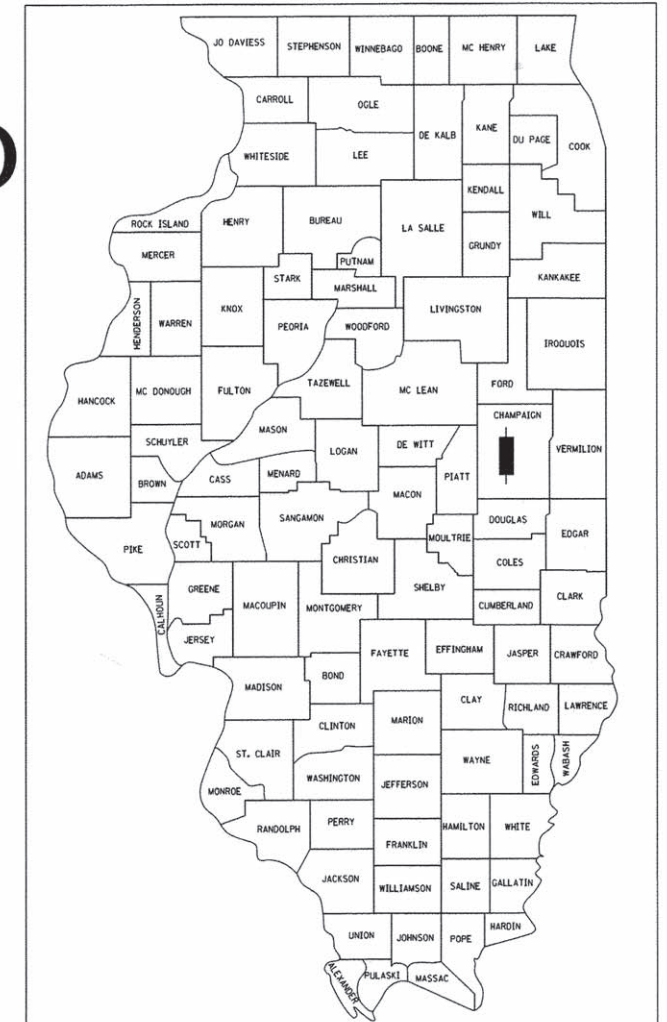


JOHN J. BLUE ILLINOIS PROFESSIONAL ENGINEER  
NO. 062-49267, LICENSE EXPIRES NOVEMBER 30, 2017  
CHAMPAIGN COUNTY HIGHWAY DEPARTMENT  
1605 E. MAIN STREET, URBANA, IL 61802



A circular professional engineer seal for John J. Blue, State of Illinois, No. 49267. The seal features the name "JOHN J. BLUE" at the top and "ILLINOIS" at the bottom, separated by two stars. The center contains the text "49267", "REGISTERED PROFESSIONAL ENGINEER", and "OF".

**CHAMPAIGN  
COUNTY**  
  
**HIGHWAY  
DEPARTMENT**

4/13/16  
DATE



GENERAL NOTES

MICROSTATION AND GEOPAK FILES OF THIS PROJECT WILL BE MADE AVAILABLE TO THE CONTRACTOR AFTER CONTRACT AWARD. IF THERE IS A CONFLICT BETWEEN THE ELECTRONIC FILES AND THE PRINTED CONTRACT PLANS AND DOCUMENTS, THE PRINTED CONTRACT PLANS AND DOCUMENTS SHALL TAKE PRECEDENCE OVER THE ELECTRONIC FILES. THE CONTRACTOR SHALL ACCEPT ALL RISK ASSOCIATED WITH USING THE ELECTRONIC FILES AND SHALL HOLD THE DEPARTMENT HARMLESS FOR ANY ERRORS OR OMISSIONS IN THE ELECTRONIC FILES AND THE DATA CONTAINED THEREIN. ERRORS OR DELAYS RESULTING FROM THE USE OF THE ELECTRONIC FILES BY THE CONTRACTOR SHALL NOT RESULT IN AN EXTENSION OF TIME FOR ANY INTERIM OR FINAL COMPLETION DATE OR SHALL NOT BE CONSIDERED CAUSE FOR ADDITIONAL COMPENSATION. THE CONTRACTOR SHALL NOT USE, SHARE, OR DISTRIBUTE THESE ELECTRONIC FILES EXCEPT FOR THE PURPOSE OF CONSTRUCTING THIS CONTRACT. ANY CLAIMS BY THIRD PARTIES DUE TO USE OR ERRORS SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL INCLUDE THIS DISCLAIMER WITH THE TRANSFER OF THESE ELECTRONIC FILES TO ANY OTHER PARTIES AND SHALL INCLUDE APPROPRIATE LANGUAGE BINDING THEM TO SIMILAR RESPONSIBILITIES. (G.N. 100B)

ALL ELEVATIONS SHOWN IN THE PLANS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. (NAVD 88) (G.N.-105.09A)

TEMPORARY EROSION CONTROL SEEDING IS INCLUDED IN THIS CONTRACT TO SEED DISTURBED EARTH DURING TIME PERIODS WHEN PERMANENT SEEDING IS NOT ALLOWED. SOME OR ALL OF THE TEMPORARY EROSION CONTROL SEEDING WILL BE DELETED IF IT IS POSSIBLE TO PLACE PERMANENT SEEDING ON EARTH AT THE TIME OF THEIR COMPLETION. (G.N.-280)

THE VARIOUS MULCH PAY ITEMS IN THE PLANS INCLUDE QUANTITIES FOR TEMPORARY MULCH FOR EROSION CONTROL. THE TEMPORARY MULCH INCLUDES MAINTENANCE AND REMOVAL IF NECESSARY, PER THE REQUIREMENTS OF ARTICLE 280 OF THE STANDARD SPECIFICATIONS, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED. SOME OR ALL OF THE MULCH USED AS TEMPORARY EROSION CONTROL WILL BE DELETED IF IT IS NOT NECESSARY DUE TO ESTABLISHMENT OF PERMANENT SEEDING. (G.N.-280A)

THE INCIDENTAL HOT-MIX ASPHALT SURFACING SHALL BE COMPACTED AS REQUIRED BY THE SPECIFICATIONS FOR DESIGN NUMBER OF GYRATIONS BEING USED, AT THE FOLLOWING LOCATIONS:  
1) STREET RADII.  
(G.N.-408B)

THE CONTRACTOR SHALL ASSEMBLE AND MATCH-MARK THE PRECAST BOX CULVERT SECTIONS AND END SECTIONS PRIOR TO SHIPMENT OF THESE COMPONENTS FROM THE MANUFACTURER, AND AS DIRECTED BY THE ENGINEER IN ORDER TO SECURE A PROPER FIT ON EACH JOINT. ANY SECTIONS OR END SECTIONS WHICH DO NOT PROVIDE A PROPER FIT AT THE JOINT SHALL BE REJECTED BY THE ENGINEER AND REPLACED BY THE CONTRACTOR WITH NO ADDITIONAL COMPENSATION BEING ALLOWED. THIS WORK WILL NOT BE PAID FOR SEPARATELY. BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER FOOT FOR PRECAST CONCRETE BOX CULVERTS OF THE SIZE SPECIFIED. (G.N.-540)

BEFORE ORDERING PIPE CULVERTS, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR THE EXACT LENGHTS. (G.N.-542)

ALL THE ENTRANCE CULVERTS LENGTHS SHOWN IN THE PLANS WERE CALCULATED WITH THE ASSUMPTION THAT METAL PIPES AND METAL END SECTION WOULD BE USED. (G.N.-542B)

BEFORE ORDERING STORM SEWERS, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR THE EXACT LENGTHS. (G.N.-550)

EXISTING STORM SEWERS SHALL BE REMOVED IN ACCORDANCE WITH SECTION 551 OF THE STANDARD SPECIFICATIONS EXCEPT THAT THE CONTRACTOR WILL NOT BE REQUIRED TO SALVAGE ANY EXISTING SEWER PIPE. (G.N.-551)

THE RESIDENT ENGINEER SHALL CONTACT THE PROGRAM DEVELOPMENT CHIEF OF SURVEYS PRIOR TO THE PRE-CONSTRUCTION CONFERENCE FOR INSTRUCTION AS TO SETTING OF TEMPORARY OR PERMANENT TIES FOR CENTERLINE ALIGNMENT CONTROL SURVEY MARKERS (P.C.'S, P.T.'S, AND P.I.'S). PROJECT IMPLEMENTATION PERSONNEL WILL BE RESPONSIBLE FOR LAYOUT OF THESE MARKERS. (G.N.-667)

HMA MIXTURE REQUIREMENTS

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT.

LOCATION	MAINLINE AND SIDE STREETS RISING ROAD AND CARDINAL ROAD AND INCIDENTAL SURFACING	BINDER
MIXTURE USE(S)	SURFACE	BINDER
AC/PG	PG 64-22	PG 64-22
DESIGN AIR VOIDS	4.0% @ NDES=50	4.0% @ NDES=50
MIX COMP (GRADATION)	IL-9.5	IL-19.0
FRICTION AGGREGATE	MIX C	N.A.
MIXTURE WEIGHT	112	112
QUALITY MANAGEMENT PROGRAM	QC/QA	QC/QA
SUBLOT SIZE	N.A.	N.A.

WHEREVER IN THE PLANS OR SPECIFICATIONS THE TERM STANDARD SPECIFICATIONS IS USED, IT SHALL BE UNDERSTOOD BY THE CONTRACTOR TO MEAN THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AS PREPARED BY THE DEPARTMENT OF TRANSPORTATION OF THE STATE OF ILLINOIS AND ADOPTED APRIL 1, 2016.

ANY REFERENCE STANDARDS THROUGHOUT THE PLANS SHALL BE INTERPRETED TO BE THE LATEST STANDARDS FO THE DEPARTMENT AS SHOWN ON THE SCHEDULE OF STANDARD DRAWINGS.

ENGLISH UNITS OF MEASUREMENT SHALL GOVERN OVER AND SUPERSEDE ANY METRIC UNITS SHOWN IN THIS CONTRACT. WHERE INCLUDED, METRIC UNITS ARE FOR INFORMATION ONLY.

THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES 48 HOURS PRIOR TO EXCAVATION OPERATIONS.

CALL J.U.L.I.E. 1-800-892-0123 FOR UNDERGROUND UTILITY LOCATION MARKING PRIOR TO START OF CONSTRUCTION.

UTILITIES - THESE DRAWINGS ILLUSTRATE THE APPROXIMATE LOCATION OF ALL KNOWN UNDERGROUND UTILITIES. THE CONTRACTOR MAY EXPECT TO FIND SUCH UTILITIES WITHIN APPROXIMATELY 5 FEET OF THE POSITION INDICATED ON THE DRAWINGS, BUT IN EVERY CASE THE CONTRACTOR SHALL LOCATE AND UNCOVER SUCH UTILITIES WITH THE ASSISTANCE OF THE RESPECTIVE UTILITY COMPANIES BEFORE ANY EXCAVATION IS STARTED.

UTILITY COMPANIES MAY BE ADJUSTING THEIR FACILITIES AT THE TIME OF CONSTRUCTION OF THIS PROJECT. THE CONTRACTOR SHALL COOPERATE WITH THOSE ORGANIZATIONS WHILE THEY PERFORM THEIR WORK.

DURING CONSTRUCTION THE CONTRACTOR MAY ENCOUNTER VARIOUS TYPES OF UNDERGROUND UTILITIES THAT MAY NOT BE SHOWN ON THE PLANS. THE CONTRACTOR SHALL COOPERATE WITH THE ENGINEER AND THE OWNER OF THE UTILITY WHILE THE UTILITY COMPANY ADJUSTS THEIR FACILITES IF NECESSARY. IF IT IS DETERMINED THAT THE UTILITY HAS BEEN ABANDONED, THE CONTRACTOR WILL BE DIRECTED TO REMOVE THE UTILITY LINES THAT CONFLICT WITH HIS WORK AND CAP OR PLUG THE LINES AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY AND WILL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE FOR EARTH EXCAVATION.

THE EXISTING TRAFFIC SIGNS AND DELINEATORS WHICH INTERFERE WITH CONSTRUCTION OPERATIONS SHALL BE REMOVED AND RESET AS DIRECTED BY THE ENGINEER. THE COST FOR DOING THIS WORK WILL BE CONSIDERED INCLUDED IN THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

SHRUBS, BUSHES AND STUMPS THAT INTERFERE WITH CONSTRUCTION OPERATIONS SHALL BE REMOVED AS SHOWN IN THE PLANS AND AS DIRECTED BY THE ENGINEER. COST OF REMOVAL OF SHRUBS, BUSHES OR STUMPS WILL BE INCLUDED IN THE ITEM EARTH EXCAVATION WITH NO ADDITIONAL COMPENSATION ALLOWED.

GRADING SHALL BE DONE BY HAND AROUND LIGHT POLES, UTILITY POLES, SIGN POSTS, SHRUBS, TREES AND OTHER NATURAL OR MAN-MADE OBJECTS WHERE SHALLOW FILLS OR CUTS ARE ADJACENT TO THESE ITEMS. IT IS THE INTENT THAT ITEMS THAT DO NOT NEED TO BE DISTURBED BY THE CONSTRUCTION SHALL BE PRESERVED. THE DECISION AS TO ITEMS TO REMAIN IN PLACE SHALL BE AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE FOR EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

ALL DEBRIS AND EXCESS MATERIAL (BROKEN CONCRETE, PIPES, WASTE EXCAVATION, ETC.) SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT-OF-WAY IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS.

ALL TRENCHES BELOW OR WITHIN TWO FEET OF THE PROPOSED PAVEMENT SHALL BE BACKFILLED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.

SEEDING SHALL BE DONE AT LOCATIONS SHOWN ON THE PLANS WHERE EXISTING EARTH HAS BEEN DISTURBED, AND AT LOCATIONS DIRECTED BY THE ENGINEER. ANY EXISTING AREAS OUTSIDE THE LIMITS OF CONSTRUCTION DAMAGED BY THE CONTRACTOR SHALL BE SEEDED AT HIS OWN EXPENSE AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

SPECIAL ATTENTION IS CALLED TO ARTICLE 250.07 REGARDING SEEDING DATES.

A N.P.D.E.S. PERMIT WILL BE REQUIRED FOR THIS PROJECT FOR EROSION AND SEDIMENT CONTROL. TO SATISFY THIS REQUIREMENT THE CONTRACTOR WILL BE REQUIRED TO PROVIDE INLET AND PIPE PROTECTION, TEMPORARY DITCH CHECKS, PERIMETER EROSION BARRIER AND EXPLORATION TRENCH AS SHOWN ON STANDARD 280001 AT LOCATIONS AS DIRECTED BY THE ENGINEER AND SHOWN ON THE EROSION AND SEDIMENT CONTROL PLAN SHEETS. AN ESTIMATED QUANTITY HAS BEEN INCLUDED IN THE PROJECT AND MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER.

THE MATERIAL OF PIPE CULVERT END SECTIONS SHALL MATCH THE MATERIAL OF THE PIPE CULVERT ON WHICH THEY ARE TO BE INSTALLED.

THE EXISTING FIELD TILES SHALL BE LOCATED AND CONNECTED WITH NEW STORM SEWERS AND CONCRETE COLLARS AND OUTLETTED AS SHOWN ON THE PLAN. THIS WORK SHALL BE AS DIRECTED BY THE ENGINEER. ANY CONCRETE COLLARS ARE TO BE CONSIDERED INCLUDED IN THE COST OF STORM SEWERS.

AT LOCATIONS INDICATED ON THE PLANS, PROPOSED STORM SEWERS ARE TO BE CONNECTED INTO EXISTING MANHOLES OR EXISTING STORM SEWERS. THESE CONNECTIONS SHALL BE MADE IN A WORKMANLIKE MANNER AND MASONRY CONSTRUCTED AROUND THEM SO AS TO PREVENT LEAKAGE. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS INCLUDED IN STORM SEWERS OF THE SIZE AND TYPE SPECIFIED AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED. CONCRETE COLLARS ARE TO BE CONSIDERED INCLUDED IN THE COST OF STORM SEWERS.

THE EXISTING STORM SEWERS AND PIPE CULVERTS SHOWN TO BE REMOVED ON THE PLANS SHALL BE DONE IN ACCORDANCE WITH SECTION 551 OF THE STANDARD SPECIFICATIONS EXCEPT THAT SALVAGING OF THE PIPE WILL NOT BE REQUIRED. THE EXISTING STORM SEWERS (FIELD TILES) THAT ARE REMOVED THAT ARE WITHIN THE LIMITS OF THE PROPOSED TRENCHES WILL NOT BE MEASURED FOR PAYMENT AND SHOULD BE CONSIDERED INCLUDED IN THE COST OF EXCAVATION FOR NEW STORM SEWERS. ALL PIPE CULVERTS THAT ARE REMOVED SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR PIPE CULVERT REMOVAL. PLAN SCHEDULES INCLUDE TYPE, SIZE AND LENGTH OF THESE CULVERTS FOR YOUR INFORMATION.

ALL DRAINAGE STRUCTURES, STORM SEWERS AND PIPE CULVERTS TO BE REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

ITEMS INCLUDED AS A CONTINGENCY FOR UNLOCATED FIELD TILE CROSSINGS:  
-STORM SEWER (SPECIAL), 6" - 300 L.F.  
-STORM SEWER (SPECIAL), 8" - 200 L.F.  
-STORM SEWER (SPECIAL), 10" - 100 L.F.

APPLICATION RATES USED FOR THIS PROJECT:  
-BITUMINOUS PRIME COAT: 0.025 LB/SF BETWEEN HMA LIFTS  
0.25 LB/SF ON AGGREGATE

HMA BINDER, SURFACE AND INCIDENTAL: 112 LB/SY/INCH

-PAVEMENT MARKINGS: 4' STRIP EVERY 40' OF CENTERLINE

-EXPLORATORY TRENCH IS INCLUDED IN AREAS OF CUT GREATER THAN 18" AND OTHER AREAS WHERE TILE INFORMATION IS NEEDED.

-DITCH CHECKS INCLUDED FOR EVERY 6" OF FALL FROM LOW POINT IN THE DITCH FLOWLINE.

THE SUPERELEVATION TABLE CAN BE FOUND IN THE SPECIAL PROVISIONS.

PRIMARY CONTROL FOR PROJECT

POINT	NORTHING	EASTING	ELEVATION
CITY OF CHAMPAIGN CONTROL STATION 122	1,265,713.0700	986,863.0000	718.66
CITY OF CHAMPAIGN CONTROL STATION 81	1,265,696.3000	984,143.4000	N/A
CITY OF CHAMPAIGN CONTROL STATION 121	1,262,872.6300	984,187.6300	713.45

CITY OF CHAMPAIGN GPS CONTROL POINT INFORMATION AND TIE SHEETS CAN BE FOUND AT THE FOLLOWING WEB ADDRESS:

<https://data.illinois.gov/Municipality/City-of-Champaign-GPS-Control-Points/i97v-wnmd>

COORDINATE LAYOUT TABLE

POINT	STATION	OFFSET	NORTHING	EASTING
CL	10+00.00	--	1,262,828.7290	984,172.2680
PC	26+05.87	--	1,264,434.5100	984,155.2300
PI	28+55.93	3.44' LT	1,264,684.5589	984,152.5769
PT	31+05.87	--	1,264,934.3750	984,163.6880
PC	32+10.87	--	1,265,039.2720	984,168.3530
PI	34+60.93	3.44' RT	1,265,289.0881	984,179.4641
PT	37+10.87	--	1,265,539.1370	984,176.8110
CL	38+66.86 = 103+00.00	--	1,265,695.1212	984,175.1558
CL	42+00.00	--	1,266,028.2380	984,171.6210
CL	100+00.00	--	1,265,699.7640	983,875.2030
CL	106+00.00	--	1,265,690.4770	984,475.2030
40' RADIUS POINT - SW	38+17.18	51.00' LT	1,265,644.8963	984,124.6859
40' RADIUS POINT - NE	39+16.55	51.00' RT	1,265,745.3462	984,225.6257

FILE NAME =	USER NAME = Fuhrmann2	DESIGNED - DAL	REVISED -	CHAMPAIGN COUNTY HIGHWAY DEPARTMENT	GENERAL NOTES	SCALE:	SHEET OF SHEETS	STA. TO STA.	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C:\Users\Fuhrmann2\Desktop\15-882\CADD\General Notes.dgn		DRAWN - JEM	REVISED -						TR 94	15-03439-00-SP	CHAMPAIGN	54	2
Default		PLOT SCALE = 20,0000' / in.	CHECKED - JJB						CONTRACT NO. 91531				
		PLOT DATE = 4/26/2016	DATE - 4/13/2016						ILLINOIS FED. AID PROJECT NO. HSIP-00191134				



PLAN	SURVEYED	BY	DATE	PLOTTED	CHECKED	BY	DATE	PLOT SCALE	BY	DATE
NOTE BOOK NO.										

PROFILE	SURVEYED	BY	DATE	PLOTTED	CHECKED	BY	DATE	PLOT SCALE	BY	DATE
NOTE BOOK NO.										

SUMMARY OF QUANTITIES

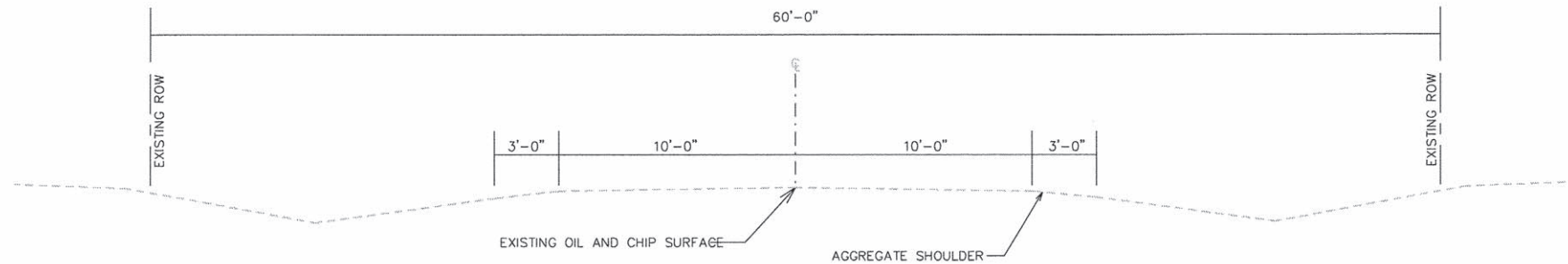
PAY ITEM	DESCRIPTION	UNITS	QUANTITY
* 20200100	EARTH EXCAVATION	CU YD	7,542
25000200	SEEDING, CLASS 2	ACRE	3.5
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	315
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	315
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	315
25100115	MULCH, METHOD 2	ACRE	3.5
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	700
28000305	TEMPORARY DITCH CHECKS	FOOT	264
28000400	PERIMETER EROSION BARRIER	FOOT	600
28000500	INLET AND PIPE PROTECTION	EACH	6
35100700	AGGREGATE BASE COURSE, TYPE A, 8"	SQ YD	6,497
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	13,250
40603080	HMA BINDER COURSE, IL-19.0, N50	TON	1,125.0
40603310	HMA SURFACE COURSE, MIX "C", N50	TON	450.0
40800025	BITUMINOUS MATERIALS (PRIME COAT)	POUND	490
40800050	INCIDENTAL HMA SURFACING	TON	60.0
48101500	AGGREGATE SHOULDERS, TYPE B, 6"	SQ YD	2,734
* 50105220	PIPE CULVERT REMOVAL	FOOT	188
* 54010602	PRECAST CONCRETE BOX CULVERTS 6' X 2'	FOOT	136
542D0220	PIPE CULVERTS, CLASS D, TYPE 1, 15"	FOOT	86
542D0223	PIPE CULVERTS, CLASS D, TYPE 1, 18"	FOOT	43
54213870	STEEL END SECTIONS 15"	EACH	4
54213873	STEEL END SECTIONS 18"	EACH	2
59300100	CONTROLLED LOW STRENGTH MATERIAL	CU YD	171
61100500	EXPLORATION TRENCH 52" DEPTH	FOOT	500
61139900	STORM SEWERS (SPECIAL), 6"	FOOT	300
61140000	STORM SEWERS (SPECIAL), 8"	FOOT	200
61140100	STORM SEWERS (SPECIAL), 10"	FOOT	100
67100100	MOBILIZATION	L SUM	1
Δ 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	4,819
70101835	TRAFFIC CONTROL AND PROTECTION STD BLR 22	L SUM	1
* XX004565	GROUTED RIPRAP	SQ YD	209
* Z0013798	CONSTRUCTION LAYOUT	L SUM	1
* Z0055300	RUMBLE STRIP	EACH	2
* Z0064500	SECTION MARKERS	EACH	2

\*SEE SPECIAL PROVISIONS. Δ SPECIALTY ITEMS

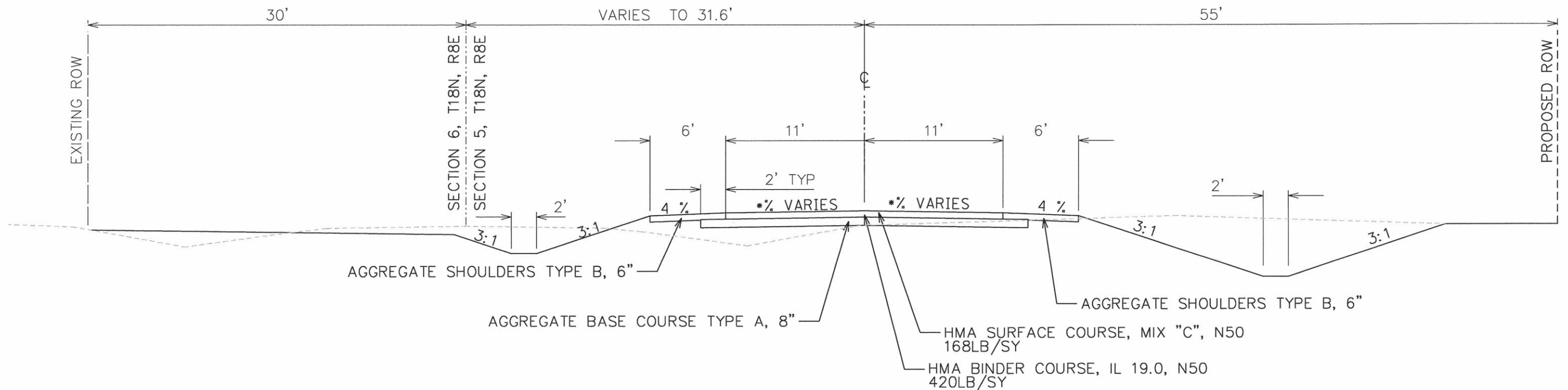


PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	CHECKED	
	FILED	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	CHECKED	
	FILED	
	NOTATION CHKD	



RISING ROAD  
 EXISTING TYPICAL SECTION  
 STATION 10+00.00 TO STATION 41+66.87  
 NOT TO SCALE (NTS)



PROPOSED TYPICAL SECTION  
 RISING STATION 10+00.00 TO STATION 41+66.87  
 NOT TO SCALE (NTS)

NOTE: STATION 10+00 TO 25+50 INCLUDES RIGHT  
 DITCH WORK ONLY. PAVEMENT SECTION BEGINS  
 AT STATION 25+50.

