 to 223+33.11	0.0	0.0	312.0	48.5	58.2	693.3	160.0
RT 201+51.00 to 218+53.11	0.0	0.0	1,106.4	172.1	206.5	2,458.6	567.0
RT 218+53.11 to 223+33.11	0.0	0.0	312.0	48.5	58.2	693.3	160.0
<b>PROJECT TOTAL</b>	<b>3,259</b>	<b>2,723</b>	<b>4,061</b>	<b>725</b>	<b>870</b>	<b>7,691</b>	<b>1,795</b>

### TEMPORARY DITCH CHECKS

LOCATION STATION to STATION	28000305 TEMPORARY DITCH CHECKS FOOT	COMMENTS
<b>WILLIAMSON COUNTY</b>		
<b>IL 166</b>		
LT 197+00.00 to 200+00.00	110	11 @ 30 ft intervals
LT 200+00.00 to 200+80.00	20	2 @ 40 ft intervals
LT 200+80.00 to 201+80.00	20	2 @ 50 ft intervals
LT 201+80.00 to 203+80.00	20	2 @ 100 ft intervals
LT 205+90.00 to 206+48.00	40	4 @ 14 ft intervals
LT 206+48.00 to 208+58.00	70	7 @ 30 ft intervals
LT 209+58.00	10	
LT 213+50.00	10	
LT 214+25.00 to 217+00.00	90	9 @ 40 ft intervals
<b>PROJECT TOTAL</b>	<b>390</b>	

### EROSION CONTROL & SEEDING

LOCATION STATION to STATION	25000200 SEEDING, CLASS 2 ACRE	25000350 SEEDING, CLASS 7 ACRE	25000400 NITROGEN FERTILIZER NUTRIENT POUND	25000500 PHOSPHOROUS FERTILIZER NUTRIENT POUND	25000600 POTASSIUM FERTILIZER NUTRIENT POUND	25000700 AGRICULTURAL GROUND LIMESTONE TON	25100115 MULCH, METHOD 2 ACRE	25100630 EROSION CONTROL BLANKET SQ YD	28000400 PERIMETER EROSION BARRIER FOOT
<b>WILLIAMSON COUNTY</b>									
<b>IL 166</b>									
LT 196+71.00 to 207+37.52	1.05	1.05	94.5	94.5	94.5	2.1	1.05	344	
LT 196+71.00 to 197+25.00									54
LT 204+50.00 to 206+50.00									265
LT 207+37.52 to 211+51.33	0.40	0.40	36.0	36.0	36.0	0.8	0.40		
LT 211+51.33 to 217+34.05	0.40	0.40	36.0	36.0	36.0	0.8	0.40		
LT 216+50.00 to 217+50.00									233
LT 217+34.05 to 223+33.11	0.15	0.15	13.5	13.5	13.5	0.3	0.15	27	
<b>PROJECT TOTAL</b>	<b>2.00</b>	<b>2.00</b>	<b>180</b>	<b>180</b>	<b>180</b>	<b>4.0</b>	<b>2.00</b>	<b>371</b>	<b>552</b>

### ENTRANCES

LOCATION	LENGTH (FROM EDGE OF PVT) FOOT	WIDTH FOOT	31100500 SUBBASE GRANULAR MATERIAL, TYPE A 6" SQ YD	42300600 PCC DRIVEWAY PAVEMENT, 10 INCH SQ YD
<b>WILLIAMSON COUNTY</b>				
<b>IL 166</b>				
NORTH ENTRANCE	93.0	35.5	758	725
CENTRAL ENTRANCE	118.0	37.0	905	866
SOUTH ENTRANCE	101.0	40.0	843	806
<b>PROJECT TOTAL</b>			<b>2,506</b>	<b>2,397</b>

\* SEE DETAIL FOR RADIUS

### EARTHWORK

LOCATION STATION to STATION	20200100 EARTH EXCAVATION CU YD	FOR INFORMATION ONLY			
	AVERAGE SHRINKAGE FACTOR %	EARTH EXCAVATION (ADJUSTED) CU YD	EMBANKMENT CU YD	EARTHWORK BALANCE WASTE(+) SHORTAGE(-) CU YD	
<b>WILLIAMSON COUNTY</b>					
<b>IL 166</b>					
196+71.00 to 223+33.11	9,615	15	8,173	2,207	5,966
<b>PROJECT TOTAL</b>	<b>9,615</b>		<b>8,173</b>	<b>2,207</b>	<b>5,966</b>

### LONGITUDINAL JOINT SEALANT

LOCATION STATION to STATION	DESCRIPTION	40600370 LJS FOOT
<b>WILLIAMSON COUNTY</b>		
<b>IL 166</b>		
196+71.00 to 223+33.11	CENTERLINE	2,662.1
196+71.00 to 223+33.11	LEFT EOP	2,662.1
<b>PROJECT TOTAL</b>		<b>5,325</b>

DISCIPLINE: PROFESSIONAL ENGINEERING CERTIFICATE OF AUTHORITY: 000159  
 EXPIRATION DATE: DECEMBER 31, 2023  
 STATE OF ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 184-004515  
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**HORNER SHIFRIN**  
 410 NORTH COURT ST,  
 MARION, ILLINOIS 622959  
 618-993-6411 FAX 618-993-6750  
 WWW.HORNERSHIFRIN.COM

SCHEDULES 1/2  
 SALINE RIVER FARMS IL 166 IMPROVEMENTS  
 WILLIAMSON COUNTY


Date 10/2023 DR. By MKK CK'D By JZ  
 Scale NONE Job No. 2304600 Sheet No. 5 of 40

# PAVEMENT MARKING

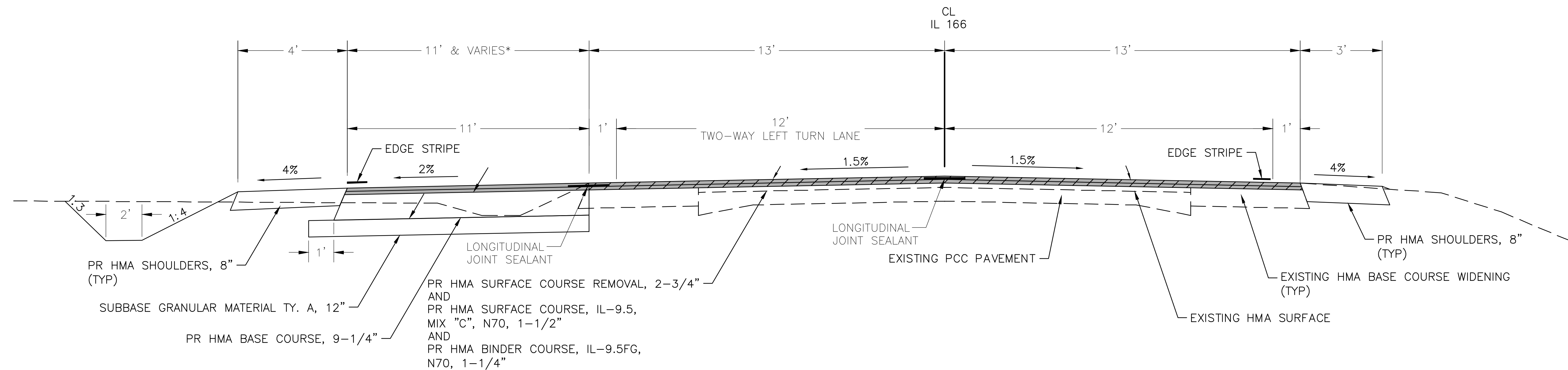
ROUTE NO. FAS 0904 (IL 166)	SECTION 23-00168-00-PV	COUNTY WILLIAMSON	SHEET NO. 6	TOTAL SHEETS 40
ILLINOIS		SALINE RIVER FARMS IL 166 IMPROVEMENTS		
CONTRACT NO. 99726				

LOCATION STATION to STATION	DESCRIPTION	78000100	78000200		78000500	78000600	78100100			70300100		70300150	70300211	70300221		70300251	
		THERMOPLASTIC PAVEMENT MARKING -						RAISED REFLECTIVE PAVEMENT MARKERS			SHORT TERM PAVEMENT MARKING		SHORT TERM PVMT MRKG REMOVAL	TEMPORARY PAVEMENT MARKING-			
		LETTERS AND SYMBOLS	LINE 4"		LINE 8"	LINE 12"	ONE WAY	TWO WAY	ONE WAY	LINE 4"		LINE 4"	L & S -PAINT	LINE 4"-PAINT		LINE 8" - PAINT	
		WHITE SQ FT	WHITE FOOT	YELLOW FOOT	YELLOW FOOT	WHITE FOOT	AMBER EACH	AMBER EACH	CRYSTAL EACH	WHITE FOOT	YELLOW FOOT	SQ FT	WHITE SQ FT	WHITE FOOT	YELLOW FOOT	YELLOW FOOT	
<b>IL 166</b>																	
196+71.00 to 223+33.11	CENTERLINE									726	242						
196+71.00 to 223+33.11	LEFT EOP		2,662							726	242			2,662			
196+71.00 to 223+33.11	RIGHT EOP		2,662											2,662			
196+71.00 to 204+16.00	DIAGONAL				291											291	
196+71.00 to 204+16.00	DBL YELLOW			2,903			38								2,903		
204+16.00 to 206+81.00	LTL	46.8	265	530				14	7				46.8	265	530		
208+53.00 to 218+53.11	TWLTL-EDGE			2,004				50							2,004		
208+78.00	TWLTL-DBL ARROWS	31.2											31.2				
211+08.00	TWLTL-DBL ARROWS	31.2											31.2				
213+38.00	TWLTL-DBL ARROWS	31.2											31.2				
215+68.00	TWLTL-DBL ARROWS	31.2											31.2				
217+98.00	TWLTL-DBL ARROWS	31.2											31.2				
208+53.00 to 218+53.11	TWLTL-SKIP DASH			500											500		
218+53.11 to 223+33.11	DIAGONAL				197											197	
218+53.11 to 223+33.11	DBL YELLOW			1877			26								1877		
<b>NORTH ENTRANCE</b>																	
	STOP BAR				71												
	DBL YELLOW			157													
<b>CENTRAL ENTRANCE</b>																	
	STOP BAR				78												
	DBL YELLOW			206													
<b>SOUTH ENTRANCE</b>																	
	STOP BAR				78												
	DBL YELLOW			172													
			5,589	8,349			64	64	7	726	726			5,589	7,814		
<b>PROJECT TOTAL</b>		<b>202.8</b>	<b>13,938</b>		<b>488</b>	<b>227</b>	<b>135</b>			<b>1,452</b>		<b>484</b>	<b>202.8</b>	<b>13,403</b>		<b>488</b>	

P:\2304600-SalineRiverFarmRte166\Drawings - Plans\4-Schedules.dwg 12-21-23 03:38:41 PM mklcrumrey

DISCIPLINE: PROFESSIONAL ENGINEERING CERTIFICATE OF AUTHORITY: 000159 EXPIRATION DATE: DECEMBER 31, 2023	
STATE OF ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 184-004515	
REVISIONS	© 2023 ALL RIGHTS RESERVED
DATE	 <b>HORNER SHIFRIN</b> 410 NORTH COURT ST, MARION, ILLINOIS 622959 618-993-6411 FAX 618-993-6750 WWW.HORNERSHIFRIN.COM
	SCHEDULES 2/2 SALINE RIVER FARMS IL 166 IMPROVEMENTS WILLIAMSON COUNTY
Date 10/2023	DR. By MKK CK'D By JZ
Scale NONE	Job No. 2304600 Sheet No. 6 of 40

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
FAS 0904 (IL 166)	23-00168-00-PV	WILLIAMSON	7	40
ILLINOIS		SALINE RIVER FARMS IL 166 IMPROVEMENTS		
CONTRACT NO. 99726				



**PROPOSED TYPICAL**

STA. 196+71.00 TO STA. 223+33.11

\* VARIABLE WIDENING FROM  
 0' @ STA. 196+71.00 TO  
 11' @ STA. 201+51.00  
 AND  
 11' @ STA. 218+53.11 TO  
 0' @ STA. 223+33.11

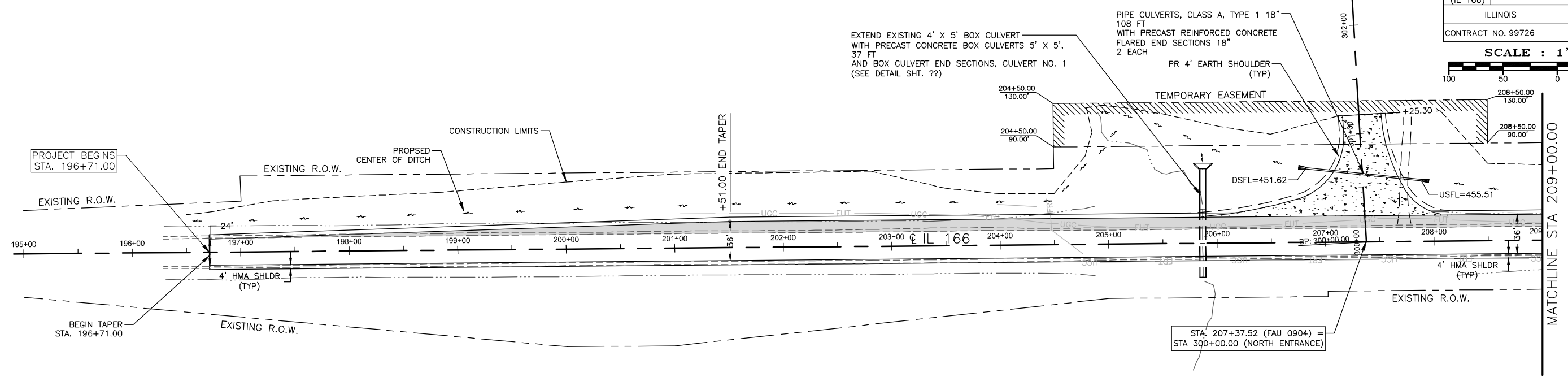
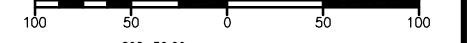
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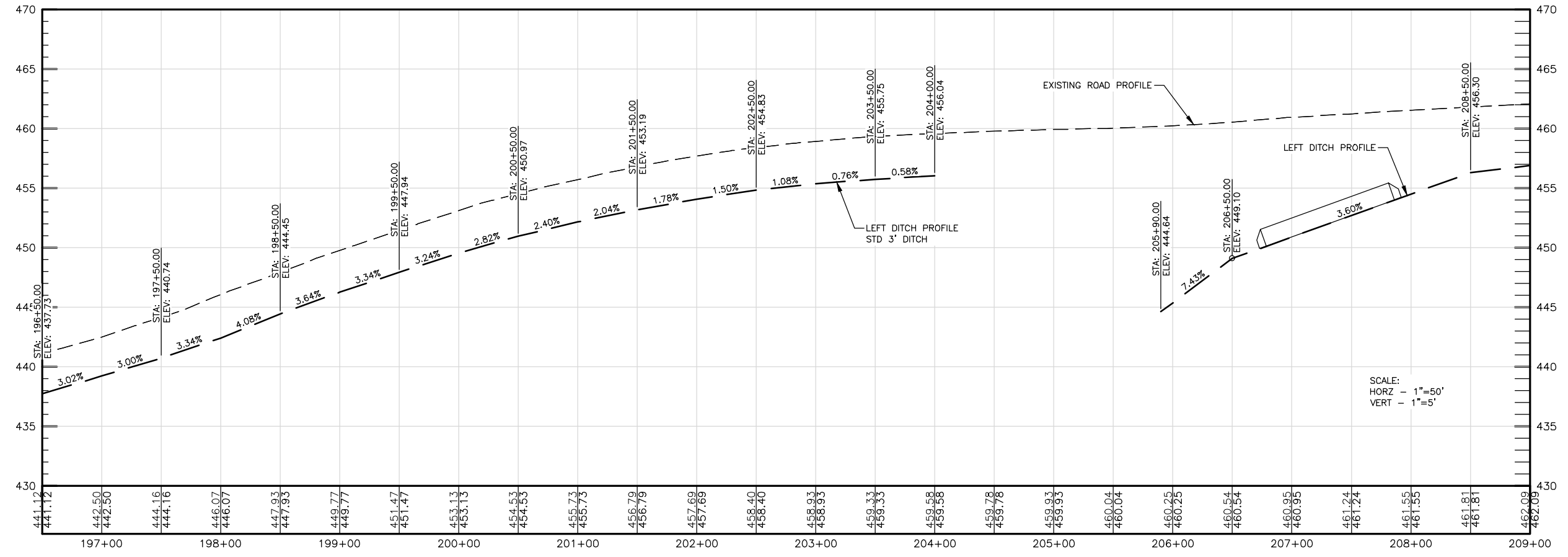
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FAS 0904 (IL 166)	23-00168-00-PV	WILLIAMSON	9	40
ILLINOIS		SALINE RIVER FARMS IL 166 IMPROVEMENTS		
CONTRACT NO. 99726				

SCALE: 1" = 50'



**LEGEND**

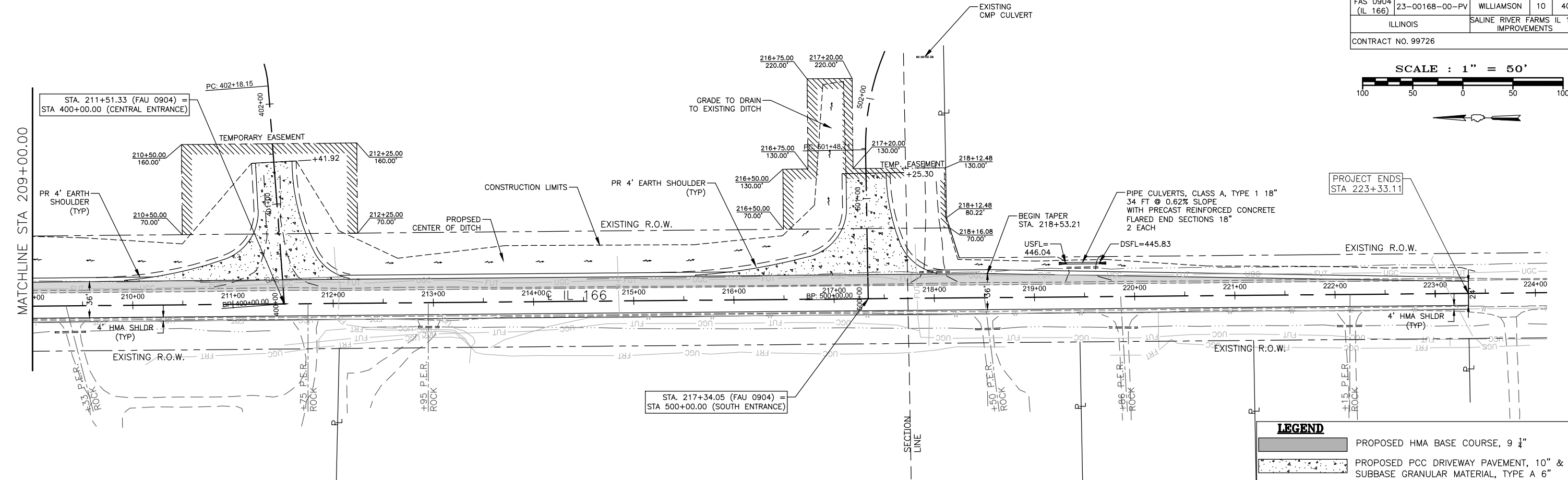
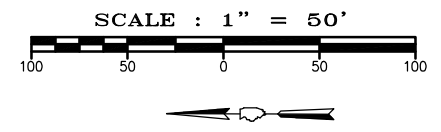
	PROPOSED HMA BASE COURSE, 9 1/4"
	PROPOSED PCC DRIVEWAY PAVEMENT, 10" & SUBBASE GRANULAR MATERIAL, TYPE A 6"



SCALE:  
 HORZ - 1"=50'  
 VERT - 1"=5'

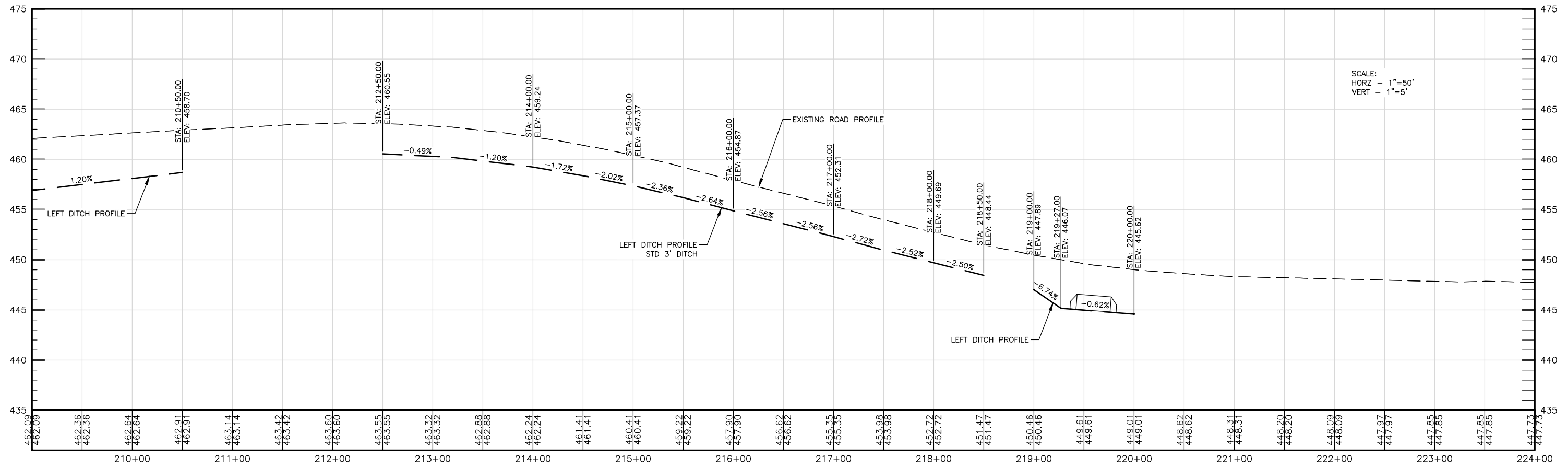
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ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
FAS 0904 (IL 166)	23-00168-00-PV	WILLIAMSON	10	40
ILLINOIS		SALINE RIVER FARMS IL 166 IMPROVEMENTS		
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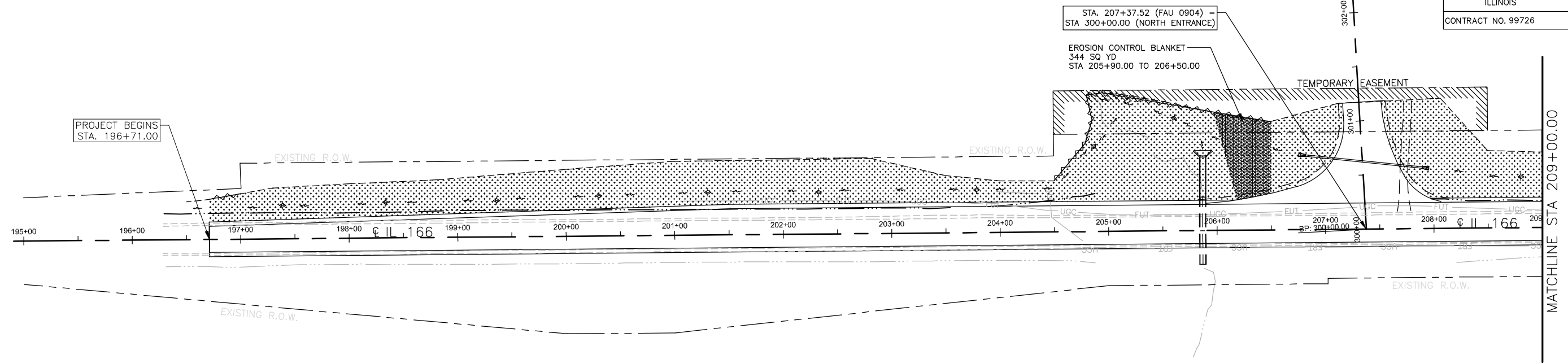
**LEGEND**

