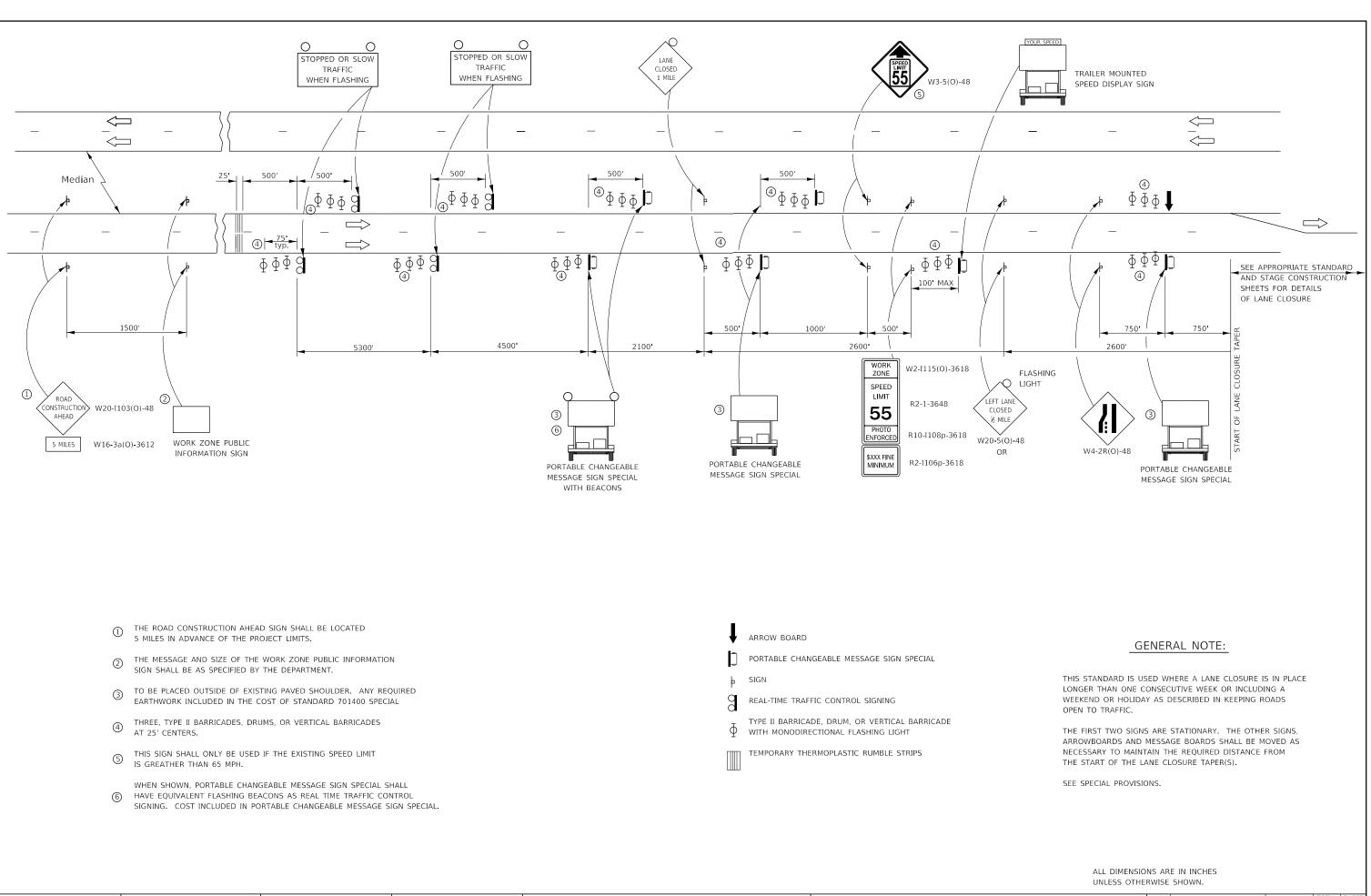
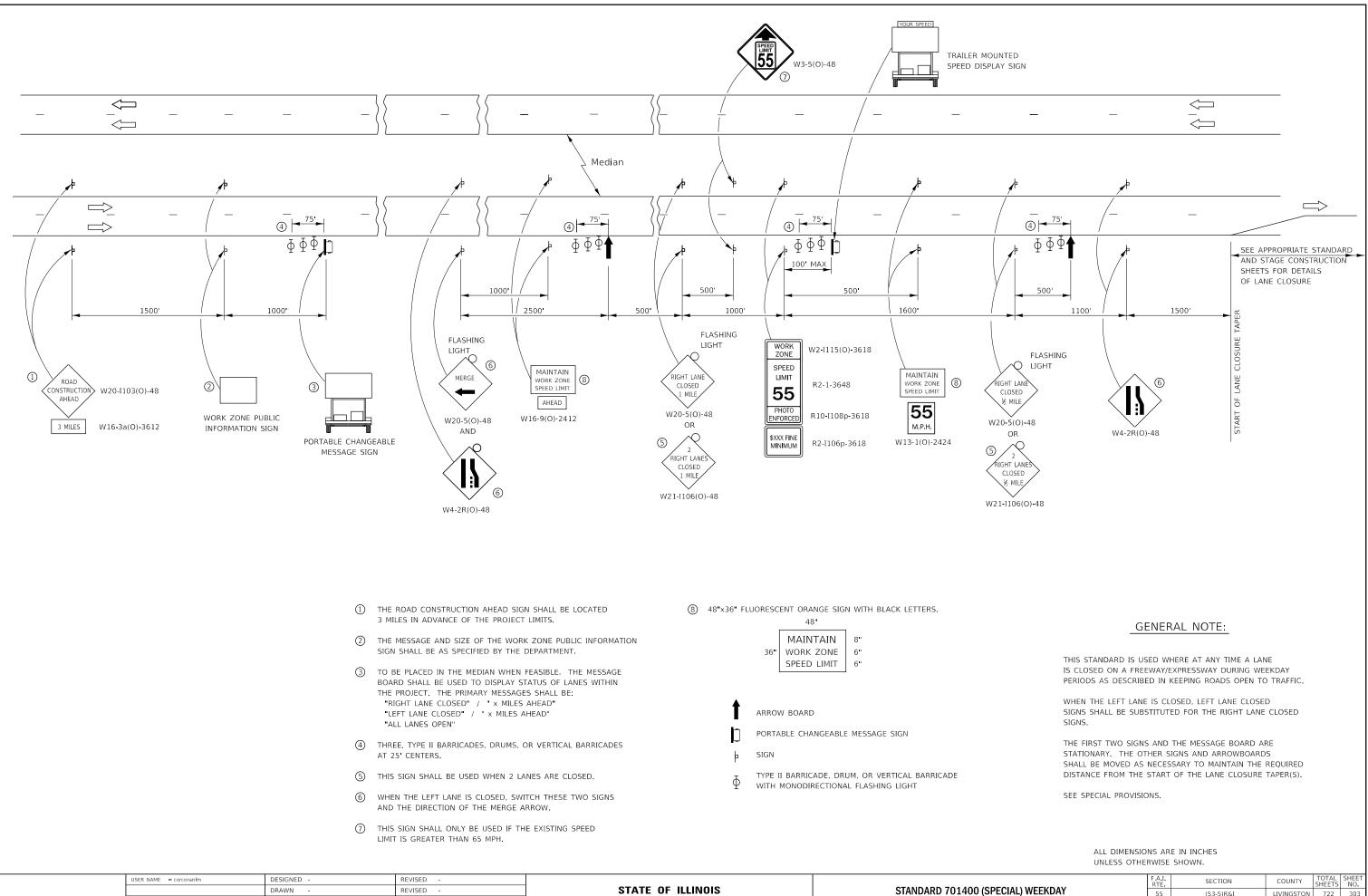


TO STA.	ILLINOIS FED. AID PROJECT	



USER NAME = corcoranim	DESIGNED -	REVISED -								F.A.I. BTE	SECTION	COUNTY	TOTAL	SHEET
	DRAWN -	REVISED -	STATE OF ILLINOIS		STANDAF	RD 7014		IAL) LONG TERM	_	55	(53-5)R&I	LIVINGSTO	ON 722	302
PLOT SCALE = 100.0000 / in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION									CONTRA	CT NO. 66	5B64
PLOT DATE = 4/2/2018	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA. TO STA.			ILLINOIS F	ED. AID PROJECT		



DEPARTMENT OF TRANSPORTATION SCALE: SHEET OF SHEET

PLOT SCALE = 100.0000 ' / in.

PLOT DATE = 4/2/2018

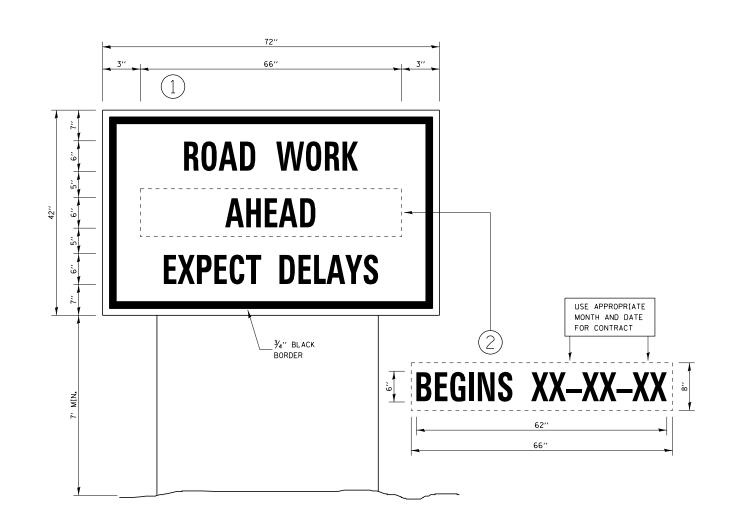
HECKED

DATE

REVISED

REVISED

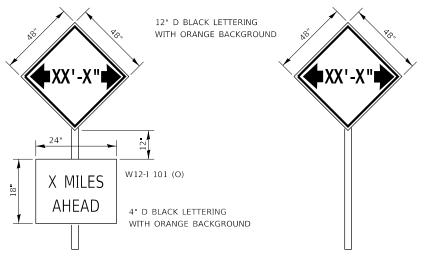
			F.A.I. RTE	SECT	ION		COUNTY	TOTAL SHEETS	SHEET NO.
PECIAL) WEEKDAY		55	(53-5)R&I			LIVINGSTON	722	303	
			_				CONTRACT	NO. 66	5B64
TS	STA.	TO STA.			ILLINOIS	FED. AI	D PROJECT		



TEMPORARY INFORMATION SIGNING

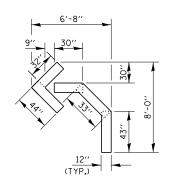
NOTES:

- 1. USE 6" D BLACK LETTERING ON FLUORESCENT ORANGE BACKGROUND.
- 2. ERECT SIGNS AT LOCATIONS IN ADVANCE OF THE "ROAD CONSTRUCTION AHEAD" SIGNS AS DIRECTED BY THE ENGINEER.
- 3. ERECT SIGN () WITH INSTALLED PANEL () A MINIMUM OF ONE WEEK PRIOR TO THE START OF THE LANE CLOSURE.
- 4. REMOVE PANEL 2 ON THAT DATE.
- 5. SEE SPECIAL PROVISION "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
- 6. WILL BE PAID FOR PER SO FT AS "TEMPORARY INFORMATION SIGNING". EACH SIGN = 21 SO FT AND THE DATE PANEL ②WILL NOT BE MEASURED SEPARATELY FOR PAYMENT.

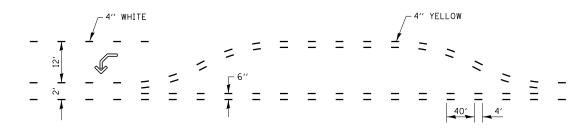


TO BE POST MOUNTED AS SHOWN ELSEWHERE IN THE PLANS.

COST OF SUPPLYING, INSTALLING, MAINTAINING AND REMOVING WIDTH RESTRICTION SIGNS SHALL BE INCLUDED IN THE COST OF WIDTH RESTRICTION SIGNING.



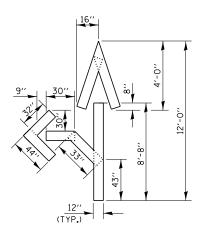
QUANTITY 12" LINE = 16 LIN FT OR 4" LINE = 48 LIN FT



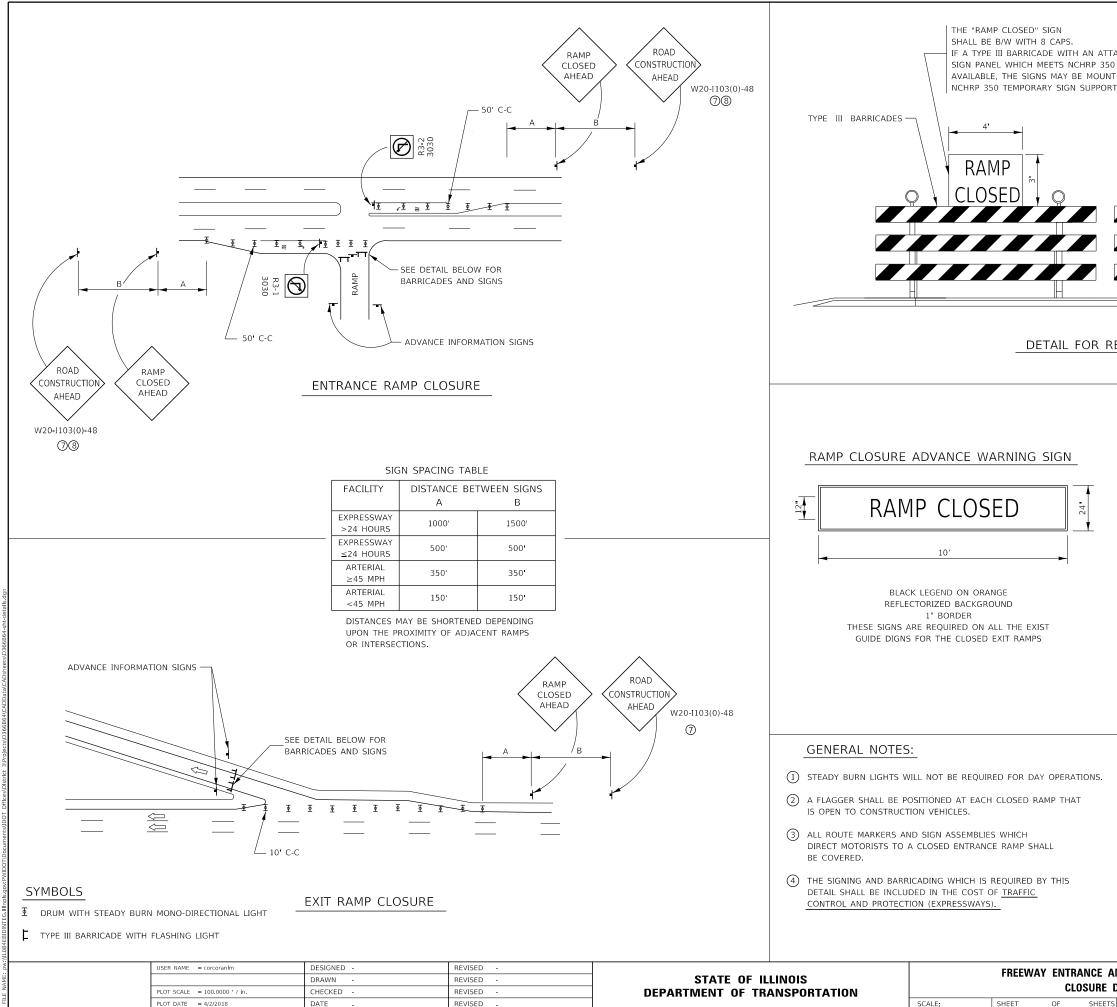
SHORT-TERM PAVEMENT MARKING FOR MEDIANS AND ARROWS

FILE NAME =	USER NAME = corcoranlm	DESIGNED -	REVISED -							F.A.I RTF	SECTION	COUNTY	TOTAL SHEET
pw:\\IL084EBIDINTEG.1llinois.gov:PWIDOT\Do	cuments\IDOT Offices\District 3\Projects\D36	E BRXXWN Data\EADsheets\D366B64-sht-detaı	3	STATE OF ILLINOIS			I	DETAILS		55	(53-5)R&I	LIVINGSTON	722 304
	PLOT SCALE = 100.0000 '/ in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION								CONTRAC	T NO. 66B64
Default	PLOT DATE = 4/2/2018	DATE –	REVISED -		SCALE:	SHEET	OF	SHEETS STA.	TO STA.		ILLINOIS FED.	AID PROJECT	

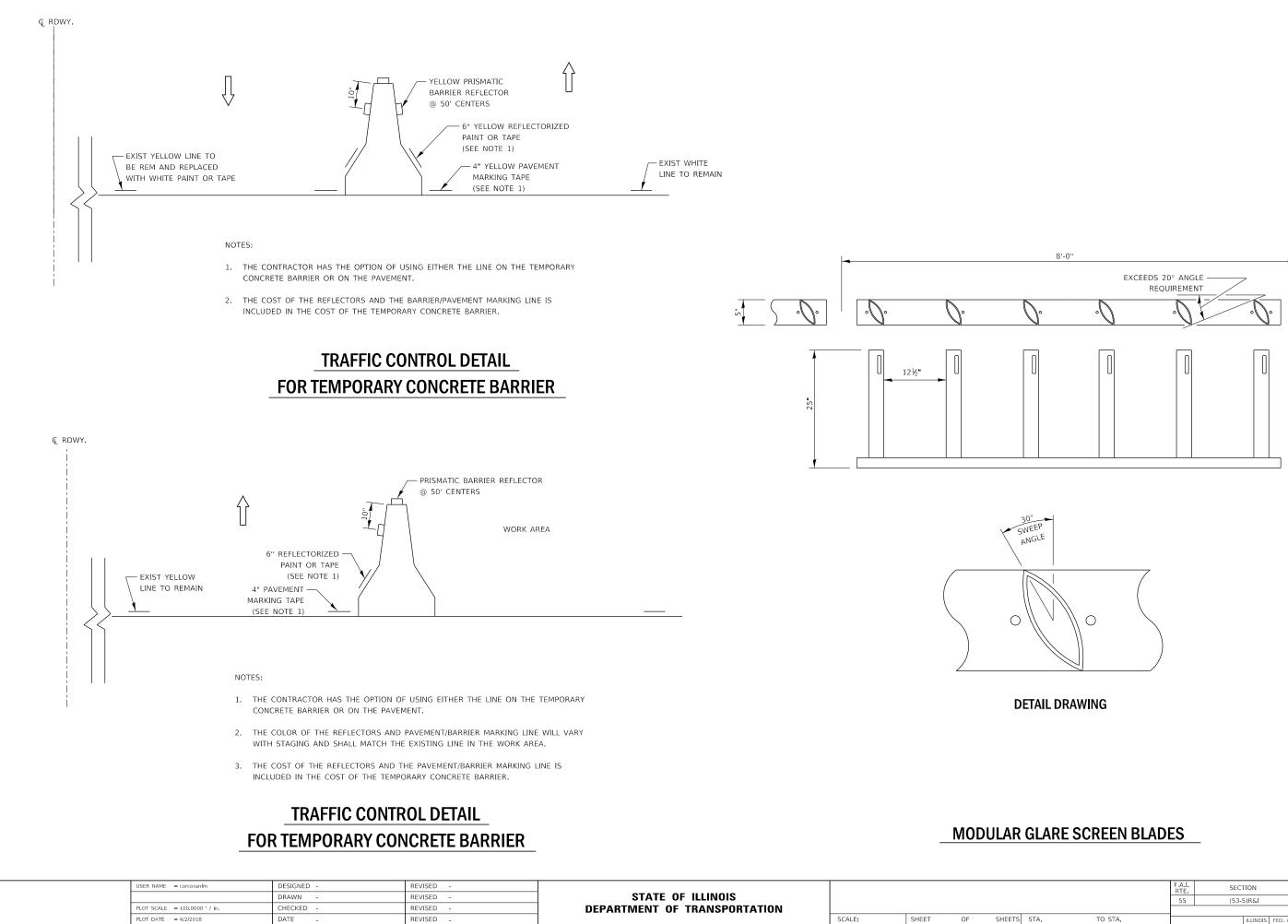
WIDTH RESTRICTION SIGNING DETAILS



QUANTITY 12" LINE = 29 LIN FT OR 4" LINE = 87 LIN FT

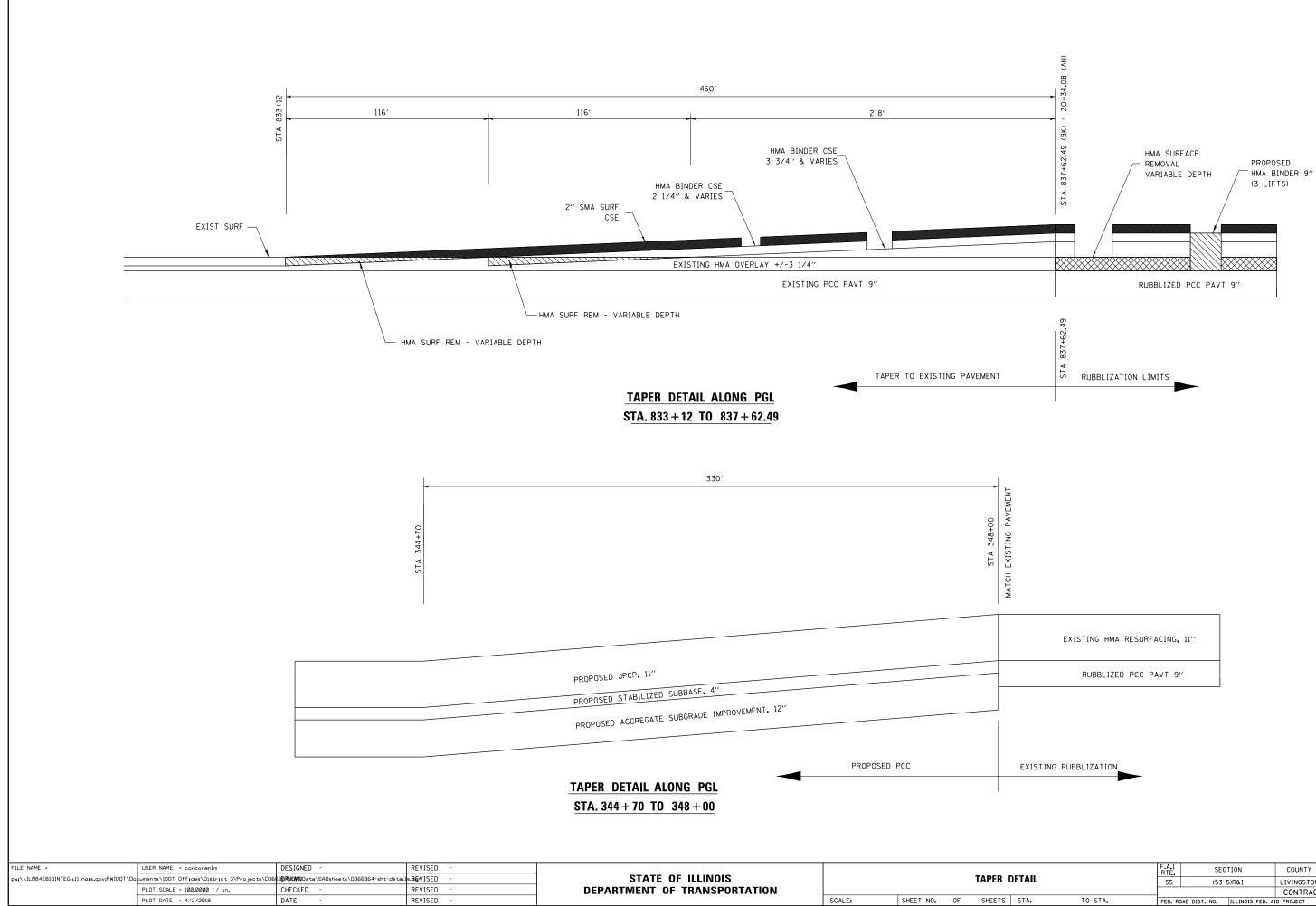


ACHED D IS NOT TED ON TS. FLASHER UN BOTH SIDES TYPE III B EQUIRED BARRICADES & S	S OF EACH BARRICADE	R5-	DO N ENTE		
RAMP CLOSURE ADVANCE Image: Constraint of the second sec	AMP BE SED	BLACK LEGEN WHITE REFLE(BACKGROUND ½" BOF THESE BLANI FILLED WITH TIME THAT T CLOSED. HE RAMP,	D ON CTORIZED RDER K AREAS SH/ THE DATES	AND THE	
 (5) AUTHORIZATION FROM TI REQUIRED FOR ALL RAMI (6) THE RAMP CLOSURE ADV IF THE CLOSURE TIME EX ADVANCE WARNING SIGN REQUIRED FOR EXIT RAM HOURS IN LENGTH. (7) ROAD CONSTRUCTION AF IS USED IN CONJUNCTION INCLUDES A ROAD CONSTR CLOSURES LESS THAN 24 	P CLOSURES. VANCE INFORMAT XCEEDS TWENTY- NS ON EXIT GUID 4P CLOSURES TH, HEAD SIGNS MAY N WITH OTHER T TRUCTION AHEAD UCTION AHEAD S	ION SIGNS SHA FOUR 24 HOI E SIGNING WIL AT EXCEED TW BE OMITTED N RAFFIC CONTRA D SIGN. BIGNS MAY BE	ALL BE EREC URS. ADDITIO L BE TENTY FOUR WHEN THIS D OL THAT ALF	DNAL 24 DETAIL READY	
ND EXIT RAMP DETAILS	NIE.	ECTION 53-5)R&I	COUNTY LIVINGSTON CONTRACT	SHEETS N 722 3	IEET 10. 305 54



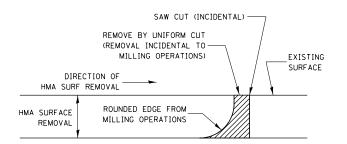
			F.A.I. RTE	SECT	ION		COUNTY	TOTAL SHEETS	SHEET NO.
			55	(53-5	5)R&I		LIVINGSTON	722	306
							CONTRACT	NO. 66	5B64
TS	STA.	TO STA.			ILLINOIS	FED. AI	ID PROJECT		





			F.A.I			00111177	TOTAL	SHEET
. .	CT ALL		RTE.	SEC	IION	COUNTY	SHEETS	NO.
ίL	DETAIL		55	(53-5	5)R&I	LIVINGSTON	722	307
						CONTRACT	NO. 6	6B64
rs	STA.	TO STA.	FED. RO	AD DIST. NO.	ILLINOIS FED. AI	D PROJECT		

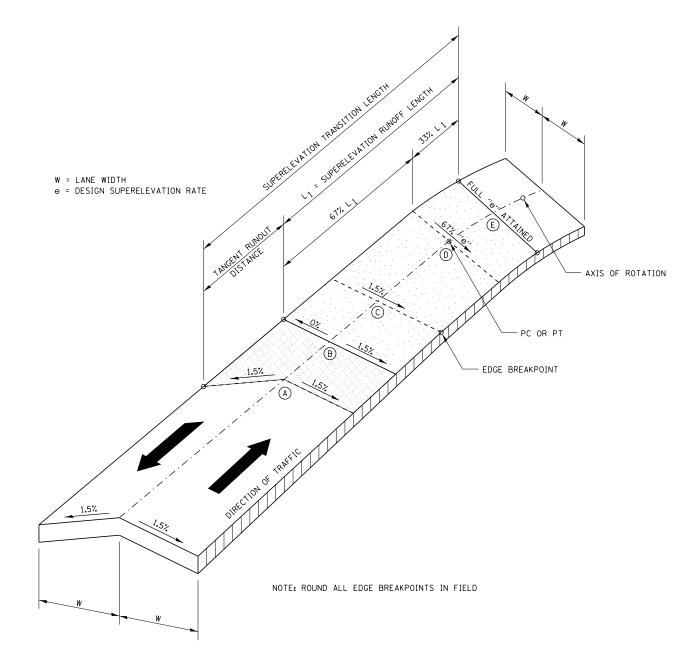
EV/LC TIVO	 	



NOTE:

WHEN MILLING OPERATIONS PRODUCE A ROUNDED EDGE, THEN A SAW CUT SHALL BE USED TO MANUFACTURE A PERPENDICULAR EDGE AS SHOWN IN THE DETAIL. THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING THE USE OF THIS DETAIL



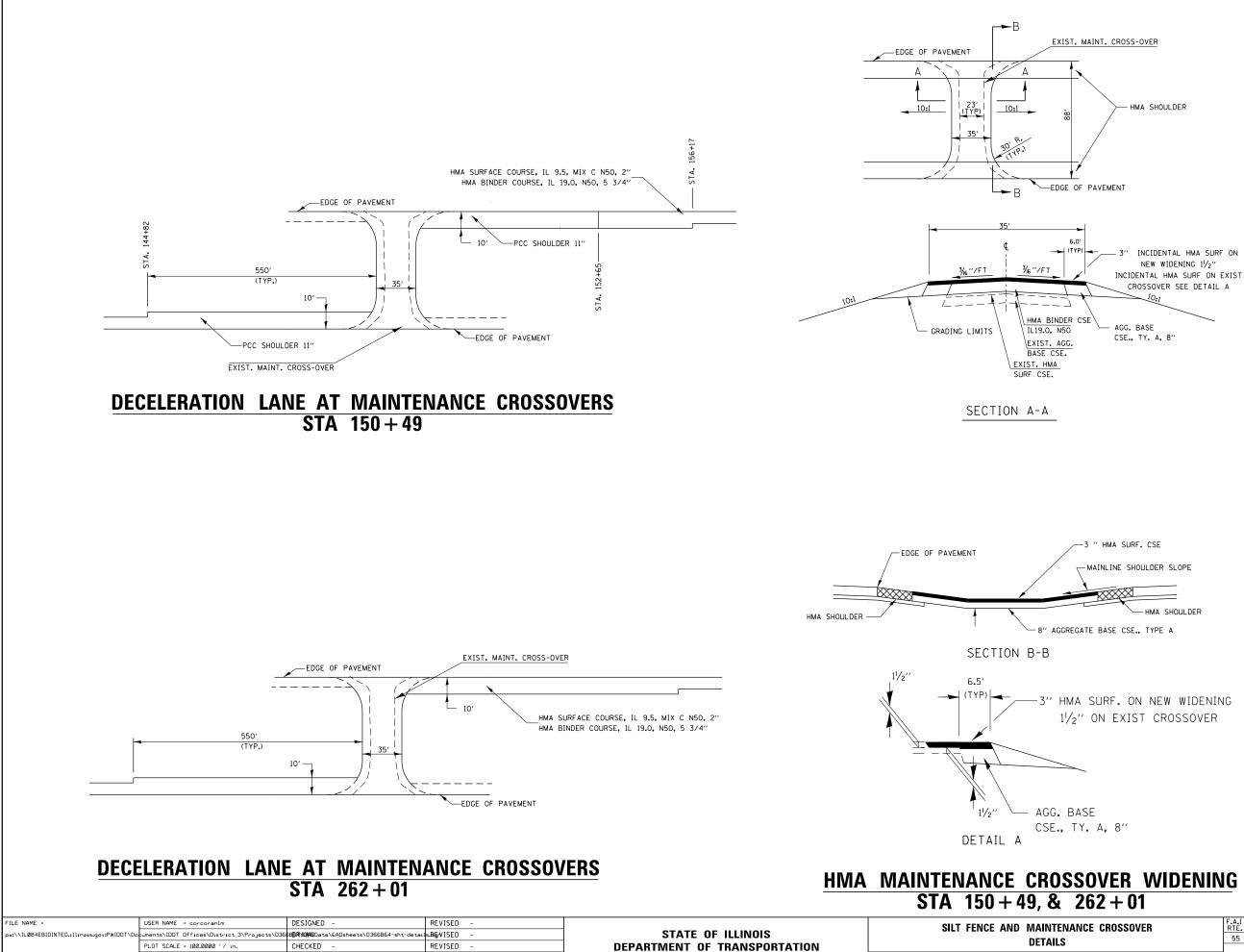


SUPERELEVATION TRANSITION ON TWO-LANE HIGHWAY

FILE NAME =	USER NAME = corcoranlm	DESIGNED -	REVISED -			\$		VATION TRANSITION	1	F.A.I RTF	SECTION	COUNTY TOT	TAL SHEET
pw://IL084EBIDINTEG.1111no1s.go	v:PWIDOT\Documents\IDOT_Offices\District_3\Projec	ts\D36 688RXXXXI Data\&ADsheets\D3668	64-sht-details.RGVISED -	STATE OF ILLINOIS		5				55	(53-5)R&I	LIVINGSTON 72	722 308
	PLOT SCALE = 100.0000 '/ in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION			AND R	BUTT JOINT DETAILS				CONTRACT NO	0. 66B64
Default	PLOT DATE = 4/2/2018	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS STA.	TO STA.		ILLINOIS F	ED. AID PROJECT	

	SUPERELEVATIO	ON TABLE	
STATION	DESCRIPTION	LA	NE
STATION	DESCRIPTION	PASSING	DRIVING
	NORTHBOUN	۱D	
20+45	NORMAL CROWN	1.50%	-1.50%
20+90	HIGH SIDE @ 0%	1.50%	0.00%
21+35	BOTH LANES @ 1.5%	1.50%	1.50%
PC 22+10	67% OF FULL SUPER	2.78%	2.78%
22+70	FULL SUPER	3.80%	3.80%
49+75	FULL SUPER	3.80%	3.80%
PT 50+35	67% OF FULL SUPER	2.78%	2.78%
51+10	BOTH LANES @ 1.5%	1.50%	1.50%
51+55	HIGH SIDE @ 0%	1.50%	0.00%
52+00	NORMAL CROWN	1.50%	-1.50%
	SOUTHBOUN	۱D	
20+45	NORMAL CROWN	-1.50%	1.50%
20+90	HIGH SIDE @ 0%	0.00%	1.50%
21+35	BOTH LANES @ 1.5%	1.50%	1.50%
PC 22+10	67% OF FULL SUPER	2.78%	2.78%
22+70	FULL SUPER	3.80%	3.80%
49+75	FULL SUPER	3.80%	3.80%
PT 50+35	67% OF FULL SUPER	2.78%	2.78%
51+10	BOTH LANES @ 1.5%	1.50%	1.50%
51+55	HIGH SIDE @ 0%	0.00%	1.50%
52+00	NORMAL CROWN	-1.50%	1.50%

	SUPERELEVATIO	ON TABLE	
STATION	DESCRIPTION	LAI	VE
STATION	DESCRIPTION	PASSING	DRIVING
	NORTHBOUM	۱D	
197+75	NORMAL CROWN	-1.50%	1.50%
198+15	HIGH SIDE @ 0%	0.00%	1.50%
198+60	BOTH LANES @ 1.5%	1.50%	1.50%
PC 199+60	67% OF FULL SUPER	3.32%	3.32%
200+00	SHLDR BREAKOVER	4.00%	4.00%
200+35	FULL SUPER	4.60%	4.60%
246+00	FULL SUPER	4.60%	4.60%
246+35	SHLDR BREAKOVER	4.00%	4.00%
PT 246+75	67% OF FULL SUPER	3.32%	3.32%
247+75	BOTH LANES @ 1.5%	1.50%	1.50%
248+20	HIGH SIDE @ 0%	0.00%	1.50%
248+60	NORMAL CROWN	-1.50%	1.50%
	SOUTHBOUN	ND	
197+75	NORMAL CROWN	1.50%	-1.50%
198+15	HIGH SIDE @ 0%	1.50%	0.00%
198+60	BOTH LANES @ 1.5%	1.50%	1.50%
PC 199+60	67% OF FULL SUPER	3.32%	3.32%
200+00	SHLDR BREAKOVER	4.00%	4.00%
200+35	FULL SUPER	4.60%	4.60%
246+00	FULL SUPER	4.60%	4.60%
246+35	SHLDR BREAKOVER	4.00%	4.00%
PT 246+75	67% OF FULL SUPER	3.32%	3.32%
247+75	BOTH LANES @ 1.5%	1.50%	1.50%
248+20 248+60	HIGH SIDE @ 0% NORMAL CROWN	1.50%	0.00%
240+60	NURMAL CRUWN	1.50%	-1.50%



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PLOT DATE = 4/2/2018

DATE

REVISED

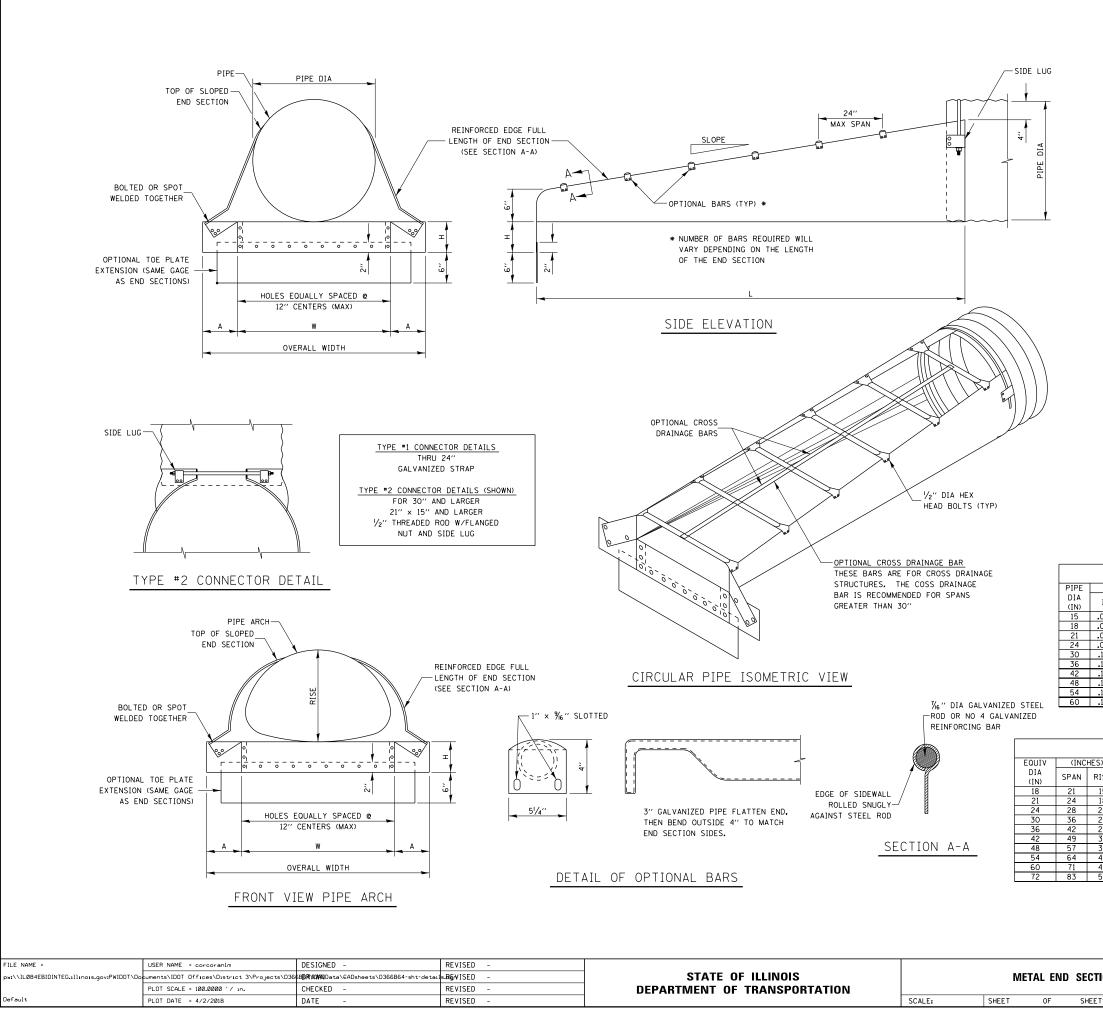
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SCALE:

SHEET

NANCE CROSSOVER	F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S	55	(53-5)R&I	LIVINGSTON	722	309
			CONTRACT	NO. 6	6B64
S STA. TO STA.		ILLINOIS FED. A	D PROJECT		



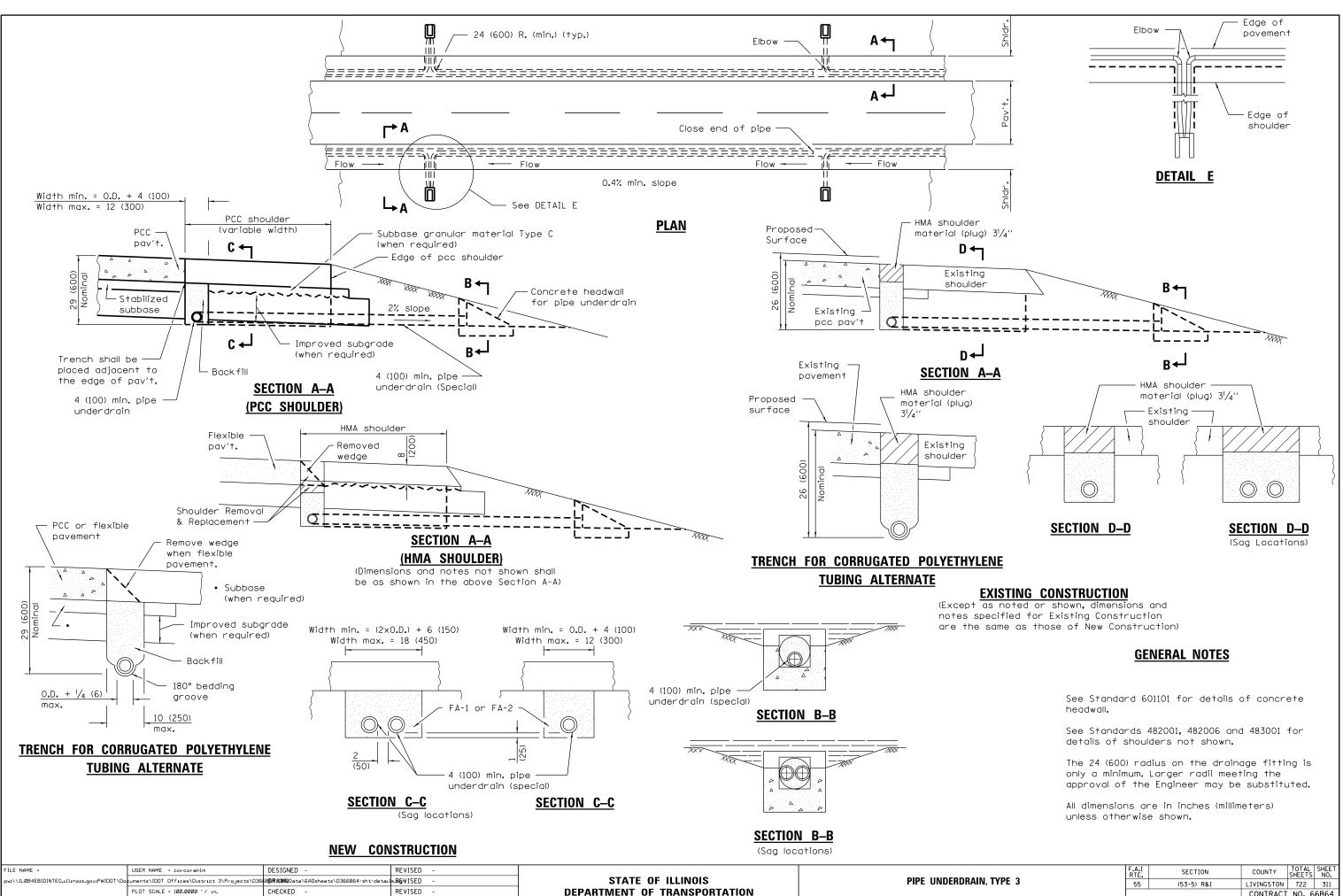
GENERAL NOTES

- 1. <u>CONNECTORS</u> ROUND SIZES THRU 24" ATTACH TO PIPE WITH TYPE #1 STRAPS, ALL OTHER SIZES ATTACH WITH TYPE #2 RODS AND LUGS.
- 2. TOE PLATE EXTENSIONS WHEN REQUIRED, TOE PLATE EXTENSIONS ARE TO BE THE SAME GAGE AS END SECTIONS. DIMENSIONS SHALL BE OVERALL WIDTH LESS 6 INCHES BY 8 INCHES HIGH.
- 3. OPTIONAL BARS BARS WHEN SPECIFIED, SHALL BE SCHEDULE 40 GALVANIZED STEEL PIPE.
- 4. TYPICALLY PARALLEL BARS ARE PLACED ON 24" CENTERS.
- 5. TYPICALLY THE CROSS BARS ARE USED ON CROSS DRAIN APPLICATIONS.
- 6. HOLES FOR BAR ATTACHMENTS SHALL BE PROVIDED ON ALL END SECTIONS.
- 7. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
- 8. THESE END SECTIONS WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR SLOPED METAL END SECTIONS WITH GRATE OF THE DIAMETER SPECIFIED, WHICH SHALL INCLUDE FURNISHING AND INSTALLING THE END SECTION COMPLETE IN PLACE, INCLUDING THE TOE PLATE, EXCAVATING, BACKFILLING, CONNECTING TO THE PIPE, AND CROSS DRAINAGE BARS.