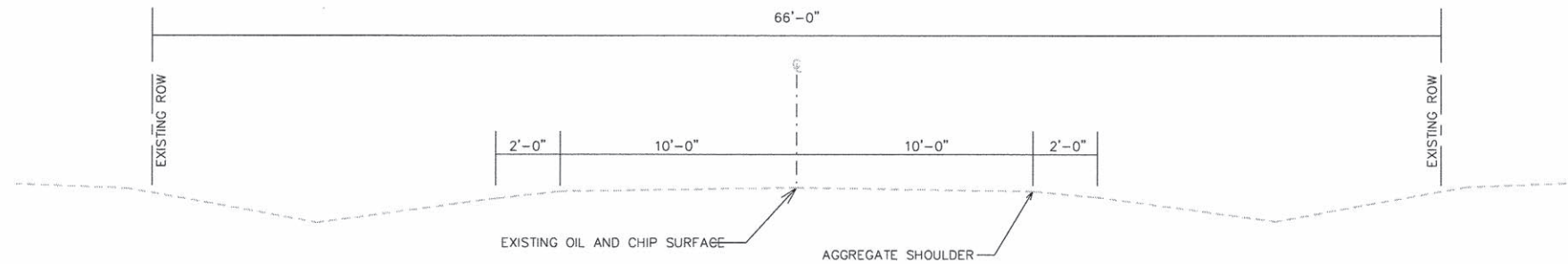
\* CROSS SLOPES VARY BETWEEN 25+53.37 & 37+63.37  
 SEE SUPERELEVATION TABLE. AT ALL OTHER LOCATIONS  
 THE CROSS SLOPE SHALL BE 1.5% NORMAL CROWN

FILE NAME =	USER NAME = Fuhrmann2	DESIGNED - DAL	REVISED -	CHAMPAIGN COUNTY HIGHWAY DEPARTMENT				TYPICAL SECTIONS RISING ROAD				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C:\Users\Fuhrmann2\Desktop\15-882\CADD\T	Local Section.dgn	DRAWN - JEM	REVISED -									TR 94	15-03439-00-SP	CHAMPAIGN	54	4
Default	PLOT SCALE = 2,0000 ' / in.	CHECKED - JJB	REVISED -									CONTRACT NO. 91531				
	PLOT DATE = 4/15/2016	DATE - 4/13/2016	REVISED -									ILLINOIS FED. AID PROJECT NO. HSIP-0019134				
								SCALE:	SHEET	OF	SHEETS	STA.	TO STA.			



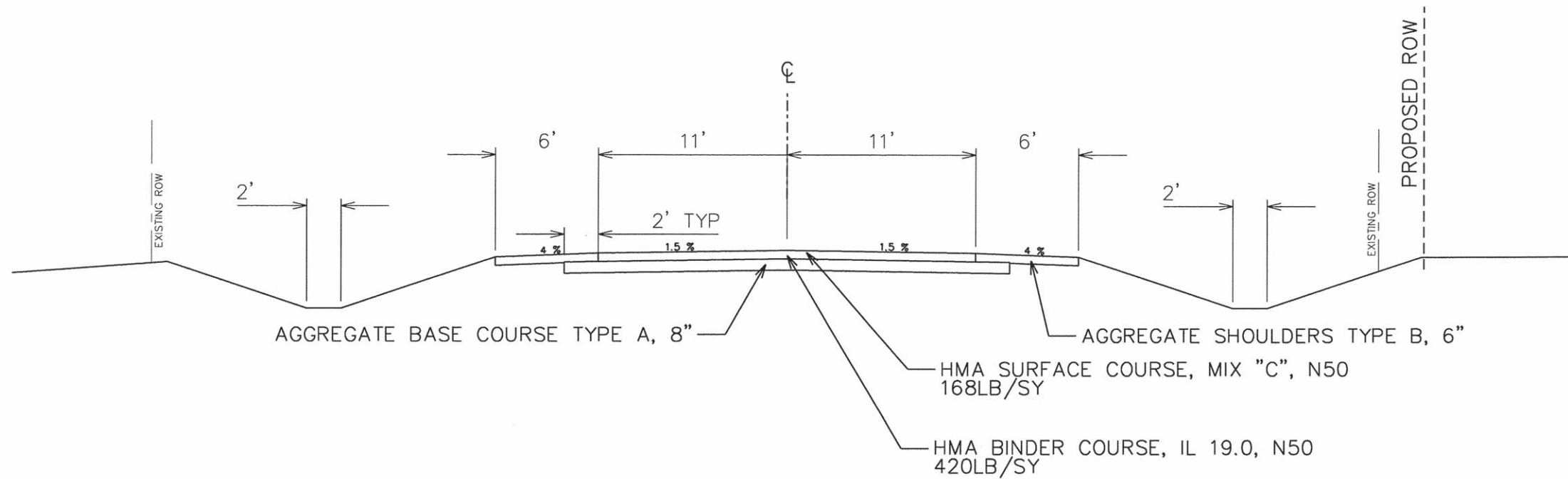
PLAN	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	ALIGNMENT CHECKED		
	GRADE CHECKED		
	CADD FILE NAME		

PROFILE	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	GRADES CHECKED		
	STRUCTURE NOTATIONS CHKO		



### CARDINAL ROAD EXISTING TYPICAL SECTION

STATION 100+00.00 TO STATION 106+00.07  
NOT TO SCALE (NTS)



### PROPOSED TYPICAL SECTION

CARDINAL STATION 100+00.00 TO STATION 106+00.00  
NOT TO SCALE (NTS)

FILE NAME =	USER NAME = Fuhrmann2	DESIGNED - DAL	REVISED -	<b>CHAMPAIGN COUNTY HIGHWAY DEPARTMENT</b>  <b>TYPICAL SECTIONS CARDINAL ROAD</b>				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C:\Users\Fuhrmann2\Desktop\15-882\CADD\Typical Section.dgn		DRAWN - JEM	REVISED -					TR 94	15-03439-00-SP	CHAMPAIGN	54	5
Default	PLOT SCALE = 2.0000' / 1"	CHECKED - JJB	REVISED -					CONTRACT NO. 91531				
	PLOT DATE = 4/15/2016	DATE - 4/13/2016	REVISED -					ILLINOIS FED. AID PROJECT NO. HSIP-0019(134)				
				SCALE:	SHEET	OF	SHEETS	STA.	TO STA.			



PLAN	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____ ALIGNMENT CHECKED _____ RT. OF WAY CHECKED _____ C400 FILE NAME _____		
NOTE BOOK			
NO. _____			

PROFILE	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
NOTE BOOK	GRADES CHECKED _____		
NO. _____	B.M. NOTED _____		
	STRUCTURE NOTAT'NS CHK'D _____		

XX004565 - GROUTED RIPRAP			
STATION TO STATION			SQ YD
RT	10+00	10+20	107
RT	103+50		51
LT	103+50		51
TOTAL			209

48101500 - AGGREGATE SHOULDERS, TYPE B, 6"			
STATION TO STATION			SQ YD
RT	25+50	106+00	1,023
LT	25+50	100+00	1,028
LT	100+00	41+66.86	339
RT	41+66.86	106+00	344
<b>TOTAL</b>			<b>2,734</b>

54010602	
PRECAST CONCRETE BOX	
CULVERTS 6' X 2'	
STATION	FOOT
103+46	68
103+53	68
<b>TOTAL</b>	<b>136</b>

Z0064500		
SECTION MARKERS		
STATION		EACH
LT	38+68	1
RT	38+68	1
<b>TOTAL</b>		<b>2</b>

28000305 - TEMPORARY DITCH CHECKS		
STATION		FOOT
RT	11+00	12
RT	13+00	12
RT	15+50	12
RT	19+23	12
RT	21+75	12
RT	24+25	12
RT	26+75	12
RT	29+25	12
RT	31+75	12
RT	34+25	12
RT	36+75	12
RT	39+91	12
RT	40+75	12
RT	41+60	12
RT	104+37	12
LT	32+00	12
LT	36+50	12
LT	38+39	12
LT	40+75	12
LT	41+75	12
LT	100+60	12
LT	104+75	12
<b>TOTAL</b>		<b>264</b>
NOTE: PROVIDED EVERY 6" OF FALL FROM LOW POINT IN DITCH.		



PLAN	SURVEYED	DATE
	ALIGNED	BY
	CHECKED	
	RT. OF WAY CHECKED	
NOTE BOOK NO.	ADD FILE NAME	

PROFILE	SURVEYED	DATE
	ALIGNED	BY
	CHECKED	
	GRADE NOTED	
NOTE BOOK NO.	STRUCTURE NOTATIONS CHYD	

SCHEDULE OF QUANTITIES

STATION TO STATION		40600275	40603080	40603310	40800025	40800050
		BIT MATLS (PRIME COAT)	HMA BINDER COURSE, IL-19.0, N50	HMA SURFACE COURSE, MIX "C", N50	BITUMINOUS MATERIALS (PRIME COAT)	INCIDENTAL HMA SURFACING
		POUND	TON	TON	POUND	TON
25+50	41+66.86	9,785	831.0	333.0		
100+00	102+50	1,715	146.0	58.0		
103+50	106+00	1,750	148.0	59.0		
SW					90	11.0
SE					155	19.0
NW					155	19.0
NE					90	11.0
TOTAL		13,250	1,125.0	450.0	490	60.0

PIPE CULVERTS					END SECTIONS			
STATION		FYI EX. DESCRIPTION	50105220	542D0220	542D0223	54213870	54213873	59300100
			PIPE CULVERT REMOVAL	CL D, TY 1, 15"	CL D, TY 1, 18"	STEEL END SECTIONS, 15"	STEEL END SECTIONS, 18"	CLSM
			FOOT	FOOT	FOOT	EACH	EACH	CU YD
RT	19+00	15" CMP	28					
LT	22+25	15" CMP	0					
28+00		--		43		2		8
34+00		--			43		2	16
RT	39+25	12" CMP	31					
102+00		--		43		2		12
RT	103+50	12" CMP	24					
103+50		--						56
103+77.5		24"X35" ARCH	31					79
103+82.2		15' CMP	37					
103+88.3		24" CMP	37					
TOTAL			188	86	43	4	2	171

78001110 - PAINT PAVEMENT MARKING LINE 4"				
STATION TO STATION			TYPE	FOOT
	25+50	41+66.86	CL SKIP-DASH	410
	100+00	102+80	CL SKIP-DASH	70
	103+10	106+00	CL SKIP-DASH	70
RT	25+50	106+00	EDGE	1,573
LT	25+50	100+00	EDGE	1,579
LT	100+00	41+66.86	EDGE	555
RT	41+66.86	106+00	EDGE	562
TOTAL				4,819

EARTHWORK SCHEDULE	CU YD
EARTH EXCAVATION	
RISING ROAD	7,103
CARDINAL ROAD	439
TOTAL EARTH EXCAVATION (20200100)	7,542
FILL - RISING ROAD	2,689
FILL - CARDINAL ROAD	666
TOTAL EMBANKMENT	3,355
BORROW = Embankment - [Suitable Ex. X (1 - 0.25)]	-2,302
WASTE = (1 - 0.25) x EXCAVATION - EMBANKMENT =	2,302
BORROW = FURNISHED EXCAVATION =	0
1.25 REPRESENTS 25% SHRINKAGE FACTOR	





PLAN		BY	DATE
SURVEYED _____			
PLOTTED _____			
ALIGNMENT CHECKED _____			
RT. OF WAY CHECKED _____			
CADD FILE NAME _____			



<b>PROFILE</b>	SURVEYED _____ BY _____ DATE _____
	PLOTTED _____
<b>NOTE BOOK</b>	GRADES CHECKED _____
<b>NO. _____</b>	B.M. NOTED _____
	STRUCTURE NOTATIONS CH'KD _____



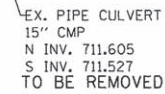
## PLAN AND PROFILE

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TR 94	15-03439-00-SP	CHAMPAIGN	54	8
		CONTRACT NO. 91531		
ILLINOIS FED. AID PROJECT NO. HSP-00191341				





PROFILE	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK	GRADES CHECKED		
	B.M. NOTED		
NO. _____	STRUCTURE NOTATIONS CHK'D		



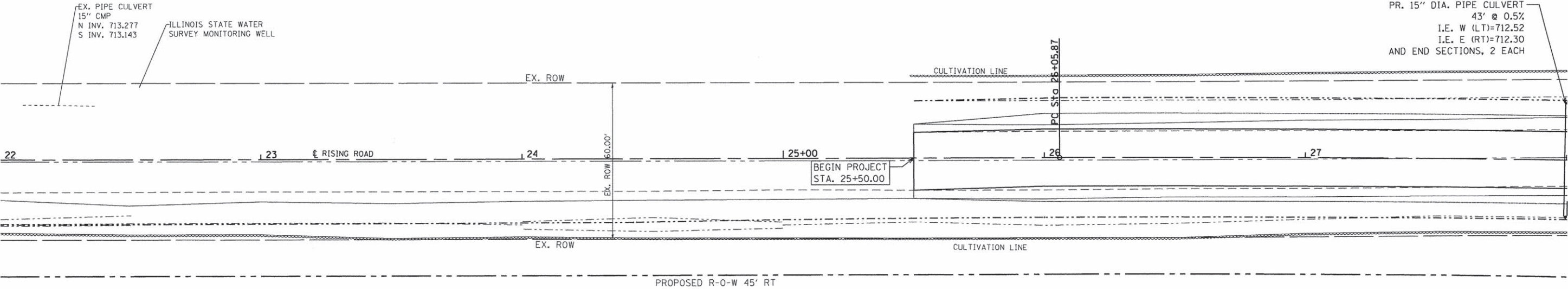
Station	Right-of-Way (Rt. Fl. Elev. Typ.)	Existing Ground Profile (Along Proposed C)	Right Ditch Flowline
16+00	713.65	707.77	
16+10	713.90	707.82	
16+20	714.16	707.87	
16+30	714.27	707.92	
16+40	714.37	707.97	
16+50	714.24	708.02	
16+60	714.10	708.07	
16+70	713.80	708.12	
16+80	713.50	708.17	
16+90	713.35	708.22	
17+00	713.19	708.27	
17+10	713.17	708.32	
17+20	713.14	708.37	
17+30	713.25	708.42	
17+40	713.35	708.47	
17+50	713.55	708.52	
17+60	713.75	708.57	
17+70	713.95	708.62	
17+80	714.14	708.67	
17+90	714.26	708.72	
18+00	714.37	708.77	
18+10	714.42	708.82	
18+20	714.46	708.87	
18+30	714.37	708.92	
18+40	714.28	708.97	

FILE NAME =	USER NAME = Fuhrmann2	DESIGNED - DAL	REVISED -	CHAMPAIGN COUNTY HIGHWAY DEPARTMENT	PLAN AND PROFILE	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
C:\Users\Fuhrmann2\Desktop\15-882\CADD\VP2.dgn	DRAWN - JEM	REVISED -	TR 94			15-03439-00-SP	CHAMPAIGN	54	9		
Default	PLOT SCALE = 20.0000' / 1IN	CHECKED - JJB	REVISED -			CONTRACT NO. 91531					
	PLOT DATE = 4/15/2016	DATE - 4/13/2016	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.	TO STA.

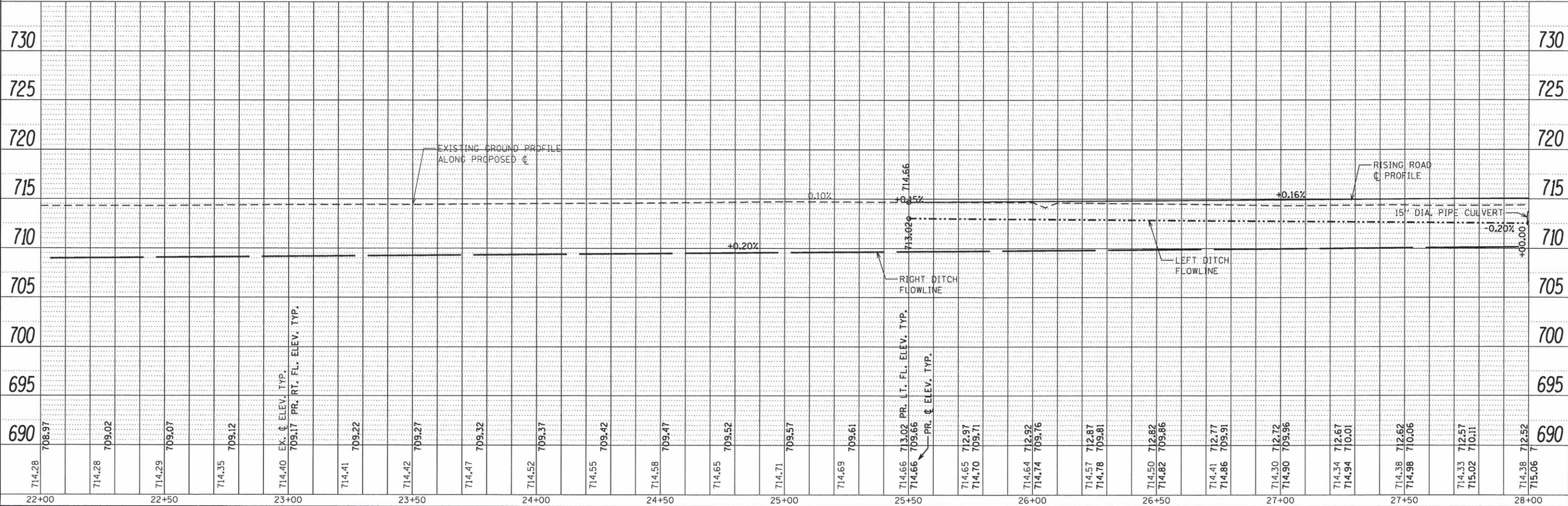




PLAN	SURVEYED	BY	DATE
NOTED	PLOTTED		
NO.	RT. OF WAY CHECKED		
	CADD FILE NAME		



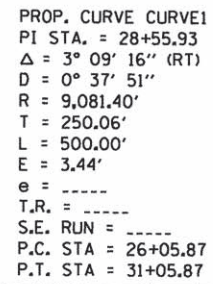
PROFILE	SURVEYED	BY	DATE
NOTED	PLOTTED		
NO.	RT. OF WAY CHECKED		
	STRUCTURE NOTATIONS CHKD		



FILE NAME =	USER NAME = Fuhrmann2	DESIGNED - DAL	REVISED -	CHAMPAIGN COUNTY HIGHWAY DEPARTMENT	PLAN AND PROFILE	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
C:\Users\Fuhrmann2\Desktop\15-882\CADD\PR3.dgn		DRAWN - JEM	REVISED -			TR 94	15-03439-00-SP	CHAMPAIGN	54	10	
Default	PLOT SCALE = 20.0000 ' / in.	CHECKED - JJB	REVISED -			CONTRACT NO. 91531					
	PLOT DATE = 4/15/2016	DATE - 4/13/2016	REVISED -			ILLINOIS FED. AID PROJECT NO. HSP-001901341					
				SCALE:	SHEET	OF	SHEETS	STA.	TO STA.		



PR. 18" DIA. PIPE CULVERT  
43' @ 0.5%  
I.E. W (LT)=712.07  
I.E. E (RT)=711.85  
AND END SECTIONS, 2 EACH

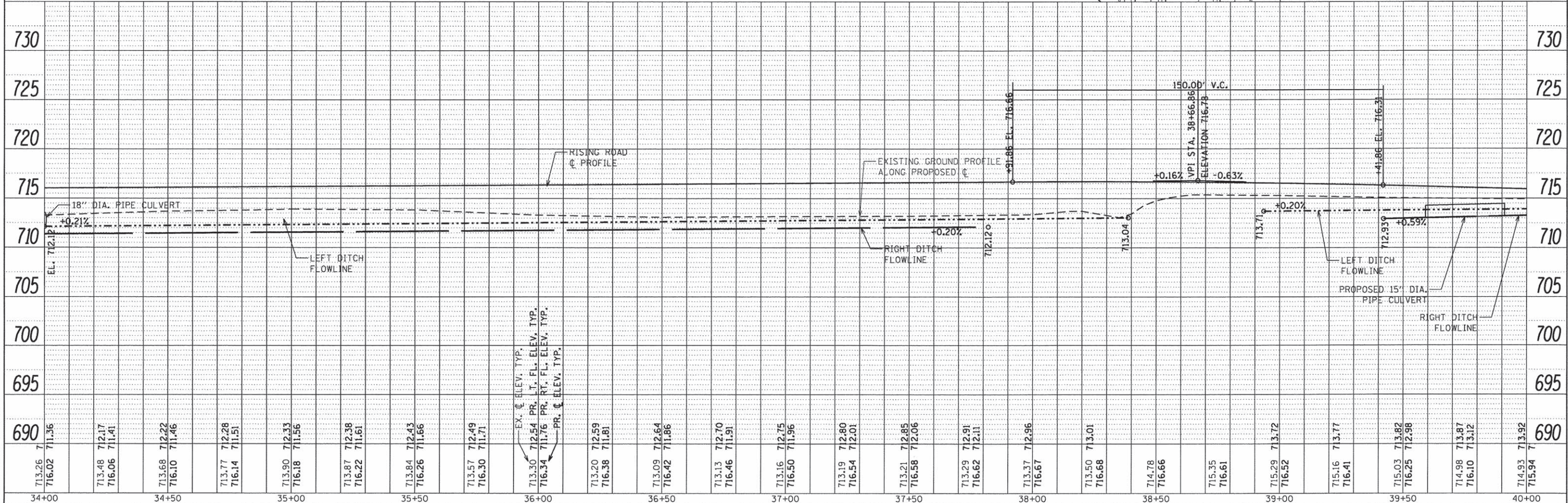


Station	Left Ditch Flowline (ft)	Right Ditch Flowline (ft)	Existing Ground Profile (ft)	Rising Road Center Profile (ft)
28+00	714.38	715.06	710.16	712.52
28+10	714.50	715.10	710.21	712.57
28+20	714.63	715.14	710.26	712.62
28+30	714.72	715.18	710.31	712.67
28+40	714.82	715.22	710.36	712.72
28+50	714.96	715.26	710.41	712.77
29+00	715.06	715.30	710.46	712.82
29+10	714.85	715.34	710.51	712.87
29+20	714.86	715.38	710.56	712.92
29+30	714.84	715.46	710.66	712.82
29+40	714.66	715.50	710.71	712.77
29+50	714.58	715.54	710.76	712.72
30+00	714.29	715.58	710.81	712.67
30+10	713.96	715.62	710.86	712.62
30+20	713.47	715.66	710.91	712.57
30+30	712.98	715.70	710.96	712.52
30+40	712.92	715.74	711.01	712.47
30+50	712.87	715.78	711.06	712.42
31+00	712.81	715.82	711.11	712.37
31+10	712.75	715.86	711.16	712.32
31+20	712.79	715.90	711.21	712.27
31+30	712.89	715.94	711.26	712.22
31+40	713.07	715.98	711.31	712.17
31+50	713.26	716.02	712.12	712.12

FILE NAME =	USER NAME = Fuhrmann2	DESIGNED - DAL	REVISED -	CHAMPAIGN COUNTY HIGHWAY DEPARTMENT	PLAN AND PROFILE					F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C:\Users\Fuhrmann2\Desktop\15-882\CADD\PR4.dgn	DRAWN - JEM	REVISED -	TR 94							15-03439-00-SP	CHAMPAIGN	54	11	
Default	PLOT SCALE = 20.0000' / in.	CHECKED - JJB	REVISED -		CONTRACT NO. 91531									
	PLOT DATE = 4/15/2016	DATE = 4/13/2016	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT NO. HSIP-00191347			



PROFILE	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK	GRADES CHECKED		
NO. _____	B.M. NOTED		
	STRUCTURE NOTATIONS CHK'D		

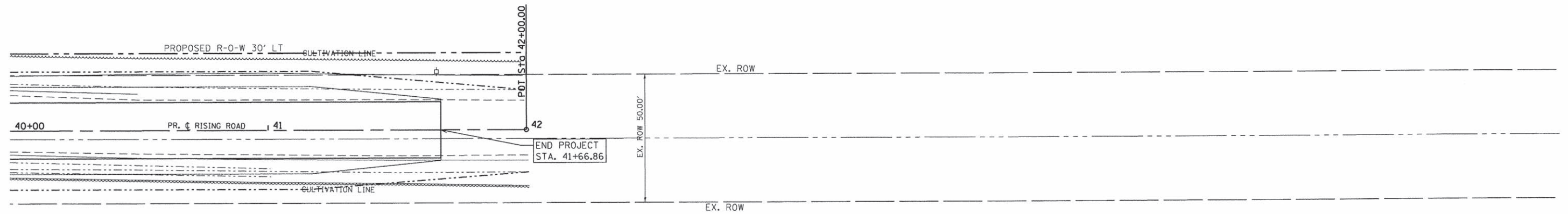


FILE NAME =	USER NAME = Fuhrmann2	DESIGNED - DAL	REVISED -	CHAMPAIGN COUNTY HIGHWAY DEPARTMENT	PLAN AND PROFILE	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C:\Users\Fuhrmann2\Desktop\15-882\CADD\PR5.dgn	DRAWN - JEM	REVISED -				TR 94	15-03439-00-SP	CHAMPAIGN	54	12
PLOT SCALE = 20.0000' / in.	CHECKED - JJB	REVISED -				CONTRACT NO. 91531				
Default	PLOT DATE = 4/15/2016	DATE = 4/13/2016	REVISED -			ILLINOIS FED. AID PROJECT NO. HSIP-00191341				

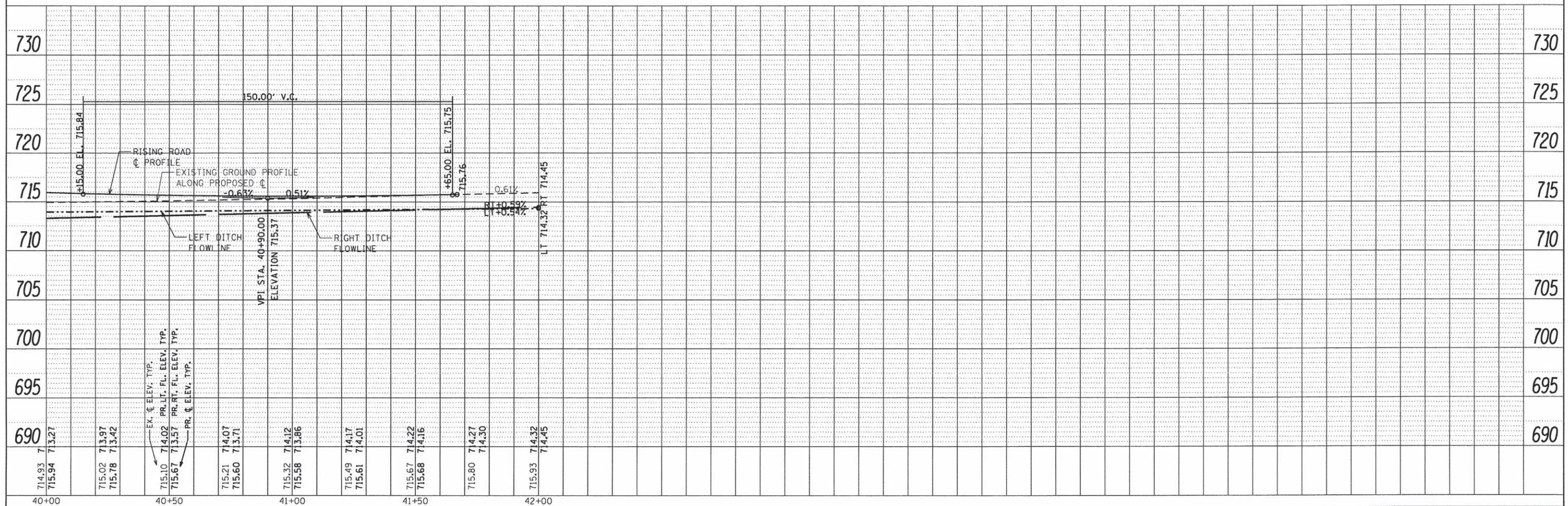


A north arrow pointing to the right, labeled with a large 'N'. To the left of the arrow is a scale bar with markings for 0, 10, 20, and 30 meters.