- PROPOSED HMA BASE COURSE, 9 1/4"
- PROPOSED PCC DRIVEWAY PAVEMENT, 10" & SUBBASE GRANULAR MATERIAL, TYPE A 6"







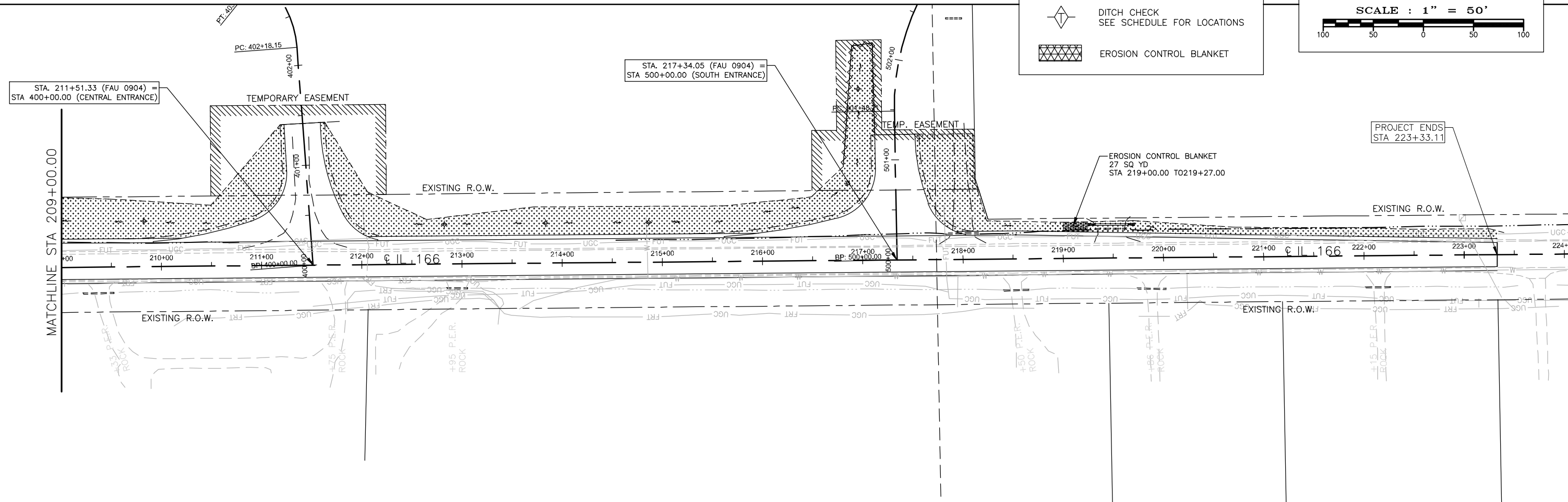
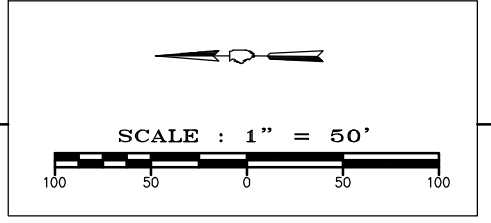
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ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
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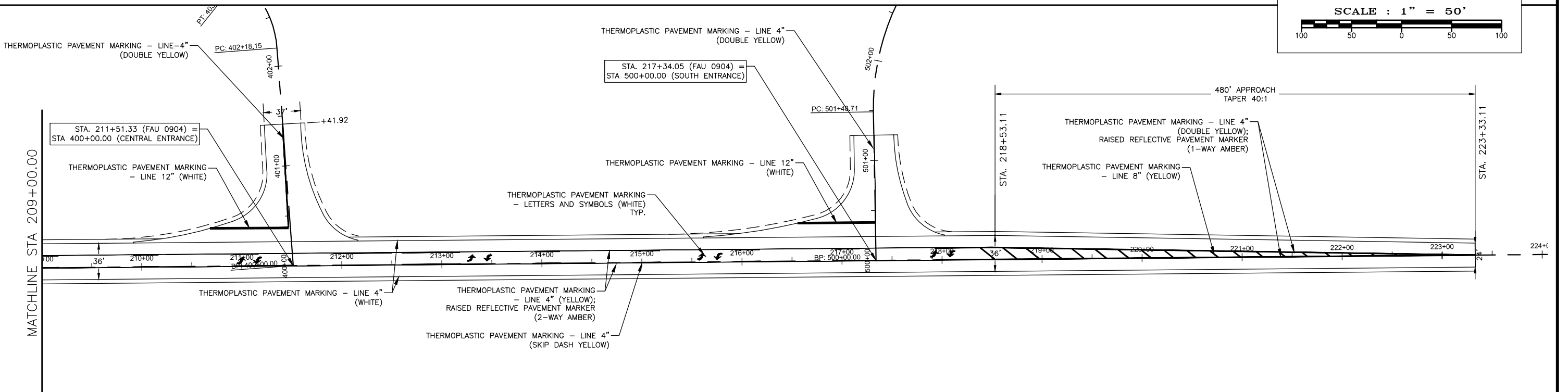
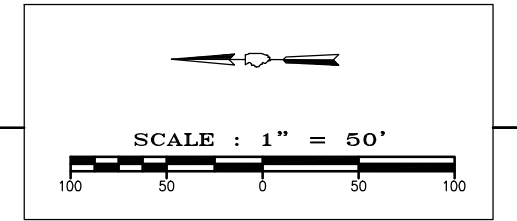
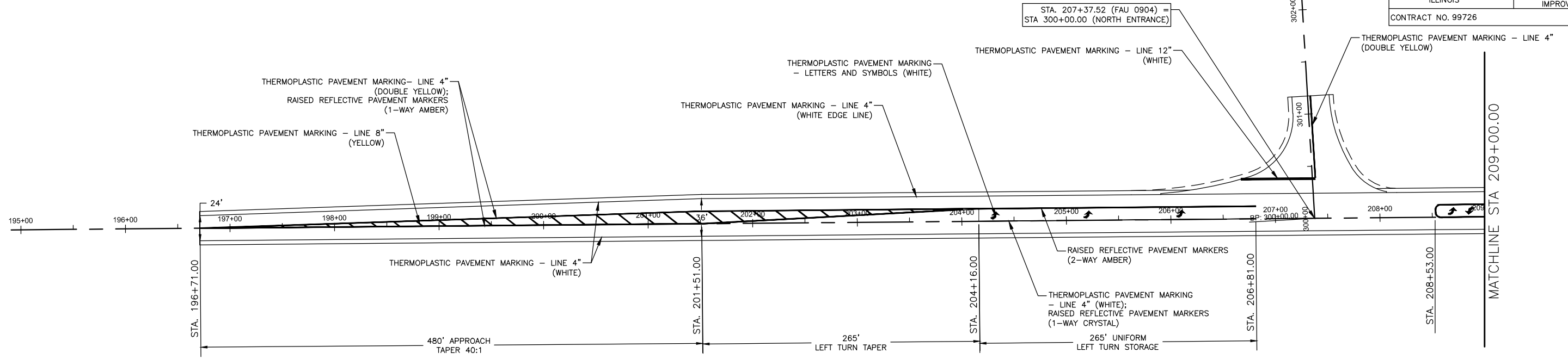
**LEGEND**

-  SEEDING
-  PERIMETER EROSION BARRIER
-  DITCH CHECK  
SEE SCHEDULE FOR LOCATIONS
-  EROSION CONTROL BLANKET



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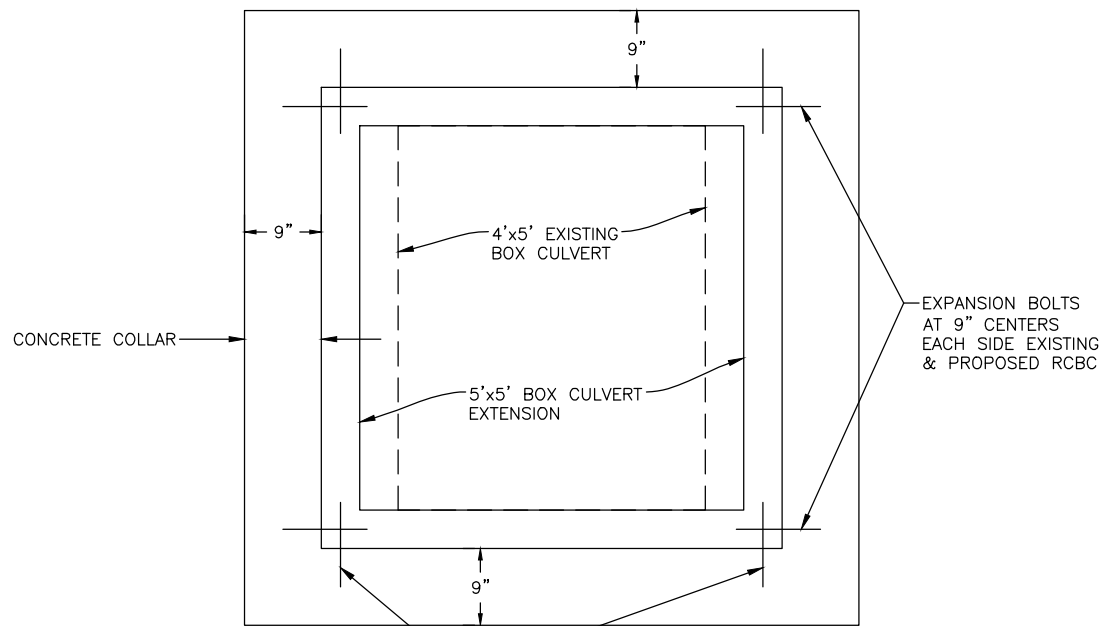
ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
FAS 0904 (IL 166)	23-00168-00-PV	WILLIAMSON	12	40
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CONTRACT NO. 99726				



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# CONCRETE COLLAR AND EXPANSION BOLTS FOR 4'x5' BOX CULVERT EXTENSION

## END VIEW



EXPANSION BOLTS AT 9" CENTERS TOP & BOTTOM EXISTING & PROPOSED RCBC

EXPANSION BOLTS SHALL CONSIST OF SELF DRILLING EXPANSION SHIELDS AND 3/4" Ø HOOKED BOLTS. HOOKED BOLTS SHALL EXTEND A MINIMUM OF 9" INTO NEW CONCRETE.

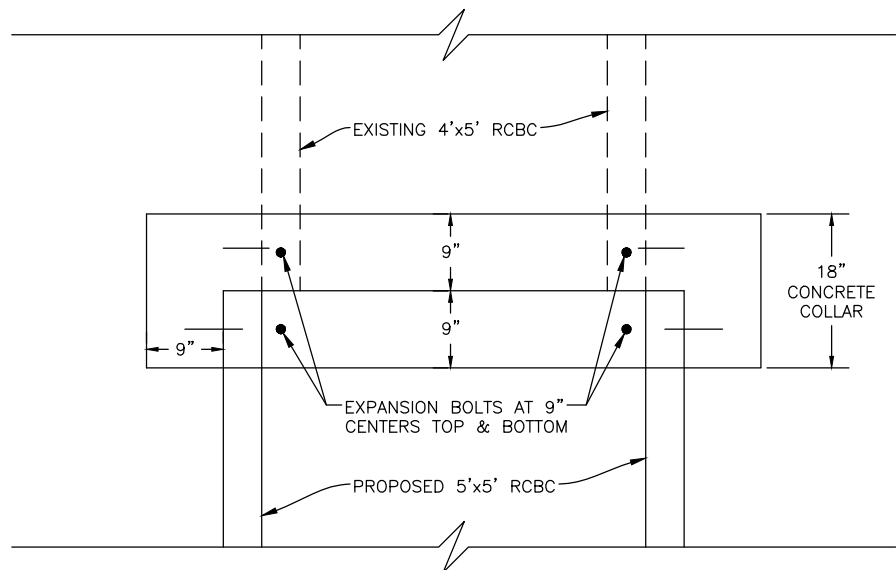
MINIMUM CERTIFIED PROOF LOAD = 7,500 LBS.

EXPANSION BOLTS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR - EXPANSION BOLTS, 3/4" INCH.

THE CONCRETE COLLAR SHALL BE CONSIDERED INCLUDED IN PRECAST CONCRETE BOX CULVERT, WHICH PRICE SHALL INCLUDE THE REMOVAL OF SUCH PORTIONS OF THE EXISTING HEADWALLS AS MAY BE REQUIRED. CLASS SI CONCRETE SHALL BE USED THROUGHOUT.

FOR ANCHOR BOLT REQUIREMENTS, SEE ARTICLE 1006.09 OF THE STANDARD SPECIFICATIONS.

## TOP VIEW



EXISTING 4'x5' RCBC

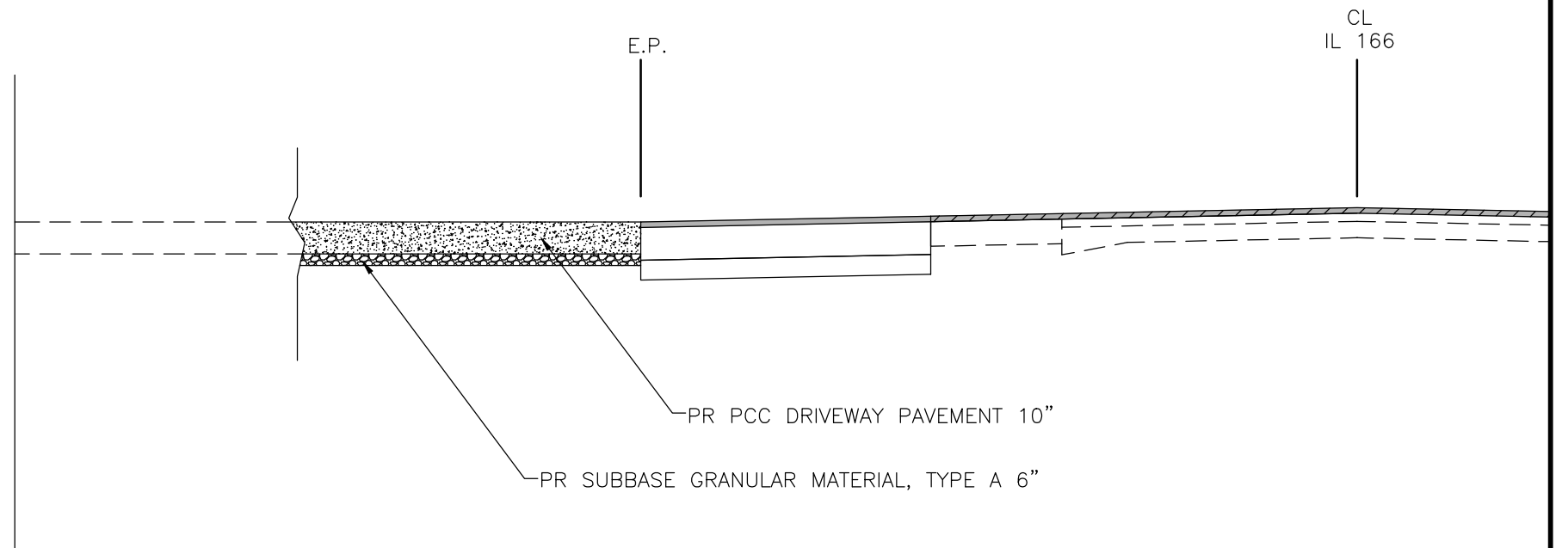
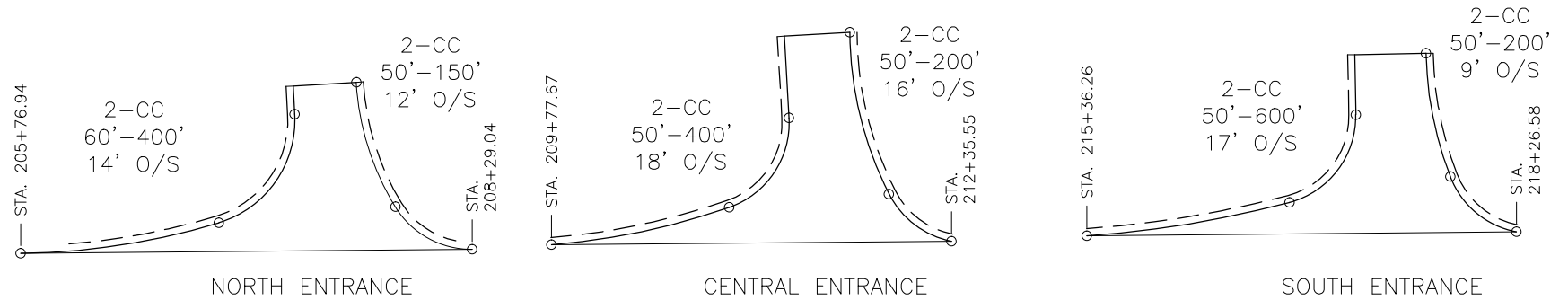
EXPANSION BOLTS AT 9" CENTERS TOP & BOTTOM

PROPOSED 5'x5' RCBC

18" CONCRETE COLLAR

## COMMERCIAL ENTRANCE DETAIL

TO BE USED:  
NORTH ENTRANCE  
CENTRAL ENTRANCE  
SOUTH ENTRANCE



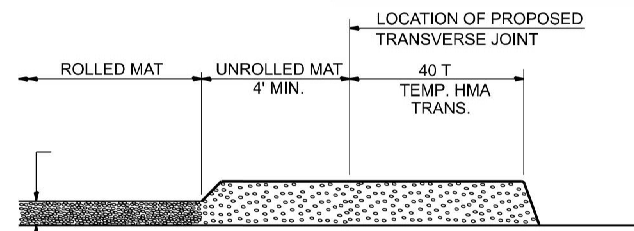
1. SEE PLAN SCHEDULES FOR DIMENSIONS AND QUANTITIES.
2. SEE CROSS SECTIONS FOR PROPOSED PROFILE OF ENTRANCES.
3. THE SAWING OF ALL JOINTS IN PCC DRIVEWAY PAVEMENT AT ALL LOCATIONS DESIGNATED BY THE ENGINEER SHALL BE CONSIDERED INCIDENTAL TO THE COST OF THE PCC DRIVEWAY PAVEMENT.

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
FAS 0904 (IL 166)	23-00168-00-PV	WILLIAMSON	13	40
ILLINOIS		SALINE RIVER FARMS IL 166 IMPROVEMENTS		
CONTRACT NO. 99726				

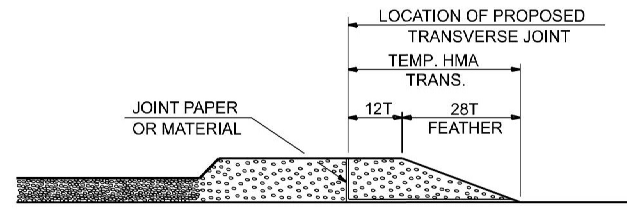
DISCIPLINE: PROFESSIONAL ENGINEERING CERTIFICATE OF AUTHORITY: 000159 EXPIRATION DATE: DECEMBER 31, 2023					
STATE OF ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 184-004515					
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 410 NORTH COURT ST, MARION, ILLINOIS 622959 618-993-6411 FAX 618-993-6750 WWW.HORNERSHIFRIN.COM					
DETAILS 1/5 SALINE RIVER FARMS IL 166 IMPROVEMENTS WILLIAMSON COUNTY					
Date	10/2023	DR. By	MKK	CK'D By	JZ
Scale	N.T.S.	Job No.	2304600	Sheet No.	13 of 40

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
FAS 0904 (IL 166)	23-00168-00-PV	WILLIAMSON	14	40
ILLINOIS		SALINE RIVER FARMS IL 166 IMPROVEMENTS		
CONTRACT NO. 99726				

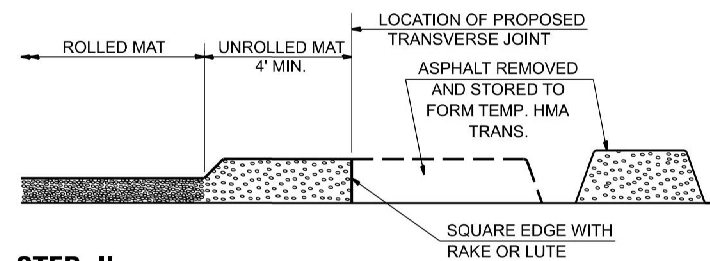
### TEMPORARY HOT-MIX ASPHALT TRANSITIONS



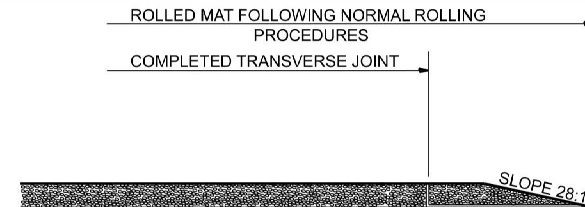
- STEP I**
- PLACE HOT-MIX ASPHALT MAT, LENGTH 40 TIMES THE THICKNESS OF THE MAT BEING PLACED PAST THE PROPOSED TRANSVERSE JOINT LOCATION USING NORMAL OPERATING PROCEDURES.
  - EXTREME CARE SHOULD BE TAKEN TO MAINTAIN ENOUGH MATERIAL IN FRONT OF THE SCREED TO MAINTAIN REQUIRED PAVING DEPTH.



