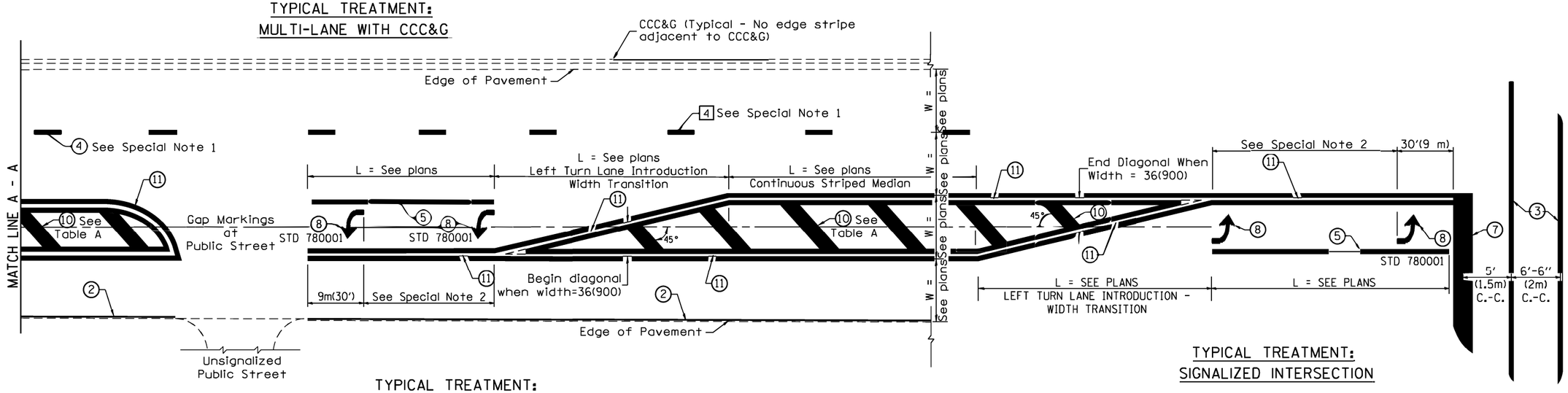


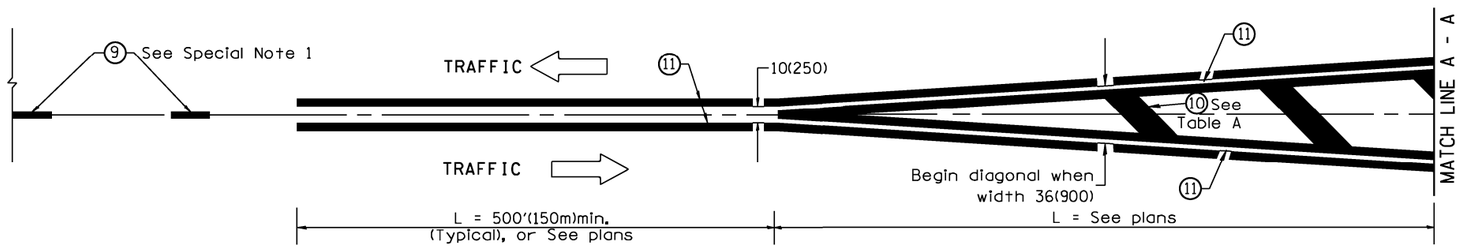
TYPICAL MEDIAN TRANSITIONS

FLUSH PAVED MEDIAN: RESTRICTED LEFT TURN LANE

TABLE A

RECOMMENDED SPACING BETWEEN DIAGONAL LINES

SPEED LIMIT RANGE	CONTINUOUS	INTERSECTION CHANNELIZATION (Includes Width Transitions for Median and Left Turn Lane Introductions)
Less Than 30 mph (50 km/h)	50' (15m)	15' (5m)
30 - 45 mph (50 - 70 km/h)	75' (23m)	20' (6m)
Over 45 mph (70 km/h)	150' (46m)	30' (9m)



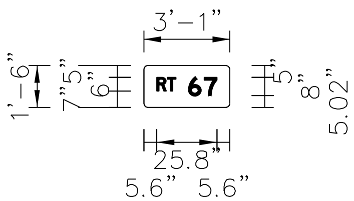
MEDIAN INTRODUCTION - WIDTH TRANSITIONS

All dimensions are in inches (millimeters) unless otherwise noted.

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL PAVEMENT MARKINGS	SHT. 2 OF 2
	NOT TO SCALE	CADD STD. 780001-D4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	28W-2, 29W-1; 28RS-6, 29RS-4	WARREN	277	201 8
		CONTRACT NO. 68B60		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SIGN DETAIL
1:75



SIGN NUMBER	D3–1_c2_OS_2012
WIDTH x HGHT.	3'–1" x 1'–6"
BORDER WIDTH	0"
CORNER RADIUS	1.88"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective
	COLOR: White/White

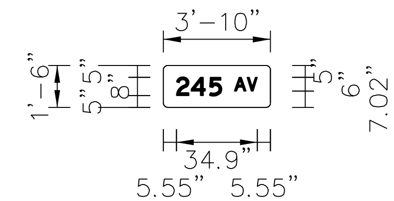
SYMBOL	ROT	X	Y	WID	HT

Panel Style: guide_con_street name_c2_OS_2012.ssi
Dimensions are in inches.tenths
Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)

															LENGTH	SERIES/SIZE
R	T															D 2000
5.6	10.1														8.3	6
6	7															D 2000
19.2	26														12.2	8

SIGN DETAIL
1:75



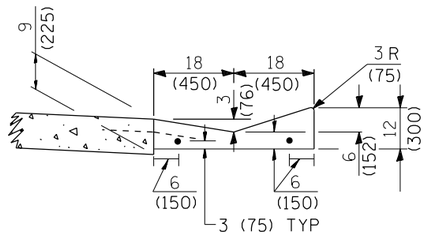
SIGN NUMBER	D3–1_c2_OS_2012
WIDTH x HGHT.	3'–10" x 1'–6"
BORDER WIDTH	0"
CORNER RADIUS	1.88"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective
	COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT

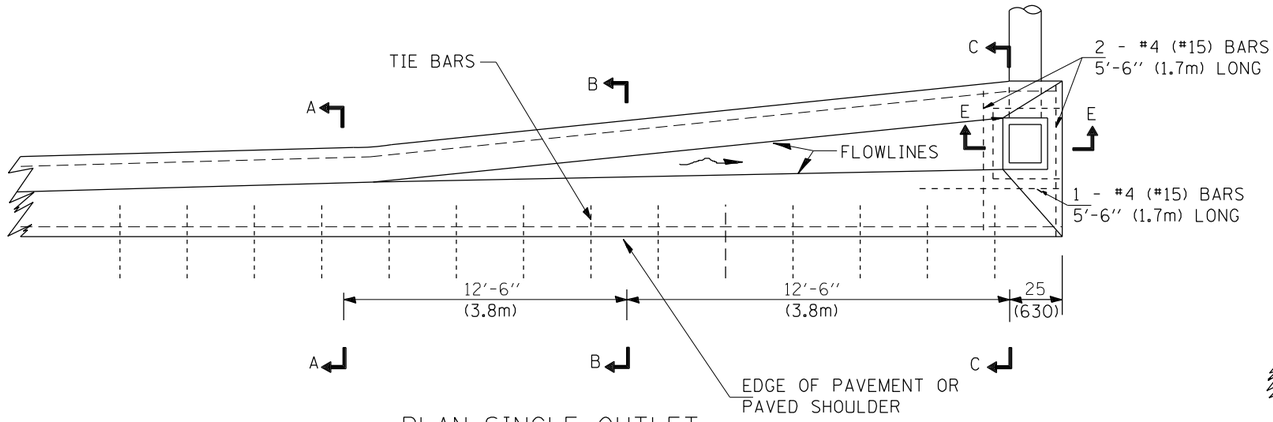
Panel Style: guide_con_street name_c2_OS_2012.ssi
Dimensions are in inches.tenths
Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)

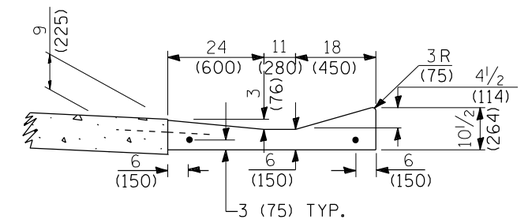
															LENGTH	SERIES/SIZE
A	V															D 2000
30.4	35.9														10	6
2	4	5														D 2000
5.5	11.9	19.7													19.6	8



SECTION A-A



PLAN-SINGLE OUTLET



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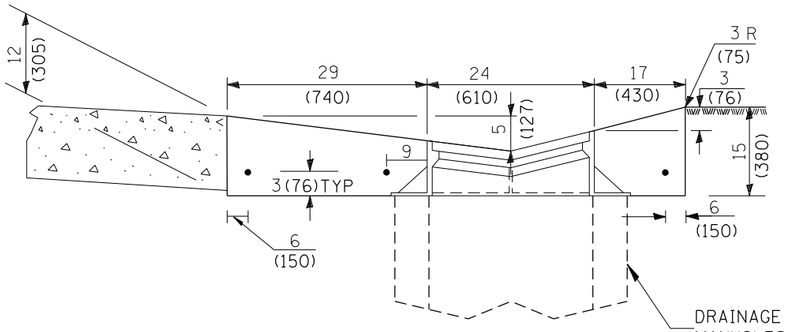
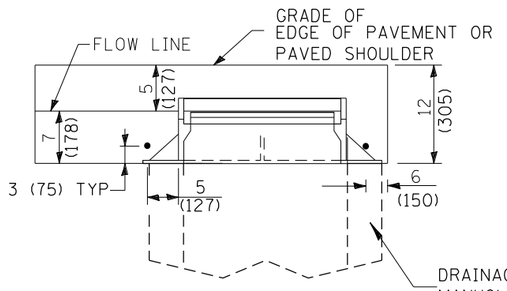


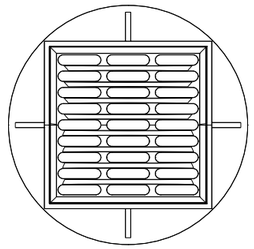
DRAINAGE STRUCTURES
MANHOLES, TYPE A, 4'-DIA. @ STA. 1072+24.19, 23.4' LT
INLETS, TYPE B, TYPE 9 F&G, @ STA 1158+88.44, 23.4' RT

SECTION C-C



DRAINAGE STRUCTURES
MANHOLES, TYPE A, 4'-DIA. @ STA. 1072+24.19, 23.4' LT
INLETS, TYPE B, TYPE 9 F&G, @ STA 1158+88.44, 23.4' RT

SECTION E-E



FRAME AND GRATE
TYPE 9
(STANDARD 604041-03)

GENERAL NOTES

The gutter outlet shall be tied to the pavement in accordance with details for longitudinal construction joint shown on Standard 420001.

Tie bars shall be No. 6x24 (No. 19x600) at 36" (900mm) centers unless otherwise shown.

If the average grade of pavement for the distance A-D exceeds 2 %, this distance shall be increased 6' (1.8m) for each 1 % increase in grade.

All dimensions are in inches (millimeters) unless otherwise noted.

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EFK•Moen Civil Engineering Design	USER NAME = ZWaters	DESIGNED - JRD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	OUTLET TYPE 1 (SPECIAL) FOR TYPE A GUTTER (SPECIAL)	F.A.P. RTE. 310	SECTION 28W-2, 29W-1; 28RS-6, 29RS-4	COUNTY WARREN	TOTAL SHEETS 277 / SHEET NO. 203
		DRAWN - ZJW	REVISED -					CONTRACT NO. 68B60	
	PLOT SCALE = 100.0000 ' / in.	CHECKED - SLD	REVISED -						
	PLOT DATE = 3/22/2023	DATE - 3/22/2023	REVISED -		SCALE: N.A. SHEET 2 OF 2 SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT		

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

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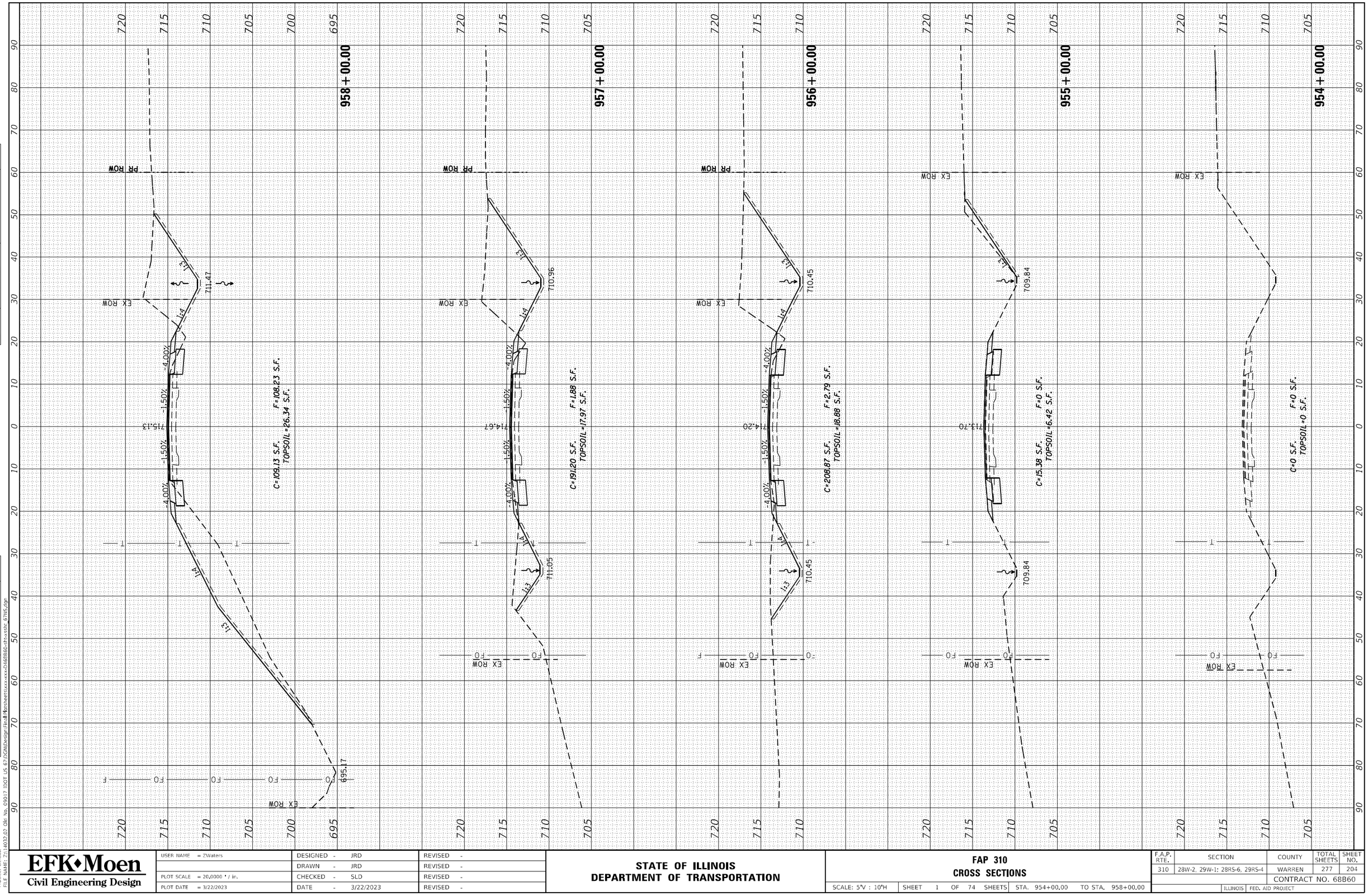
NOTE BOOK	SURVEYED		
NO.	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		



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EFK•Moen
Civil Engineering Design

USER NAME = ZWaters	DESIGNED - JRD	REVISED -	
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PLOT DATE = 3/22/2023	DATE - 3/22/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 310
CROSS SECTIONS

SCALE: 5'V : 10'H | SHEET 1 OF 74 SHEETS | STA. 954+00.00 | TO STA. 958+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	28W-2, 29W-1; 28RS-6, 29RS-4	WARREN	277	204
		CONTRACT NO. 68B60		
		ILLINOIS FED. AID PROJECT		