MET	AL	EN) S	ECTIONS F	OR ROU	ND PIPE			
THICK	DIN	MENS	SION	S (INCHES)		L DIME	NSIONS		
GAGE	Α	н	w	OVERALL WIDTH	SLOPE	LENGTH (IN)	SLOPE	LENGTH (IN)	
16	8	6	21	37	6:1	30	4:1	20	
16	8	6	24	40	6:1	48	4:1	32	
16	8	6	27	43	6:1	66	4:1	44	
16	8	6	30	46	6:1	84	4:1	56	
12	12	9	36	60	6:1	120	4:1	80	
12	12	9	42	66	4:1	104	6:1	156	
12	16	12	48	80	4:1	128	6:1	192	
12	16	12	54	86	4:1	152	6:1	228	
12	16	12	60	92	4:1	176	6:1	264	
12	16	12	66	98	4:1	200	6:1	300	
	THICK GAGE 16 16 16 16 12 12 12 12 12 12 12	THICK DIM CAGE A 16 8 16 8 16 8 16 8 12 12 12 12 12 16 12 16 12 16 12 16	THICK DIMENS GAGE A H 16 8 6 16 8 6 16 8 6 12 12 9 12 12 16 12 12 16 12 16 12 12 16 12	THICK DIMENSION GAGE A H W 16 8 6 21 16 8 6 24 16 8 6 21 16 8 6 27 16 8 6 21 12 12 9 36 12 12 9 42 12 16 12 48 12 16 12 46 12 16 12 60	THICK DIMENSIONS (INCHES) GAGE A H W OVERALL WIDTH 16 8 6 21 37 16 8 6 24 40 16 8 6 27 43 16 8 6 30 46 12 12 9 36 60 12 12 9 42 66 12 16 12 48 80 12 16 12 48 86 12 16 12 48 86 12 16 12 48 86 12 16 12 54 86 12 16 12 54 86	THICK DIMENSIONS (INCHES) GAGE A H W OVERALL WIDTH SLOPE 16 8 6 21 37 6:1 16 8 6 24 40 6:1 16 8 6 27 43 6:1 16 8 6 27 43 6:1 12 12 9 36 60 6:1 12 12 9 42 66 4:1 12 16 12 48 80 4:1 12 16 12 54 86 4:1 12 16 12 54 86 4:1	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	

METAL END SECTIONS FOR PIPE ARCH												
)	MIN	THICK	DI	MENS	SION	S (INCHES)		L DIME	NSIONS			
ISE	IN	GAGE	Α	н	w	OVERALL WIDTH	SLOPE	LENGTH (IN)	SLOPE	LENGTH (IN)		
15	.064	16	8	6	27	43	6:1	30	4:1	20		
18	.064	16	8	6	30	46	6:1	48	4:1	32		
20	.064	16	8	6	34	50	6:1	60	4:1	40		
24	.079	14	12	9	41	65	6:1	84	4:1	56		
29	.109	12	12	9	48	72	6:1	114	4:1	76		
33	.109	12	16	12	55	87	4:1	92	6:1	138		
38	.109	12	16	12	63	95	4:1	112	6:1	168		
43	.109	12	16	12	70	102	4:1	132	6:1	198		
47	.109	12	16	12	77	109	4:1	148	6:1	222		
57	.109	12	16	12	89	121	4:1	188	6:1	282		

ION DETAILS		F.A.I RTE.	SEC	LION		COUNTY	TOTAL SHEETS	SHEET NO.
		55 (53-5)R&I			LIVINGSTON	722	310	
						CONTRACT	NO. 6	6B64
TS STA.	TO STA.	ILLINOIS FED. AID PROJECT						



SCALE:

SHEET

OF SHEET

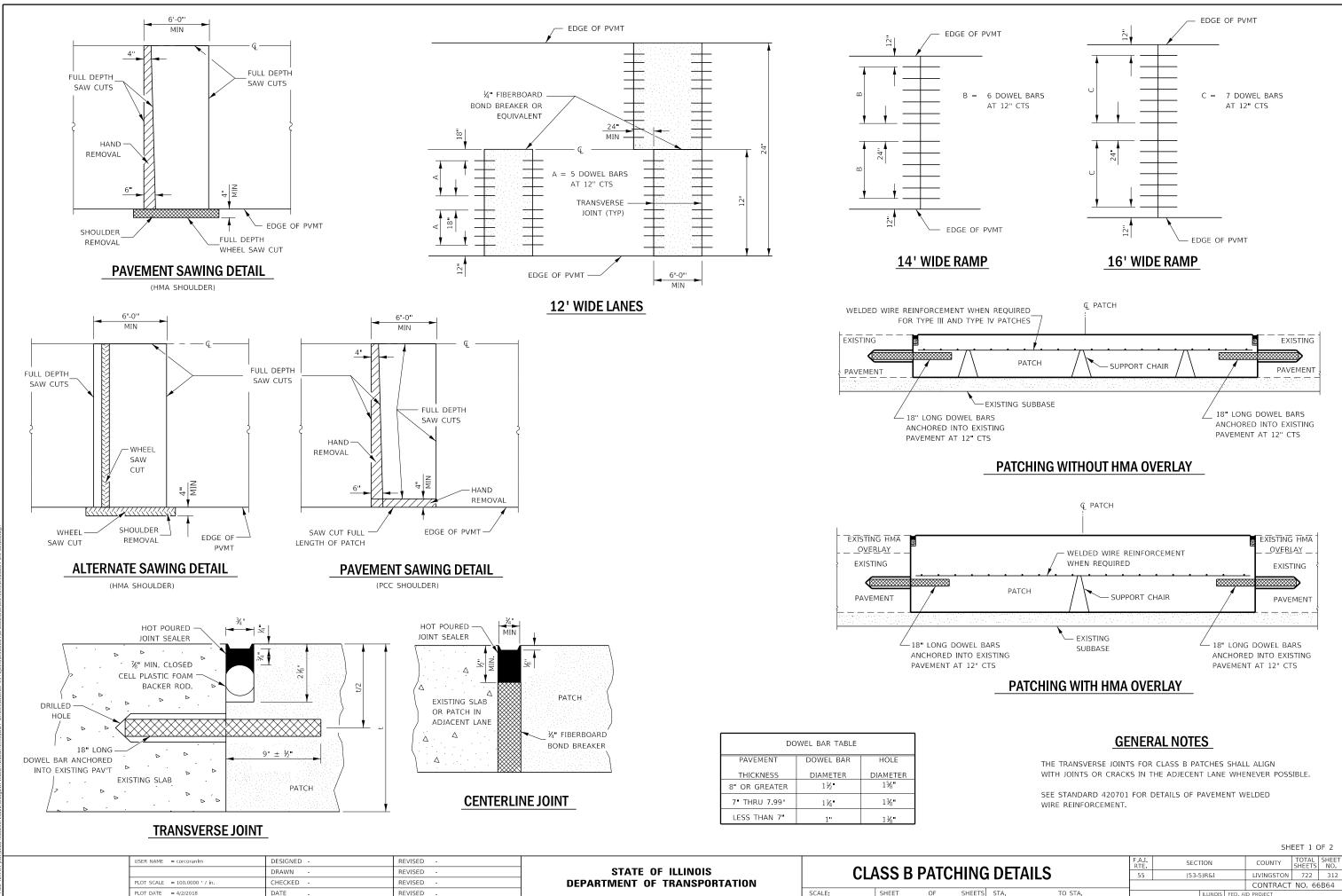
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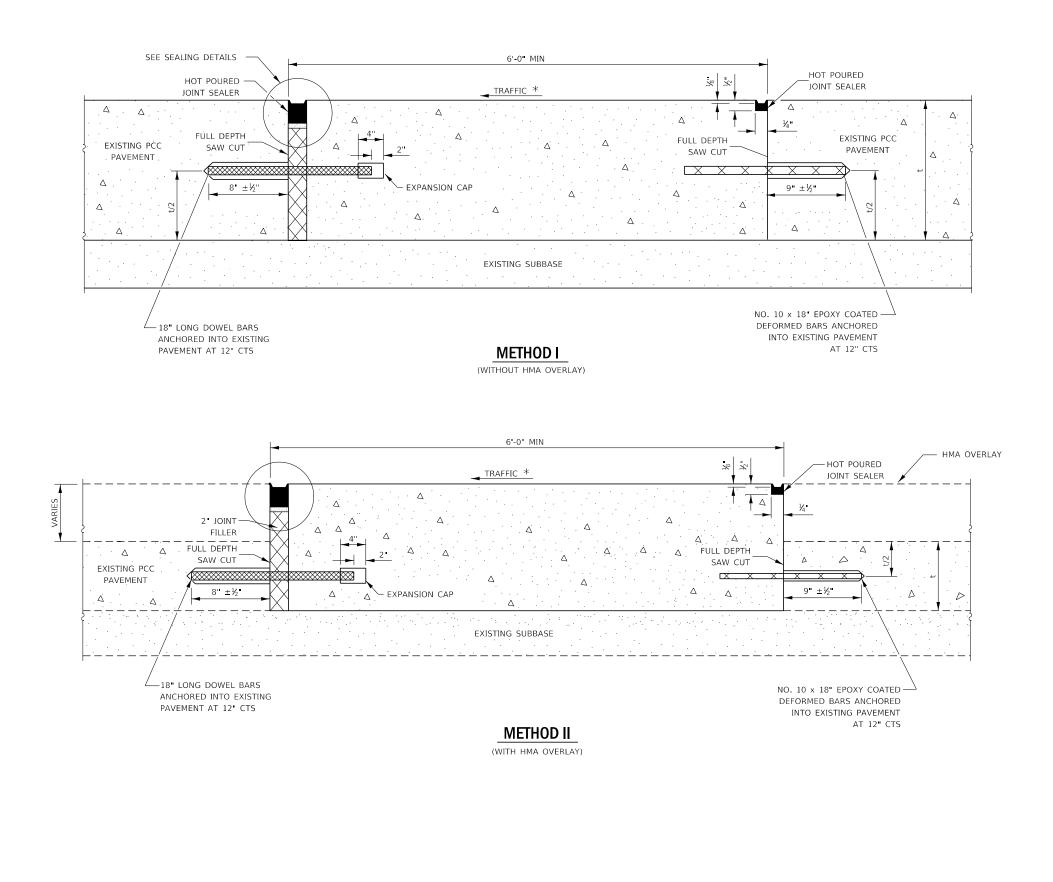
DATE

PLOT DATE = 4/2/2018

REVISED

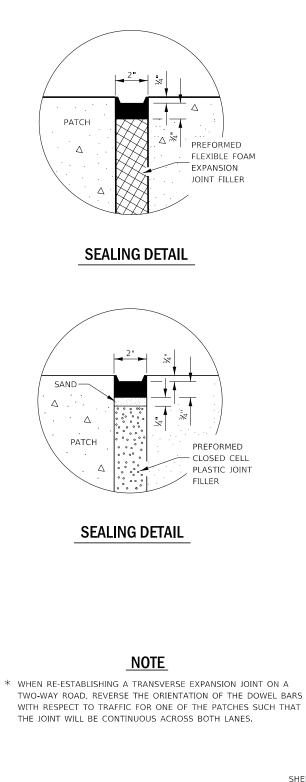
	IN, TYPE 3		F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
AIN			55	(53-5) R&I	LIVINGSTON	722	311			
			_		CONTRACT	NO. 6	6B64			
TS	STA.	TO STA.		ILLINOIS FED. AID PROJECT						



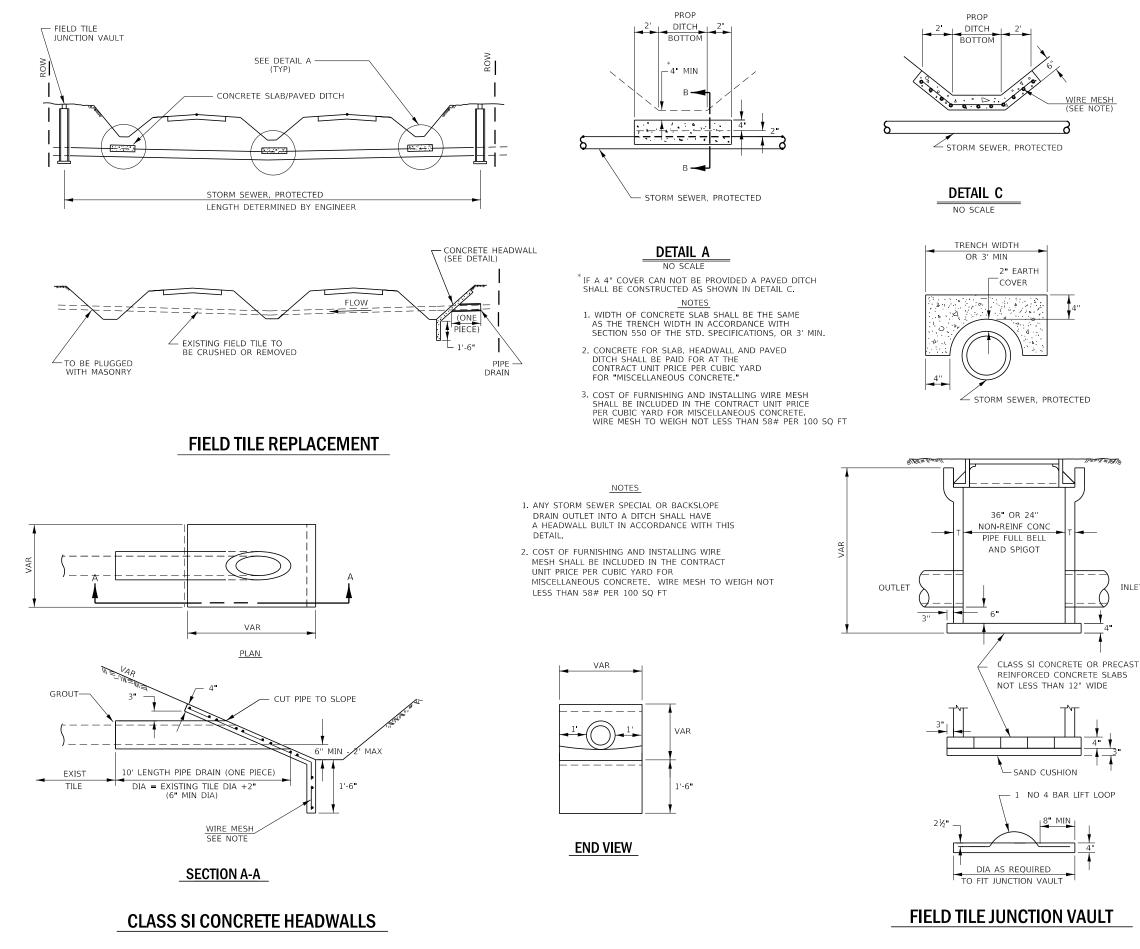


USER NAME = corcoranim	DESIGNED -	REVISED -								F.A.I. BTE	SECTION	COUNTY	TOTAL SHEET SHEETS NO.
	DRAWN -	REVISED -	STATE OF ILLINOIS		CLASS B PATCHING DETAILS				55	(53-5)R&I	LIVINGSTON	722 313	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION				••••••					CONTRAC	T NO. 66B64
PLOT DATE = 4/2/2018	DATE -	REVISED -	S		SHEET	OF	SHEETS STA		TO STA.		ILLINOIS F	D. AID PROJECT	

TRANSVERSE EXPANSION JOINTS



SHEET 2 OF 2



USER NAME = corcoranim DESIGNED -REVISED STATE OF ILLINOIS DRAWN REVISED PLOT SCALE = 100.0000 ' / in. HECKED REVISED **DEPARTMENT OF TRANSPORTATION** SCALE: PLOT DATE = 4/2/2018 DATE REVISED

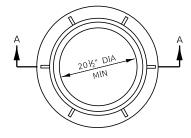
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)TE)	

ALTERNATE MATERIALS FOR WALLS	Т
PRECAST REINFORCED CONCRETE RISERS	4 "
CONCRETE MASONRY UNIT	5"
MONOLITHIC CONCRETE	6"
BUILDING BRICK, GRADE SW FROM CLAY OR SHALE	8"
CONCRETE BUILDING BRICK, GRADE A	8"

NOTES

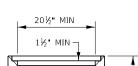
- 1. THE CONTRACT UNIT PRICE FOR FIELD TILE JUNCTION VAULT SHALL INCLUDE THE COST OF FURNISHING AND PLACING THE FRAME AND GRATE OR PRECAST CONCRETE LID AND WHEN REQUIRED, THE SAND CUSHION.
- 2. ALL FIELD TILE JUNCTION VAULTS SHALL BE 2'-0" IN DIAMETER UNLESS OTHERWISE NOTED ON THE PLANS.







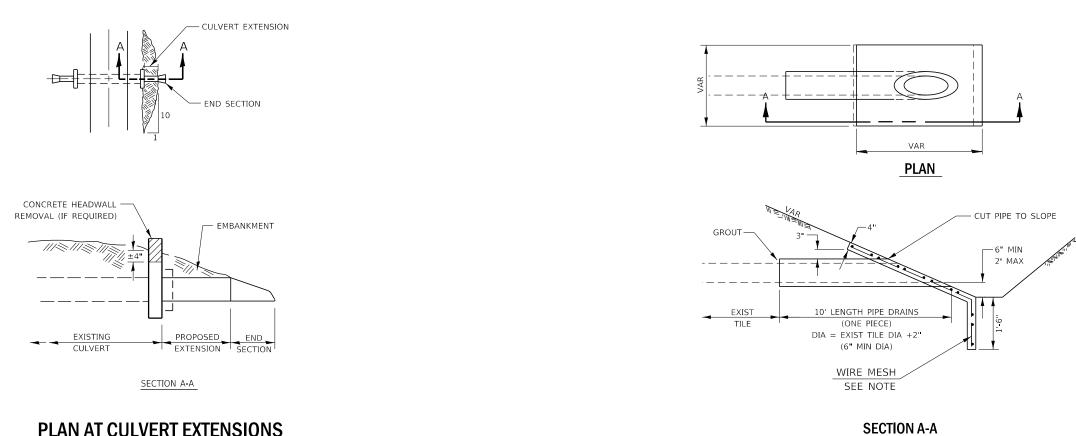




SECTION A-A

		F.A.I. RTE	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.		
			55	(53-5	5)R&I		LIVINGSTON	722	314
							CONTRACT	NO. 66	5B64
TS	STA.	TO STA.			ILLINOIS	FED. AI	D PROJECT		

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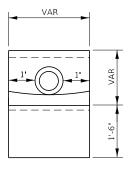


PLAN AT CULVERT EXTENSIONS

USER NAME = corcoranIm	DESIGNED -	REVISED -								F.A.I. BTE	SECTION	COUNTY TOTAL	SHEET
	DRAWN -	REVISED -	STATE OF ILLINOIS							55	(53-5)R&I	LIVINGSTON 722	315
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION							· · · · · · · · · · · · · · · · · · ·		CONTRACT NO. 6	6B64
PLOT DATE = 4/2/2018	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.		ILLINOIS FED. A	ID PROJECT	

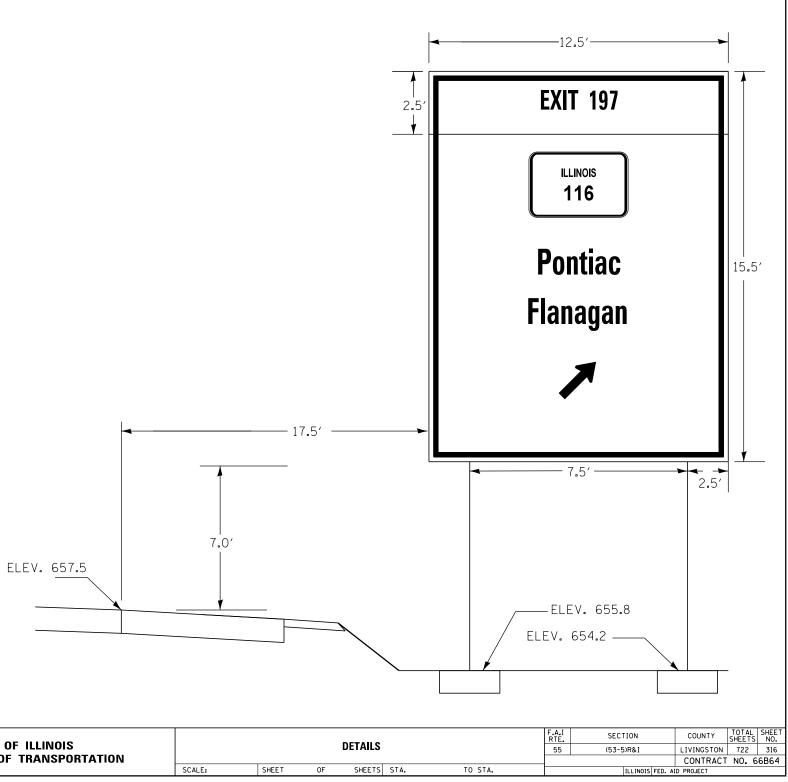
NOTES

- 1. ANY FIELD TILE OUTLET INTO A DITCH SHALL HAVE A HEADWALL BUILT IN ACCORDANCE WITH THIS DETAIL.
- 2. COST OF FURNISHING AND INSTALLING WIRE MESH SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER CUBIC YARD FOR MISCELLANEOUS CONCRETE. WIRE MESH TO WEIGH NOT LESS THAN 58# PER 100 SQ FT

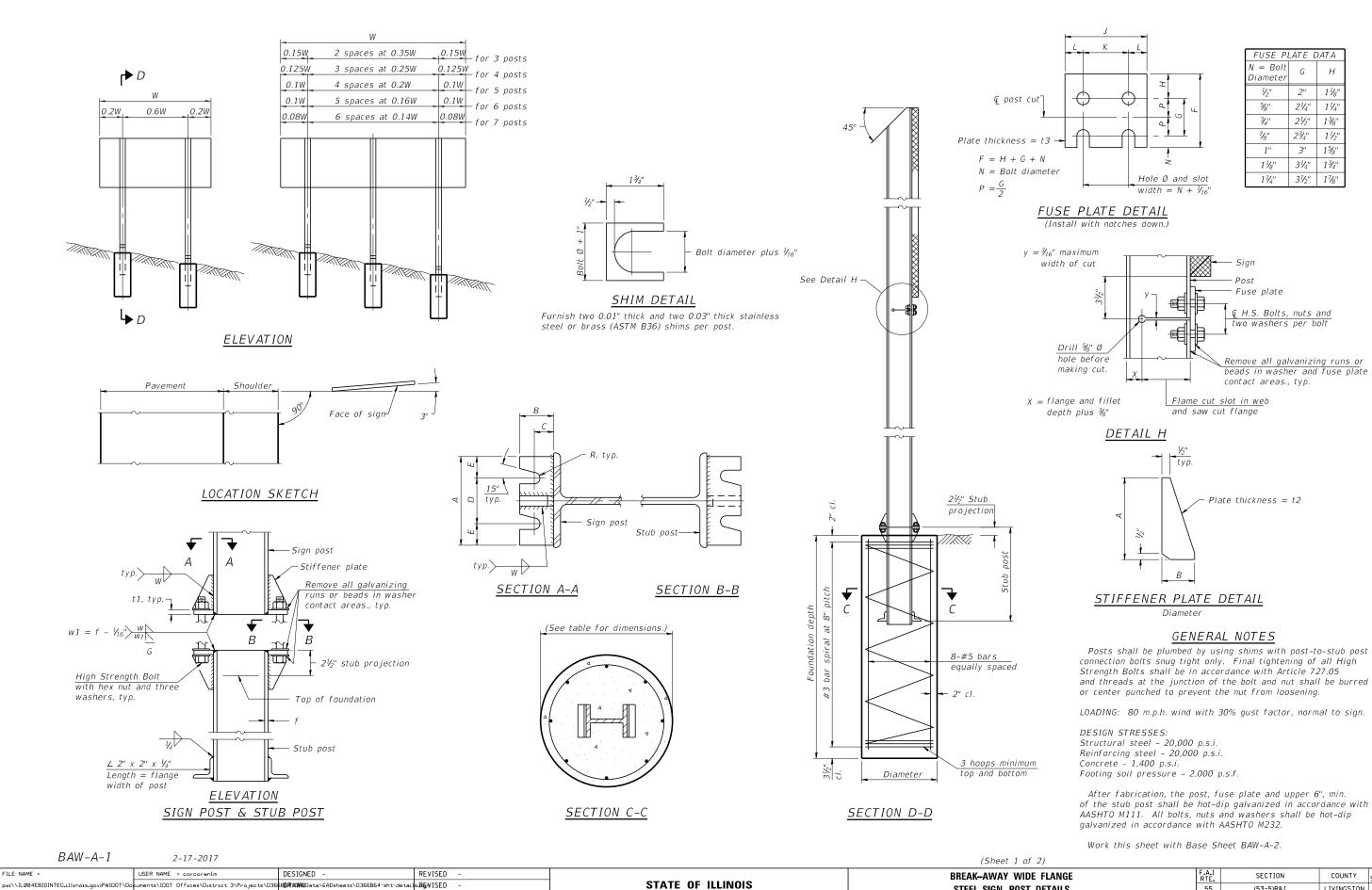


END VIEW

PIPE DRAINS & CONCRETE HEADWALLS



FILE NAME =	USER NAME = corcoranim	DESIGNED -	REVISED -		[
pw:\\IL084EBIDINTEG.1111no15.gov:PWIDOT\Do	cuments\IDOT Offices\District 3\Projects\D36	68 6R%0WN Data\EADsheets\D366B64-sht-detai	s.Ba⊊rvISED –	STATE OF ILLINOIS	1			DETAILS
	PLOT SCALE = 100.0000 '/ in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION	1			
Default	PLOT DATE = 4/2/2018	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS S



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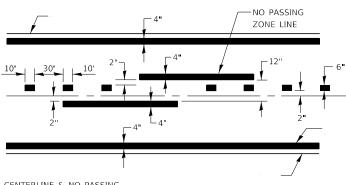
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DEPARTMENT OF TRANSPORTATION
SCALE: SHEET OF SHEET

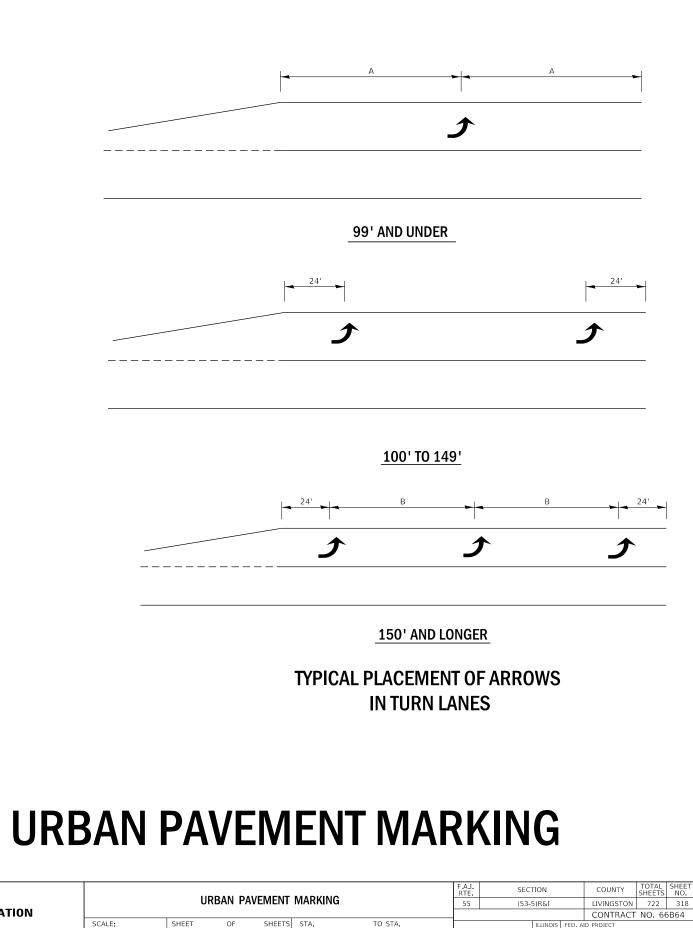
2)									
F	FLANGE DETAILS		F.A.I RTE	F.A.I SECTION		COUNTY SHEL		SHEET NO.	
DE			55	(53-5)R&I	(53-5)R&I			317	
			_			CONTRACT	NO. 6	6B64	
TS	STA.	TO STA.	ILLINOIS FED. AID PROJECT						
	-								

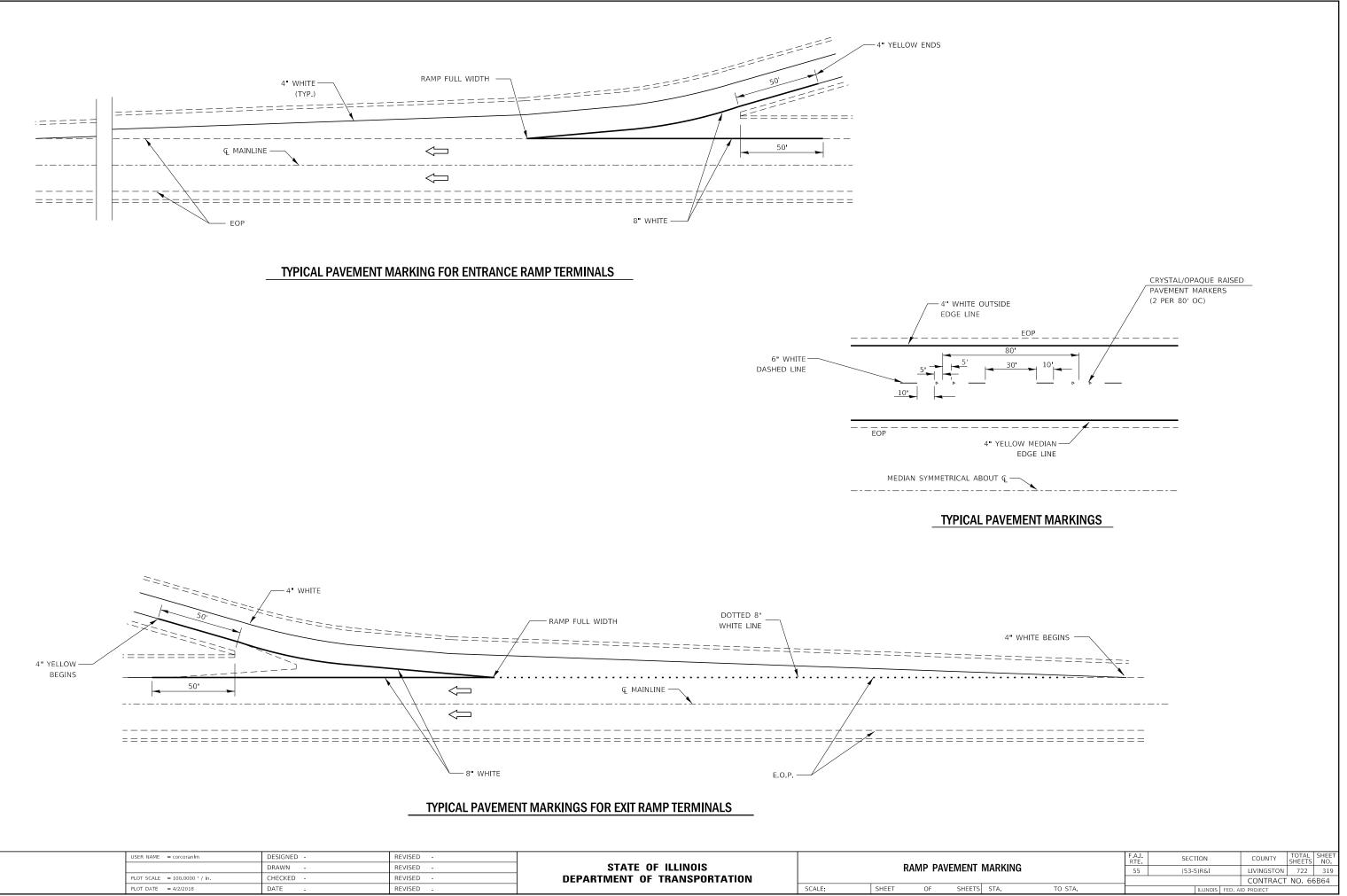


CENTERLINE & NO PASSING ZONE LINES - YELLOW

PAVEMENT MARKING

									_
	USER NAME = corcoranim	DESIGNED -	REVISED -		l				
		DRAWN -	REVISED -	STATE OF ILLINOIS	1	URI	ban pav	EMENT	M
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION	1				
	PLOT DATE = 4/2/2018	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	S



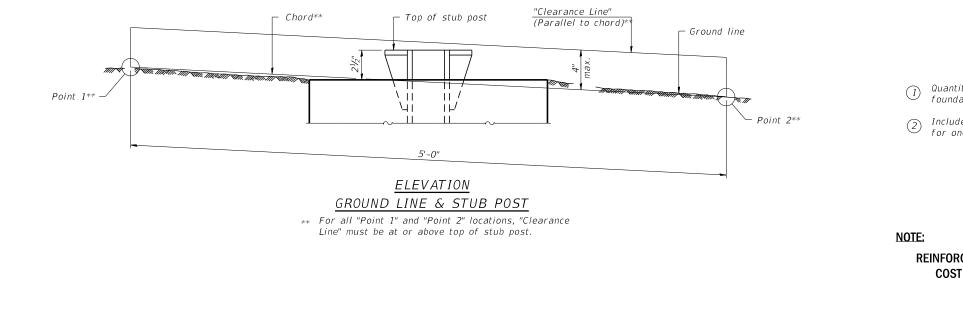


			RIE.					SHEETS	NO.
	MARKING		55	(53-5	LIVINGSTON	722	319		
						CONTRACT	NO. 66	6B64	
TS	STA.	TO STA.			ILLINOIS	FED. A	ID PROJECT		

			CONC	RETE FOUNDA	TION TAB	LE			POST TO STUB POST CONNECTION DATA										FUSE PLATE DATA				
POST		Foundatio	n	Re	einforcem	ent		Stub Post															
	Diameter	* ^{Minimum} Depth	Concrete① cu. yds.)	Vertical Bars Length	Bar S Diameter	Spirals Length	lbs. (2)	Length	Bolt Size	А	В	С	D	E	t 1	t2	R	W	J	К	L	t3	
W6x9	2'-0"	6'-0"	0.70	5'-9"	1'-8½"	79'-0"	78	2'-3"	5%" x 3¼"	6"	2¼″	11/4"	3½"	1 1/4"	3∕4″	1/2"	¹ 1 _{/32} "	1⁄4″	4"	2¼″	7/ ₈ ''	1⁄4″	
W6x15	2'-0"	6'-0"	0.70	5'-9"	1'-8½"	79'-0''	78	2'-6"	5⁄8" x 31⁄4"	6"	2¼"	11/4"	31/2"	1 ¼″	³ ⁄4"	1/2"	¹ 1 _{/32} "	1⁄4″	6"	3½"	1 ¼″	3⁄8"	
W8x18	2'-0"	6'-0"	0.70	5'-9"	1'-8½"	79'-0"	78	2'-6"	³ / ₄ " x 3 ³ / ₄ "	6"	2½"	1¾"	3¼"	1¾"	1"	1/2"	¹³ / ₃₂ "	5⁄16″	5¼"	2¾"	11/4"	<i>³</i> ⁄8″	
W10x22	2'-6"	6'-6"	1.18	6'-3"	2'-2½"	105'-0"	92	3'-0"	³ / ₄ " x 3 ³ / ₄ "	6"	2½"	1¾"	3¼"	1¾"	1"	1/2"	¹³ / ₃₂ "	⁵ /16"	5¾"	2¾"	1½"	1/2"	
W10x26	2'-6"	7'-0"	1.27	6'-9"	2'-2½"	112'-0"	98	3'-0"	7⁄8″ x 4″	7"	2³/4"	11/2"	4"	11/2"	1"	3/4"	¹⁵ / ₃₂ "	3/8"	5¾″	2¾"	1½"	5⁄8″	
W12x26	2'-6"	7'-9"	1.41	7'-6"	2'-2½"	119'-0"	107	3'-0"	7⁄8" x 4"	7"	2³⁄4"	1½"	4"	1½"	1"	3∕4″	¹⁵ / ₃₂ "	3/8"	6½"	3½"	1½"	⁵ ⁄8″	
W14x30	3'-0"	7'-3"	1.90	7'-0"	2'-8½"	145'-0"	113	3'-0"	7⁄8" x 4"	7"	2³/4"	1½"	4"	1½"	1"	3/4"	¹⁵ / ₃₂ "	3/8"	6¾"	3½"	15%"	1/2"	
W14x38	3'-0"	8'-0"	2.09	7'-9"	2'-8½"	153'-0"	122	3'-6"	1" x 4½"	7½"	3"	1¾"	4"	1¾"	1 1⁄4″	3/4"	¹⁷ / ₃₂ "	3/8"	6¾″	3½"	15%"	¹ /2"	
W16x45	3'-0"	8'-6"	2.23	8'-3"	2'-8½"	162'-0"	130	3'-6"	1" x 4½"	7½"	3"	1¾"	4"	1¾"	11/4"	3/4"	¹⁷ / ₃₂ "	3∕8″	7"	3½"	1¾"	1⁄2"	

*Dimensional changes required for varying site conditions shall be approved by the Engineer.

										FUS	SE PLATE	BOLT SIZ. Height	-								
POST	4'-0''	5'-0"	6'-0''	7'-0"	8'-0''	9'-0"	10'-0"	11'-0"	12'-0"	13'-0"	14'-0"	15'-0"	16'-0"	17'-0"	18'-0''	19'-0''	20'-0"	21'-0"	22'-0"	23'-0"	24'-0"
W6x9	¹ / ₂ " x 1 ¹ / ₂ "	¹ / ₂ " x 1 ¹ / ₂ "	¹ / ₂ " x 1 ¹ / ₂ "	¹ / ₂ " x 1 ¹ / ₂ "																	
W6x15	¹ / ₂ " x 1 ³ / ₄ "	½" × 1¾"	¹ / ₂ " x 1 ³ / ₄ "	5⁄8" x 2"	5⁄8" x 2"	³ / ₄ " x 2"	³ / ₄ " x 2"	³ / ₄ " x 2"	³ ⁄ ₄ " x 2"												
W8x18	¹ / ₂ " x 1 ³ / ₄ "	½" × 1¾"	¹ / ₂ " x 1 ³ / ₄ "	¹ / ₂ " x 1 ³ / ₄ "	5⁄8" × 2"	5⁄8" x 2"	³ ⁄ ₄ " x 2"	¾" x 2"	¾" x 2"	¾" x 2"											
W10x22	¹ / ₂ " x 2"	¹⁄₂" x 2"	¹ ⁄₂" x 2"	½″ x 2″	¹ / ₂ " x 2"	5⁄8" x 2"	5⁄8" x 2"	³ ⁄ ₄ " x 2 ¹ ⁄ ₄ "	¾" x 2¼"	³ ⁄ ₄ " x 2 ¹ ⁄ ₄ "	¾" x 2¼"	³ / ₄ " x 2 ¹ / ₄ "	³ / ₄ " x 2 ¹ / ₄ "								
W10x26	¹ / ₂ " x 2"	½″ x 2″	¹⁄₂" x 2"	¹⁄₂" x 2"	¹ / ₂ " x 2"	5/8" x 2 ¹ /4"	5⁄8" x 2¹⁄4"	³ / ₄ " x 2 ¹ / ₂ "	³ ⁄ ₄ " x 2 ¹ ⁄ ₂ "	³ ⁄ ₄ " x 2 ¹ ⁄ ₂ "	³ ⁄ ₄ " x 2 ¹ ⁄ ₂ "	³ / ₄ " x 2 ¹ / ₂ "	³ / ₄ " x 2 ¹ / ₂ "	³ ⁄ ₄ " x 2 ¹ ⁄ ₂ "							
W12x26	¹ / ₂ " x 2"	¹ / ₂ " x 2"	¹ / ₂ " x 2"	½″ x 2″	¹ / ₂ " x 2"	5%" x 2¼"	5⁄8" x 2¹⁄4"	3⁄4" x 2¹⁄2"	³ / ₄ " x 2 ¹ / ₂ "	³ / ₄ " x 2 ¹ / ₂ "	³ ⁄ ₄ " x 2 ¹ ⁄ ₂ "	³ / ₄ " x 2 ¹ / ₂ "	³ / ₄ " x 2 ¹ / ₂ "	³ / ₄ " x 2 ¹ / ₂ "	³ / ₄ " x 2 ¹ / ₂ "						
W14x30	¹ / ₂ " x 2"	¹⁄₂" x 2"	¹⁄₂" x 2"	½″ x 2″	¹ / ₂ " x 2"	5⁄8" x 2"	5⁄8" x 2"	³ ⁄ ₄ " x 2 ¹ ⁄ ₄ "	³ / ₄ " x 2 ¹ / ₄ "	³ ⁄ ₄ " x 2 ¹ ⁄ ₄ "	³ / ₄ " x 2 ¹ / ₄ "	¾" x 2¼"	³ / ₄ " x 2 ¹ / ₄ "	¾" x 2¼"	³ / ₄ " x 2 ¹ / ₄ "	³ / ₄ " x 2 ¹ / ₄ "	³ / ₄ " x 2 ¹ / ₄ "				
W14x38	¹ / ₂ " x 2"	½″ x 2″	¹ ∕₂" x 2"	¹⁄₂" x 2"	¹ / ₂ " x 2"	5⁄8" x 21⁄4"	5⁄8" x 2¹⁄4"	³ ⁄ ₄ " x 2 ¹ ⁄ ₂ "	¾" x 2½"	³ / ₄ " x 2 ¹ / ₂ "	³ / ₄ " x 2 ¹ / ₂ "	⁷ /8" x 2 ¹ /2"	7/8" x 21/2"	1" x 2¾"	1" x 2¾"	1" x 2¾"	1" x 2¾"	1" x 2¾"	1" x 2¾"	1" x 2¾"	1" x 2¾"
W16x45		½" x 2"	¹ / ₂ " x 2"	½″ x 2″	¹ / ₂ " x 2"	¹ / ₂ " x 2"	¹ / ₂ " x 2"	5⁄8" x 2¹⁄4"	5⁄8″ x 2¹⁄₄″	5⁄8″ x 2¹⁄4″	³ / ₄ " x 2 ¹ / ₂ "	³ / ₄ " x 2 ¹ / ₂ "	7/8" x 2 ¹ /2"	⁷ ⁄⁄ ₈ " x 2¹∕₂"	⁷ / ₈ " x 2 ¹ / ₂ "	1" x 2¾"	1" x 2¾"	1" x 2¾"	1" x 2¾"	1" x 2¾"	1" x 2¾"

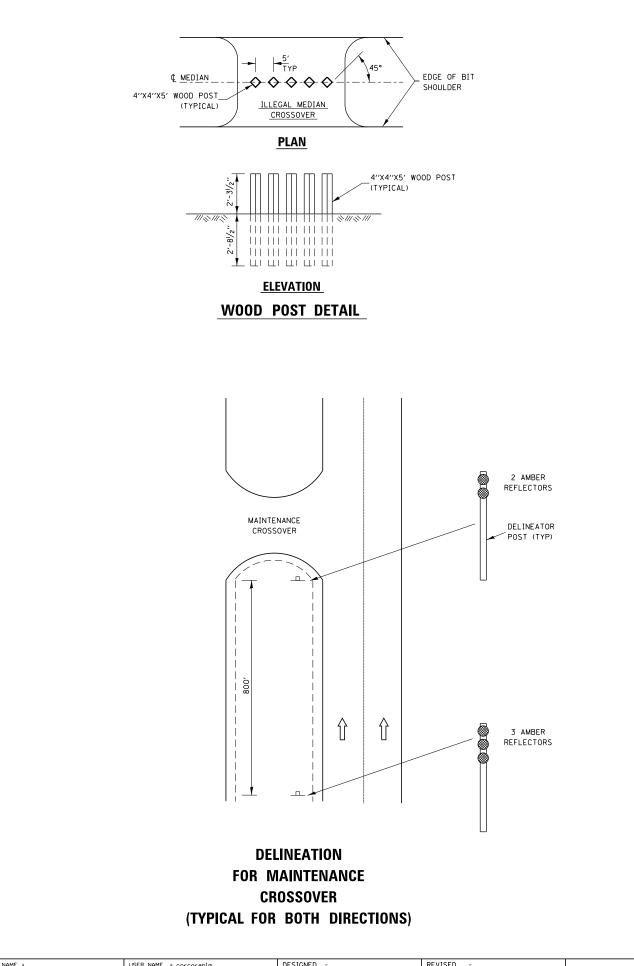


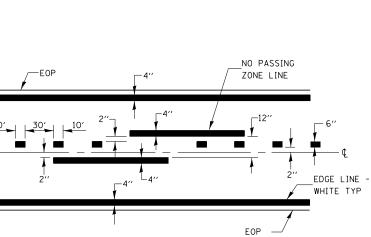
BAW-A-2	2-17-2017						(5	Sheet 2 of	2)				
FILE NAME =	USER NAME = corcoranlm	DESIGNED -	REVISED -				BREAK-A	way wid	E FLANGE		F.A.I RTF	SECTION	COUNTY TOTAL SHEET
pw://IL084EBIDINTEG.111no1s.gov:PWIDOT/D	locuments\IDOT_Offices\District_3\Projects\	D36 6BBRXXXWN Data\EADsheets\D366B64-sht-deta	STATE OF ILLINOIS				SIGN POST			55	(53-5)R&I	LIVINGSTON 722 320	
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION			OTLLE		TABLEO				CONTRACT NO. 66B64
Default	PLOT DATE = 4/2/2018 DATE - REVISED -		REVISED -					SHEETS	STA.	TO STA.		ILLINOIS FE	D. AID PROJECT

Quantity includes all concrete necessary for one foundation.

Includes reinforcement bars and spiral hooping for one foundation.

REINFORCEMENT BARS INCLUDED IN THE COST OF CONCRETE FOUNDATION



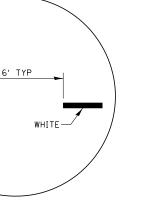


CENTERLINE & NO PASSING ZONE LINES - YELLOW

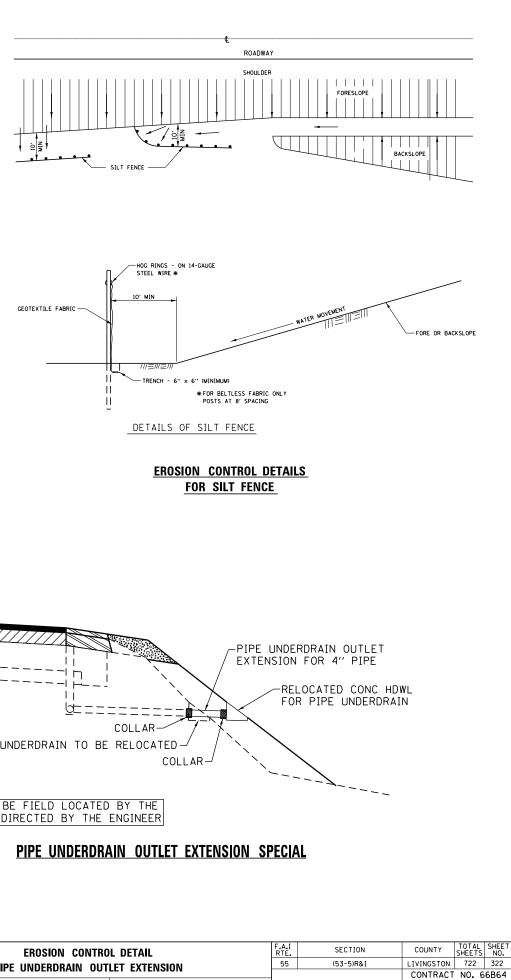
PAVEMENT MARKING

ΤYΡ

FILE NAME =	USER NAME = corcoranlm	DESIGNED -	REVISED -			MAINTENANCE CROSSOVER DELINEATION	F.A.I	SECTION	COUNTY TOTAL SHEET
pw://IL084EBIDINTEG.111no1s.gov:PWIDOT/Do		BORWOWData\CADsheets\D366B64-sht-detai	-	STATE OF ILLINOIS		PAVEMENT MARKING DETAILS	55	(53-5)R&I	LIVINGSTON 722 321
	PLOT SCALE = 100.0000 ' / in. PLOT DATE = 4/2/2018	CHECKED - DATE -	REVISED - REVISED -	DEPARTMENT OF TRANSPORTATION	SCALE:	SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST.	CONTRACT NO. 66B64	

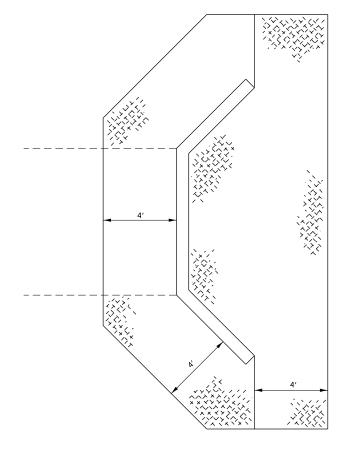


INTERSTATE RAMP TRANSTION LINE

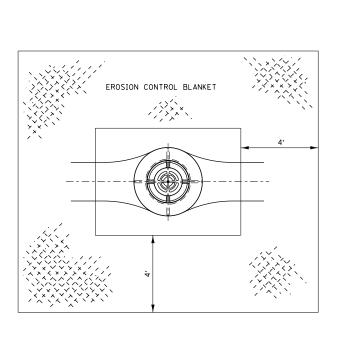


TO STA.