- STEP III**
- JOINT PAPER OR OTHER PRESELECTED JOINT MATERIAL IS THEN PLACED IN THE CLEARED AREA AND THE EXCESS ASPHALT USED TO HAND FORM A TRANSITION TO THE DIMENSIONS SHOWN ABOVE.
  - NOTE THAT IN CONSTRUCTING THE TRANSITION, THE MAT DEPTH IS CONTINUED AS PART OF THE TRANSITION BEFORE FORMING THE FEATHER.



- STEP II**
- MOVE THE PAVER OUT OF THE WAY AND REMOVE THE ASPHALT FROM THE AREA OF THE PROPOSED TEMPORARY HOT-MIX ASPHALT TRANSITION.
  - SQUARE UP THE END OF THE MAT WITH A RAKE OR LUTE.
  - NOTE THAT THE MAT WITHIN 4' OF THE END OF JOINT IS NOT TO BE ROLLED AT THIS TIME.

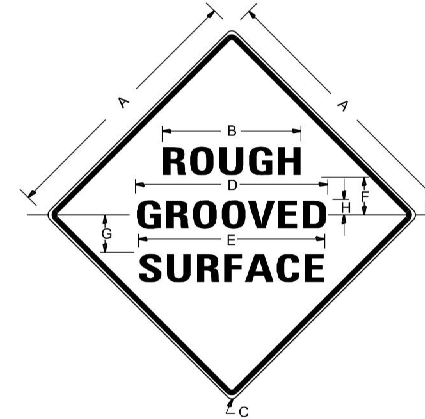


- STEP IV**
- COMPLETE TEMPORARY TRANSITION BY ROLLING.
  - TO RESUME PAVING, AT THE JOINT, REMOVE TEMPORARY TRANSITION AND DISPOSE OF THE MATERIAL ACCORDING TO ART. 202.03 OF THE STD. SPECS. (COST INCLUDED IN THE CONTRACT).
  - CONSTRUCTING THE TEMPORARY TRANSITIONS WILL NOT BE PAID FOR SEPARATELY IN ACCORDANCE WITH ARTICLE 406.14 OF THE STANDARD SPECIFICATIONS.

DRAWN	02-15-19
REVISED	01-09-20
REVISED	10-21-22
REVISED	05-26-23

STD. 9-18

### ILLINOIS STANDARD ROUGH GROOVED SURFACE SIGN



#### COLORS

LEGEND AND BORDER- BLACK NON-REFLECTORIZED  
BACKGROUND- ORANGE REFLECTORIZED

SIGN SIZE	DIMENSIONS						
	A	B	C	D	E	F	H
48X48	48.0	24.1	3.0	34.0	33.0	6.0	13.0

SIGN SIZE	SERIES LINES			MARGIN	BORDER	BLANK STD.
	1	2	3			
48X48	7C	7C	7C	0.8	1.2	B4-48D

ALL DIMENSIONS IN INCHES

#### NOTES

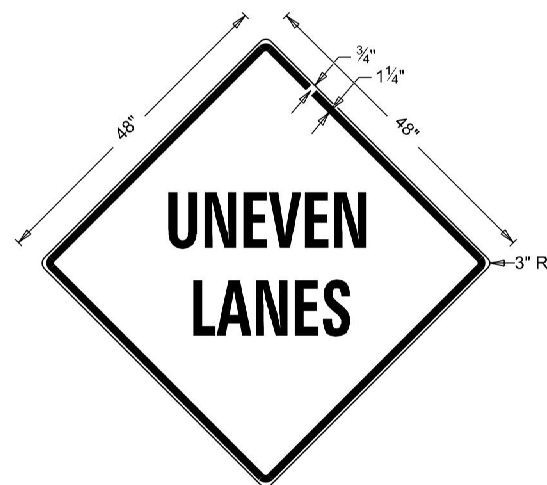
PRIOR TO ALLOWING TRAFFIC ON ANY PORTION OF THE ROADWAY THAT HAS BEEN COLDMILLED, THE CONTRACTOR SHALL HAVE ERECTED "ROUGH GROOVED SURFACE" SIGNS THAT CONFORM TO THE ABOVE DETAILS. A MINIMUM OF ONE SIGN AT EACH END OF THE IMPROVEMENT WILL BE REQUIRED. THE CONTRACTOR SHALL MAINTAIN THE "ROUGH GROOVED SURFACE" SIGNS UNTIL THE COLDMILLED SURFACE IS COVERED WITH LEVELING BINDER OR SURFACE COURSE.

IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER. THE COST OF FURNISHING, ERECTING, MAINTAINING, AND REMOVING THE REQUIRED SIGNS SHALL BE INCLUDED IN THE CONTRACT.

DRAWN	02-15-89
REVISED	03-27-08
REVISED	10-21-21
REVISED	05-27-22

STD. 9-23

### UNEVEN LANES SIGN W8-11 (48" X 48")



#### COLORS:

LEGEND AND BORDER - BLACK NON-REFLECTORIZED  
BACKGROUND - ORANGE REFLECTORIZED

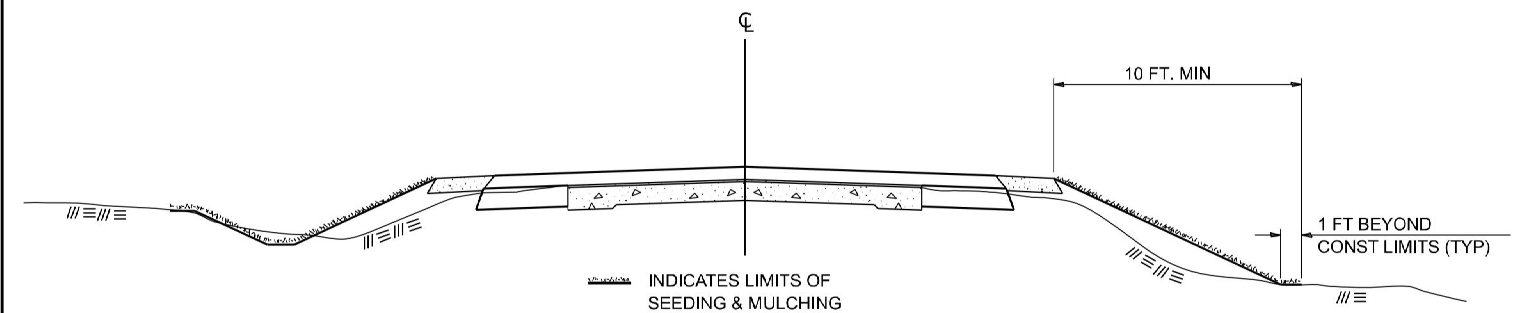
**NOTE:** PRIOR TO ALLOWING TRAFFIC ON ANY PORTION OF THE ROADWAY THAT HAS BEEN COLDMILLED OR BEFORE RESURFACING OPERATIONS BEGIN, THE CONTRACTOR SHALL HAVE ERECTED "UNEVEN PAVEMENT" SIGNS THAT CONFORM TO THE ABOVE DETAILS. A MINIMUM OF ONE SIGN AT EACH END OF THE IMPROVEMENT WILL BE REQUIRED. THE CONTRACTOR SHALL MAINTAIN THE "UNEVEN PAVEMENT" SIGNS UNTIL THE RESURFACING OPERATIONS ARE COMPLETED.

IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

THE COST OF FURNISHING, ERECTING, MAINTAINING, AND REMOVING THE REQUIRED SIGNS SHALL BE INCLUDED IN THE CONTRACT.

DRAWN 02-15-19

### SEEDING & MULCHING



#### GENERAL NOTES (FOR SEEDING AND MULCHING)

IN GENERAL, ALL EARTH SURFACES DISTURBED DURING CONSTRUCTION OPERATIONS SHALL BE SEEDED AND MULCHED UPON COMPLETION OF ALL GRADING OPERATIONS.

ON DETOUR ROADS, SLOPES SHALL BE SEEDED IMMEDIATELY UPON COMPLETION OF ANY GIVEN STAGE GRADING. TEMPORARY SEEDING SHALL BE CLASS 7.

FERTILIZER NUTRIENTS SHALL BE APPLIED TO ALL SEEDED AREAS. LIMESTONE SHALL BE APPLIED TO ALL AREAS OF FINAL SEEDING.

THE RATES OF APPLICATION OF FERTILIZER, MULCH AND LIMESTONE SHALL BE AS SPECIFIED IN THE SPECIAL PROVISIONS FOR ROAD AND BRIDGE CONSTRUCTION.

SECTIONS 250 AND 251 SHALL GOVERN THIS WORK EXCEPT AS SPECIFIED HEREIN OR AS NOTED IN THE SPECIAL PROVISIONS.

STD. 9-19

DISCIPLINE: PROFESSIONAL ENGINEERING CERTIFICATE OF AUTHORITY: 000159	
EXPIRATION DATE: DECEMBER 31, 2023	
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DETAILS - 2/5	
SALINE RIVER FARMS IL 166 IMPROVEMENTS	
WILLIAMSON COUNTY	
Date	10/2023
DR. By	MKK
CK'D By	JZ
Scale	NONE
Job No.	2304600
Sheet No.	14 of 40

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
FAS 0904 (IL 166)	23-00168-00-PV	WILLIAMSON	15	40
ILLINOIS		SALINE RIVER FARMS IL 166 IMPROVEMENTS		
CONTRACT NO. 99726				

### INDEX OF SHEETS

- General Plan and Elevation
3. Precast Concrete Box Culvert Apron End Section Details

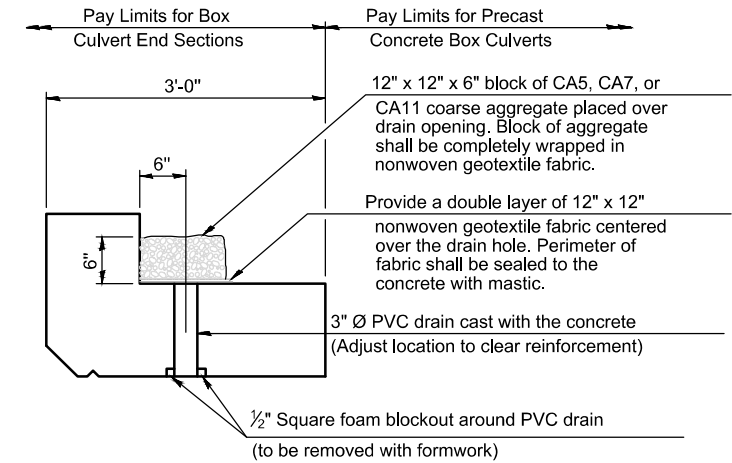
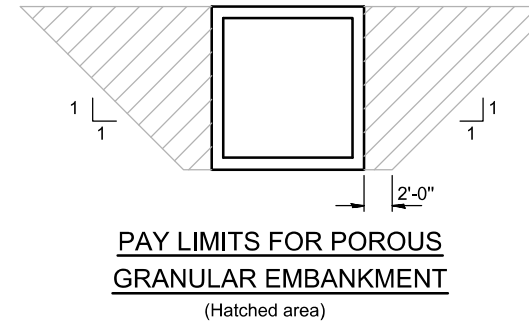
### GENERAL NOTES

The design fill height for this box is ft. The precast box culvert sections shall conform to the requirements of ASTM C 1577.

Drain holes shall be provided on exterior culvert walls for each precast box segment with a clear rise greater than 3 ft. The drain hole shall be located within 1/3 of the clear rise of the box culvert, shall not intercept the haunch, and shall conform to the requirements of Article 503.11 of the Standard Specification.

Nonwoven geotextile fabric shall conform to the requirements of Art. 1080.01 of the Standard Specifications. The minimum weight of the fabric shall be 6 ounces per square yard.

Precast concrete box culverts and box culvert end sections shall be backfilled with Porous Granular Embankment in the required excavation areas on the sides of the box culvert from the top of the box culvert to the bottom of the box culvert. This area of PGE is included in the Porous Granular Embankment pay item. The 6-inch thick layer of porous granular material required under the precast concrete box culvert, according to Section 540.06 of the standard specifications, shall also apply to the end sections. Cost of this porous granular material will not be paid for separately but shall be included in the unit price of the work for which it is required.



### DRAIN DETAIL

(All costs associated with furnishing and constructing the above drain detail will not be measured for payment but shall be included in the contract unit price for the associated work.)

### TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Removal of Existing Structures	Each	
Name Plates	Each	
Box Culvert End Sections, Culvert No. 1	Each	1
Precast Concrete Box Culverts, 5' x 5'	Foot	37
Porous Granular Embankment	Cu. Yd.	83

### GENERAL PLAN AND ELEVATION

IL RTE. 166

F.A.S. RTE. 0904

SEC. 23-00168-00-PV

WILLIAMSON COUNTY

STATION 205+86.87

DISCIPLINE: PROFESSIONAL ENGINEERING CERTIFICATE OF AUTHORITY: 000159 EXPIRATION DATE: DECEMBER 31, 2023		
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DETAILS 3/5 SALINE RIVER FARMS IL 166 IMPROVEMENTS WILLIAMSON COUNTY		
Date	DR. By	CK'D By
10/2023	MKK	JZ
Scale	Job No.	Sheet No.
N.T.S.	2304600	15 of 40

### PROFILE GRADE

### DESIGN SPECIFICATIONS

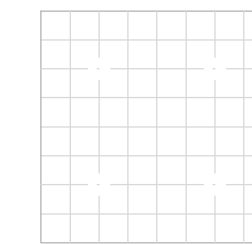
2020 AASHTO LRFD Bridge Design Specifications  
Customary U.S. Units, 9th Edition

### LOADING HL-93

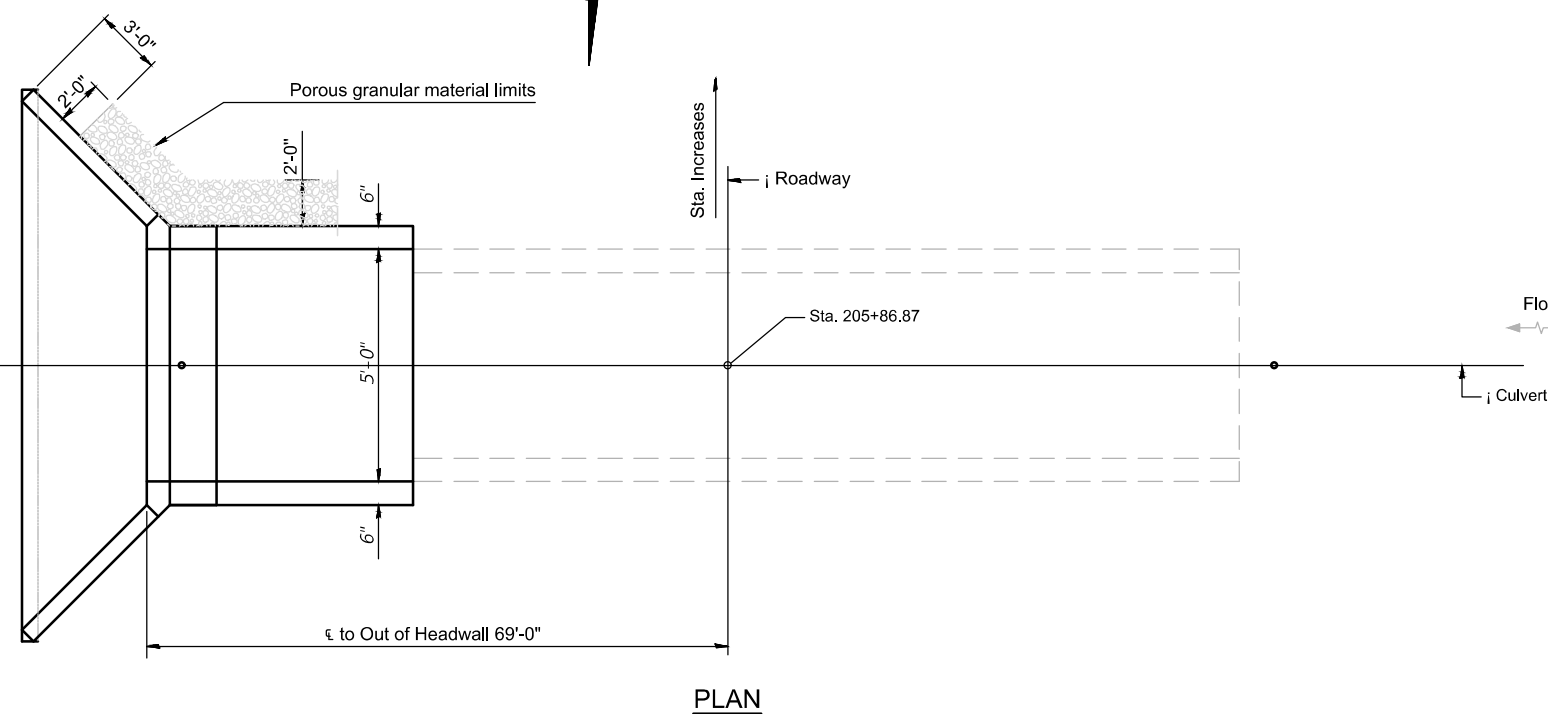
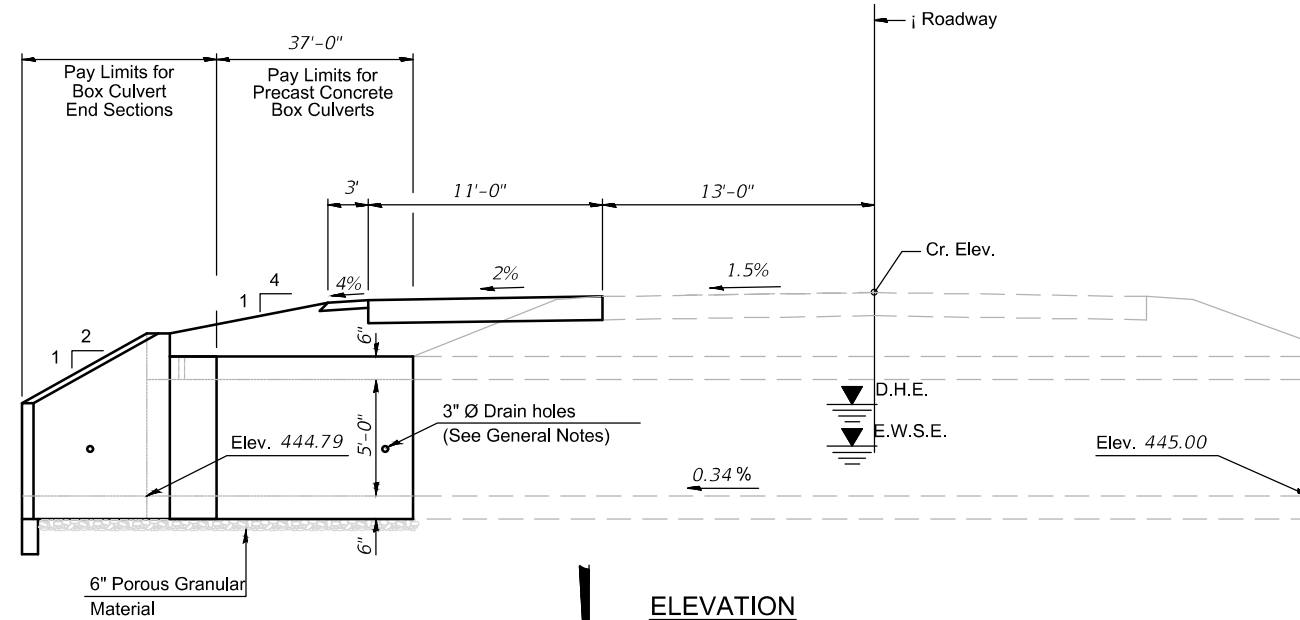
### DESIGN STRESSES

#### PRECAST UNITS

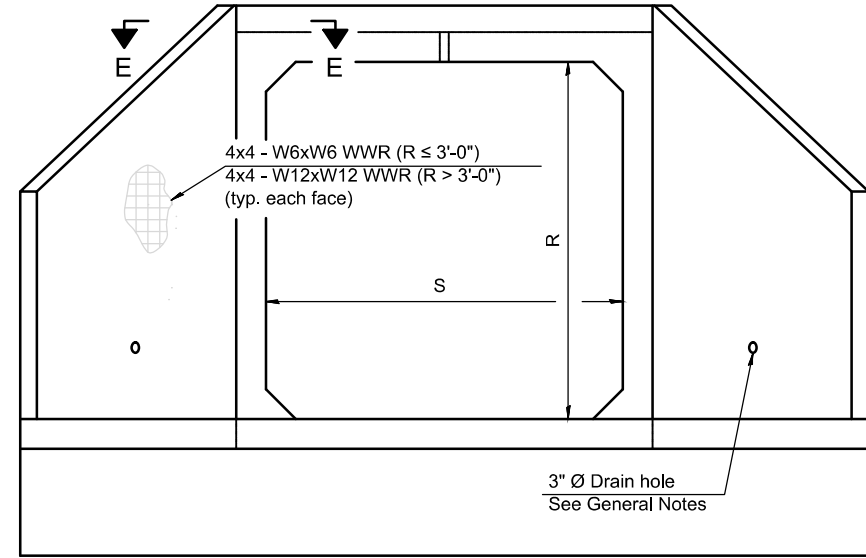
$f_c$  = 5,000 psi  
 $f_y$  = 65,000 psi (Welded Wire Reinforcement)