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

ORIGINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
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	TEMPLATE		
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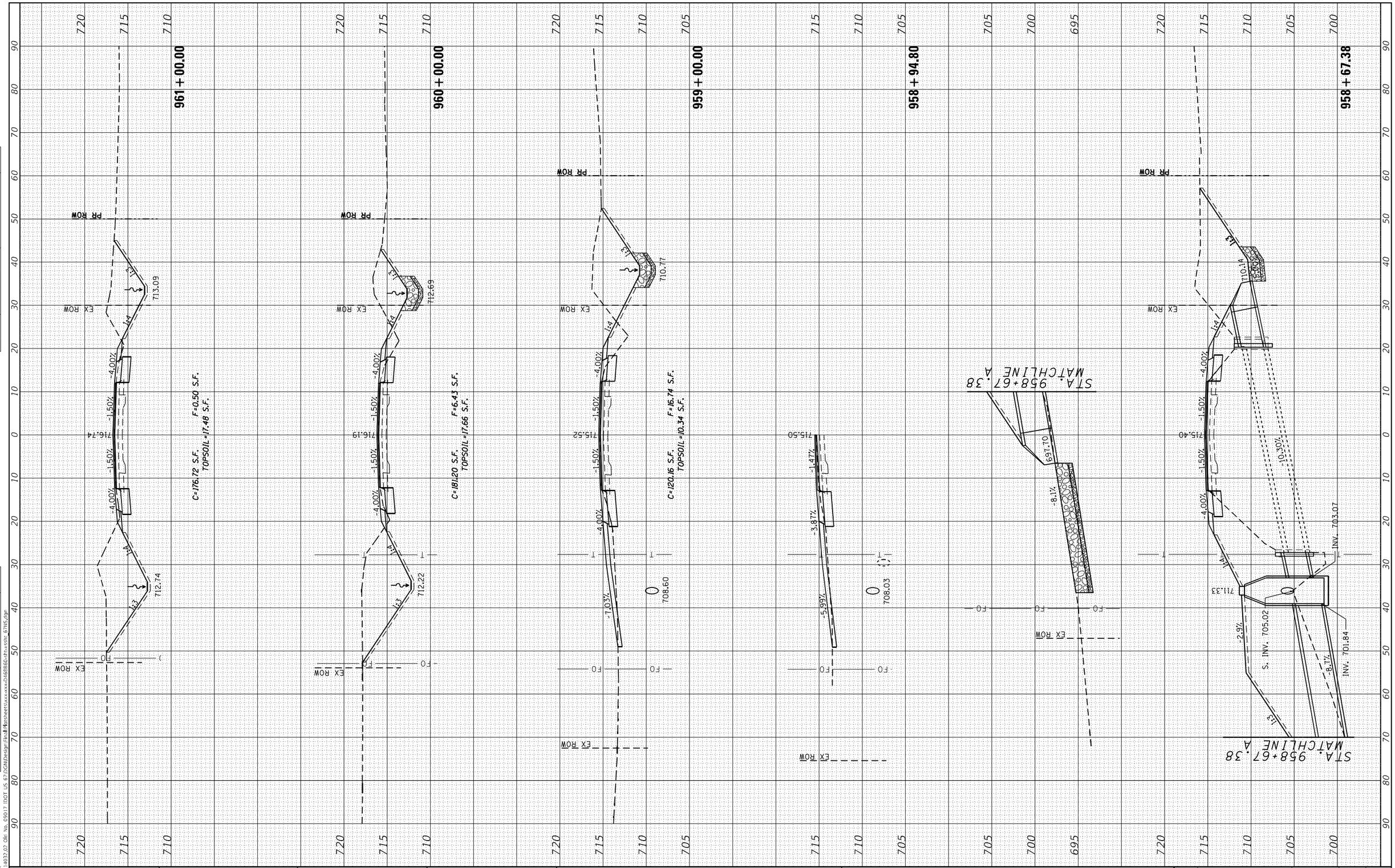
	AREAS CHECKED		



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EFK•Moen Civil Engineering Design	USER NAME = ZWaters	DESIGNED - JRD	REVISED -
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	PLOT DATE = 3/22/2023	DATE - 3/22/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 310
CROSS SECTIONS

SCALE: 5'V : 10'H | SHEET 2 OF 74 SHEETS | STA. 958+67.38 | TO STA. 961+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	28W-2, 29W-1; 28RS-6, 29RS-4	WARREN	277	205
		CONTRACT NO. 68B60		
		ILLINOIS FED. AID PROJECT		

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

ORIGINAL SURVEY	SURVEYED	BY	DATE
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968+00.00

PR ROW
EX ROW
715.15
1:3
1:4
-4.00%
-1.50%
716.39
C=99.35 S.F.
TOPSOIL=14.16 S.F.
F=1.08 S.F.
715.09
FO

967+00.00

PR ROW
EX ROW
714.93
718.28
C=103.09 S.F.
TOPSOIL=14.39 S.F.
F=0.68 S.F.
714.89
FO

966+00.00

PR ROW
EX ROW
714.72
718.01
C=101.54 S.F.
TOPSOIL=13.78 S.F.
F=0.61 S.F.
714.70
FO

965+00.00

PR ROW
EX ROW
714.50
717.93
C=91.66 S.F.
TOPSOIL=13.20 S.F.
F=1.51 S.F.
714.50
FO

964+00.00

PR ROW
EX ROW
714.29
717.87
C=82.05 S.F.
TOPSOIL=12.70 S.F.
F=2.93 S.F.
714.30
FO

963+00.00

PR ROW
EX ROW
713.89
717.63
C=90.82 S.F.
TOPSOIL=13.50 S.F.
F=1.54 S.F.
713.78
FO

962+00.00

PR ROW
EX ROW
713.49
717.21
C=147.30 S.F.
TOPSOIL=16.60 S.F.
F=0.20 S.F.
713.26
FO

EFK•Moen
Civil Engineering Design

USER NAME = ZWaters	DESIGNED - JRD	REVISED -	
	DRAWN - JRD	REVISED -	
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PLOT DATE = 3/22/2023	DATE - 3/22/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 310
CROSS SECTIONS

SCALE: 5'V : 10'H | SHEET 3 OF 74 SHEETS | STA. 962+00.00 | TO STA. 968+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	28W-2, 29W-1; 28RS-6, 29RS-4	WARREN	277	206
		CONTRACT NO. 68B60		
	ILLINOIS	FED. AID PROJECT		

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

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

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974 + 00.00
EX ROW 719.33 -4.00% -1.50% 1:4 1:3 715.92 PR ROW
C=50.27 S.F. TOPSOIL=11.34 S.F. F=8.69 S.F.

973 + 00.00
EX ROW 719.20 -4.00% -1.50% 1:4 1:3 716.05 PR ROW
C=55.37 S.F. TOPSOIL=11.63 S.F. F=9.31 S.F.

972 + 55.58
EX ROW 718.99 -4.00% -5.07% 1:1 PR ROW
718.96 -4.00% -1.50% EX ROW

972 + 50.64
EX ROW 718.77 -4.00% -1.50% 1:4 1:3 716.01 PR ROW
C=59.38 S.F. TOPSOIL=10.88 S.F. F=3.30 S.F.

972 + 00.00
EX ROW 718.69 -4.00% -1.50% 1:4 1:3 715.79 PR ROW
C=67.60 S.F. TOPSOIL=11.70 S.F. F=3.11 S.F.

971 + 00.00
EX ROW 718.42 -4.00% -1.50% 1:4 1:3 715.58 PR ROW
C=78.30 S.F. TOPSOIL=12.04 S.F. F=1.21 S.F.

970 + 00.00
EX ROW 718.40 -4.00% -1.50% 1:4 1:3 715.36 PR ROW
C=91.59 S.F. TOPSOIL=13.26 S.F. F=1.21 S.F.

969 + 00.00

EX ROW 715.79 1:3 1:4 FO
EX ROW 715.92 1:3 1:4 FO
EX ROW 715.88 1:3 1:4 FO
EX ROW 715.69 1:3 1:4 FO
EX ROW 715.49 1:3 1:4 FO
EX ROW 715.29 1:3 1:4 FO

PR ROW

720 715 0 10 20 30 40 50 60 70 80 90

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Civil Engineering Design

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	DRAWN - JRD	REVISED -	
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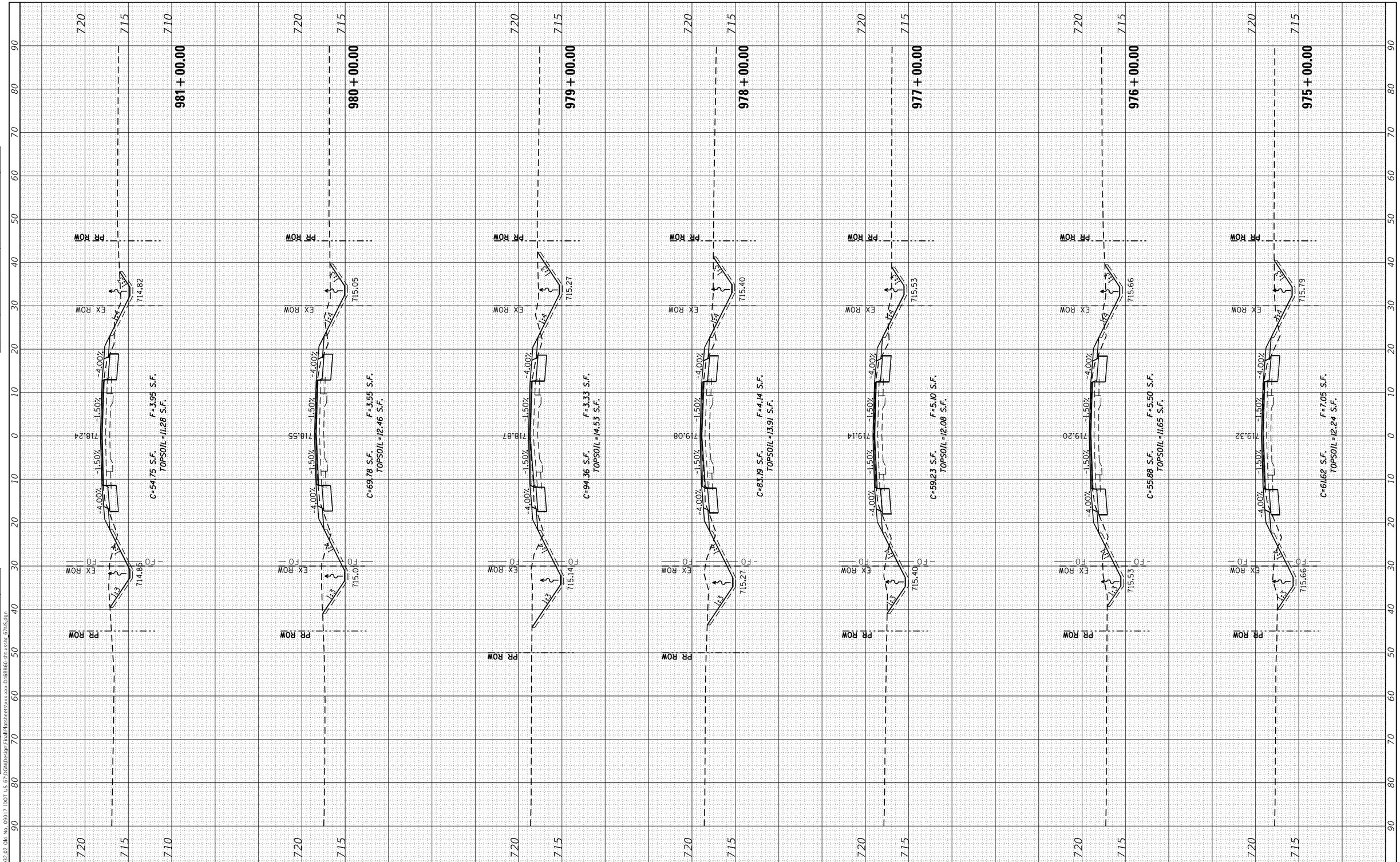
PLOT DATE = 3/22/2023	DATE - 3/22/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 310
CROSS SECTIONS

SCALE: 5'V : 10'H | SHEET 4 OF 74 SHEETS | STA. 969+00.00 | TO STA. 974+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	28W-2, 29W-1; 28RS-6, 29RS-4	WARREN	277	207
		CONTRACT NO. 68B60		
	ILLINOIS	FED. AID PROJECT		



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NOTE BOOK	SURVEYED		
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Civil Engineering Design

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PLOT DATE = 3/22/2023	DATE - 3/22/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 310
CROSS SECTIONS

SCALE: 5'V : 10'H | SHEET 5 OF 74 SHEETS | STA. 975+00.00 TO STA. 981+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	28W-2, 29W-1; 28RS-6, 29RS-4	WARREN	277	208
		CONTRACT NO. 68B60		
		ILLINOIS	FED. AID PROJECT	

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

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

987+00.00

C=99.55 S.F. F=11.09 S.F.
TOPSOIL=14.13 S.F.

986+00.00

C=45.70 S.F. F=0 S.F.
TOPSOIL=0 S.F.

985+87.06

985+86.47

985+00.00

C=69.40 S.F. F=2.92 S.F.
TOPSOIL=12.18 S.F.

984+00.00

C=55.58 S.F. F=3.84 S.F.
TOPSOIL=11.33 S.F.

983+00.00

C=57.19 S.F. F=2.58 S.F.
TOPSOIL=11.41 S.F.

982+00.00

C=53.67 S.F. F=3.43 S.F.
TOPSOIL=11.23 S.F.

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EFK•Moen Civil Engineering Design	USER NAME = ZWaters	DESIGNED - JRD	REVISED -	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**
		DRAWN - JRD	REVISED -	
	PLOT SCALE = 20.0000 ' / in.	CHECKED - SLD	REVISED -	
	PLOT DATE = 3/22/2023	DATE - 3/22/2023	REVISED -	

FAP 310
CROSS SECTIONS

SCALE: 5'V : 10'H | SHEET 6 OF 74 SHEETS | STA. 982+00.00 TO STA. 987+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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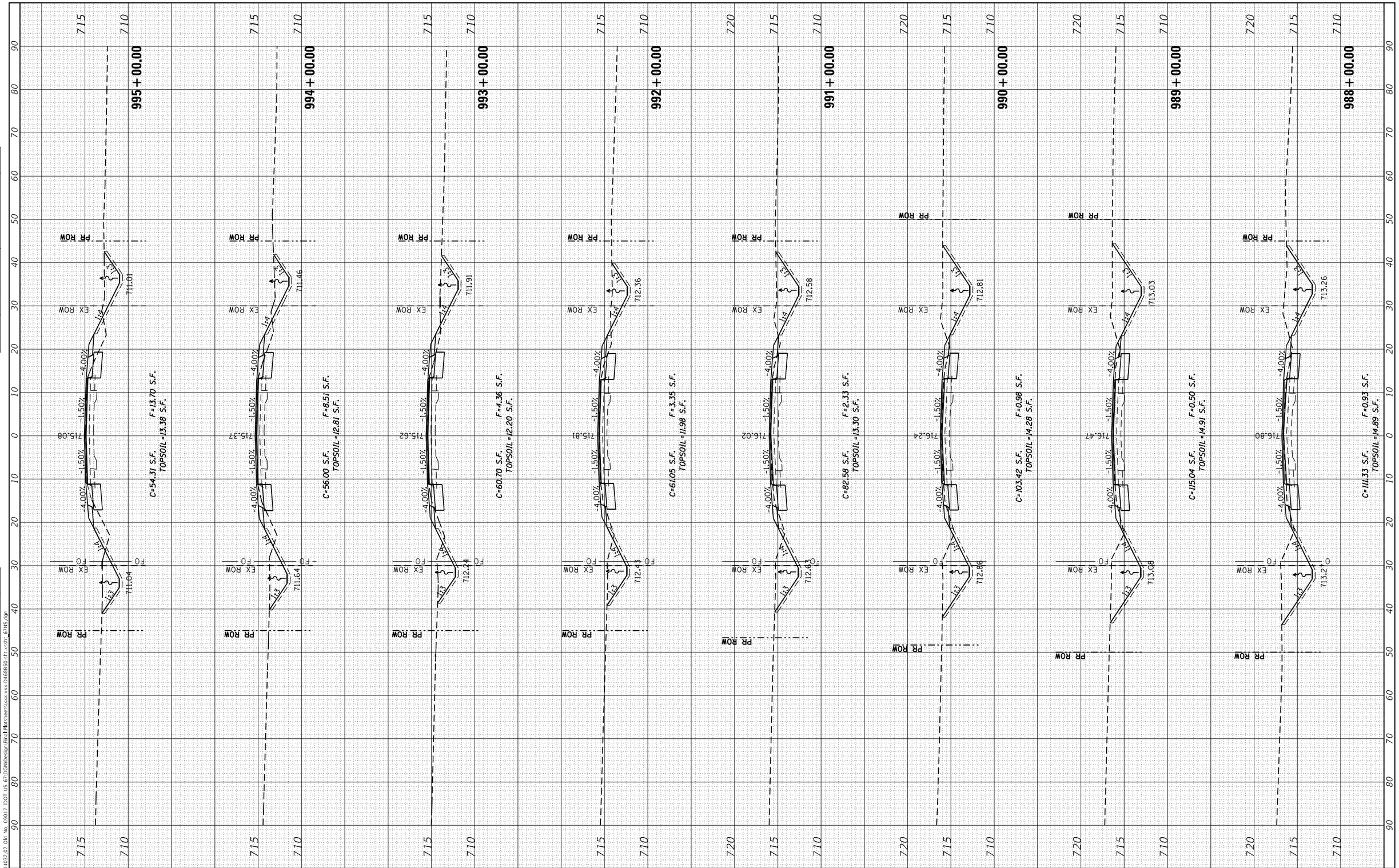
		CONTRACT NO. 68B60		
	ILLINOIS FED. AID PROJECT			



FINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
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	TEMPLATE		
	AREAS		
	AREAS CHECKED		

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

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EFK•Moen
Civil Engineering Design

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PLOT DATE = 3/22/2023	DATE - 3/22/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 310
CROSS SECTIONS

SCALE: 5'V : 10'H | SHEET 7 OF 74 SHEETS | STA. 988+00.00 TO STA. 995+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	28W-2, 29W-1; 28RS-6, 29RS-4	WARREN	277	210
		CONTRACT NO. 68B60		
		ILLINOIS FED. AID PROJECT		

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

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

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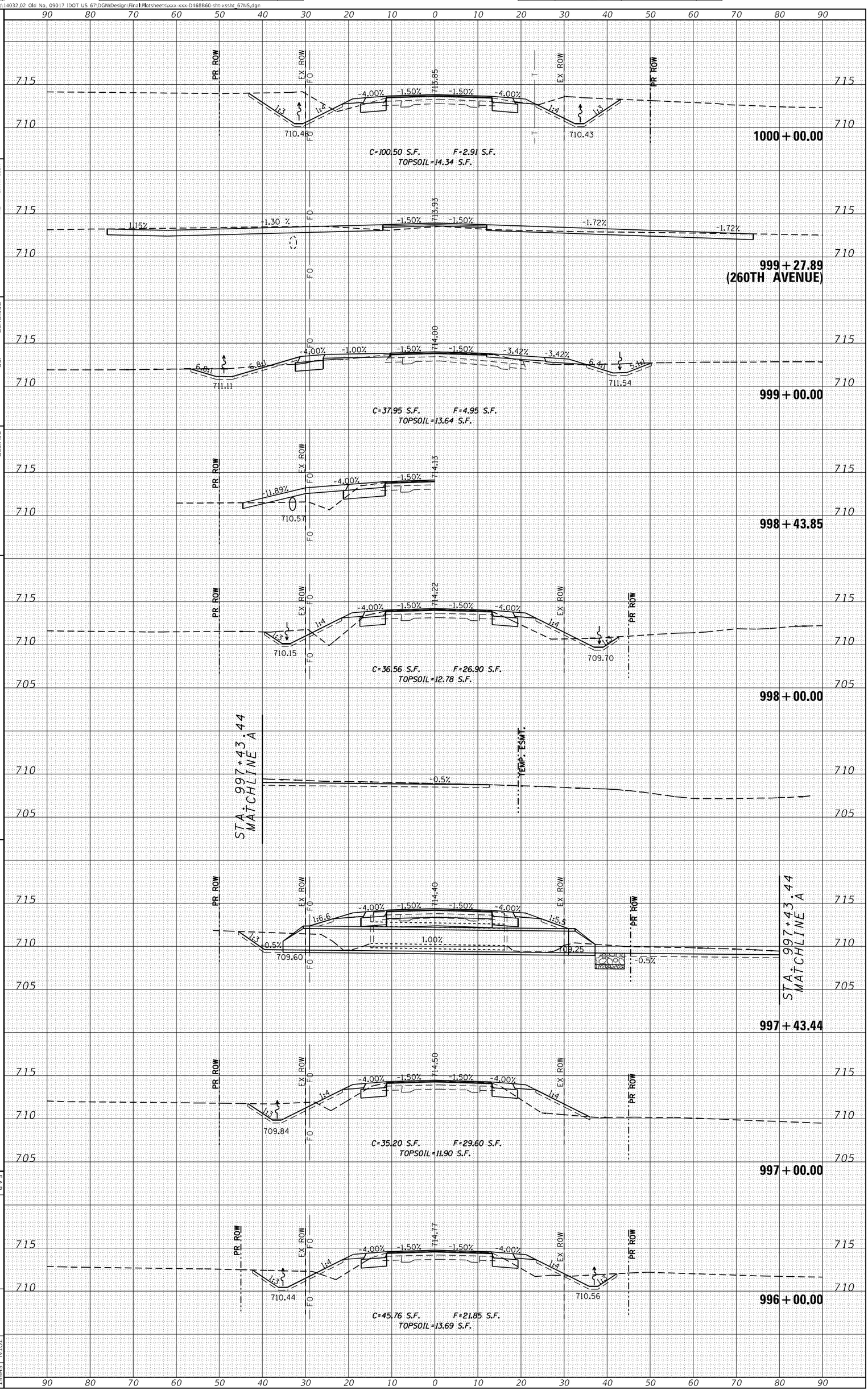

EFK•Moen
Civil Engineering Design

USER NAME = ZWaters
PLOT SCALE = 20.0000 ' / in.
PLOT DATE = 3/22/2023

DESIGNED - JRD
DRAWN - JRD
CHECKED - SLD
DATE - 3/22/2023

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 310
CROSS SECTIONS

SCALE: 5'V : 10'H
SHEET 8 OF 74 SHEETS
STA. 996+00.00 TO STA. 1000+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	28W-2, 29W-1; 28RS-6, 29RS-4	WARREN	277	211

ILLINOIS FED. AID PROJECT
CONTRACT NO. 68B60

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

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

MODEL: Default
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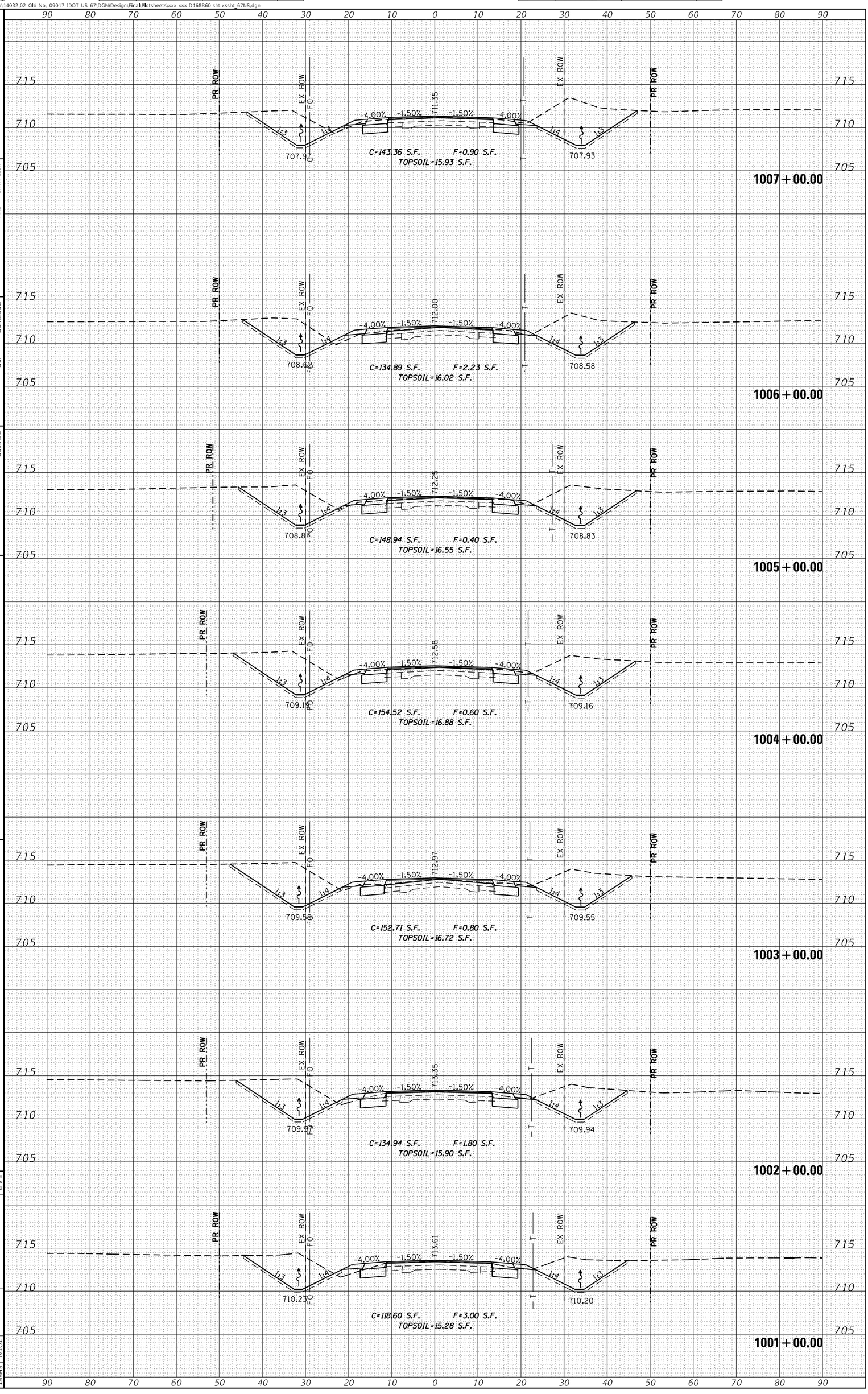

EFK•Moen
Civil Engineering Design

USER NAME = ZWaters
PLOT SCALE = 20.0000 ' / in.
PLOT DATE = 3/22/2023

DESIGNED - JRD
DRAWN - JRD
CHECKED - SLD
DATE - 3/22/2023

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 310
CROSS SECTIONS

SCALE: 5'V : 10'H
SHEET 9 OF 74 SHEETS
STA. 1001+00.00 TO STA. 1007+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	28W-2, 29W-1; 28RS-6, 29RS-4	WARREN	277	212

CONTRACT NO. 68B60
ILLINOIS FED. AID PROJECT

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

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

MODEL: Default
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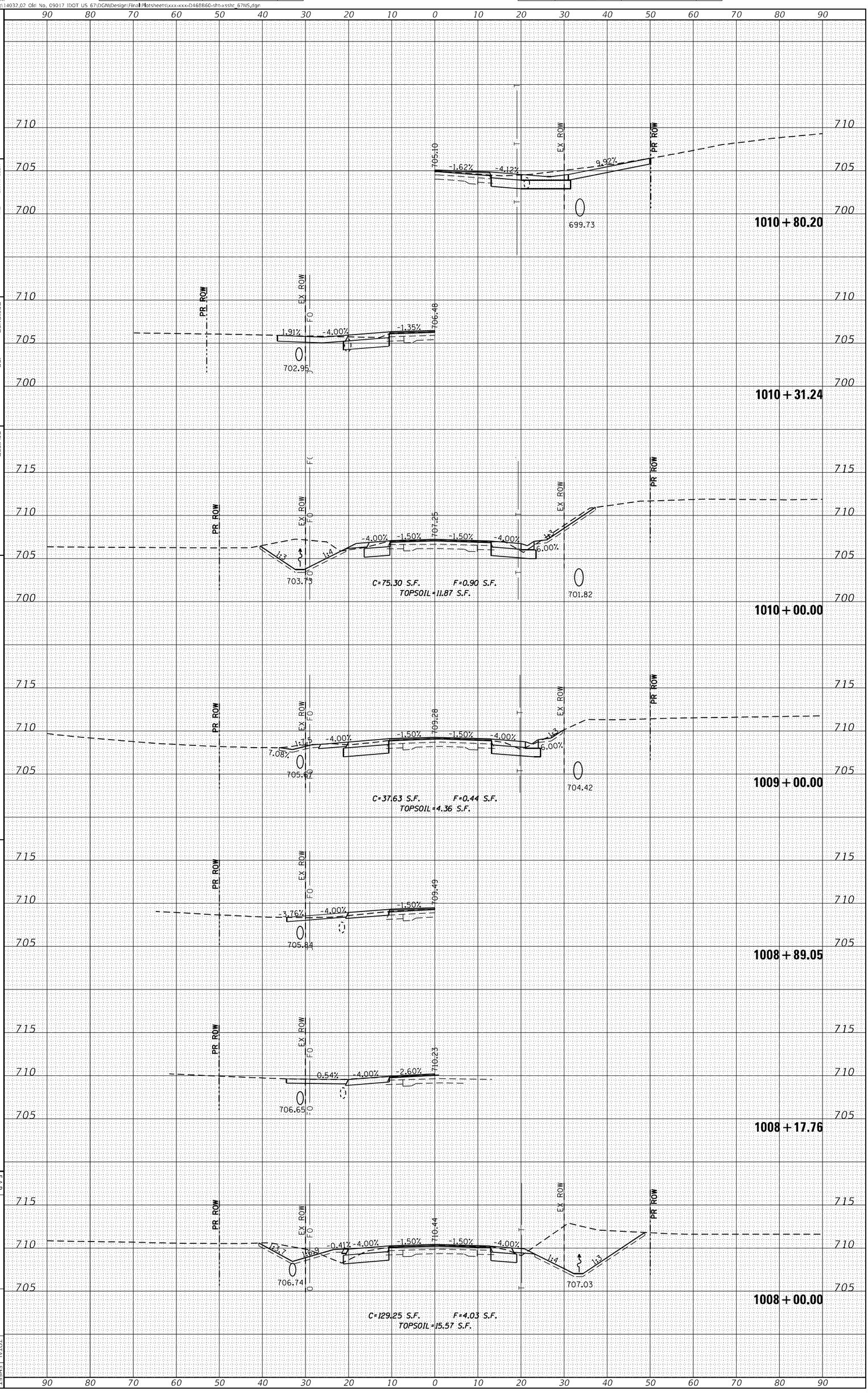

EFK•Moen
Civil Engineering Design

USER NAME = ZWaters
PLOT SCALE = 20.0000 ' / in.
PLOT DATE = 3/22/2023

DESIGNED - JRD
DRAWN - JRD
CHECKED - SLD
DATE - 3/22/2023

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 310
CROSS SECTIONS

SCALE: 5'V : 10'H
SHEET 10 OF 74 SHEETS
STA. 1008+00.00 TO STA. 1010+80.20

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	28W-2, 29W-1; 28RS-6, 29RS-4	WARREN	277	213

CONTRACT NO. 68B60
ILLINOIS FED. AID PROJECT

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

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

MODEL: Default
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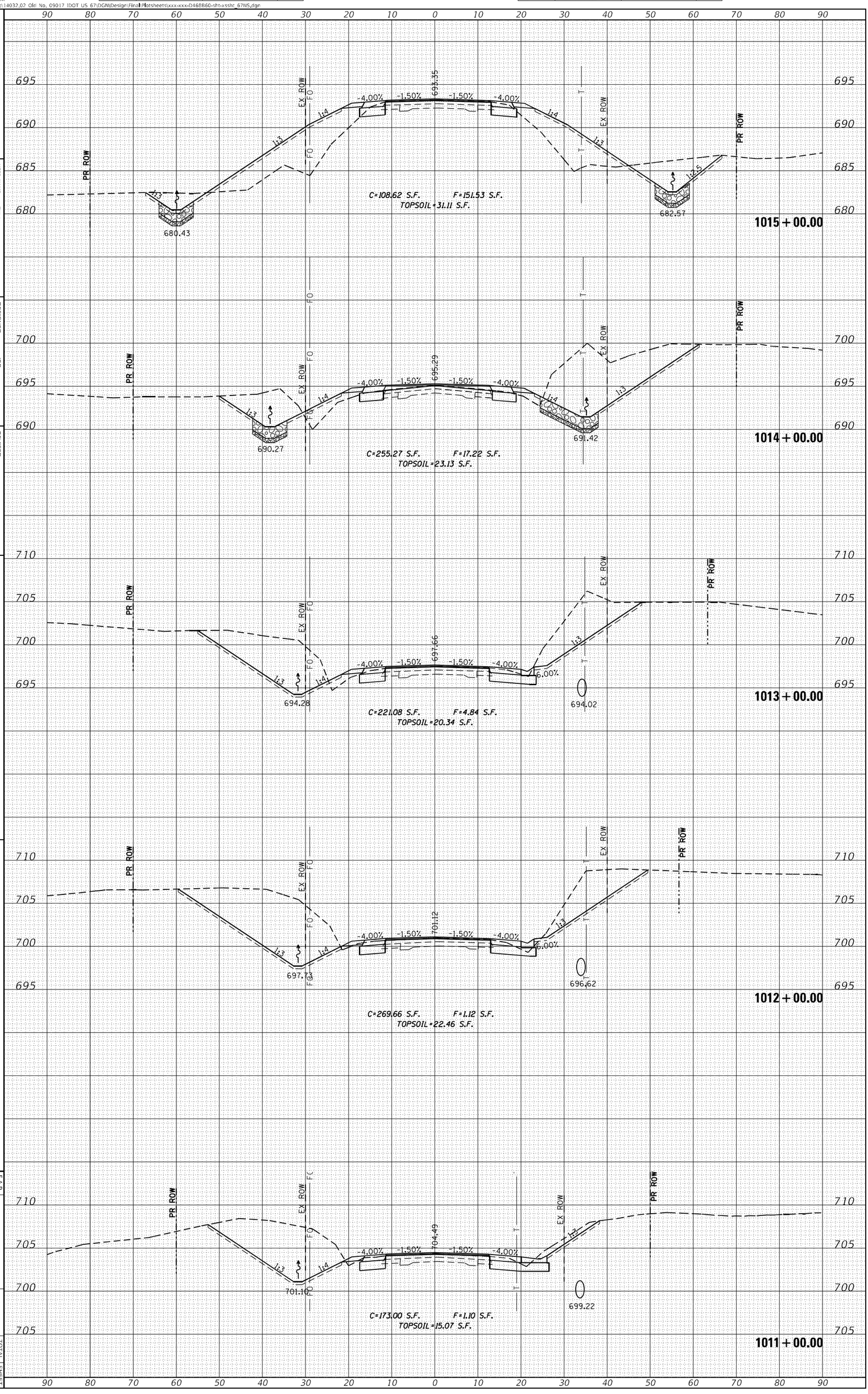