PLAN	SURVEYED	BY	DATE
	PLOTTED _____ ALIGNMENT CHECKED _____ PT. OF WAY CHECKED _____ CAD FILE NAME _____		
NOTE BOOK			
NO. _____			



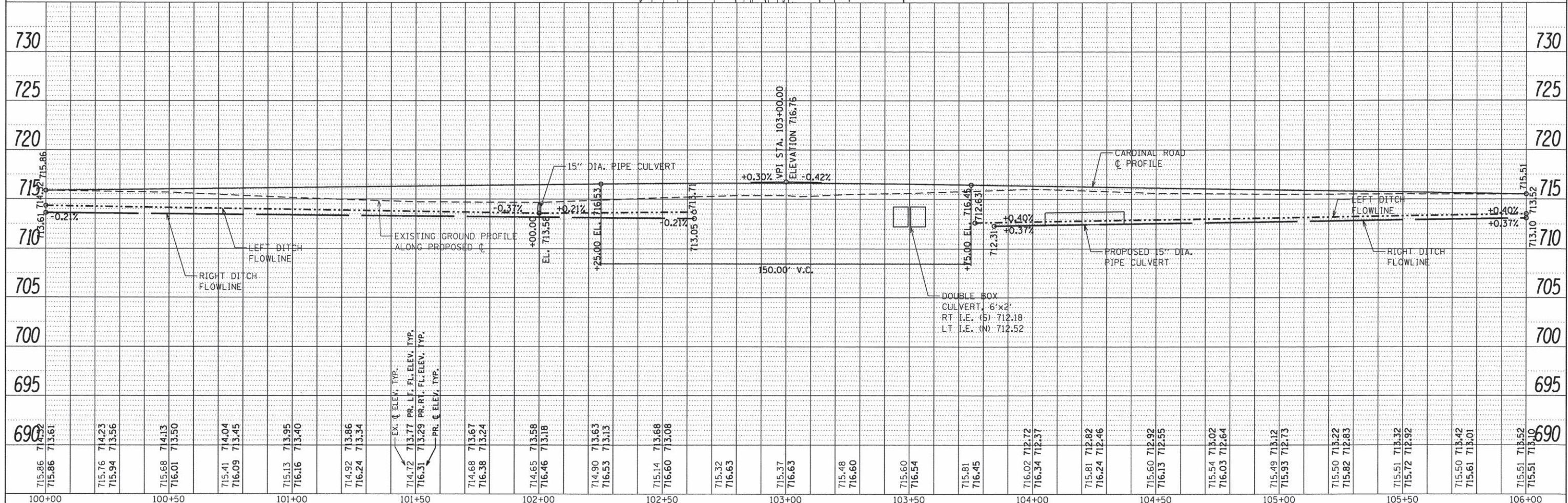
PROFILE	SURVEYED _____	BY _____	DATE _____
	PIOTTED _____		
	GRADES CHECKED _____		
	B.M. NOTED _____		
NOTE BOOK _____	STRUCTURE NOTED CHKD _____		
NO. _____			



FILE NAME =	USER NAME = Fuhrmann2	DESIGNED - DAL	REVISED -	<div>CHAMPAIGN COUNTY HIGHWAY DEPARTMENT</div> <div>PLAN AND PROFILE</div> <div>SCALE: SHEET OF SHEETS STA. TO STA.</div>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C:\Users\Fuhrmann2\Desktop\15-882\CADD\PH6.dgn	DRAWN - JEM	REVIS	REVISED -		TR 94	15-03439-00-SP	CHAMPAIGN	54	13
Default	PLOT SCALE = 20.0000' / in.	CHECKED - JJB	REVISED -		CONTRACT NO. 91531				
	PLOT DATE = 4/15/2016	DATE = 4/13/2016	REVISED -		ILLINOIS FED. AID PROJECT NO. HSIP-0019(134)				



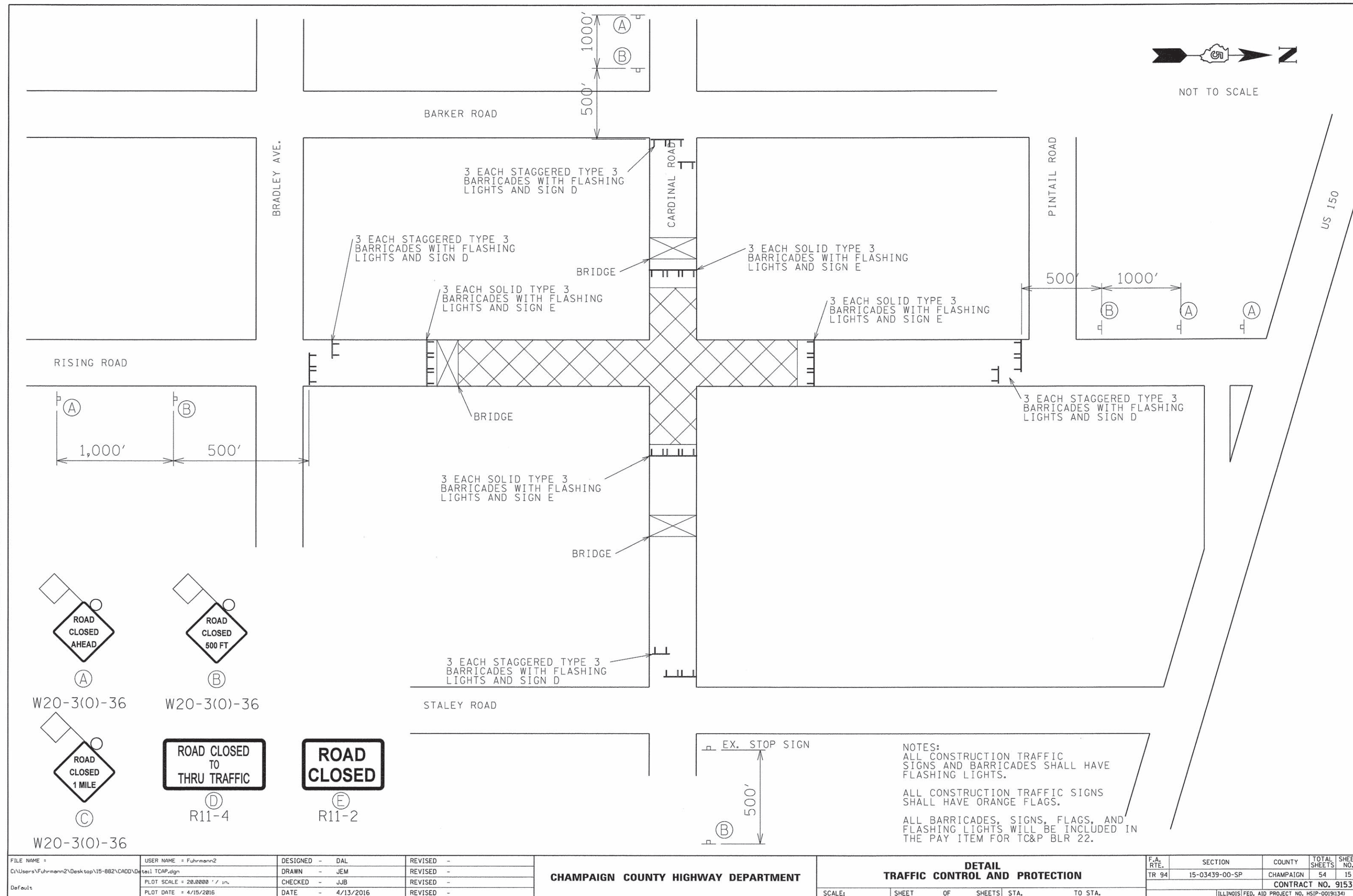
PROFILE	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK	GRADES CHECKED		
NO. _____	B.M. NOTED		
	STRUCTURE NOTATIONS CHKD		



FILE NAME =	USER NAME = Fuhrmann2	DESIGNED - DAL	REVISED -	<div>CHAMPAIGN COUNTY HIGHWAY DEPARTMENT</div> <div>PLAN AND PROFILE</div> <div>SCALE: SHEET OF SHEETS STA. TO STA.</div>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C:\Users\Fuhrmann2\Desktop\15-882\CADD\PR7.dgn	DRAWN - JEM	REVISED -	REVISED -		TR 94	15-03439-00-SP	CHAMPAIGN	54	14
Default	PLOT SCALE = 20.0000' / 1in.	CHECKED - JJB	REVISED -		CONTRACT NO. 91531				
	PLOT DATE = 4/15/2016	DATE - 4/13/2016	REVISED -		ILLINOIS FED. AID PROJECT NO. HSIP-0019134				



PROFILE	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
NOTE BOOK	GRADES CHECKED _____		
NO. _____	B.M. NOTED _____		
	STRUCTURE NOTATIONS CHKD _____		

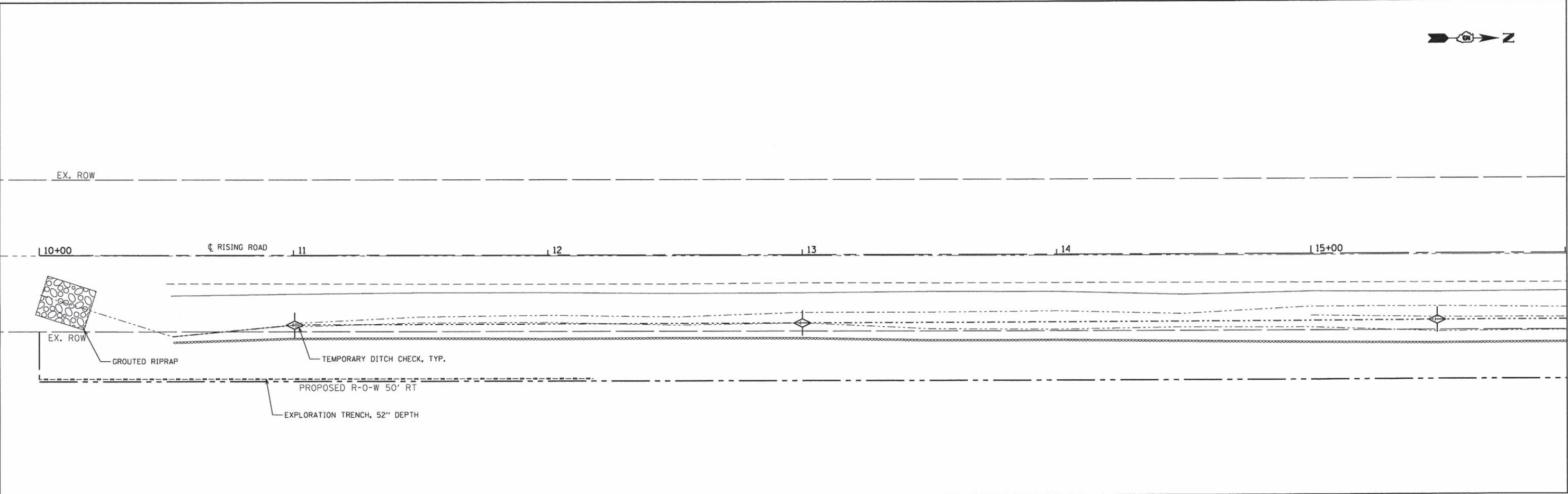


FILE NAME =	USER NAME = Fuhrmann2	DESIGNED - DAL	REVISED -	CHAMPAIGN COUNTY HIGHWAY DEPARTMENT	DETAIL TRAFFIC CONTROL AND PROTECTION	F.A. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
C:\Users\Fuhrmann2\Desktop\15-882\CADD\Drawings\15-882-TCAP.dgn	tail TCAP.dgn	DRAWN - JEM	REVISED -			TR 94	15-03439-00-SP	CHAMPAIGN	54	15	
Default	PLOT SCALE = 20.0000' / in.	CHECKED - JJB	REVISED -			CONTRACT NO. 9153					
	PLOT DATE = 4/15/2016	DATE - 4/13/2016	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.	TO STA.

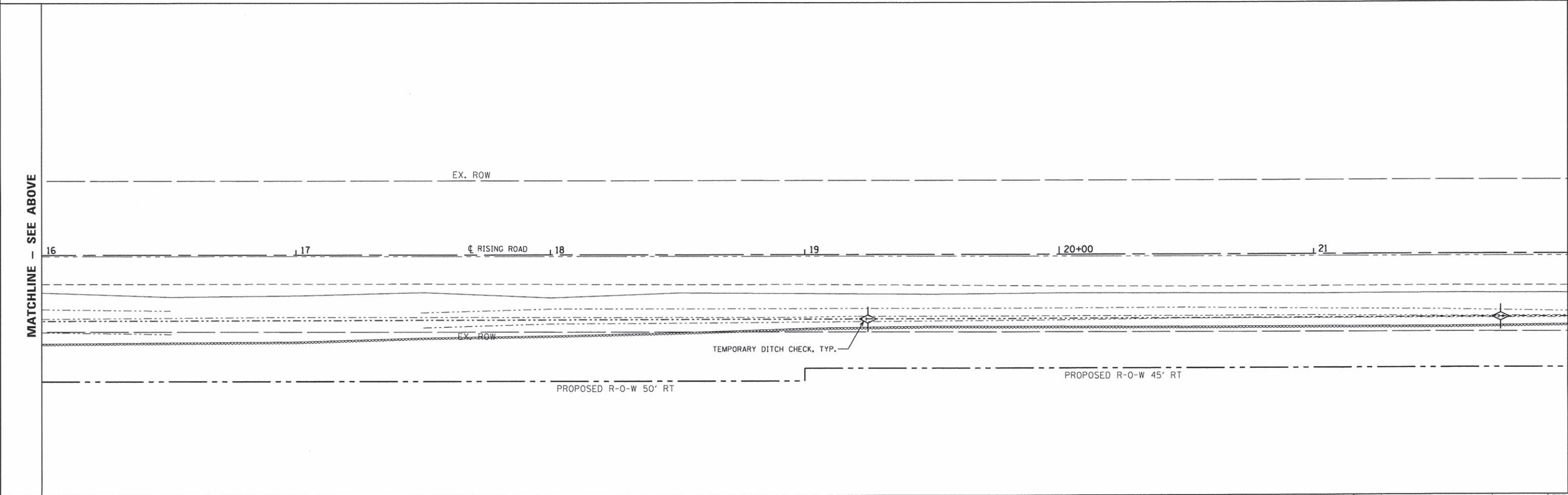


PLAN	DATE
DESIGNED	BY
GRADES CHECKED	DATE
NOTED	
NO.	

PROFILE	DATE
DESIGNED	BY
GRADES CHECKED	DATE
NOTED	
NO.	



MATCHLINE - SEE BELOW



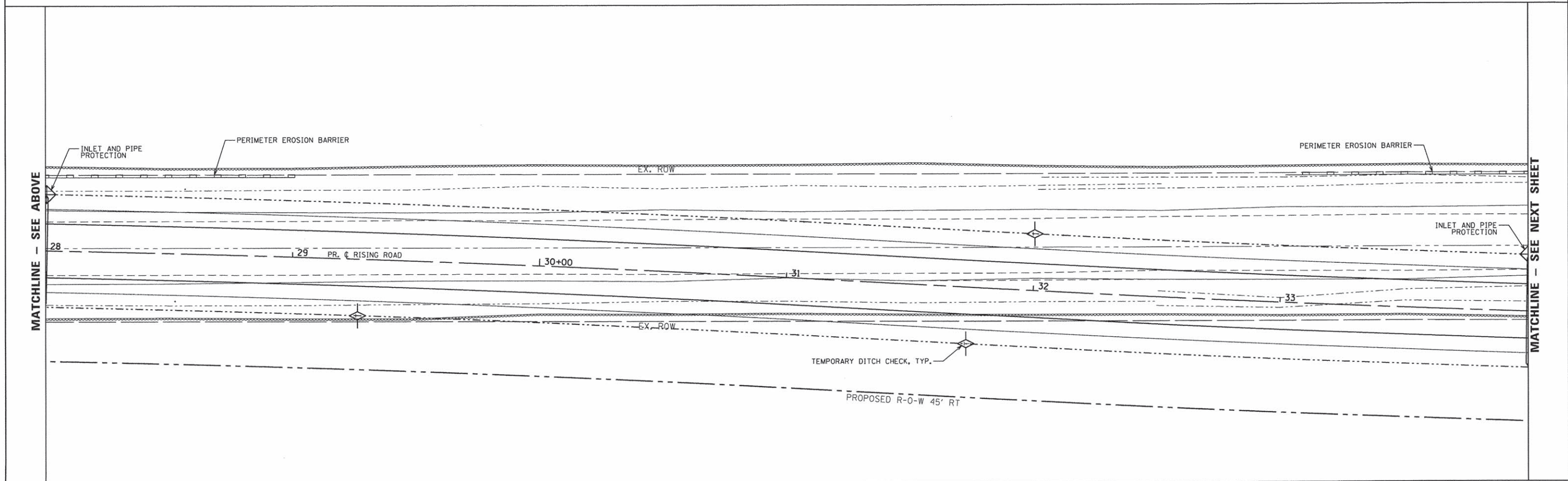
MATCHLINE - SEE ABOVE

MATCHLINE - SEE NEXT SHEET

FILE NAME =	USER NAME = Fuhrmann2	DESIGNED - DAL	REVISED -	CHAMPAIGN COUNTY HIGHWAY DEPARTMENT	EROSION CONTROL PLAN				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C:\Users\Fuhrmann2\Desktop\15-882\CADD\EDP1.dgn		DRAWN - JEM	REVISED -						TR 94	15-03439-00-SP	CHAMPAIGN	54	16
Default	PLOT SCALE = 20.0000' / 1in.	CHECKED - JJB	REVISED -		CONTRACT NO. 91531								
	PLOT DATE = 4/15/2016	DATE - 4/13/2016	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	ILLINOIS FED. AID PROJECT NO. HSIP-0019(134)	



PROFILE	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
NOTE BOOK	GRADES CHECKED _____		
NO. _____	B.M. NOTED _____		
	STRUCTURE NOTATIONS CHK'D _____		



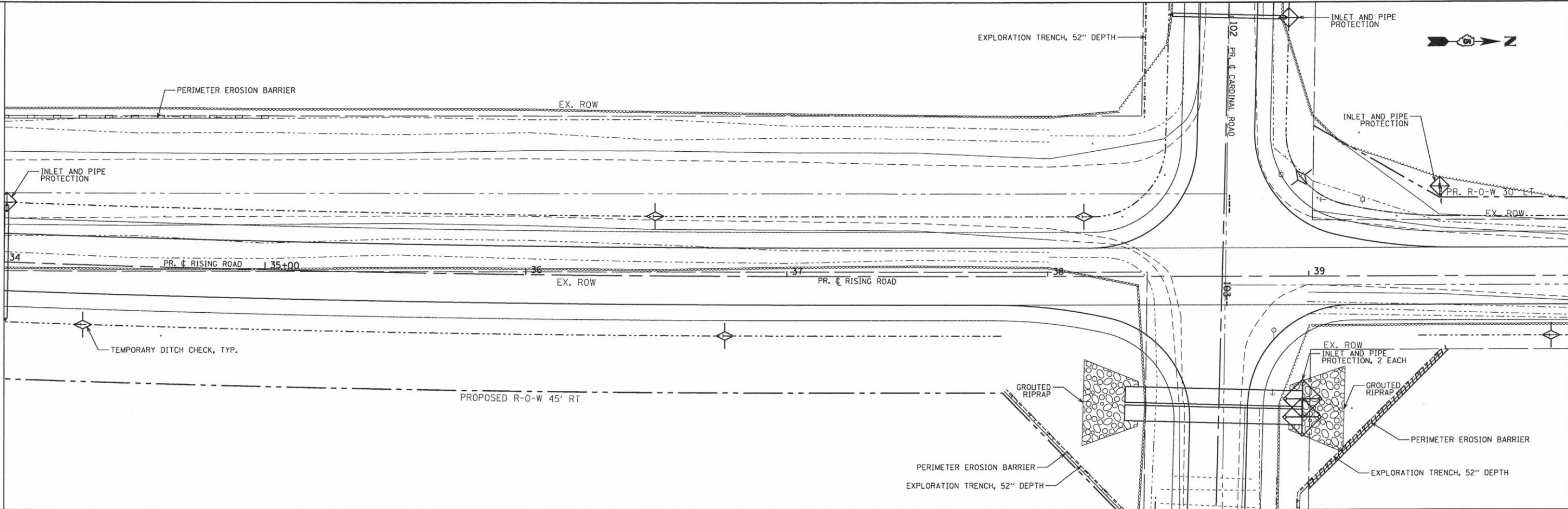
FILE NAME =	USER NAME = Fuhrmann2	DESIGNED - DAL	REVISED -	CHAMPAIGN COUNTY HIGHWAY DEPARTMENT	EROSION CONTROL PLAN					F.A. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C:\Users\Fuhrmann2\Desktop\15-882\CADD\EXP2.dgn	DRAWN - JEM	REVISED -	REVISED -		TR 94	15-03439-00-SP	CHAMPAIGN	54	17					
Default	PLOT SCALE = 20.0000' / in.	CHECKED - JJB	REVISED -		CONTRACT NO. 91531									
	PLOT DATE = 4/15/2016	DATE - 4/13/2016	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT NO. HSIP-00191341			



PLAN	DATE
SURVEYED	BY
ALIGNED	BY
CHECKED	BY
NO. 1	NO. 1
NO. 2	NO. 2
NO. 3	NO. 3
NO. 4	NO. 4
NO. 5	NO. 5
NO. 6	NO. 6
NO. 7	NO. 7
NO. 8	NO. 8
NO. 9	NO. 9
NO. 10	NO. 10

PROFILE	DATE
DESIGNED	BY
PLANNED	BY
CHECKED	BY
NO. 1	NO. 1
NO. 2	NO. 2
NO. 3	NO. 3
NO. 4	NO. 4
NO. 5	NO. 5
NO. 6	NO. 6
NO. 7	NO. 7
NO. 8	NO. 8
NO. 9	NO. 9
NO. 10	NO. 10

MATCHLINE - SEE PREVIOUS SHEET



MATCHLINE - SEE BELOW

MATCHLINE - SEE ABOVE

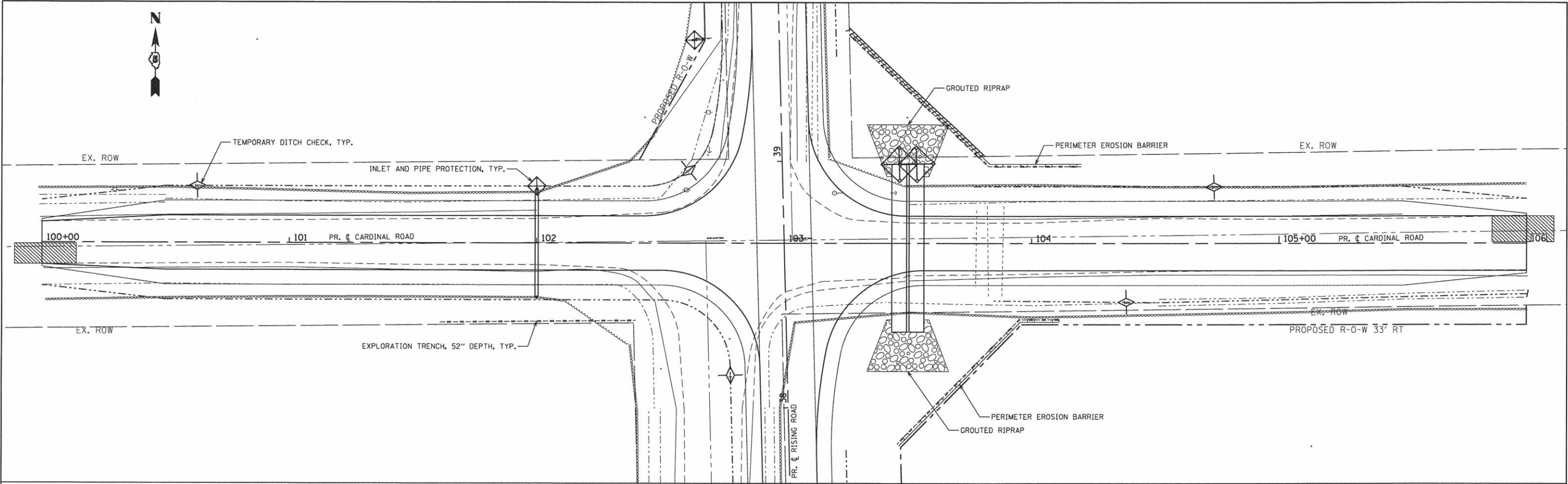


FILE NAME =	USER NAME = Fuhrmann2	DESIGNED - DAL	REVISED -	CHAMPAIGN COUNTY HIGHWAY DEPARTMENT	EROSION CONTROL PLAN		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C:\Users\Fuhrmann2\Desktop\15-882\CADD\ECOP3.dgn		DRAWN - JEM	REVISED -				TR 94	15-03439-00-SP	CHAMPAIGN	54	18
Default		CHECKED - JJB	REVISED -				CONTRACT NO. 91531				
		DATE - 4/13/2016	REVISED -		SCALE:	SHEET OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT NO. HSIP-0019(134)			



PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNMENT CHECKED		
	NOTE BOOK NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	NOTE BOOK NO.		