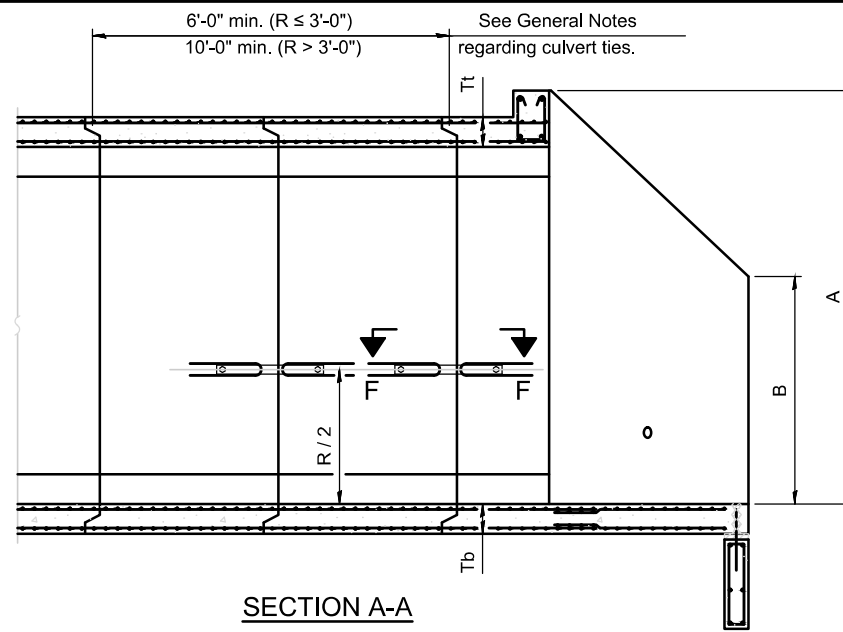
Benchmark:  
Existing Structure:



ROUTE NO. FAS 0904 (IL 166)	SECTION 23-00168-00-PV	COUNTY WILLIAMSON	SHEET NO. 16	TOTAL SHEETS 40
ILLINOIS		SALINE RIVER FARMS IL 166 IMPROVEMENTS		
CONTRACT NO. 99726				



END VIEW



SECTION A-A

APRON END SECTION DIMENSIONS

Span (S)	Rise (R)	Tt	Tb	Ts	A	B	C	D	E	Concrete Cu. Yd.	Culvert Ties Required
3'-0"	2'-0"	7"	6"	4"	3'-4"	2'-2"	2'-10 5/8"	4'-1"	10'-4 5/8"	2.8	Yes
3'-0"	2'-0"	4"	4"	4"	3'-1"	2'-1"	2'-7 7/8"	3'-9"	9'-11"	2.3	Yes
3'-0"	3'-0"	7"	6"	4"	4'-4"	2'-8"	3'-10 5/8"	5'-6"	12'-4 5/8"	3.7	Yes
3'-0"	3'-0"	4"	4"	4"	4'-1"	2'-7"	3'-7 7/8"	5'-2"	11'-11"	3.1	Yes
4'-0"	2'-0"	7.5"	6"	5"	3'-4 1/2"	2'-2 1/2"	2'-11 3/8"	4'-2"	11'-8"	3.3	Yes
4'-0"	2'-0"	5"	5"	5"	3'-2"	2'-1"	2'-8 1/2"	3'-10"	11'-2 3/8"	2.8	Yes
4'-0"	3'-0"	7.5"	6"	5"	4'-4 1/2"	2'-8 1/2"	3'-11 3/8"	5'-7"	13'-8 1/8"	4.2	Yes
4'-0"	3'-0"	5"	5"	5"	4'-2"	2'-7"	3'-8 1/2"	5'-3"	13'-2 3/8"	3.7	Yes
4'-0"	4'-0"	7.5"	6"	5"	5'-4 1/2"	3'-2 1/2"	4'-11 3/8"	7'-0"	15'-8 1/8"	5.3	Yes
4'-0"	4'-0"	5"	5"	5"	5'-2"	3'-1"	4'-8 5/8"	6'-8"	15'-2 1/2"	4.7	Yes
5'-0"	2'-0"	8"	7"	6"	3'-5"	2'-3"	2'-11 3/8"	4'-2"	12'-10"	3.9	Yes
5'-0"	2'-0"	6"	6"	6"	3'-3"	2'-2"	2'-10"	4'-0"	12'-7 1/4"	3.5	Yes
5'-0"	3'-0"	8"	7"	6"	4'-5"	2'-9"	3'-11 3/8"	5'-7"	14'-10 1/8"	4.9	Yes
5'-0"	3'-0"	6"	6"	6"	4'-3"	2'-8"	3'-10"	5'-5"	14'-7 1/4"	4.5	Yes
5'-0"	4'-0"	8"	7"	6"	5'-5"	3'-3"	4'-11 3/8"	7'-0"	16'-10 1/8"	6.1	Yes
5'-0"	4'-0"	6"	6"	6"	5'-3"	3'-2"	4'-9 1/4"	6'-9"	16'-5 1/8"	5.5	Yes

Note:  
Two sets of apron end section dimensions are shown above for some box culvert sizes due to the top and bottom slabs having different thicknesses per ASTM C 1577 for design fill heights less than 2 ft.

GENERAL NOTES

Box Culvert End Sections shall be constructed according to the requirements of Section 540 of the Standard Specifications except as modified herein. End sections will be paid for at the contract unit price per each for Box Culvert End Sections.

The Contractor may furnish the end section as a single precast concrete piece or construct the end section in the field using cast-in-place (CIP) construction. For CIP construction, the bottom slab thickness shall be increased by 2" and the clear cover to the bottom mat of reinforcement shall be increased to 3".

Box section dimensions, materials, and reinforcement details for Box Culvert End Sections shall be according to the requirements for ASTM C 1577 as required for the design of the portion of the culvert within the limits of Precast Concrete Box Culverts except as modified herein.

The number of culvert ties shall be sufficient to engage the minimum length of culvert barrel shown within the pay limits for Precast Concrete Box Culverts and will be dependent upon the length of box culvert segments furnished by the Contractor. Culvert ties are not required for box culverts having a rise (R) less than or equal to 3 ft and a span (S) greater than or equal to 10 ft.

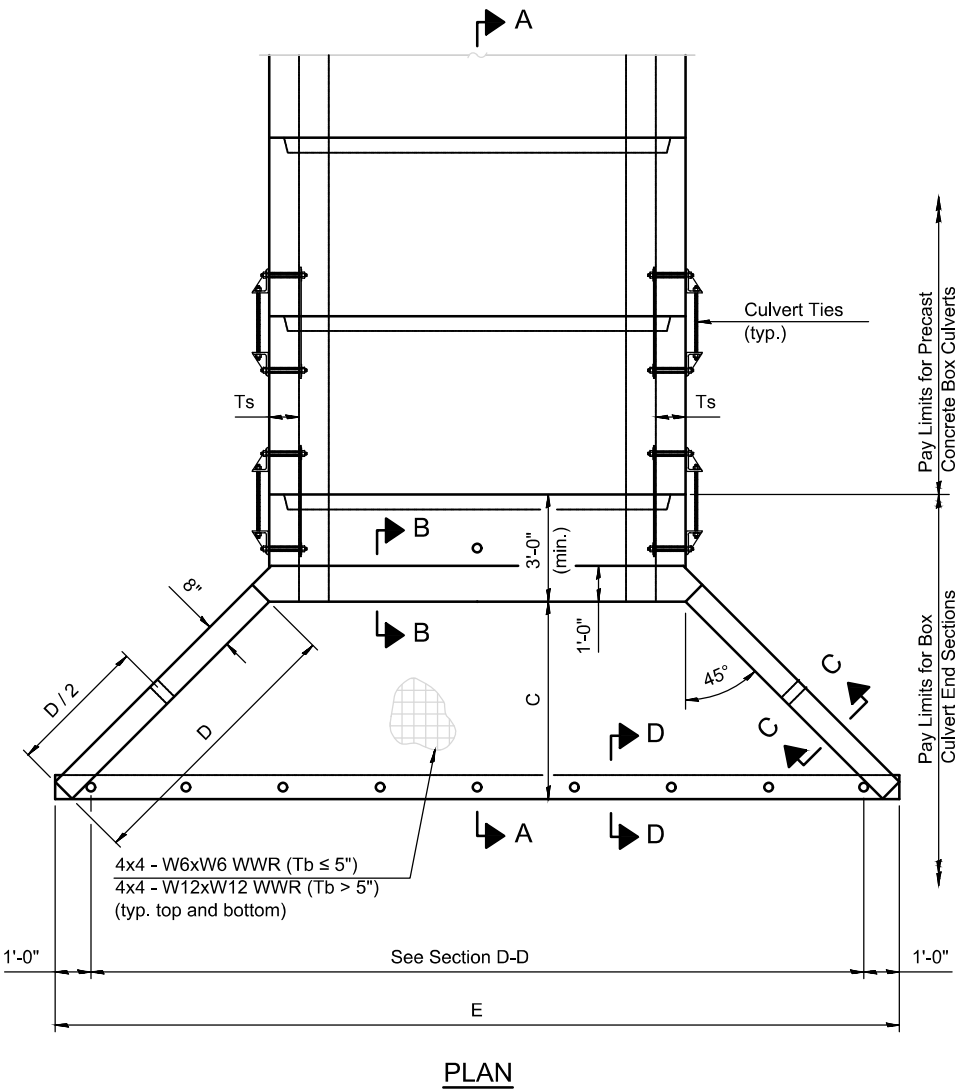
All costs associated with furnishing and installing or constructing the toewall and culvert ties will not be measured for payment but shall be included in the unit price for Box Culvert End Sections of the culvert number specified.

Shop drawings that detail slab thickness and reinforcement layout for the Box Culvert End Sections shall be provided to the Engineer for review and approval. Reinforcement bars not detailed herein shall be detailed with a clear distance at the end of the reinforcement not less than 1/2" nor more than 2". For the precast option, it shall be the Contractor's responsibility for determining a method of handling and a construction procedure shall be included on the shop drawings. The Contractor shall determine and detail in the shop drawings any necessary strengthening or stiffening provisions necessary to handle the precast segment. Any required modifications shall be at no extra charge.

The Contractor may use reinforcement bars in lieu of welded wire reinforcement (WWR). Reinforcement bars shall be limited to the sizes of #3 through #5 bars, a maximum spacing of the lesser of 8" or the member thickness, and shall result in an area of reinforcement equal to or greater than that provided by the WWR. Minimum lap lengths detailed herein are applicable to WWR and reinforcement bars.

Reinforcement (circumferential and longitudinal) in the culvert barrel portion of the end section being lapped with reinforcement from the wingwalls or bottom slab of the end section shall not be less than that required by ASTM C 1577 for the design fill height or the reinforcement detailed for the end section, whichever is greater.

One drain hole shall be provided in each wingwall for end sections of box culverts having an opening with a clear rise greater than 3 ft. The drain hole shall be located within the lower 1/3 of the clear rise of the box culvert and shall conform to the requirements of Article 503.11 of the Standard Specifications.



PLAN

SCB-AES

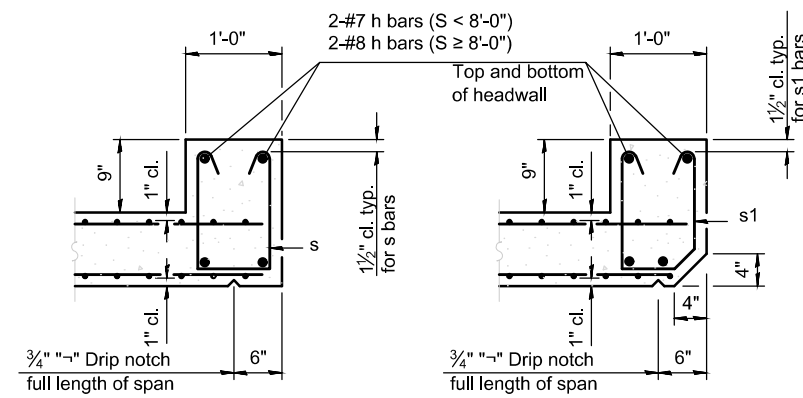
(Sheet 1 of 2)

PRECAST CONCRETE BOX CULVERT APRON END SECTION DETAILS - STRUCTURE NO.

DISCIPLINE: PROFESSIONAL ENGINEERING CERTIFICATE OF AUTHORITY: 000159 EXPIRATION DATE: DECEMBER 31, 2023		
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<b>DETAILS 4/5</b> <b>SALINE RIVER FARMS IL 166 IMPROVEMENTS</b> <b>WILLIAMSON COUNTY</b>		
Date	10/2023	DR. By MKK CK'D By JZ
Scale	N.T.S.	Job No. 2304600 Sheet No. 16 of 40

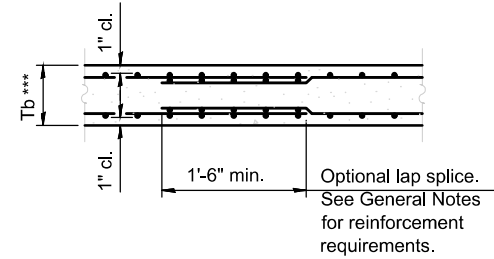


ROUTE NO. FAS 0904 (IL 166)	SECTION 23-00168-00-PV	COUNTY WILLIAMSON	SHEET NO. 17	TOTAL SHEETS 40
ILLINOIS		SALINE RIVER FARMS IL 166 IMPROVEMENTS		
CONTRACT NO. 99726				

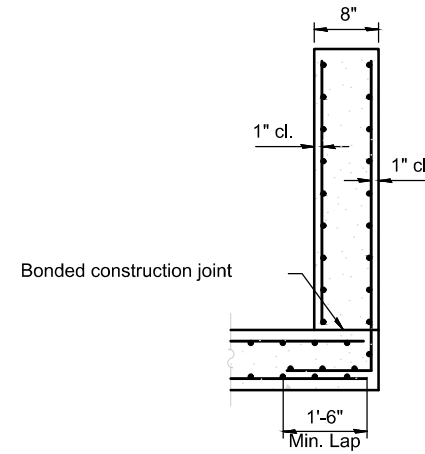


**SECTION B-B**  
(Top slab at downstream end)

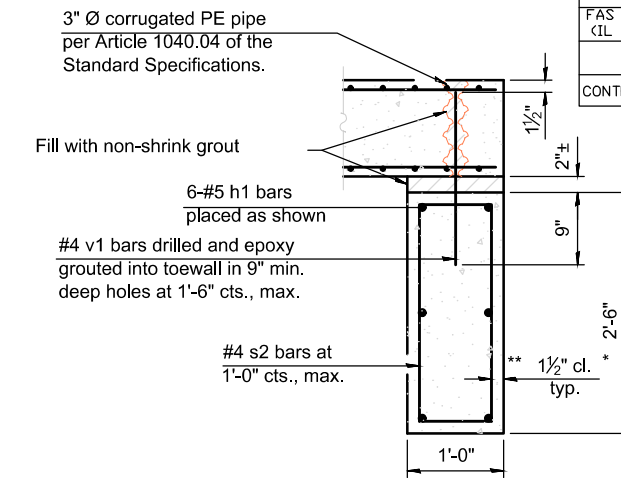
**SECTION B-B**  
(Top slab at upstream end)



**SECTION B-B**  
(Bottom Slab)



**SECTION C-C**



**SECTION D-D**

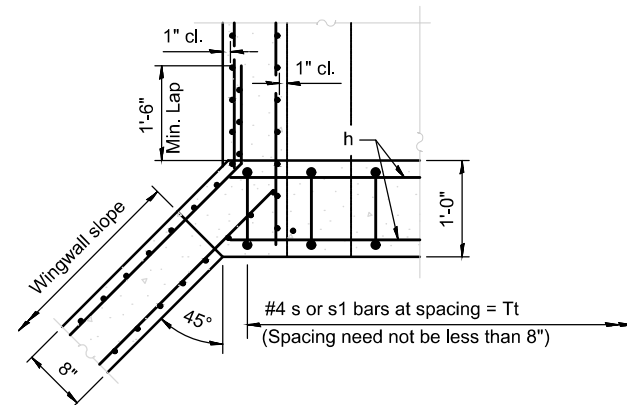
**TOEWALL CONSTRUCTION SEQUENCE**

1. Perform excavation and construct toewall.
2. Backfill accordingly and place bedding for precast box culvert end sections.
3. Set precast box culvert end section.
4. Drill and epoxy grout reinforcement in toewall in accordance with Section 584 of the Standard Specifications.
5. Pressure grout voids using non-shrink grout conforming to Section 1024 of the Standard Specifications.

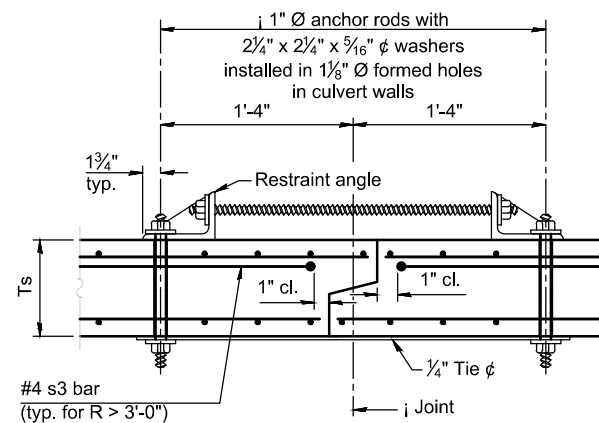
\* The Contractor may furnish a precast or cast-in-place toewall. The Contractor shall be responsible for the strength and stability of the precast toewall during handling. Additional lifting points may be required depending upon the length of the toewall or the Contractor may need to modify the design of the toewall for the proposed handling method.

\*\* If soil conditions permit, the sides of the toewall may be poured directly against the soil. The clear cover on the sides of the toewall shall be increased to 3" by increasing the thickness of the toewall.

\*\*\* This dimension shall be increased by 2" for CIP construction.



**SECTION E-E**



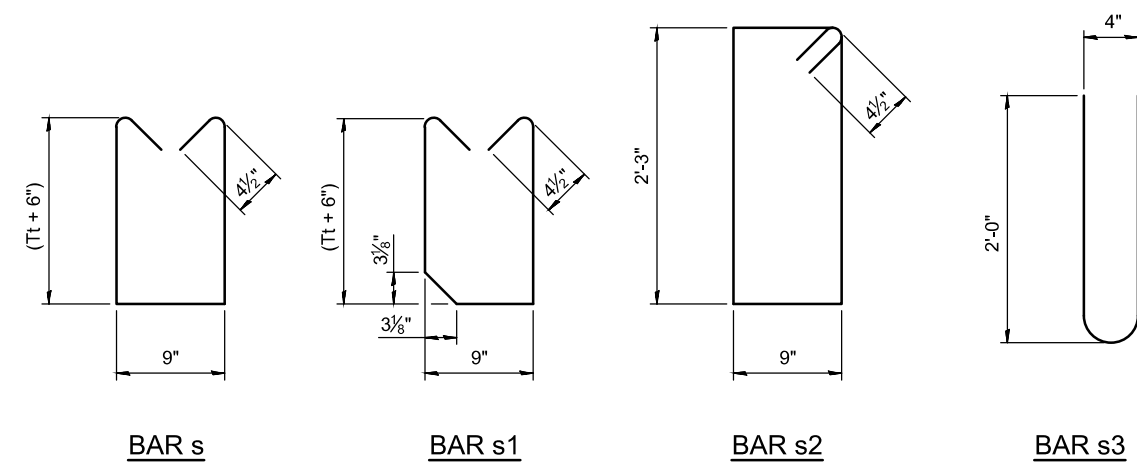
**SECTION F-F**  
(Showing culvert tie details)

Notes:

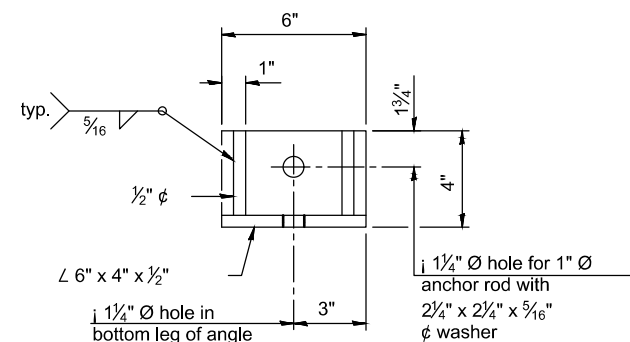
1" Ø anchor rods for the culvert ties shall conform to the requirements of ASTM F1554, Grade 105. Structural steel for the tie plate and restraint angle shall conform to the requirements of Article 1006.04 of the Standard Specifications. All components of the culvert tie detail shall be galvanized according to the requirements of AASHTO M 111 or M 232 as applicable. 2 1/4" x 2 1/4" x 5/16" plate washers shall be provided under each nut required for the anchor rods. Anchor rods connecting precast sections shall be brought to a snug tight condition followed by an additional 1/2 turn on one of the nuts for anchor rods installed in the walls. Match marks shall be provided on the bolt and nut to verify relative rotation between the bolt and the nut. Holes in the walls for the culvert tie assembly may be drilled using core bits in lieu of using formed holes.