EFK•Moen
Civil Engineering Design

USER NAME = ZWaters
PLOT SCALE = 20.0000 ' / in.
PLOT DATE = 3/22/2023

DESIGNED - JRD
DRAWN - JRD
CHECKED - SLD
DATE - 3/22/2023

REVISED -
REVISED -
REVISED -
REVISED -

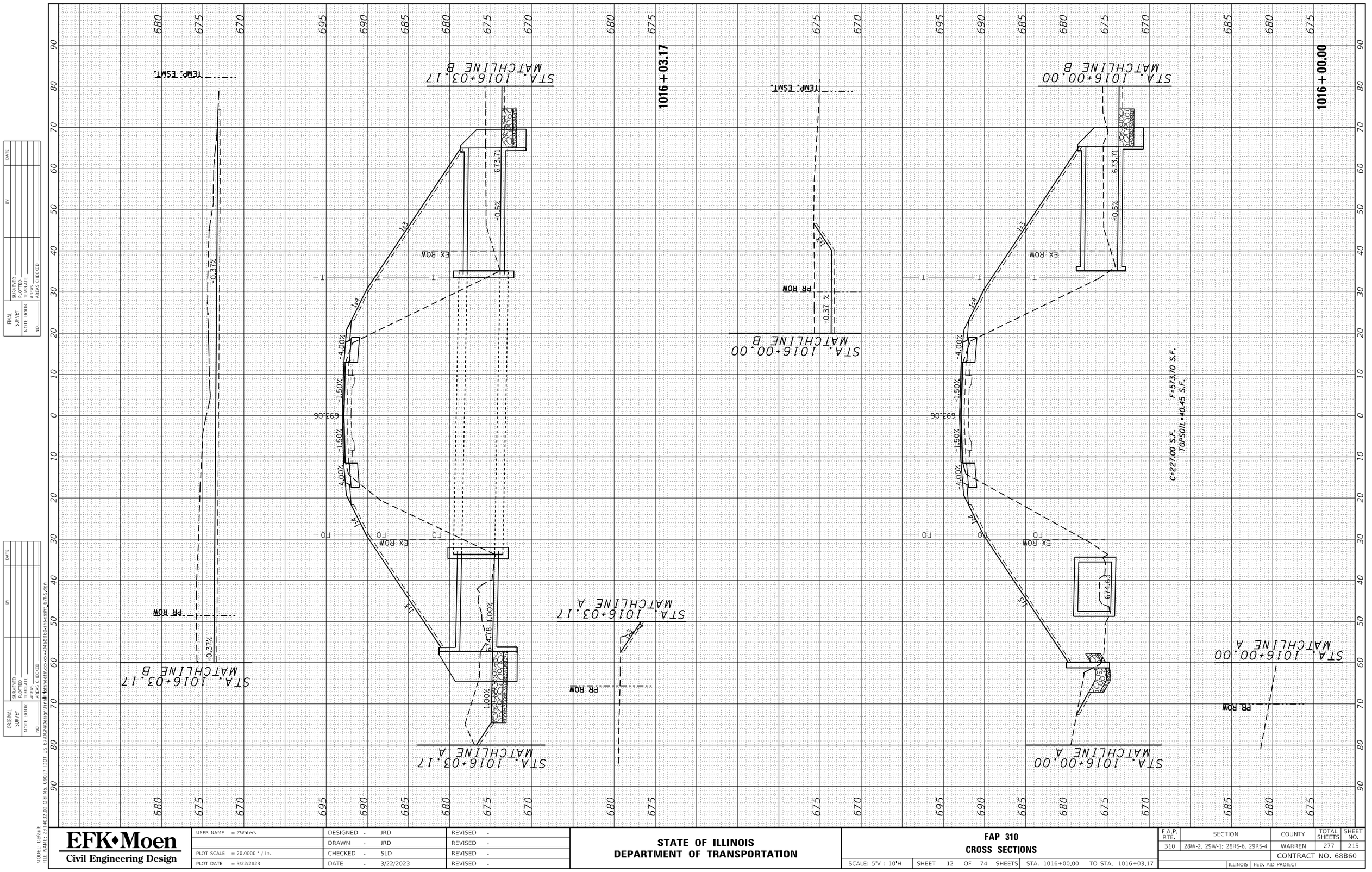
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 310
CROSS SECTIONS

SCALE: 5'V : 10'H
SHEET 11 OF 74 SHEETS
STA. 1011+00.00 TO STA. 1015+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	28W-2, 29W-1; 28RS-6, 29RS-4	WARREN	277	214

ILLINOIS FED. AID PROJECT
CONTRACT NO. 68B60



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

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

MODEL: Default
FILE NAME: Z:\14032.02 ORI No. 09017 IDOT US 67\DGN\Design\Final\Plansheets\xxx-xxx-2h468B60-ch-x-sht-67NS.dgn

EFK•Moen
Civil Engineering Design

USER NAME = ZWaters	DESIGNED - JRD		REVISED -
	DRAWN - JRD		REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - SLD		REVISED -
PLOT DATE = 3/22/2023	DATE - 3/22/2023		REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 310
CROSS SECTIONS

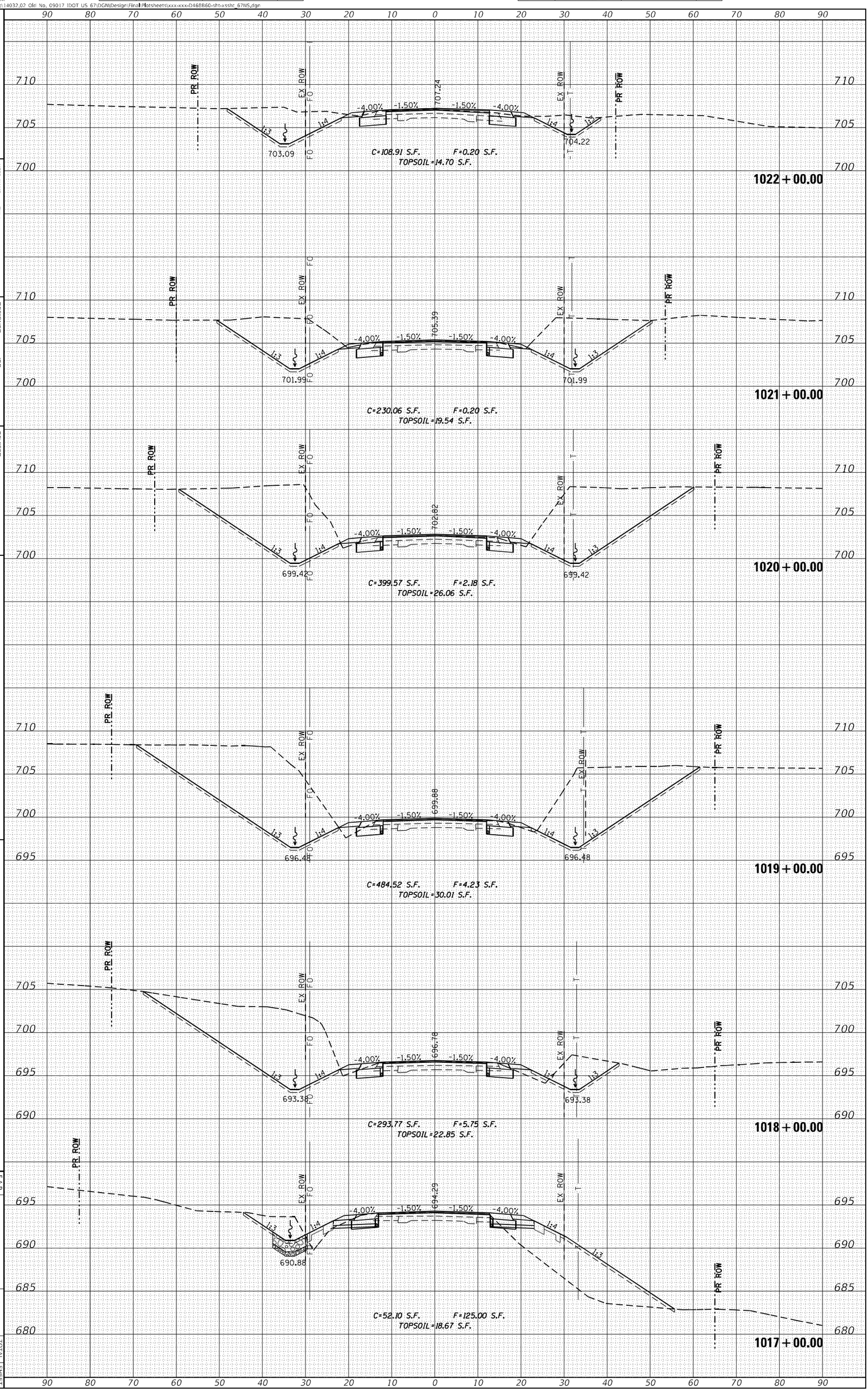
SCALE: 5'V : 10'H | SHEET 12 OF 74 SHEETS | STA. 1016+00.00 | TO STA. 1016+03.17

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	28W-2, 29W-1; 28RS-6, 29RS-4	WARREN	277	215
		CONTRACT NO. 68B60		
	ILLINOIS FED. AID PROJECT			

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

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

MODEL: Default
FILE NAME: Z:\14032.02 Old No. 09017 IDOT US 67\DGN\Design\Final\Plotsheets\xxx-xxx-D468B60-sht-xssht_67NS.dgn



EFK•Moen
Civil Engineering Design

USER NAME = ZWaters
PLOT SCALE = 20.0000 ' / in.
PLOT DATE = 3/22/2023

DESIGNED - JRD
DRAWN - JRD
CHECKED - SLD
DATE - 3/22/2023

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 310
CROSS SECTIONS

SCALE: 5'V : 10'H
SHEET 13 OF 74 SHEETS
STA. 1017+00.00 TO STA. 1022+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	28W-2, 29W-1; 28RS-6, 29RS-4	WARREN	277	216

ILLINOIS FED. AID PROJECT
CONTRACT NO. 68B60

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

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

MODEL: Default
FILE NAME: Z:\14032.02 Old No. 09017 IDOT US 67\DGN\Design\Final\Plotsheets\xxx-xxx-D468B60-sht-xssht_67NS.dgn

EFK•Moen
Civil Engineering Design

USER NAME = ZWaters
PLOT SCALE = 20.0000 ' / in.
PLOT DATE = 3/22/2023

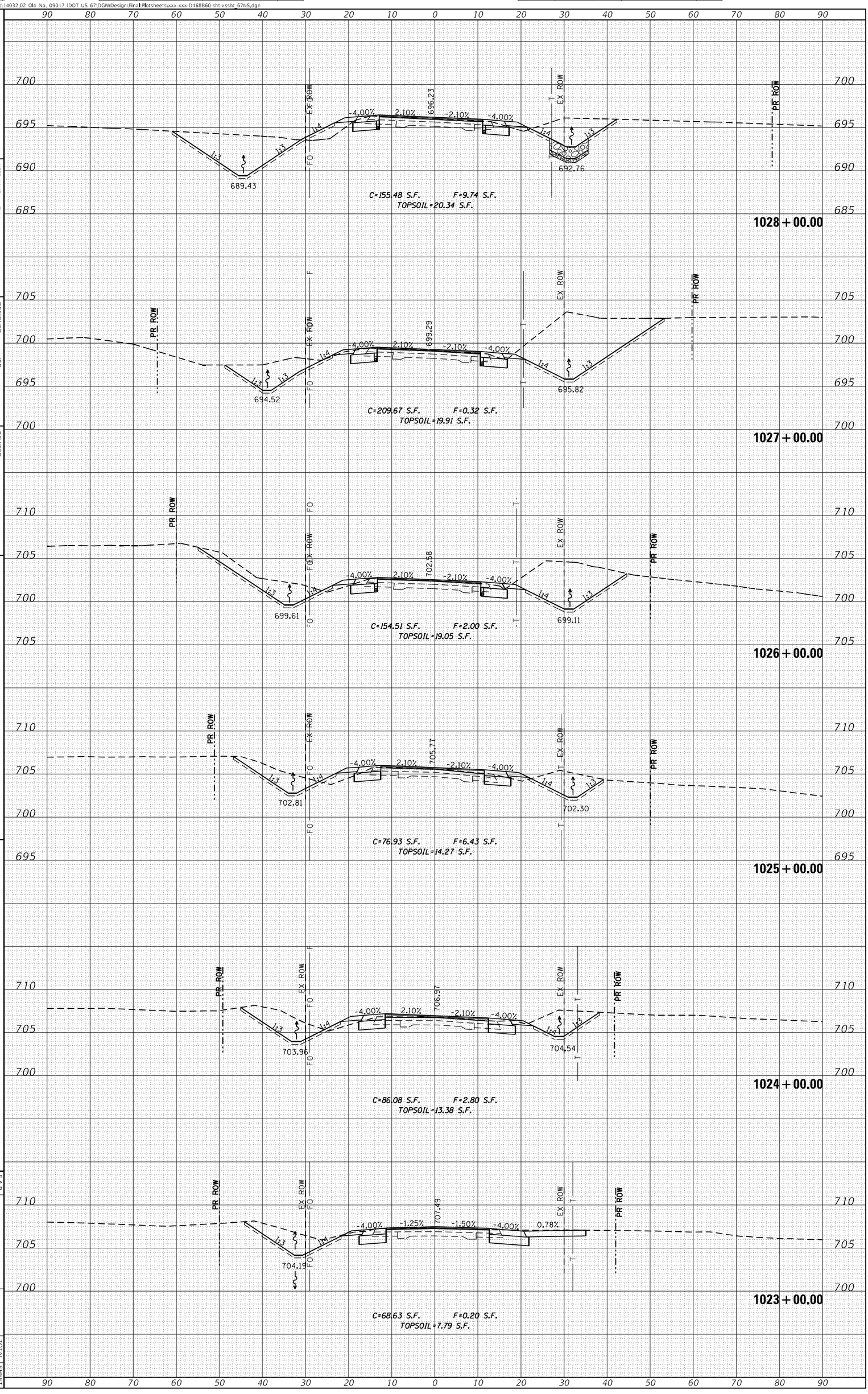
DESIGNED - JRD
DRAWN - JRD
CHECKED - SLD
DATE - 3/22/2023

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 310
CROSS SECTIONS

SCALE: 5'V : 10'H
SHEET 14 OF 74 SHEETS
STA. 1023+00.00 TO STA. 1028+00.00



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	28W-2, 29W-1; 28RS-6, 29RS-4	WARREN	277	217