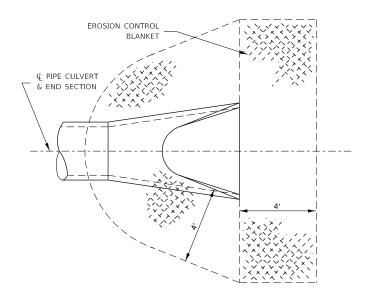
ILLINOIS FED. AID PROJECT







EROSION CONTROL BLANKET AT INLET BOXES

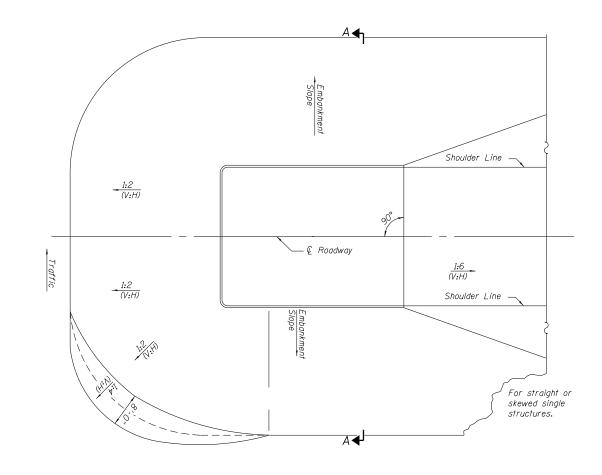


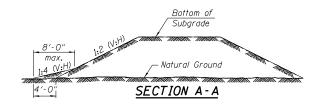
DETAIL OF EROSION CONTROL BLANKET LINING AROUND END SECTION

FILE NAME =	USER NAME = corcoranlm	DESIGNED -	REVISED -	-			FG	INNI20	CONTROL	DETAIL
pw://ILØ84EBIDINTEG.1111no15.gov:PWIDOT/0	locuments\IDOT Offices\District 3\Projects\D3	6688R%XXMNData\&ADsheets\D366B64-sht-deta	ls-Ba⊊nVISED –	-	STATE OF ILLINOIS					
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	-	DEPARTMENT OF TRANSPORTATION	PIPE UN	PE UNDERDRAIN OUTLET EX			
Default	PLOT DATE = 4/2/2018	DATE -	REVISED -	-		SCALE:	SHEET	OF	SHEETS	STA.

CONC HDWL FOR PIPE UNDERDRAIN TO BE RELOCATED

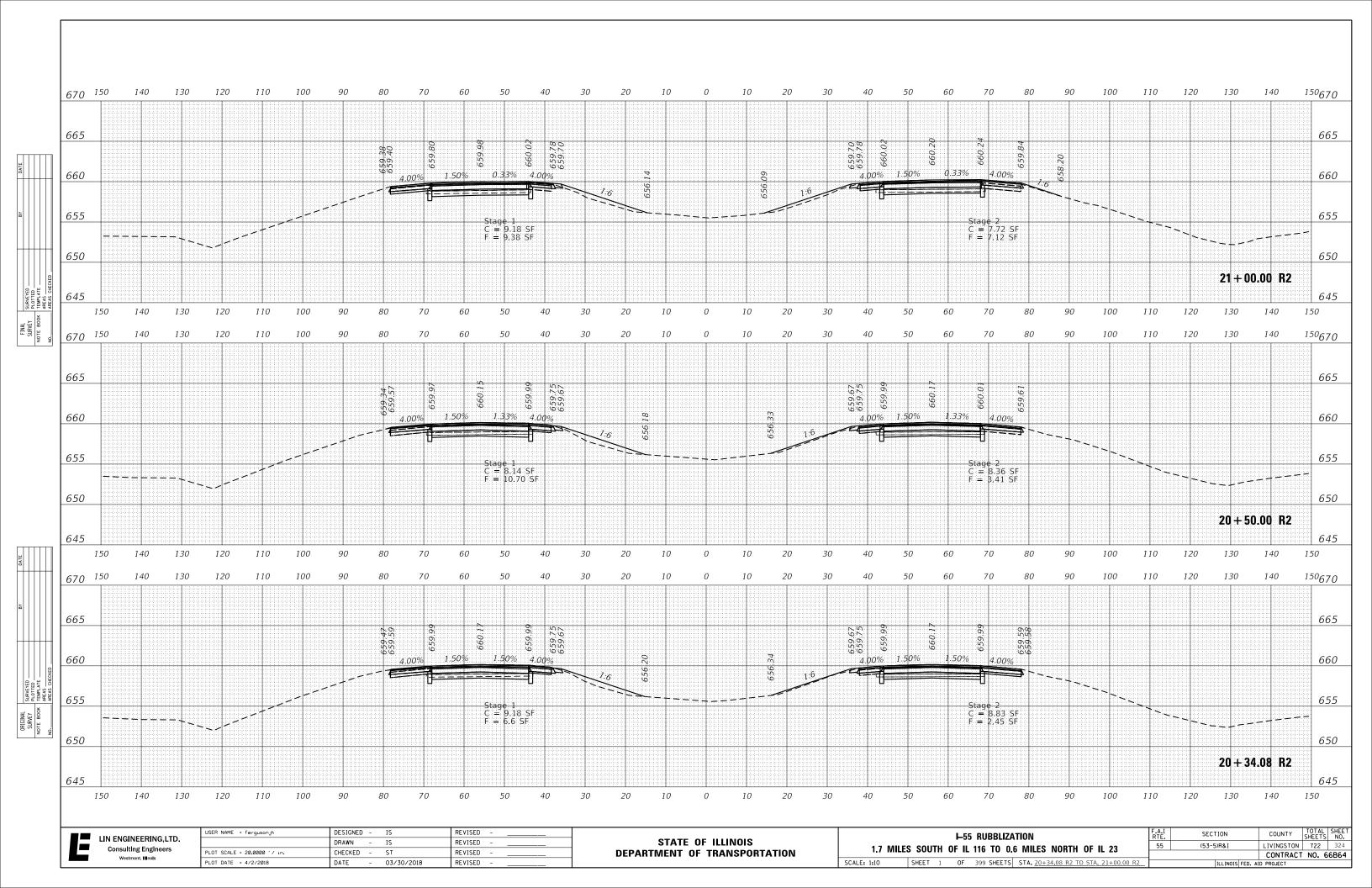
PIPE UNDERDRAIN TO BE FIELD LOCATED BY THE CONTRACTOR AND AS DIRECTED BY THE ENGINEER

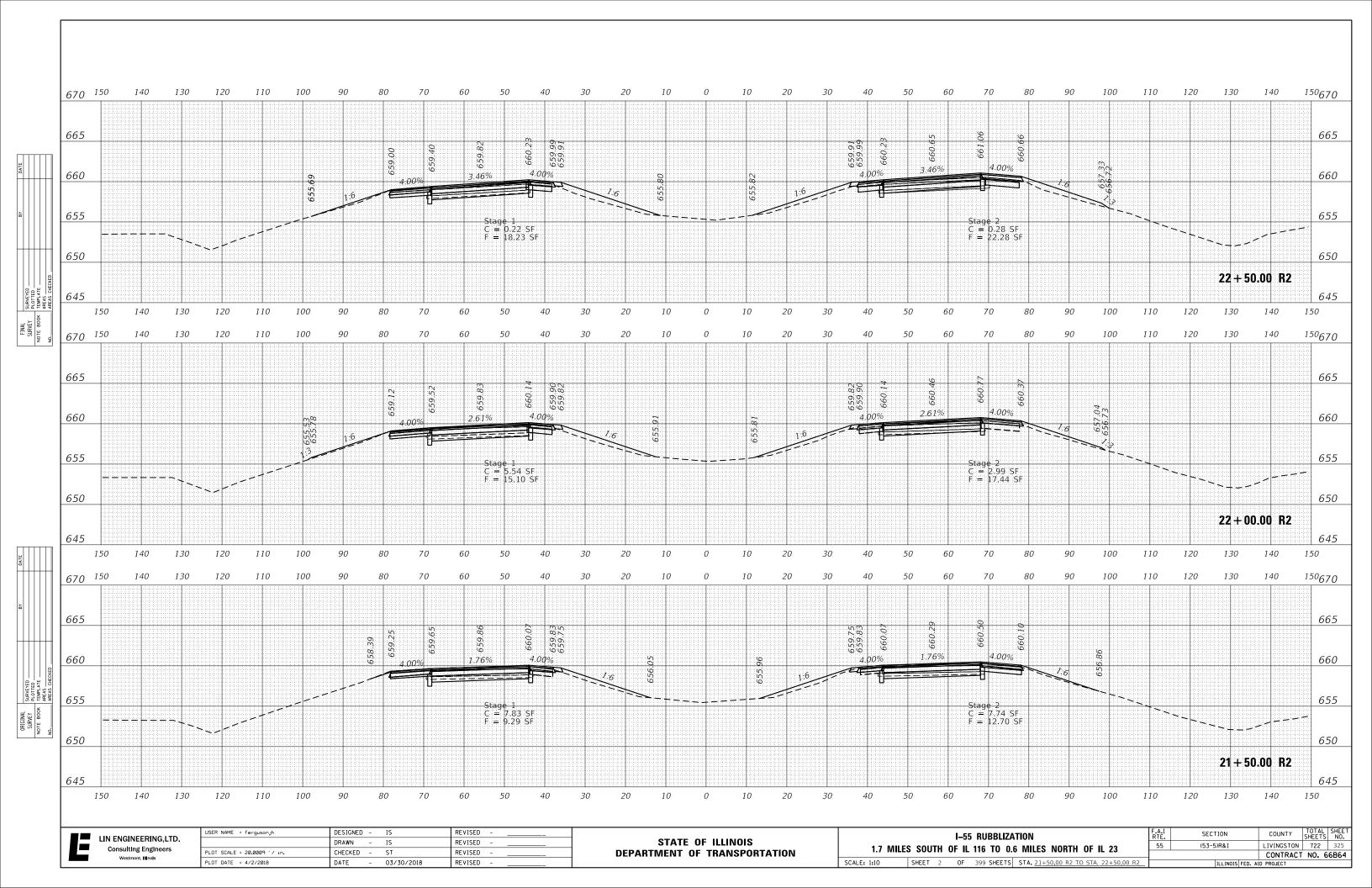


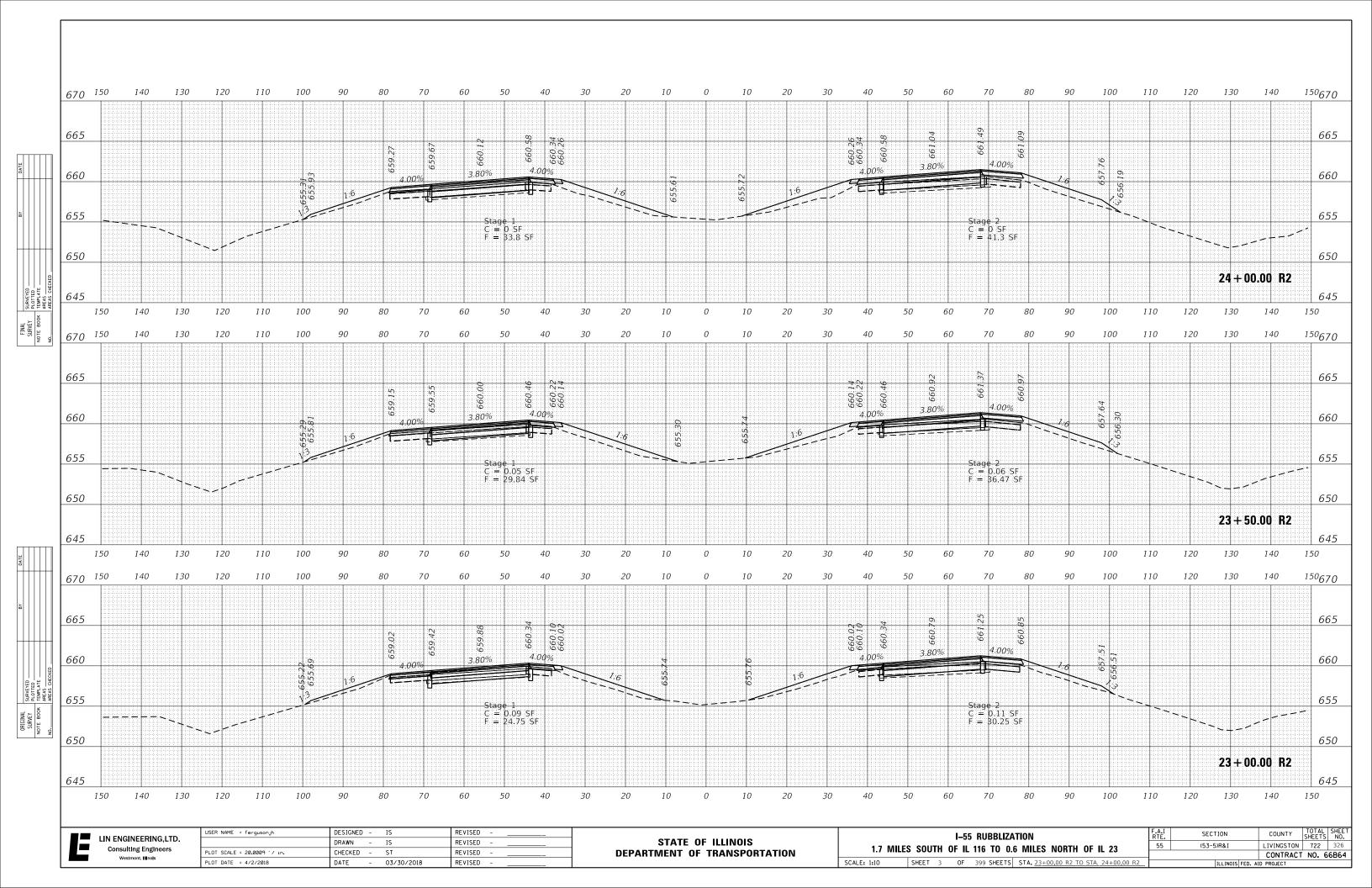


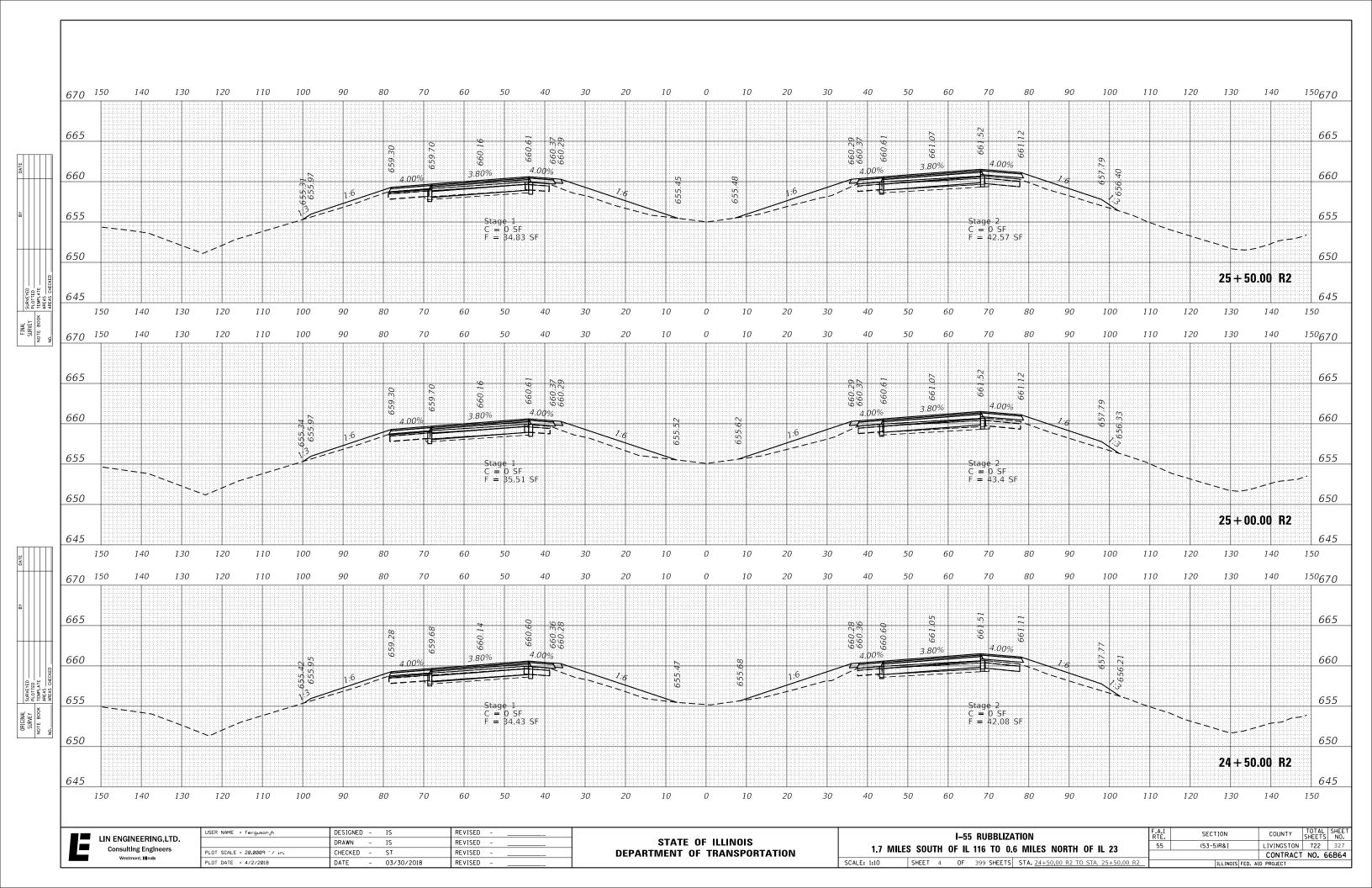
EMBANKMENT CONES

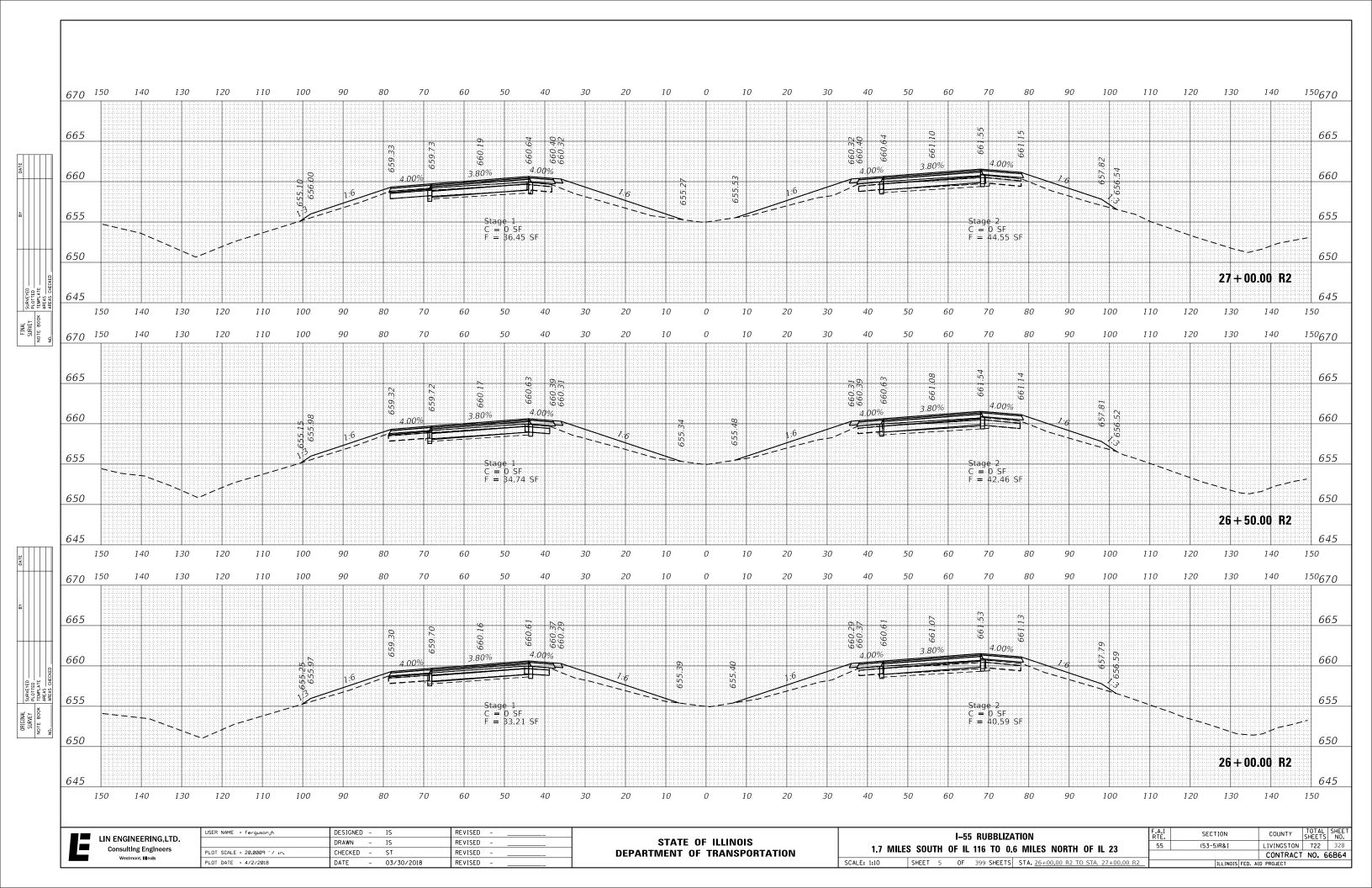
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	PLOT SCALE = 100.0000 '/ in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION									CONTRACT NO. 66B64
Default	PLOT DATE = 4/2/2018	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.		D. AID PROJECT	