(Sheet 2 of 2)

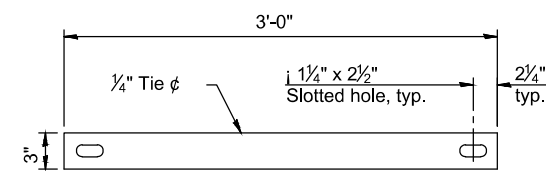
**PRECAST CONCRETE BOX CULVERT APRON END SECTION DETAILS – STRUCTURE NO.**



**SCB-AES**



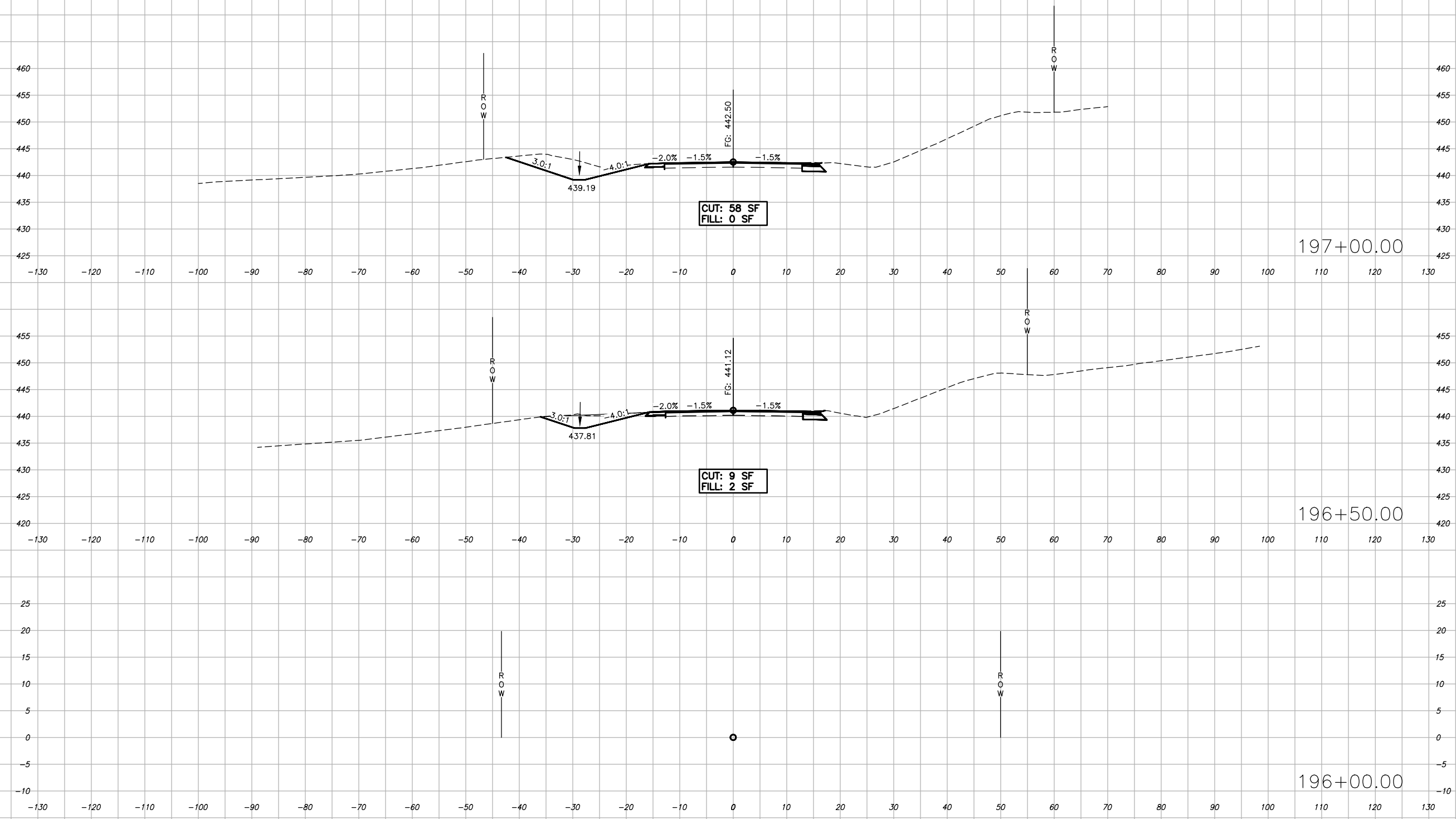
**RESTRAINT ANGLE DETAIL**



**TIE PLATE DETAIL**

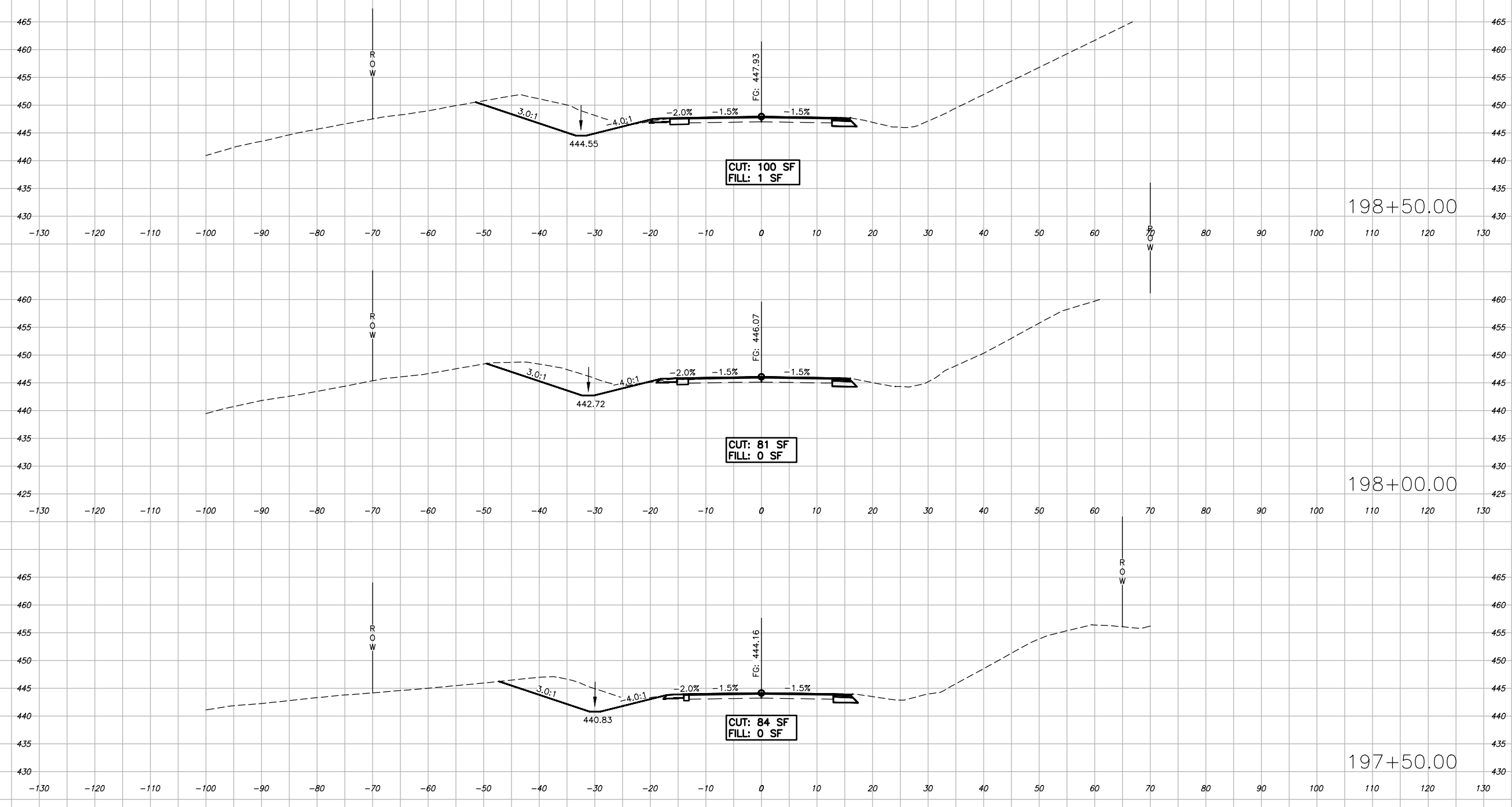
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EXPIRATION DATE: DECEMBER 31, 2023	
STATE OF ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 184-004515	
© 2023 ALL RIGHTS RESERVED	
<b>HORNER SHIFRIN</b>	
410 NORTH COURT ST, MARION, ILLINOIS 622959 618-993-6411 FAX 618-993-6750 WWW.HORNERSHIFRIN.COM	
DETAILS 5/5	
SALINE RIVER FARMS IL 166 IMPROVEMENTS WILLIAMSON COUNTY	
Date 10/2023	DR. By MKK CK'D By JZ
Scale N.T.S.	Job No. 2304600 Sheet No. 17 of 40

ROUTE NO. FAS 0904 (IL 166)	SECTION 23-00168-00-PV	COUNTY WILLIAMSON	SHEET NO. 18	TOTAL SHEETS 40
ILLINOIS		SALINE RIVER FARMS IL 166 IMPROVEMENTS		
CONTRACT NO. 99726				



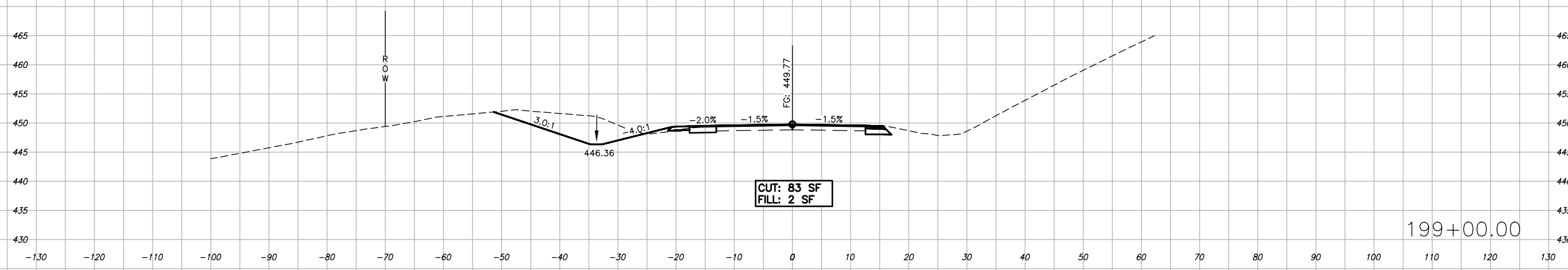
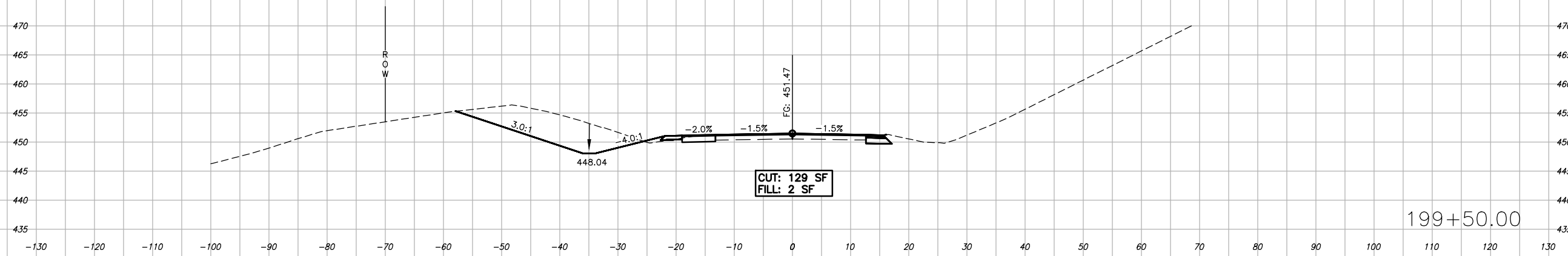
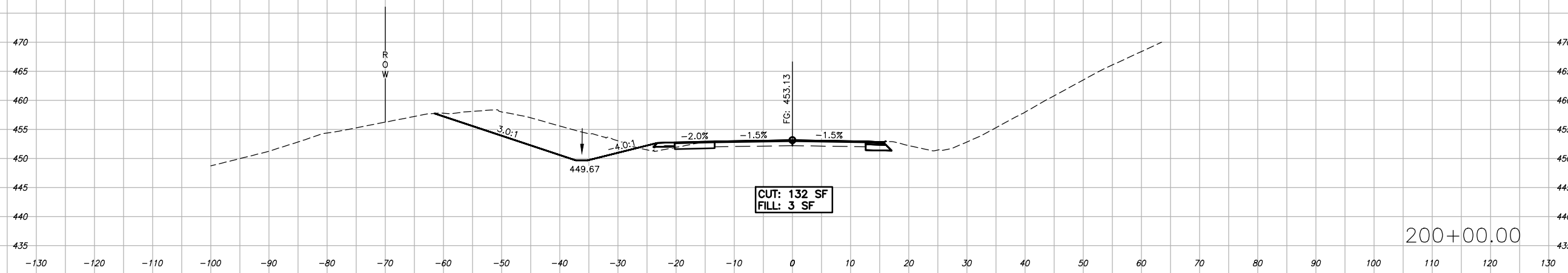
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ILLINOIS		SALINE RIVER FARMS IL 166 IMPROVEMENTS		
CONTRACT NO. 99726				



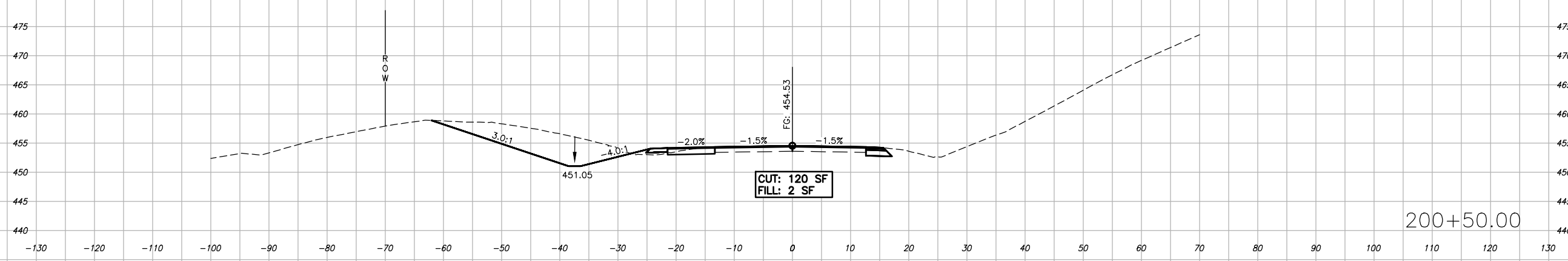
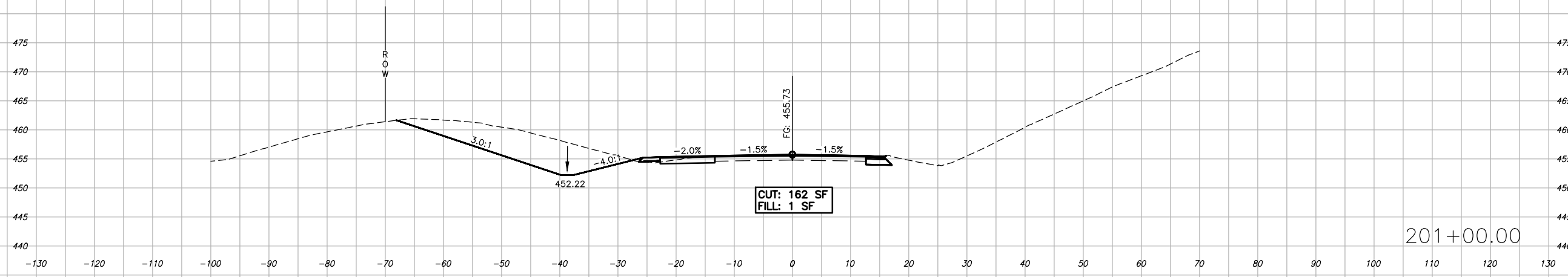
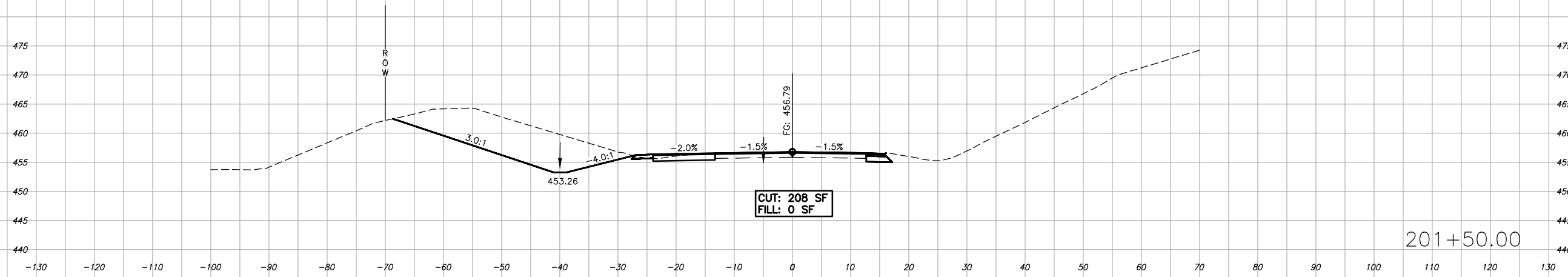
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ILLINOIS		SALINE RIVER FARMS IL 166 IMPROVEMENTS		
CONTRACT NO. 99726				



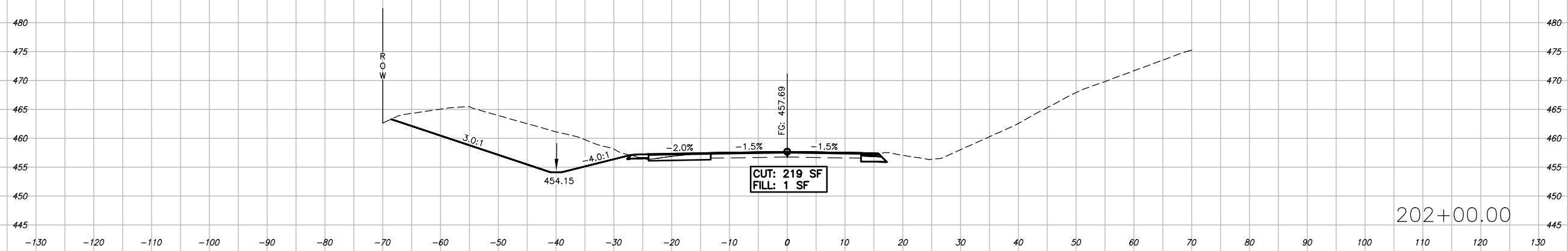
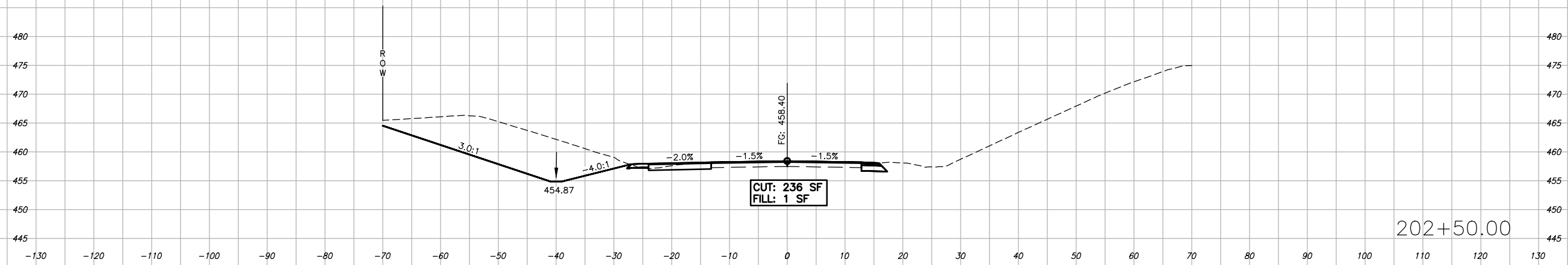
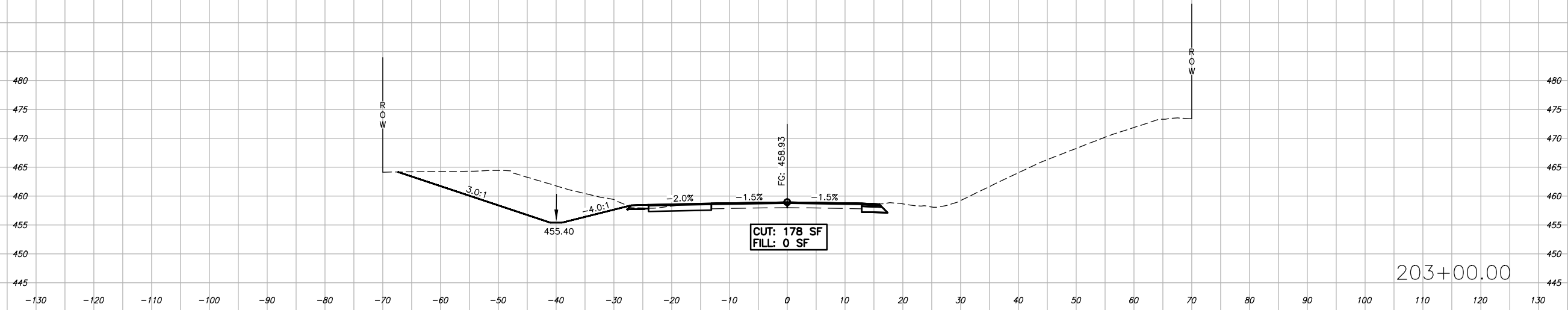
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ILLINOIS		SALINE RIVER FARMS IL 166 IMPROVEMENTS		
CONTRACT NO. 99726				