ILLINOIS FED. AID PROJECT
CONTRACT NO. 68B60

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

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

MODEL: Default
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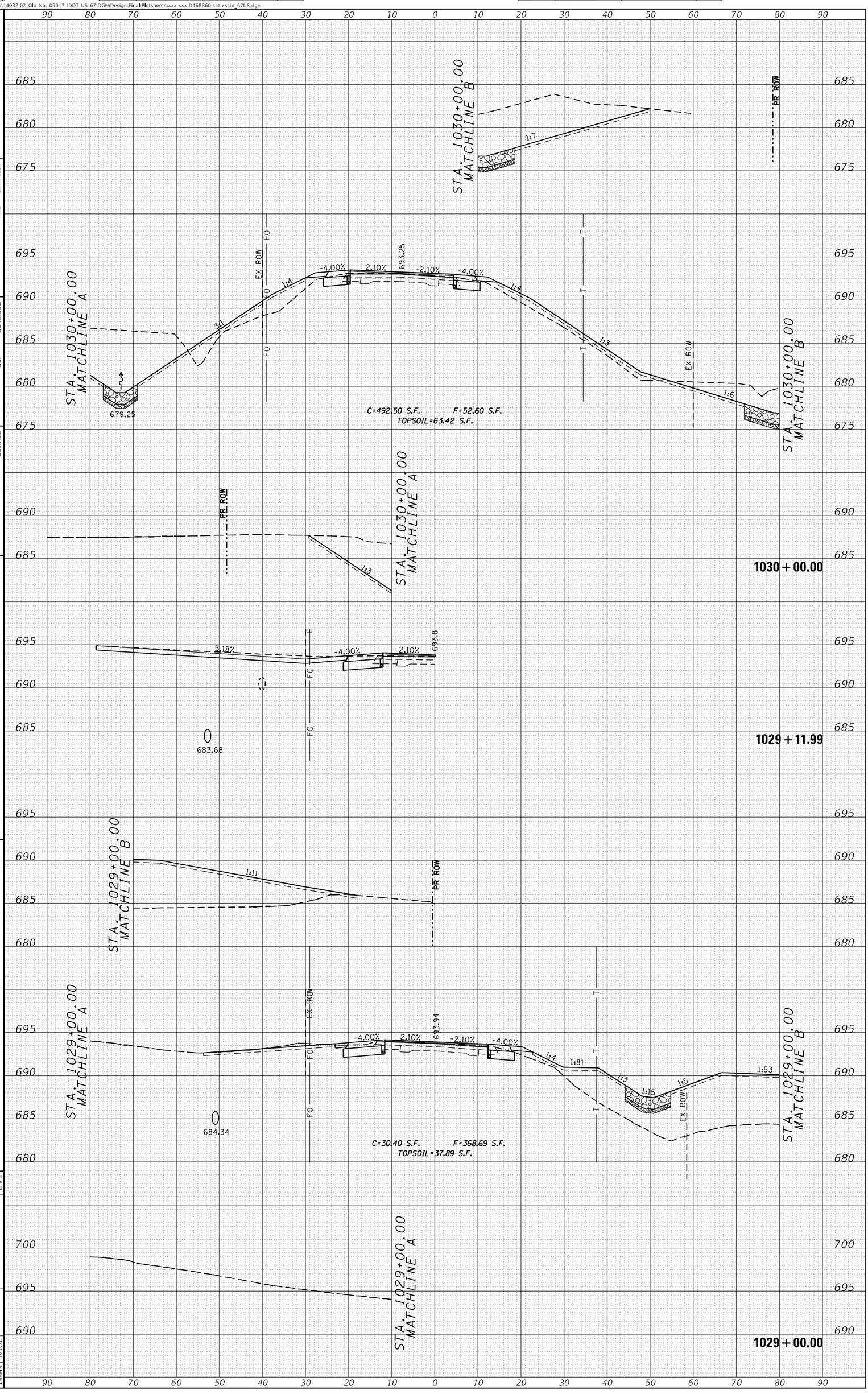


EFK•Moen
Civil Engineering Design

USER NAME = ZWaters
PLOT SCALE = 20.0000 ' / in.
PLOT DATE = 3/22/2023

DESIGNED - JRD
DRAWN - JRD
CHECKED - SLD
DATE - 3/22/2023

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 310
CROSS SECTIONS

SCALE: 5'V : 10'H
SHEET 15 OF 74 SHEETS
STA. 1029+00.00 TO STA. 1030+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	28W-2, 29W-1; 28RS-6, 29RS-4	WARREN	277	218

CONTRACT NO. 68B60
ILLINOIS FED. AID PROJECT

1033+00.00

PR ROW

EX ROW

1:3

1:4

696.42

-4.00%

-1.50%

699.82

C=437.70 S.F.
TOPSOIL=27.88 S.F.
F=9.10 S.F.

1032+00.00

PR ROW

EX ROW

1:3

1:4

692.80

-4.00%

-1.50%

696.20

C=437.71 S.F.
TOPSOIL=30.03 S.F.
F=3.40 S.F.

1031+00.00

PR ROW

EX ROW

1:3

1:4

690.71

-4.00%

-1.50%

-0.11%

694.11

C=115.42 S.F.
TOPSOIL=17.20 S.F.
F=20.28 S.F.

STA. 1030+19.76
MATCHLINE C

TEMP. ESMT.

STA. 1030+19.76
MATCHLINE C

STA. 1030+19.76
MATCHLINE B

PR ROW

-0.5%

STA. 1030+19.76
MATCHLINE B

STA. 1030+19.76
MATCHLINE B

EX ROW

-0.5%

1:3

1:4

-4.00%

-2.10%

693.23

1:3

1:05%

678.18

1.00%

STA. 1030+19.76
MATCHLINE A

1030+19.76

PR ROW

STA. 1030+19.76
MATCHLINE A

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

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

MODEL: Default
FILE NAME: Z:\14032.02 Okl No. 69017 IDOT US 67\DGN\Design\Final\Sheets\xxxx-xx-D1688B60-sh-xssht 67NS.dgn

EFK•Moen
Civil Engineering Design

USER NAME = ZWaters	DESIGNED - JRD	REVISED -	
	DRAWN - JRD	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - SLD	REVISED -	
PLOT DATE = 3/22/2023	DATE - 3/22/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

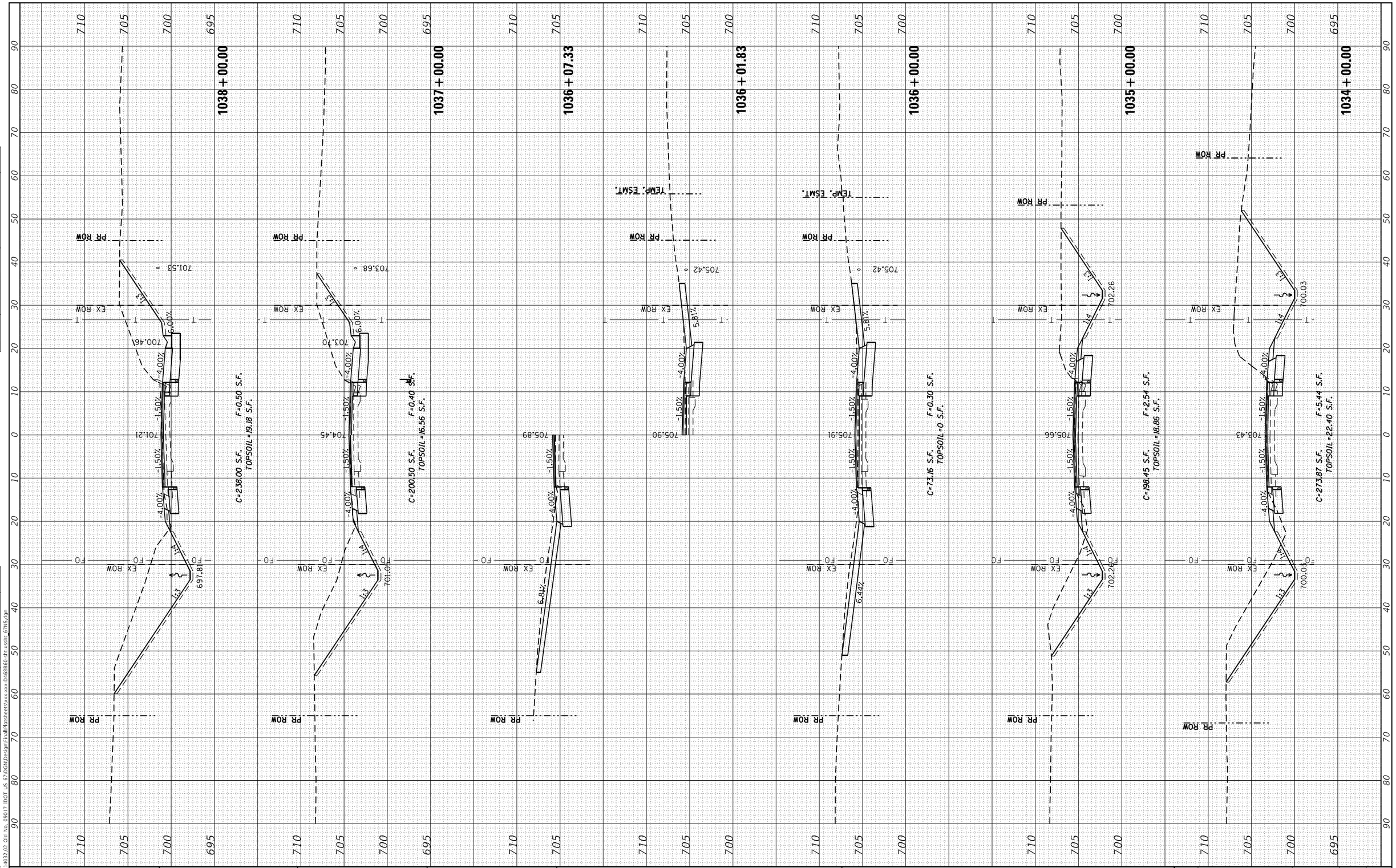
FAP 310
CROSS SECTIONS

SCALE: 5'V : 10'H | SHEET 16 OF 74 SHEETS | STA. 1030+19.76 TO STA. 1033+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	28W-2, 29W-1; 28RS-6, 29RS-4	WARREN	277	219
		CONTRACT NO. 68B60		
	ILLINOIS	FED. AID PROJECT		

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

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



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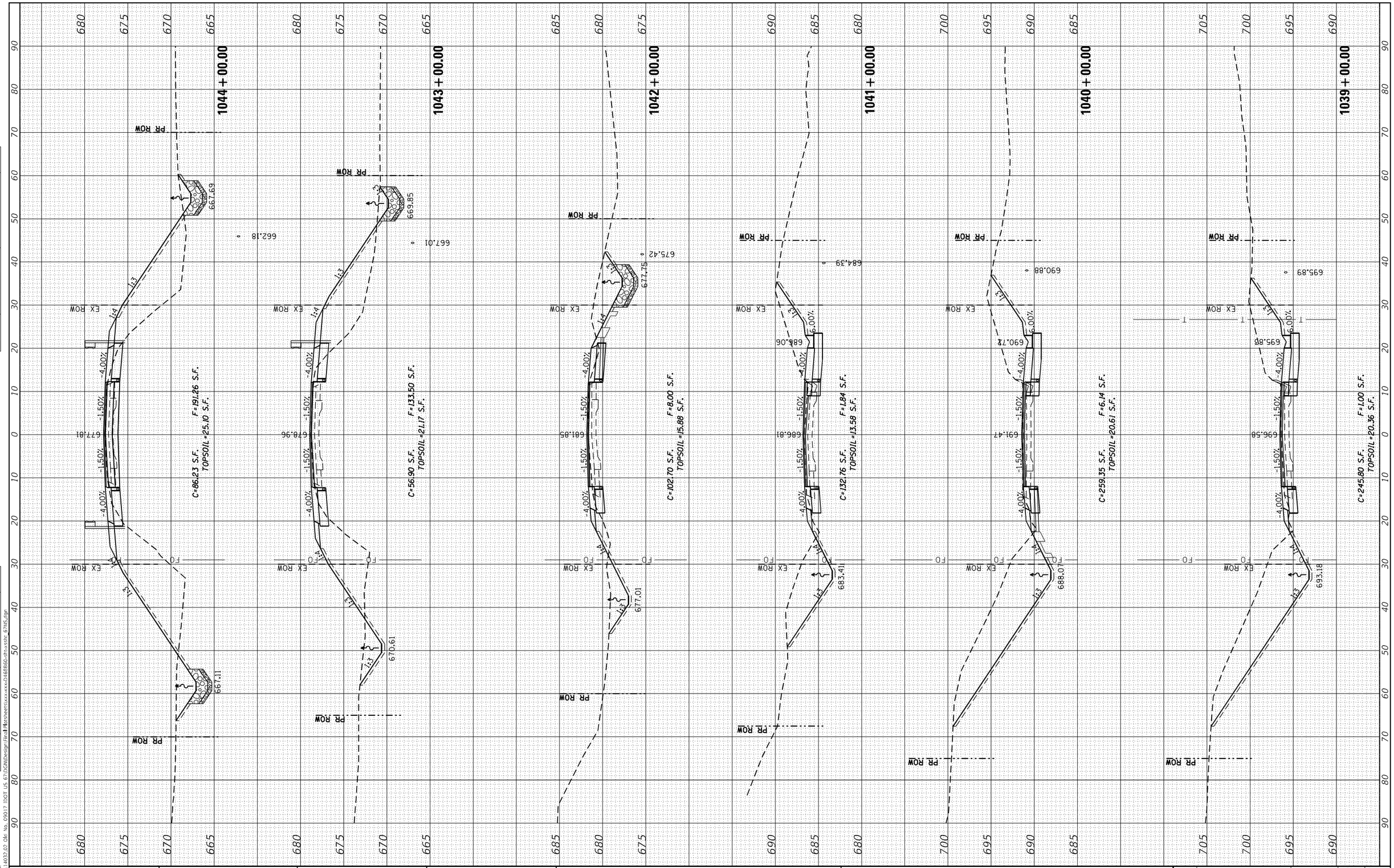
EFK•Moen Civil Engineering Design	USER NAME = ZWaters	DESIGNED - JRD	REVISED -
		DRAWN - JRD	REVISED -
	PLOT SCALE = 20.0000 ' / in.	CHECKED - SLD	REVISED -
	PLOT DATE = 3/22/2023	DATE - 3/22/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 310
CROSS SECTIONS

SCALE: 5'V : 10'H | SHEET 17 OF 74 SHEETS | STA. 1034+00.00 | TO STA. 1038+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	28W-2, 29W-1; 28RS-6, 29RS-4	WARREN	277	220
		CONTRACT NO. 68B60		
	ILLINOIS FED. AID PROJECT			



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

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

MODEL: Default
FILE NAME: Z:\14032.02 Ole No. 09017 IDOT US 67\DGN\Design Files\Plansheets\xxxx=xxx=D1688B60-sht-xxsht 67HS.dgn

EFK•Moen Civil Engineering Design	USER NAME = ZWaters	DESIGNED - JRD	REVISED -
		DRAWN - JRD	REVISED -
	PLOT SCALE = 20.0000 ' / in.	CHECKED - SLD	REVISED -
	PLOT DATE = 3/22/2023	DATE - 3/22/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 310
CROSS SECTIONS

SCALE: 5'V : 10'H | SHEET 18 OF 74 SHEETS | STA. 1039+00.00 TO STA. 1044+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	28W-2, 29W-1; 28RS-6, 29RS-4	WARREN	277	221
		CONTRACT NO. 68B60		
		ILLINOIS	FED. AID PROJECT	

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

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

MODEL: Default
FILE NAME: Z:\14032.02 Old No. 09017 IDOT US 67\DGN\Design\Final\Plotsheets\xxx-xxx-D468B60-sht-xssht_67NS.dgn