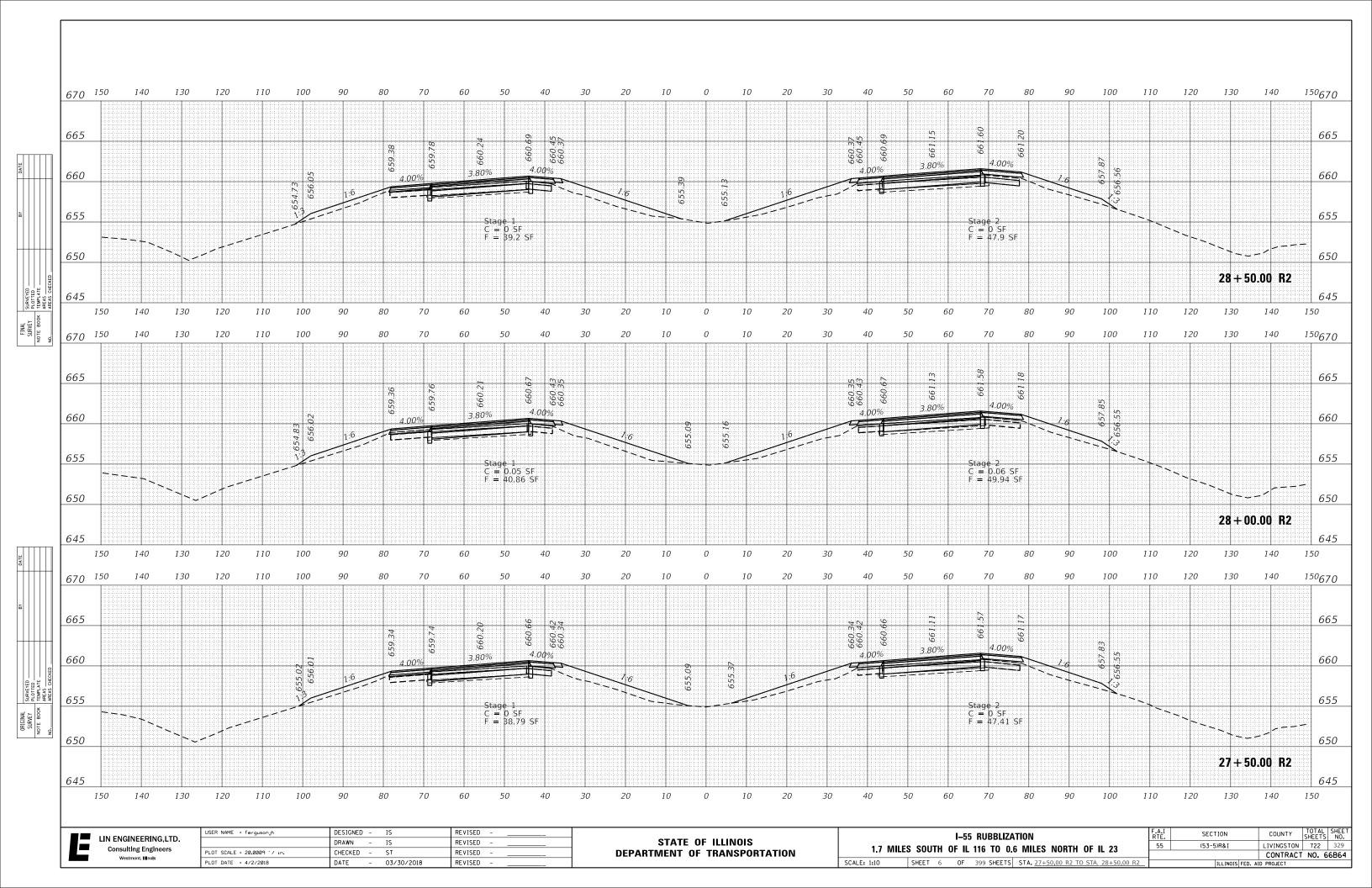


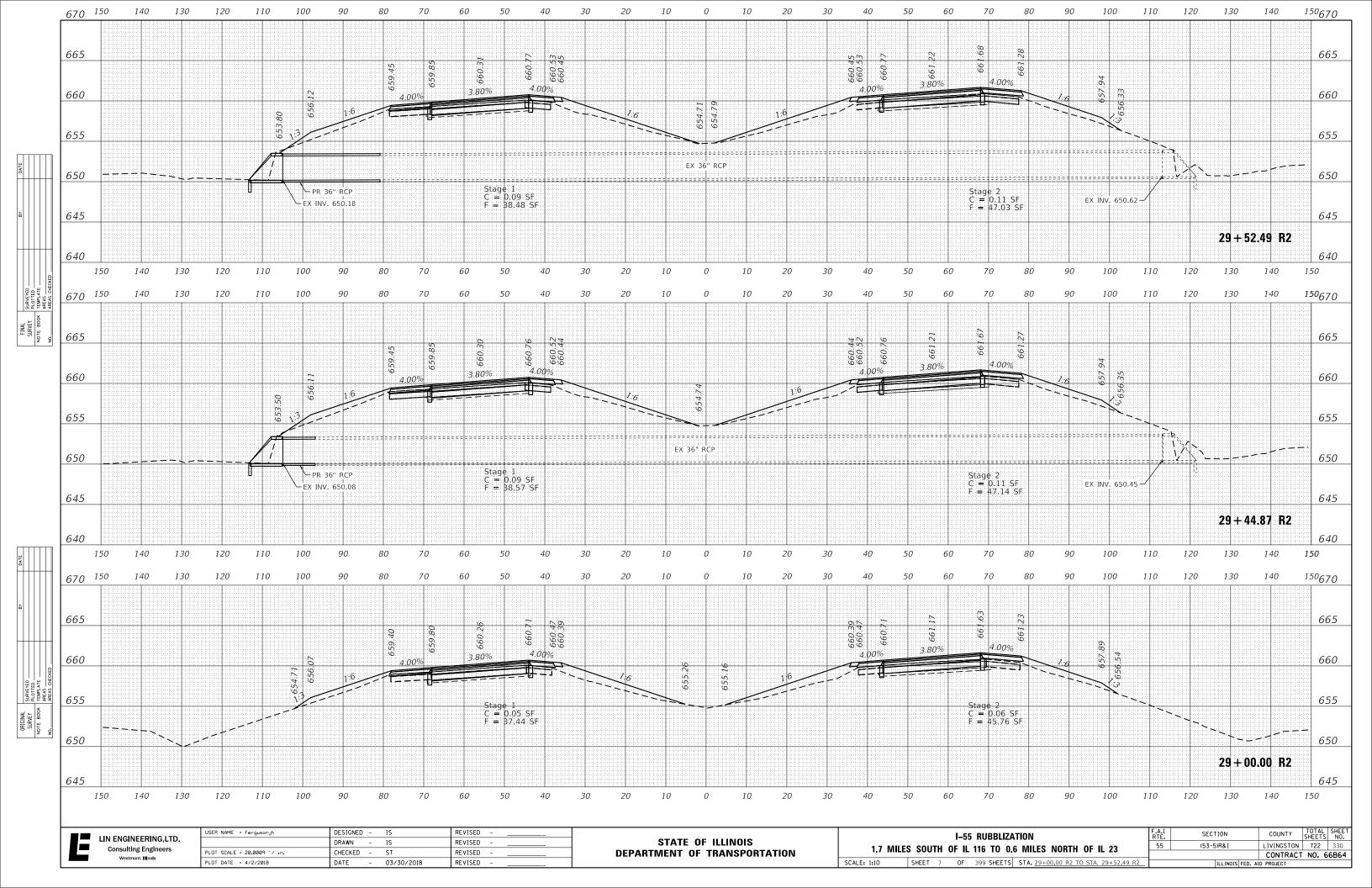


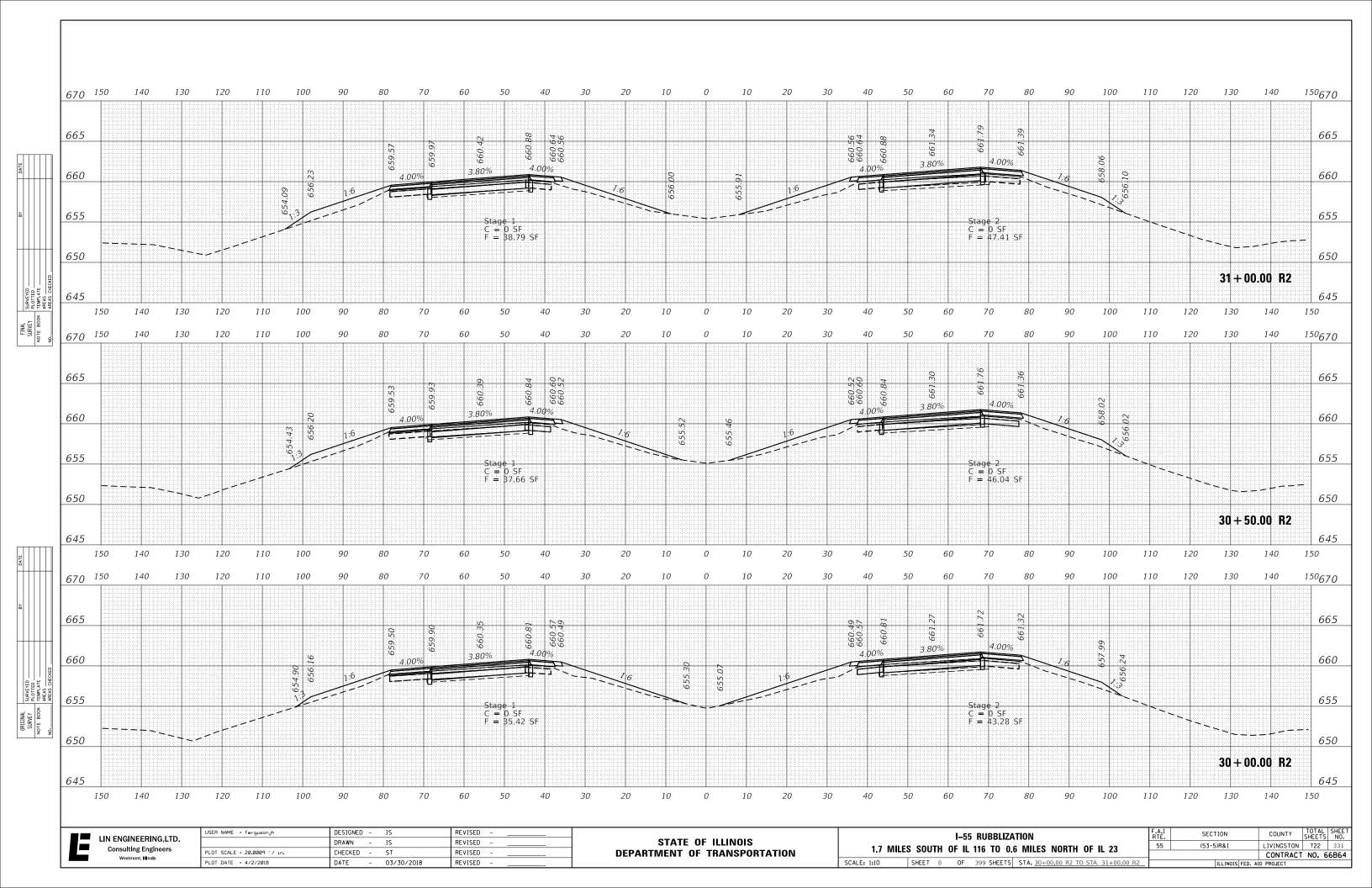


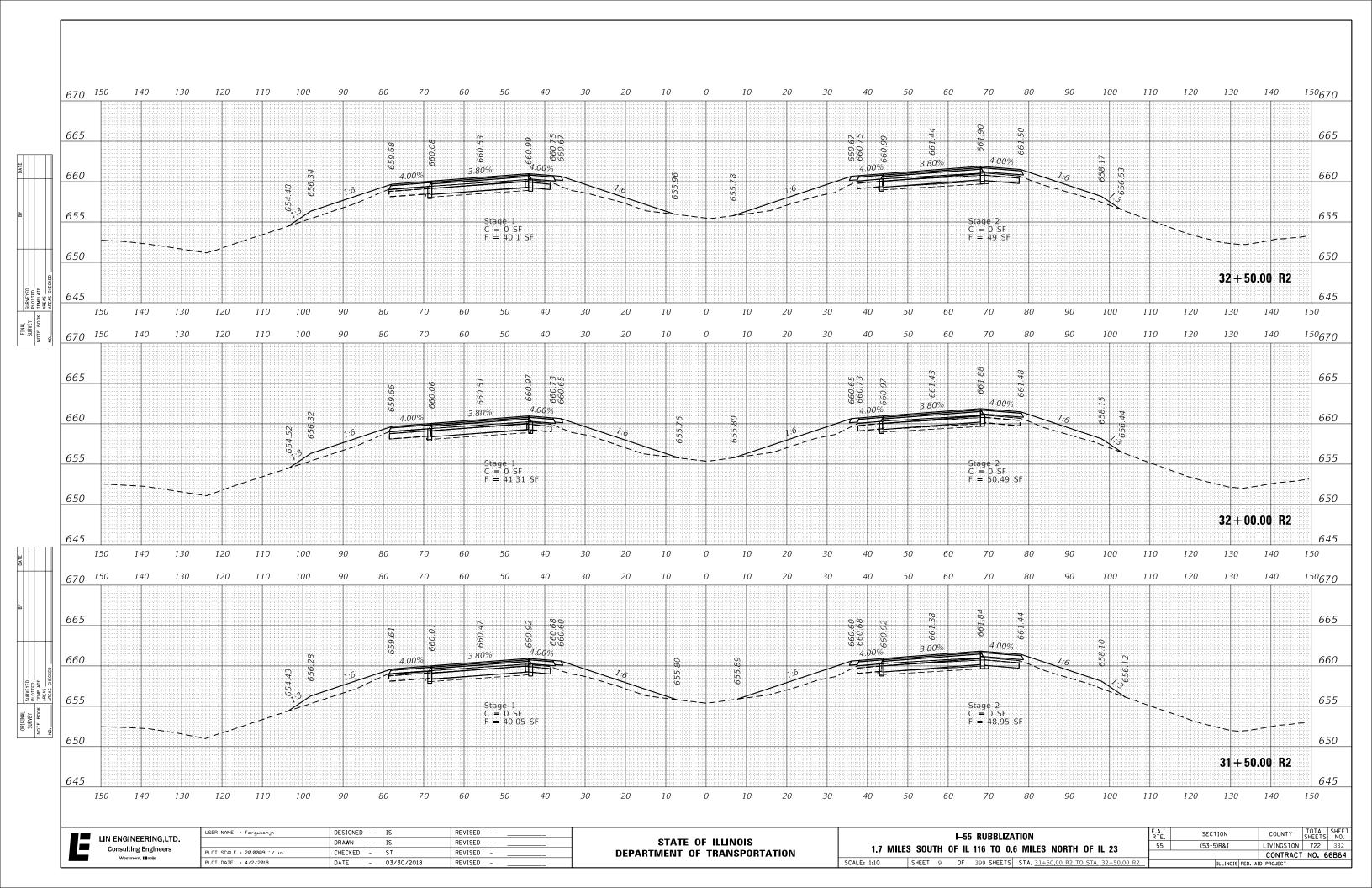


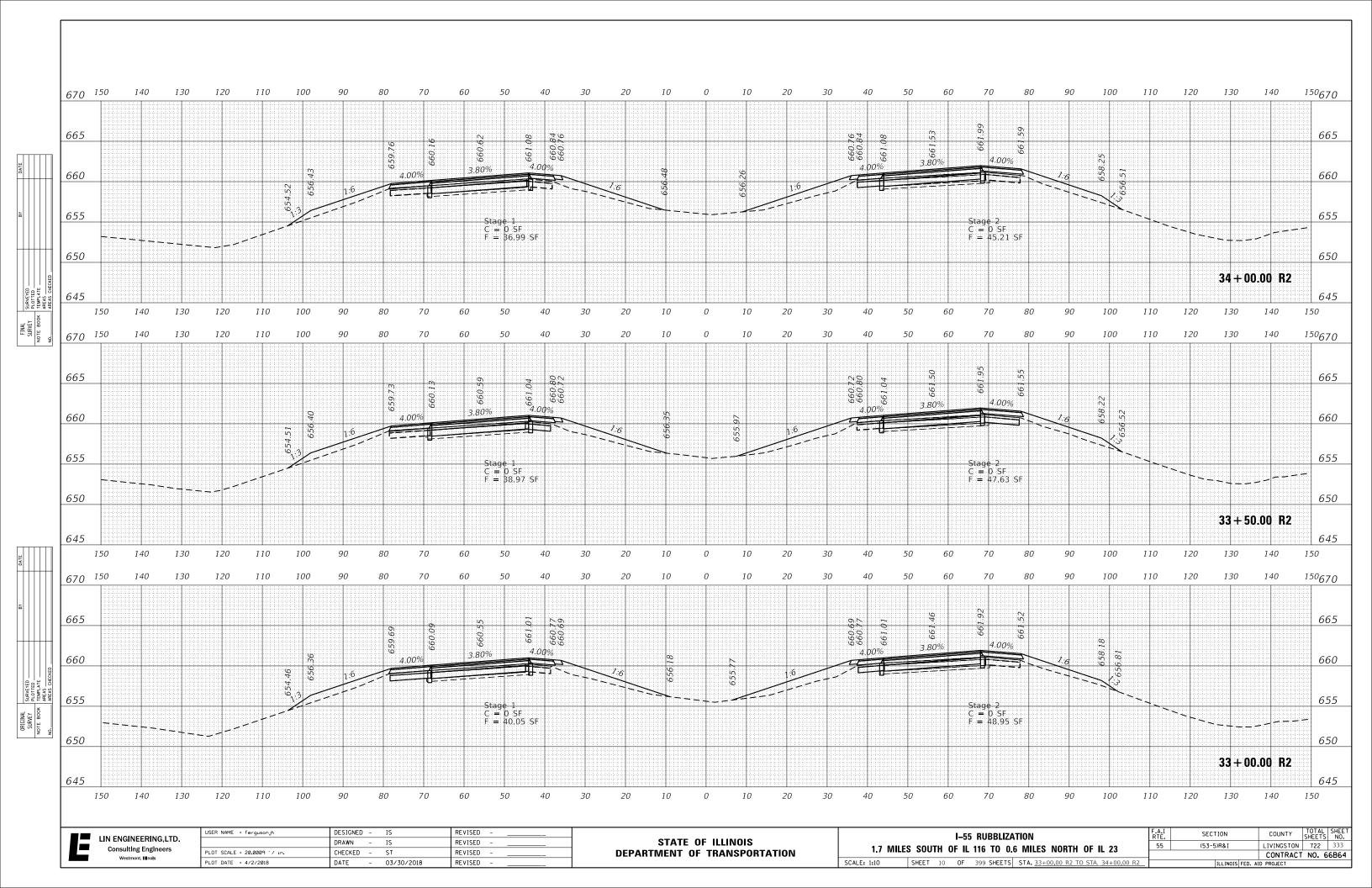


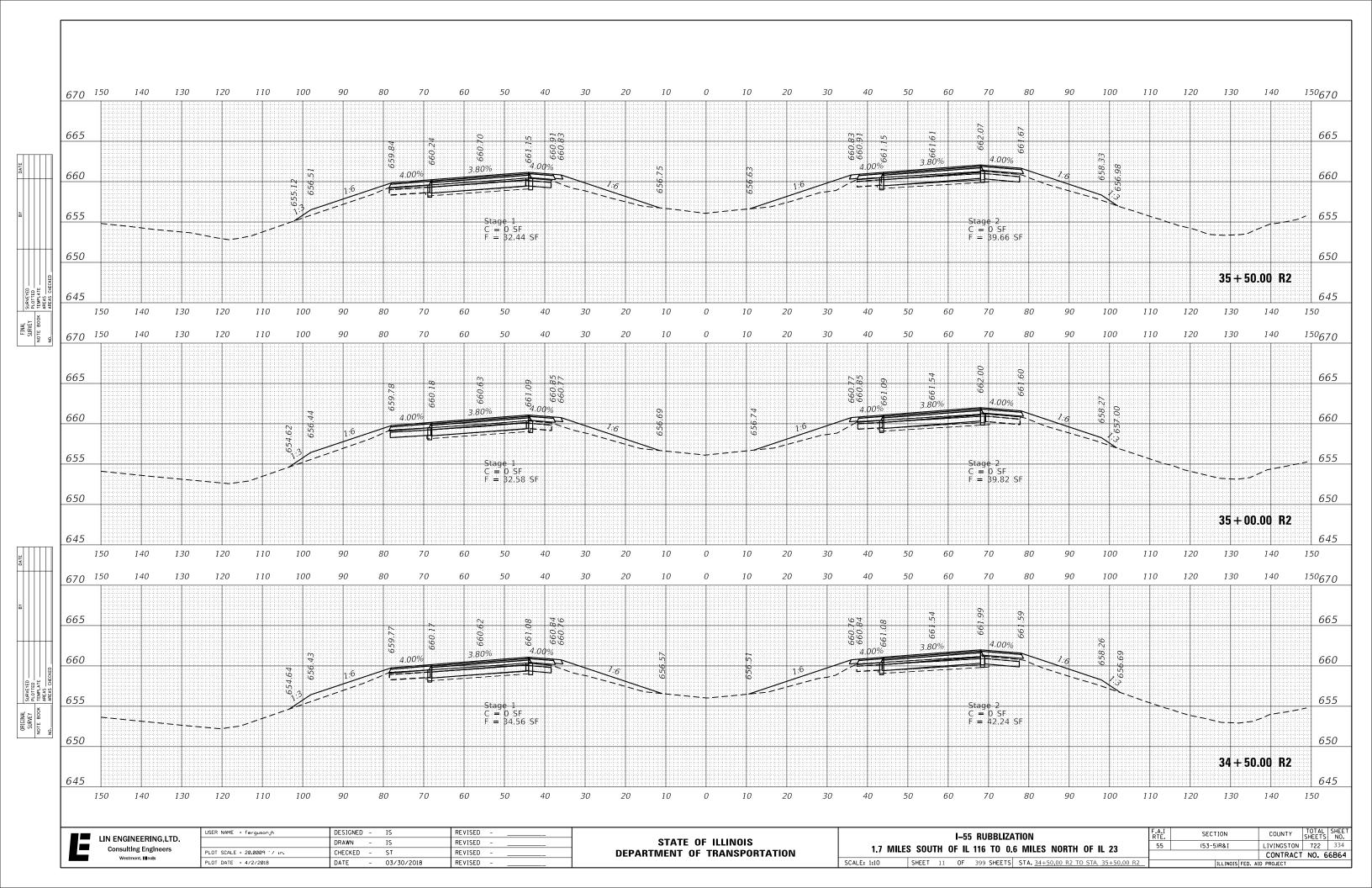


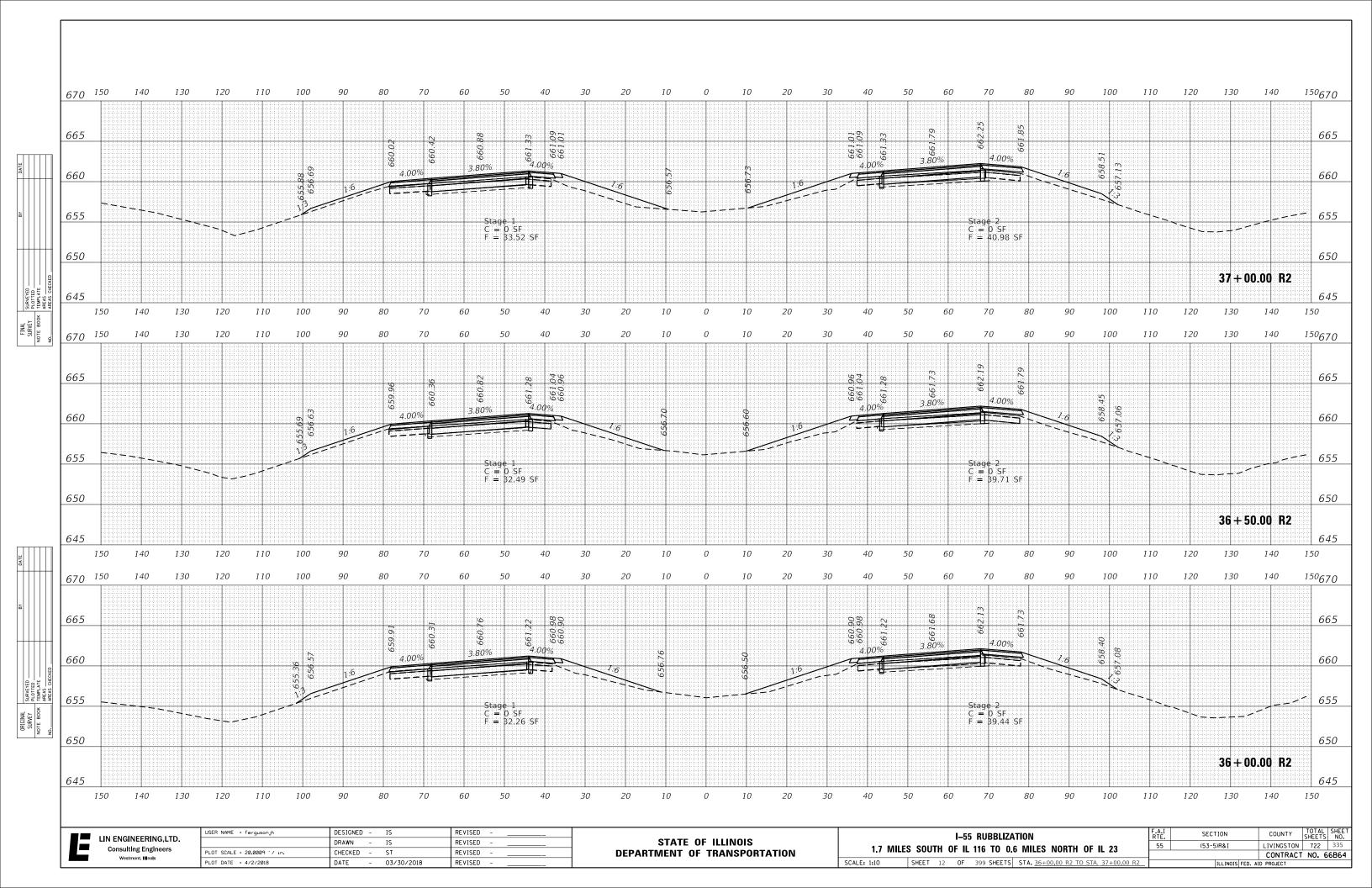


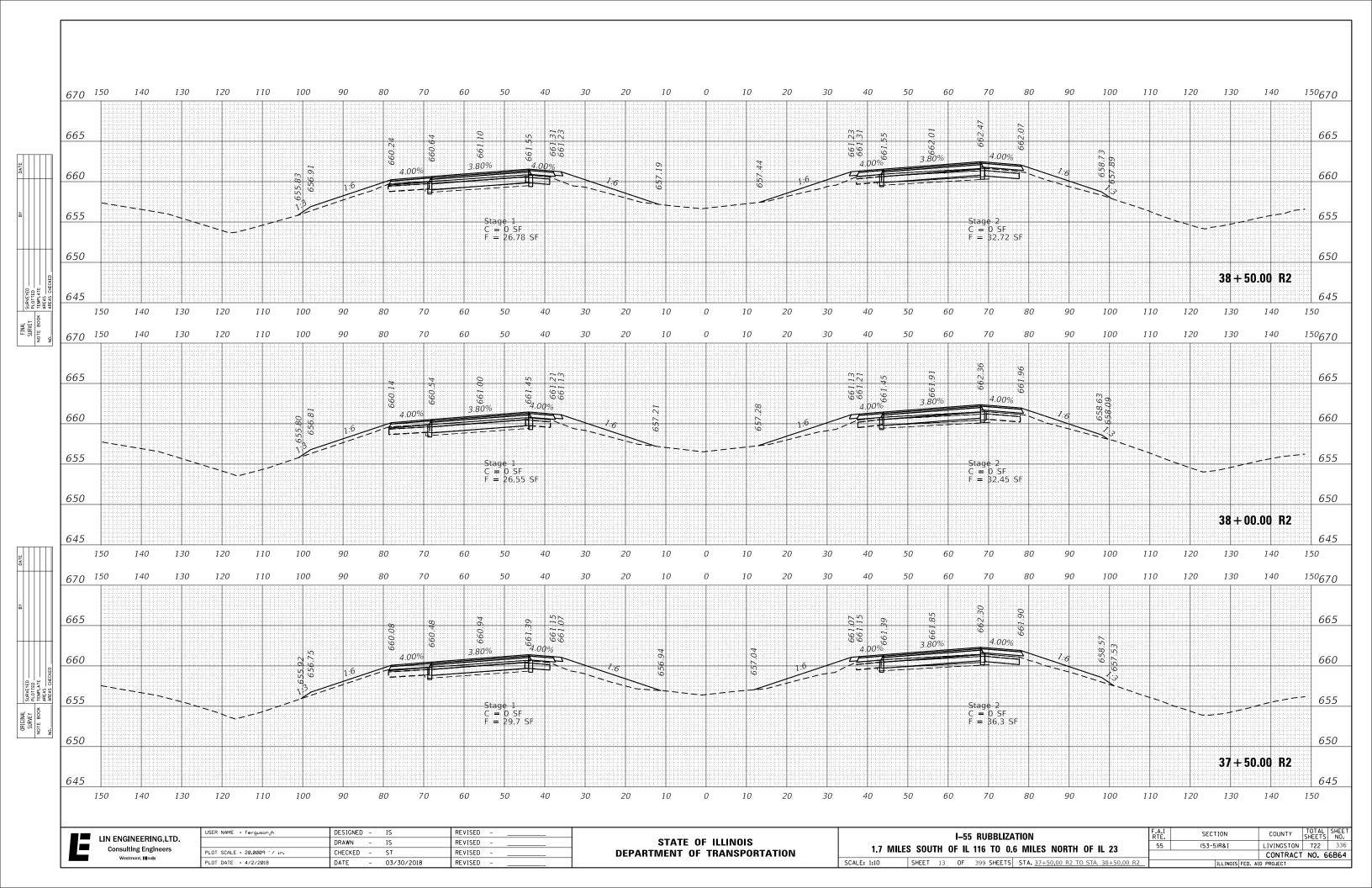


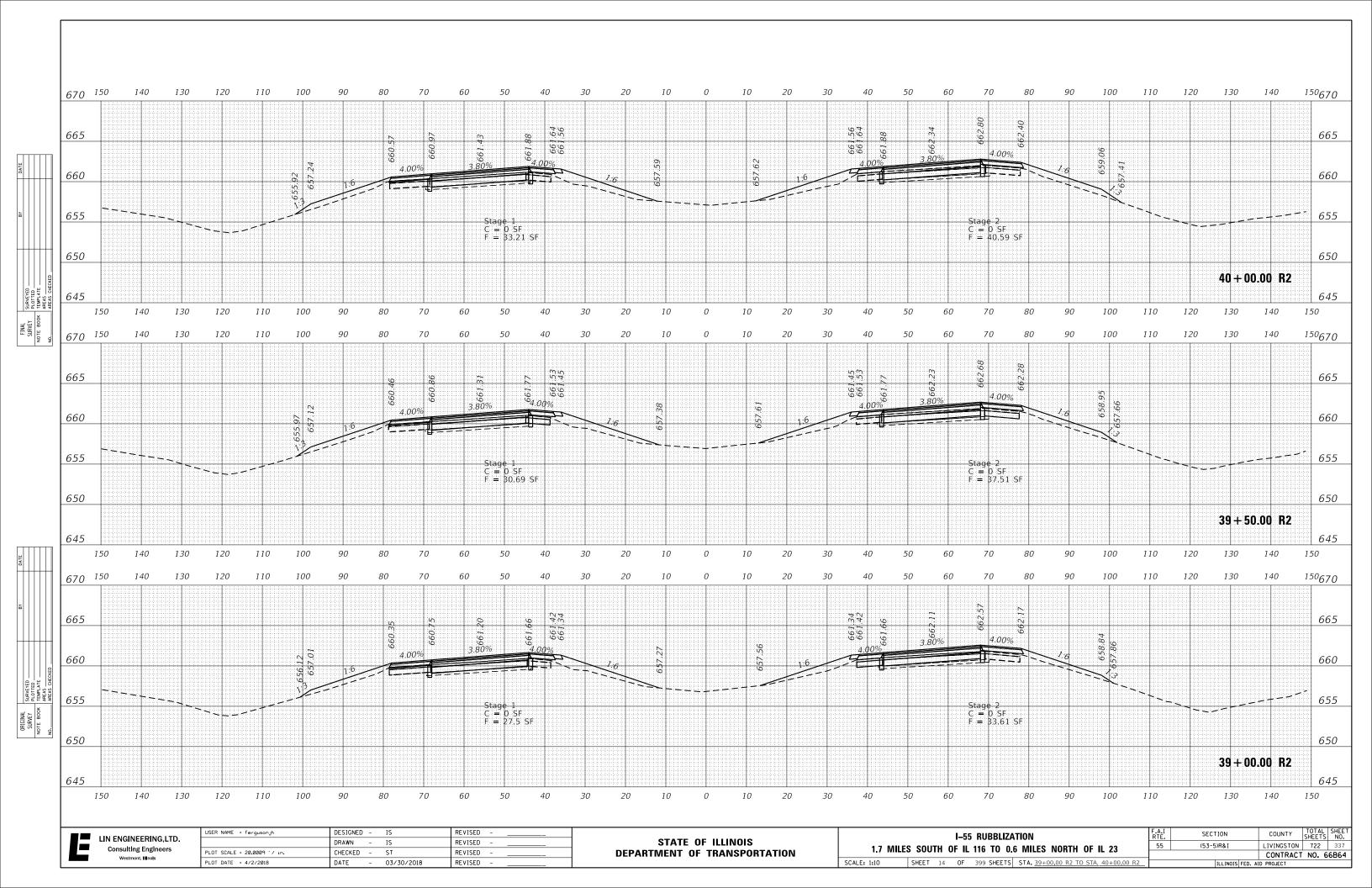


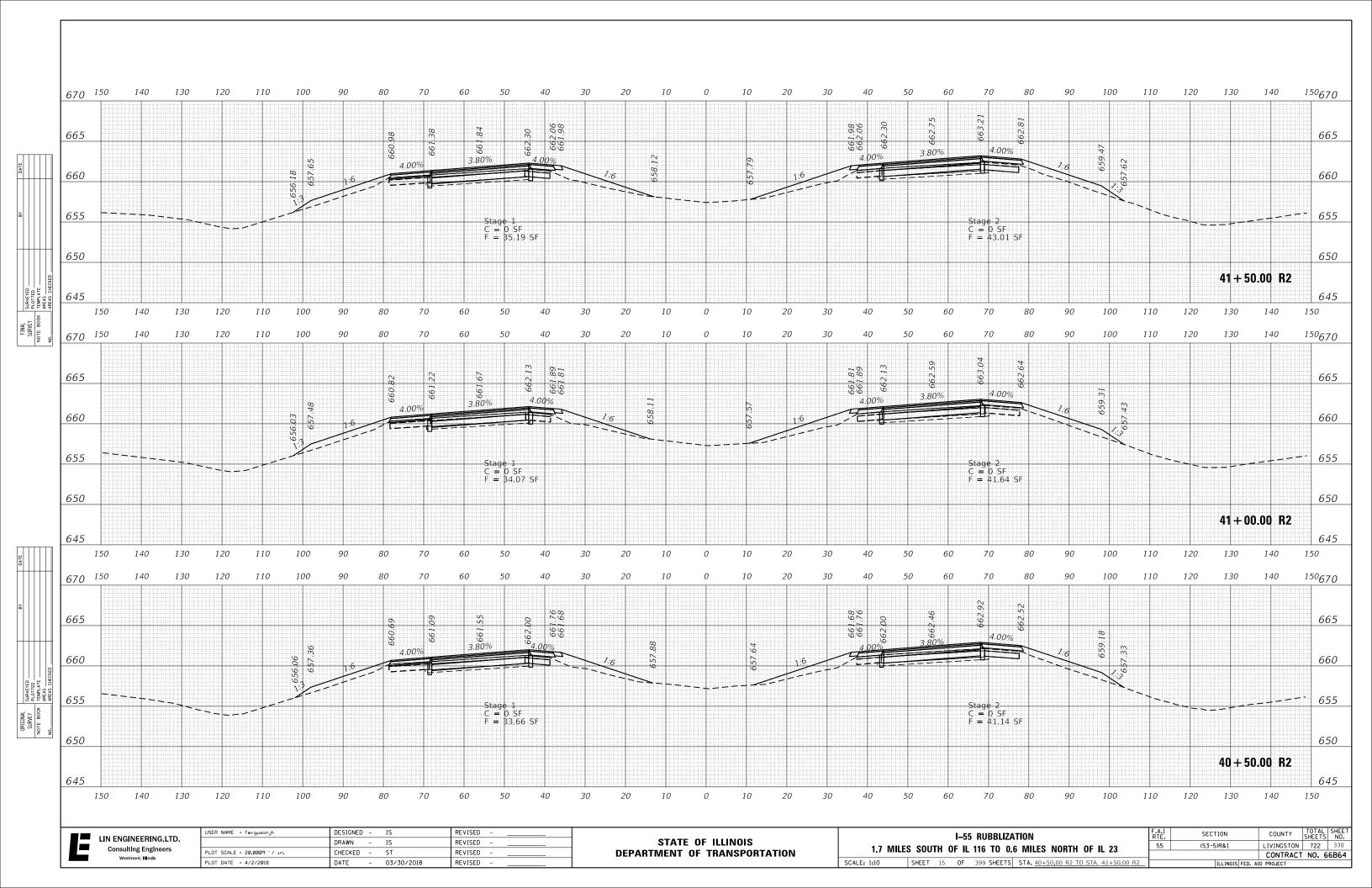


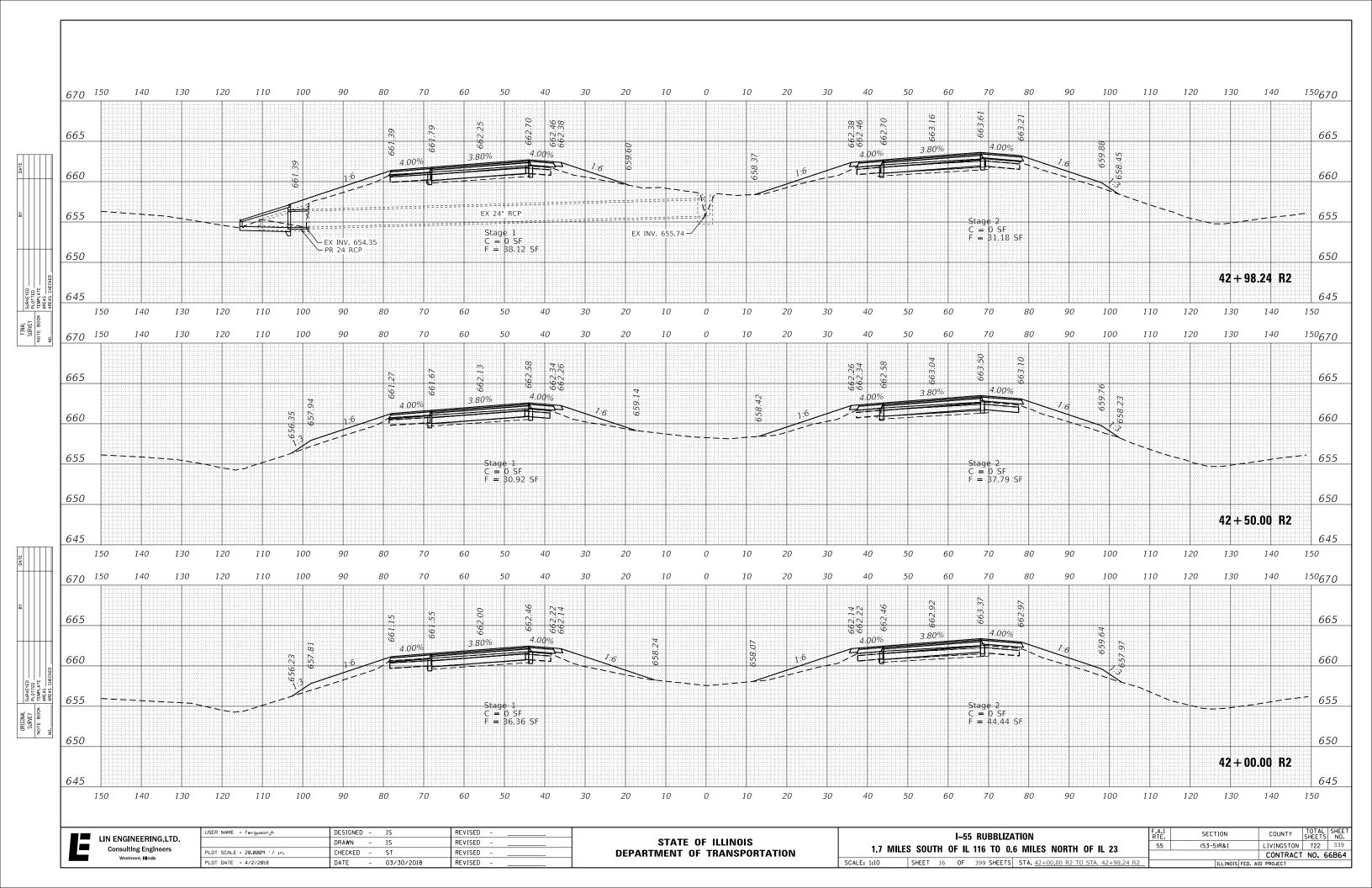


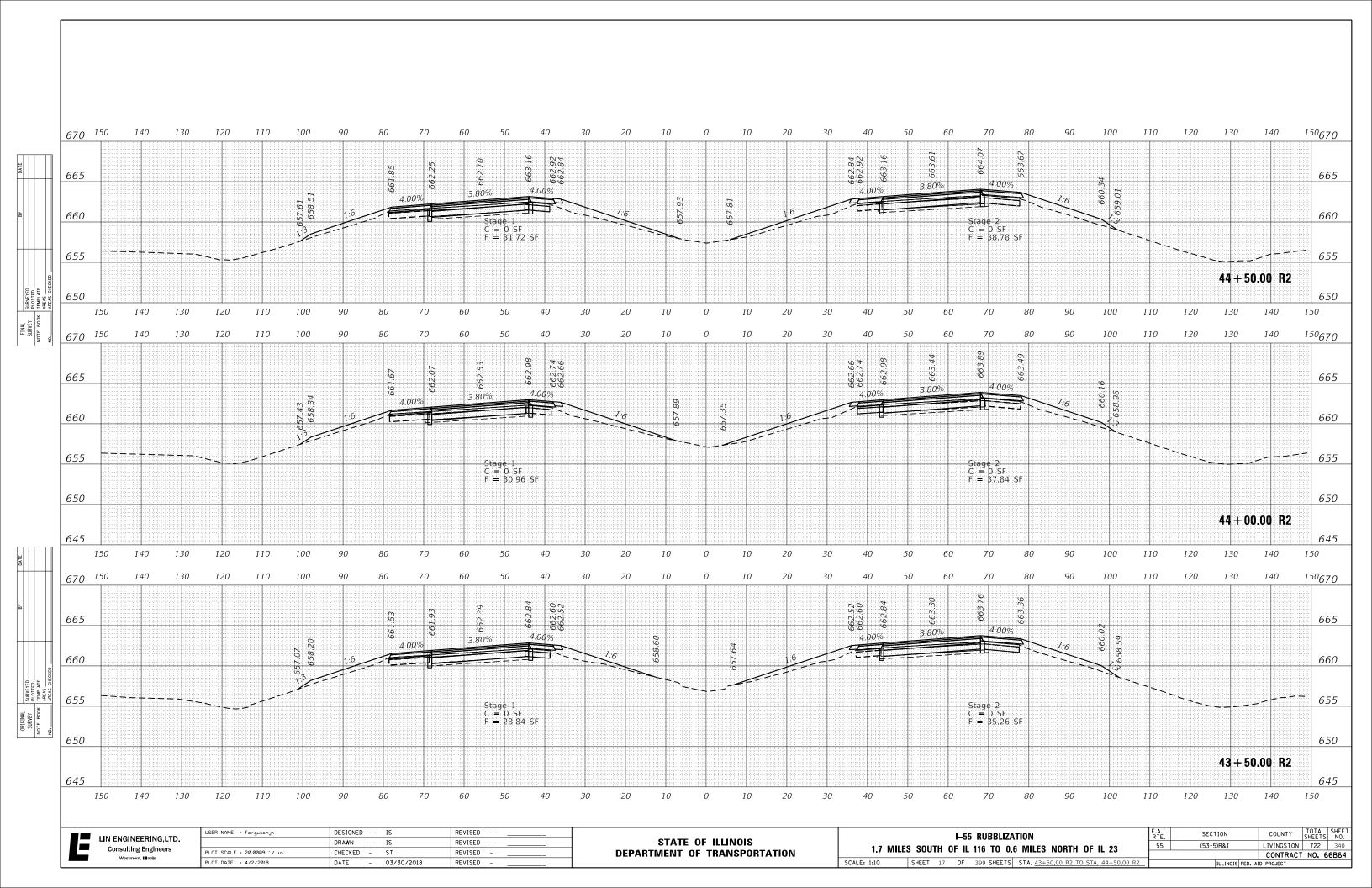


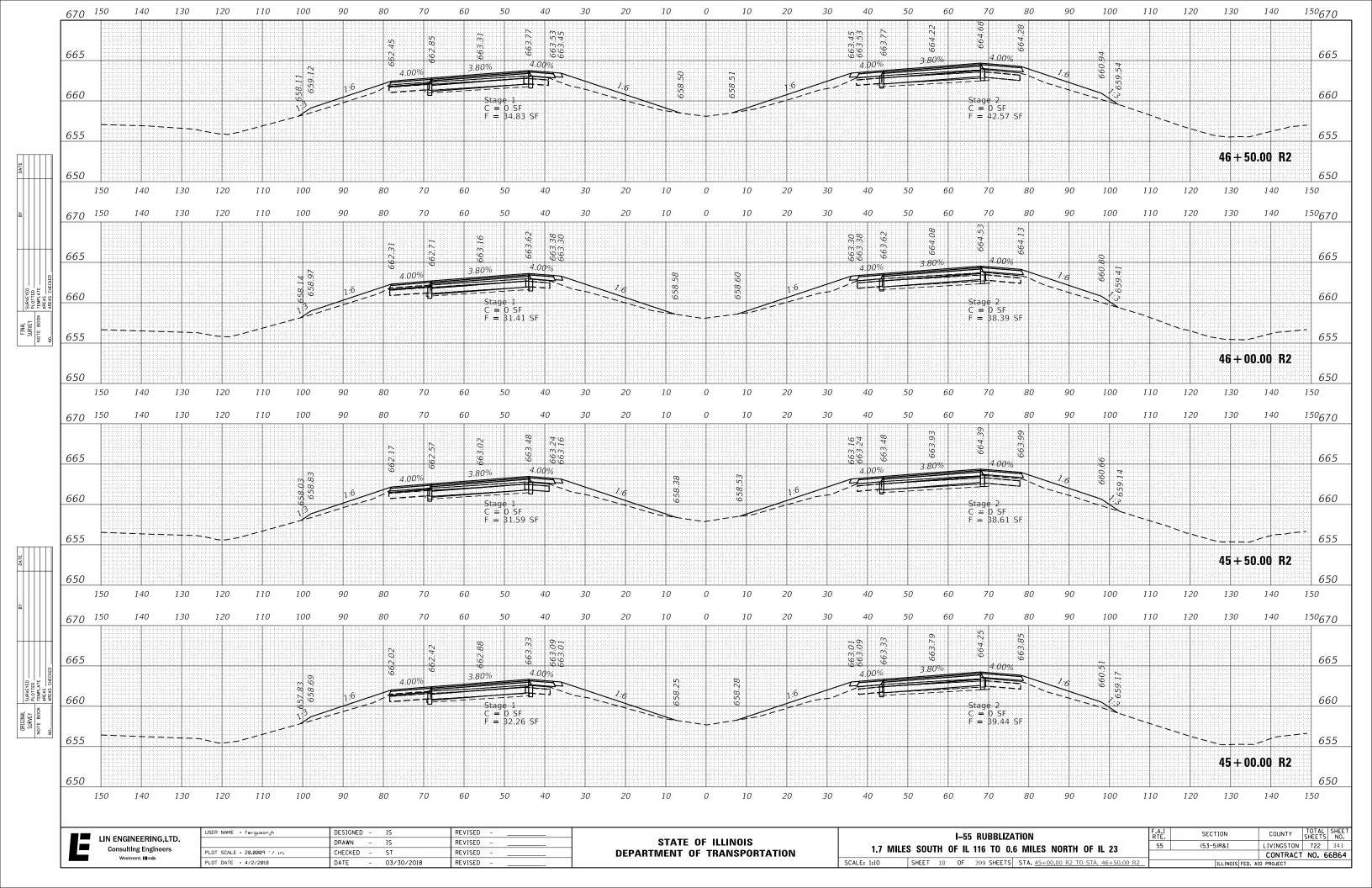




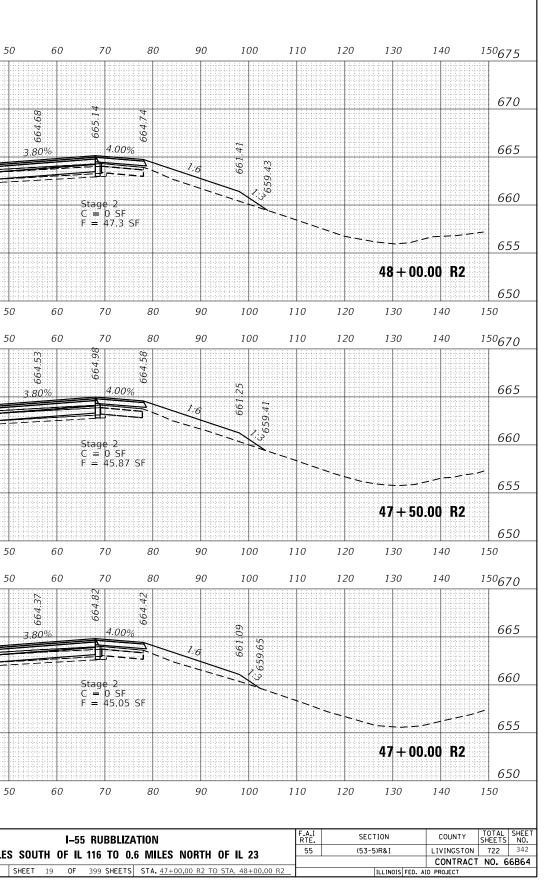


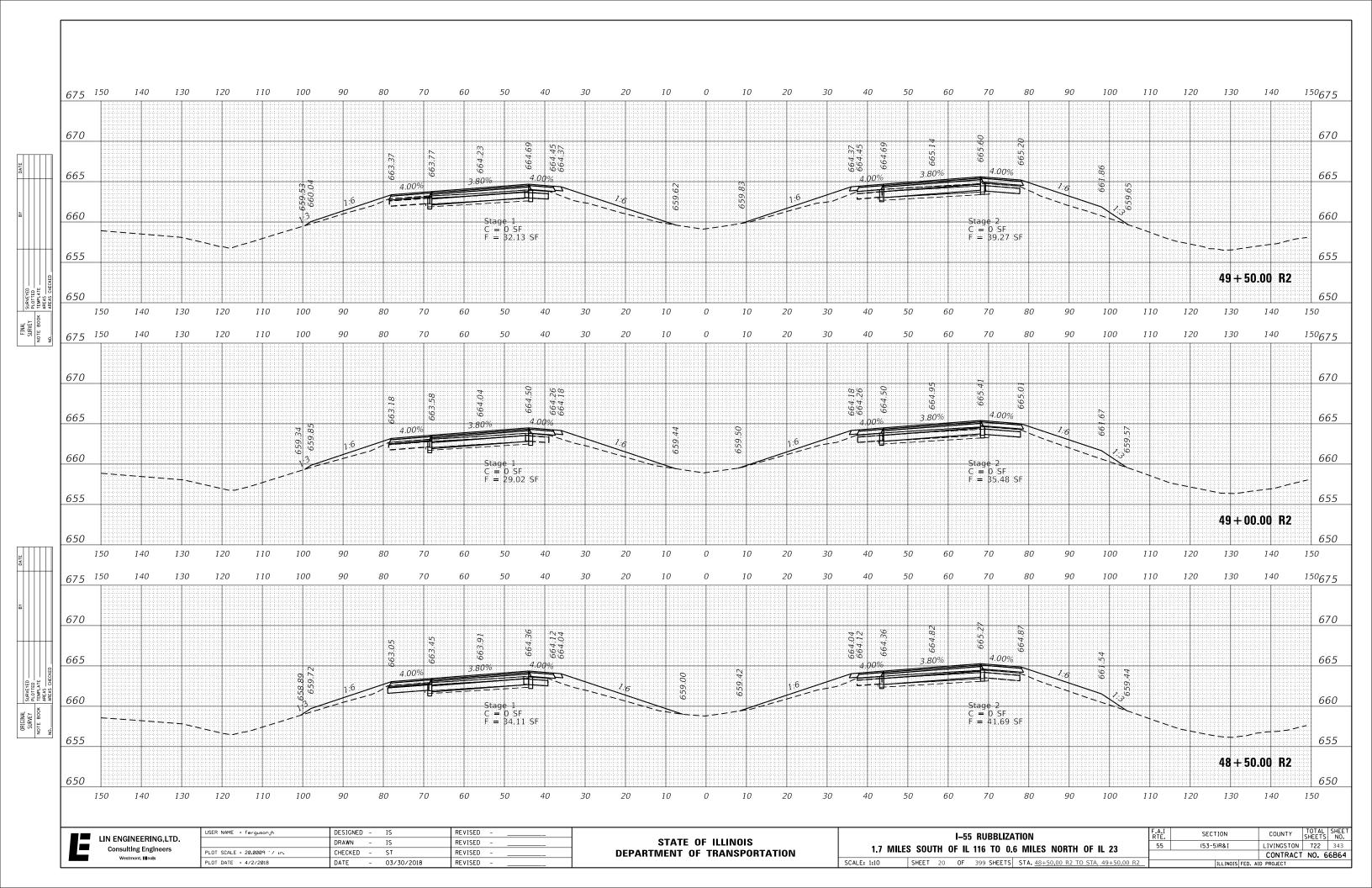


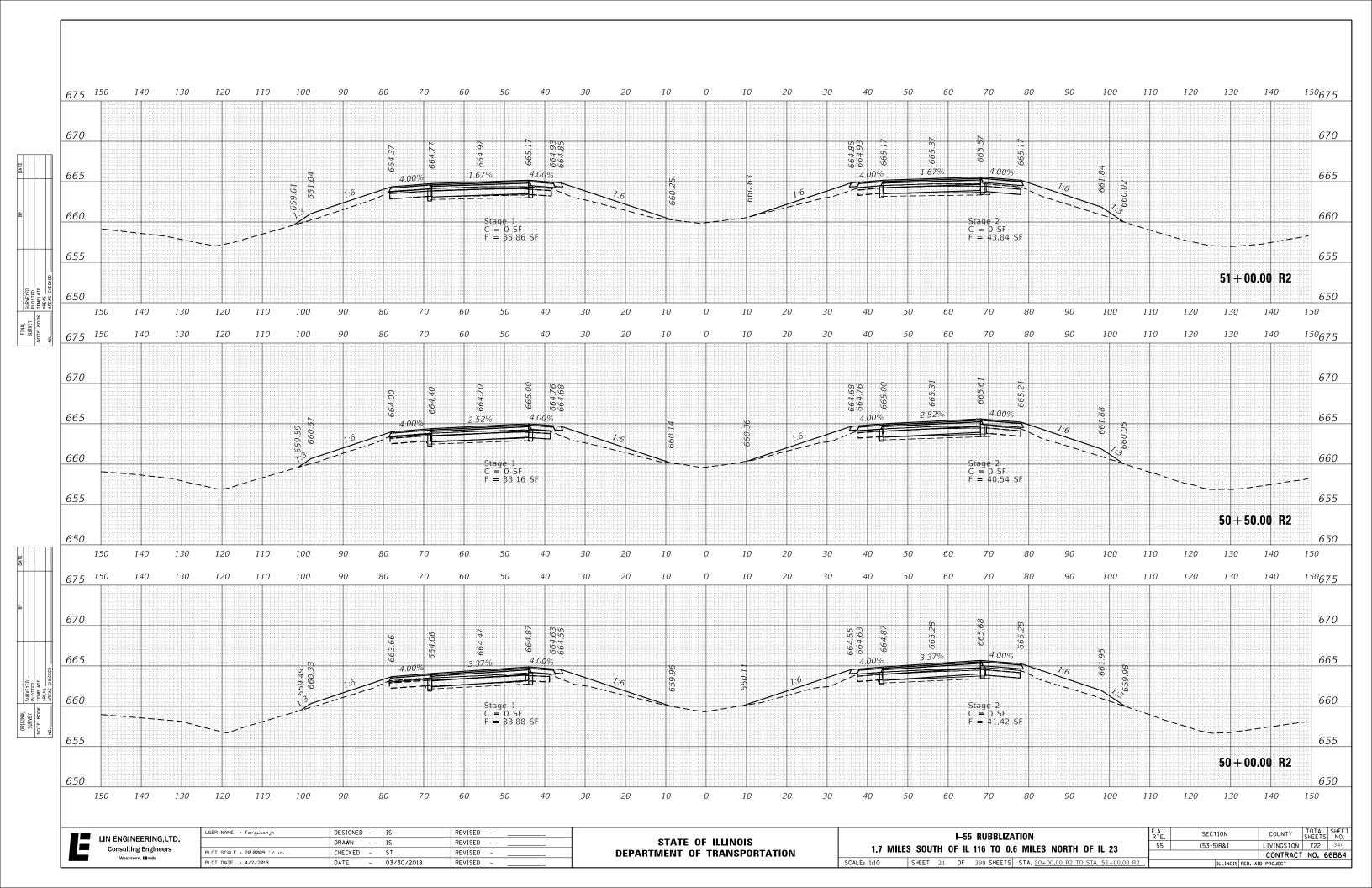


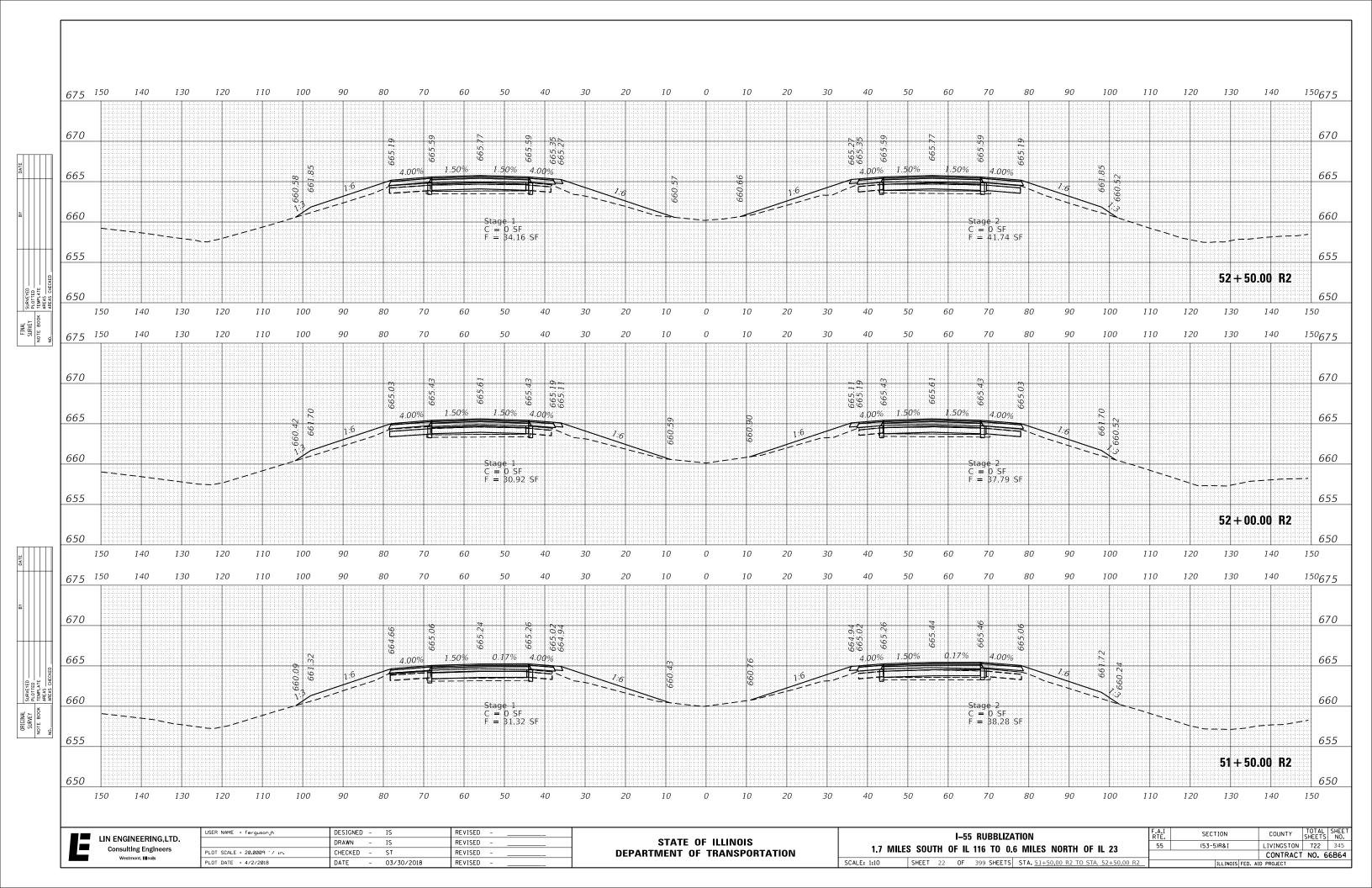


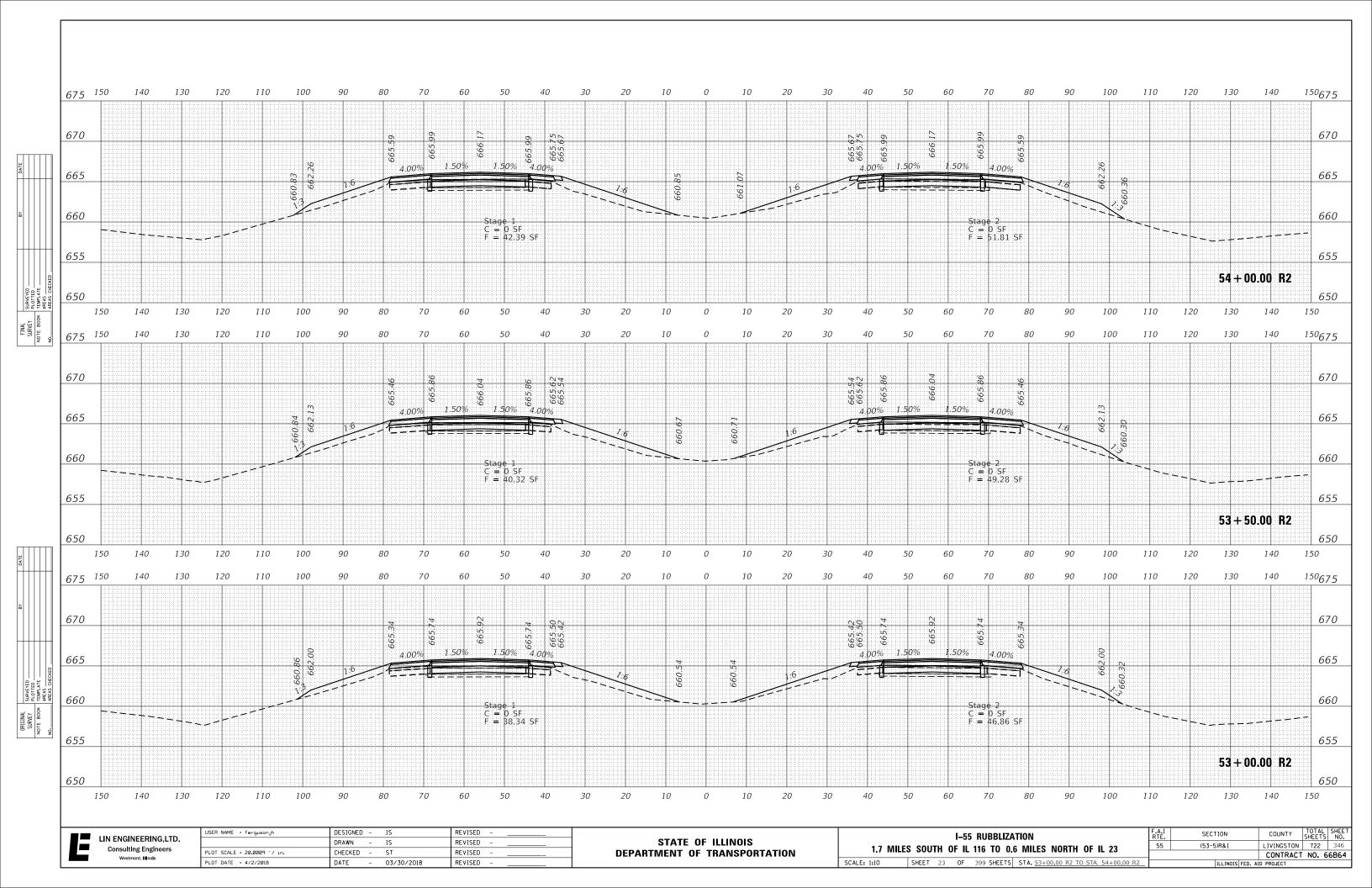
DATE 675 ¹⁵⁰ 665.1 664.23 663.99 663.91 664.23 663.91 663.99 663.77 62.92 4.00% 3.80% 4.00% 4,00% 3.80% 659.58 4.00%]____ 658.90 FINAL SURVEY NOTE BOOK REAS NO._____AREAS CHECKED Stage 1 C = 0 SF F = 38.7 SF Stage 2 C = 0 SF F = 47.3 SF 670 ¹⁵⁰ 664.53 664.07 664.07 663.83 663.75 663.75 663.83 663.61 664. 562.76 4.00% 3.80% 4.00% 4.00% 3.80% 4.00% 658.88 658.75 659. Stage 1 C = 0 SF F = 37.53 SF $\begin{array}{r} \text{Stage 2} \\ \text{C} = 0 \text{ SF} \\ \text{F} = 45.87 \text{ SF} \end{array}$ DATE 670 ¹⁵⁰ 664.82 663.91 663.67 663.59 663.59 663.67 663.91 663.46 562.60 1.00% 4.00% 4.00% 3.80% 659.27 4.00% 658.54 ORIGINAL SURVEY SURVEY PLOTTED NOTE BOOK REMPLATE AREAS CHECK 658. Stage 1 C = 0 SF F = 36.86 SF Stage 2 C = 0 SF F = 45.05 SF DESIGNED -REVISED USER NAME = fergusonjh IS = I-55 RUBBLIZATION LIN ENGINEERING, LTD. STATE OF ILLINOIS DRAWN IS REVISED _ **Consulting Engineers** 1,7 MILES SOUTH OF IL 116 TO 0.6 MILES NORTH OF IL 23 PLOT SCALE = 20.0009 '/ in. CHECKED – ST REVISED **DEPARTMENT OF TRANSPORTATION** Westmont, III nois SCALE: 1:10 DATE - 03/30/2018 PLOT DATE = 4/2/2018 REVISED