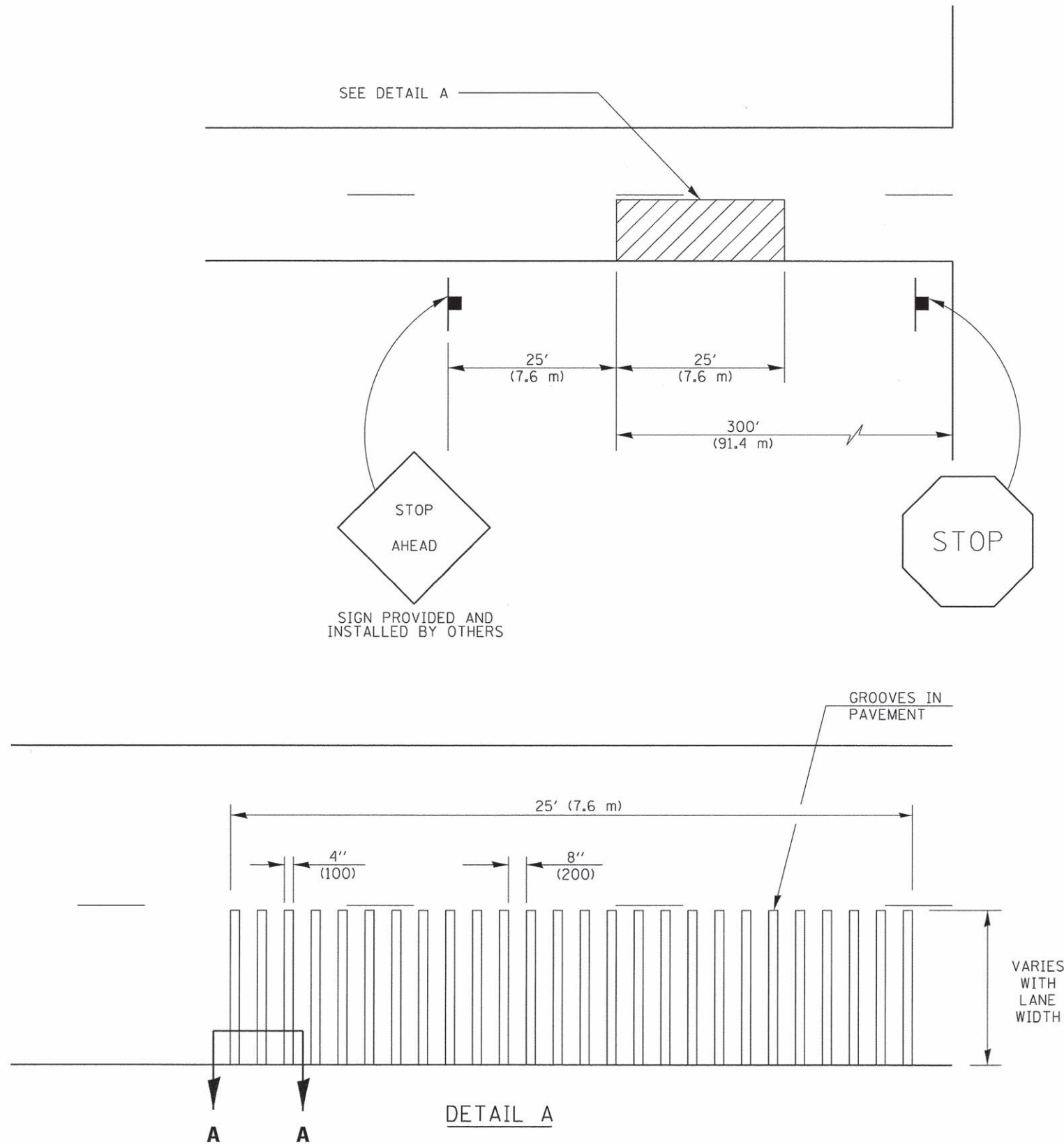


FILE NAME =	USER NAME = Fuhrmann2	DESIGNED - DAL	REVISED -	CHAMPAIGN COUNTY HIGHWAY DEPARTMENT	EROSION CONTROL PLAN				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C:\Users\Fuhrmann2\Desktop\15-882\CADD\EDP4.dgn		DRAWN - JEM	REVISED -						TR 94	15-03439-00-SP	CHAMPAIGN	54	19
Default		CHECKED - JJB	REVISED -						CONTRACT NO. 91531				
		DATE - 4/13/2016	REVISED -						ILLINOIS FED. AID PROJECT NO. HSIP-0019(134)				
					SCALE:	SHEET	OF	SHEETS	STA.	TO STA.			



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

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



## GENERAL NOTES

1. ALL GROOVES SHALL BE CONSTRUCTED USING A 4" (100 mm) MILLING HEAD OR SERIES OF 4" (100 mm) MILLING HEADS CAPABLE OF CUTTING TO THE SPECIFIED DEPTH OR ANY VARIABLE DEPTH.
2. THIS WORK WILL BE MEASURED FOR PAYMENT PER EACH 25' (7.6 m) INDIVIDUAL RUMBLE STRIP APPLIED AND PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR RUMBLE STRIP, WHICH PRICE SHALL INCLUDE ALL EQUIPMENT, MATERIAL, LABOR AND OTHER ITEMS REQUIRED TO INSTALL EACH INDIVIDUAL RUMBLE STRIP.

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

**DISTRICT 5 DETAIL NO. Z0055300**  
MODIFIED FOR PROJECT.

FILE NAME =	USER NAME = Fuhrmann2	DESIGNED - DAL	REVISED -	CHAMPAIGN COUNTY HIGHWAY DEPARTMENT		RUMBLE STRIP (ADVANCE OF INTERSECTIONS)		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C:\Users\Fuhrmann2\Desktop\15-882\CADD\Detail Rumble Strips Z0055300.dgn		DRAWN - JEM	REVISED -					TR 94	15-03439-00-SP	CHAMPAIGN	54	20
Default	PLOT SCALE = 20.0000' / in.	CHECKED - JJB	REVISED -					CONTRACT NO. 91531				
	PLOT DATE = 4/15/2016	DATE - 4/13/2016	REVISED -					[ILLINOIS] FED. AID PROJECT NO. HSIP-0019(134)				
				SCALE:		SHEET OF SHEETS		STA. TO STA.				

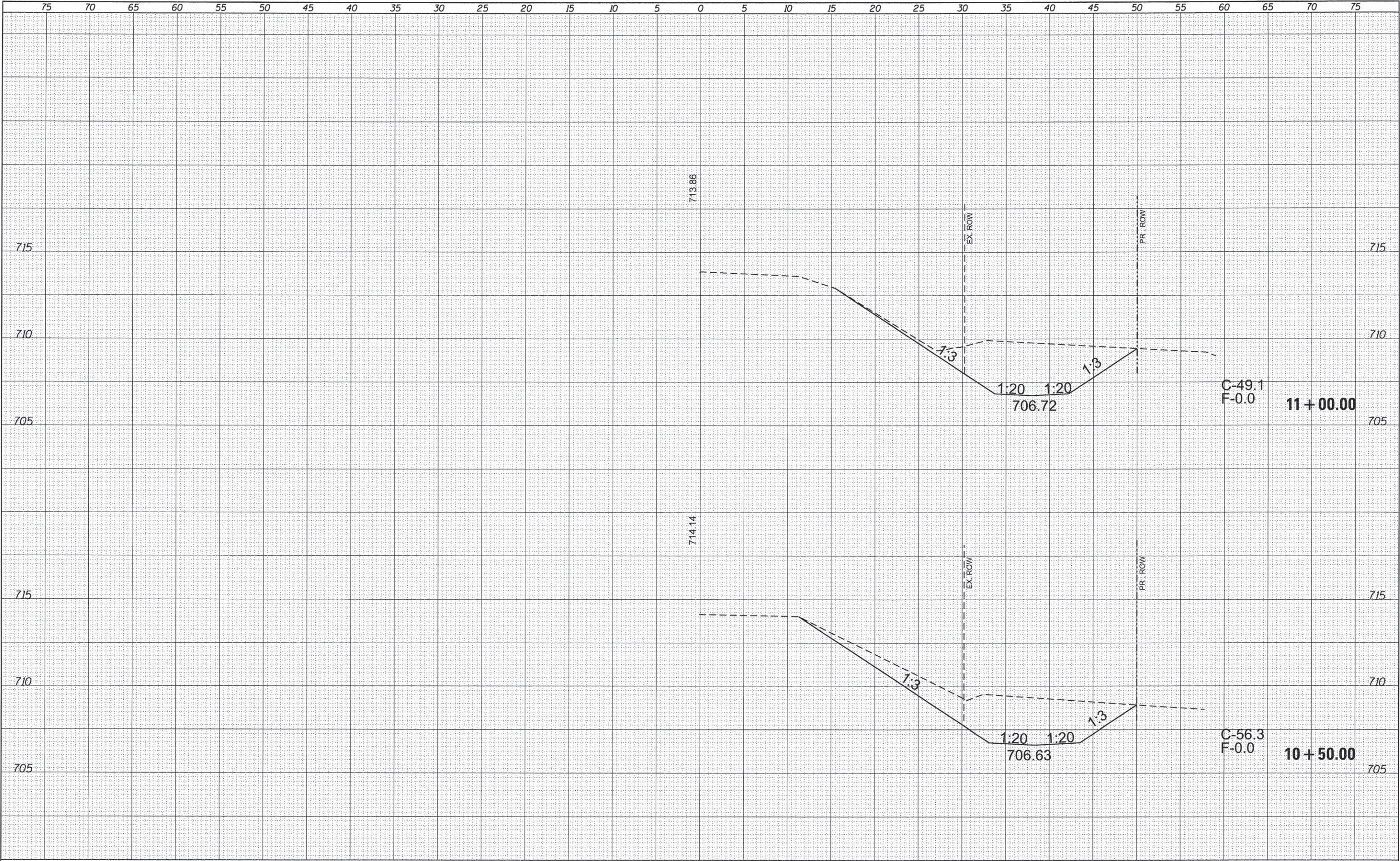






FINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS		
	CHECKED		

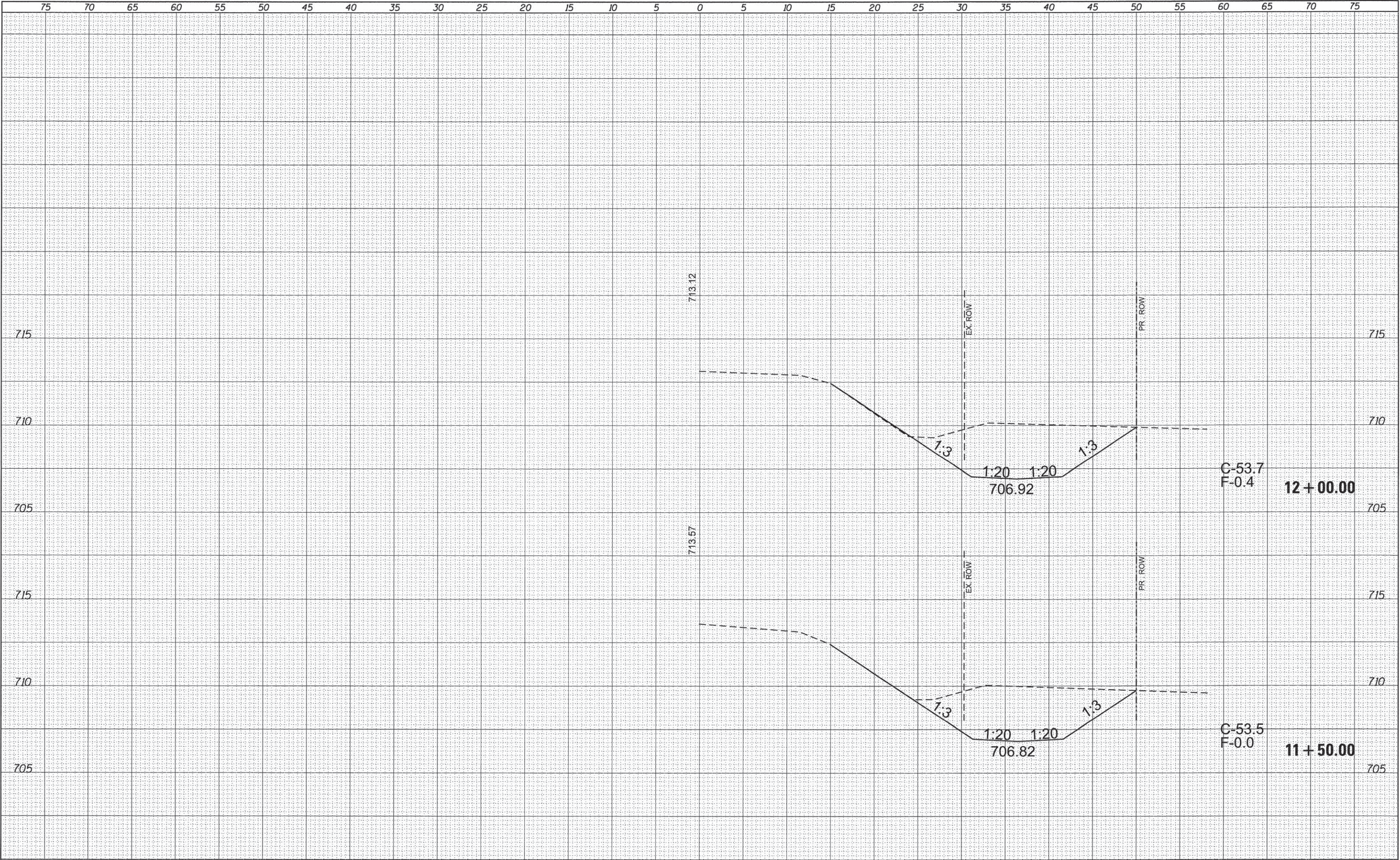
ORIGINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS		
	CHECKED		





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

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

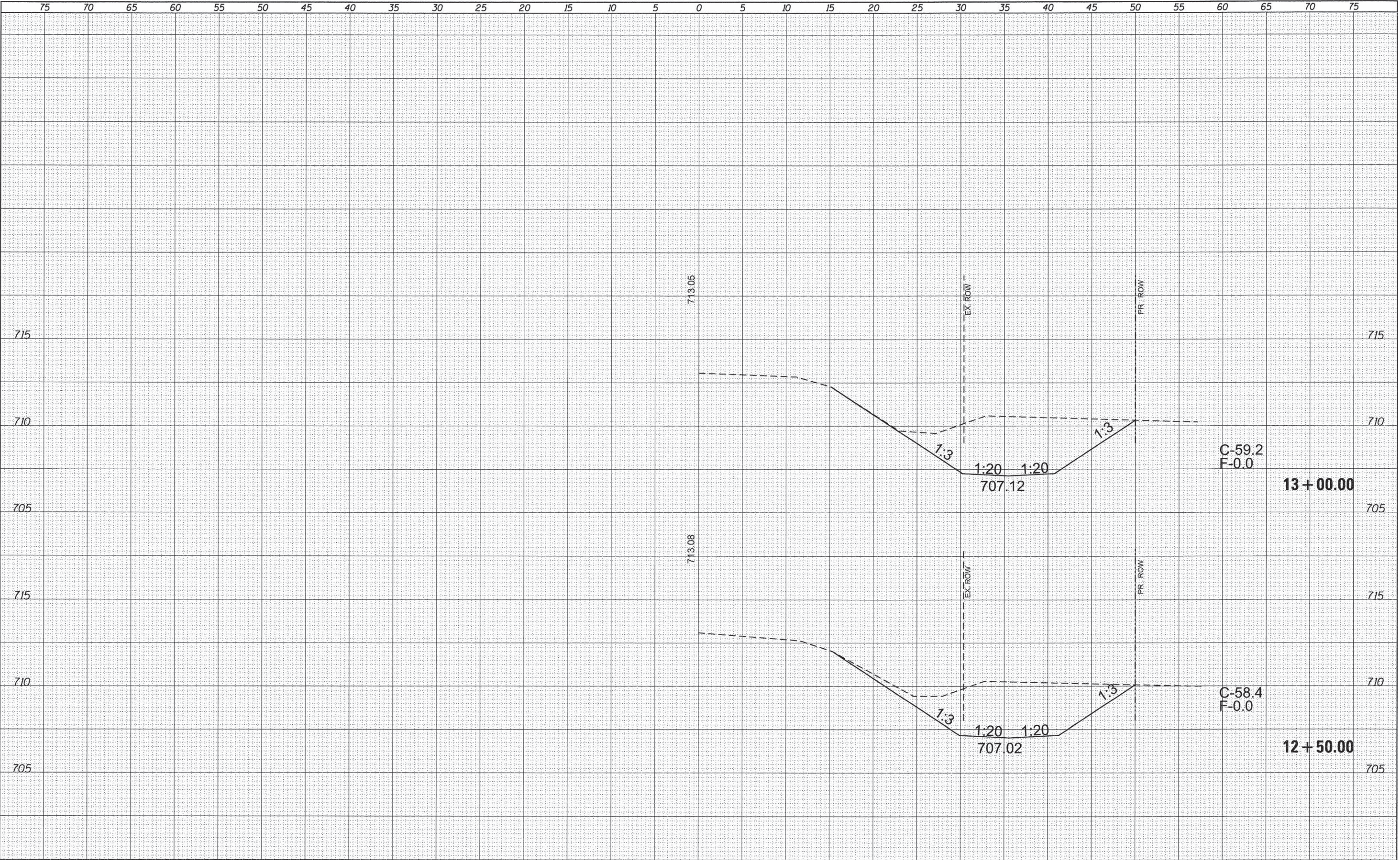


75	70	65	60	55	50	45	40	35	30	25	20	15	10	5	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75		
FILE NAME =			USER NAME = Fuhrmann2			DESIGNED -			REVISED -			STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION										CROSS-SECTIONS RISING ROAD					F.A. RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
C:\Users\Fuhrmann2\Desktop\115-882\CADD\XSCSheets-RISING.dgn						DRAWN -			REVISED -													TR-94	15-03439-00-SP		CHAMPAIGN	54	23					
Default			PLOT SCALE = 5.0000' / 1in.			CHECKED -			REVISED -													CONTRACT NO. 91531										
			PLOT DATE = 4/15/2016			DATE -			REVISED -													ILLINOIS FED. AID PROJECT NO. HSIP-0019(134)										
SCALE:		SHEET		OF		SHEETS		STA.		TO STA.																						



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

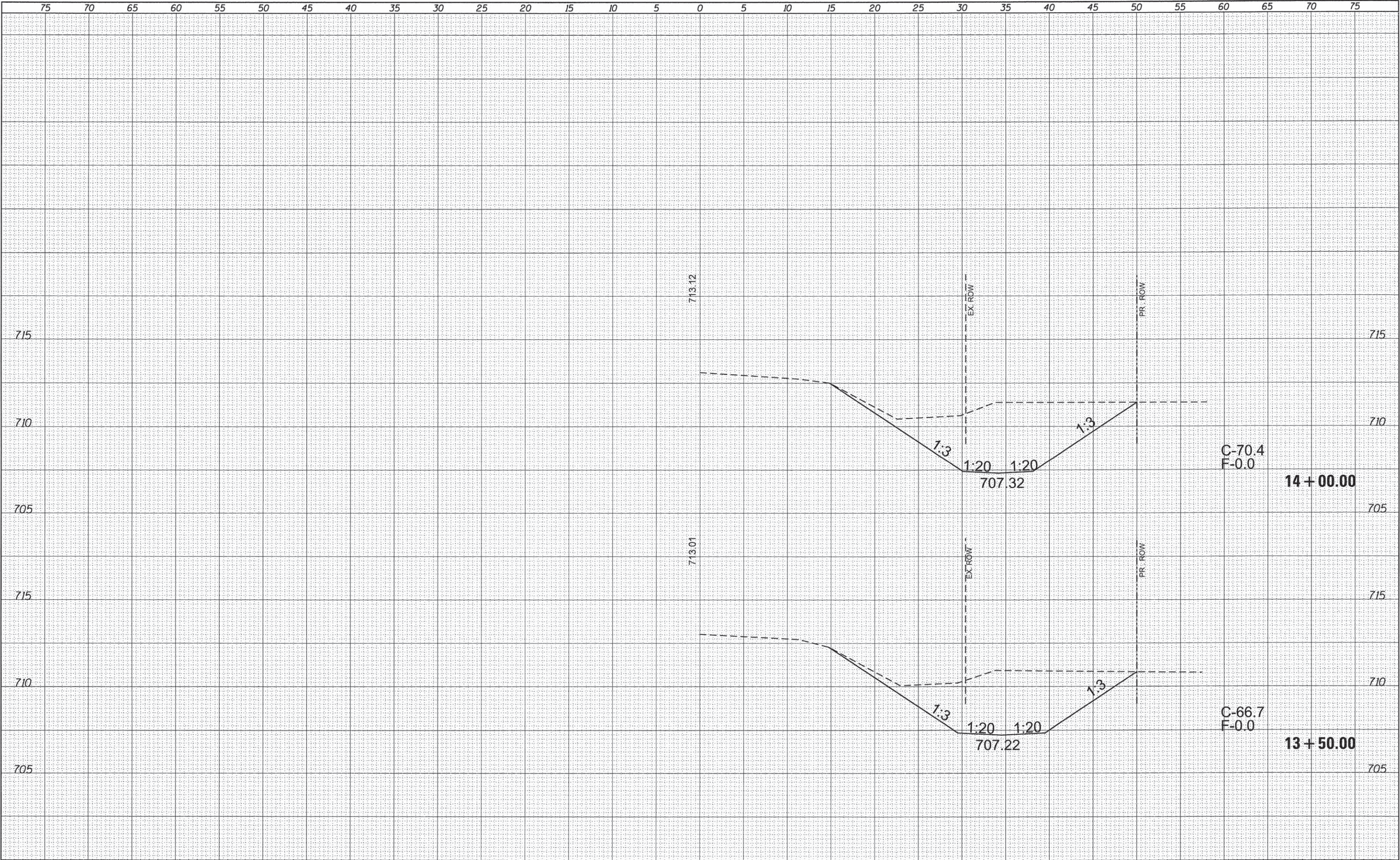
ORIGINAL SURVEY	SURVEYED	BY	DATE
	PLOTTED		
	REPLACED		
	AREAS		
NOTE BOOK NO.			