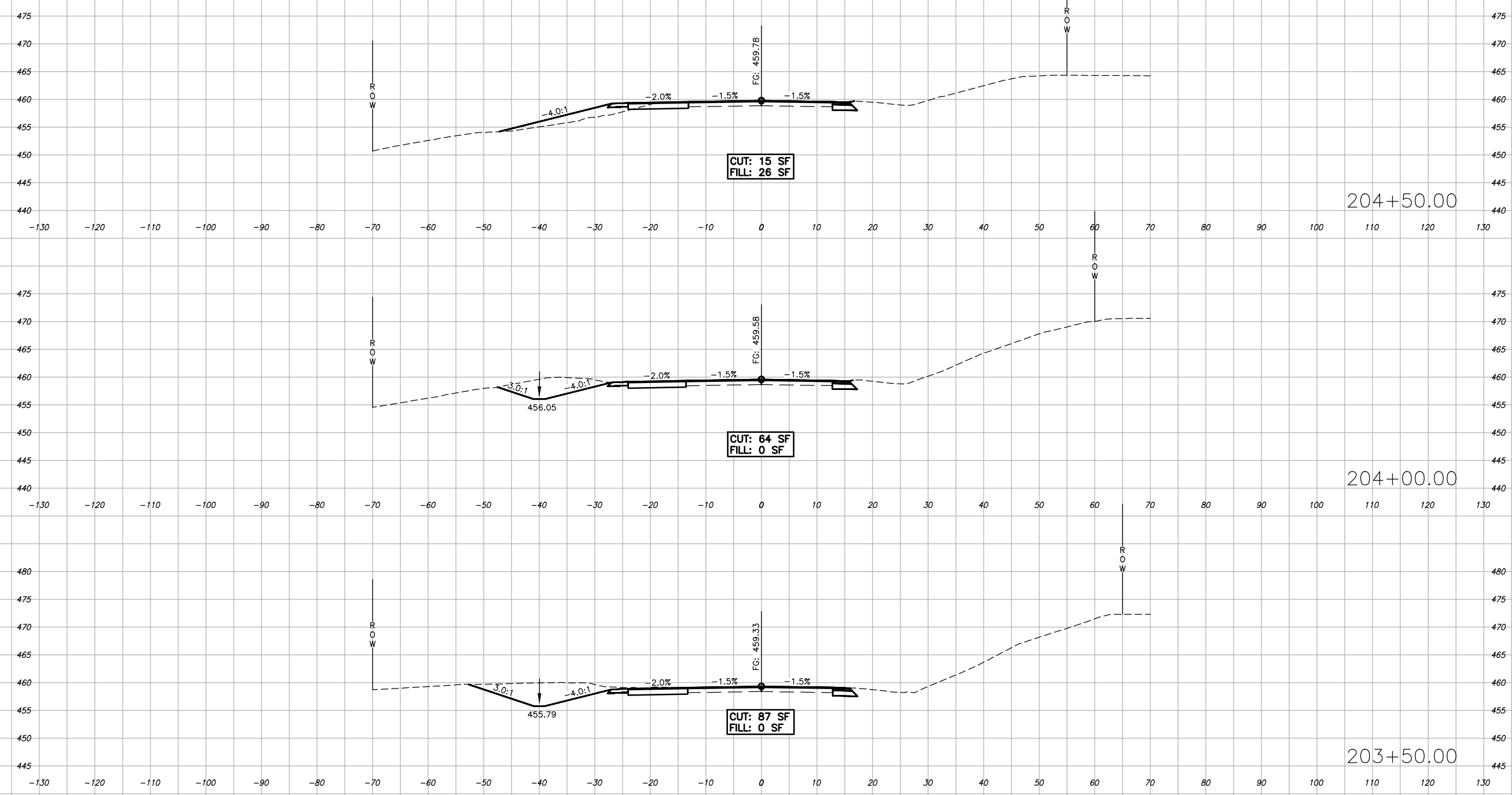
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ROUTE NO. FAS 0904 (IL 166)	SECTION 23-00168-00-PV	COUNTY WILLIAMSON	SHEET NO. 22	TOTAL SHEETS 40
ILLINOIS		SALINE RIVER FARMS IL 166 IMPROVEMENTS		
CONTRACT NO. 99726				



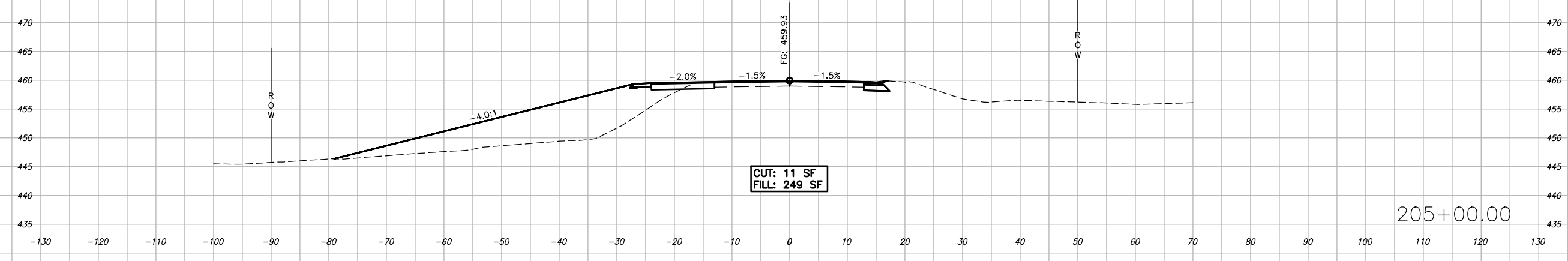
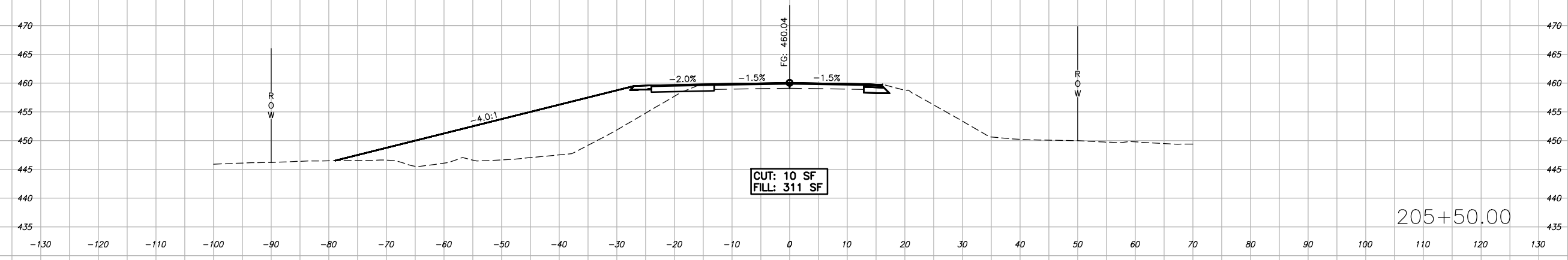
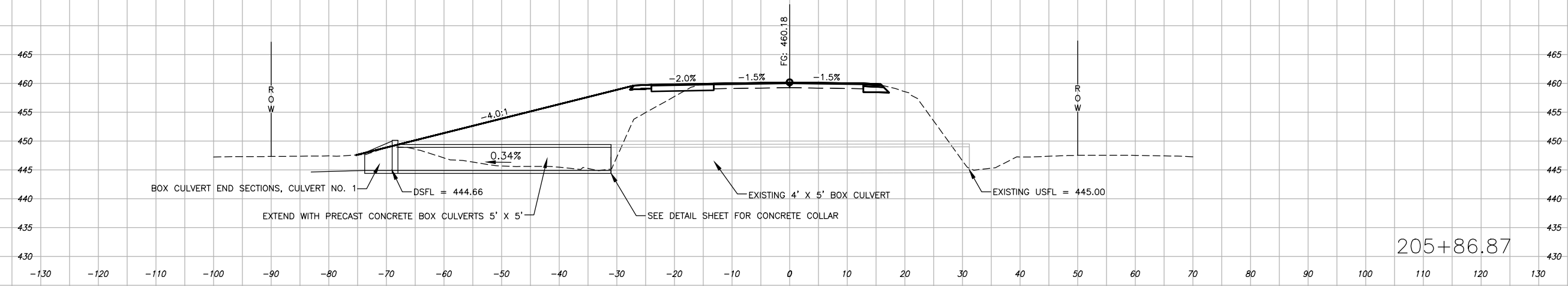
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ROUTE NO. FAS 0904 (IL 166)	SECTION 23-00168-00-PV	COUNTY WILLIAMSON	SHEET NO. 23	TOTAL SHEETS 40
ILLINOIS		SALINE RIVER FARMS IL 166 IMPROVEMENTS		
CONTRACT NO. 99726				



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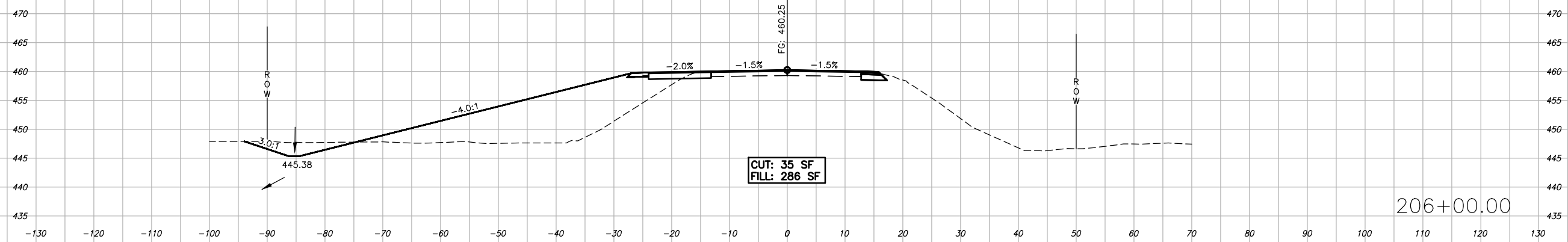
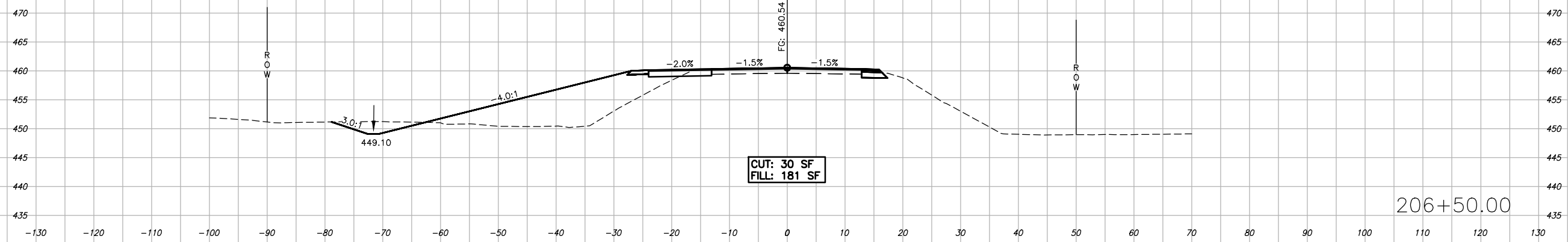
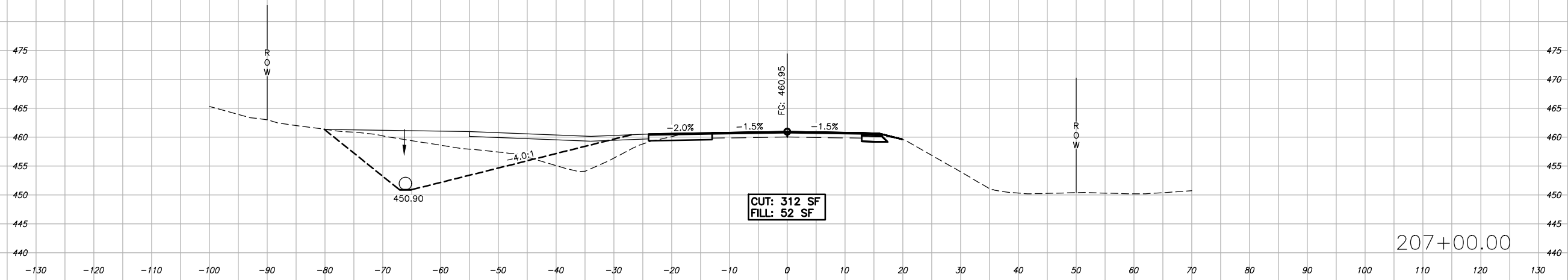
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ILLINOIS		SALINE RIVER FARMS IL 166 IMPROVEMENTS		
CONTRACT NO. 99726				



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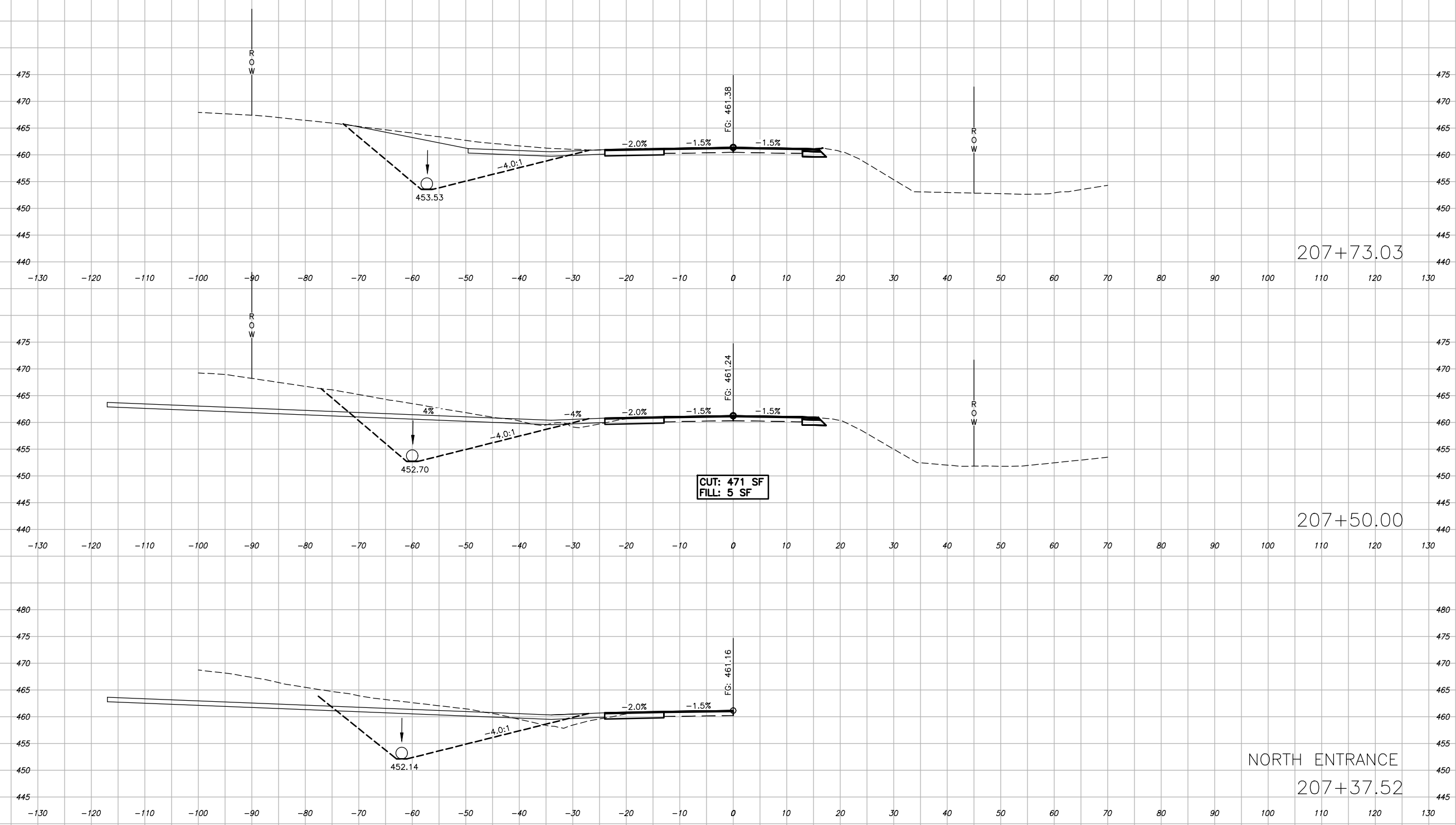


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ILLINOIS		SALINE RIVER FARMS IL 166 IMPROVEMENTS		
CONTRACT NO. 99726				



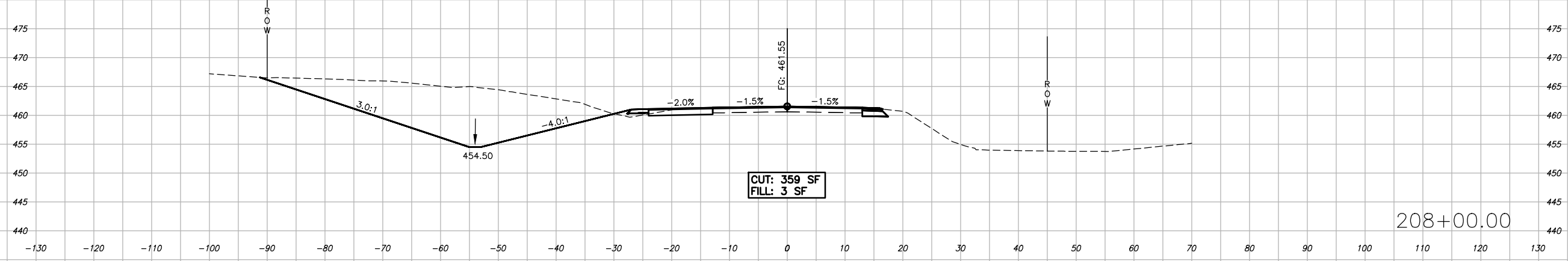
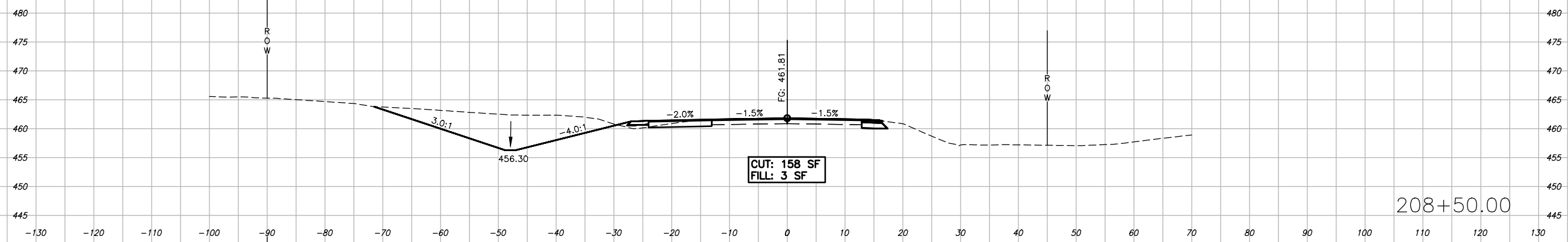
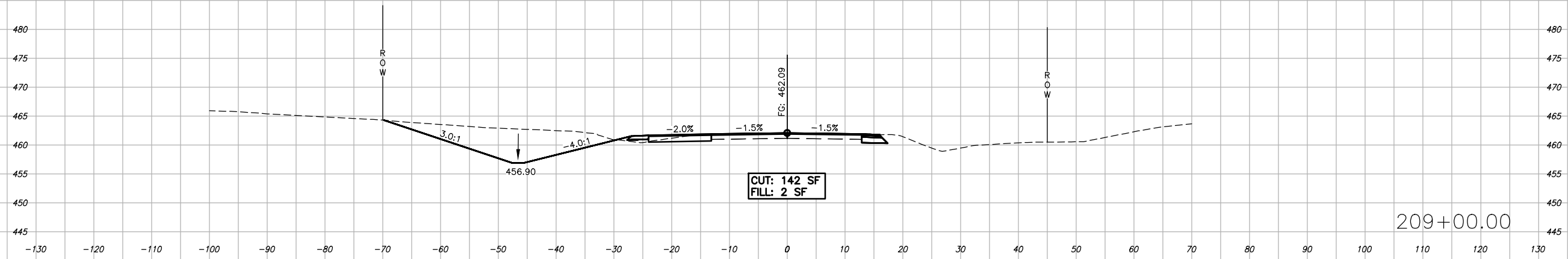
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ILLINOIS		SALINE RIVER FARMS IL 166 IMPROVEMENTS		
CONTRACT NO. 99726				



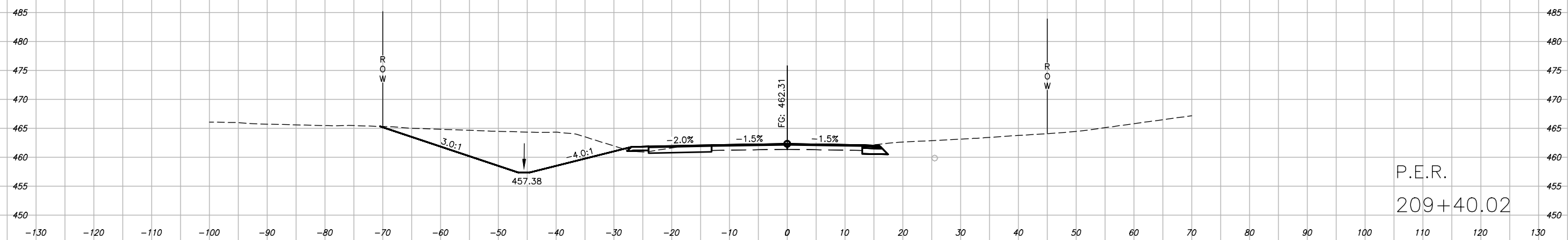
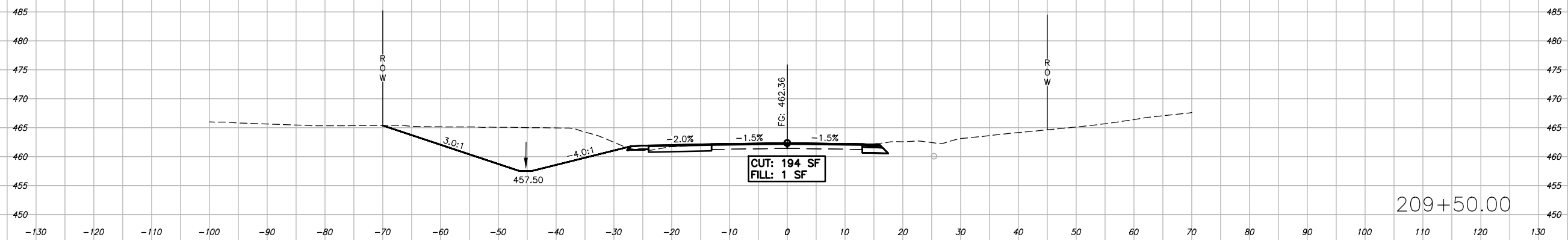
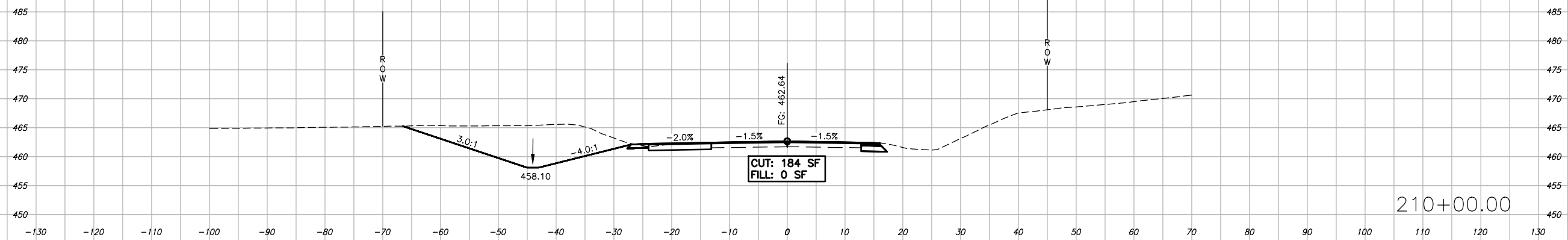
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ILLINOIS		SALINE RIVER FARMS IL 166 IMPROVEMENTS		
CONTRACT NO. 99726				