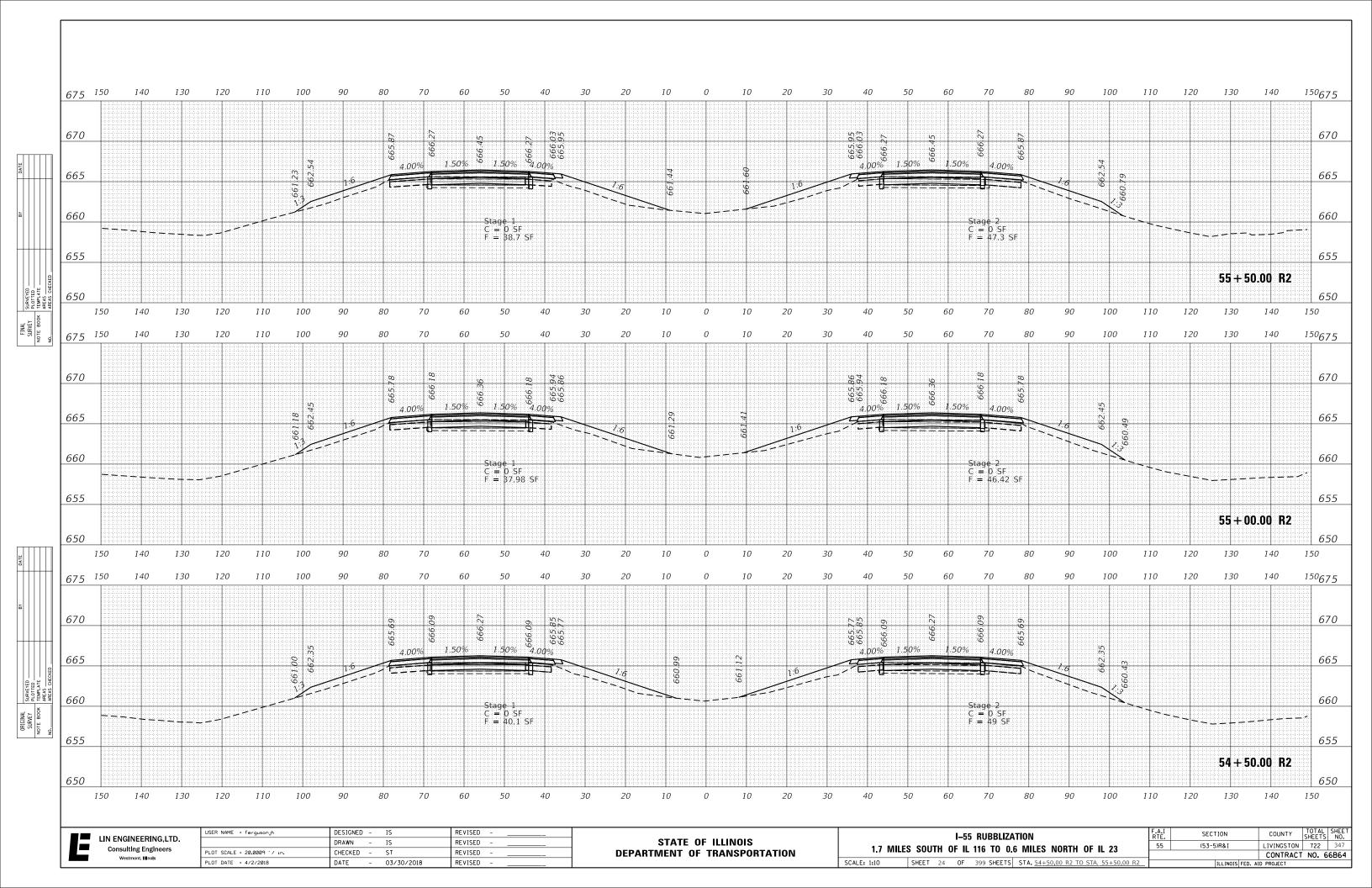


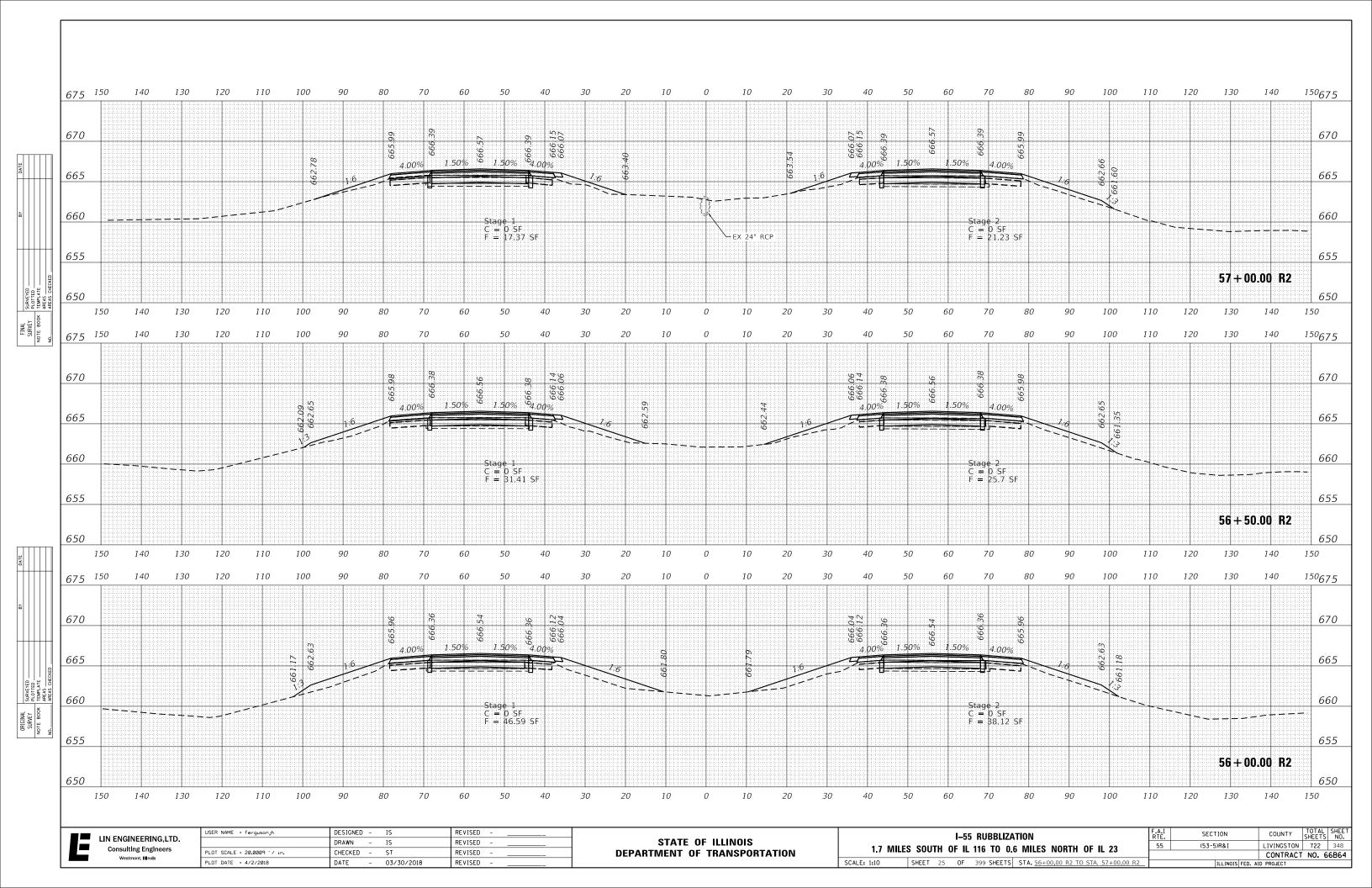


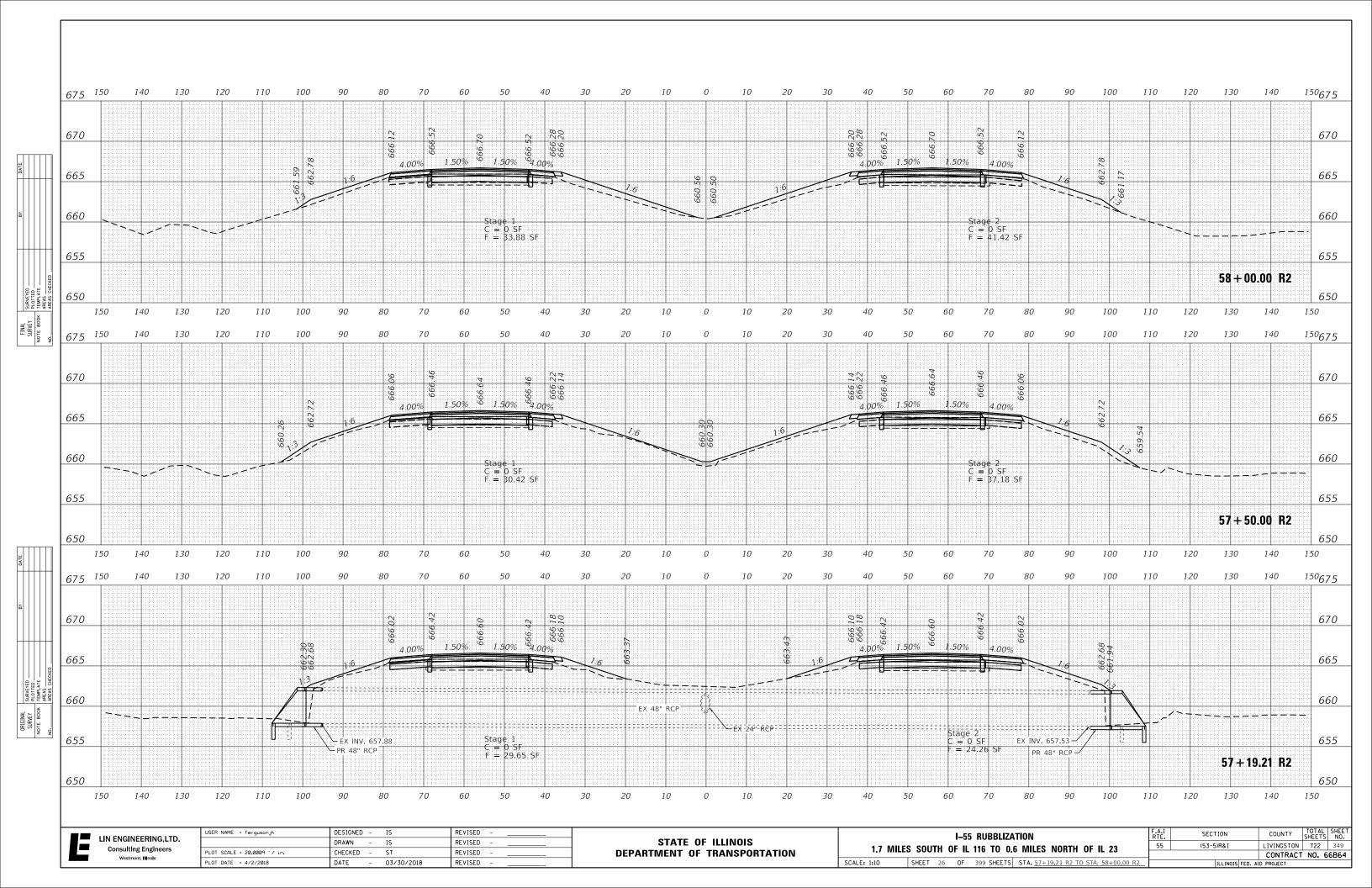


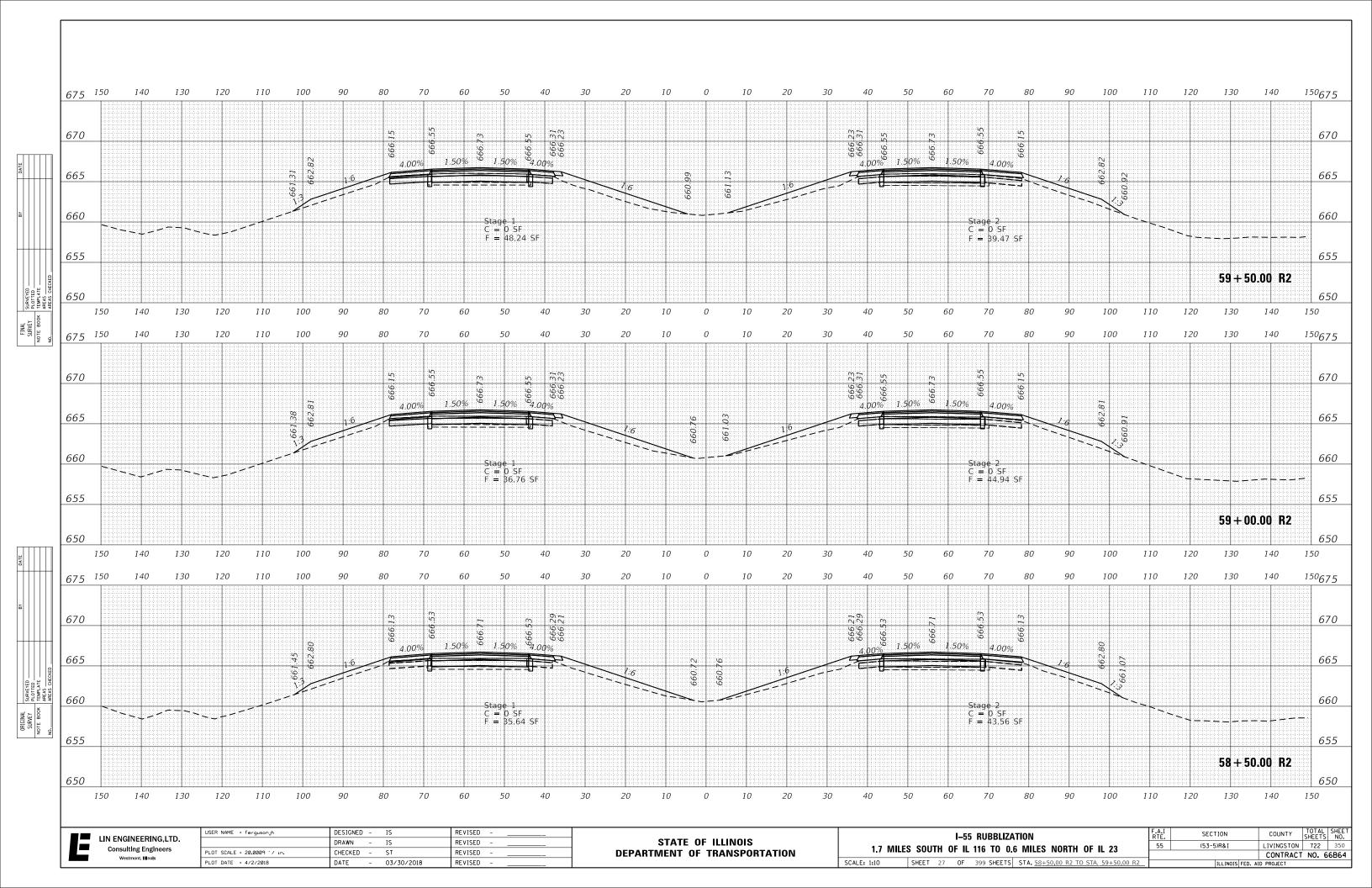


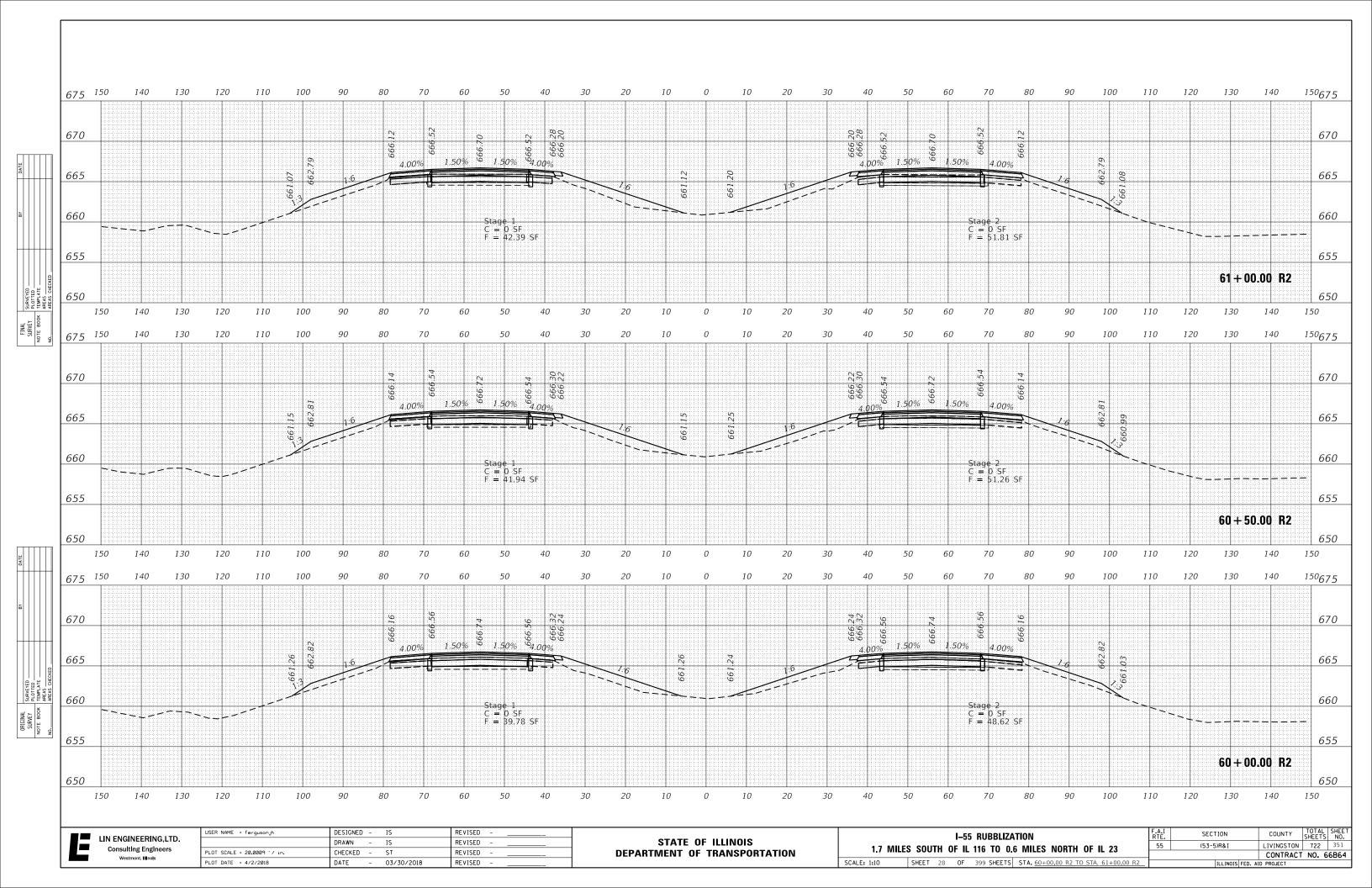


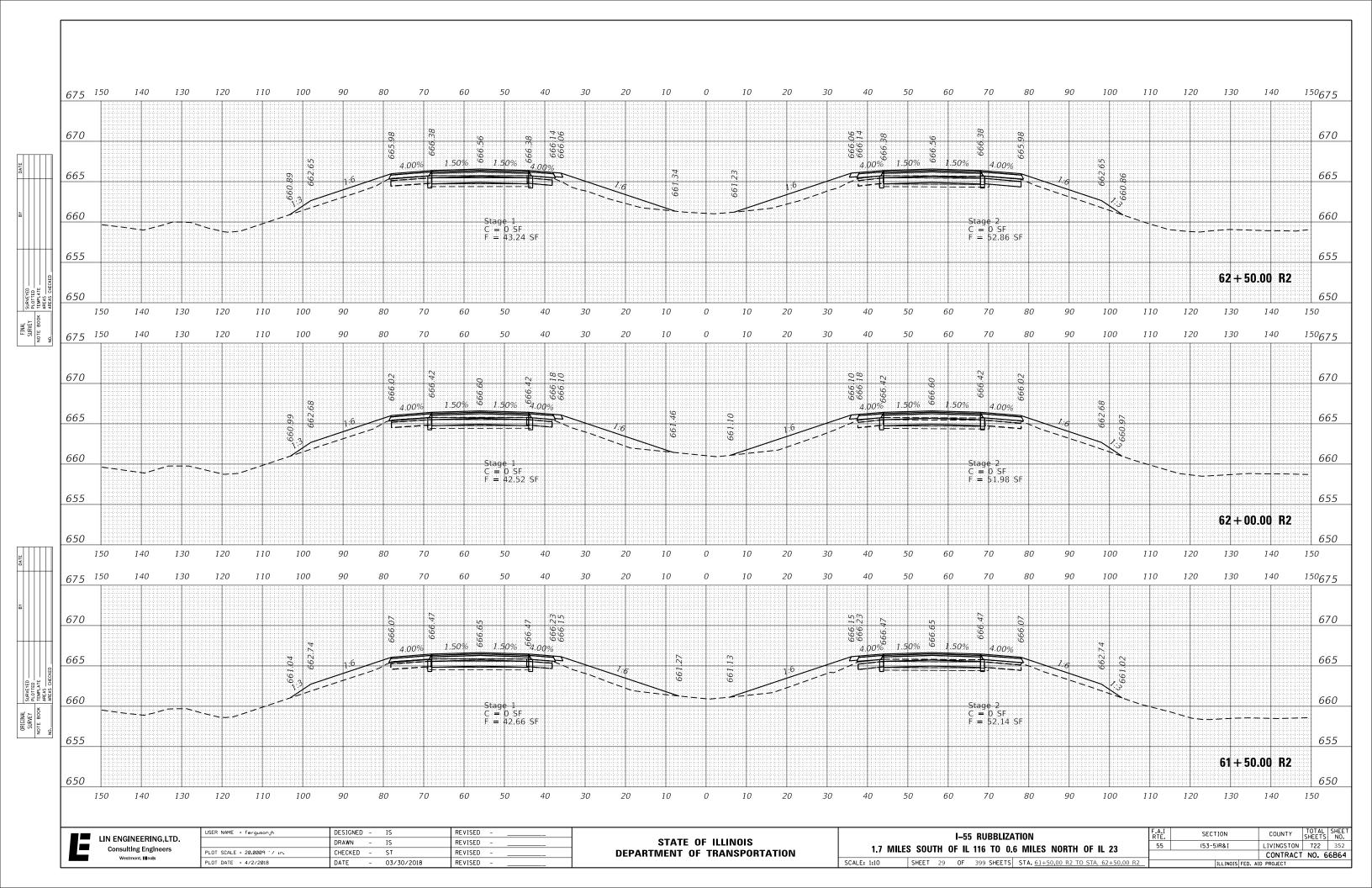


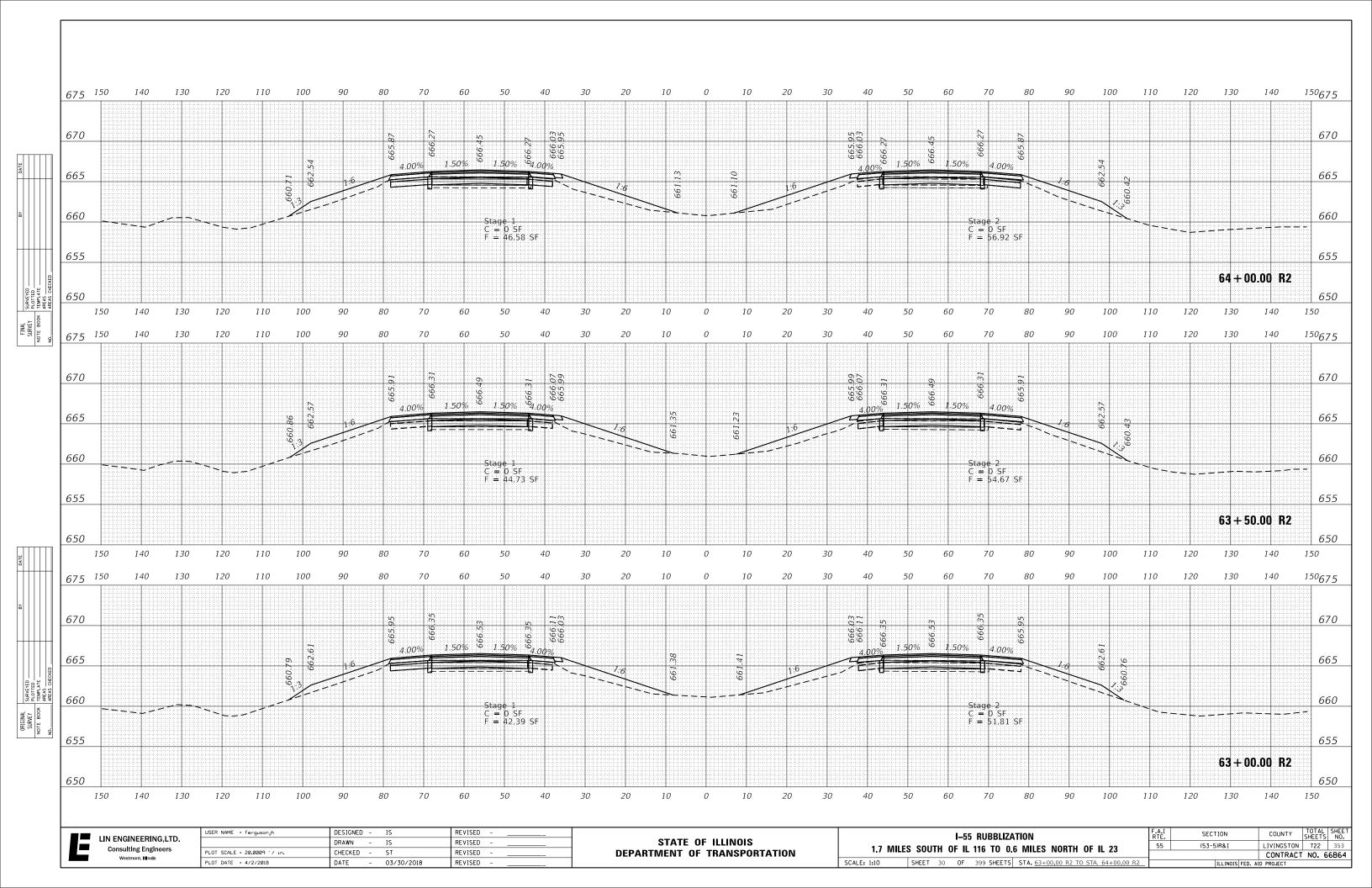


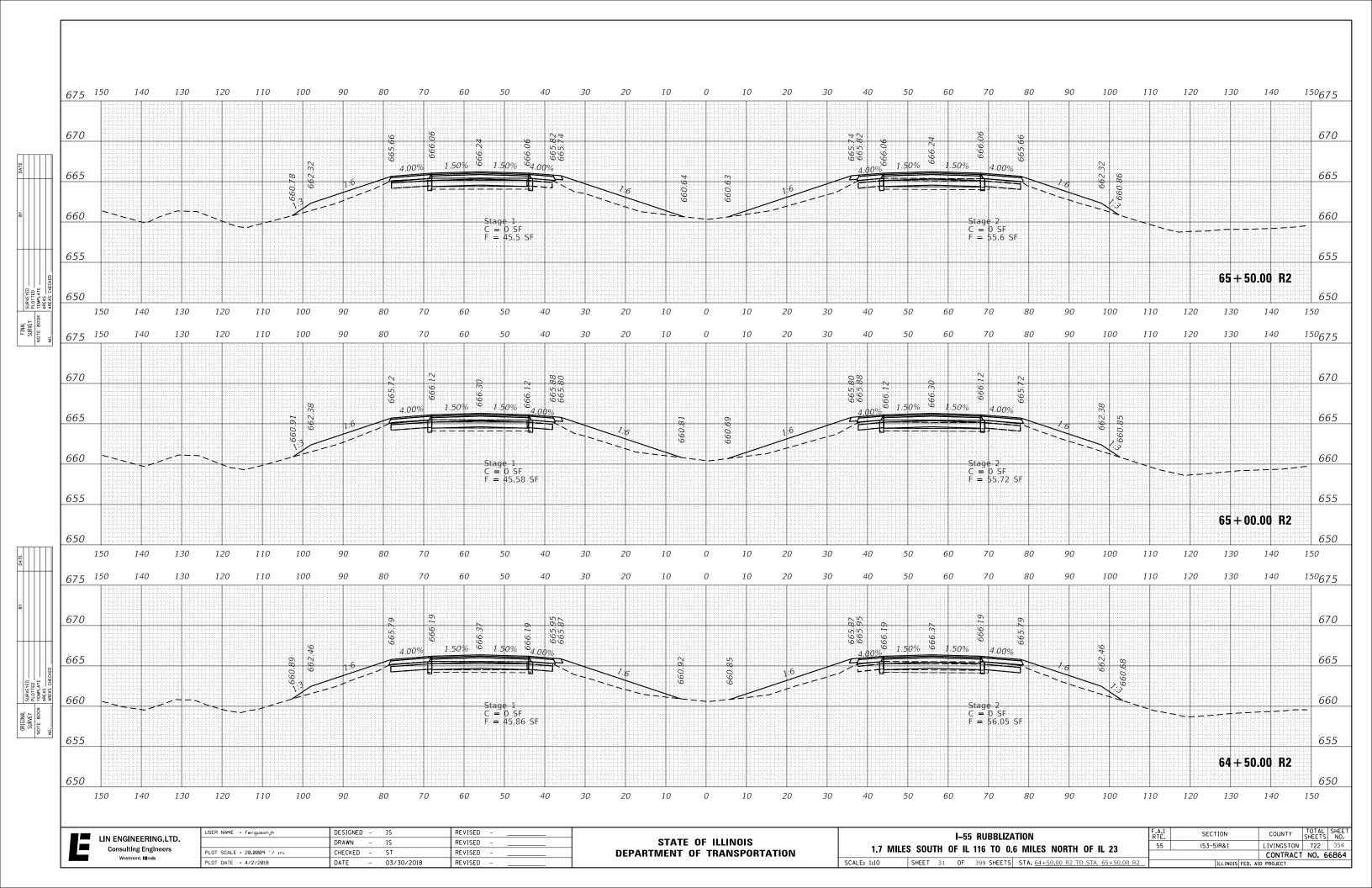


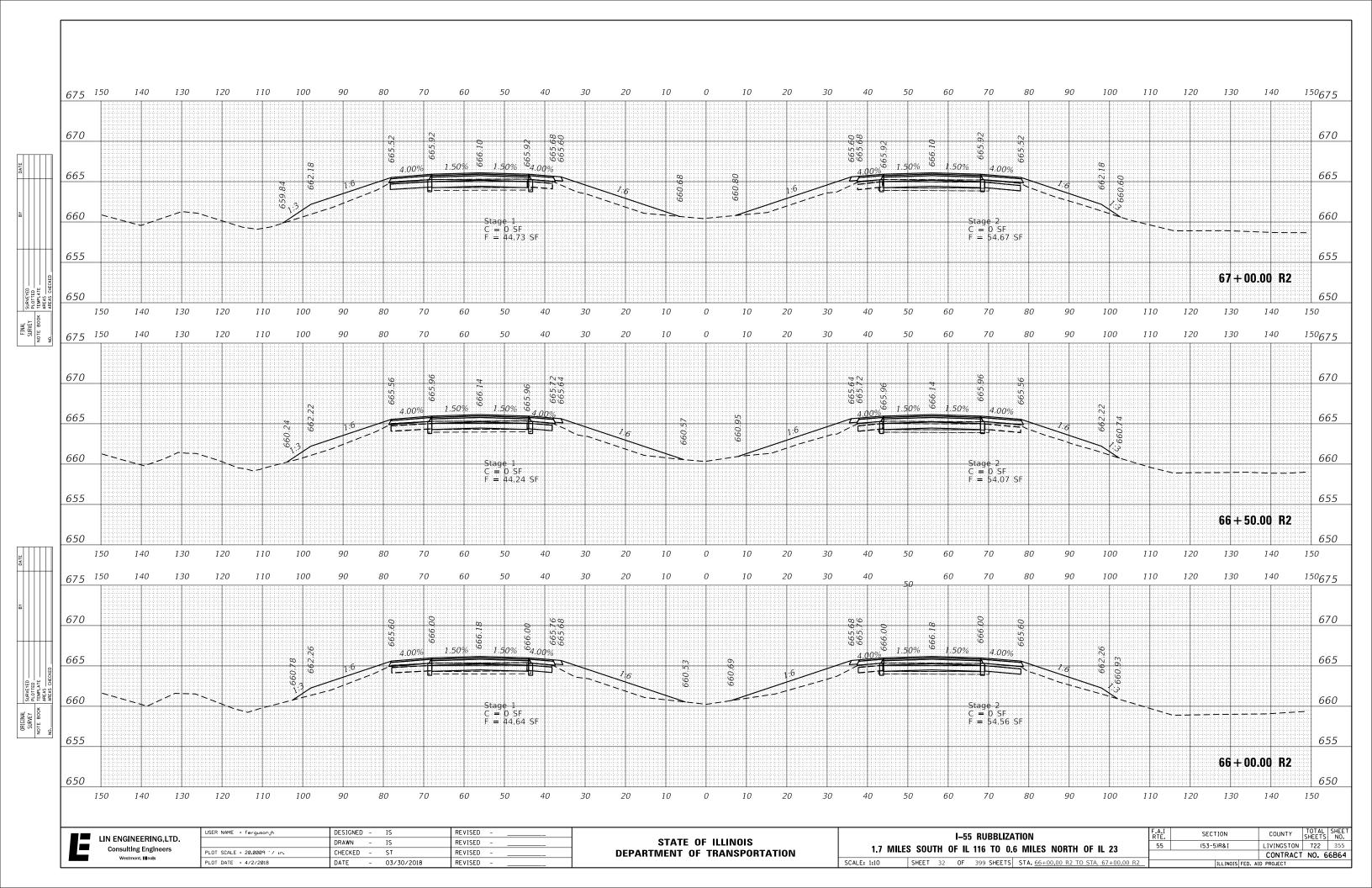


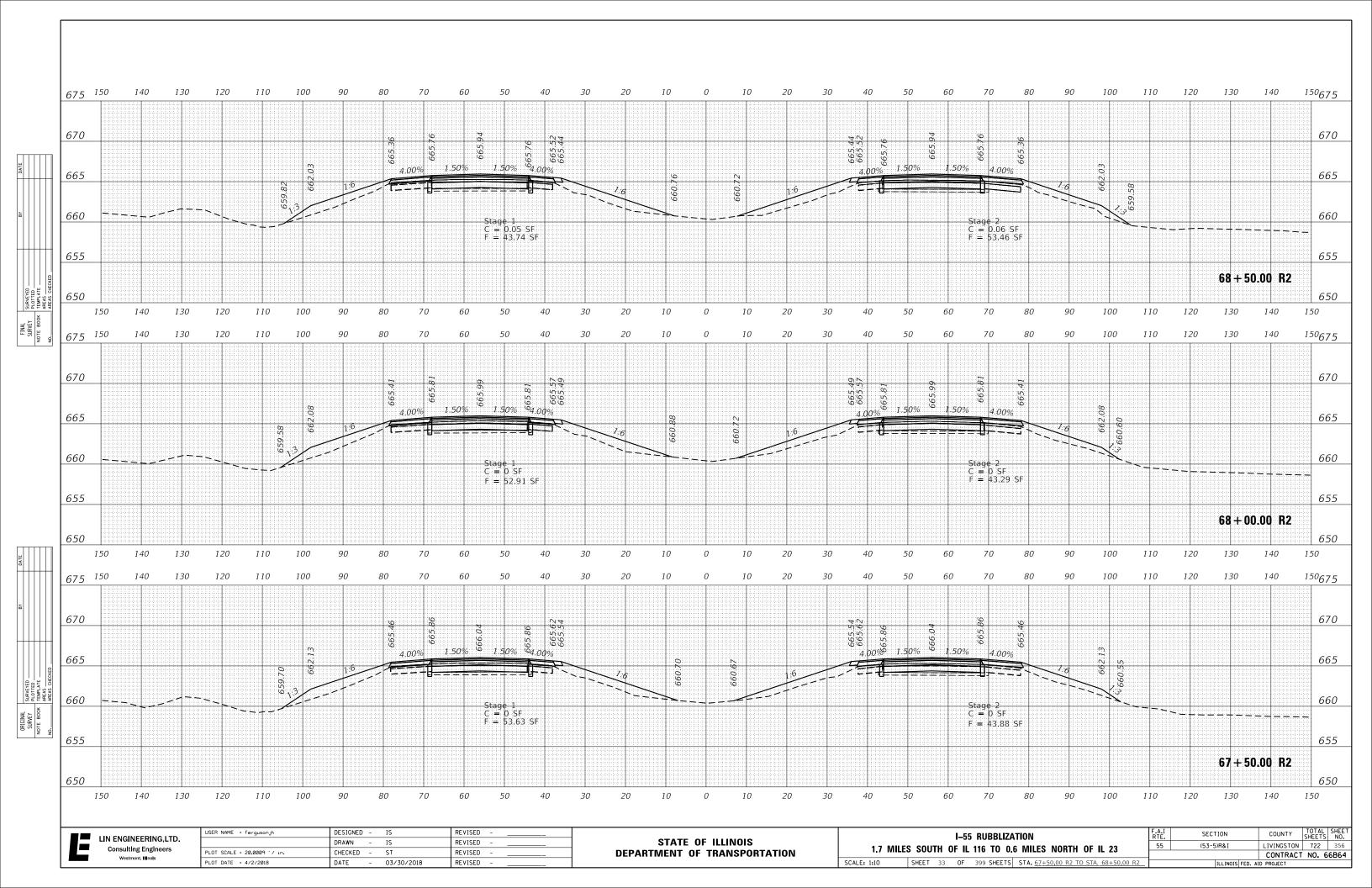


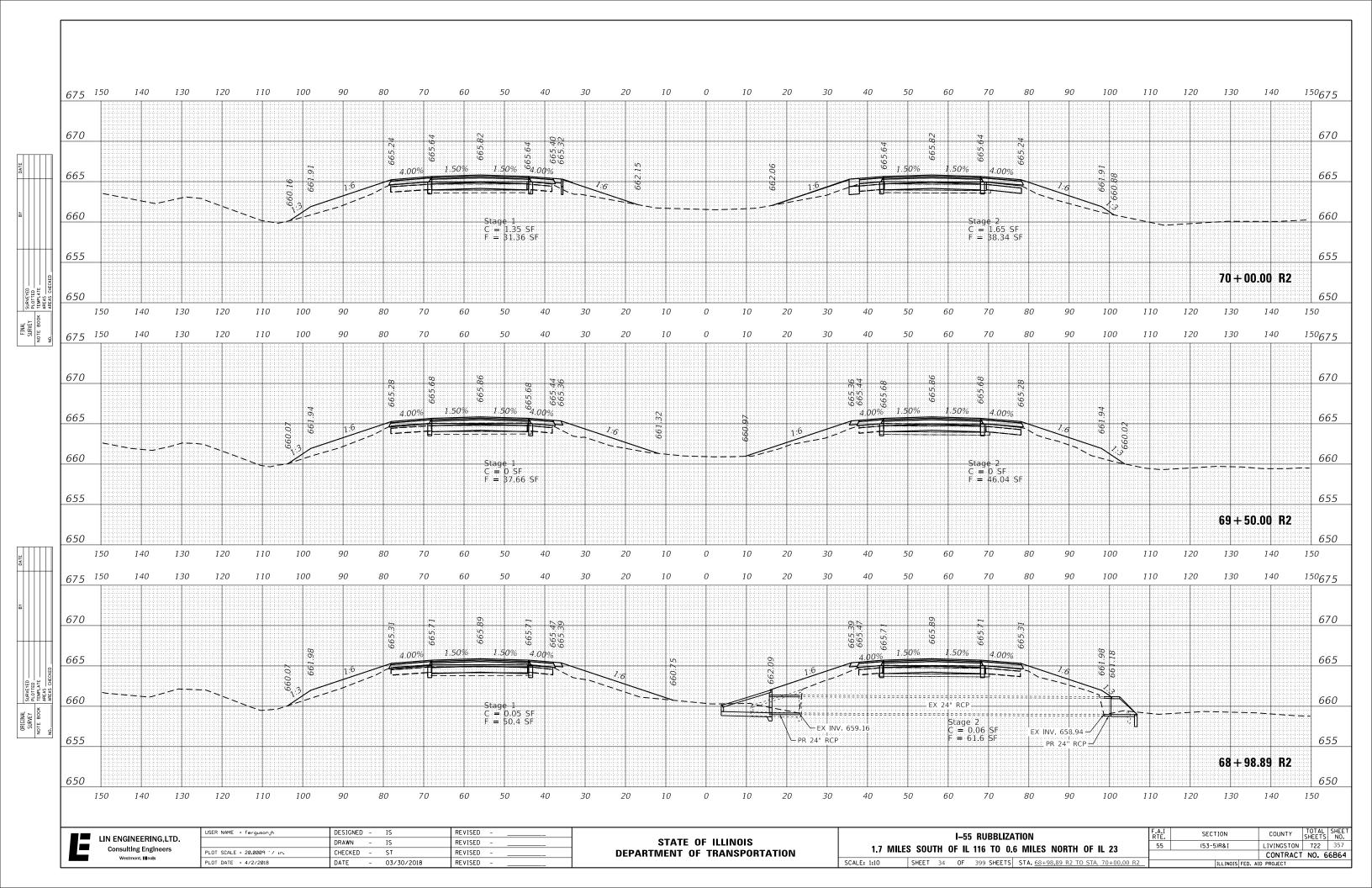


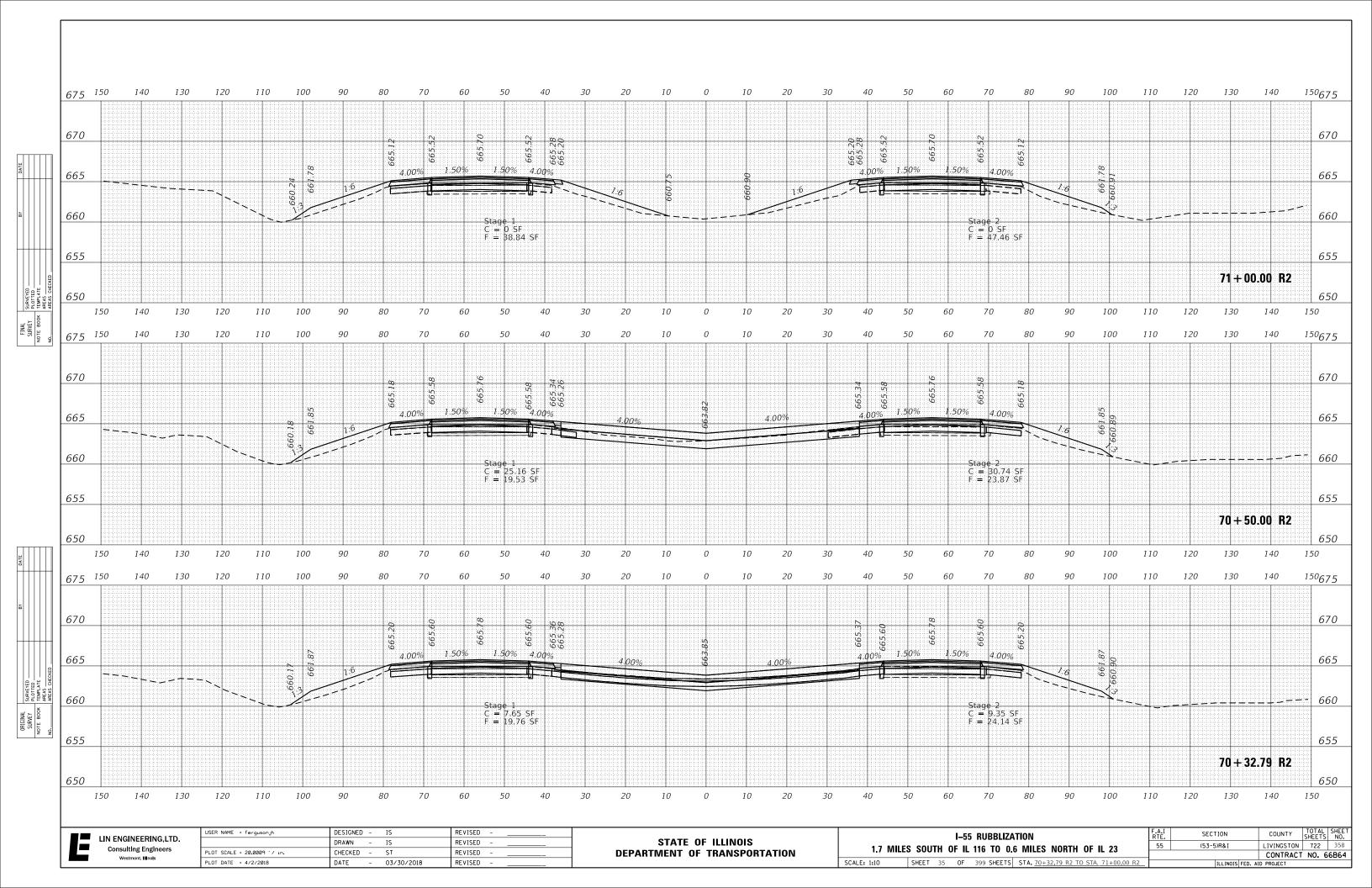




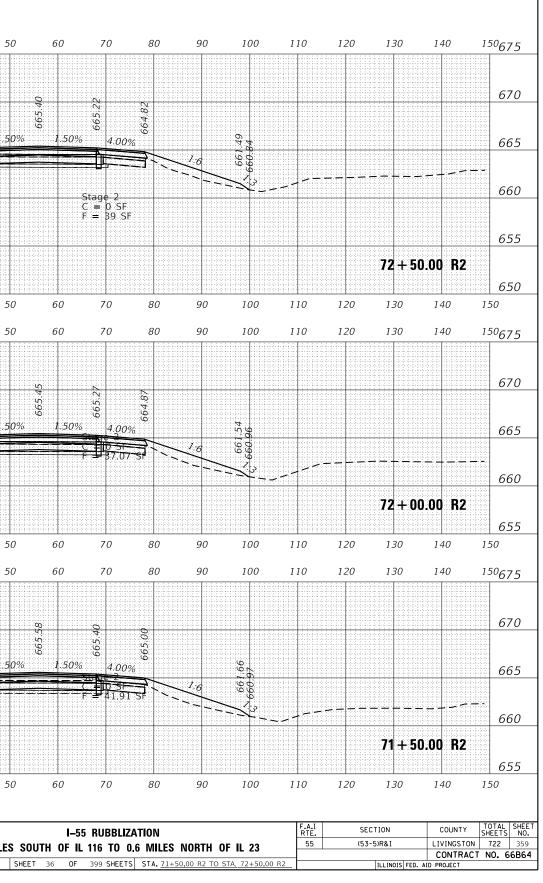


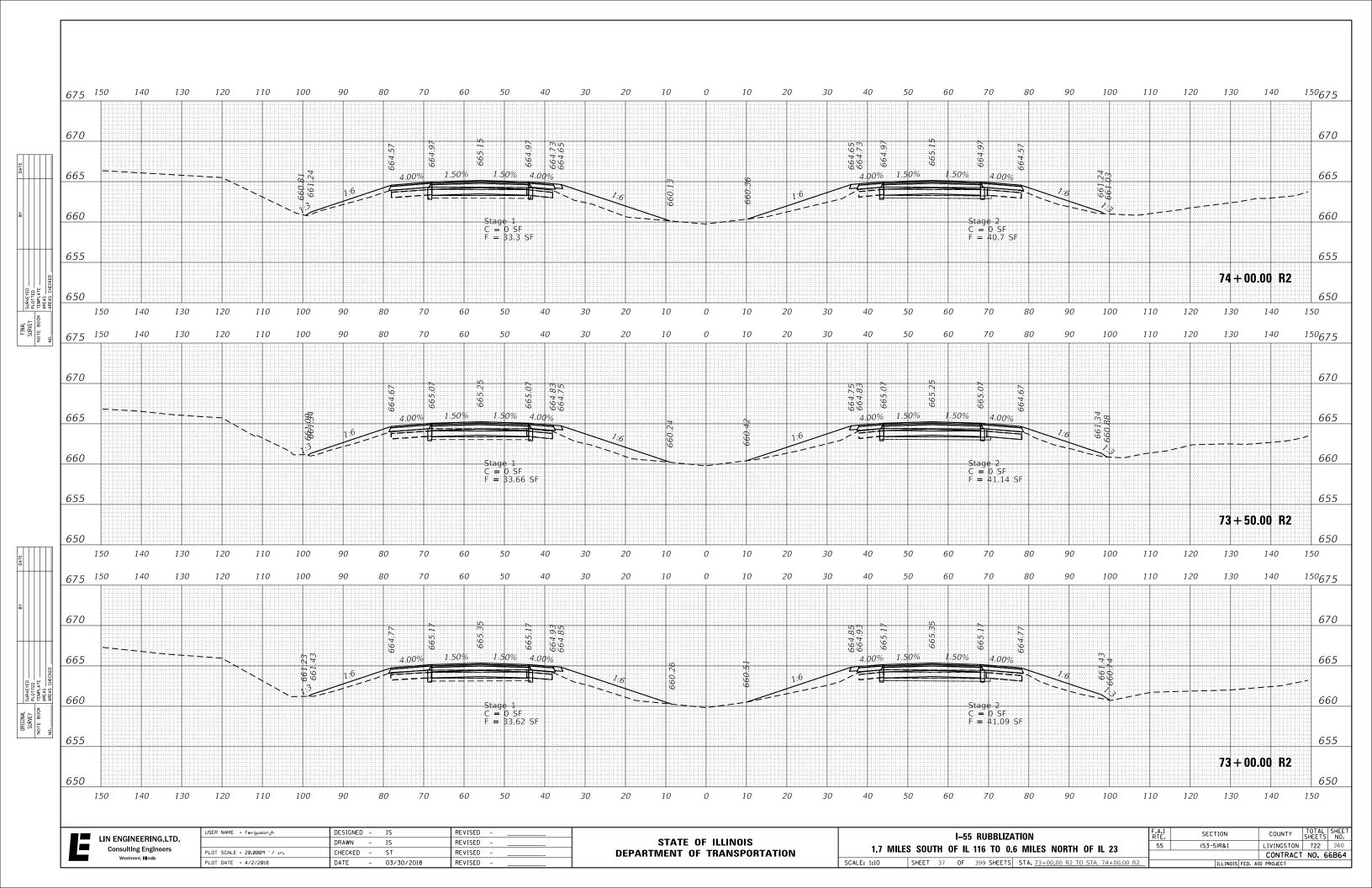


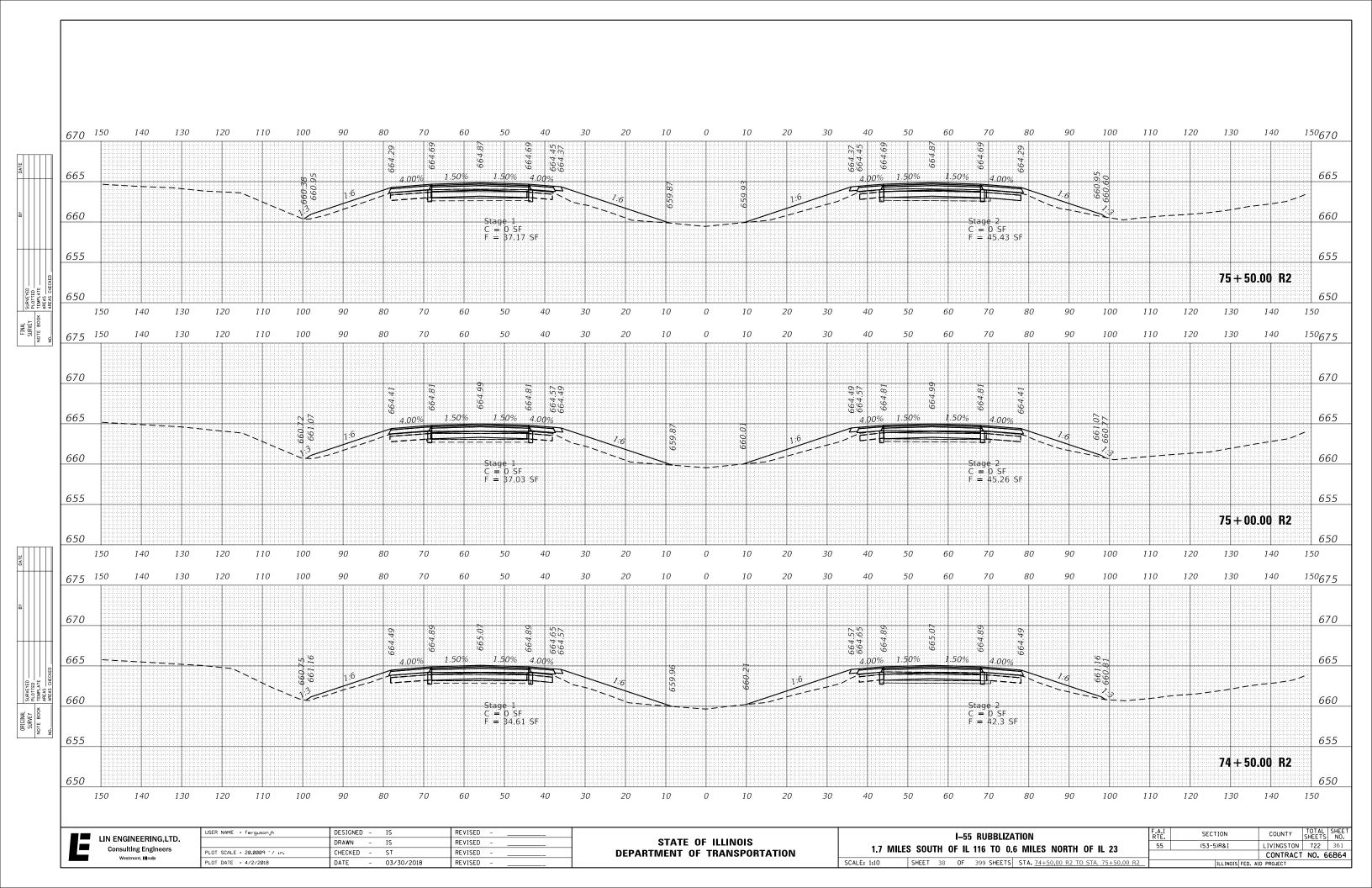


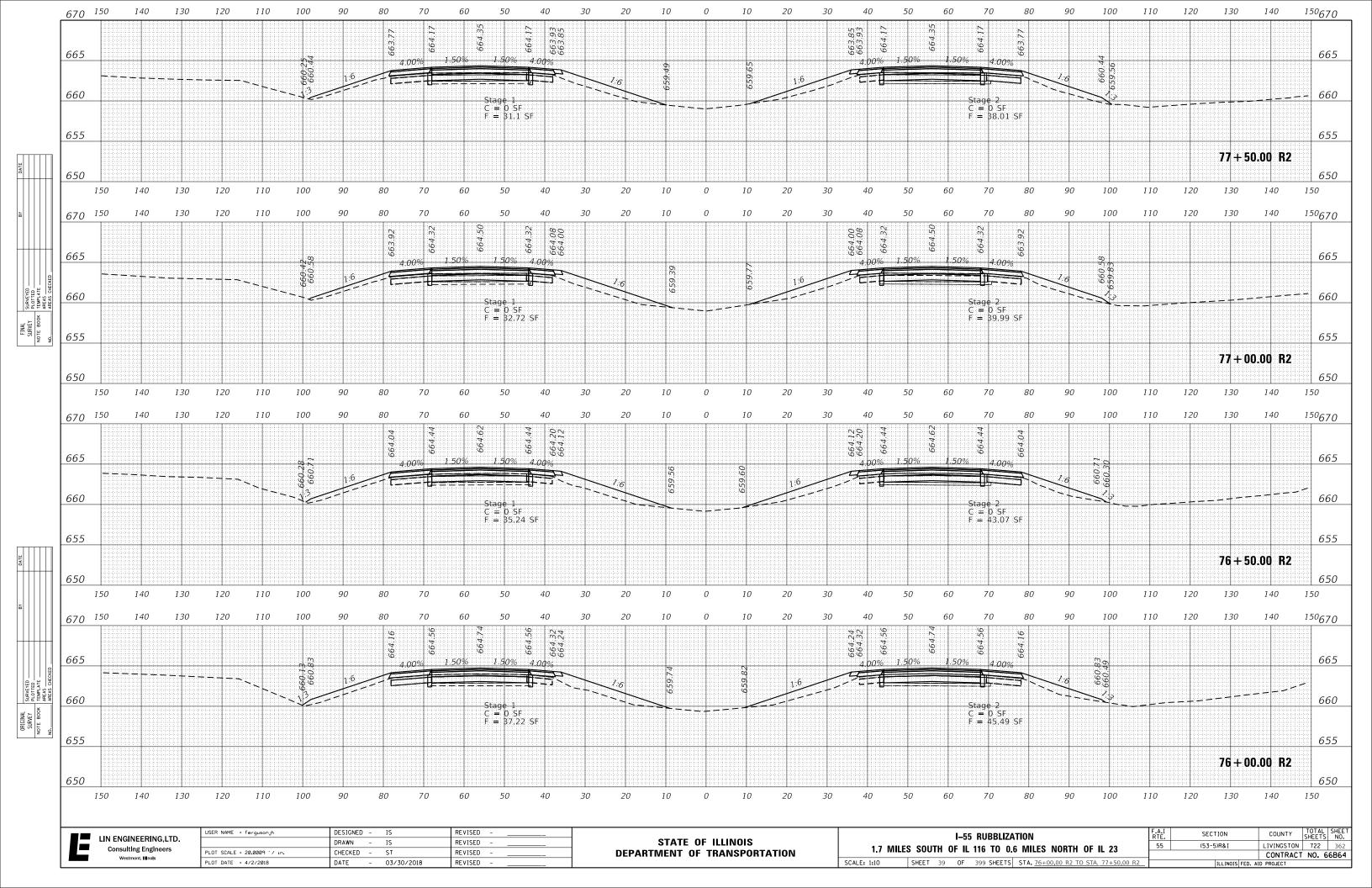


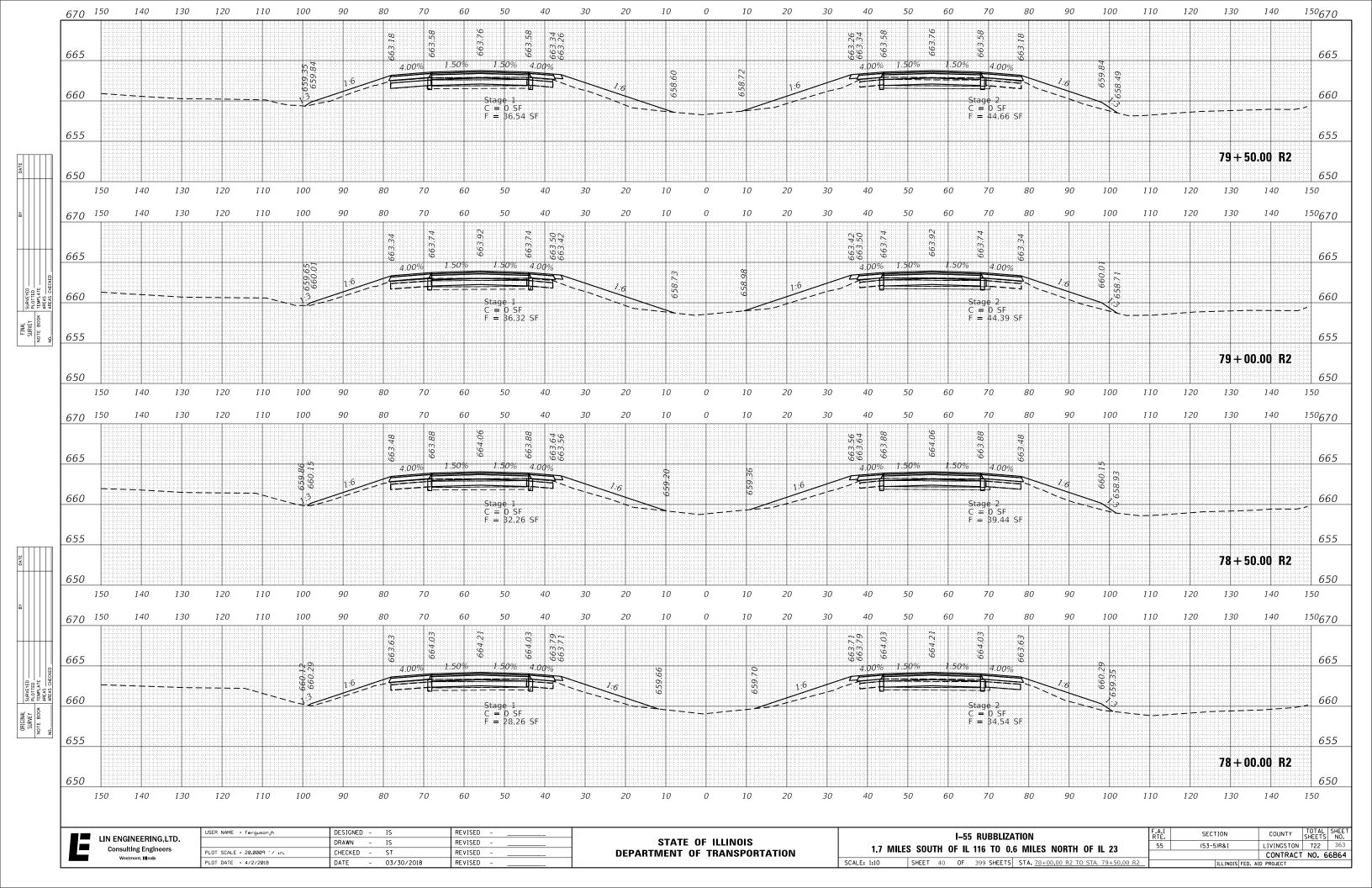
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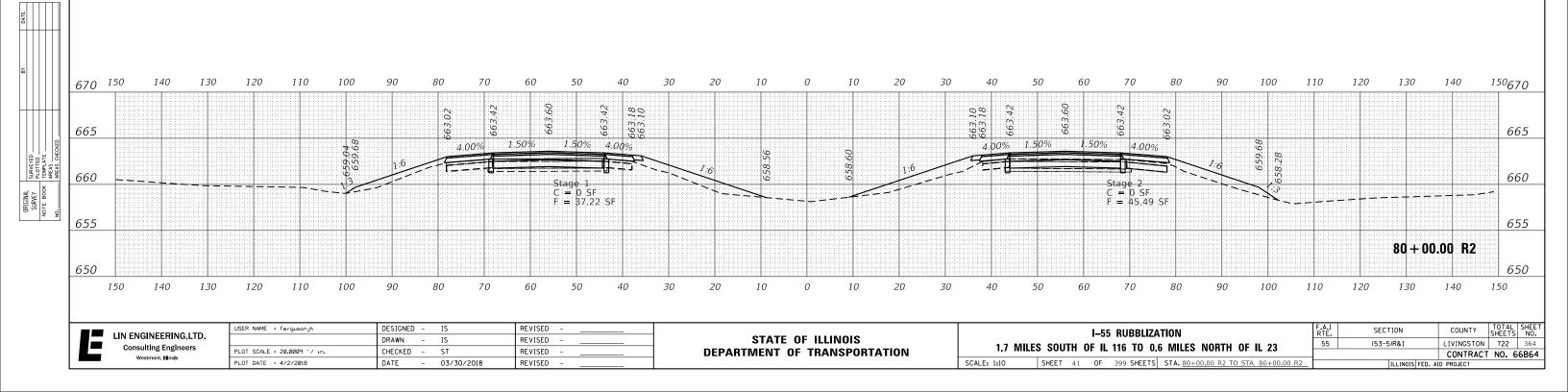