FINAL SURVEY NO.	BY	DATE	SURVEYED	PLOTTED	TEMPLATE	AREAS	CHECKED

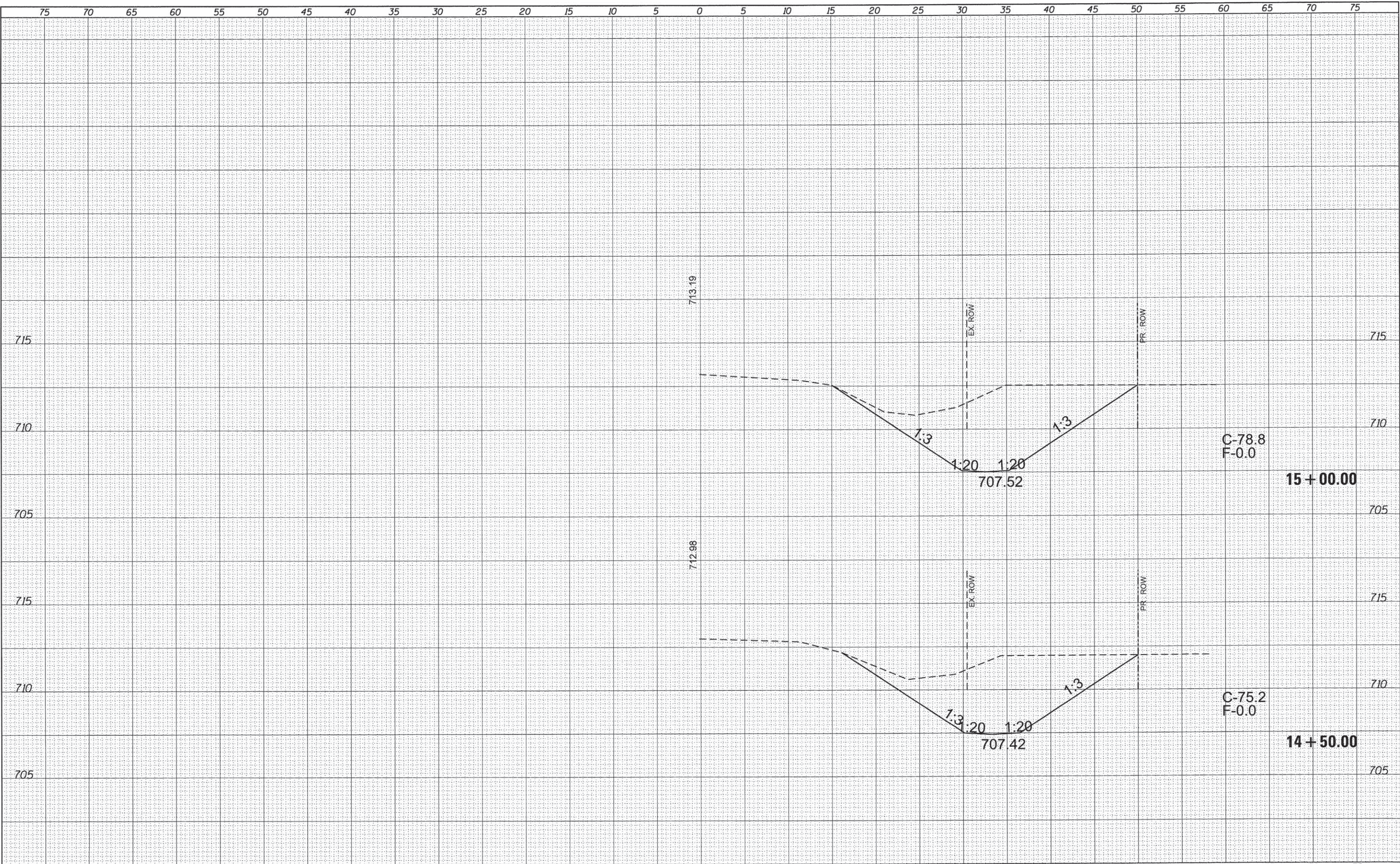
ORIGINAL SURVEY NO.	BY	DATE	SURVEYED	PLOTTED	TEMPLATE	AREAS	CHECKED





FINAL	SURVEYED	BY	DATE
	NOTED		
	NOTE BOOK		
	NO.		

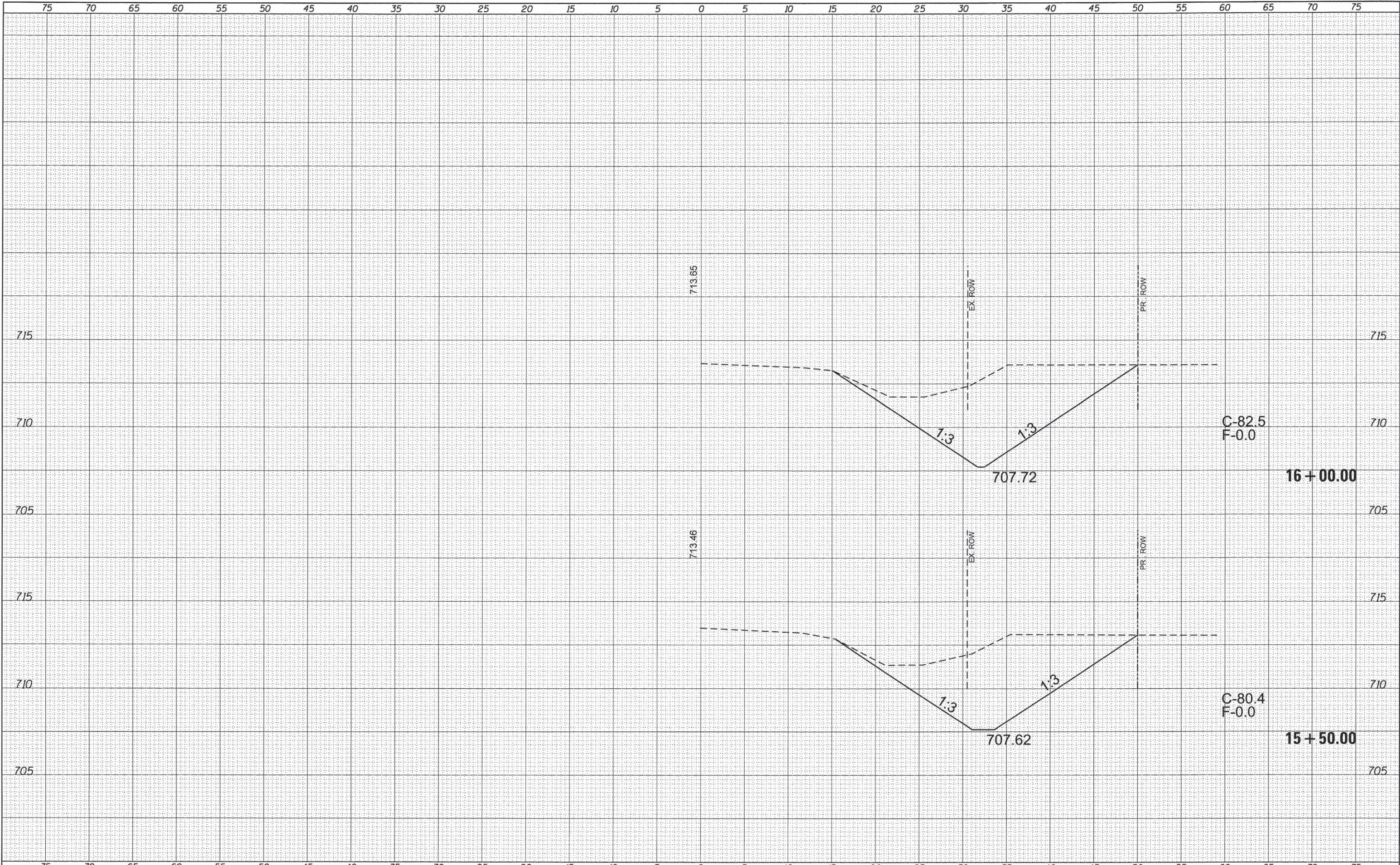
ORIGINAL	SURVEYED	BY	DATE
	NOTED		
	NOTE BOOK		
	NO.		





FINAL SURVEY	SURVEYED	BY	DATE
	PLOTTED		
	TEMPLATE		
	AREAS		
NO.			

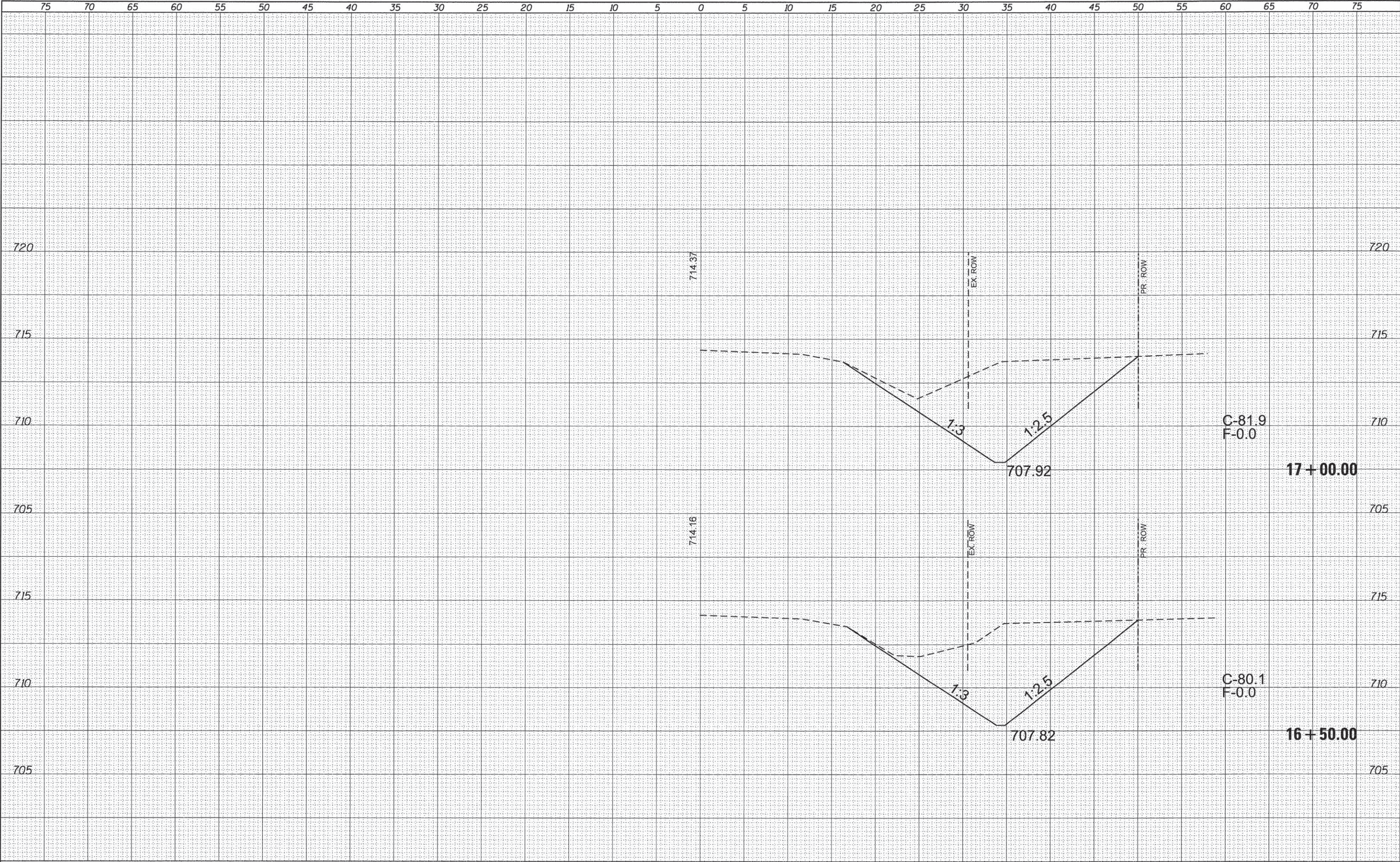
ORIGINAL SURVEY	SURVEYED	BY	DATE
	PLOTTED		
	TEMPLATE		
	AREAS		
NO.			





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

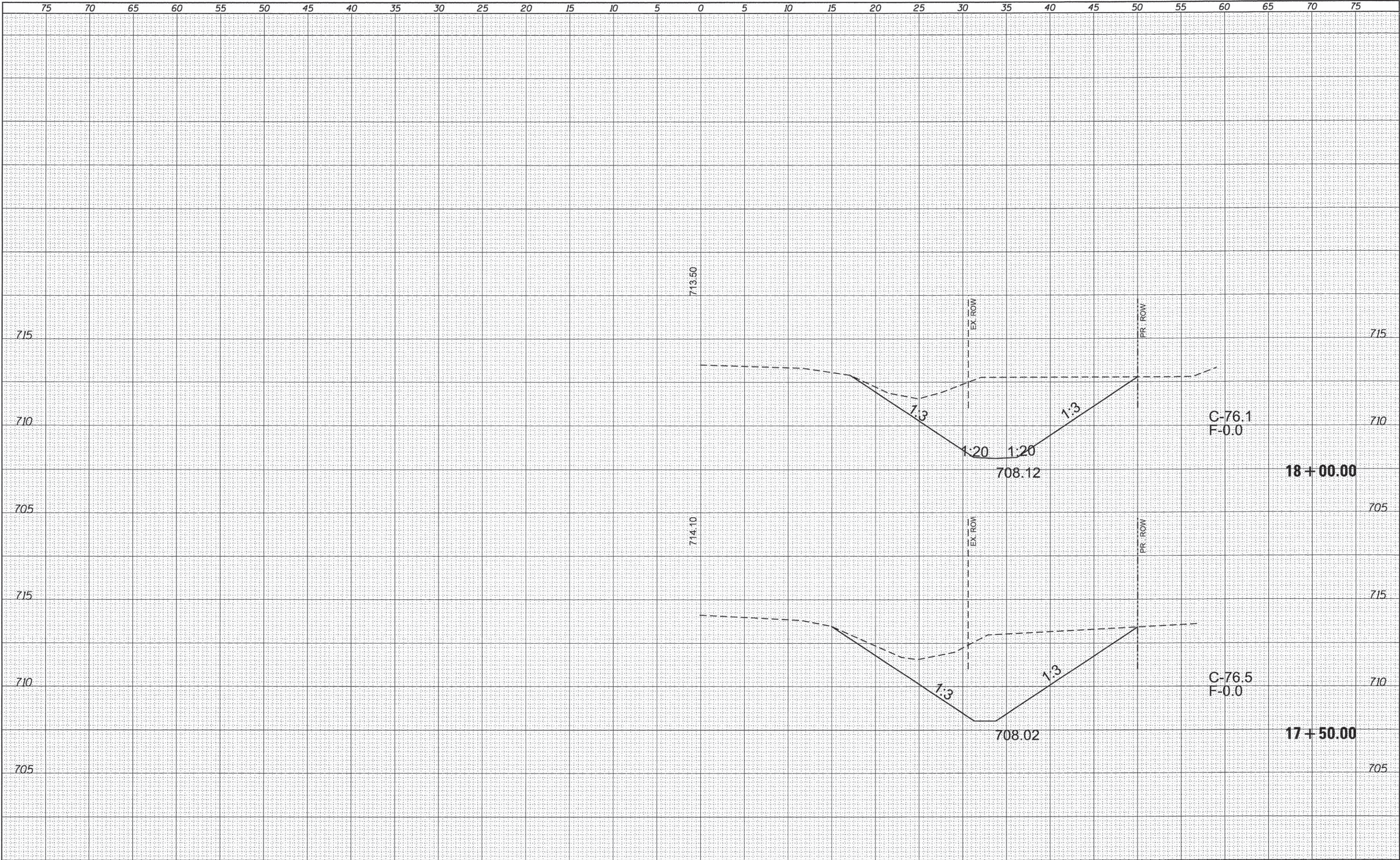
ORIGINAL SURVEY NO.	SURVEYED PLOTTED NOTE BOOK AREAS CHECKED	BY	DATE





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

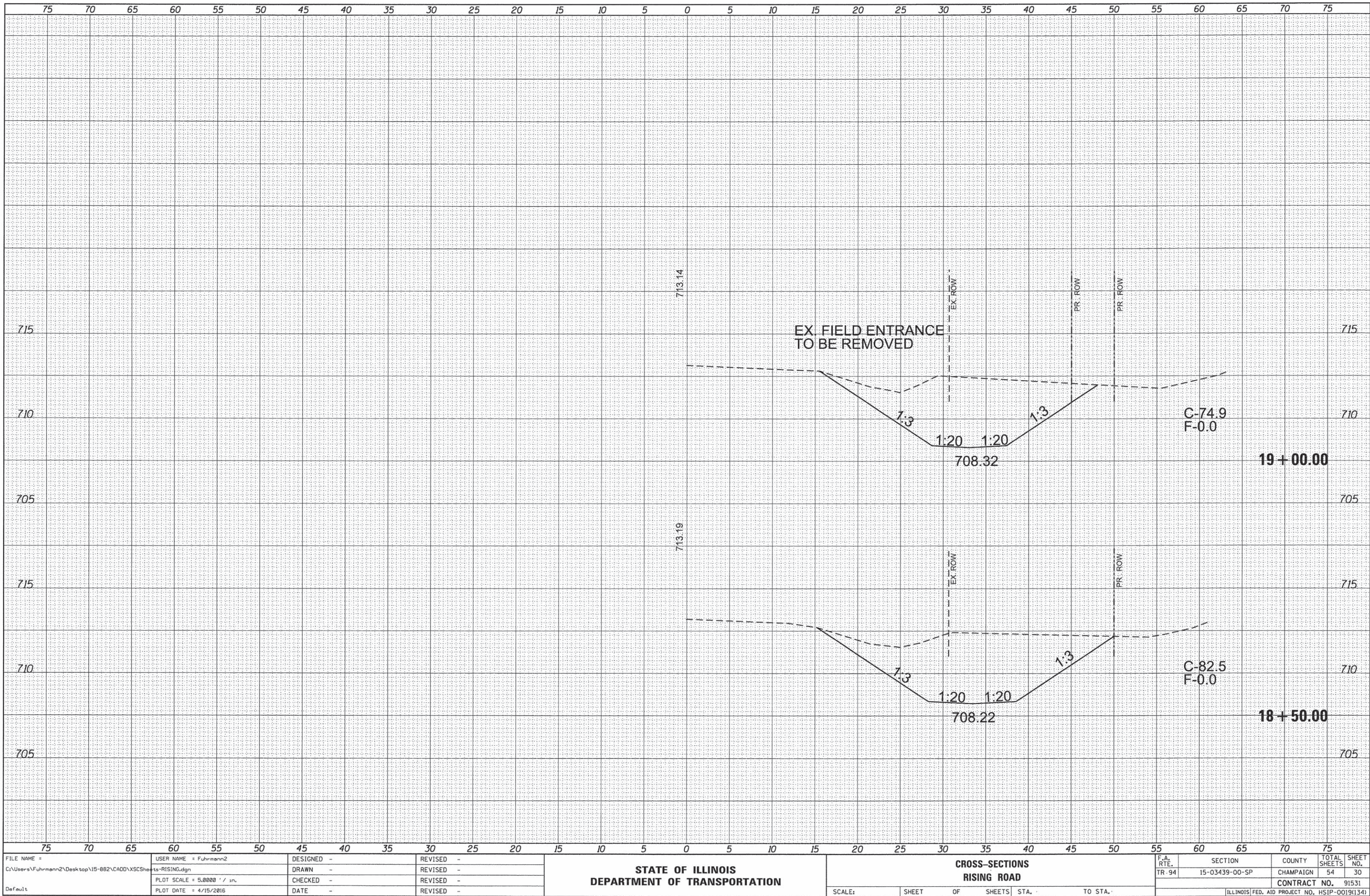
ORIGINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE





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

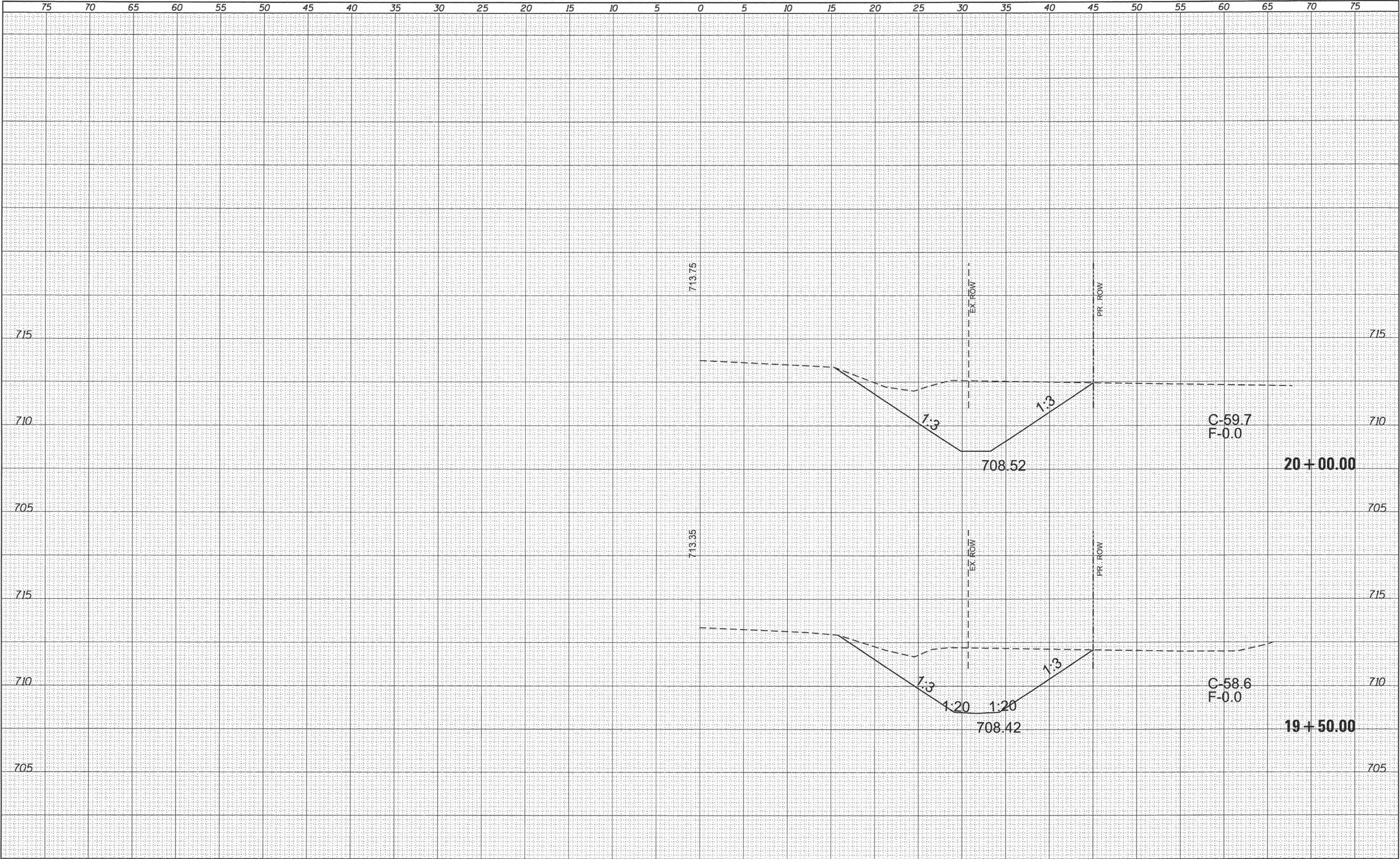
ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		





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

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

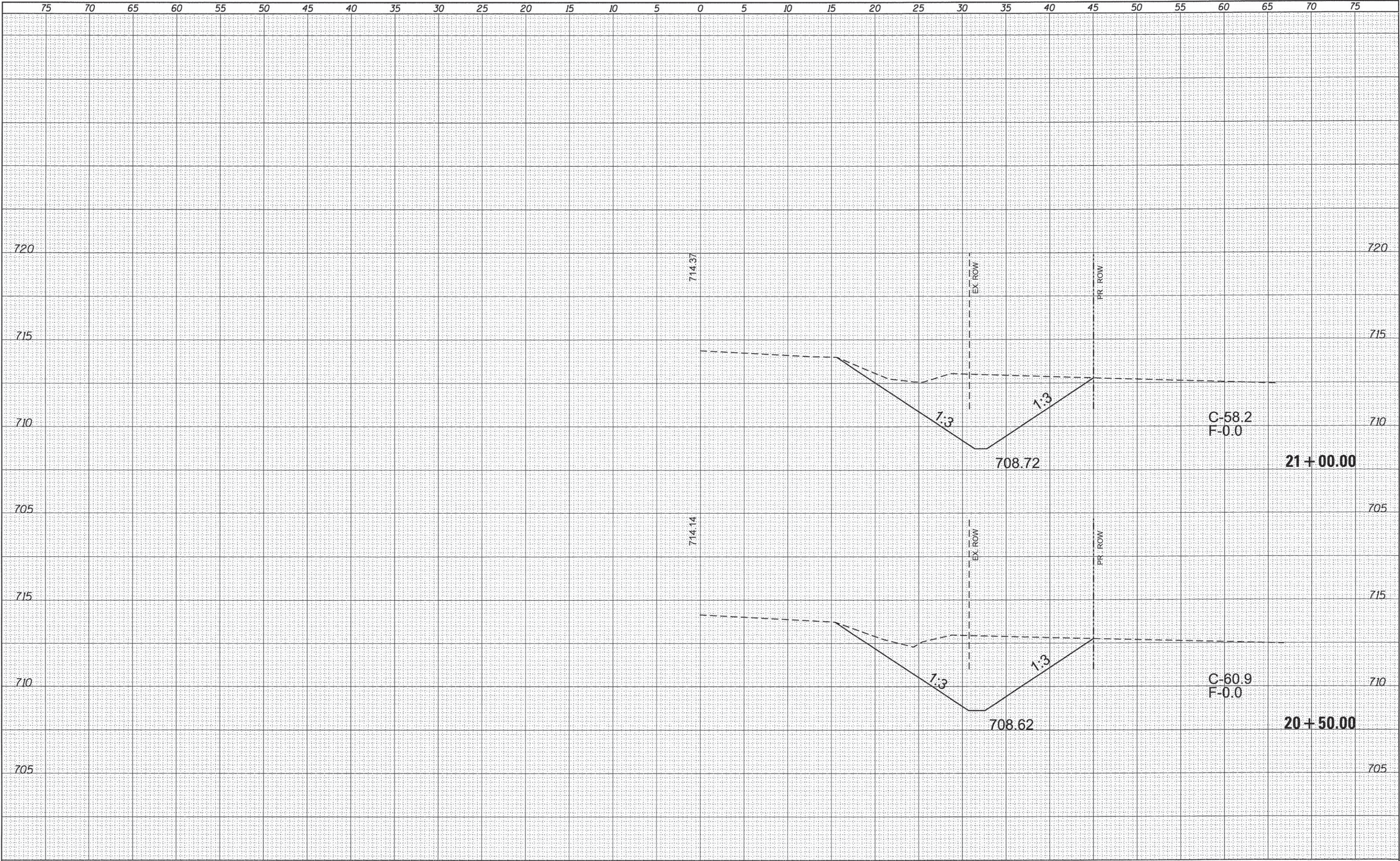


FILE NAME =	USER NAME = Fuhrmann2	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				CROSS-SECTIONS RISING ROAD				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C:\Users\Fuhrmann2\Desktop\15-882\CADD\XSCSheets-RISING.dgn		DRAWN -	REVISED -									TR-94	15-03439-00-SP	CHAMPAIGN	54	31
PLOT SCALE = 5.0000' / 1in.		CHECKED -	REVISED -					CONTRACT NO. 91531								
Default	PLOT DATE = 4/15/2016	DATE -	REVISED -					[ILLINOIS] FED. AID PROJECT NO. HSIP-0019(134)								
								SCALE:	SHEET	OF	SHEETS	STA. 19+50.00	TO STA. 20+00.00			