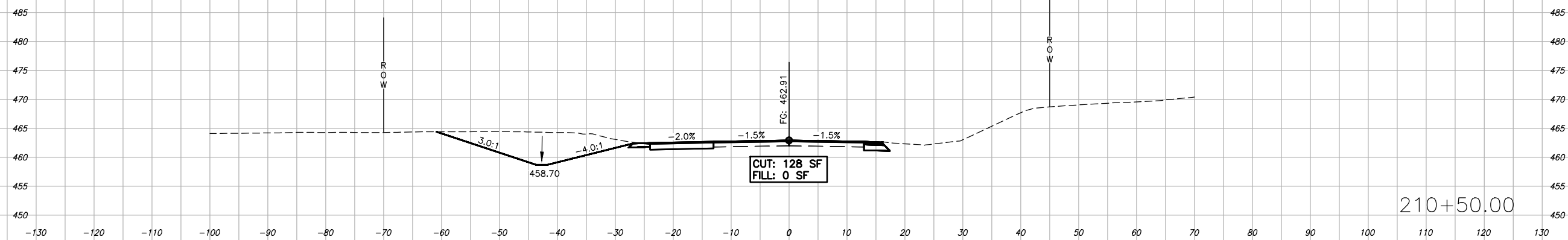
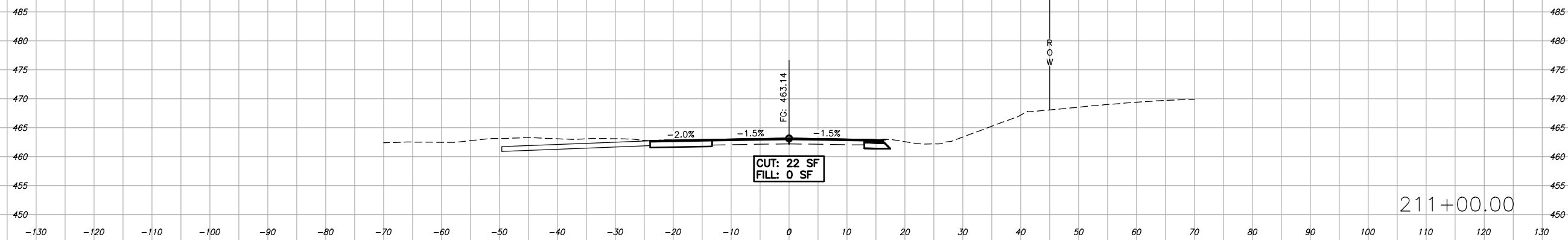
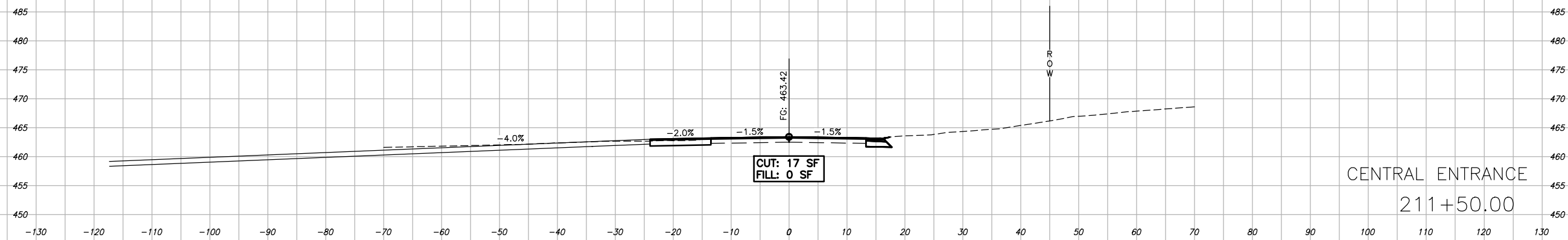
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ROUTE NO. FAS 0904 (IL 166)	SECTION 23-00168-00-PV	COUNTY WILLIAMSON	SHEET NO. 28	TOTAL SHEETS 40
ILLINOIS		SALINE RIVER FARMS IL 166 IMPROVEMENTS		
CONTRACT NO. 99726				



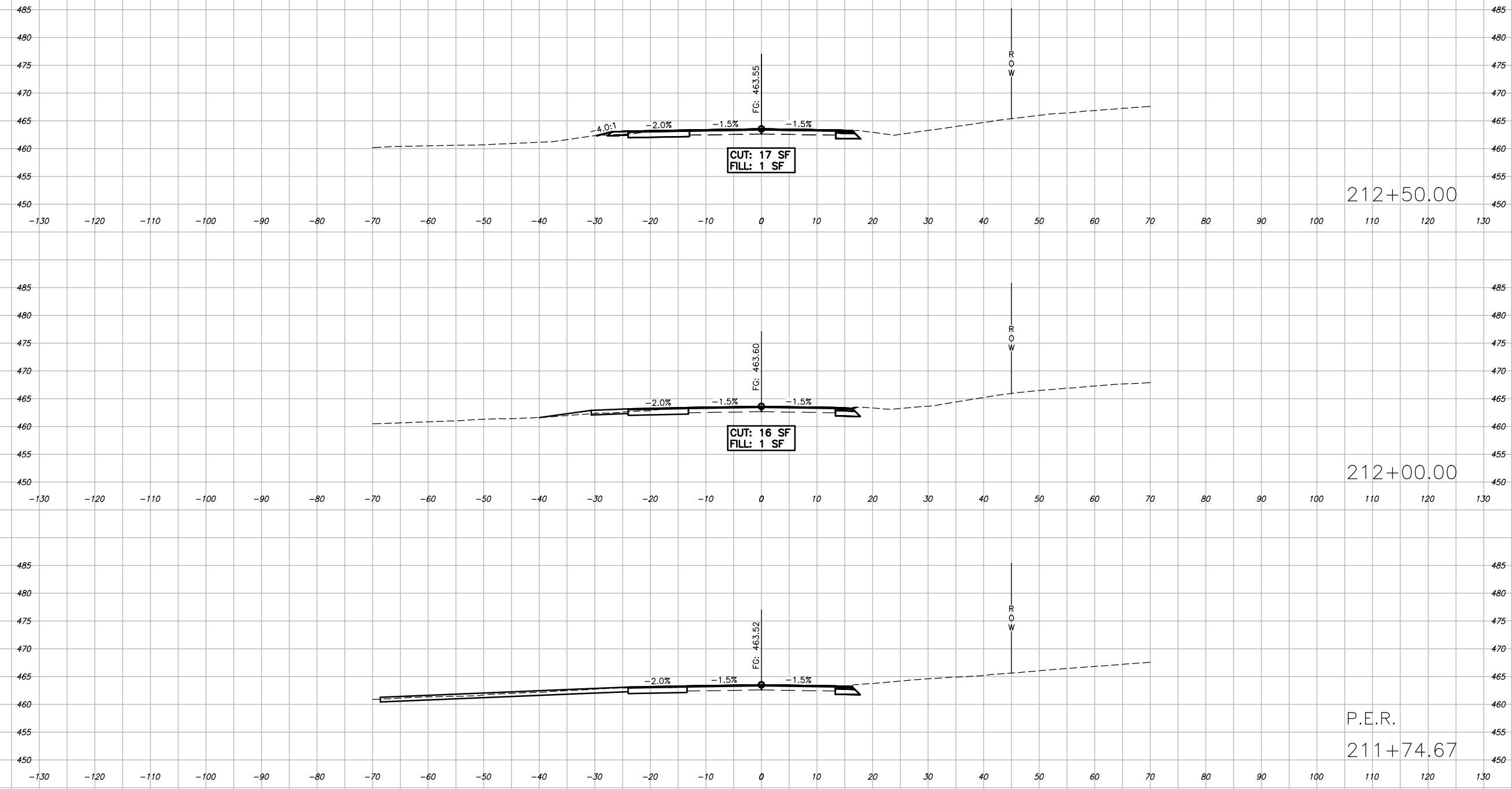
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ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
FAS 0904 (IL 166)	23-00168-00-PV	WILLIAMSON	29	40
ILLINOIS		SALINE RIVER FARMS IL 166 IMPROVEMENTS		
CONTRACT NO. 99726				



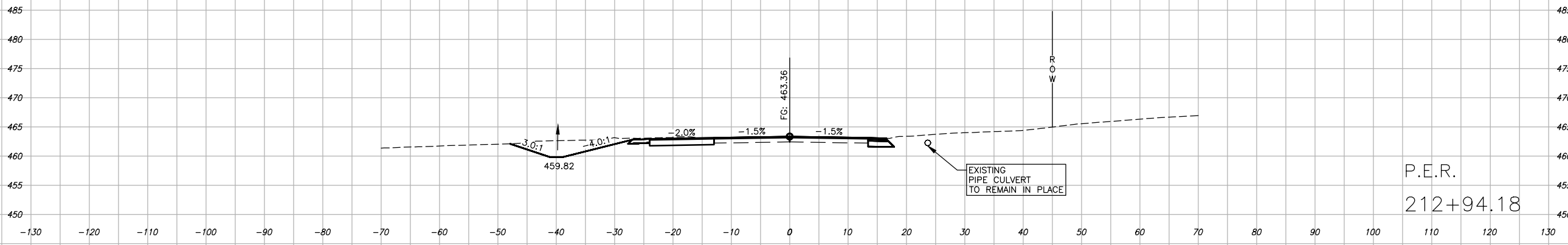
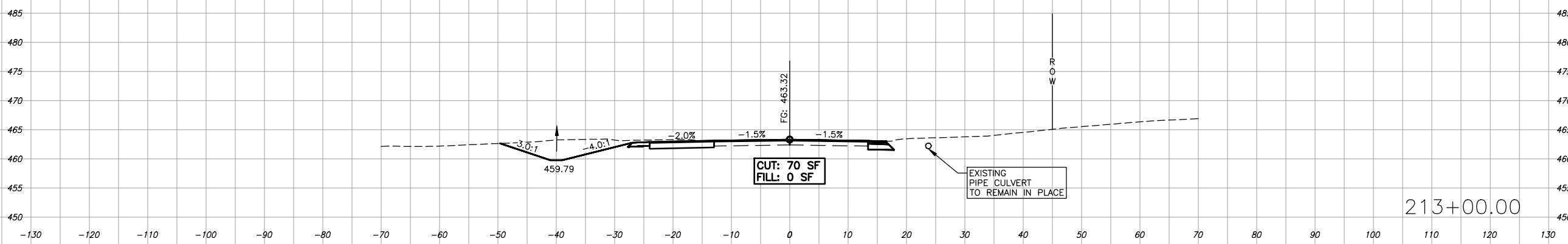
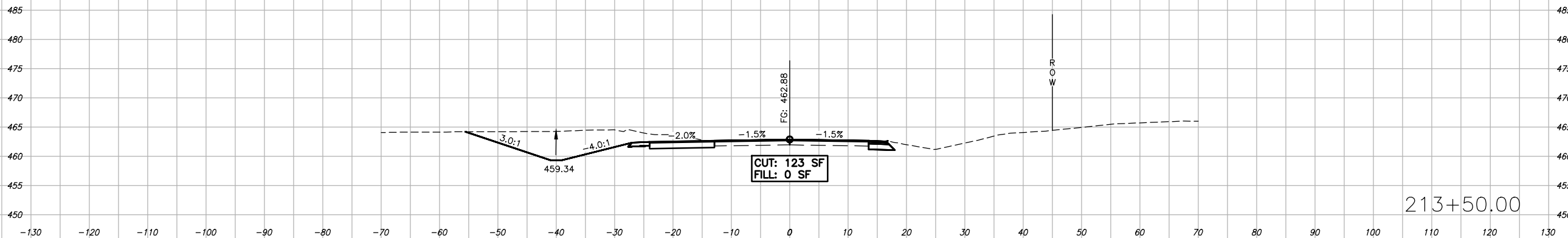
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ILLINOIS		SALINE RIVER FARMS IL 166 IMPROVEMENTS		
CONTRACT NO. 99726				



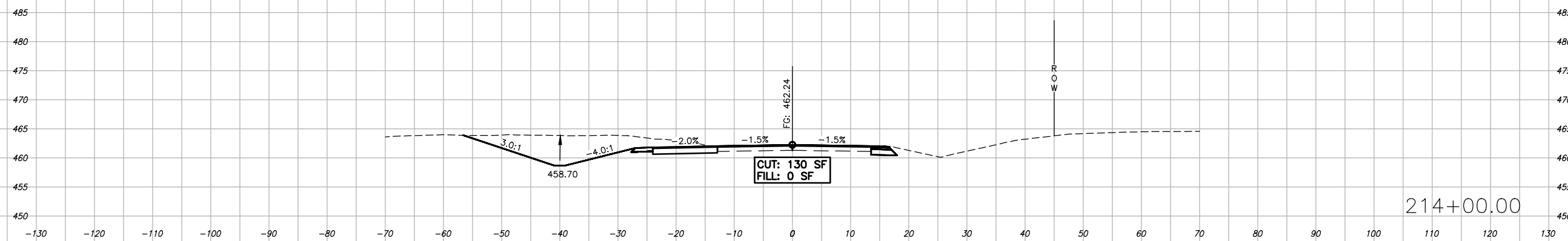
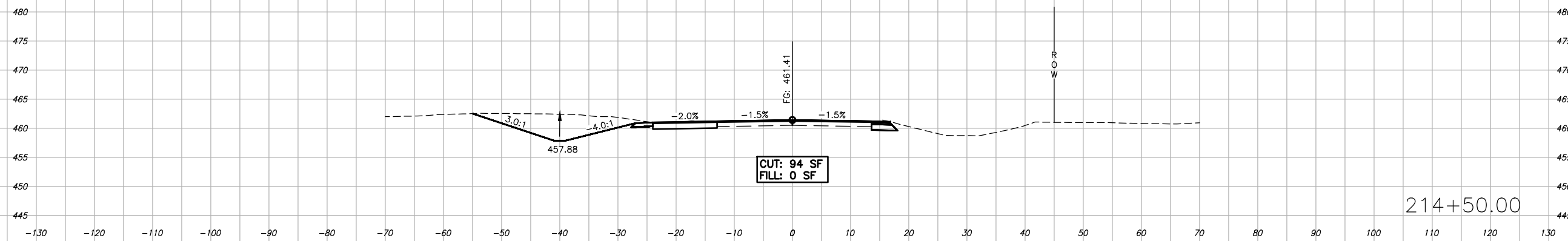
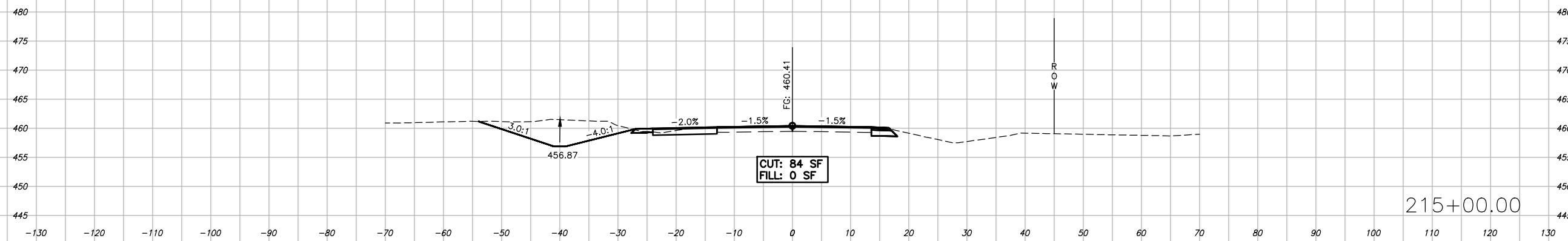
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ILLINOIS		SALINE RIVER FARMS IL 166 IMPROVEMENTS		
CONTRACT NO. 99726				



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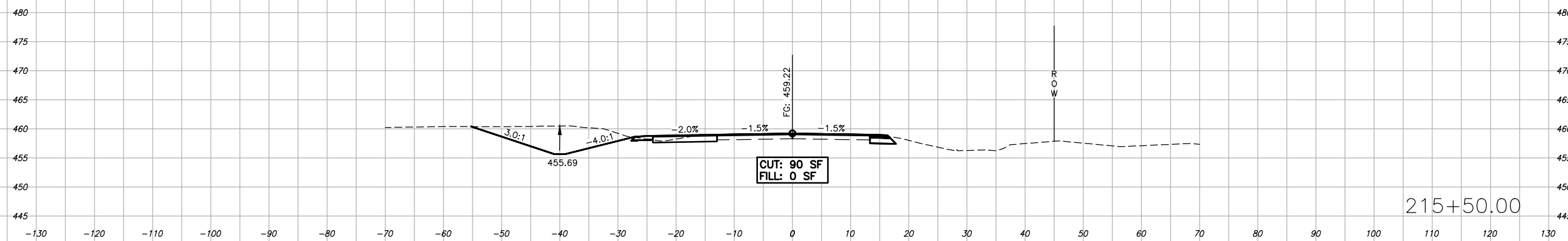
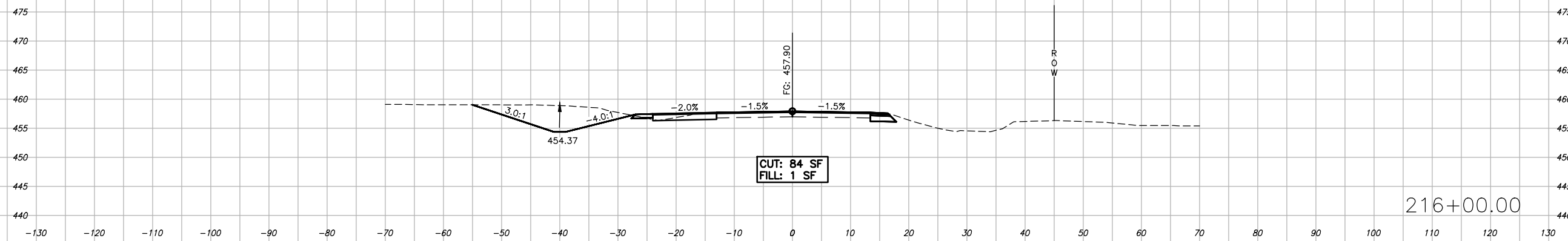
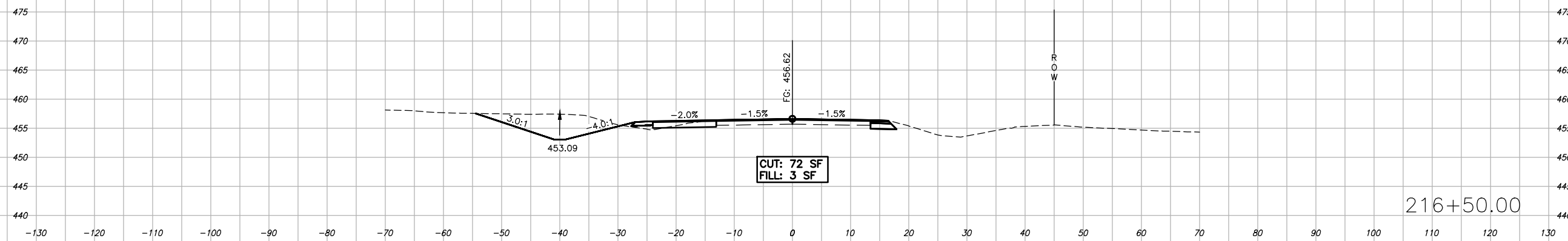
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FAS 0904 (IL 166)	23-00168-00-PV	WILLIAMSON	32	40
ILLINOIS		SALINE RIVER FARMS IL 166 IMPROVEMENTS		
CONTRACT NO. 99726				



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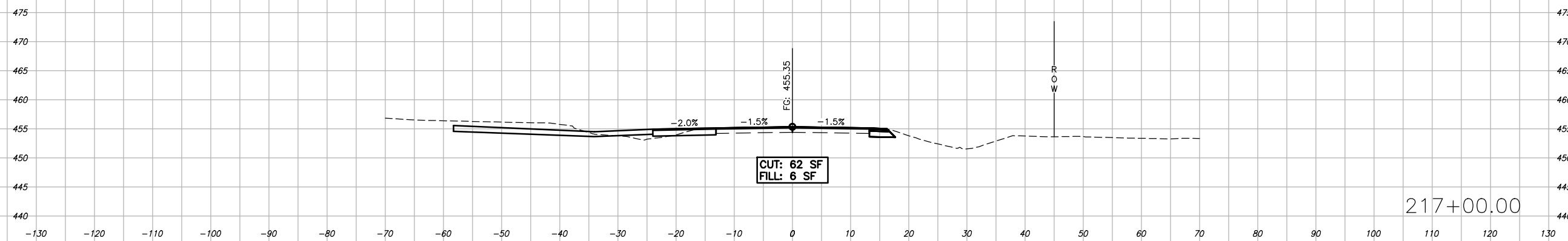
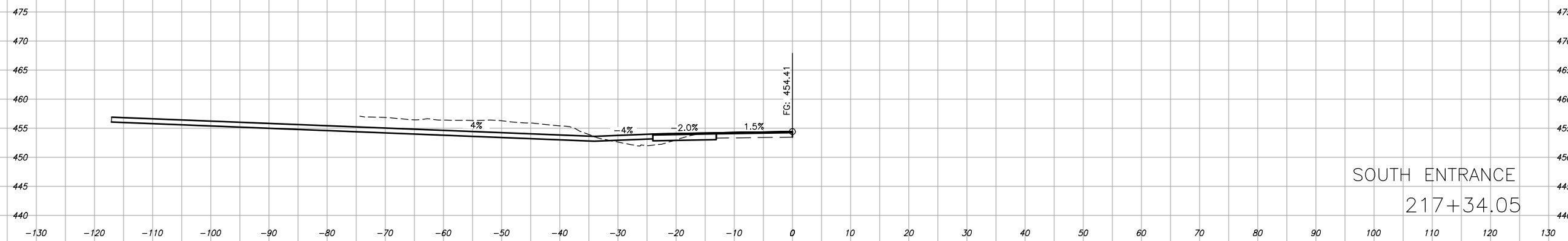
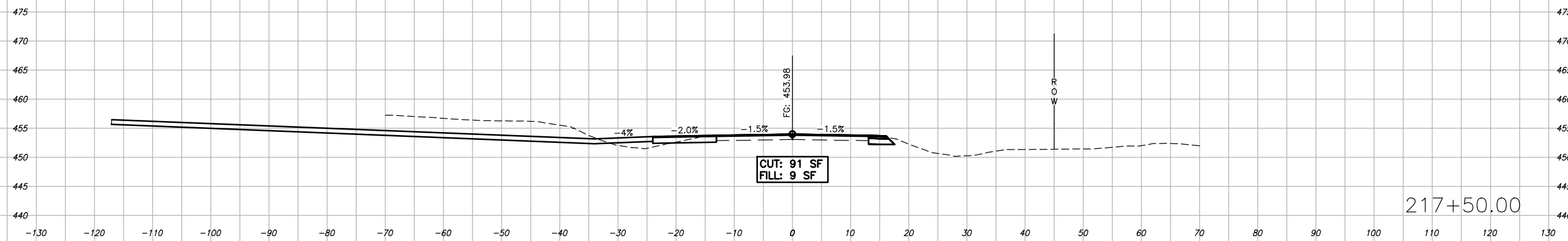