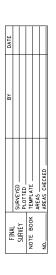


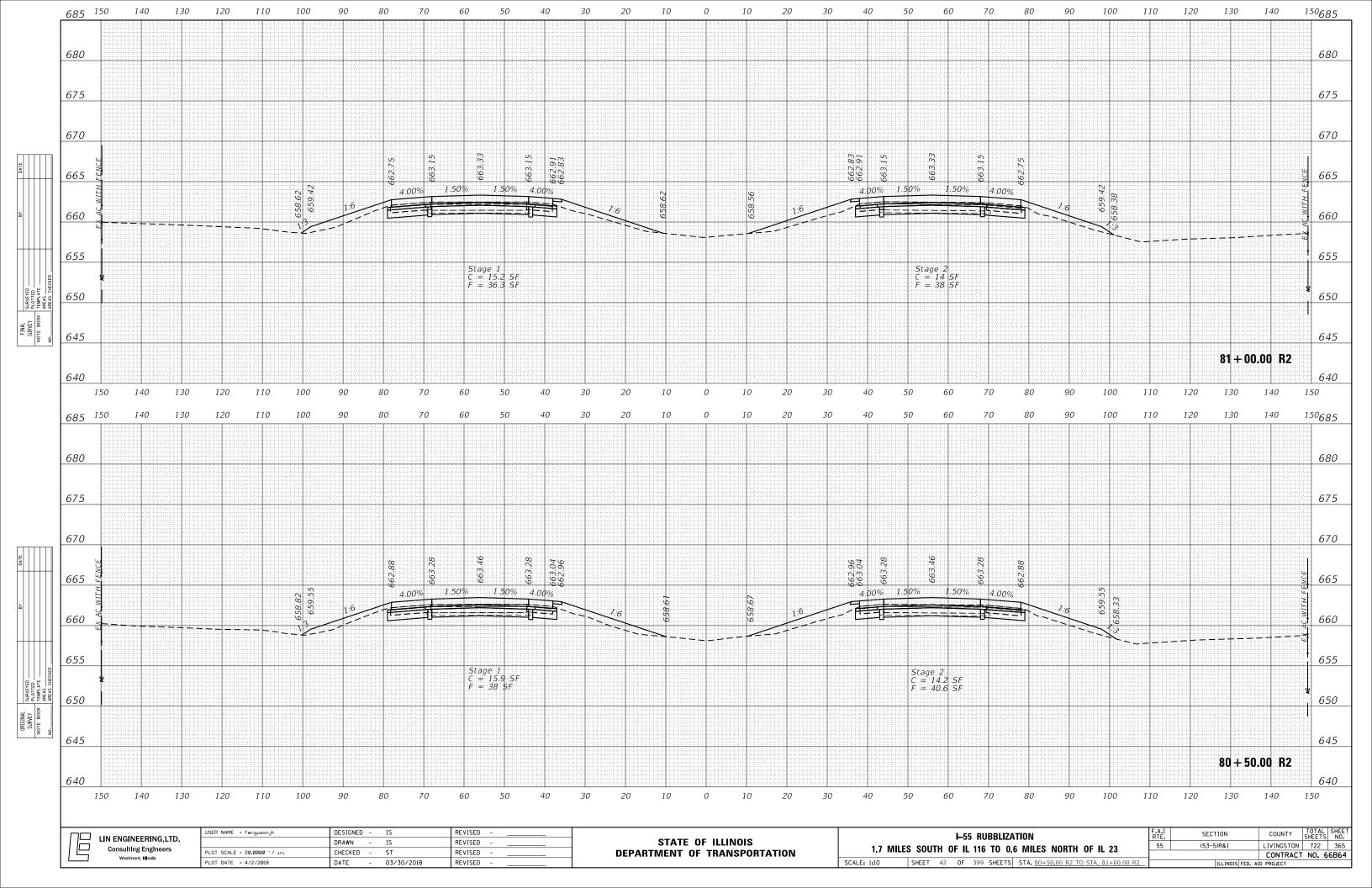


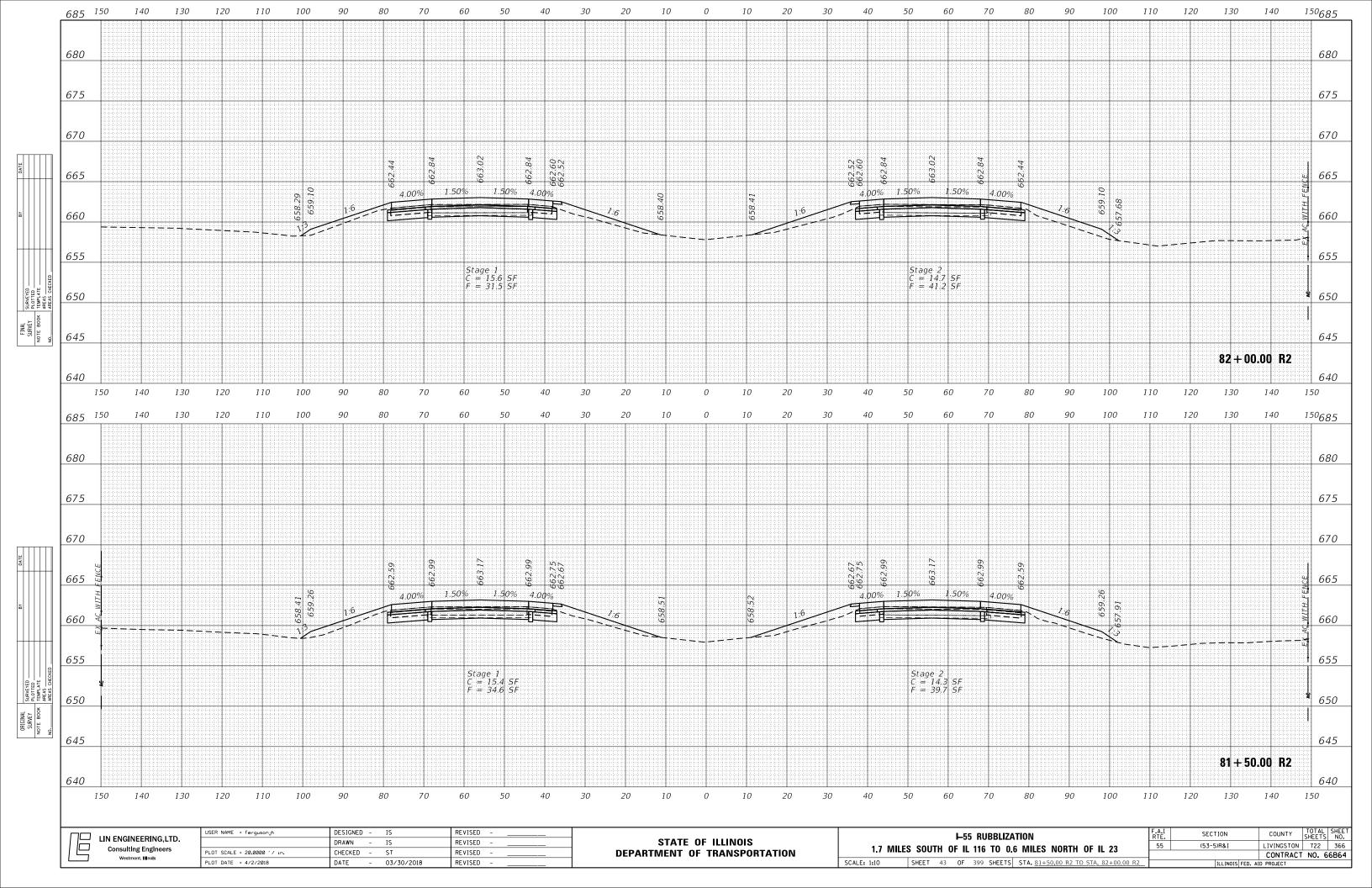


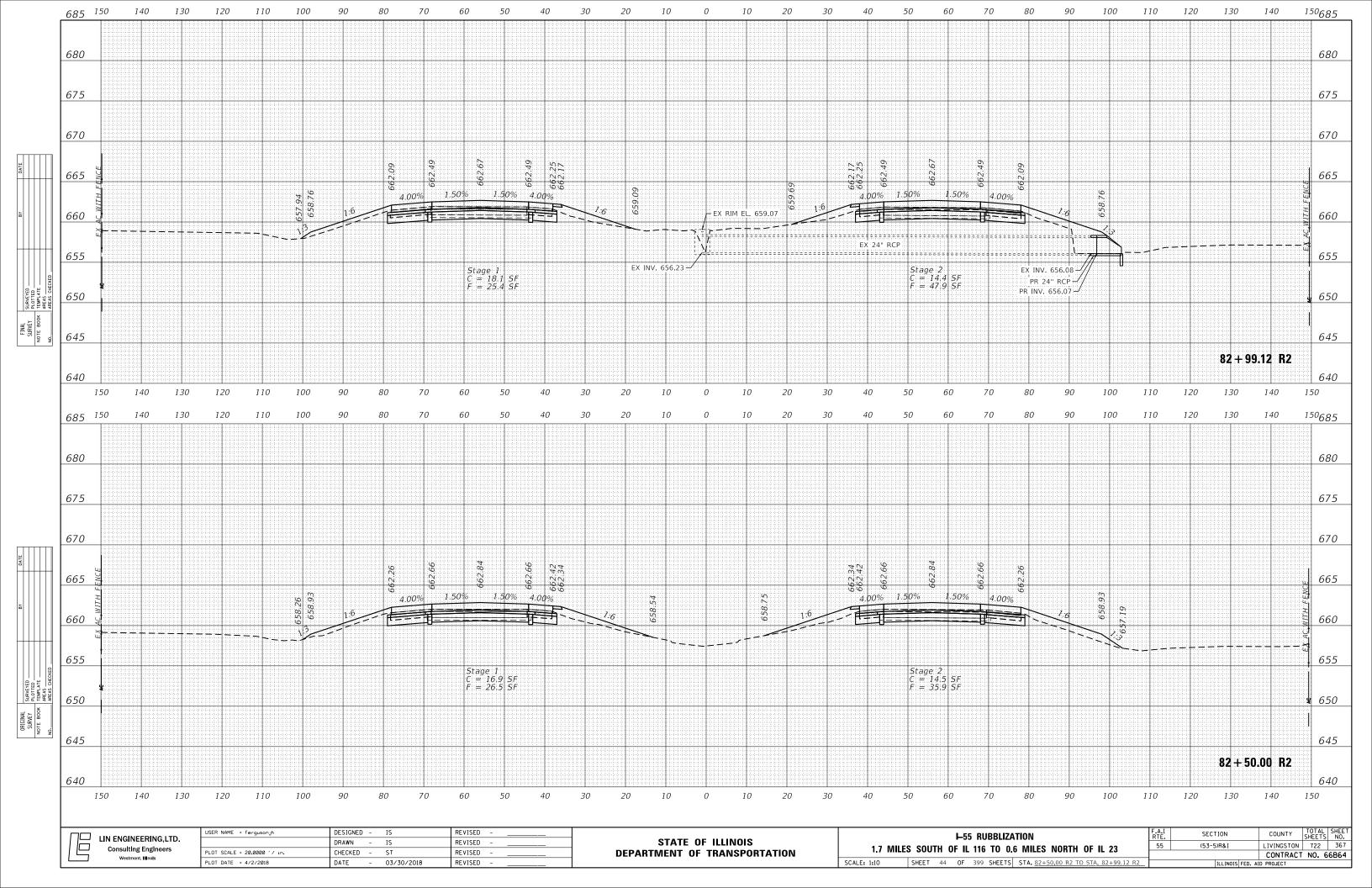


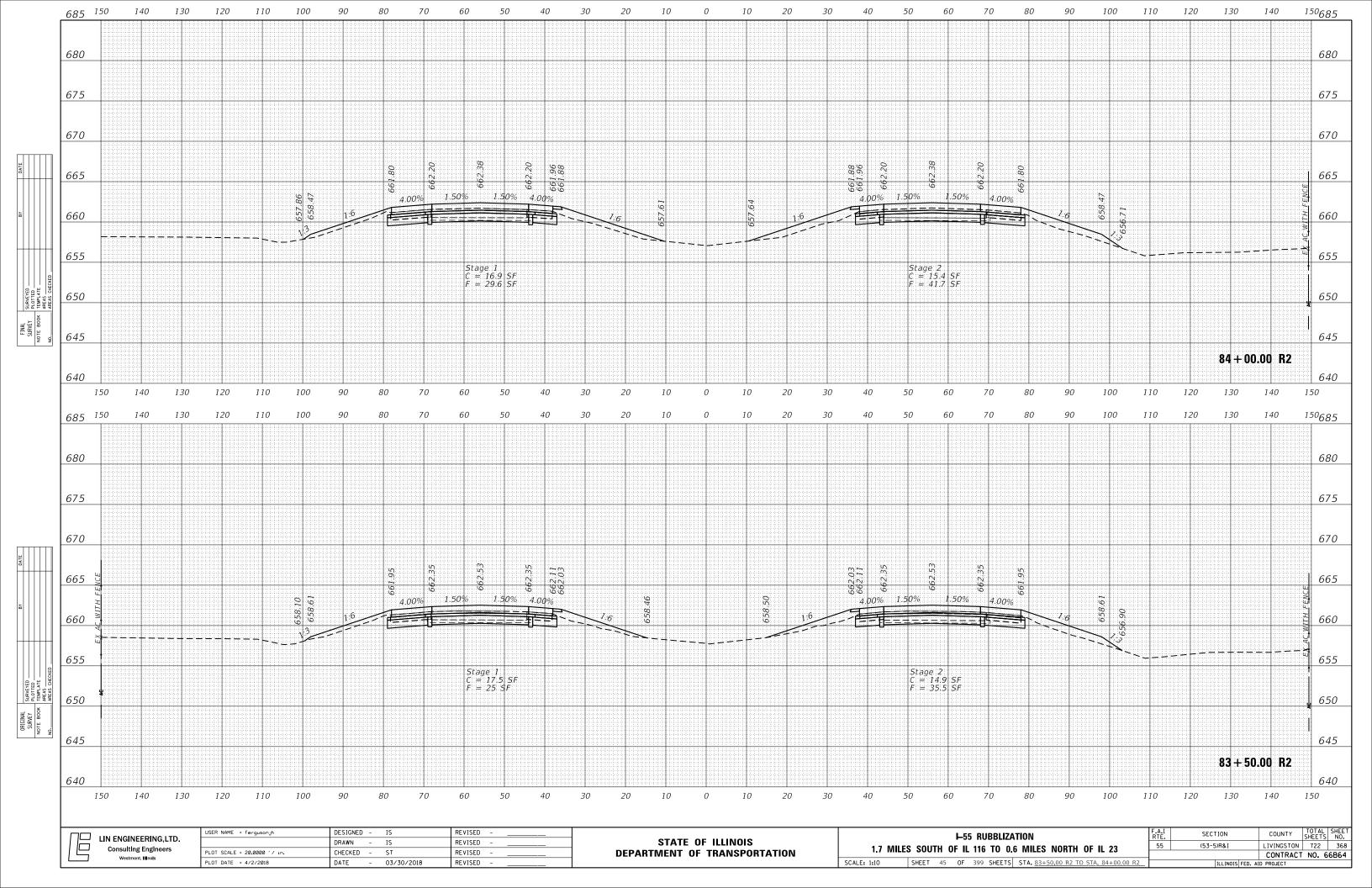


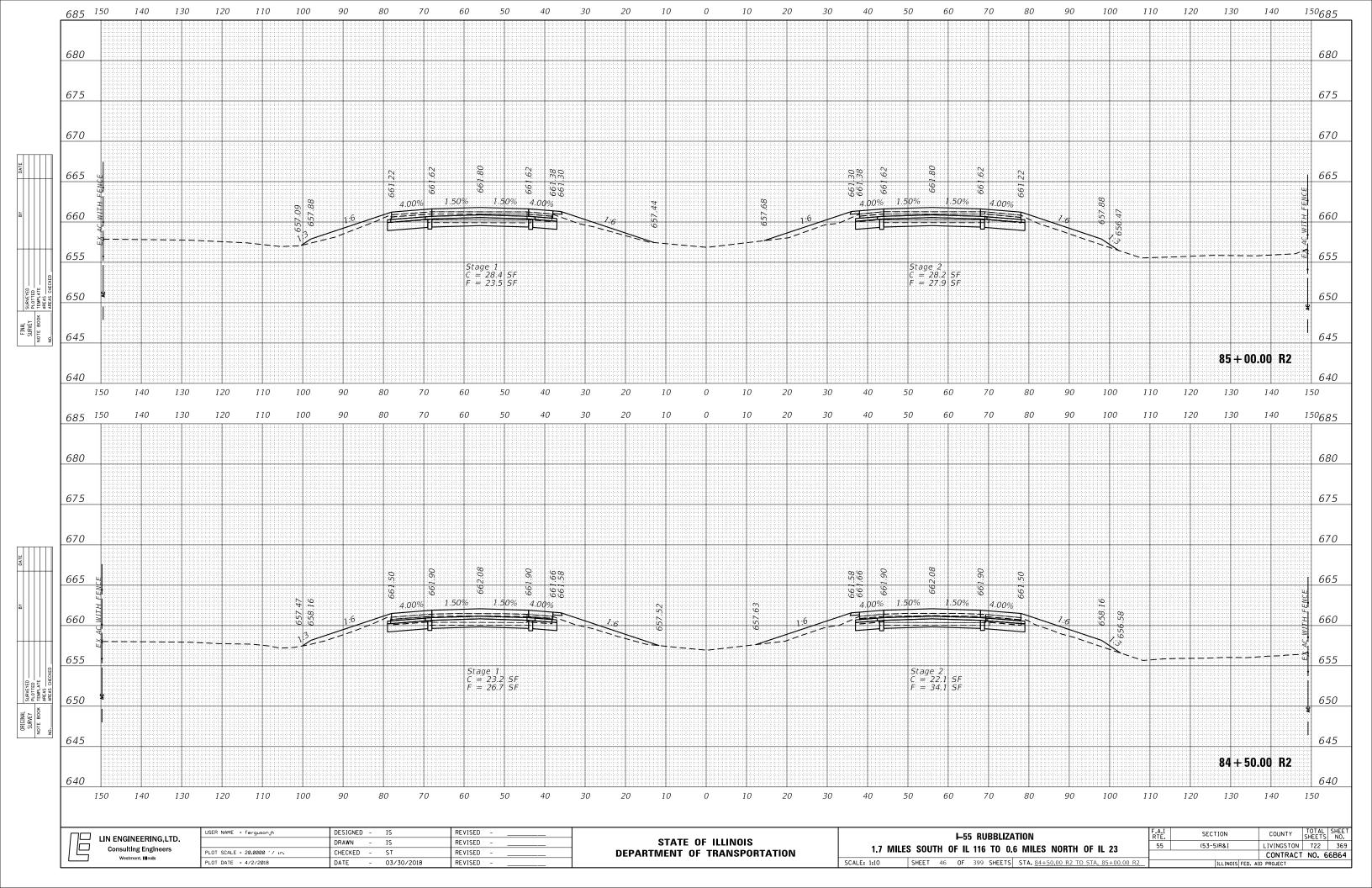


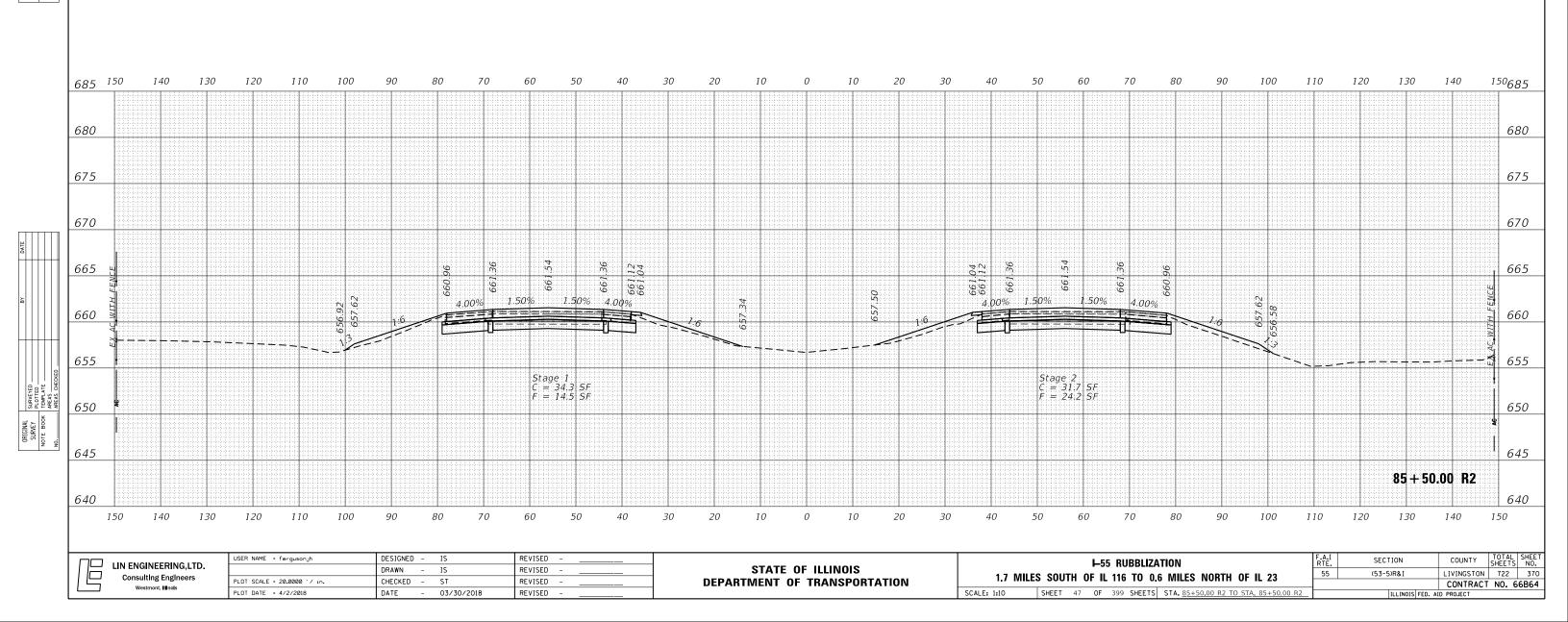


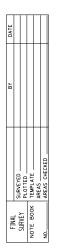


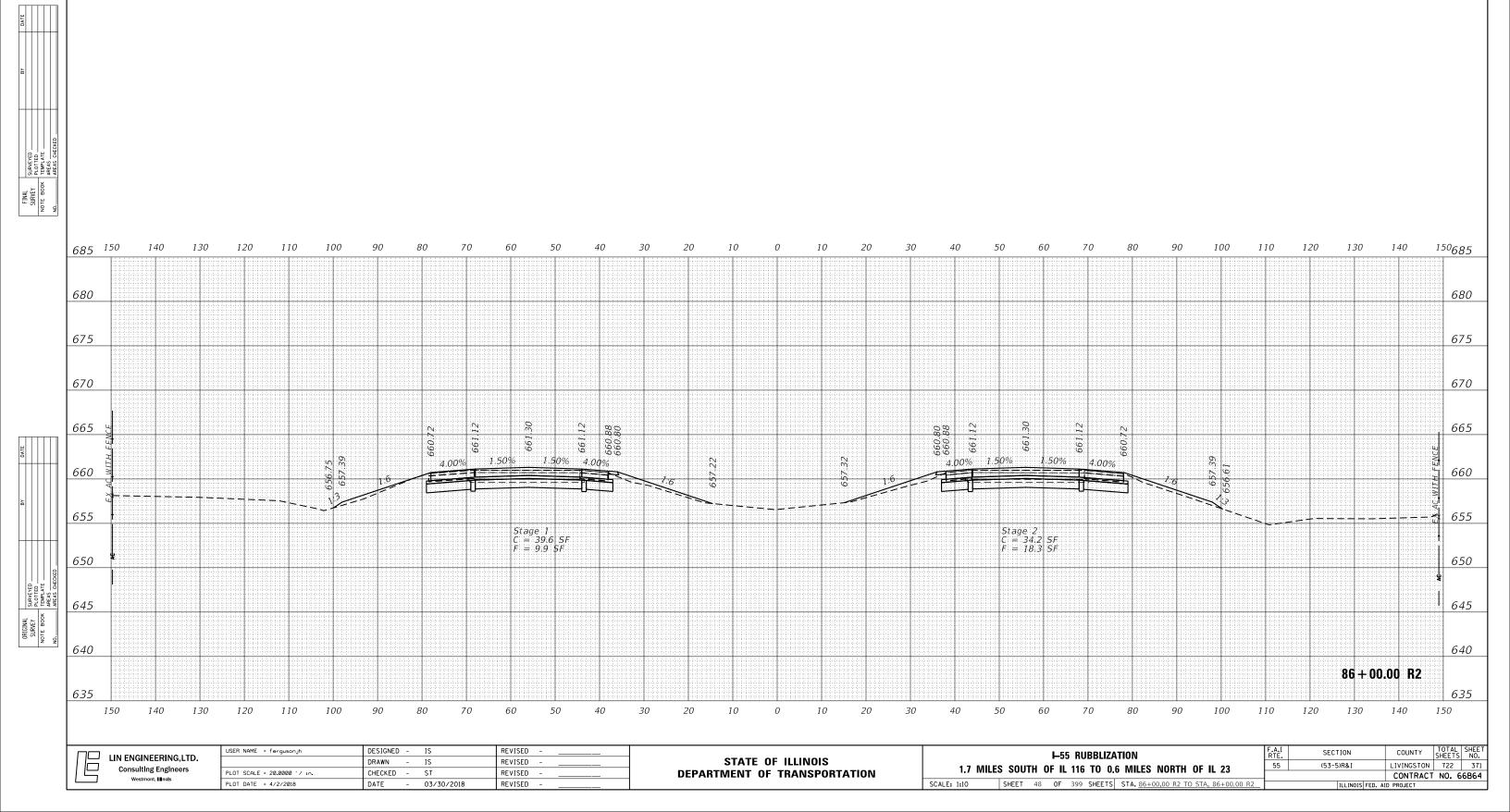


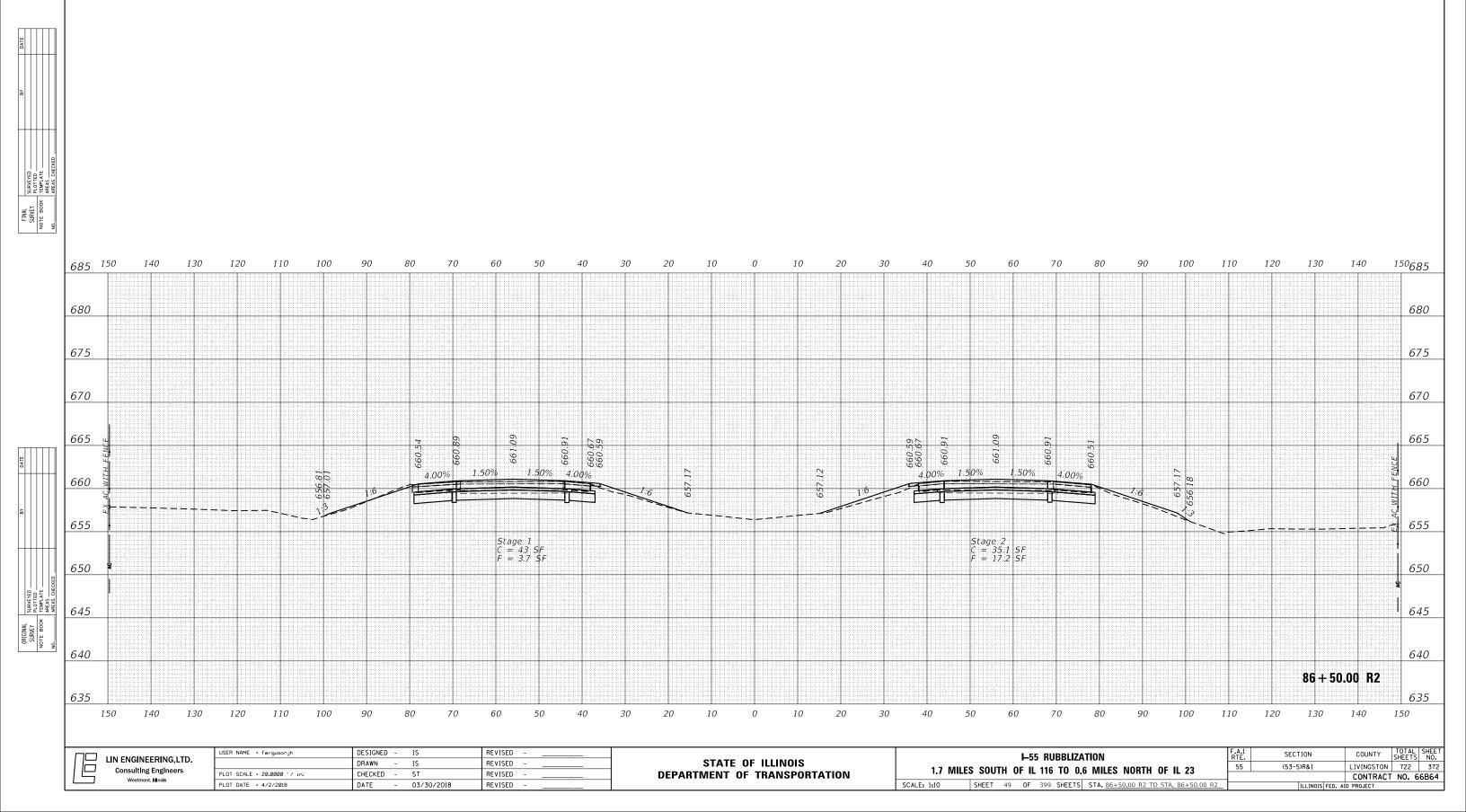


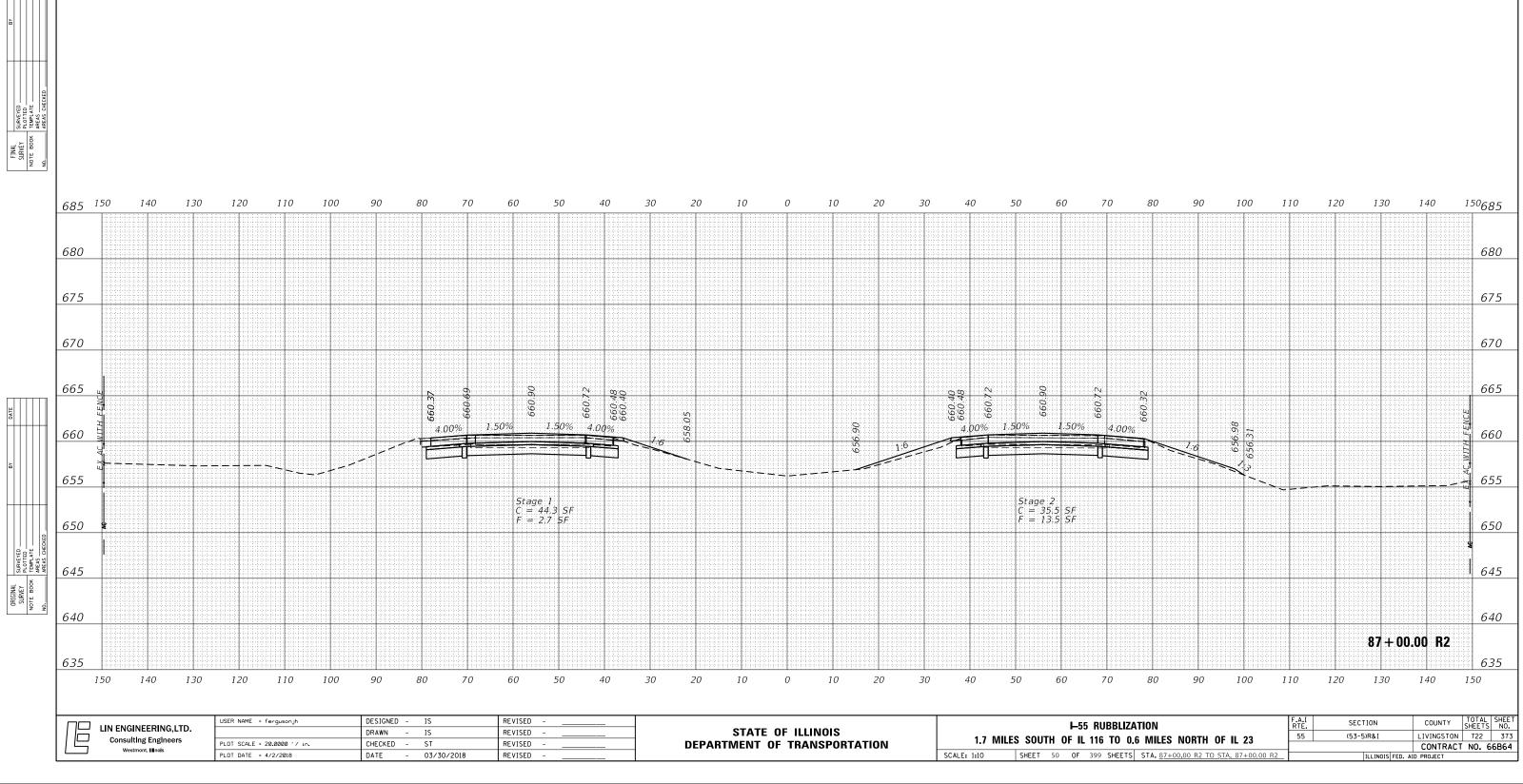




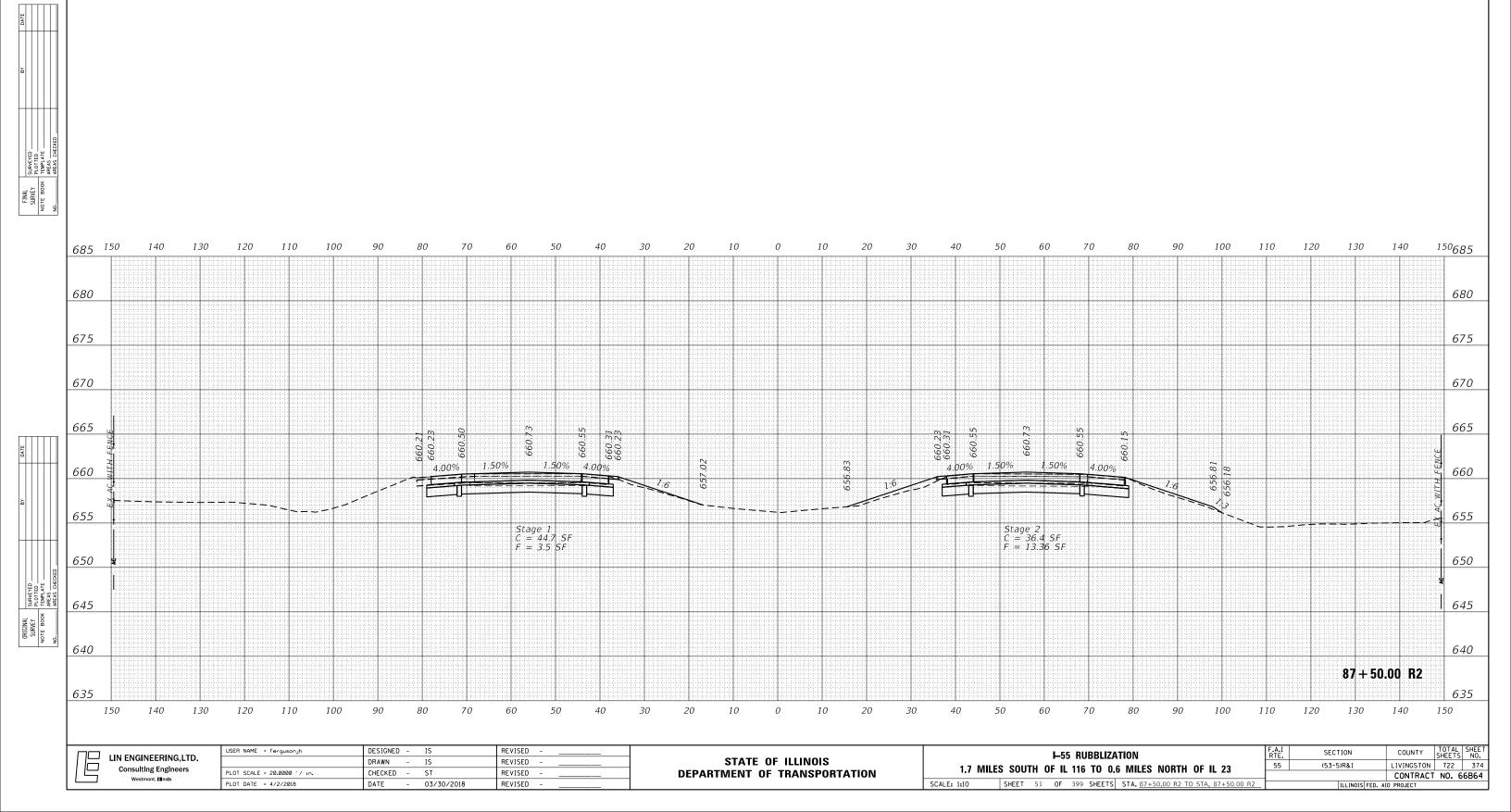


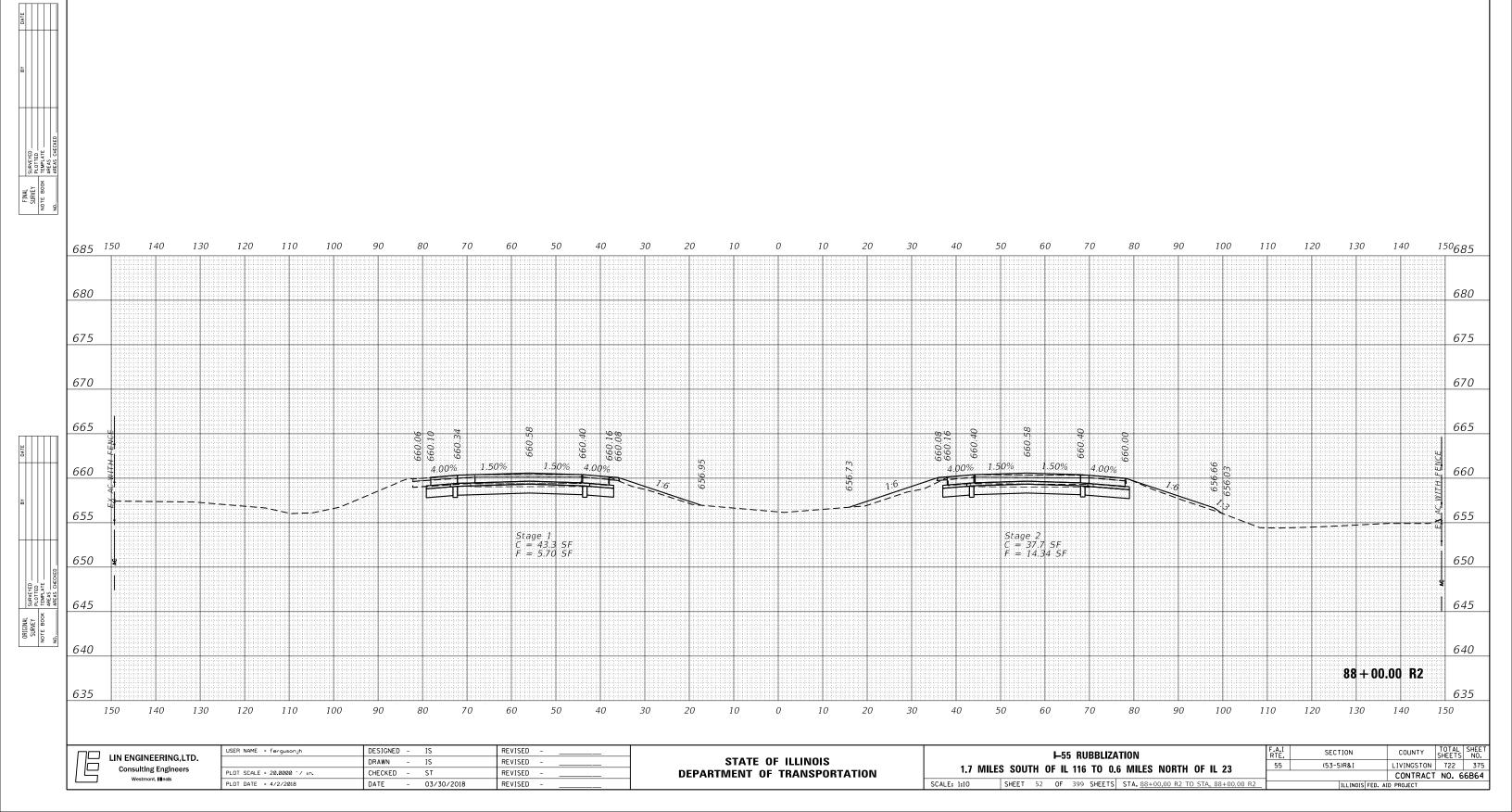


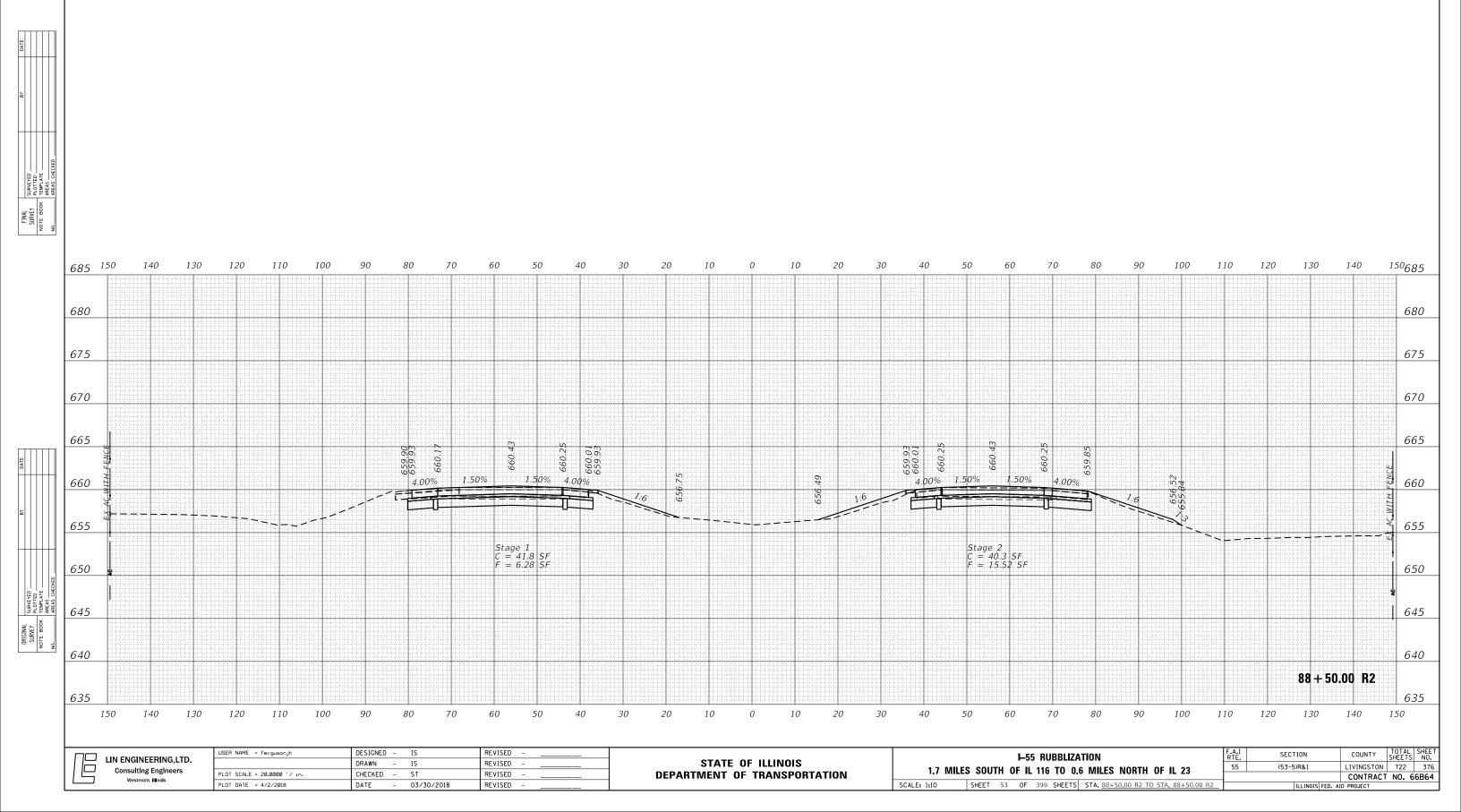


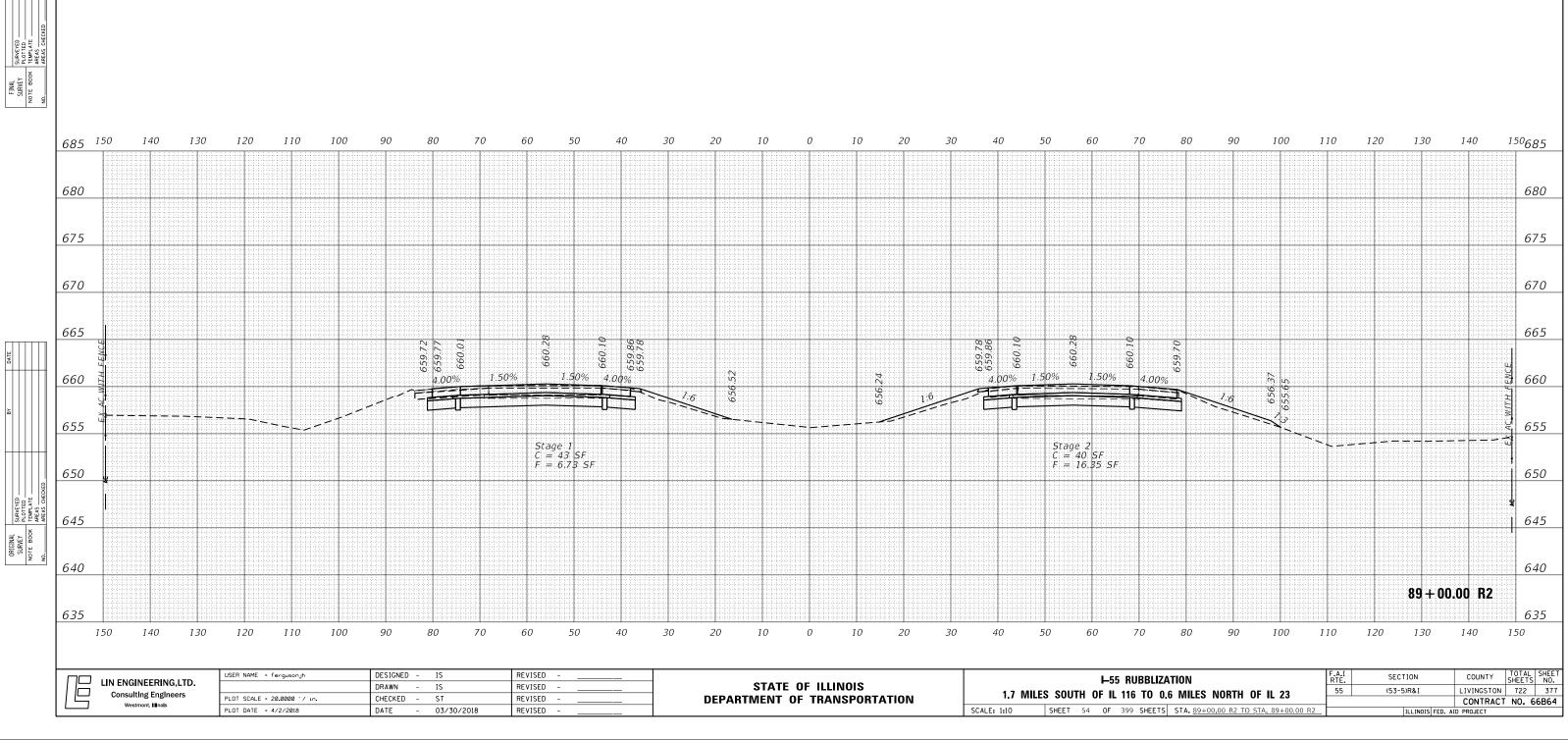


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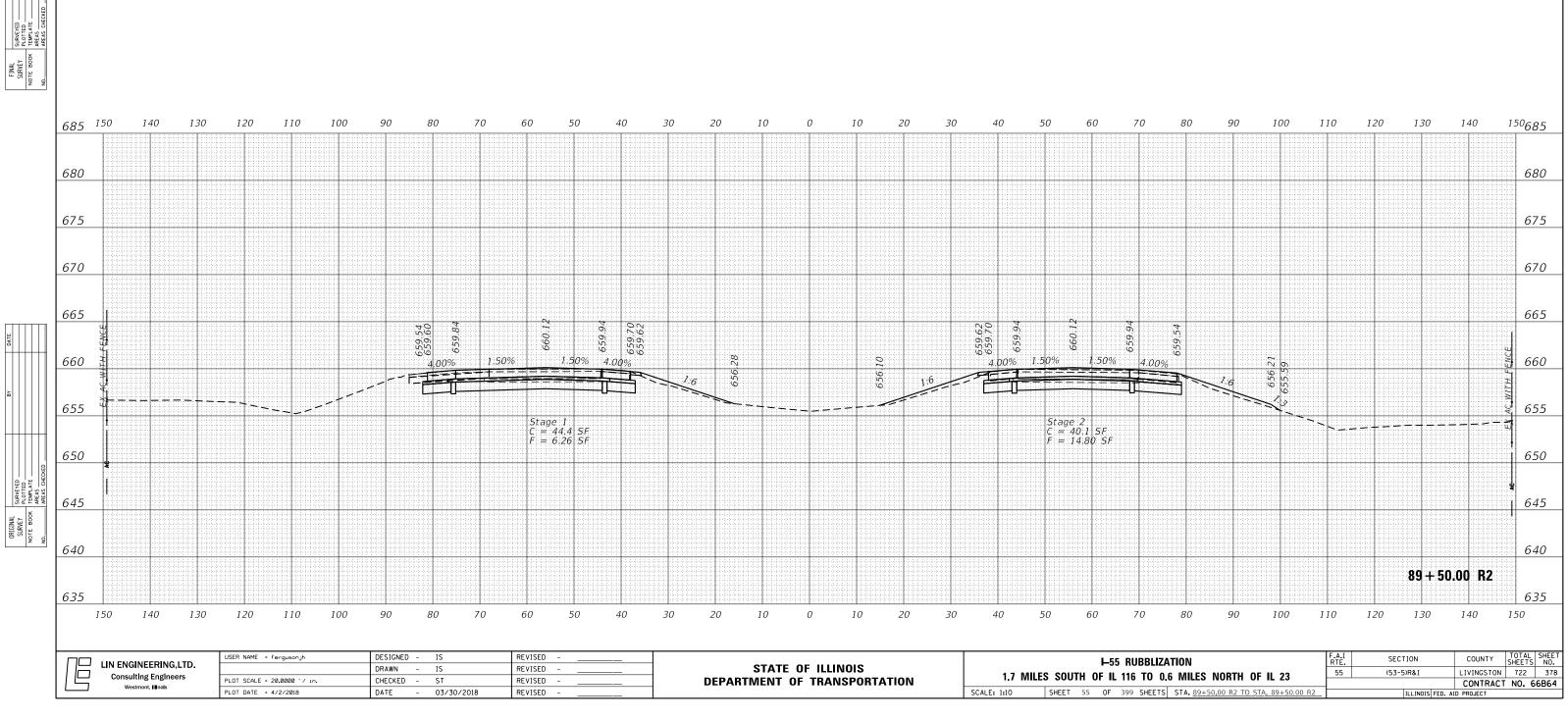




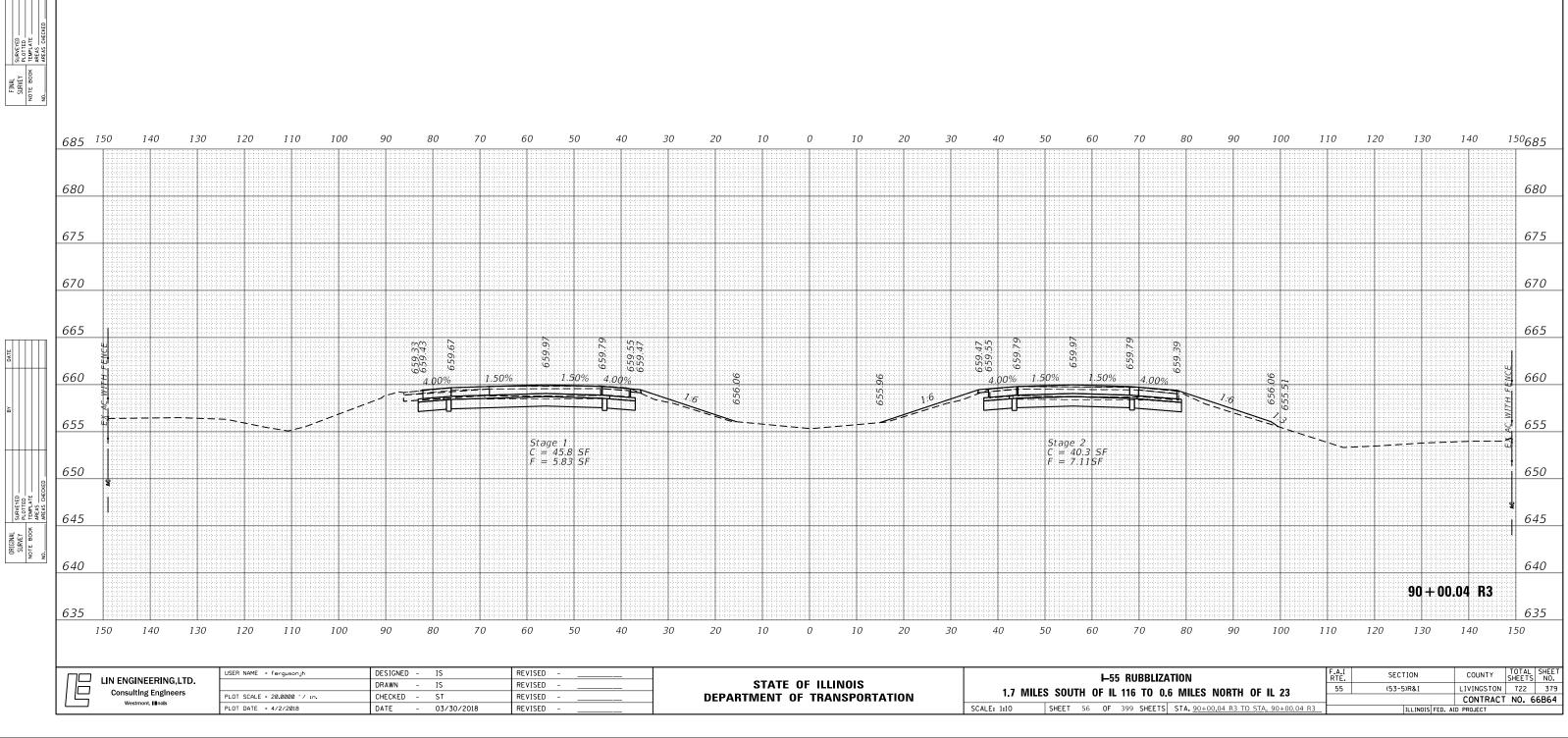