FINAL	SURVEYED	BY	DATE
	PLAN		
	NOTE BOOK		
	NO.		
	AREAS CHECKED		

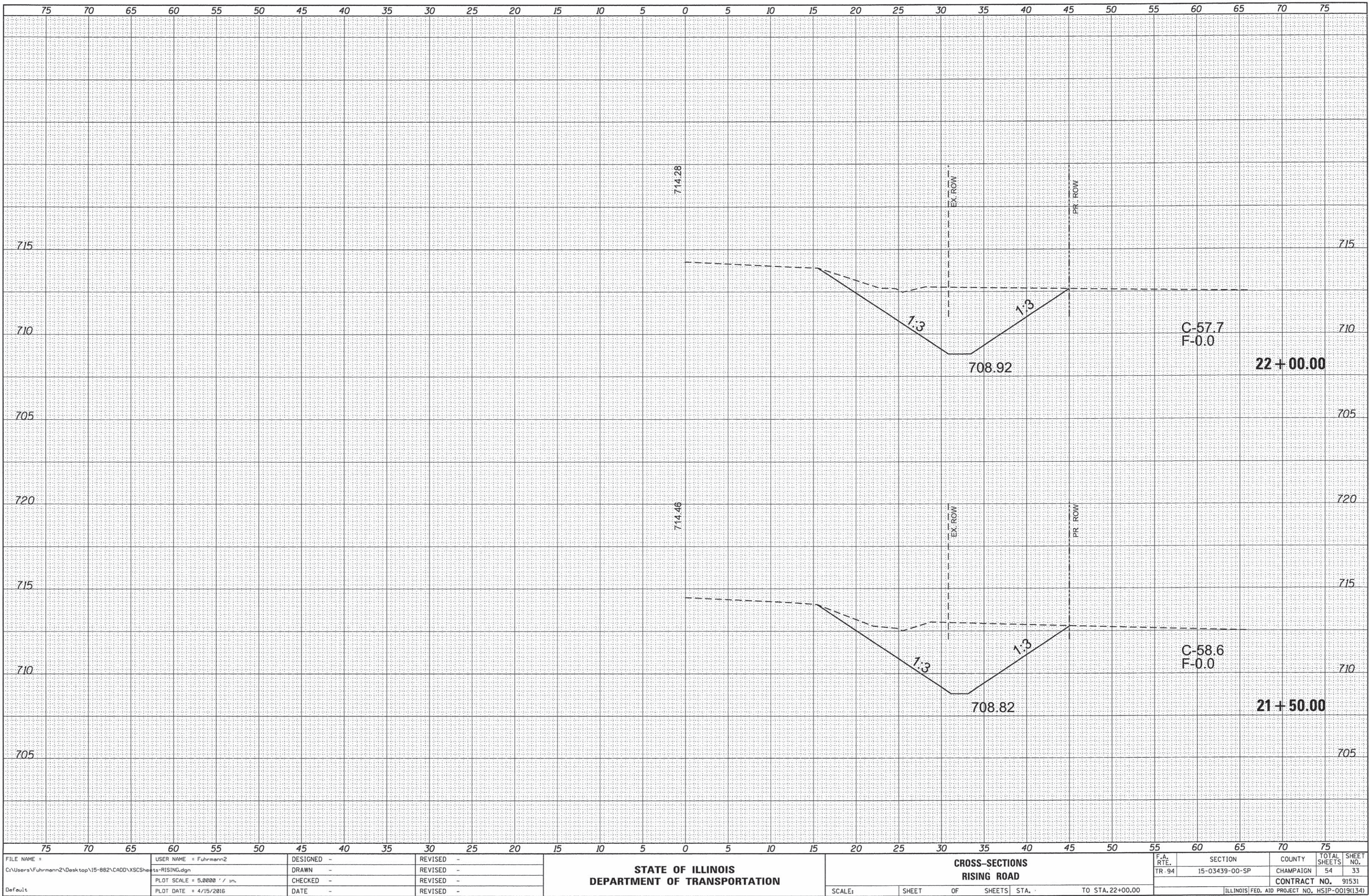
ORIGINAL	SURVEYED	BY	DATE
	PLAN		
	NOTE BOOK		
	NO.		
	AREAS CHECKED		





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

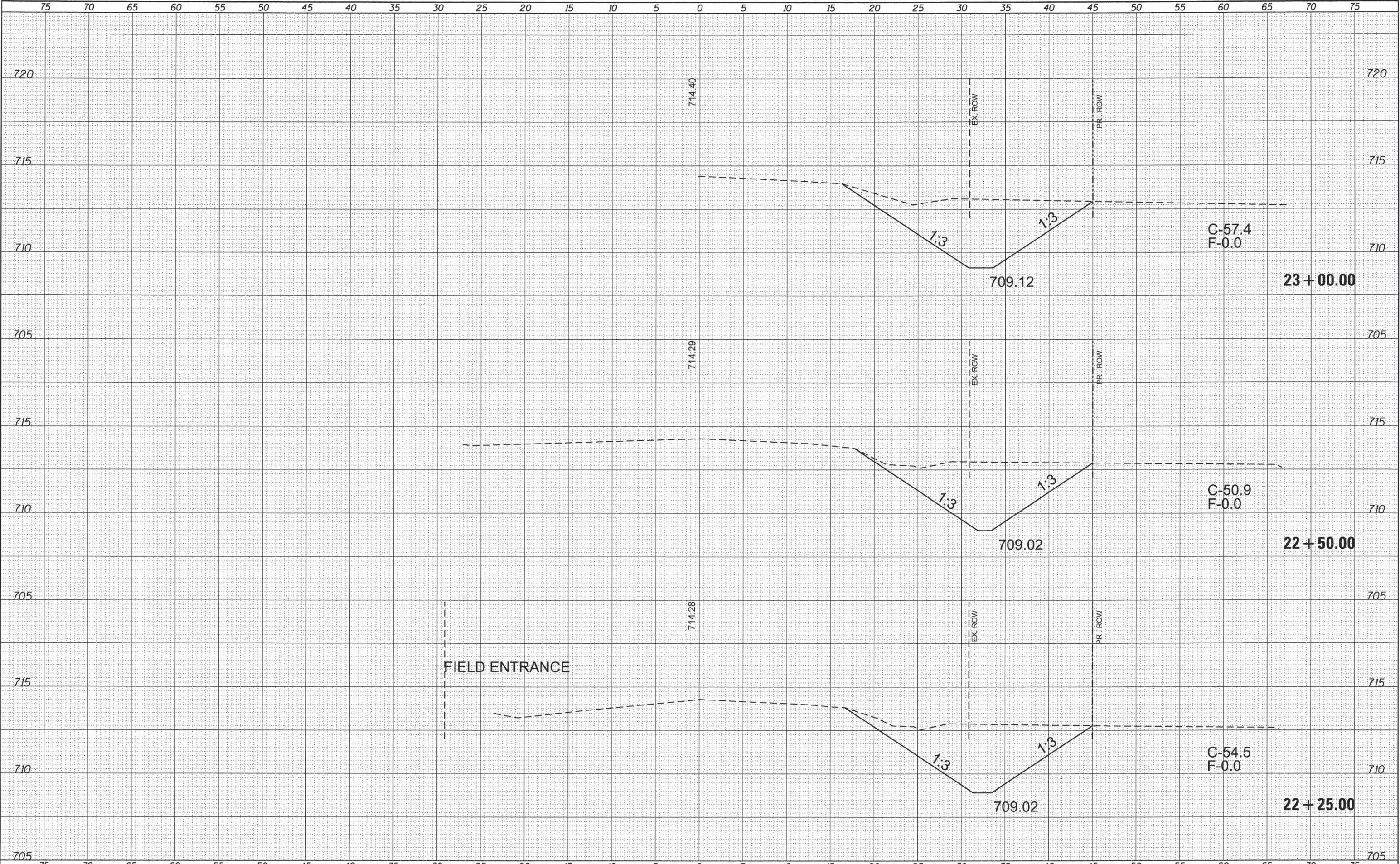
ORIGINAL SURVEY	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
NOTE BOOK	TEMPLATE _____		
	AREAS _____		
NO. _____	AREAS CHECKED _____		





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

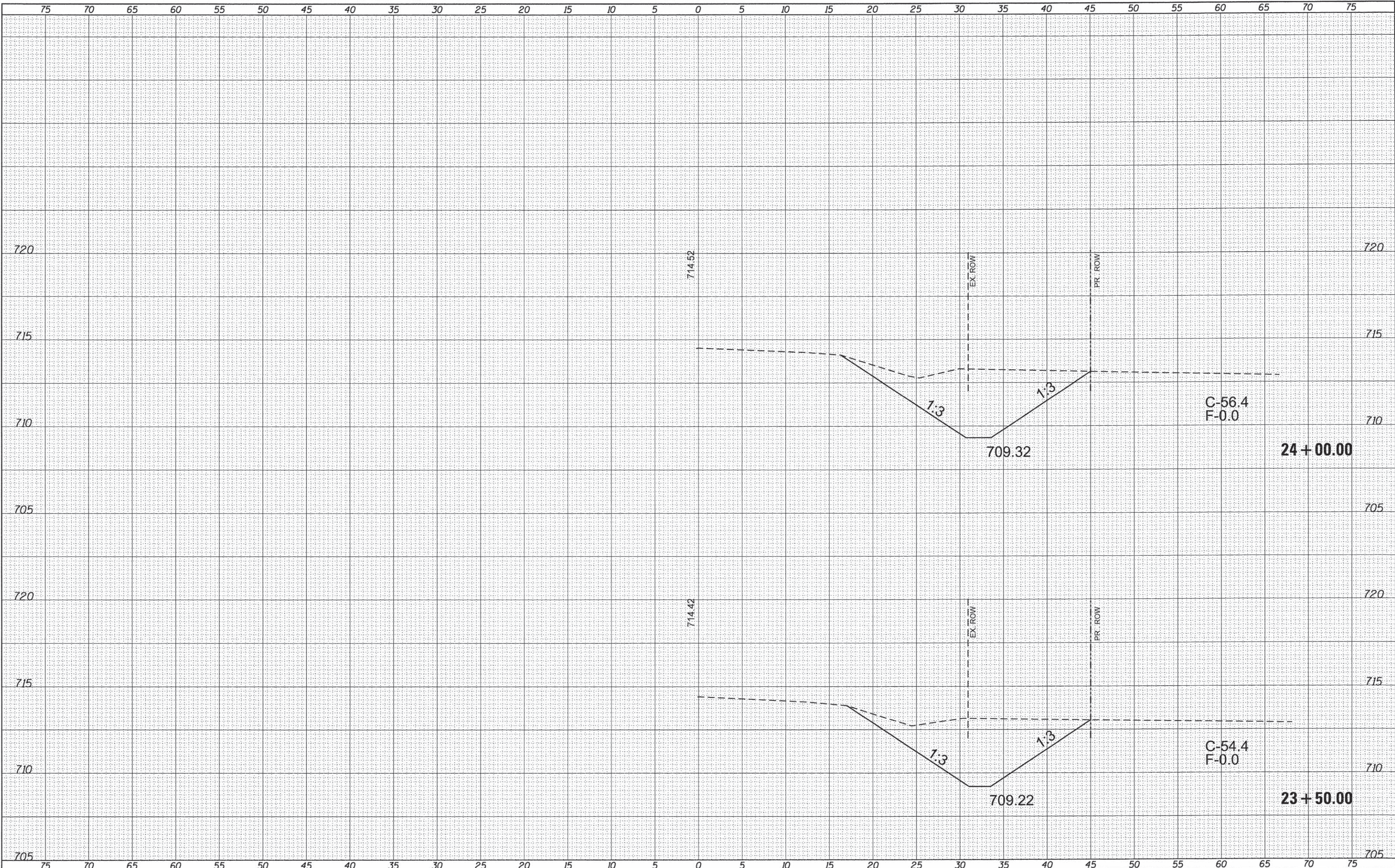
ORIGINAL SURVEY	BY	DATE
	SURVEYED	
	PLOTTED	
	DATE	
NOTE BOOK NO.	NO.	
	NO.	
	NO.	
	NO.	





FINAL SURVEY	SURVEYED	BY	DATE
	NOTED		
	TEMPLATE		
	AREAS		
NO.	CHECKED		

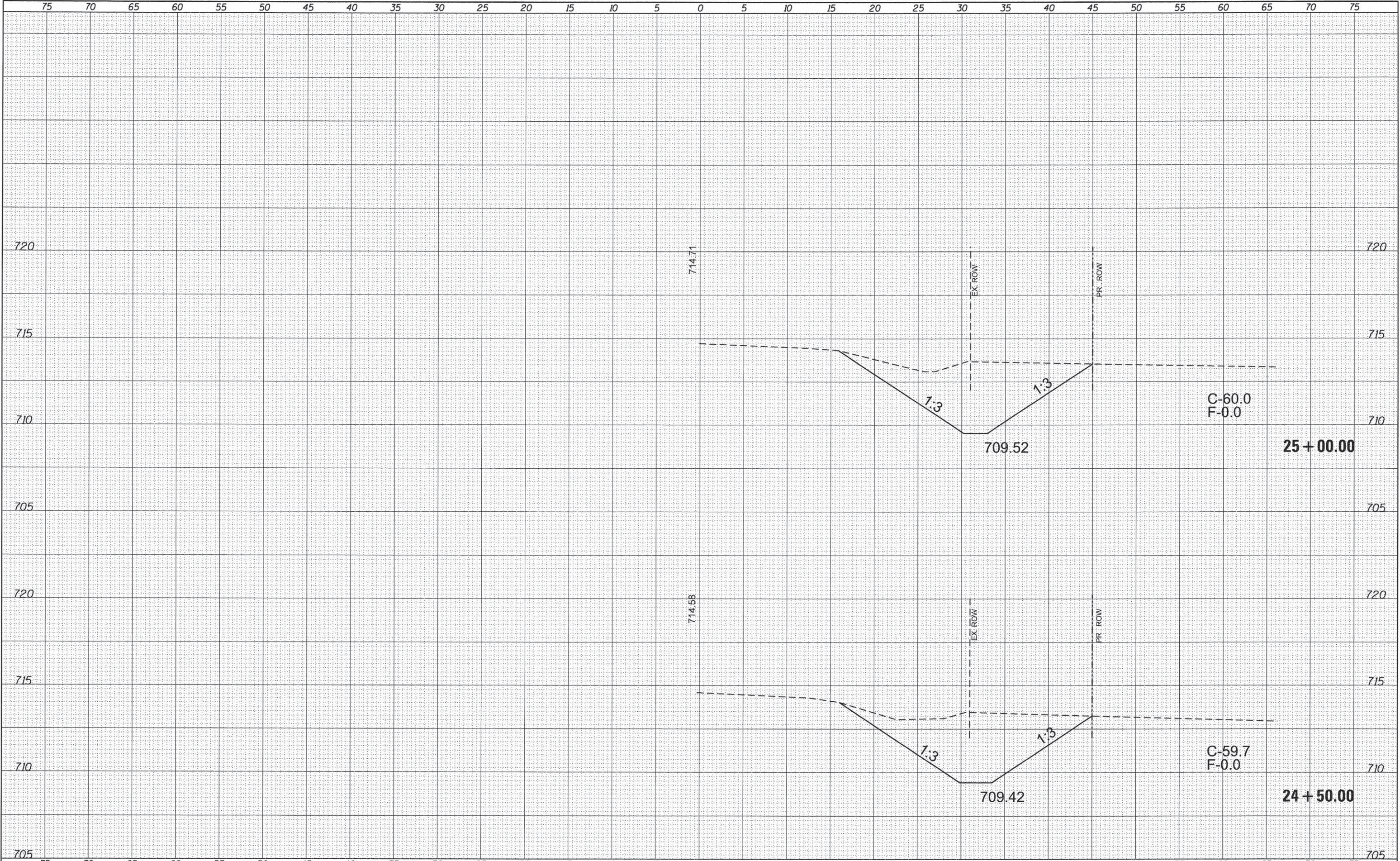
ORIGINAL SURVEY	SURVEYED	BY	DATE
	NOTED		
	TEMPLATE		
	AREAS		
NO.	CHECKED		





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

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

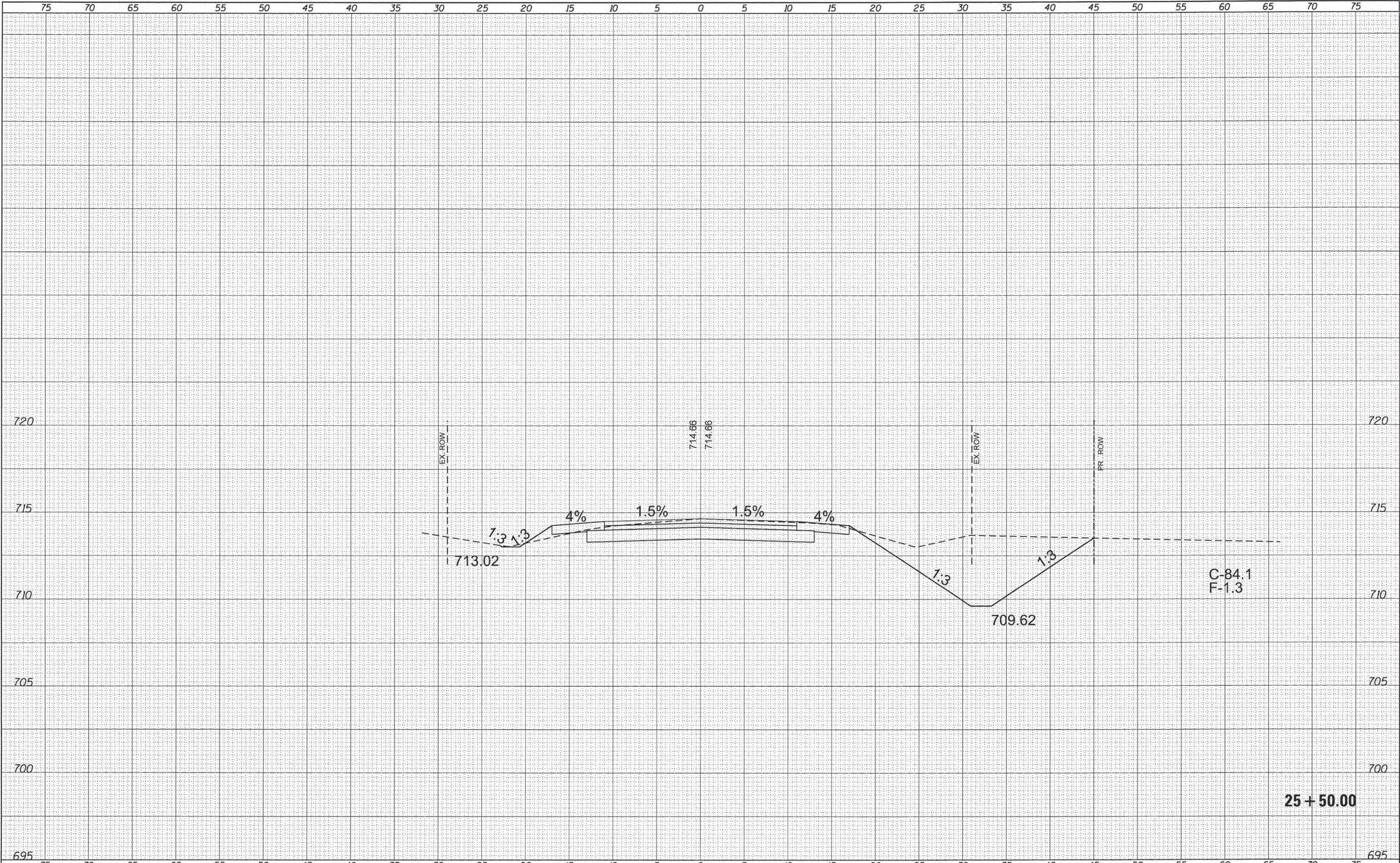


75	70	65	60	55	50	45	40	35	30	25	20	15	10	5	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75
FILE NAME =		USER NAME = Fuhrmann2		DESIGNED -		REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION												CROSS-SECTIONS RISING ROAD				F.A. RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.	
C:\Users\Fuhrmann2\Desktop\15-882\CADD\XSCSheets-RISING.dgn				DRAWN -		REVISED -																		TR-94	15-03439-00-SP		CHAMPAIGN	54	36	
Default		PLOT SCALE = 5.0000' / in.		CHECKED -		REVISED -																		CONTRACT NO.		91531				
		PLOT DATE = 4/15/2016		DATE -		REVISED -														SCALE:				SHEET	OF	SHEETS	STA. 24+50.00 TO STA.25+00.00			



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

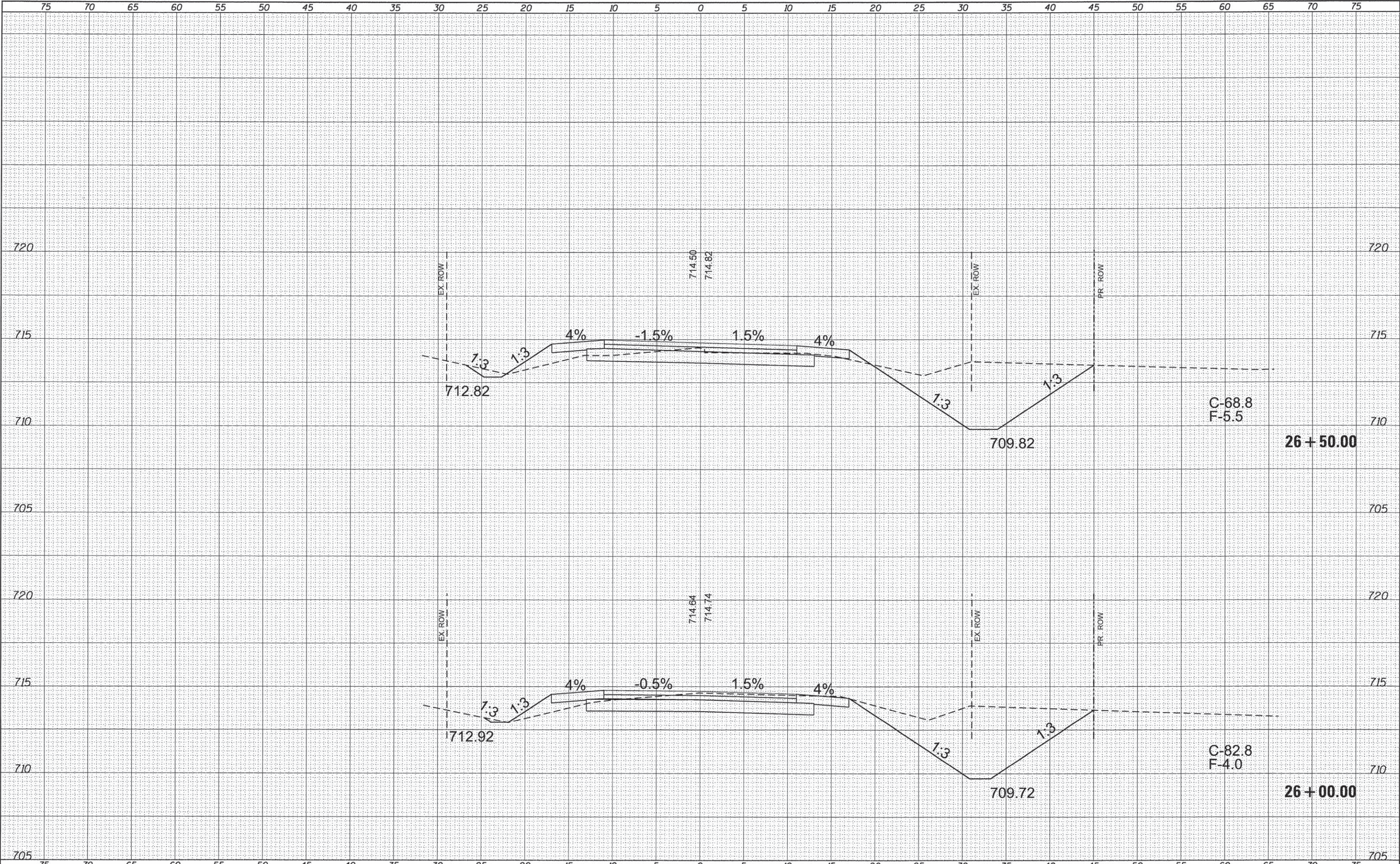
ORIGINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS	CHECKED	





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

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

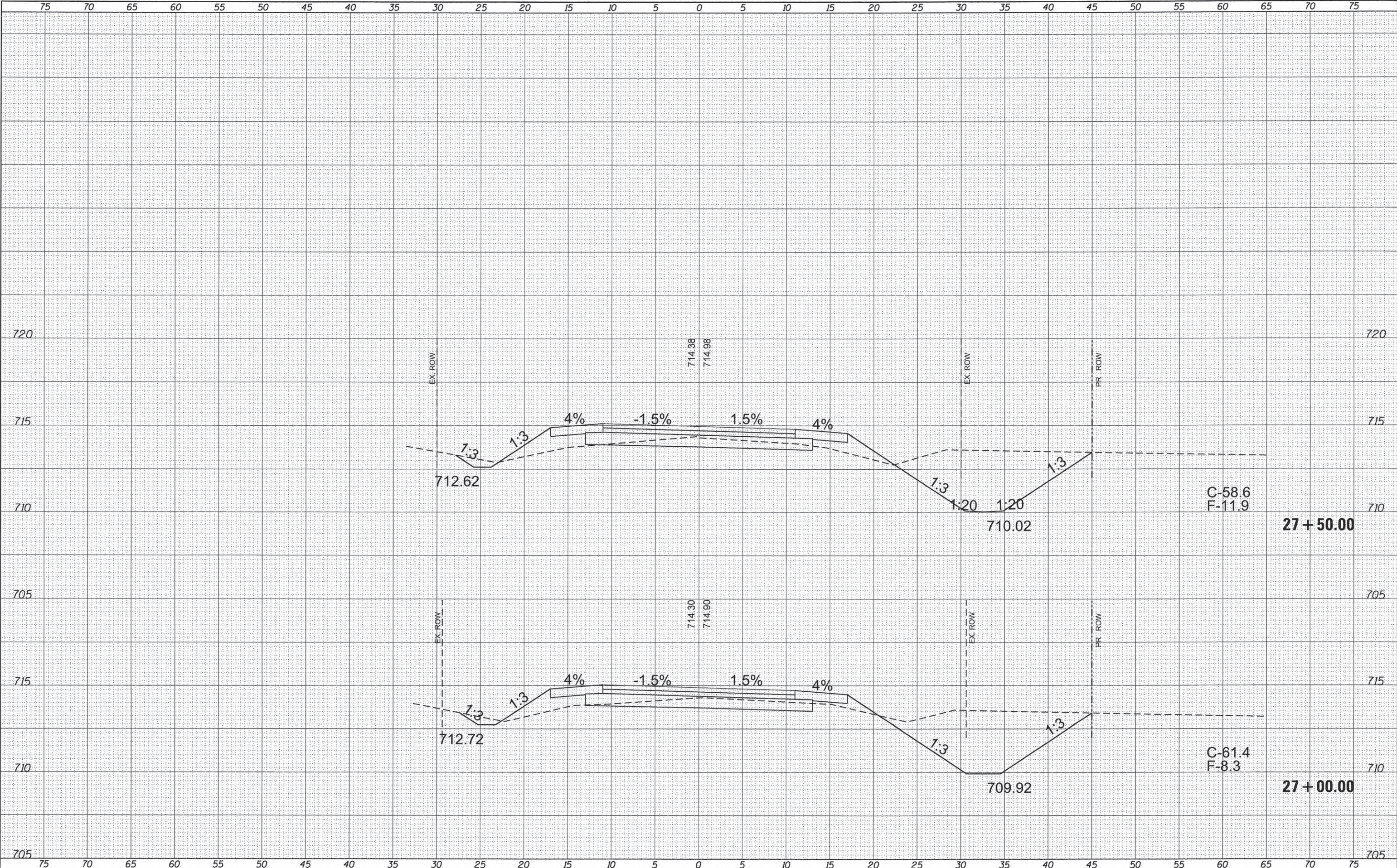


FILE NAME =	USER NAME = Fuhrmann2	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				CROSS-SECTIONS RISING ROAD				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C:\Users\Fuhrmann2\Desktop\15-882\CADD\XSCSheets-RISING.dgn		DRAWN -	REVISED -									TR 94	15-03439-00-SP	CHAMPAIGN	54	38
Default		PLOT SCALE = 5.0000' / in.	CHECKED -												CONTRACT NO.	91531
		PLOT DATE = 4/15/2016	DATE -												ILLINOIS FED. AID PROJECT NO.	HSIP-0019(134)
				SCALE:	SHEET	OF	SHEETS	STA.	TO STA, 26+50.00							



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

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



FILE NAME =	USER NAME = Fuhrmann2	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS-SECTIONS RISING ROAD				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C:\Users\Fuhrmann2\Desktop\15-882\CADD\XSCSheets-RISING.dgn	ts-RISING.dgn	DRAWN -	REVISED -		TR 94	15-03439-00-SP	CHAMPAIGN	54	39				
PLOT SCALE = 5.0000 ' / 1in.		CHECKED -	REVISED -		CONTRACT NO. 91531								
PLOT DATE = 4/15/2016		DATE -	REVISED -		ILLINOIS FED. AID PROJECT NO. HSIP-0019(134)								
Default					SCALE:	SHEET	OF	SHEETS	STA. 27+00.00	TO STA.			