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ILLINOIS		SALINE RIVER FARMS IL 166 IMPROVEMENTS		
CONTRACT NO. 99726				



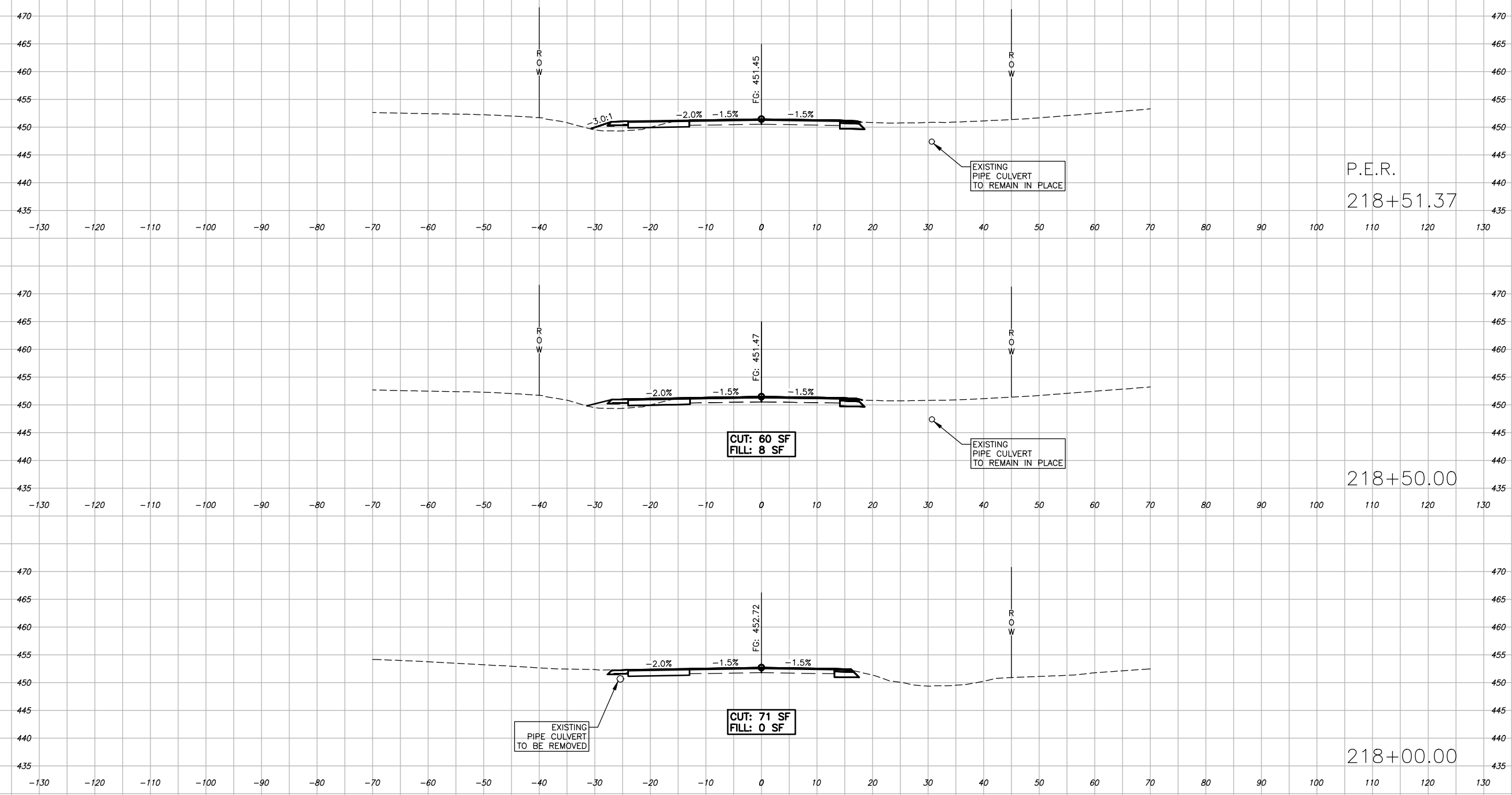
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ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
FAS 0904 (IL 166)	23-00168-00-PV	WILLIAMSON	34	40
ILLINOIS		SALINE RIVER FARMS IL 166 IMPROVEMENTS		
CONTRACT NO. 99726				



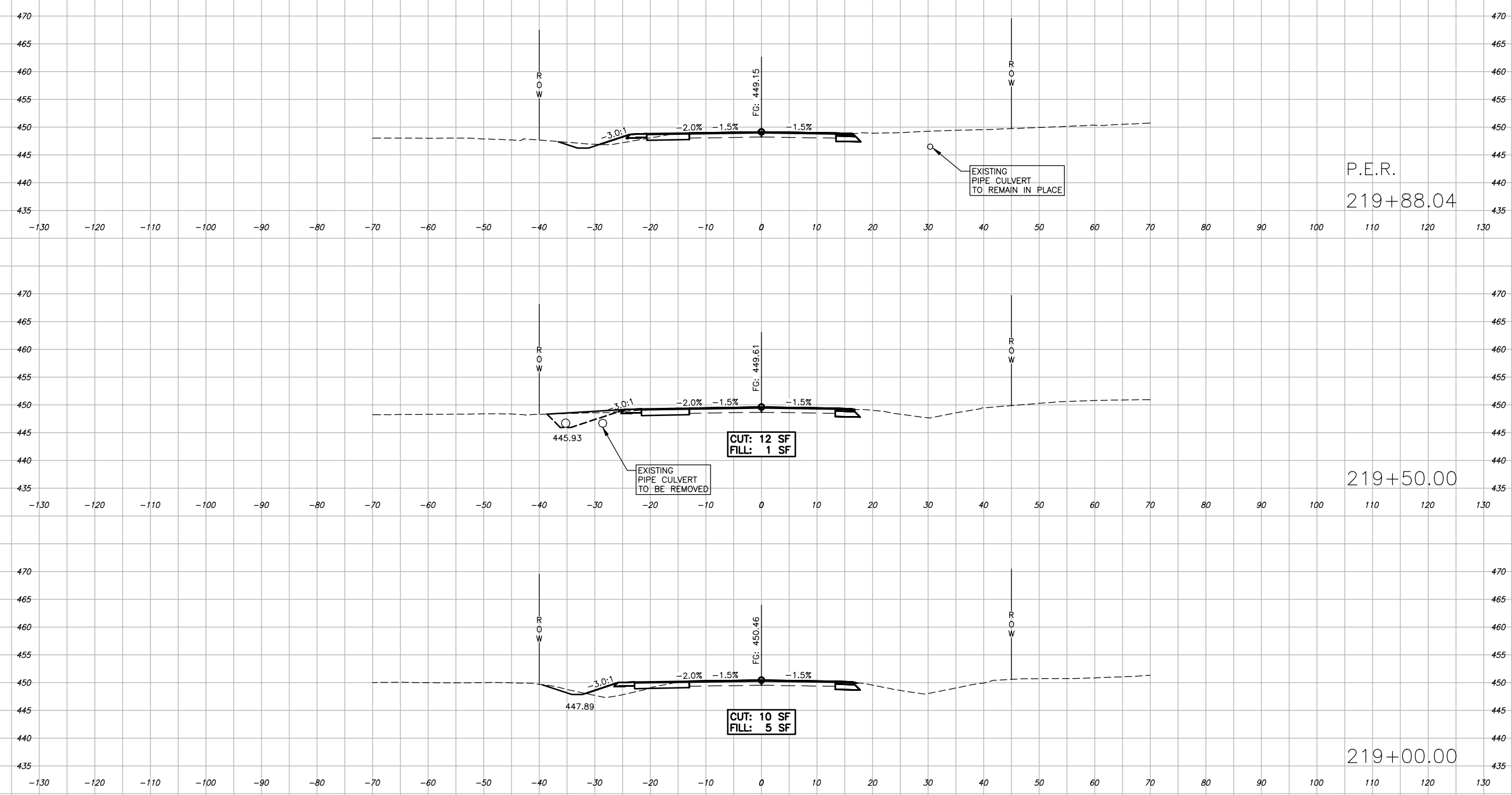
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ILLINOIS		SALINE RIVER FARMS IL 166 IMPROVEMENTS		
CONTRACT NO. 99726				



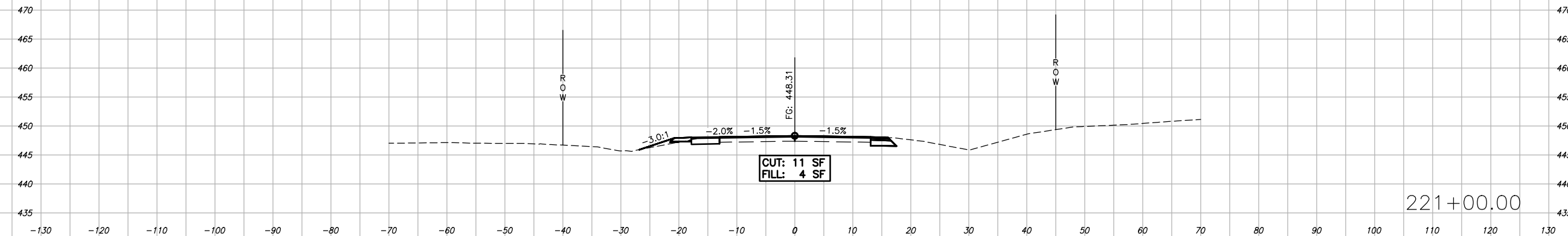
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ROUTE NO. FAS 0904 (IL 166)	SECTION 23-00168-00-PV	COUNTY WILLIAMSON	SHEET NO. 36	TOTAL SHEETS 40
ILLINOIS		SALINE RIVER FARMS IL 166 IMPROVEMENTS		
CONTRACT NO. 99726				



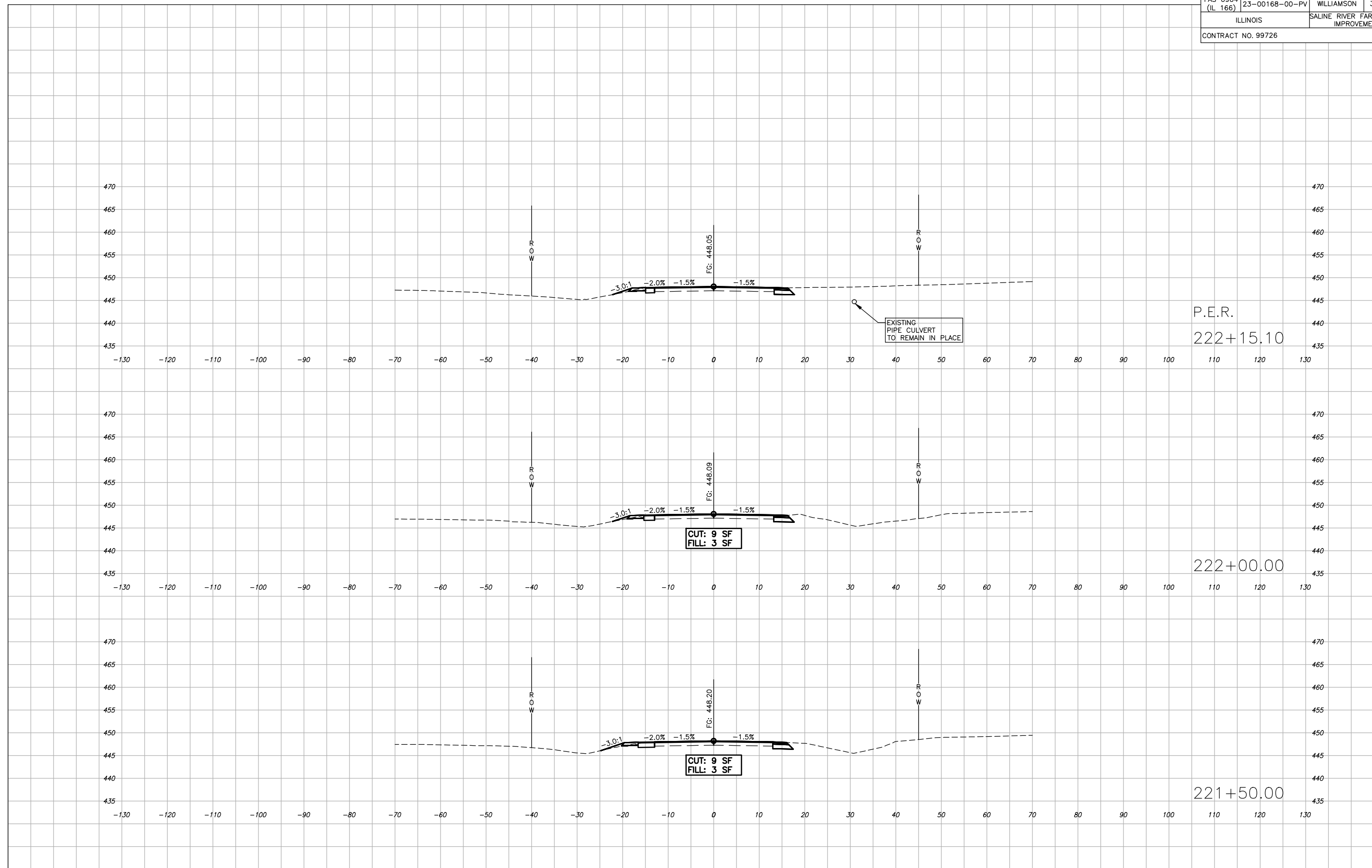
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ROUTE NO. FAS 0904 (IL 166)	SECTION 23-00168-00-PV	COUNTY WILLIAMSON	SHEET NO. 37	TOTAL SHEETS 40
ILLINOIS		SALINE RIVER FARMS IL 166 IMPROVEMENTS		
CONTRACT NO. 99726				



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ROUTE NO. FAS 0904 (IL 166)	SECTION 23-00168-00-PV	COUNTY WILLIAMSON	SHEET NO. 38	TOTAL SHEETS 40
ILLINOIS		SALINE RIVER FARMS IL 166 IMPROVEMENTS		
CONTRACT NO. 99726				



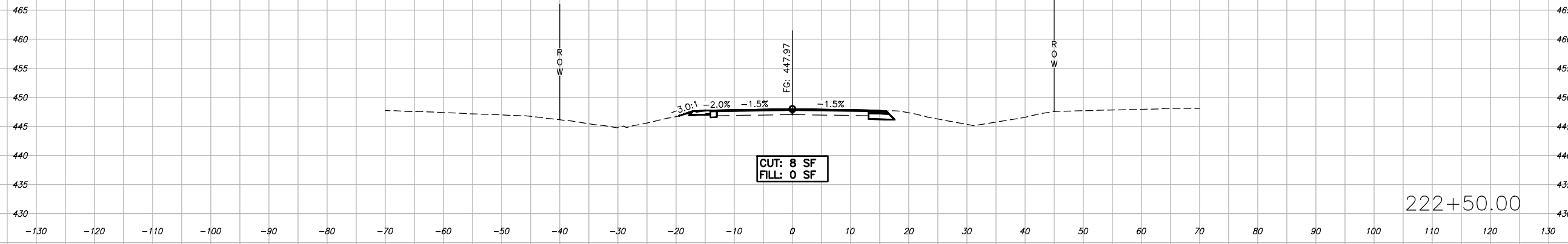
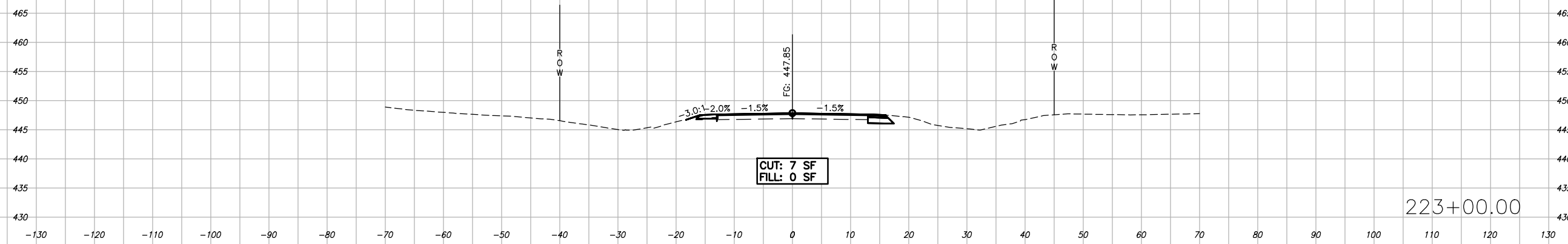
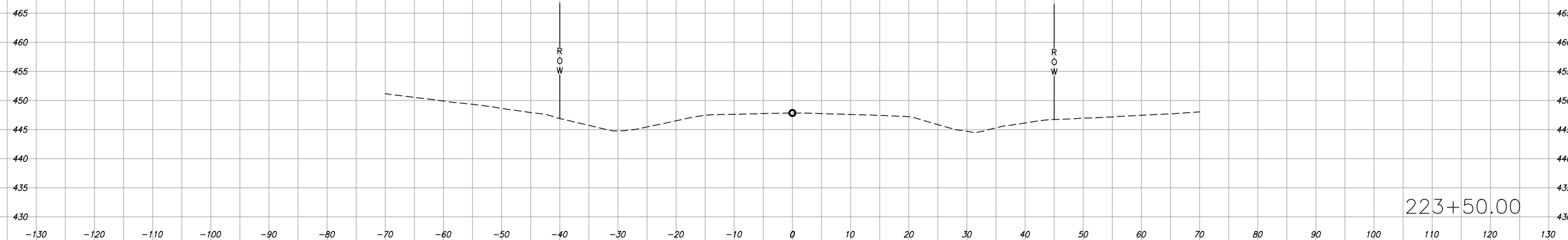
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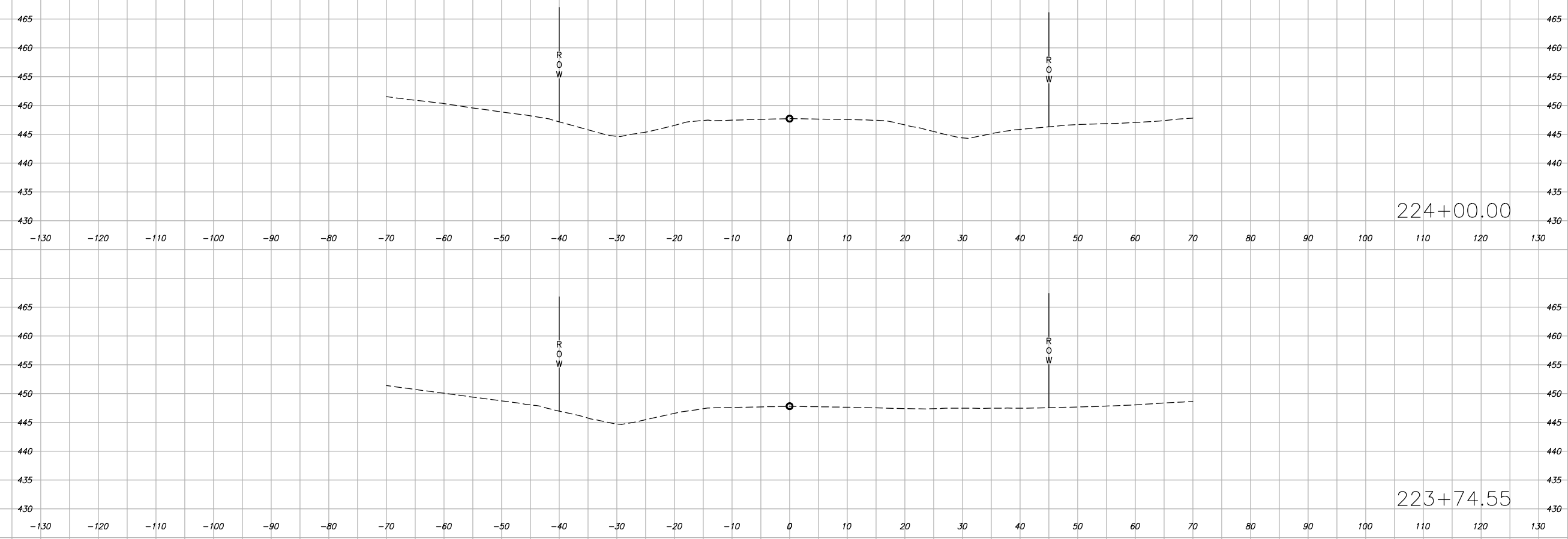
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ILLINOIS		SALINE RIVER FARMS IL 166 IMPROVEMENTS		
CONTRACT NO. 99726				



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ROUTE NO. FAS 0904 (IL 166)	SECTION 23-00168-00-PV	COUNTY WILLIAMSON	SHEET NO. 40	TOTAL SHEETS 40
ILLINOIS		SALINE RIVER FARMS IL 166 IMPROVEMENTS		
CONTRACT NO. 99726				



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