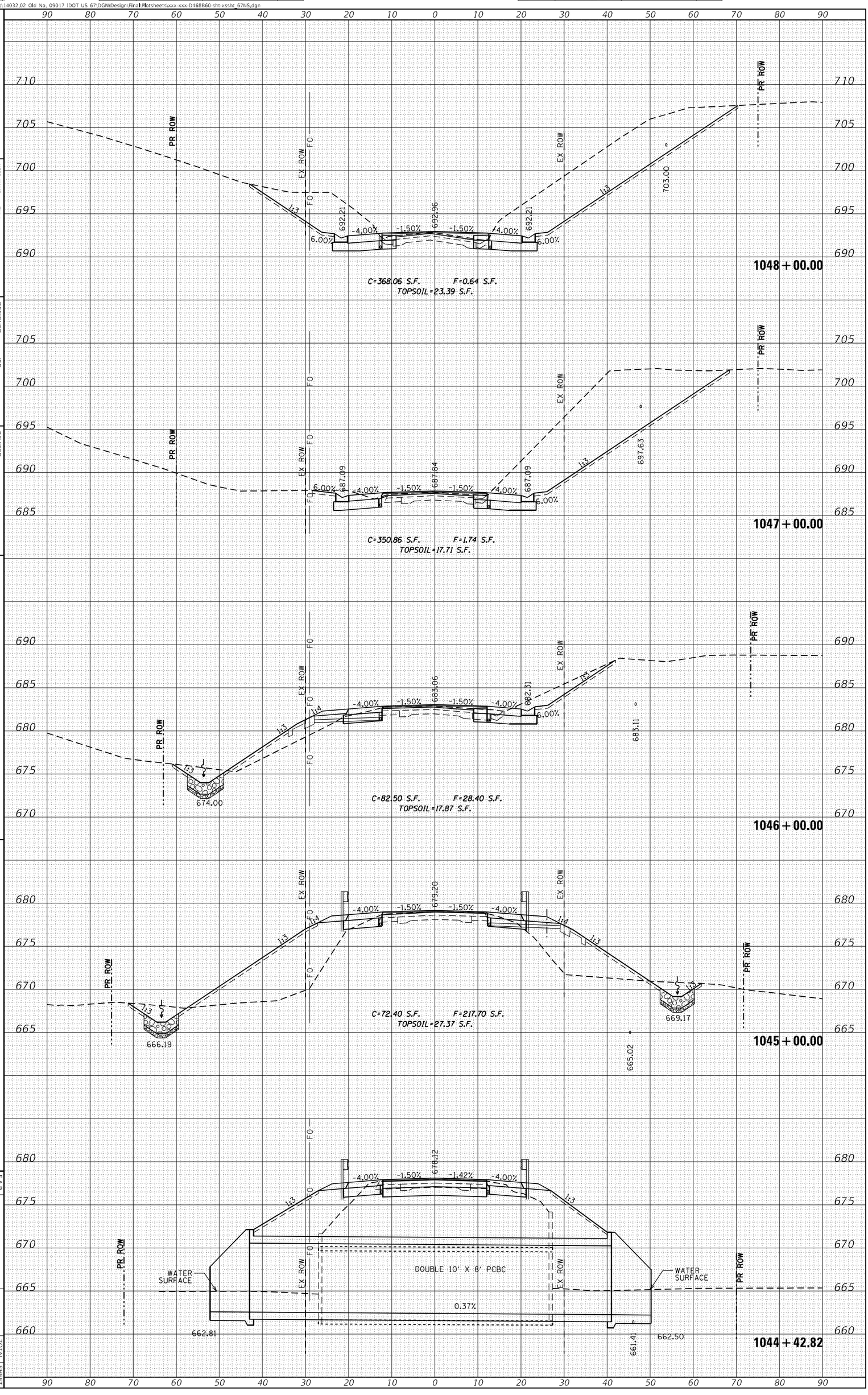
EFK•Moen
Civil Engineering Design

USER NAME = ZWaters
PLOT SCALE = 20.0000 ' / in.
PLOT DATE = 3/22/2023

DESIGNED - JRD
DRAWN - JRD
CHECKED - SLD
DATE - 3/22/2023

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



FAP 310
CROSS SECTIONS

SCALE: 5'V : 10'H
SHEET 19 OF 74 SHEETS
STA. 1044+42.82 TO STA. 1048+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	28W-2, 29W-1; 28RS-6, 29RS-4	WARREN	277	222

ILLINOIS FED. AID PROJECT
CONTRACT NO. 68B60

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

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

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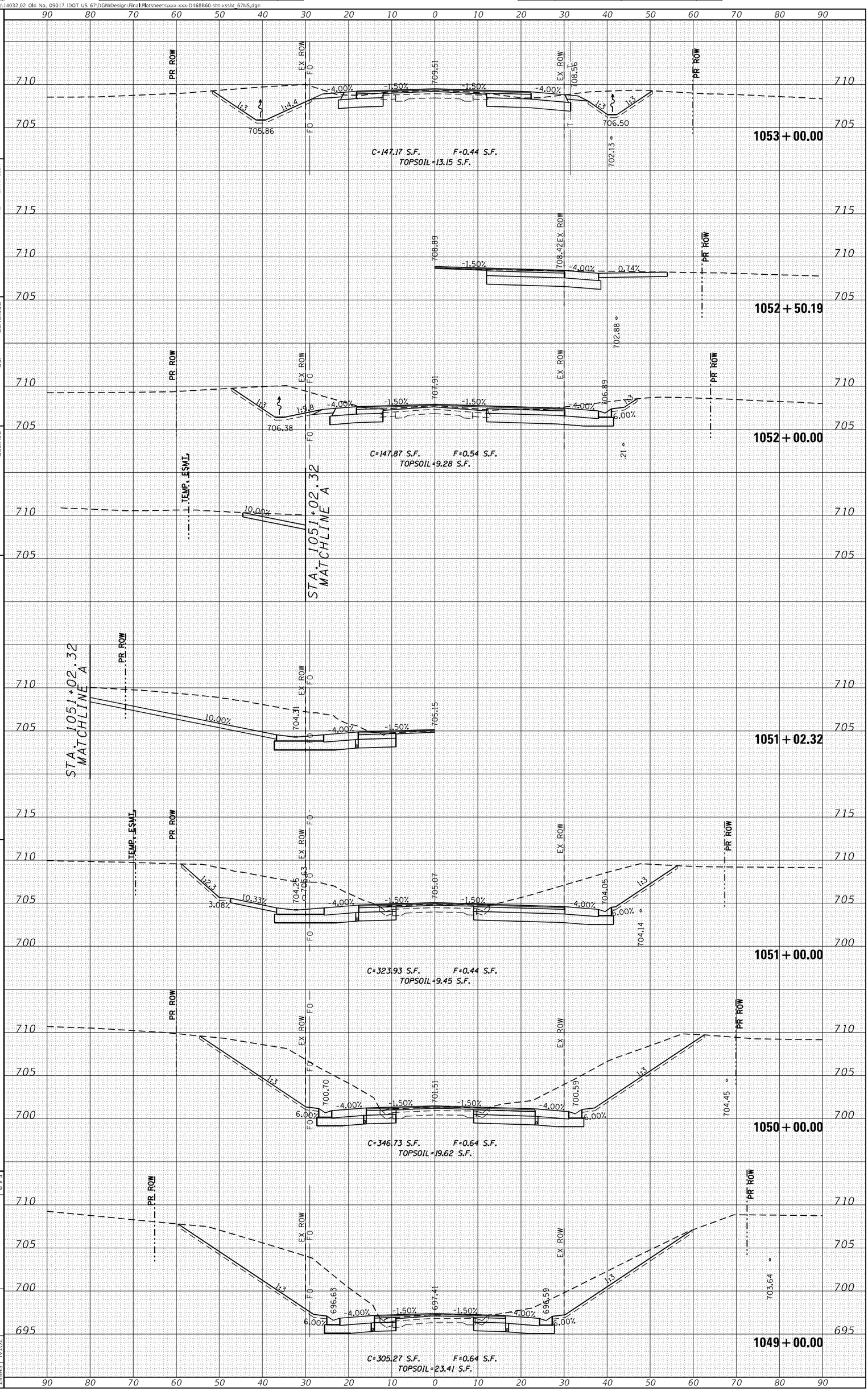

EFK•Moen
Civil Engineering Design

USER NAME = ZWaters
PLOT SCALE = 20.0000 ' / in.
PLOT DATE = 3/22/2023

DESIGNED - JRD
DRAWN - JRD
CHECKED - SLD
DATE - 3/22/2023

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 310
CROSS SECTIONS

SCALE: 5'V : 10'H
SHEET 20 OF 74 SHEETS
STA. 1049+00.00 TO STA. 1053+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	28W-2, 29W-1; 28RS-6, 29RS-4	WARREN	277	223

CONTRACT NO. 68B60
ILLINOIS FED. AID PROJECT

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

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

MODEL: Default
FILE NAME: Z:\14032.02 Ole No. 09017 IDOT US 67\DGN\Design Files\Plansheets\xxxx-xxxx-D468B60-sh-xxshr 67NS.dgn

1058+00.00

C=194.12 S.F.
TOPSOIL=15.21 S.F.
F=0.44 S.F.

1057+00.00

C=83.50 S.F.
TOPSOIL=10.00 S.F.
F=2.54 S.F.

1056+00.00

C=113.67 S.F.
TOPSOIL=14.83 S.F.
F=8.64 S.F.

1055+50.00

1055+00.00

C=151.58 S.F.
TOPSOIL=16.72 S.F.
F=3.64 S.F.

1054+00.00

C=127.79 S.F.
TOPSOIL=15.82 S.F.
F=3.21 S.F.

EFK•Moen Civil Engineering Design	USER NAME = ZWaters	DESIGNED -	REVISED -
		DRAWN - JRD	REVISED -
	PLOT SCALE = 20.0000 ' / in.	CHECKED - SLD	REVISED -
	PLOT DATE = 3/22/2023	DATE - 3/22/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 310
CROSS SECTIONS

SCALE: 5'V : 10'H | SHEET 21 OF 74 SHEETS | STA. 1054+00.00 | TO STA. 1058+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	28W-2, 29W-1; 28RS-6, 29RS-4	WARREN	277	224
		CONTRACT NO. 68B60		
		ILLINOIS FED. AID PROJECT		

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

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

MODEL: Default
FILE NAME: Z:\14032.02 Okl No. 69017 IDOT US 67\DGN\Design Final\Plansheets\xxx-xxx-D1468860-sh-xxsht 67NS.dgn

1064+00.00

PR ROW
687.03°
EX ROW
680.00
FO
683.01
-4.00%
-1.50%
1:4
1:3
C=567.45 S.F.
TOPSOIL=26.46 S.F.
F=0.44 S.F.
PR ROW

1063+00.00

PR ROW
686.97°
EX ROW
684.00
FO
686.96
-4.00%
-1.50%
1:4
1:3
C=241.64 S.F.
TOPSOIL=18.79 S.F.
F=0.44 S.F.
PR ROW

1062+00.00

PR ROW
687.16°
EX ROW
689.96
FO
690.96
-4.00%
-1.50%
1:4
1:3
C=245.42 S.F.
TOPSOIL=18.69 S.F.
F=0.44 S.F.
PR ROW

1061+00.00

PR ROW
691.72°
EX ROW
692.00
FO
695.00
-4.00%
-1.50%
1:4
1:3
C=297.54 S.F.
TOPSOIL=18.34 S.F.
F=0.44 S.F.
PR ROW

1060+00.00

PR ROW
696.58°
EX ROW
696.00
FO
698.92
-4.00%
-1.50%
1:4
1:3
C=306.86 S.F.
TOPSOIL=18.20 S.F.
F=12.30 S.F.
PR ROW

1059+00.00

PR ROW
699.86°
EX ROW
700.00
FO
702.29
-4.00%
-1.50%
1:4
1:3
C=258.76 S.F.
TOPSOIL=17.11 S.F.
F=0.44 S.F.
PR ROW

EFK•Moen
Civil Engineering Design

USER NAME = ZWaters	DESIGNED - JRD	REVISED -	
	DRAWN - JRD	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - SLD	REVISED -	
PLOT DATE = 3/22/2023	DATE - 3/22/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 310
CROSS SECTIONS

SCALE: 5'V : 10'H | SHEET 22 OF 74 SHEETS | STA. 1059+00.00 TO STA. 1064+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	28W-2, 29W-1; 28RS-6, 29RS-4	WARREN	277	225
		CONTRACT NO. 68B60		
	ILLINOIS	FED. AID PROJECT		

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

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

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1069+00.00

655.72 ◦
659.52
666.05
PR ROW
EX ROW
F.O.
T
4.00%
1.50%
1:4
1:3
C=67.01 S.F.
TOPSOIL=16.46 S.F.
F=12.06 S.F.

1068+00.00

664.71 ◦
664.92
667.92
PR ROW
EX ROW
F.O.
T
4.00%
1.50%
1:4
1:3
C=69.23 S.F.
TOPSOIL=12.63 S.F.
F=1.15 S.F.

1067+00.00

670.02 ◦
669.99
670.92
PR ROW
EX ROW
F.O.
T
4.00%
1.50%
1:4
1:3
C=117.55 S.F.
TOPSOIL=18.80 S.F.
F=0.60 S.F.

1066+00.00

669.52 ◦
671.74
674.74
PR ROW
EX ROW
F.O.
T
4.00%
1.50%
1:4
1:3
C=114.20 S.F.
TOPSOIL=16.09 S.F.
F=4.70 S.F.

1065+00.00

679.41 ◦
675.95
678.95
PR ROW
EX ROW
F.O.
T
4.00%
1.50%
1:4
1:3
C=490.71 S.F.
TOPSOIL=27.12 S.F.
F=12.29 S.F.

EFK•Moen
Civil Engineering Design

USER NAME = ZWaters	DESIGNED - JRD		REVISED -
	DRAWN - JRD		REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - SLD		REVISED -
PLOT DATE = 3/22/2023	DATE - 3/22/2023		REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 310
CROSS SECTIONS

SCALE: 5'V : 10'H | SHEET 23 OF 74 SHEETS | STA. 1065+00.00 | TO STA. 1069+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	28W-2, 29W-1; 28RS-6, 29RS-4	WARREN	277	226
		CONTRACT NO. 68B60		
	ILLINOIS	FED. AID PROJECT		

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

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

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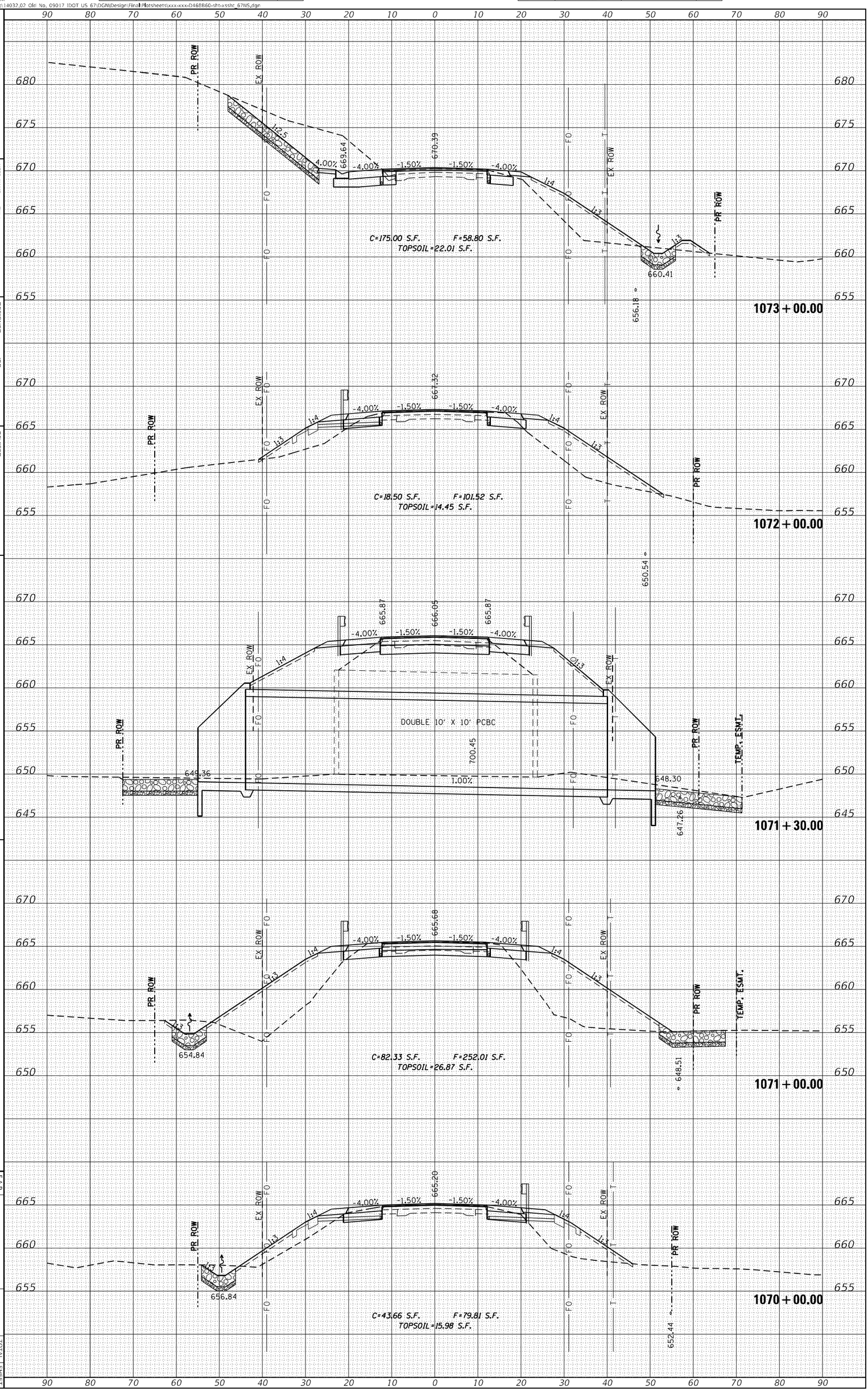
EFK•Moen
Civil Engineering Design

USER NAME = ZWalters
PLOT SCALE = 20.0000 ' / in.
PLOT DATE = 3/22/2023

DESIGNED - JRD
DRAWN - JRD
CHECKED - SLD
DATE - 3/22/2023

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



FAP 310
CROSS SECTIONS

SCALE: 5'V : 10'H
SHEET 24 OF 74 SHEETS
STA. 1070+00.00 TO STA. 1073+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	28W-2, 29W-1; 28RS-6, 29RS-4	WARREN	277	227

ILLINOIS FED. AID PROJECT
CONTRACT NO. 68B60

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

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

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1077+00.00

PR ROW
692.12
EX ROW
686.76
687.51
-4.00%
-1.50%
1:3
1:3
FO
FO
EX ROW
T
T
G
G
PR ROW

C=295.88 S.F.
TOPSOIL=22.89 S.F.
F=0.77 S.F.