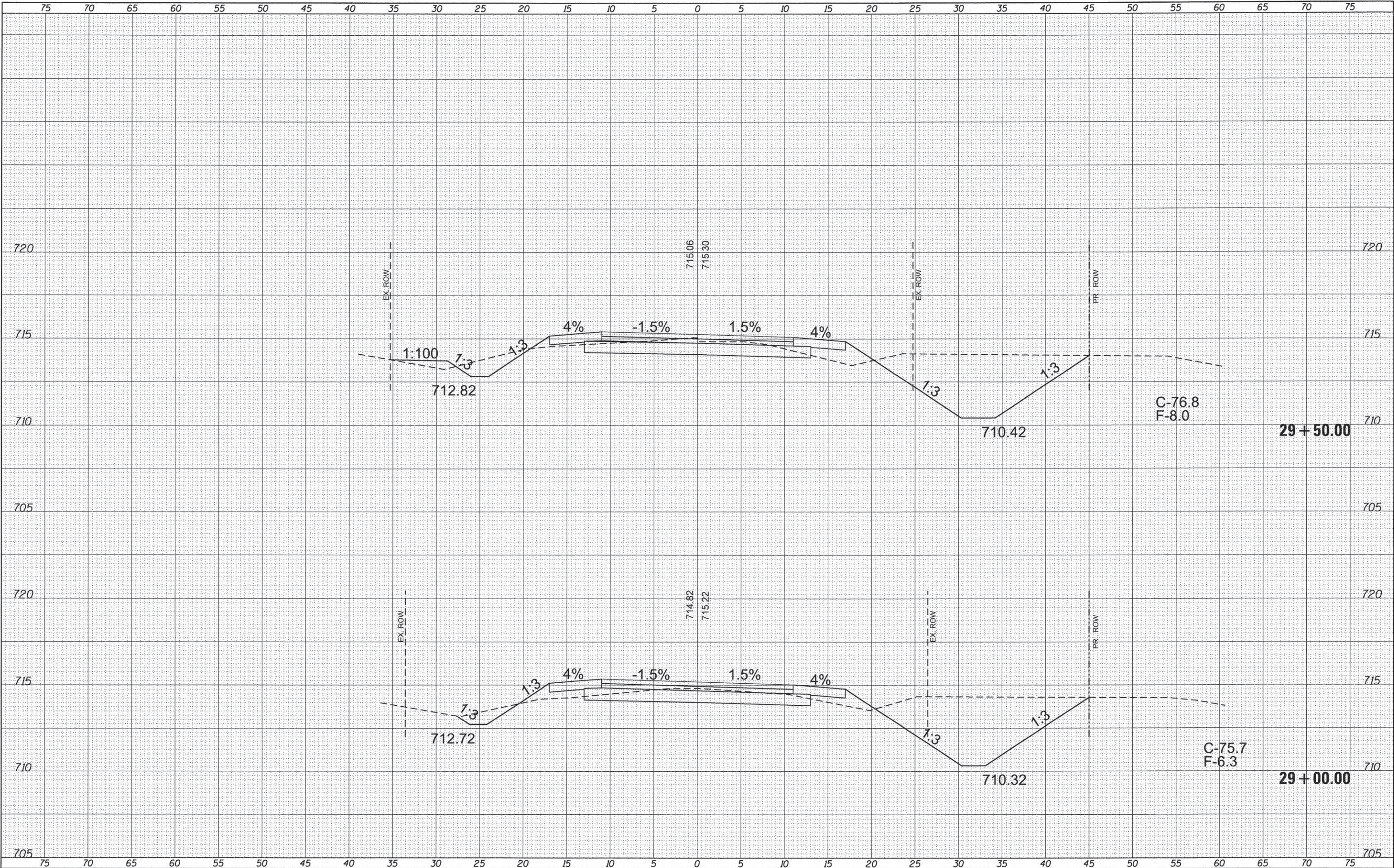






FINAL	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	REVISION		
	AREAS		
	CHECKED		

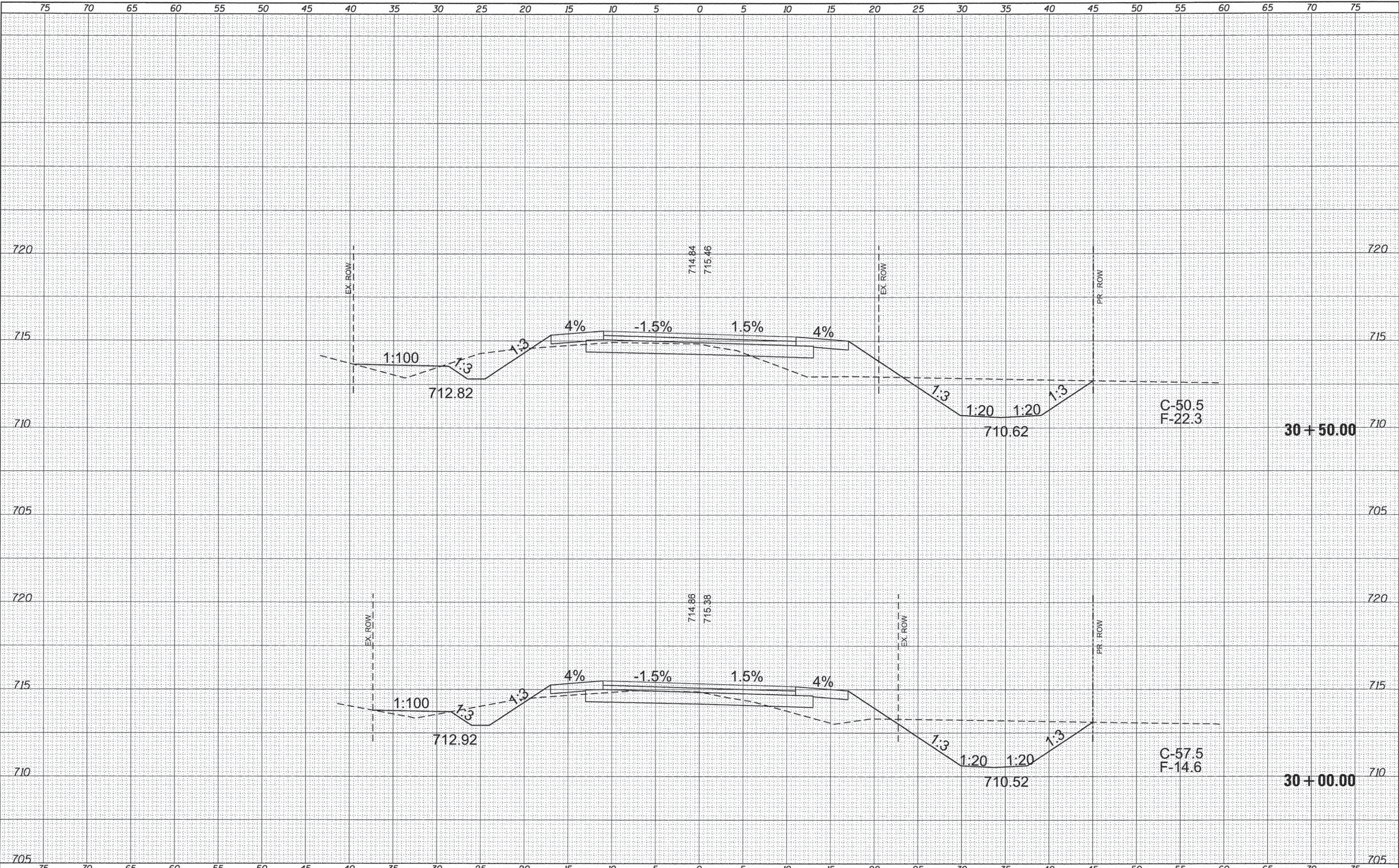
ORIGINAL	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	REVISION		
	AREAS		
	CHECKED		





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

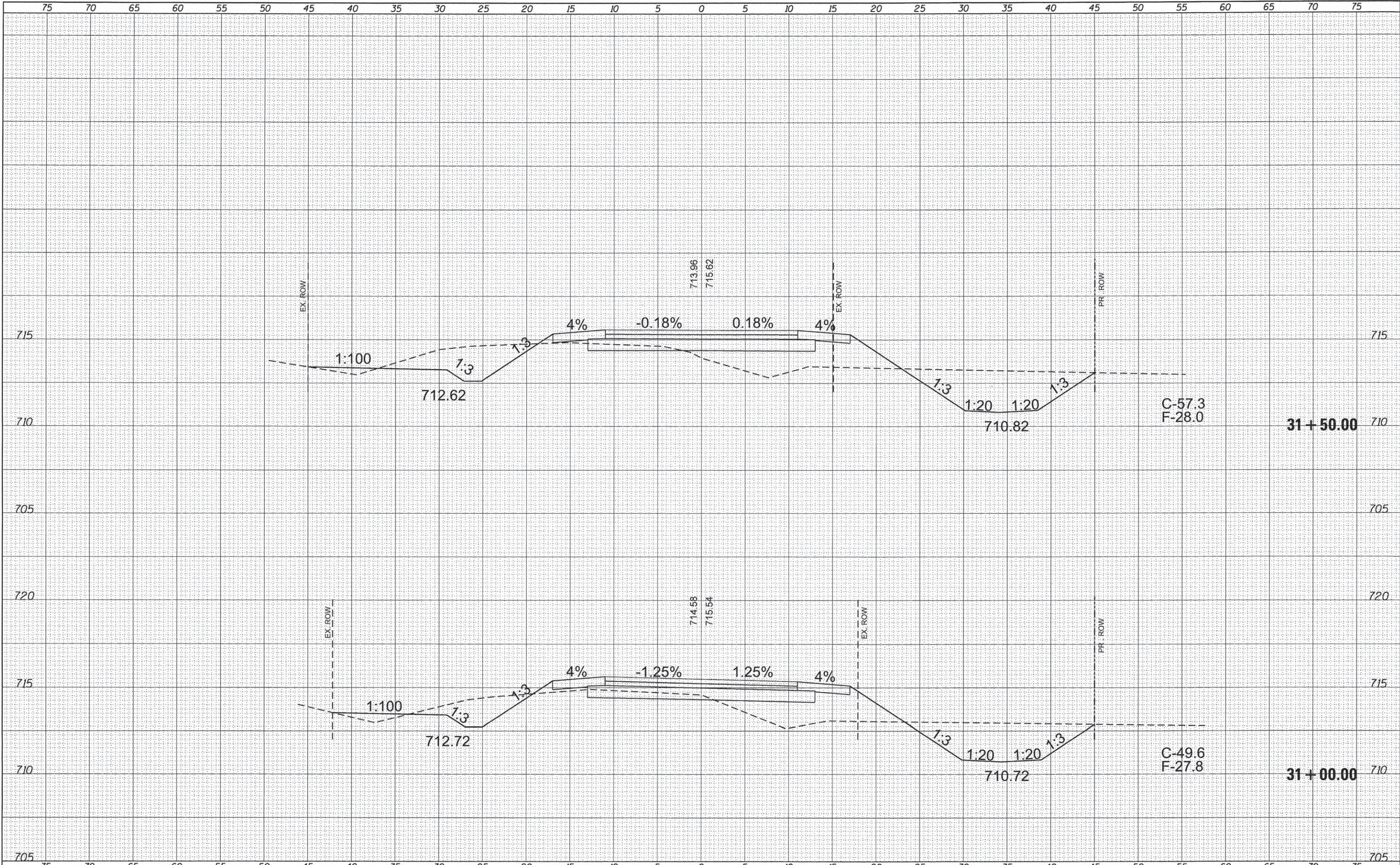
ORIGINAL SURVEY	BY	DATE
	SURVEYED	PLOTTED
	NOTE BOOK	DATE
	NO.	AREAS CHECKED





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

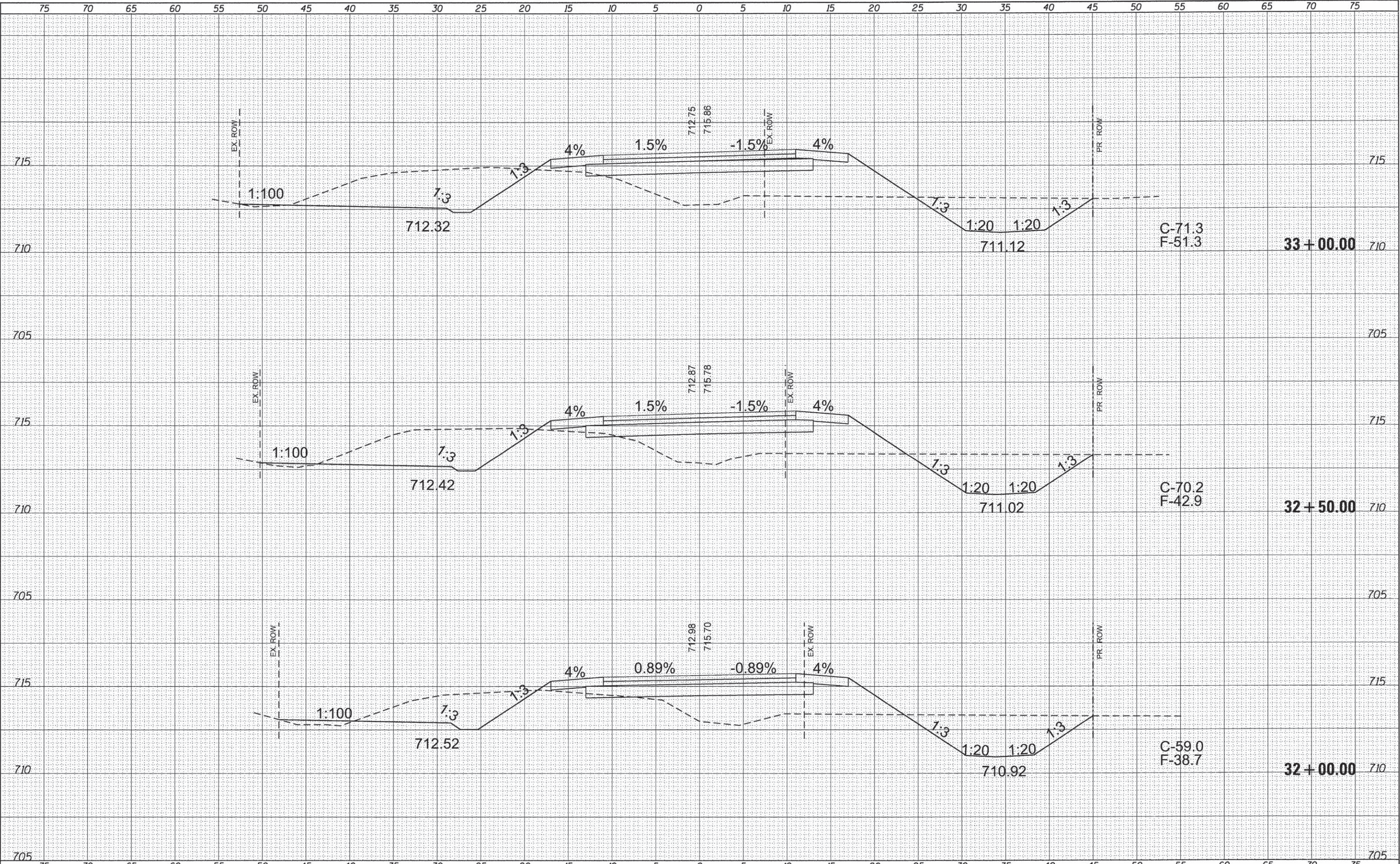
ORIGINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE





FINAL	BY	DATE
SURVEY		
PLOTTED		
NOTE BOOK		
NO.		

ORIGINAL	BY	DATE
SURVEY		
PLOTTED		
NOTE BOOK		
NO.		

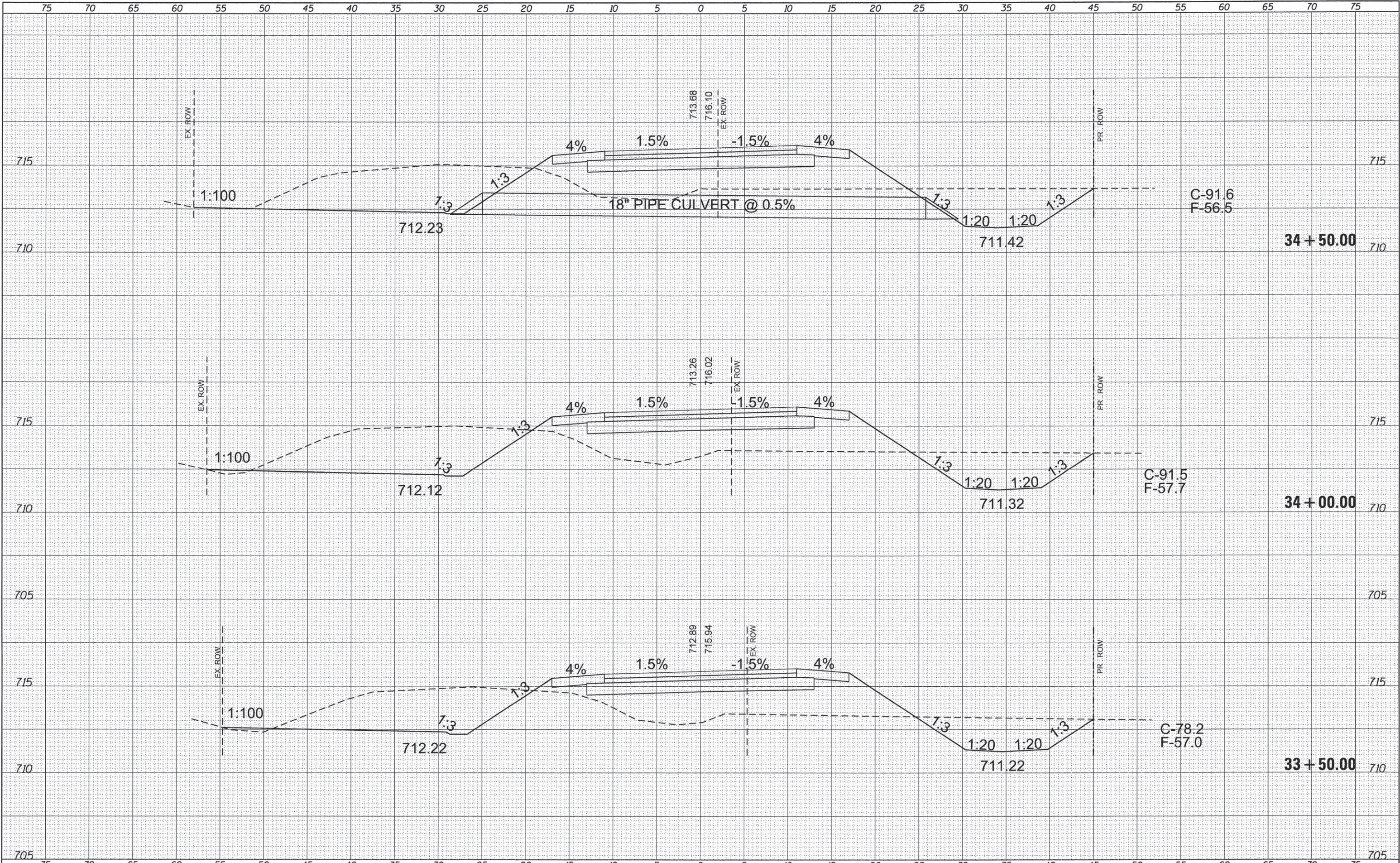


FILE NAME =	USER NAME = Fuhrmann2	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				CROSS-SECTIONS RISING ROAD				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C:\Users\Fuhrmann2\Desktop\15-882\CADD\XSCSheets-RISING.dgn		DRAWN -	REVISED -									TR. 94	15-03439-00-SP	CHAMPAIGN	54	44
Default	PLOT SCALE = 5.0000 ' / in.	CHECKED -	REVISED -									CONTRACT NO. 91531				
	PLOT DATE = 4/15/2016	DATE -	REVISED -									ILLINOIS FED. AID PROJECT NO. HSIP-0019(134)				
				SCALE:		SHEET		OF		SHEETS		STA. 32+00.00		TO STA.		



DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

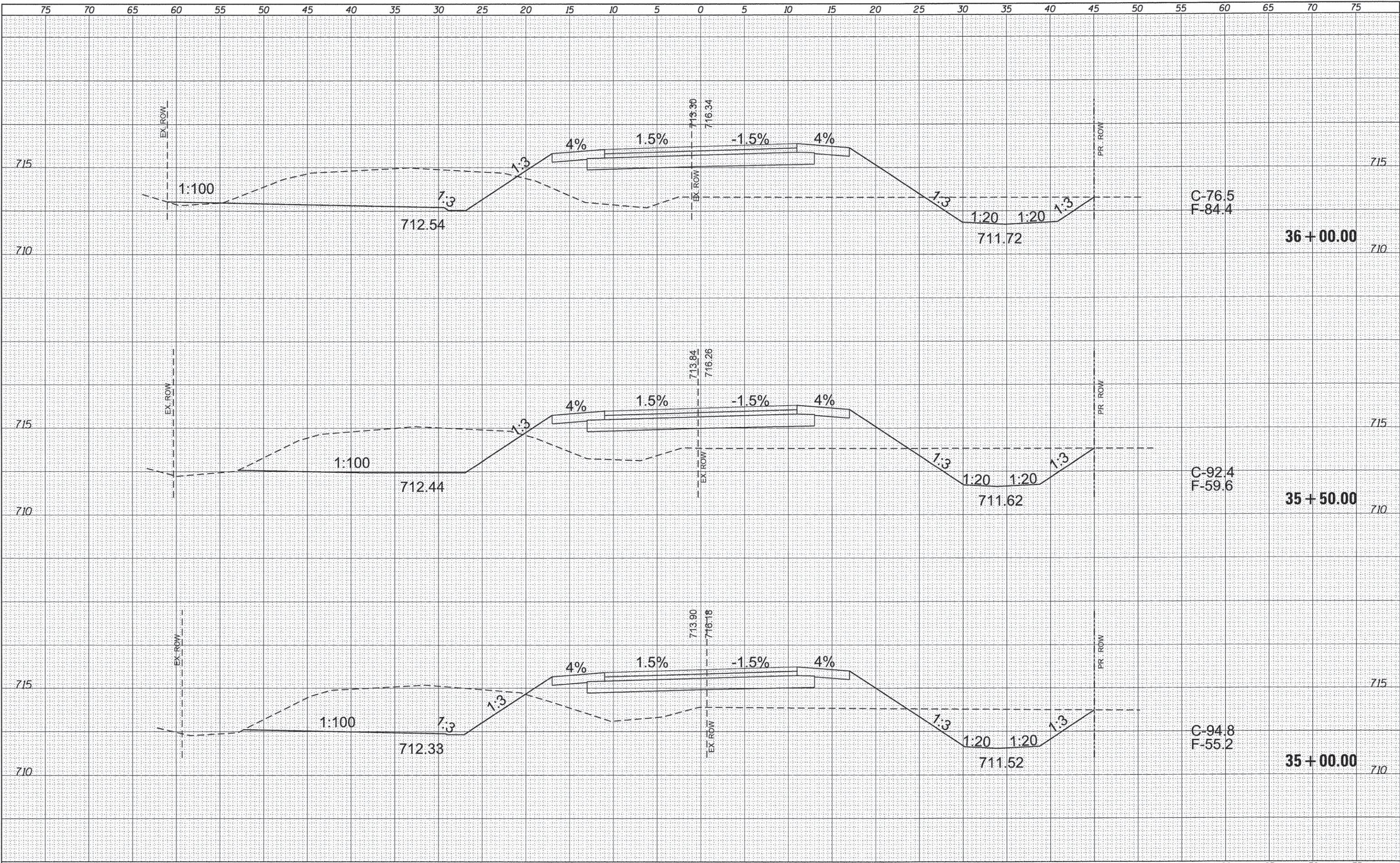
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	





DATE	
BY	
SURVEYED	
DESIGNED	
NOTED	
TEMP.	
AREAS	
CHECKED	
NO.	