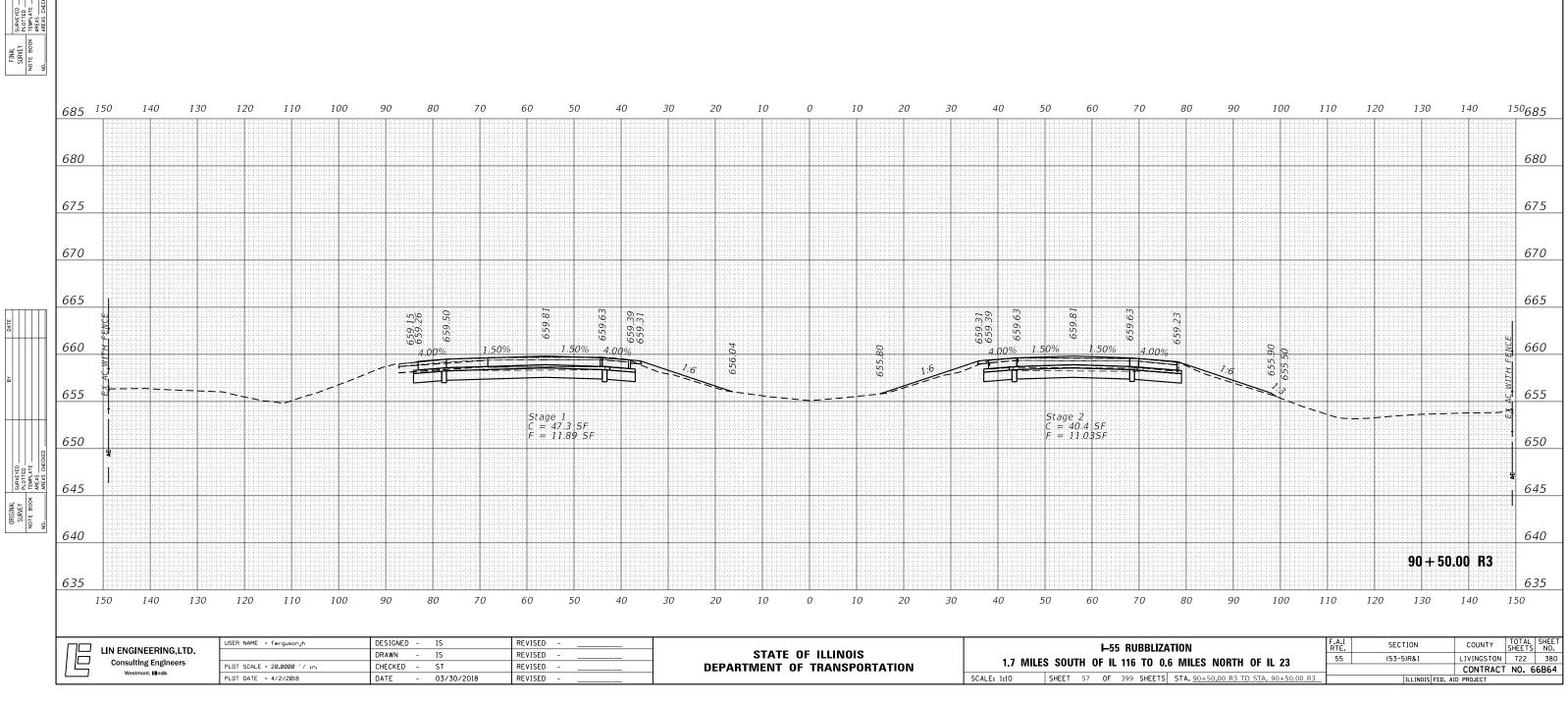
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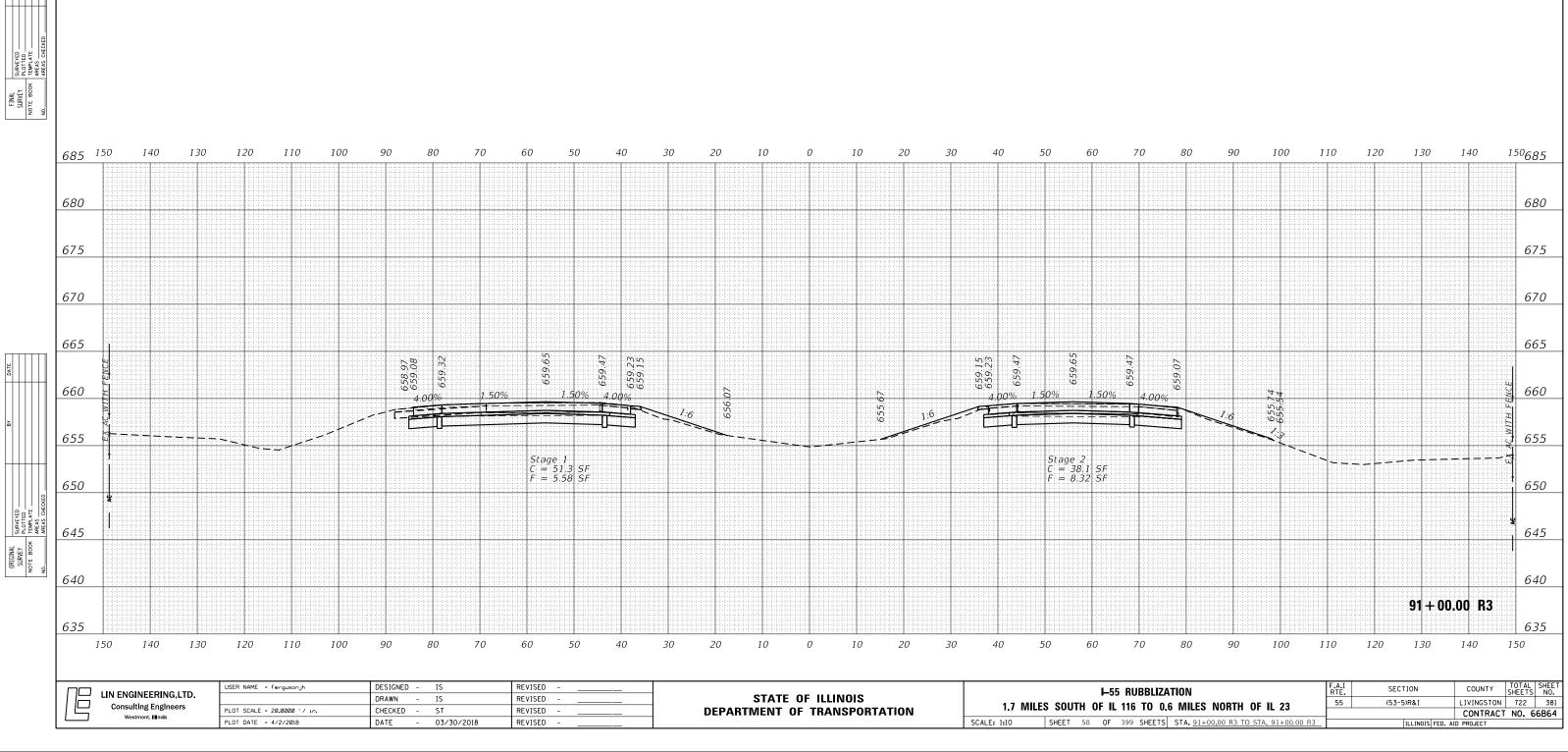
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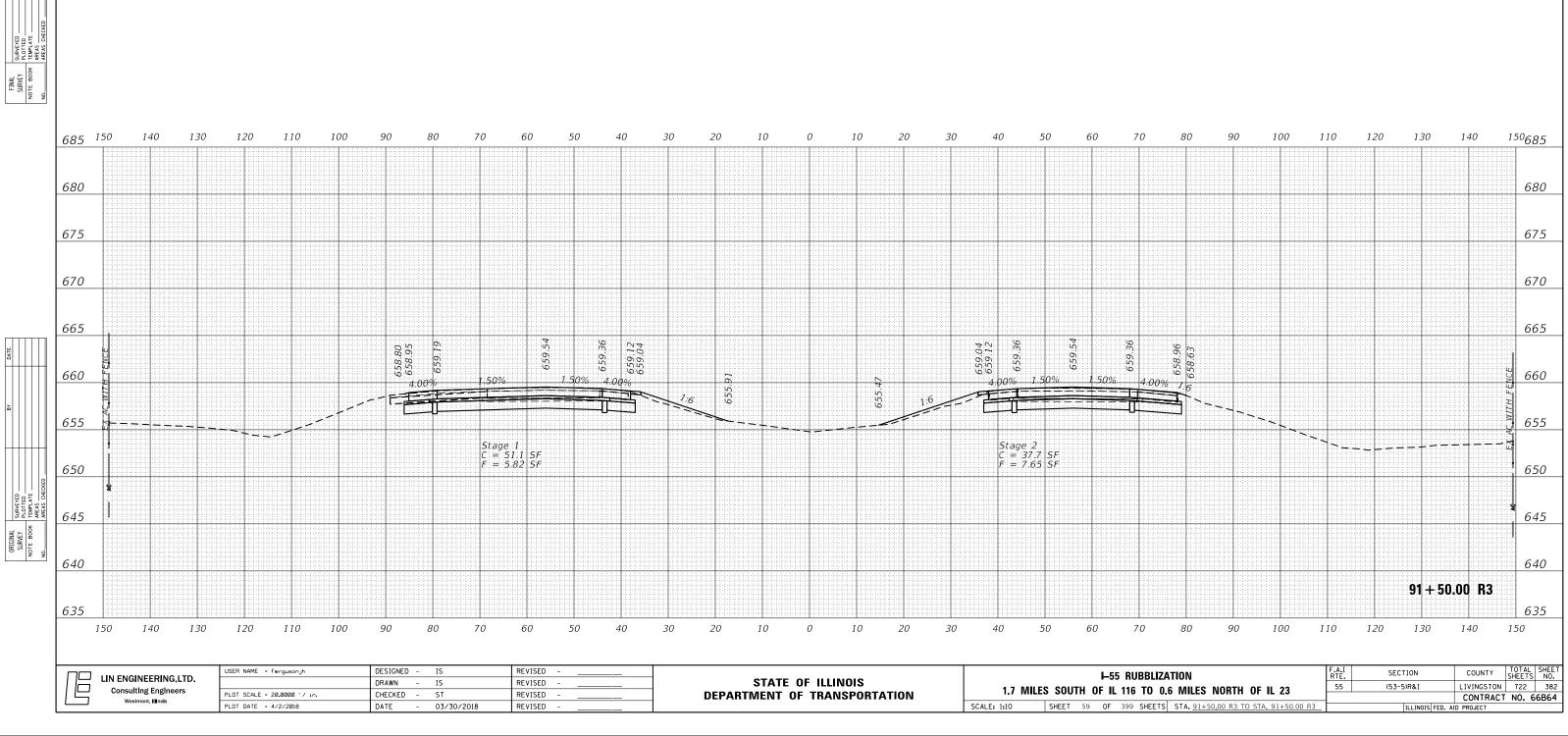
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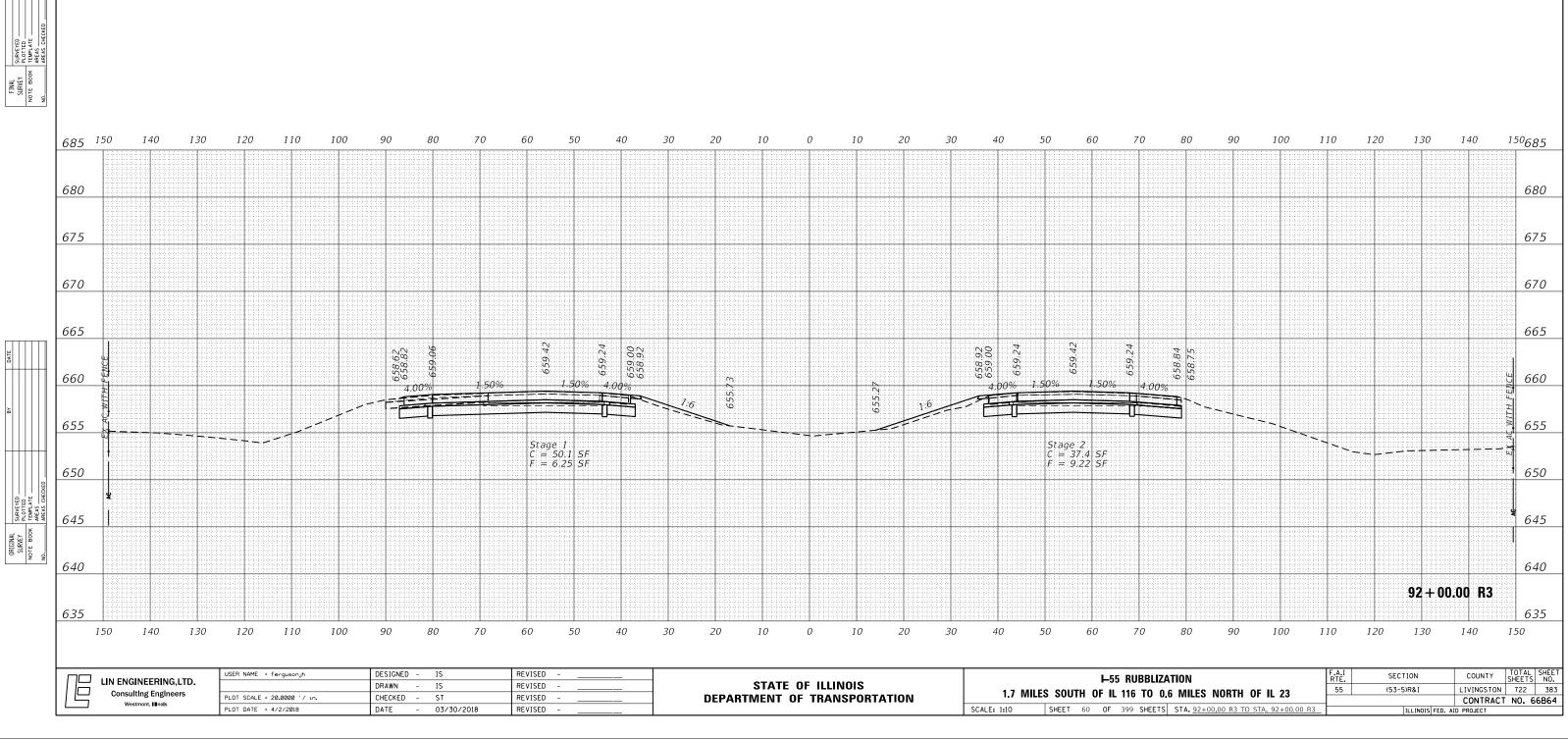
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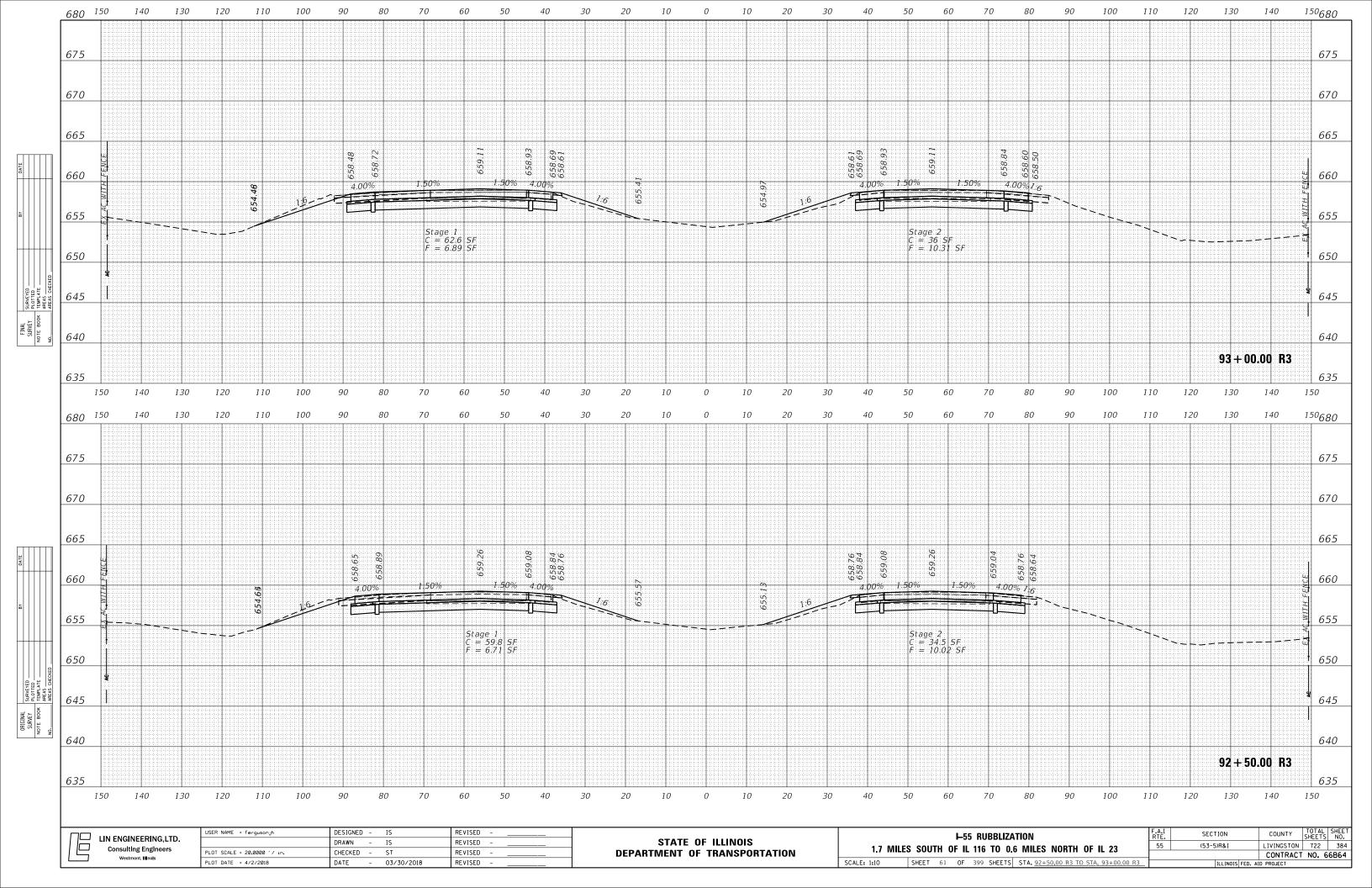


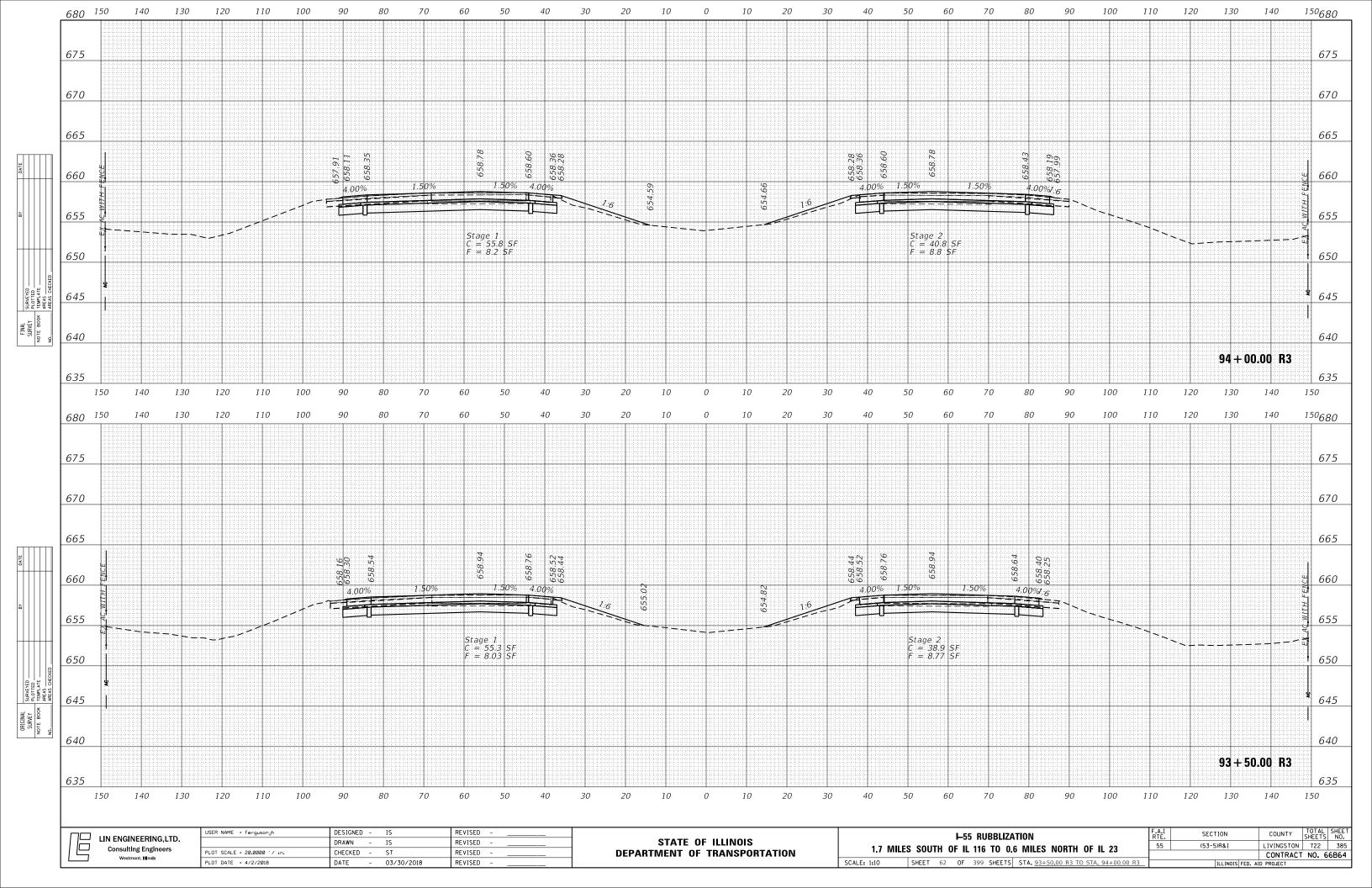
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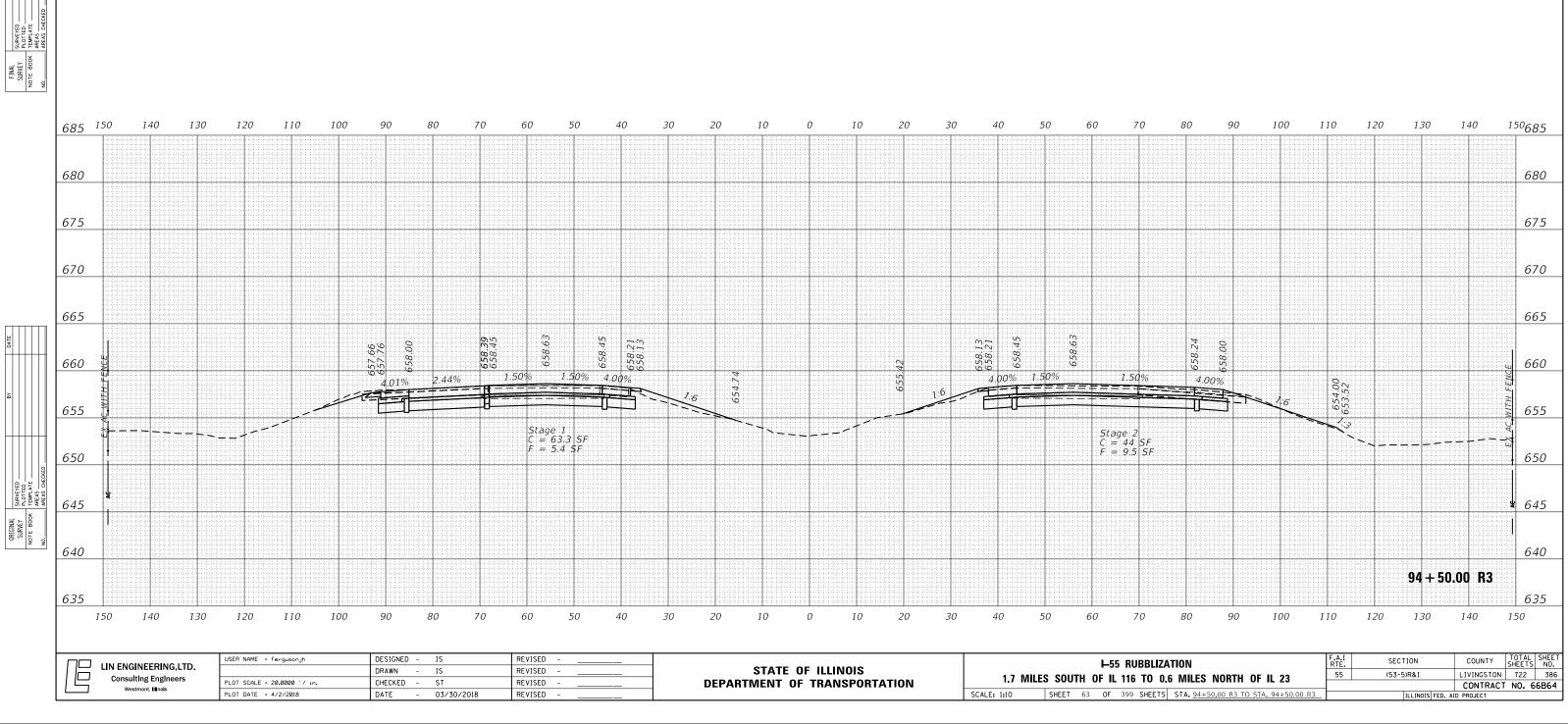
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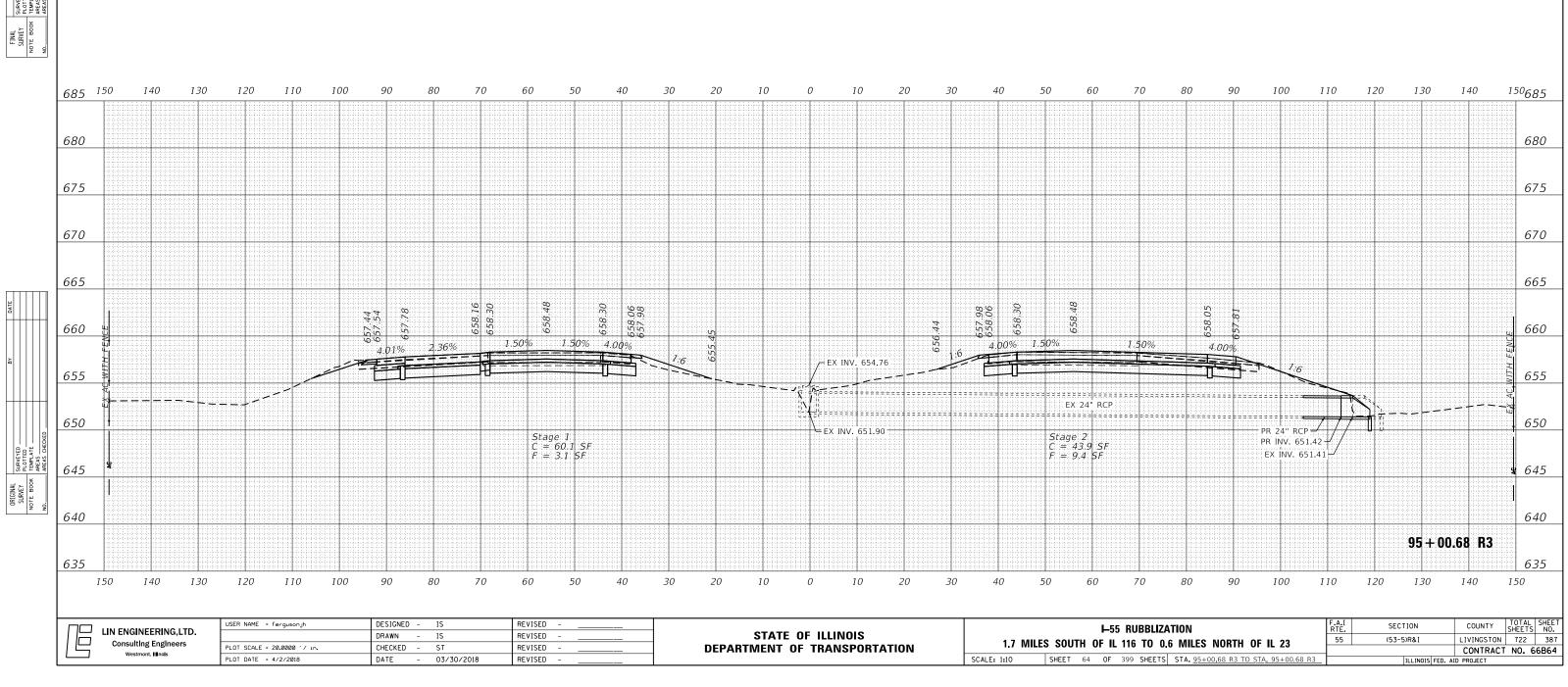
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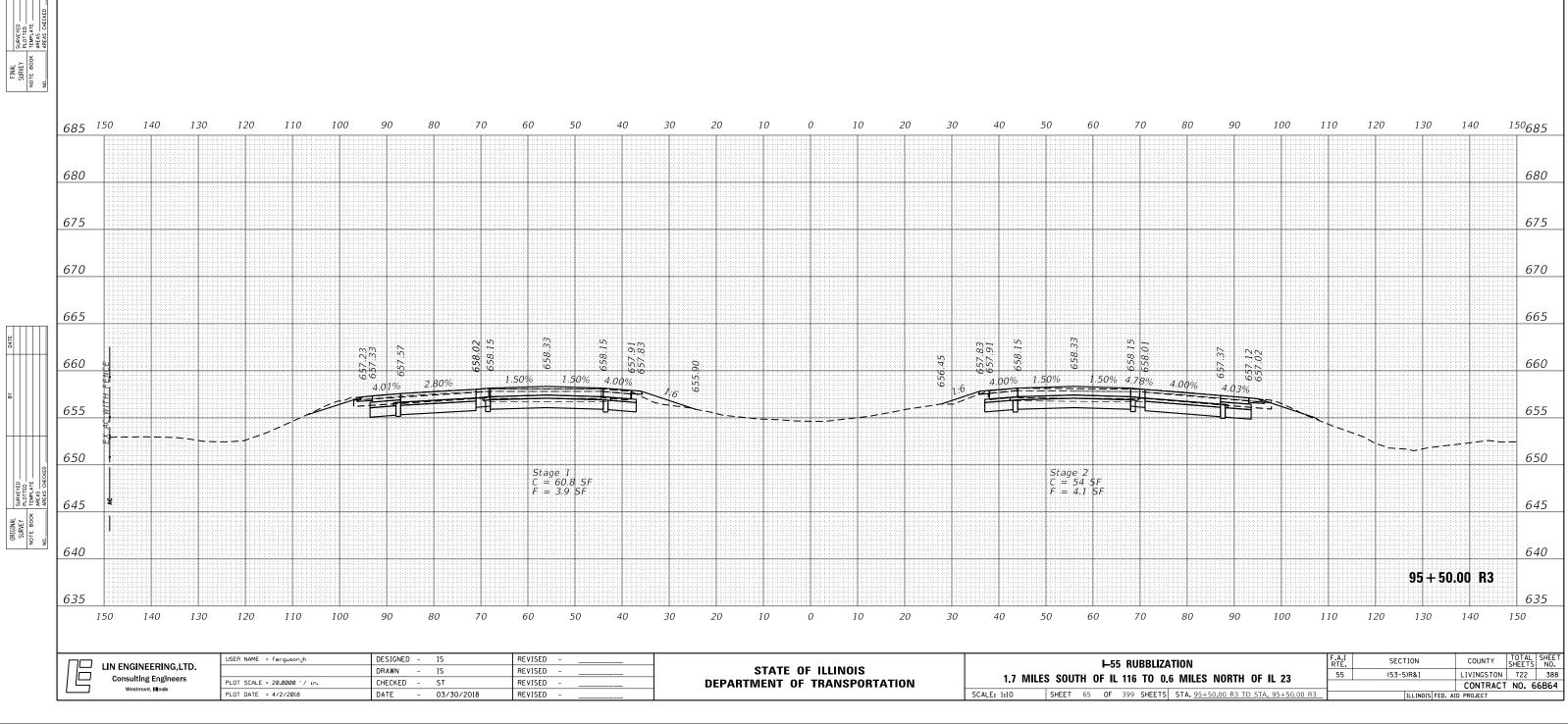