1076+00.00

PR ROW
685.89
EX ROW
682.02
682.75
-4.00%
-1.50%
1:3
1:2.5
FO
FO
EX ROW
T
T
PR ROW
EX PERM/EASEMENT

C=184.98 S.F.
TOPSOIL=16.12 S.F.
F=0.77 S.F.

1075+00.00

PR ROW
668.87
EX ROW
671.51
678.18
678.38
-4.00%
-1.50%
1:3
1:4
1:2.5
FO
FO
EX ROW
T
T
PR ROW

C=223.64 S.F.
TOPSOIL=19.75 S.F.
F=10.80 S.F.

1074+00.00

PR ROW
660.47
EX ROW
665.51
673.95
674.15
-4.00%
-1.50%
1:3
1:4
1:2
FO
FO
EX ROW
T
T
PR ROW

C=254.70 S.F.
TOPSOIL=21.26 S.F.
F=26.40 S.F.

USER NAME = ZWaters	DESIGNED - JRD	REVISED -	
	DRAWN - JRD	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - SLD	REVISED -	
PLOT DATE = 3/22/2023	DATE - 3/22/2023	REVISED -	

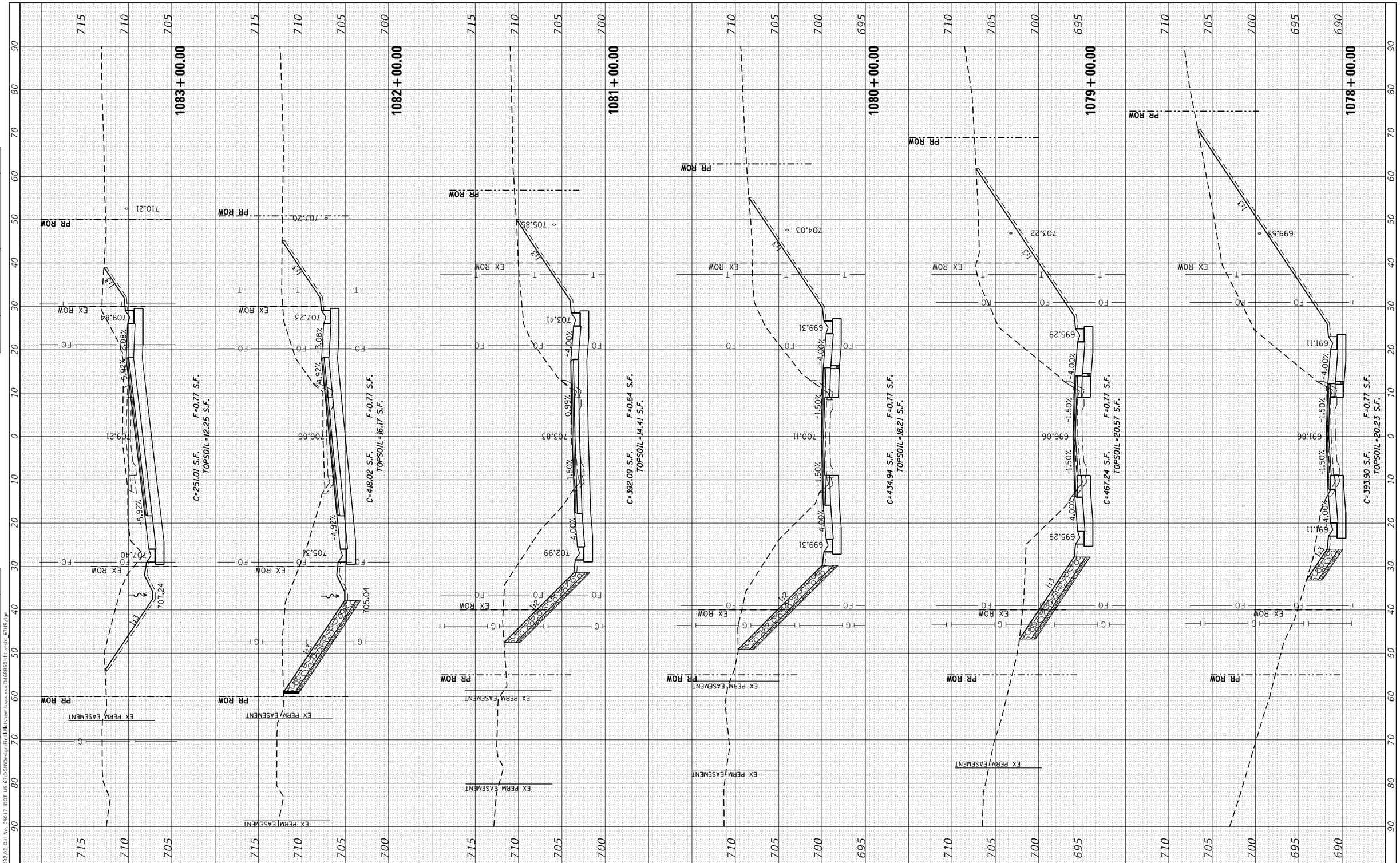
EFK•Moen
Civil Engineering Design

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 310
CROSS SECTIONS

SCALE: 5'V : 10'H | SHEET 25 OF 74 SHEETS | STA. 1074+00.00 TO STA. 1077+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	28W-2, 29W-1; 28RS-6, 29RS-4	WARREN	277	228
		CONTRACT NO. 68B60		
		ILLINOIS FED. AID PROJECT		



EFK•Moen Civil Engineering Design	USER NAME = ZWaters	DESIGNED - JRD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP 310 CROSS SECTIONS
		DRAWN - JRD	REVISED -		
	PLOT SCALE = 20.0000 ' / in.	CHECKED - SLD	REVISED -		
	PLOT DATE = 3/22/2023	DATE - 3/22/2023	REVISED -		SCALE: 5'V : 10'H · SHEET 26 OF 74 SHEETS · STA. 1078+00.00 TO STA. 1083+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	28W-2, 29W-1; 28RS-6, 29RS-4	WARREN	277	229
		CONTRACT NO. 68B60		
		ILLINOIS FED. AID PROJECT		

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NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS		
	AREAS CHECKED		

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

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1086+33.00
1086+00.00
1085+02.71 (245TH AVENUE)
1084+00.00
1083+70.00

STA. 1085+02.71 MATCHLINE B
STA. 1085+02.71 MATCHLINE A

PR ROW
EX ROW
PR. TEMP. EASEMENT
EX PERM. EASEMENT

706.87 ◊
706.65 ◊
708.38 ◊
708.17 ◊
711.92
710.88
710.45
705.68
709.07
709.45
707.93
710.00
712.16
712.22
710.69
709.79

-2.00%
-3.07%
-2.45%
-5.92%
-2.08%
2.33%
4.1%

C=87.97 S.F. F=22.30 S.F. TOPSOIL=14.18 S.F.
C=132.38 S.F. F=0.58 S.F. TOPSOIL=9.17 S.F.

USGS TEXOLA
1085+02.71
N 1572609.2
E 2166105.0

ELEV 708.03

USER NAME = ZWaters	DESIGNED - JRD	REVISED -
	DRAWN - JRD	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - SLD	REVISED -
PLOT DATE = 3/22/2023	DATE - 3/22/2023	REVISED -

EFK•Moen
Civil Engineering Design

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 310
CROSS SECTIONS

SCALE: 5'V : 10'H | SHEET 27 OF 74 SHEETS | STA. 1083+70.00 | TO STA. 1086+33.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	28W-2, 29W-1; 28RS-6, 29RS-4	WARREN	277	230
		CONTRACT NO. 68B60		
		ILLINOIS	FED. AID PROJECT	

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

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

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1093 + 00.00

PR ROW — EX ROW — 706.70 — 707.90 — 1:4 — 1:3 — -4.00% — -1.50% — 710.96 — F.O. — 707.57

C=91.90 S.F.
TOPSOIL=13.33 S.F.
F=3.34 S.F.
TOPSOIL=13.33 S.F.

1092 + 00.00

PR ROW — EX ROW — 706.98 — 708.20 — 1:4 — 1:3 — -4.00% — -1.50% — 711.27 — F.O. — 708.14

C=100.18 S.F.
TOPSOIL=12.97 S.F.
F=2.80 S.F.
TOPSOIL=12.97 S.F.

1091 + 00.00

PR ROW — EX ROW — 706.65 — 708.50 — 1:4 — 1:3 — -4.00% — -1.50% — 711.51 — F.O. — 708.11

C=76.57 S.F.
TOPSOIL=11.08 S.F.
F=3.70 S.F.
TOPSOIL=11.08 S.F.

1090 + 00.00

PR ROW — EX ROW — 708.58 — 708.80 — 1:4 — 1:3 — -4.00% — -1.50% — 711.76 — F.O. — 709.27

C=63.30 S.F.
TOPSOIL=9.52 S.F.
F=3.52 S.F.
TOPSOIL=9.52 S.F.

1089 + 00.00

PR ROW — EX ROW — 706.62 — 709.10 — 1:4 — 1:3 — -4.00% — -0.17% — 711.86 — F.O. — 708.95

C=62.80 S.F.
TOPSOIL=9.96 S.F.
F=3.90 S.F.
TOPSOIL=9.96 S.F.

1088 + 00.00

PR ROW — EX ROW — 706.44 — 709.40 — 1:4 — 1:3 — -4.00% — -3.75% — 712.09 — F.O. — 708.61

C=62.90 S.F.
TOPSOIL=11.16 S.F.
F=11.60 S.F.
TOPSOIL=11.16 S.F.

1087 + 00.00

PR ROW — 705.15 — EX ROW — 709.70 — 1:4 — 1:3 — -4.00% — -2.08% — -5.92% — 712.12 — F.O. — 708.27

C=64.50 S.F.
TOPSOIL=11.14 S.F.
F=21.30 S.F.
TOPSOIL=11.14 S.F.

EFK•Moen
Civil Engineering Design

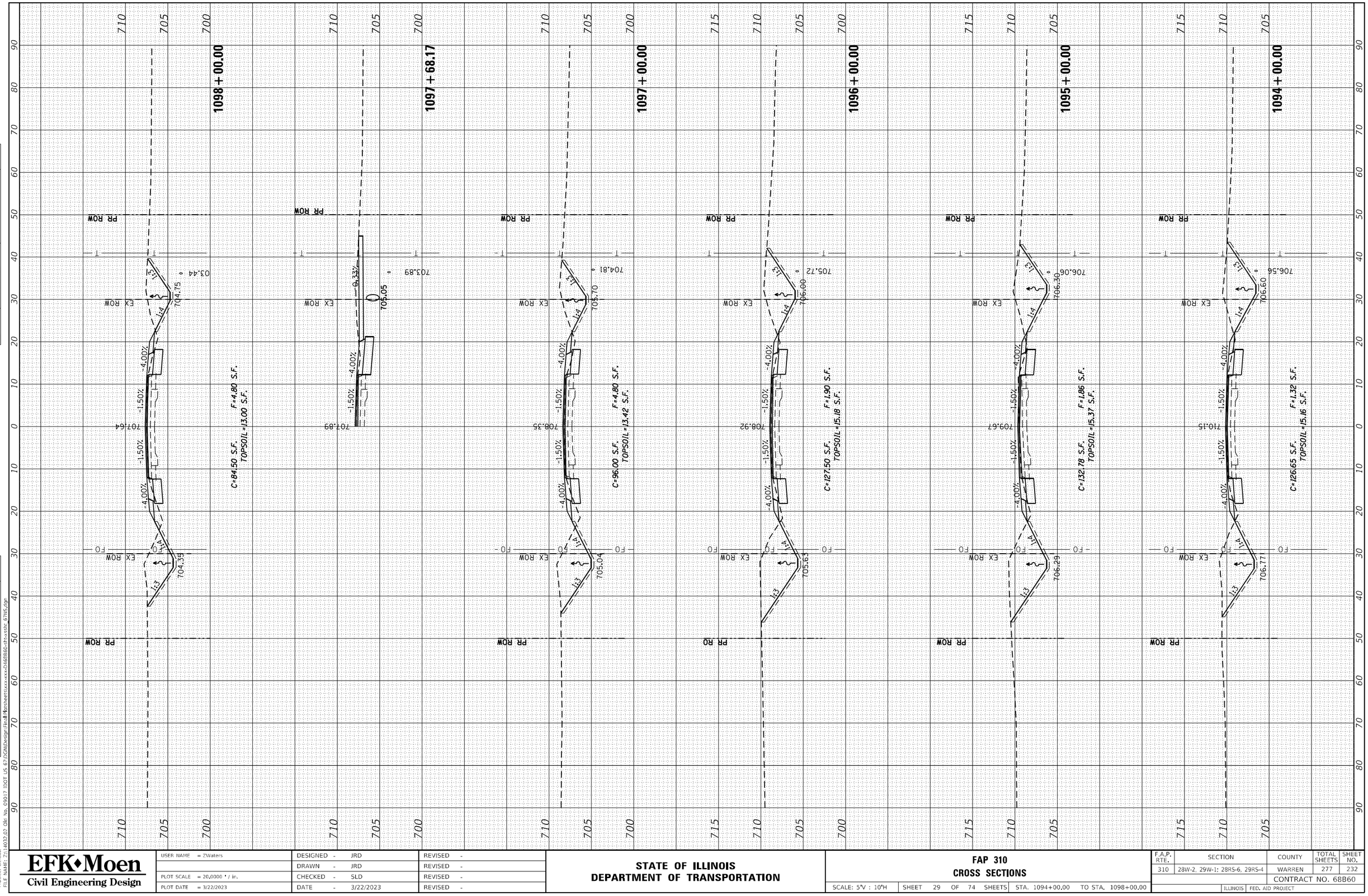
USER NAME = ZWaters	DESIGNED - JRD	REVISED -	
	DRAWN - JRD	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - SLD	REVISED -	
PLOT DATE = 3/22/2023	DATE - 3/22/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 310
CROSS SECTIONS

SCALE: 5'V : 10'H | SHEET 28 OF 74 SHEETS | STA. 1087+00.00 TO STA. 1093+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	28W-2, 29W-1; 28RS-6, 29RS-4	WARREN	277	231
		CONTRACT NO. 68B60		
		ILLINOIS	FED. AID PROJECT	



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NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS		
	AREAS CHECKED		