DATE	
BY	
SURVEYED	
DESIGNED	
NOTED	
TEMP.	
AREAS	
CHECKED	
NO.	

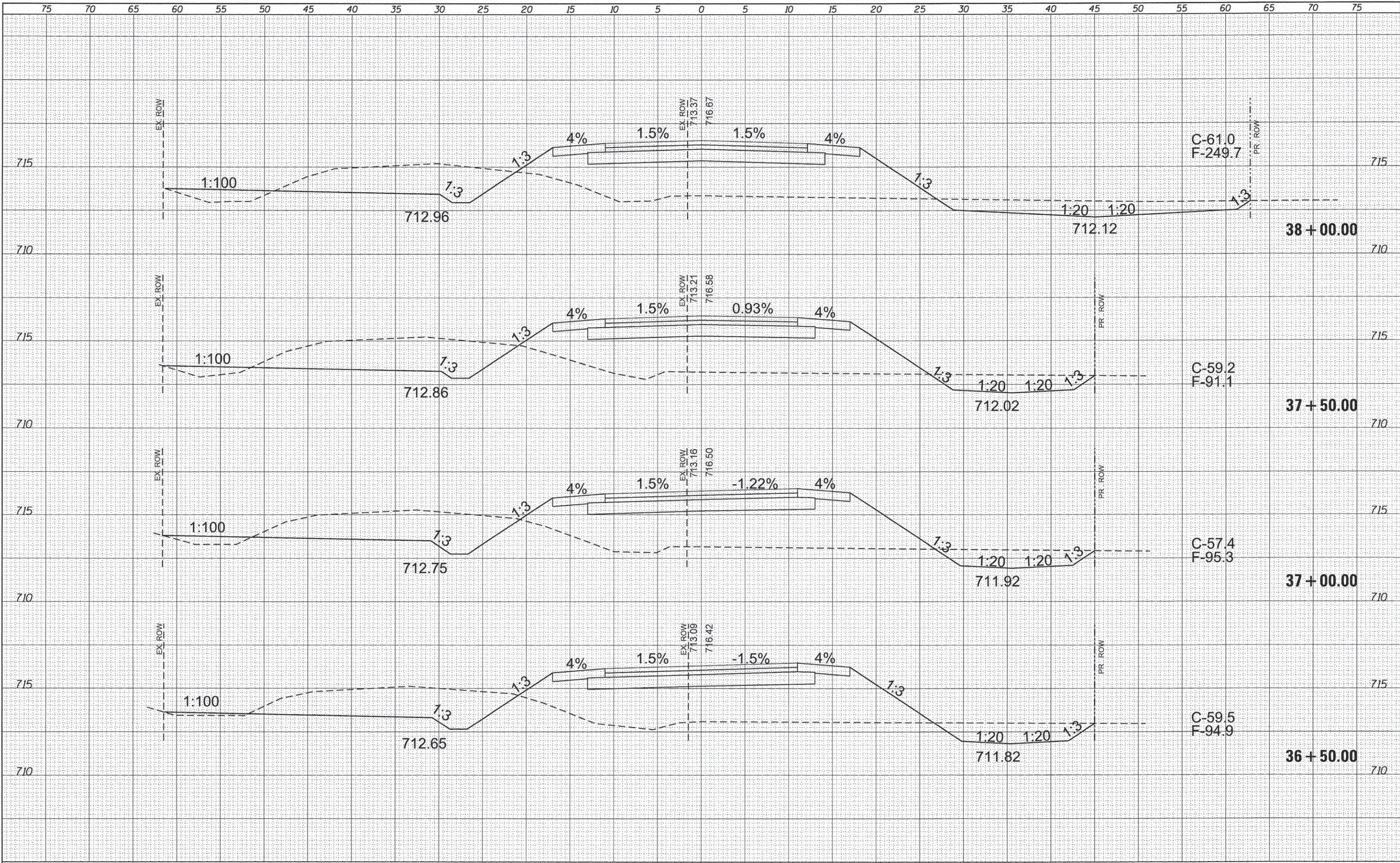


FILE NAME =	USER NAME = Fuhrmann2	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS-SECTIONS RISING ROAD				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C:\Users\Fuhrmann2\Desktop\15-882\CADD\XSCSheets-RISING.dgn		DRAWN -	REVISED -		TR 94	15-03439-00-SP	CHAMPAIGN	54	46				
Default		PLOT SCALE = 5.0000' / in.	REVISED -		CONTRACT NO. 91531				ILLINOIS FED. AID PROJECT NO. HSIP-0019(134)				
		PLOT DATE = 4/15/2016	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA. 36+00.00			



BY	DATE
SURVEYED	
NOTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

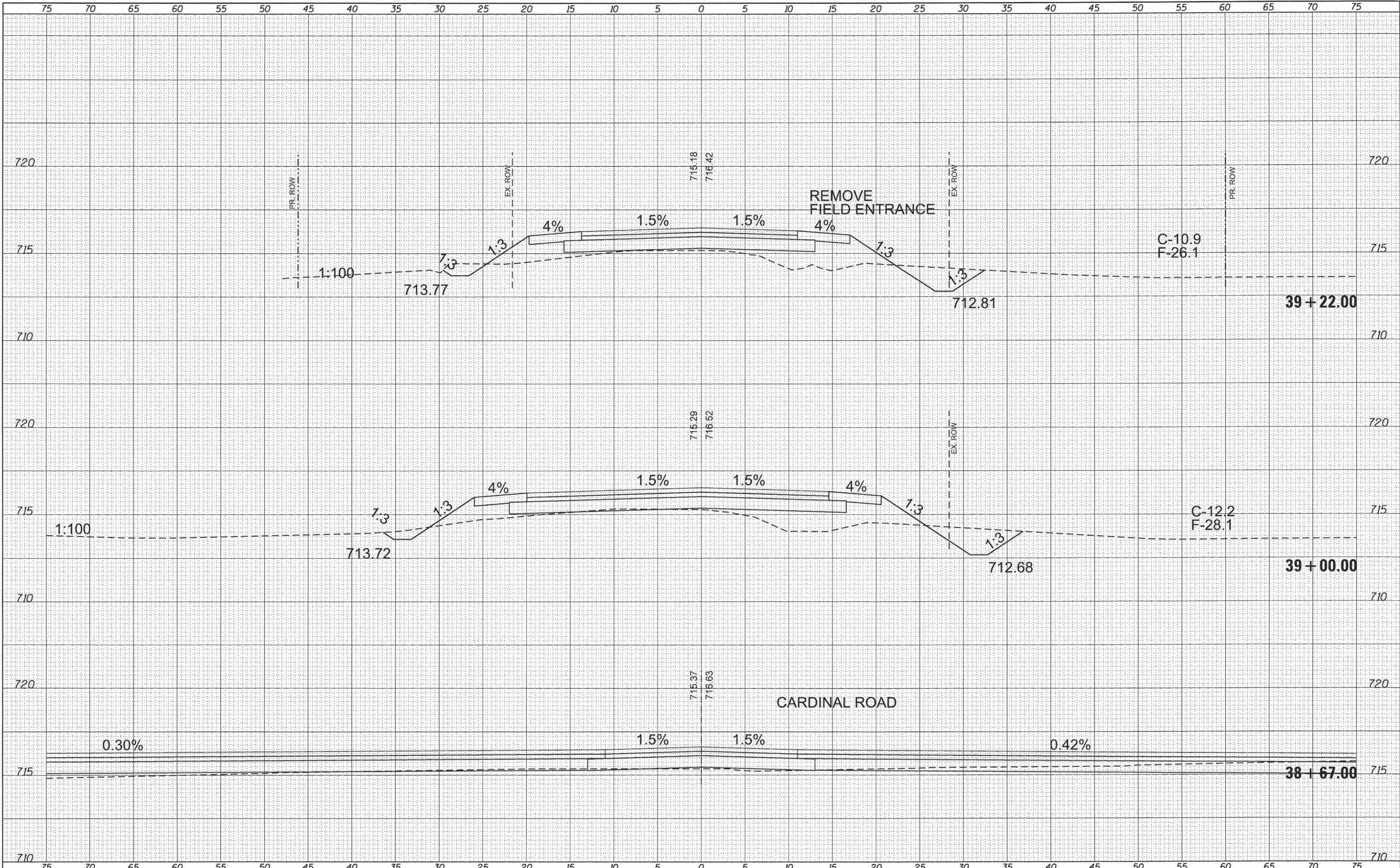
BY	DATE
SURVEYED	
NOTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	





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

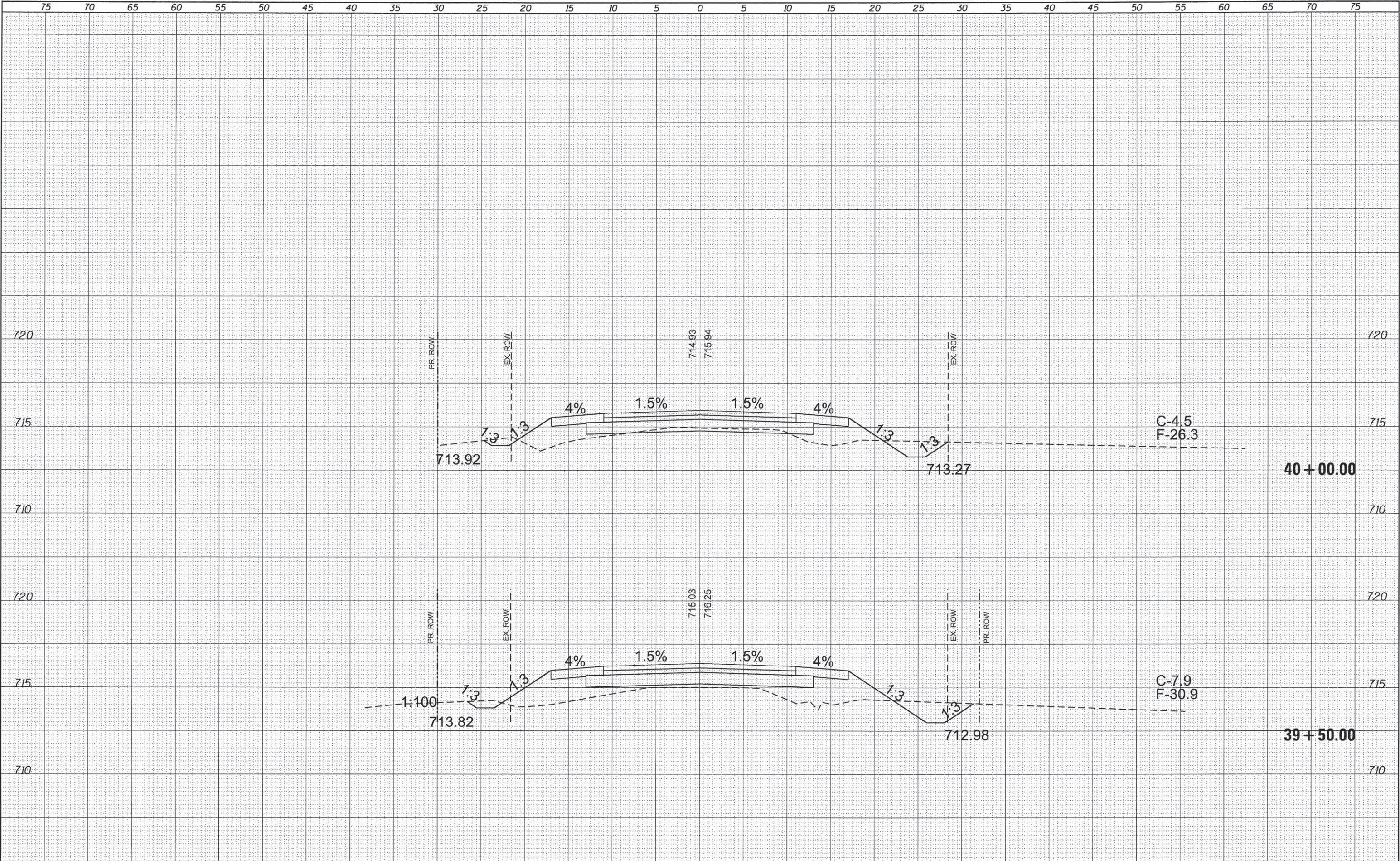
ORIGINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	PLATE		
NO.	AREAS CHECKED		





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

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

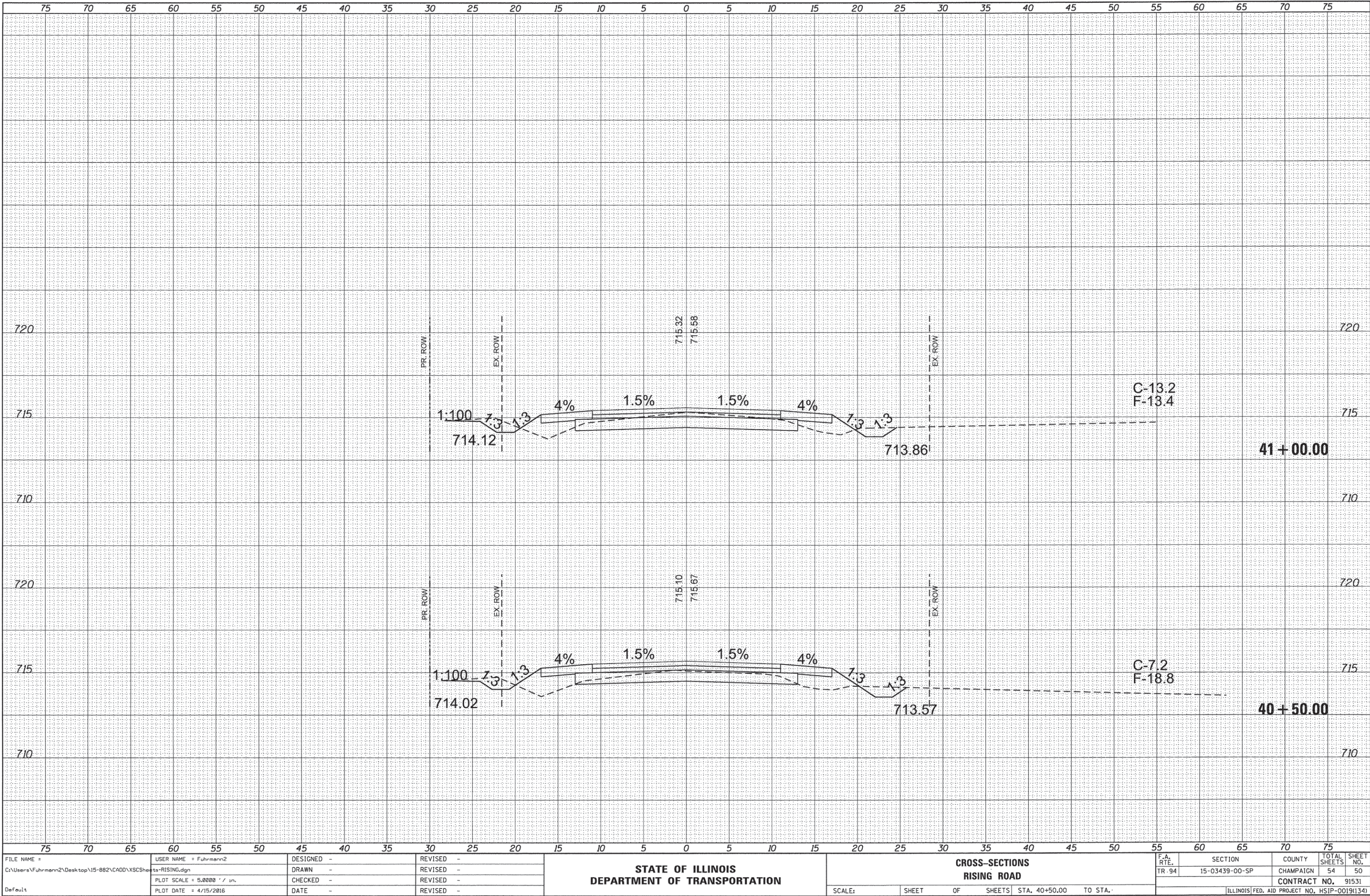


FILE NAME =	USER NAME = Fuhrmann2	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				CROSS-SECTIONS RISING ROAD				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C:\Users\Fuhrmann2\Desktop\15-882\CADD\XSCSheets-RISING.dgn		DRAWN -	REVISED -									TR-94	15-03439-00-SP	CHAMPAIGN	54	49
Default	PLOT SCALE = 5.0000' / 1in.	CHECKED -	REVISED -									CONTRACT NO. 91531				
	PLOT DATE = 4/15/2016	DATE -	REVISED -									[ILLINOIS] FED. AID PROJECT NO. HSIP-0019(134)				
SCALE:				SHEET OF SHEETS				STA. TO STA.								



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

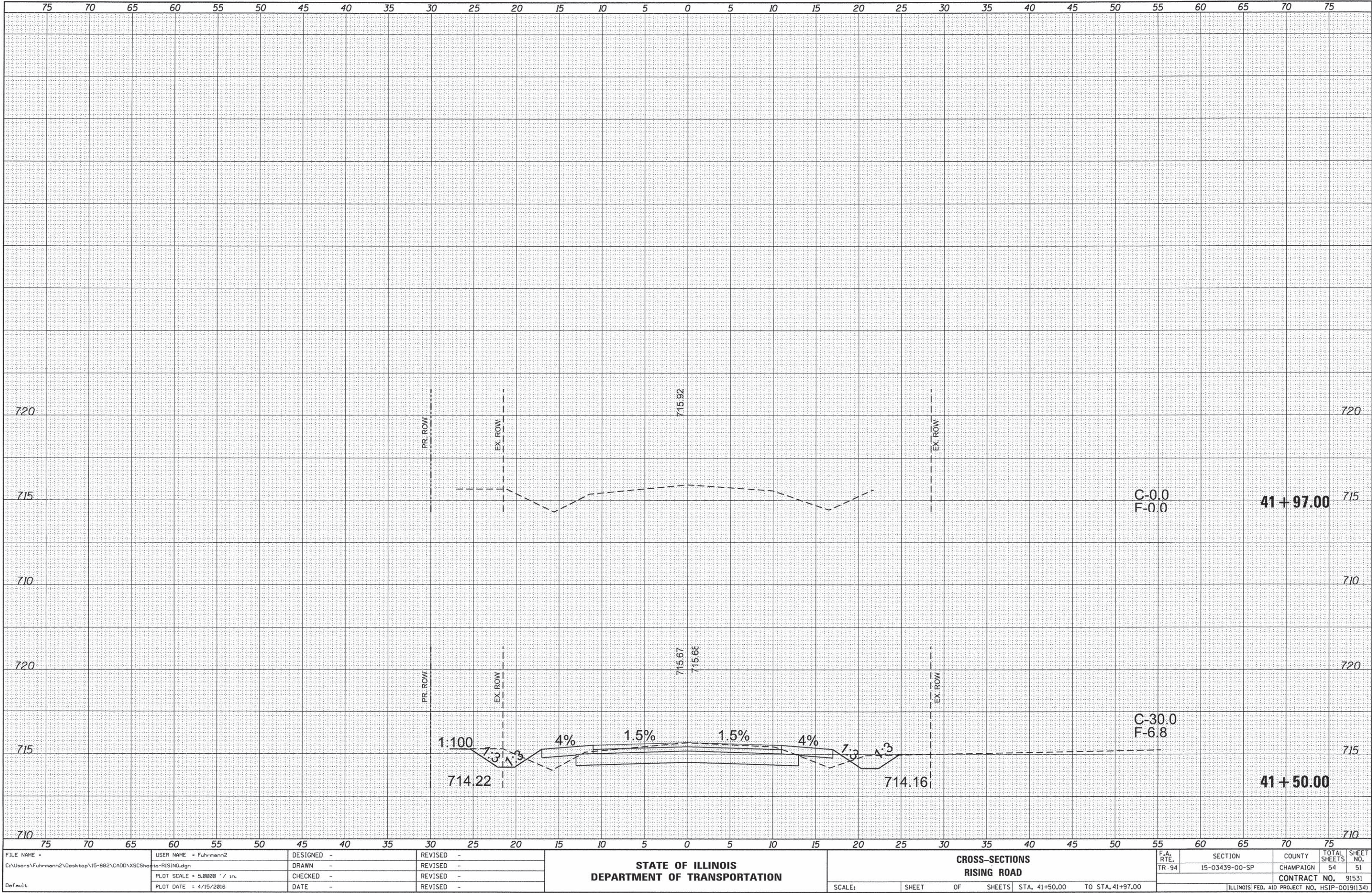
ORIGINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS CHECKED		





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

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

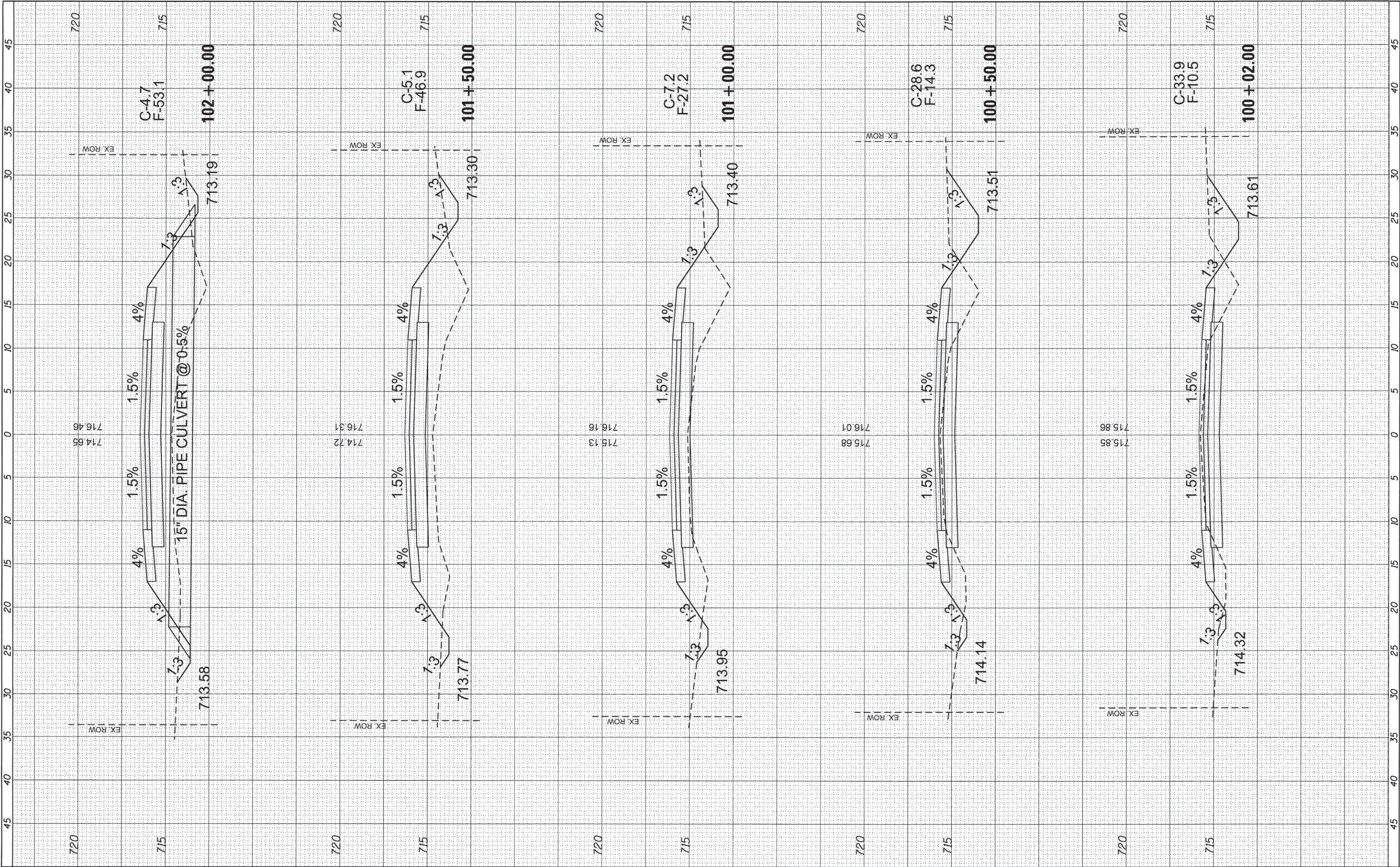


FILE NAME =	USER NAME = Fuhrmann2	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS-SECTIONS RISING ROAD				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C:\Users\Fuhrmann2\Desktop\15-882\CADD\XSCSheets-RISING.dgn		DRAWN -	REVISED -						TR- 94	15-03439-00-SP	CHAMPAIGN	54	51
	PLOT SCALE = 5.0000 ' / in.	CHECKED -	REVISED -										
Default	PLOT DATE = 4/15/2016	DATE -	REVISED -										
									SCALE:	SHEET	OF	SHEETS	STA. 41+50.00



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

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









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

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