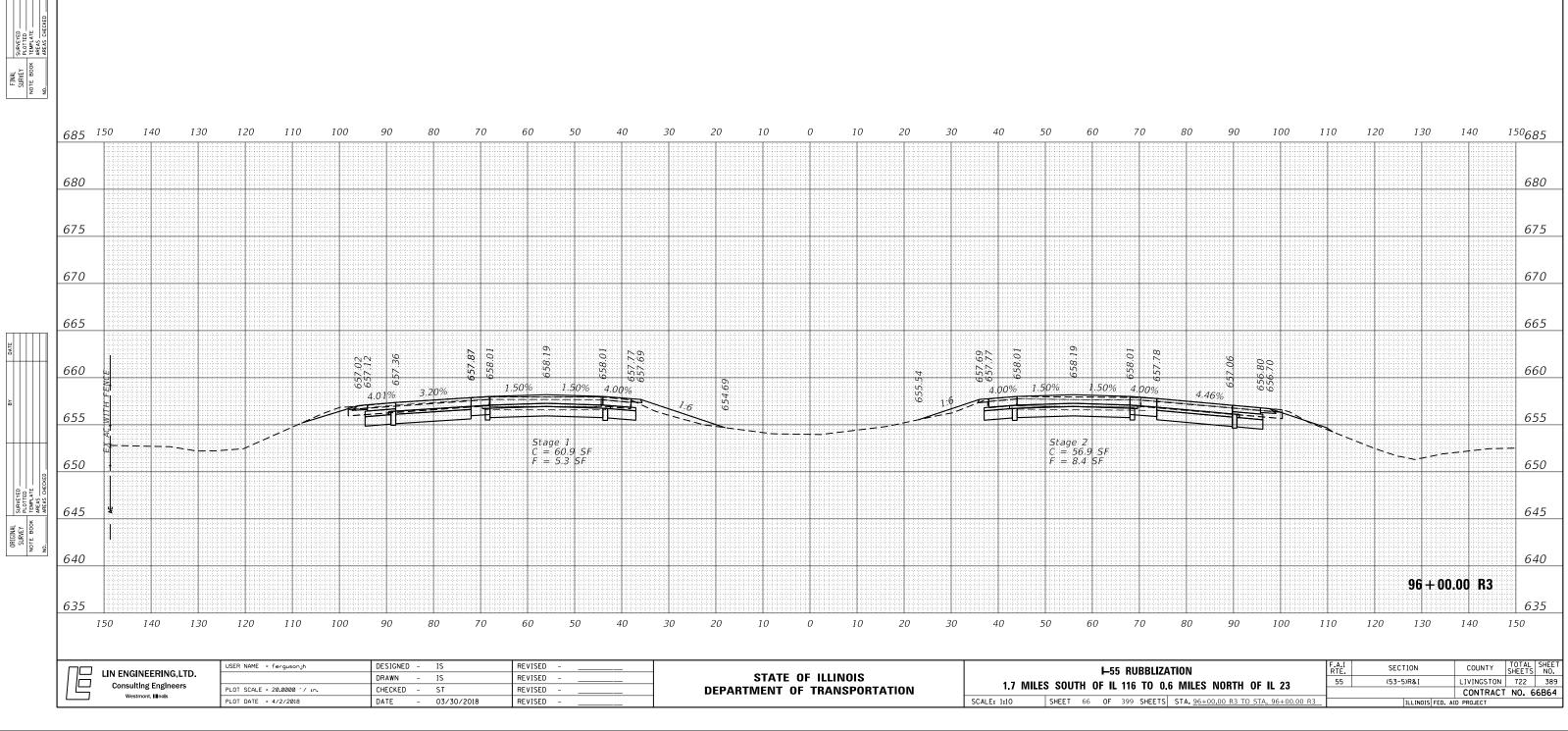
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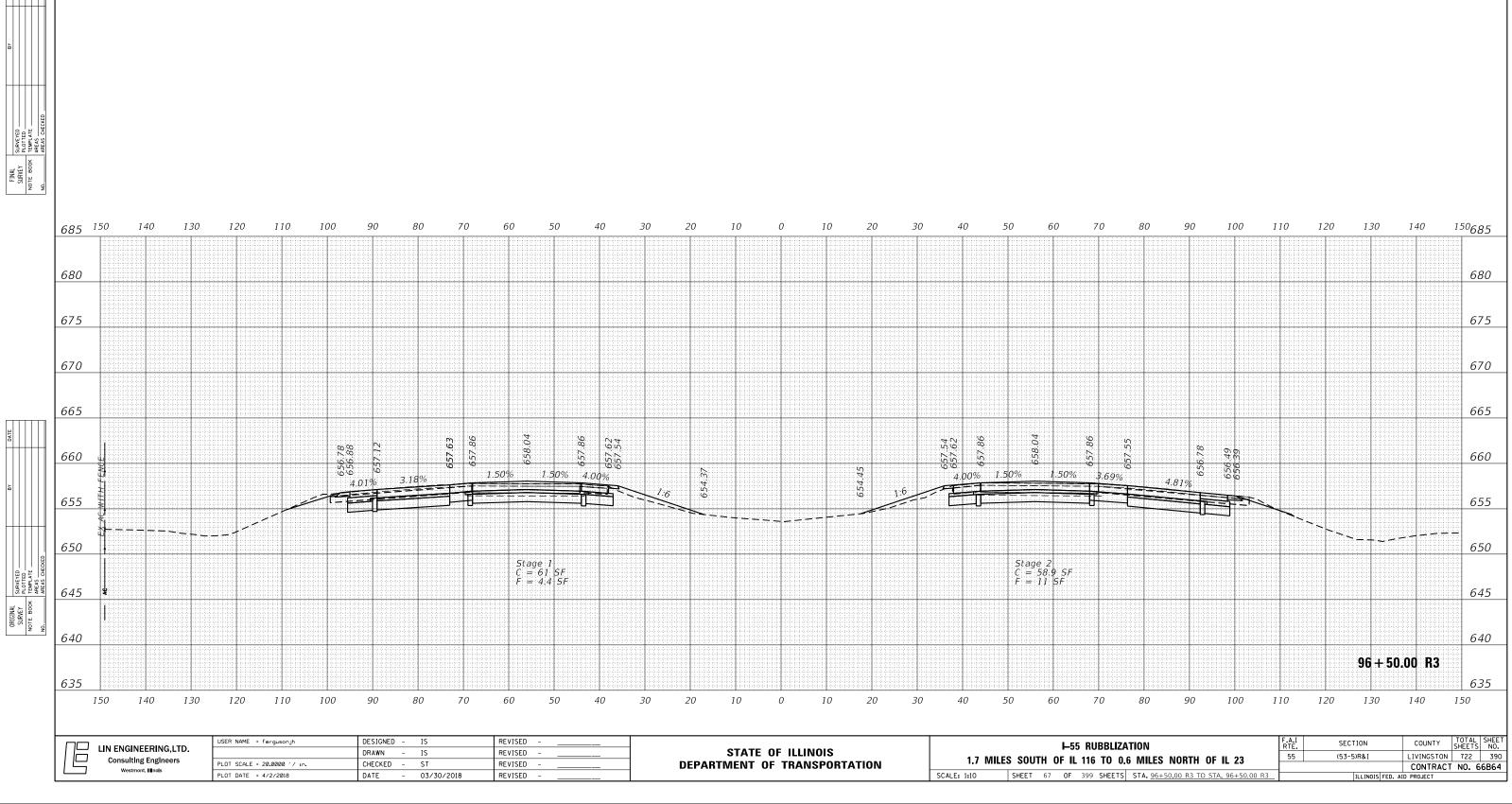
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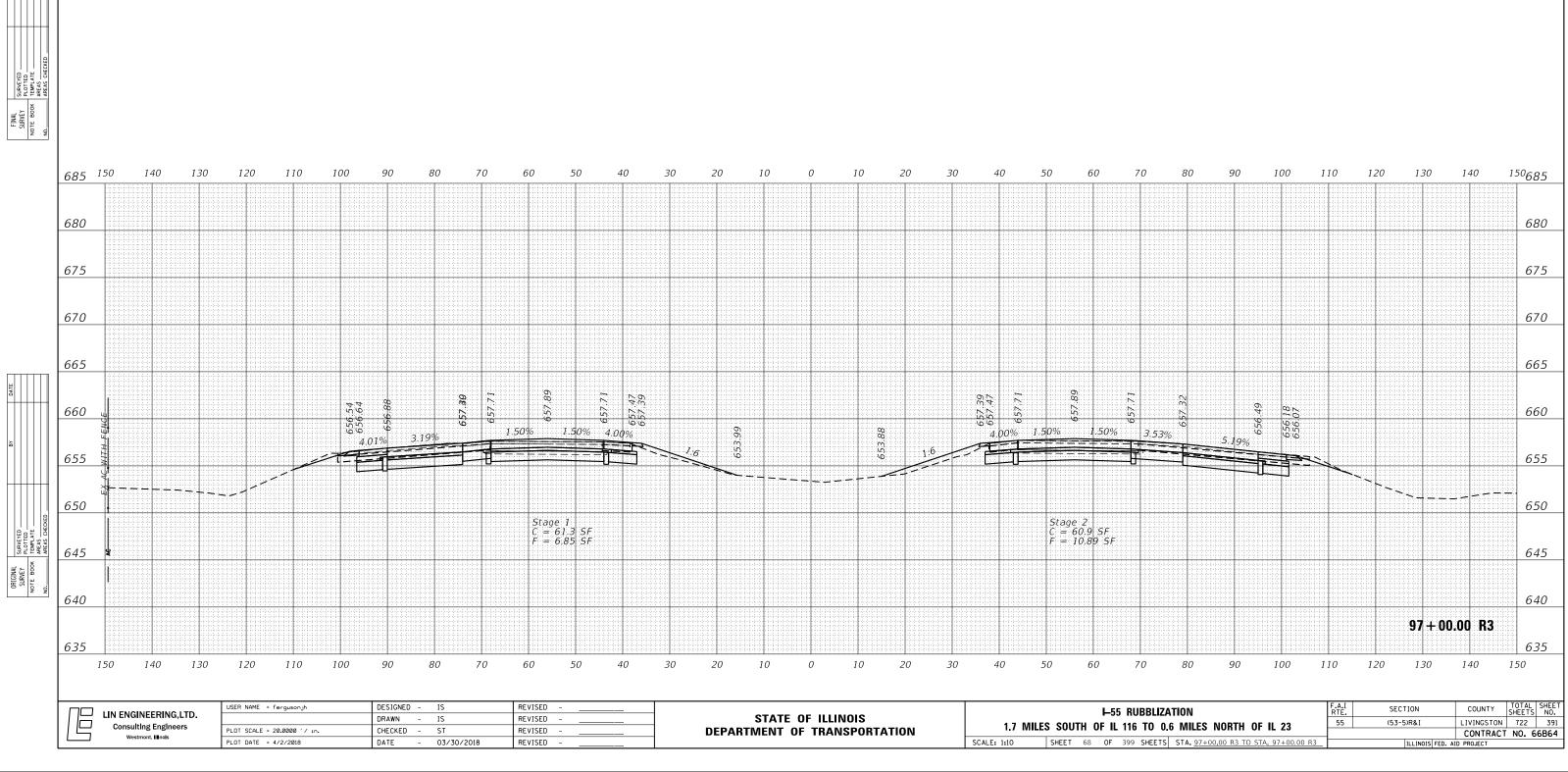
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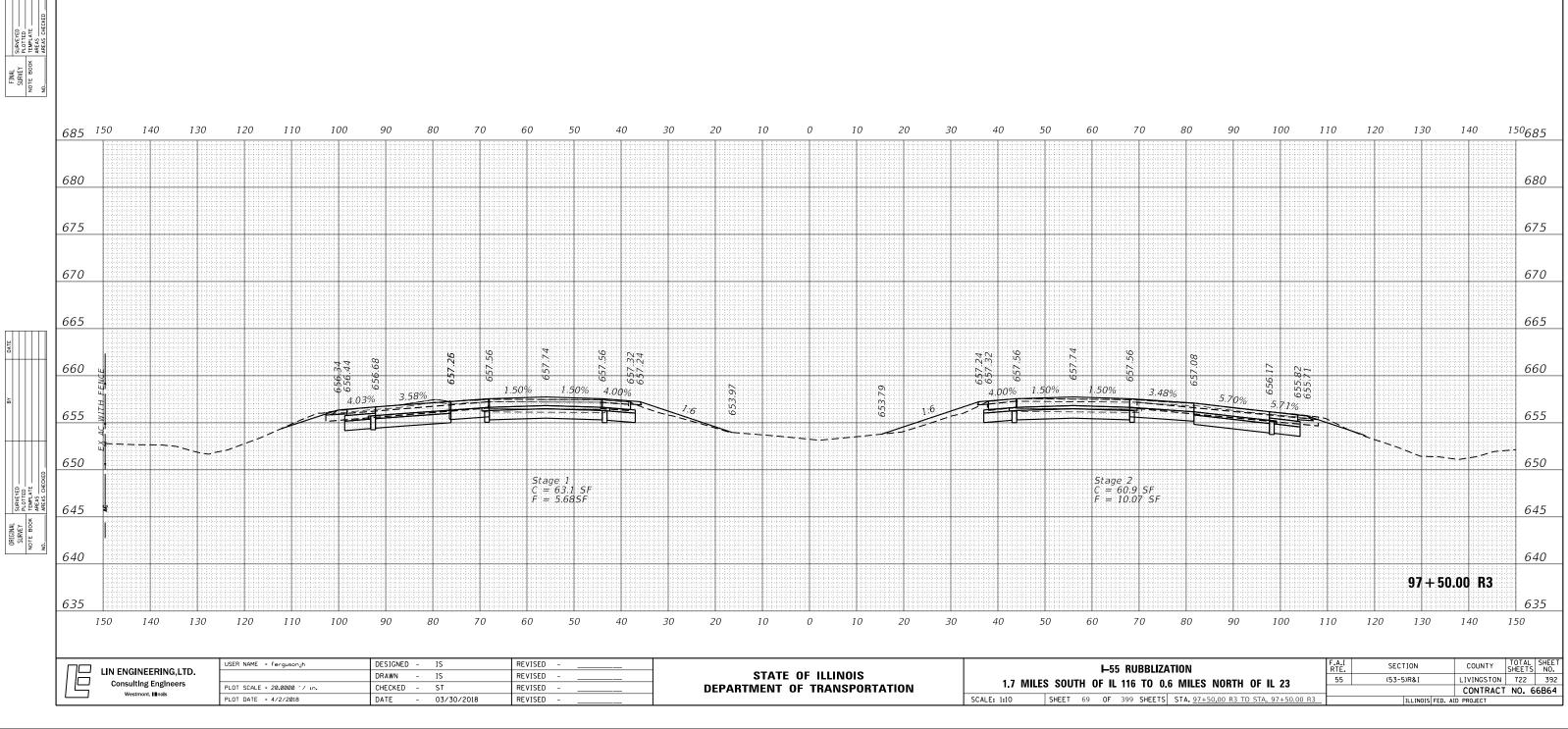
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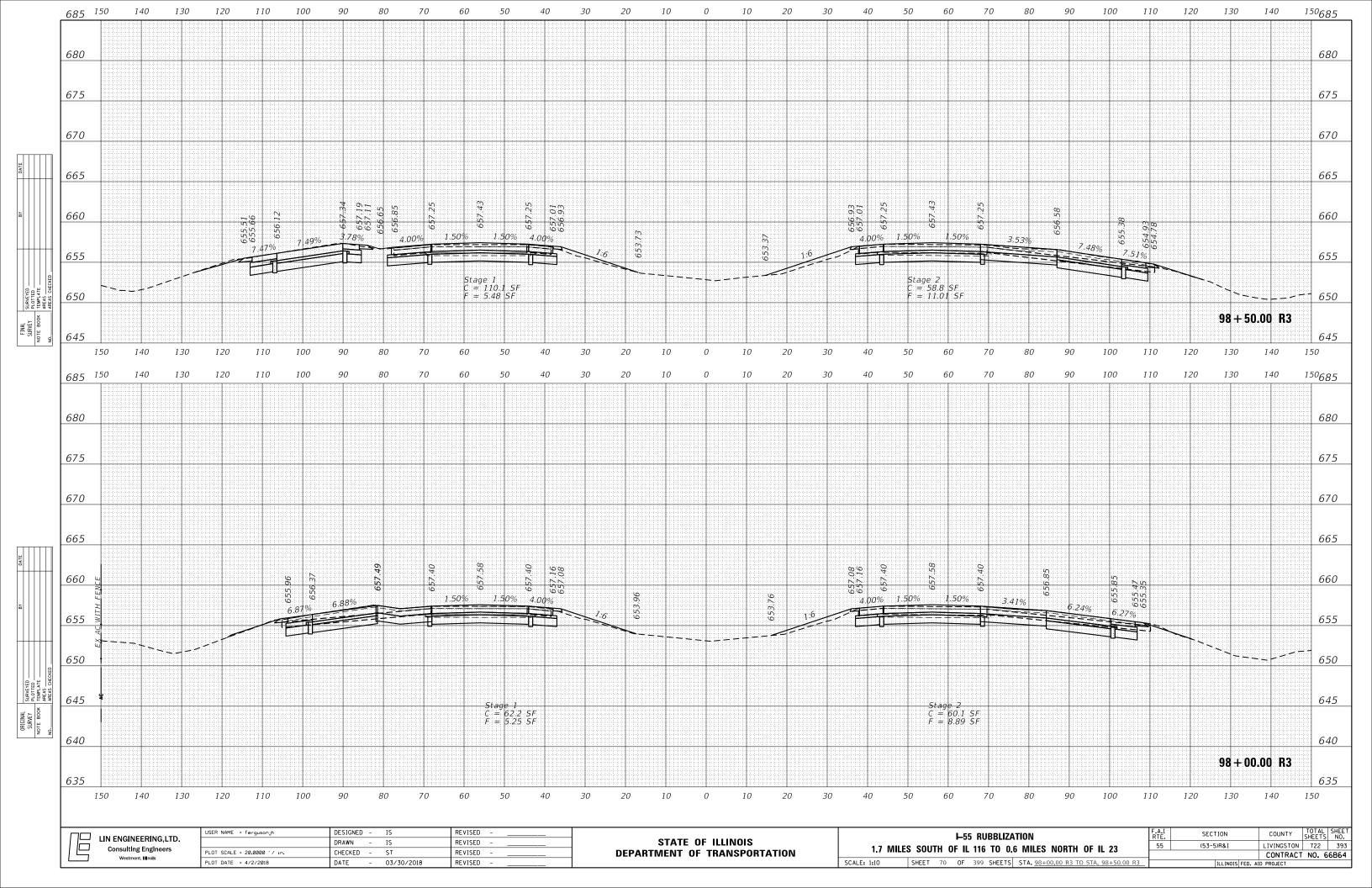
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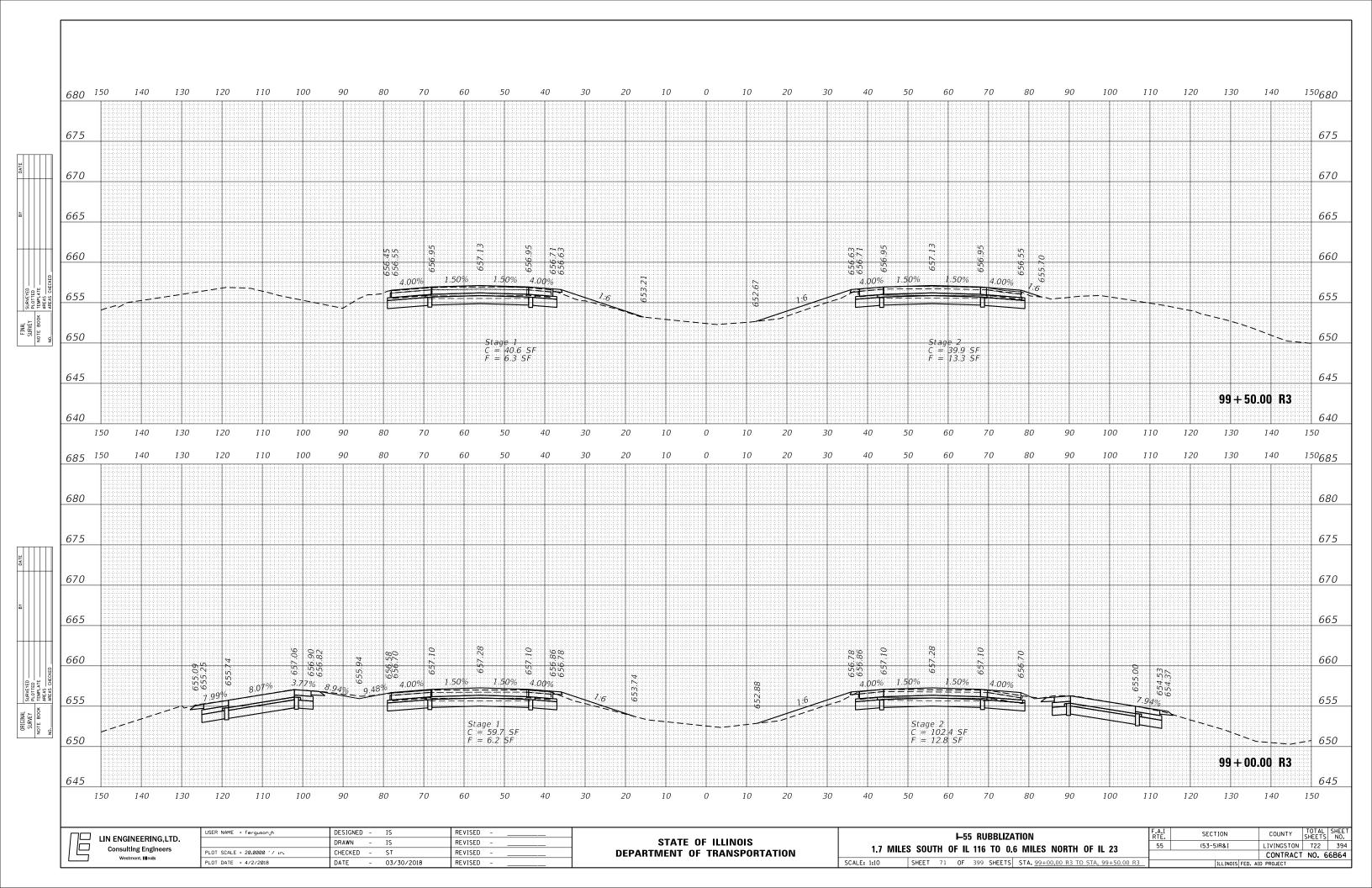


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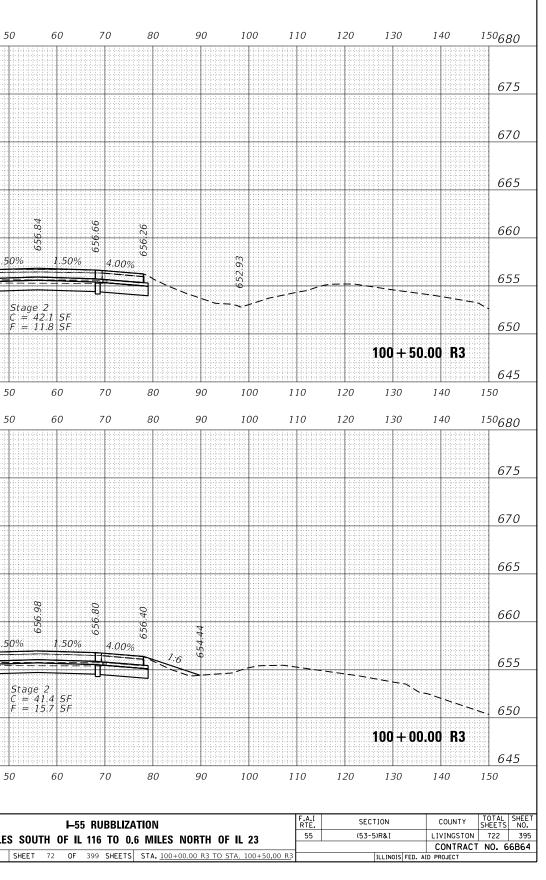


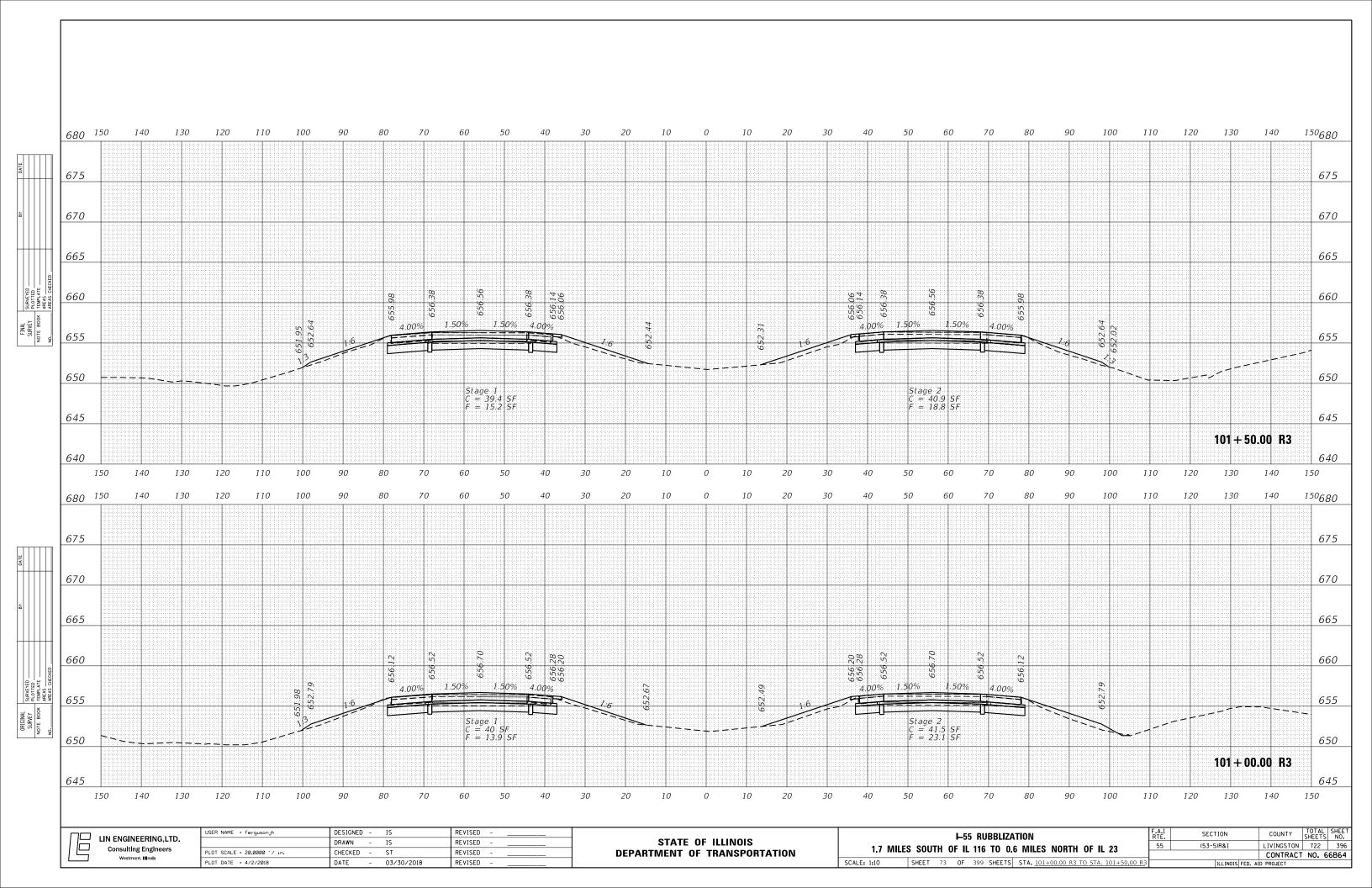
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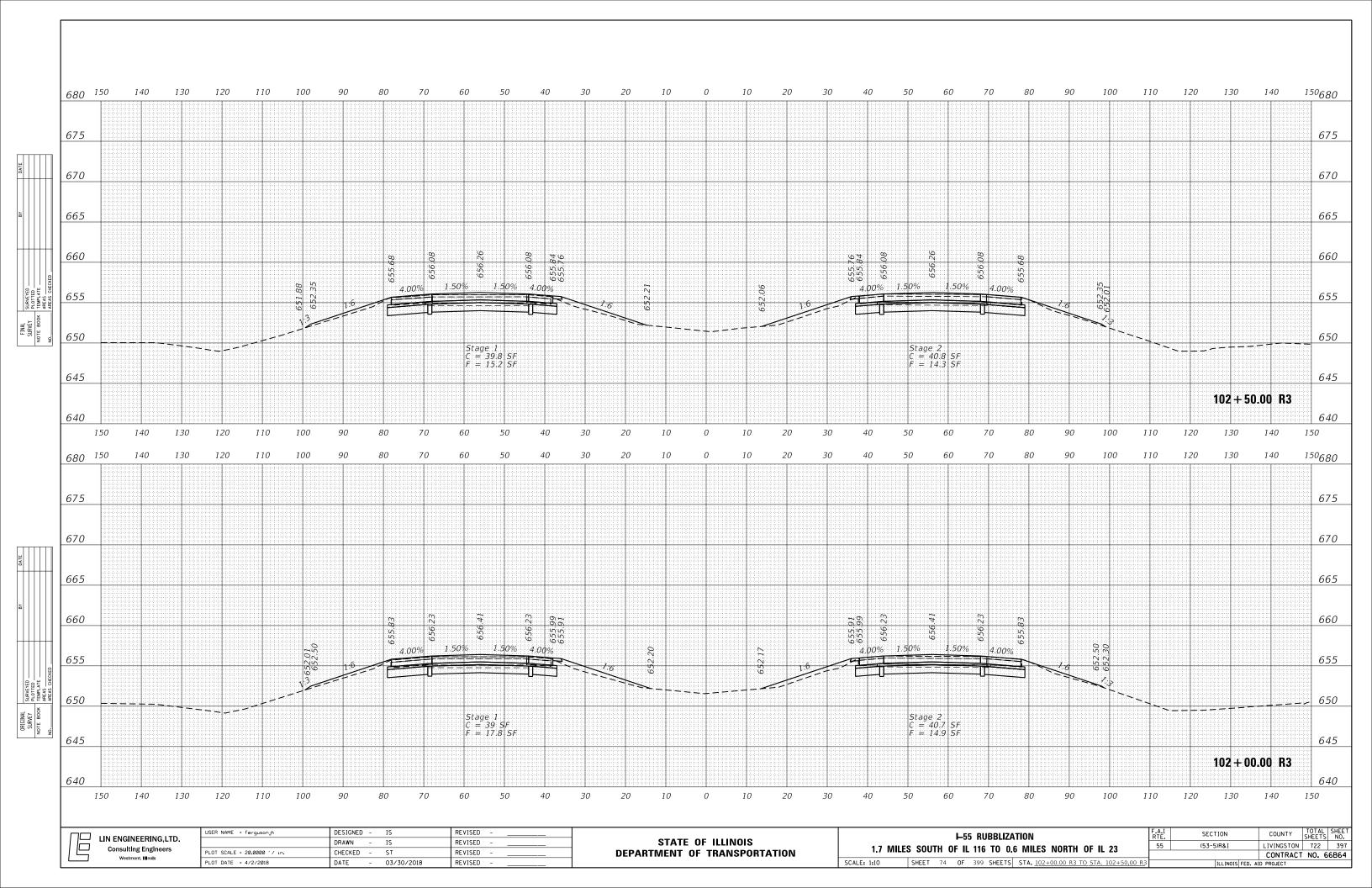


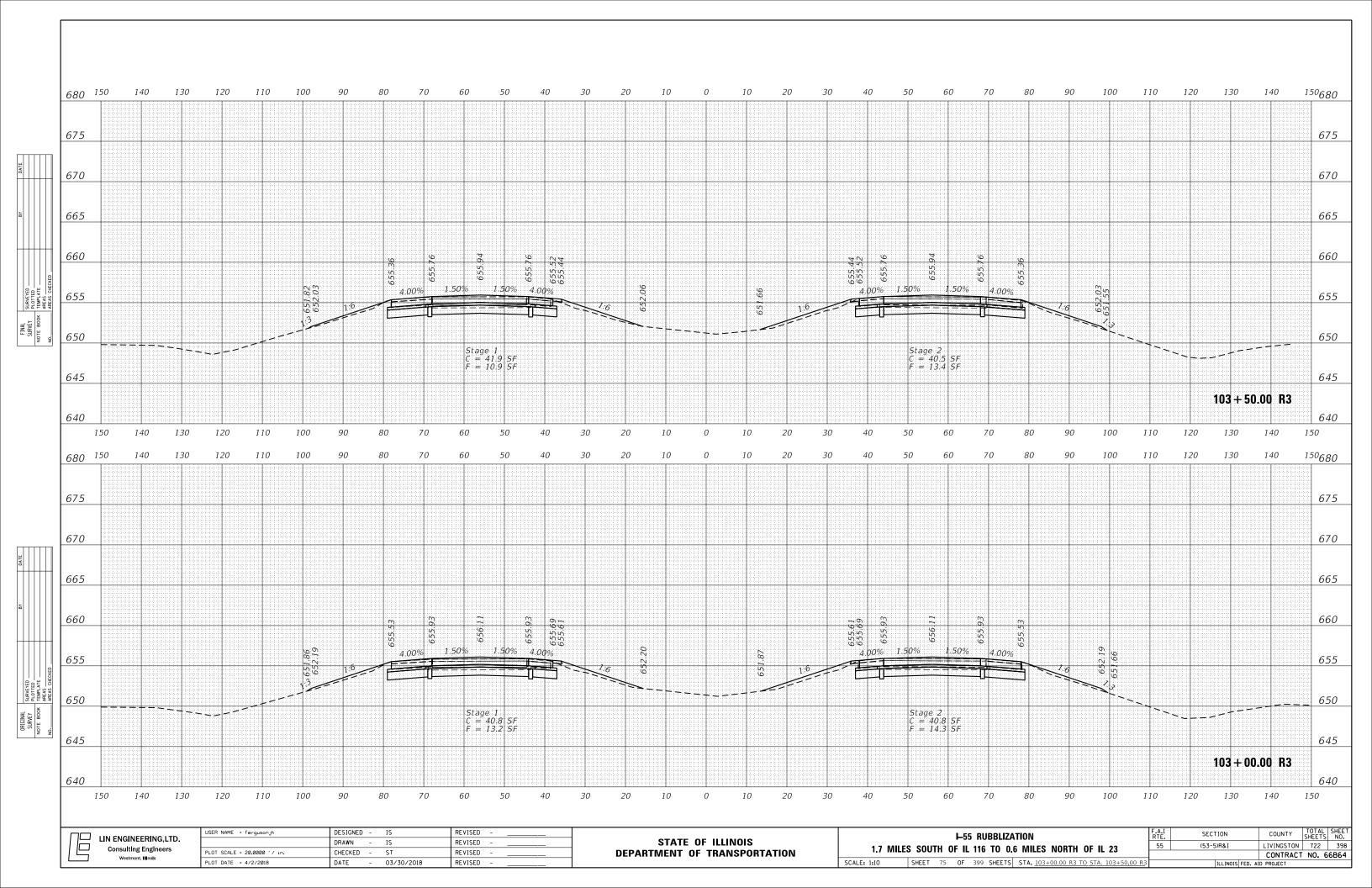


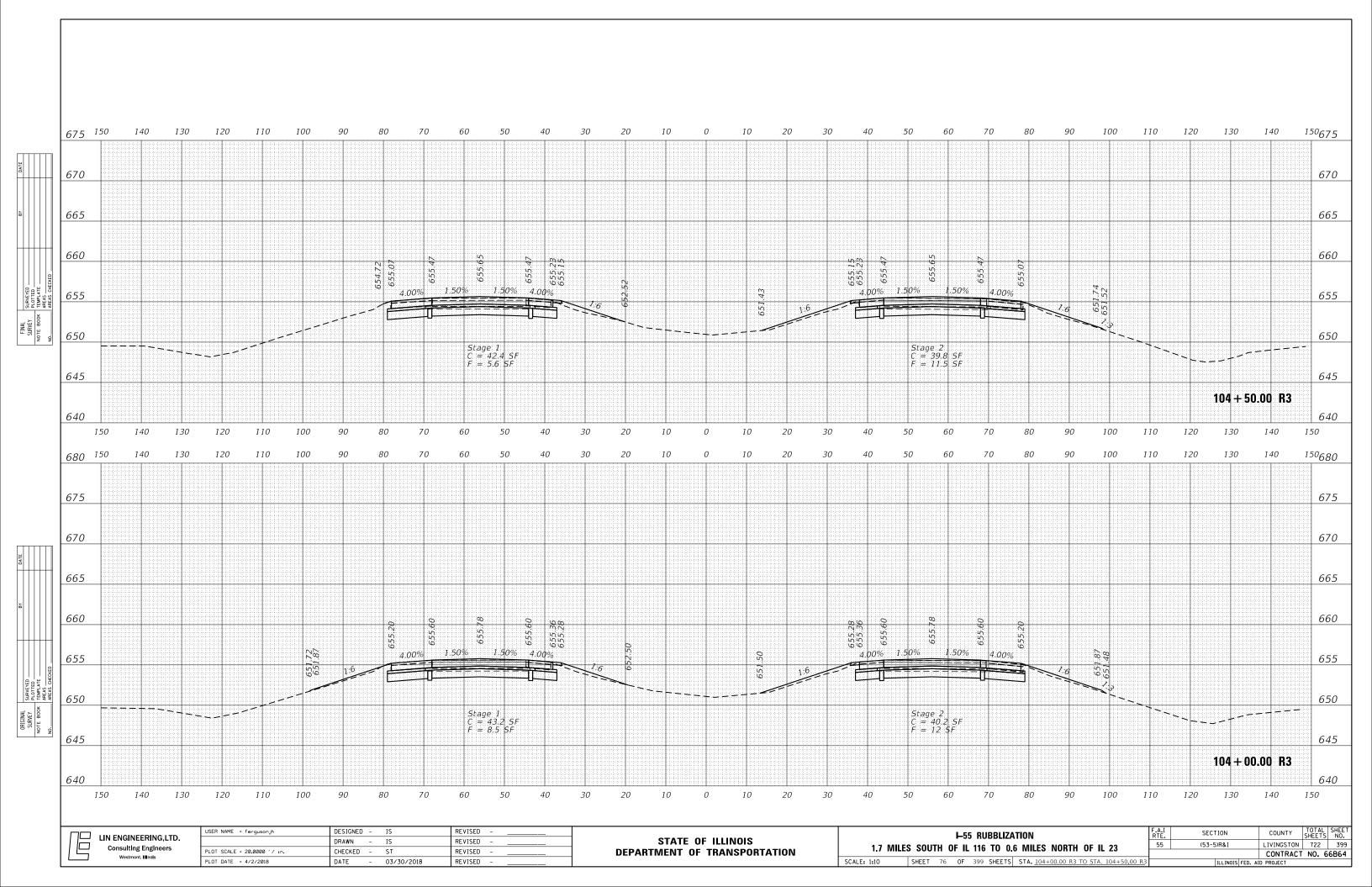
DATE <u>680</u> ¹⁵⁰ FINAL SURVEY PLOTTED NOTE BOOK REAS NO._____AREAS CHECKED 42 656. 959 4.00% 1.50% 656. 656. 656. 656. 2.08 52.93 1.50% 4.00% 1.50% 1.50% 652.87 4.00% 652.61 4.00% Stage 2 C = 42.1 SF F = 11.8 SF Stage 1 C = 40.2 SF F = 13.5 SF 680 ¹⁵⁰ DATE $56 \\ 48$ 4,00% 1.50% 656 ORIGINAL SURVEY NOTE BOOK NOTE BOOK AREAS NO. AREAS OHEC 552.37 553.07 1.50% 1.50% 4.00% 653.07 1.50% 4.00% 652.64 4.00% Stage 2 C = 41.4 SF F = 15.7 SF Stage 1 C = 40.5 SF F = 13.2 SF USER NAME = fergusonjh DESIGNED -REVISED IS LIN ENGINEERING, LTD. Consulting Engineers Westmont, Illinois **►**55 RUBBLIZATION STATE OF ILLINOIS DRAWN - IS REVISED 1,7 MILES SOUTH OF IL 116 TO 0.6 MILES NORTH OF IL 23 PLOT SCALE = 20.0000 '/ in. CHECKED – ST REVISED **DEPARTMENT OF TRANSPORTATION** Westmont, III nois SCALE: 1:10 DATE - 03/30/2018 PLOT DATE = 4/2/2018 REVISED











DATE 675 ¹⁵⁰ FINAL SURVEY PLOTTED NOTE BOOK REAS NO._____AREAS CHECKED 655.28 655.04 654.96 655.24 654.96 655.04 655.26 654.88 655. 655. 655. 651.55 1.50% 4.00% 4.00% 1.50% 1.50% 1.50% 4.00% 4.00% E 1:6 Stage 1 C = 37.3 SF F = 16.1 SF Stage 2 C = 36.4 SF F = 16.2 SF 675 ¹⁵⁰ DATE 655.55 655.05 655.13 655.37 655.13 655.05 655.37 655.5 655.3 1.50% 4.00% 1.50% 4.00% 1.50% 1.50% 4.00% 4.00% -----1:6 1.2.2 ORIGINAL SURVEY NOTE BOOK AREAS NO. AREAS CHEC Stage 1 C = 41.5 SF F = 7 SF Stage 2 C = 38.6 SF F = 11.8 SF DESIGNED -REVISED USER NAME = fergusonjh IS LIN ENGINEERING,LTD. Consulting Engineers Westmont, Illinois **►**55 RUBBLIZATION STATE OF ILLINOIS DRAWN - IS REVISED 1,7 MILES SOUTH OF IL 116 TO 0.6 MILES NORTH OF IL 23 PLOT SCALE = 20.0000 '/ in. CHECKED – ST REVISED **DEPARTMENT OF TRANSPORTATION** Westmont, III nois SCALE: 1:10 PLOT DATE = 4/2/2018 DATE - 03/30/2018 REVISED