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

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Civil Engineering Design

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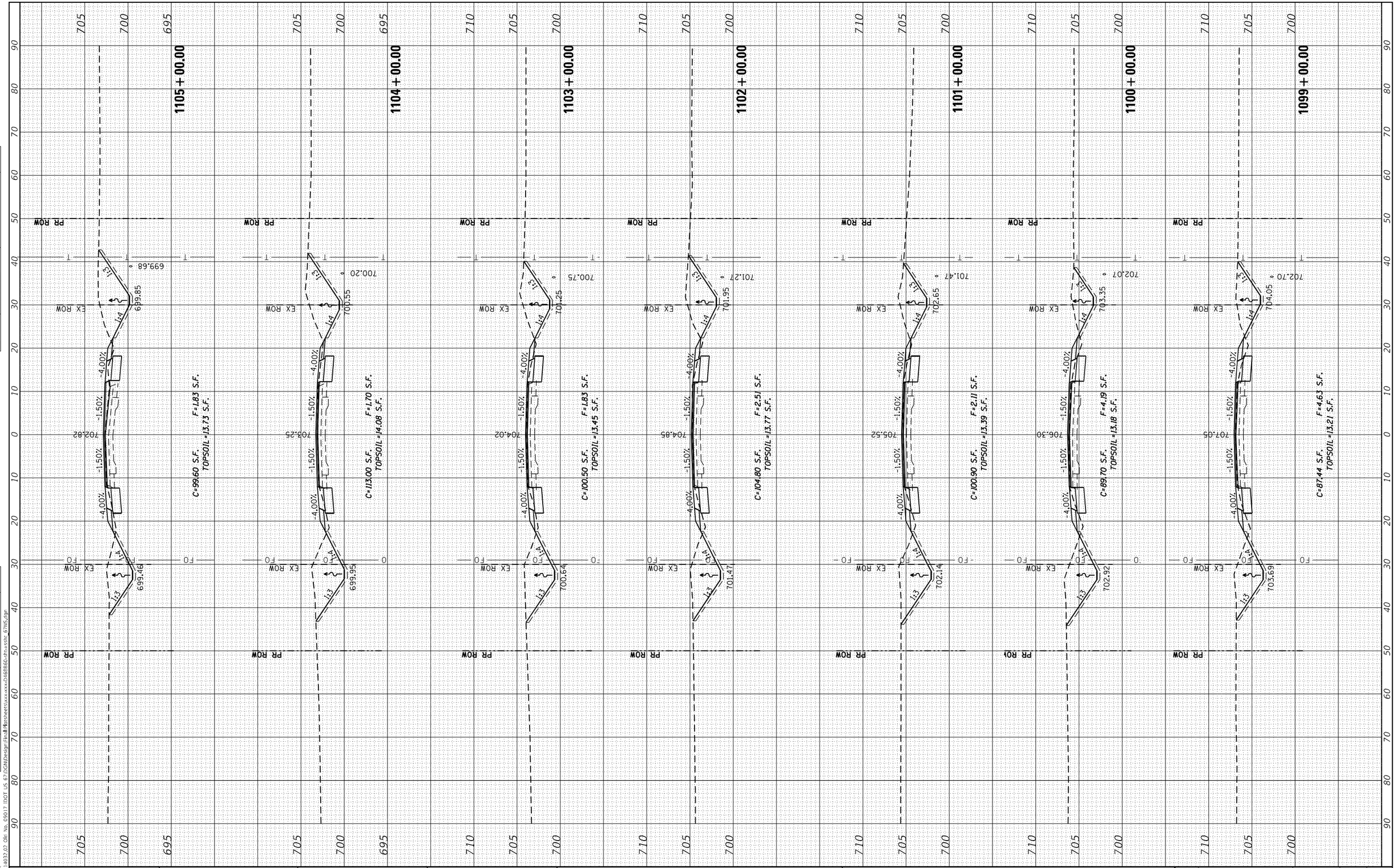
PLOT SCALE = 20.0000 ' / in.	CHECKED - SLD	REVISED -	
PLOT DATE = 3/22/2023	DATE - 3/22/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 310
CROSS SECTIONS

SCALE: 5'V : 10'H | SHEET 29 OF 74 SHEETS | STA. 1094+00.00 TO STA. 1098+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	28W-2, 29W-1; 28RS-6, 29RS-4	WARREN	277	232
		CONTRACT NO. 68B60		
		ILLINOIS FED. AID PROJECT		



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

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EFK•Moen
Civil Engineering Design

USER NAME = ZWaters	DESIGNED - JRD	REVISED -	
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PLOT SCALE = 20.0000 ' / in.	CHECKED - SLD	REVISED -	
PLOT DATE = 3/22/2023	DATE - 3/22/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 310
CROSS SECTIONS

SCALE: 5'V : 10'H | SHEET 30 OF 74 SHEETS | STA. 1099+00.00 TO STA. 1105+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	28W-2, 29W-1; 28RS-6, 29RS-4	WARREN	277	233
		CONTRACT NO. 68B60		
		ILLINOIS FED. AID PROJECT		

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

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

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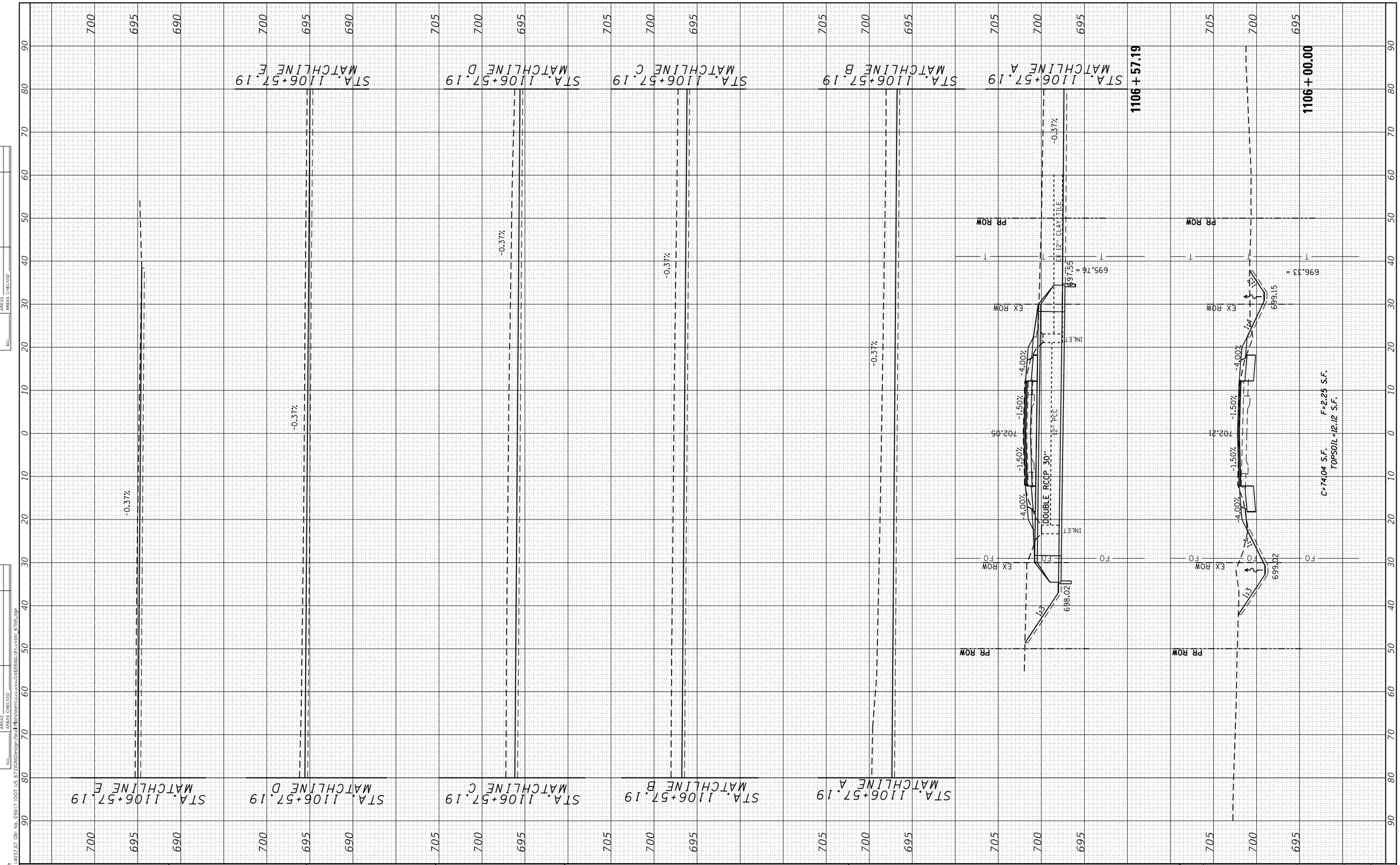

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PLOT DATE = 3/22/2023	DATE - 3/22/2023	REVISED -

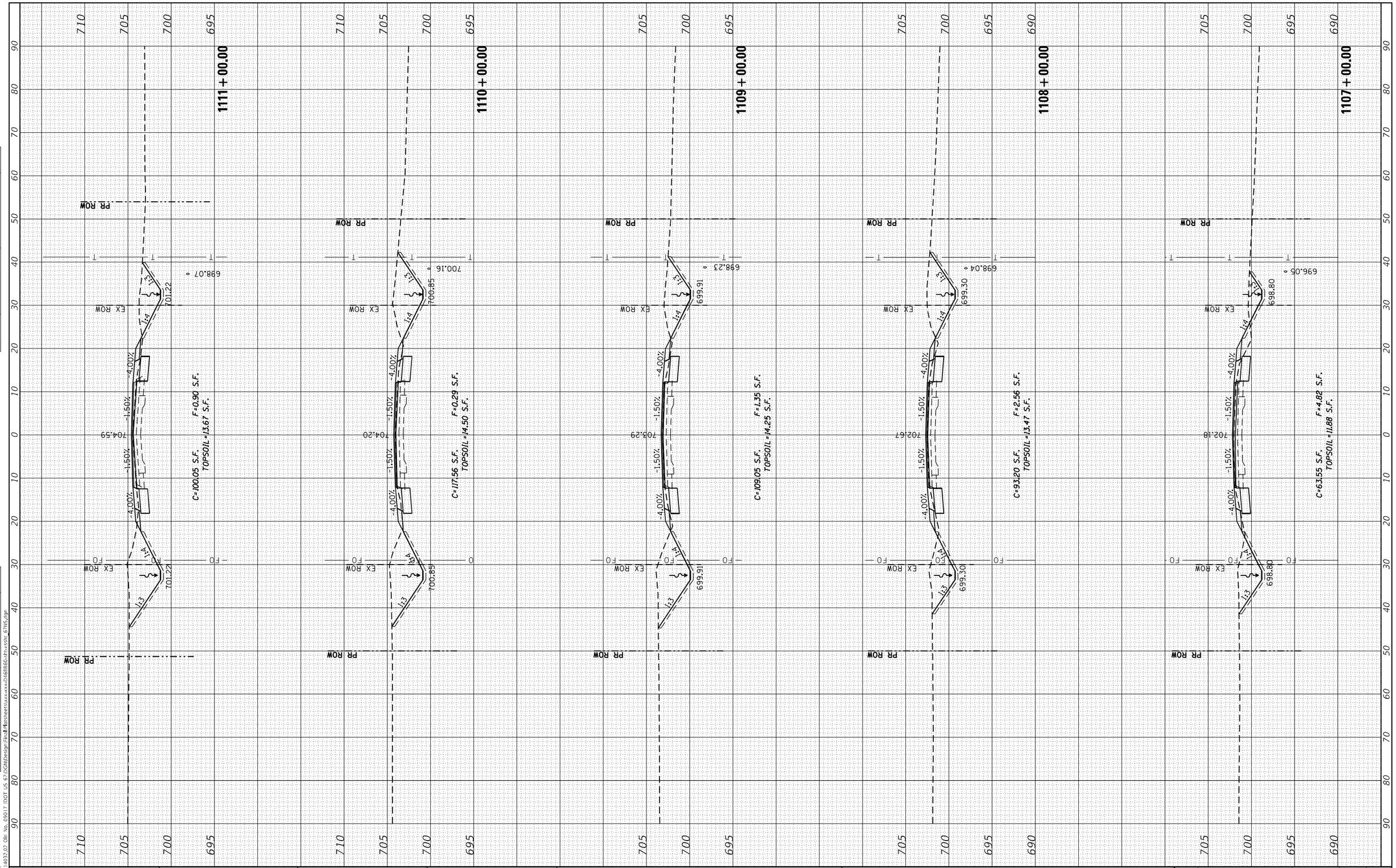
EFK•Moen
Civil Engineering Design

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 310
CROSS SECTIONS

SCALE: 5'V : 10'H | SHEET 31 OF 74 SHEETS | STA. 1106+00.00 TO STA. 1106+57.19

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	28W-2, 29W-1; 28RS-6, 29RS-4	WARREN	277	234
		CONTRACT NO. 68B60		
		ILLINOIS	FED. AID PROJECT	



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

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

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EFK•Moen
Civil Engineering Design

USER NAME = ZWaters	DESIGNED - JRD	REVISED -	
	DRAWN - JRD	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - SLD	REVISED -	
PLOT DATE = 3/22/2023	DATE - 3/22/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 310
CROSS SECTIONS

SCALE: 5'V : 10'H | SHEET 32 OF 74 SHEETS | STA. 1107+00.00 TO STA. 1111+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	28W-2, 29W-1; 28RS-6, 29RS-4	WARREN	277	235
		CONTRACT NO. 68B60		
		ILLINOIS FED. AID PROJECT		

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

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

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EFK•Moen
Civil Engineering Design

USER NAME = ZWaters
PLOT SCALE = 20.0000 ' / in.
PLOT DATE = 3/22/2023

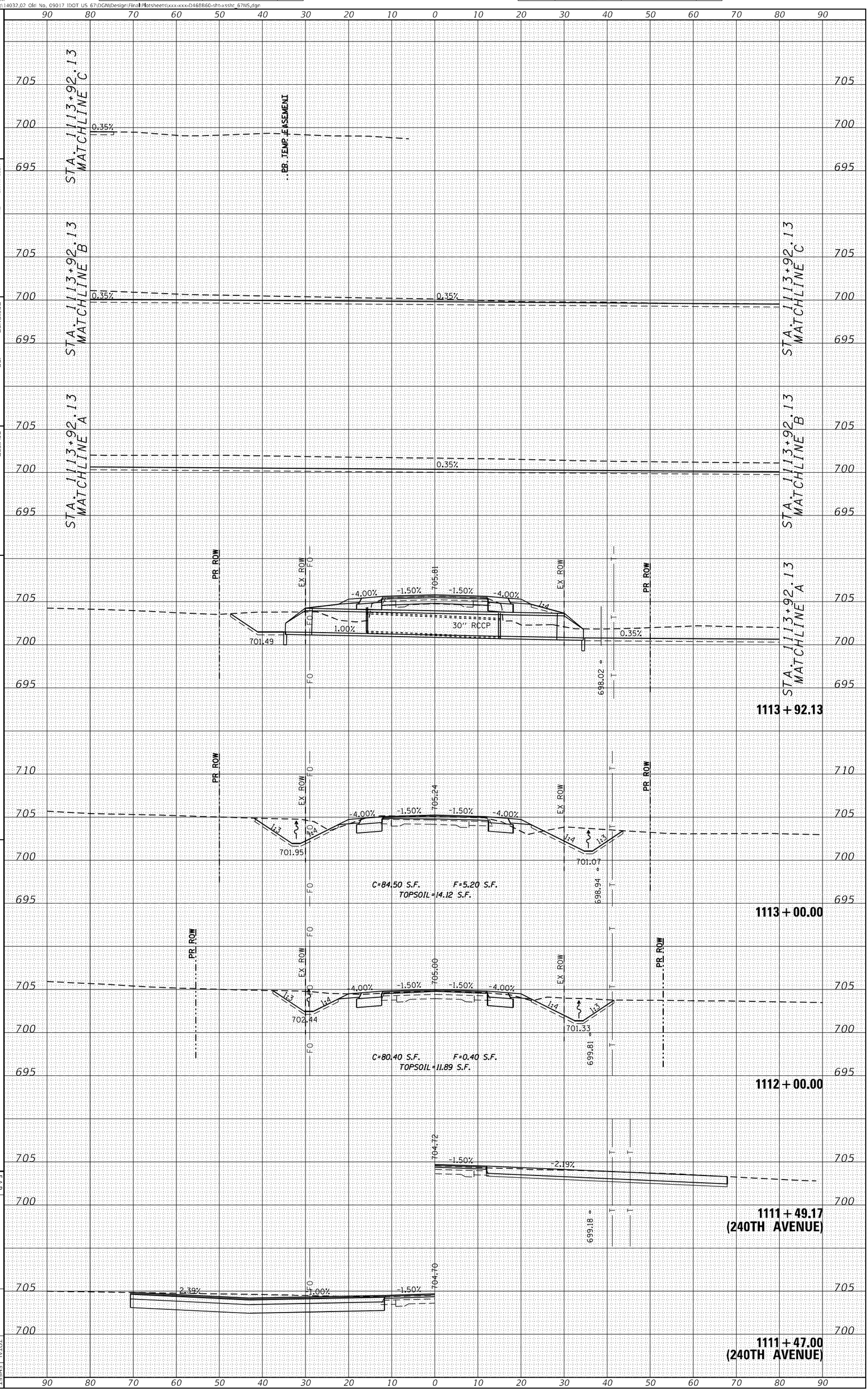
DESIGNED - JRD
DRAWN - JRD
CHECKED - SLD
DATE - 3/22/2023

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

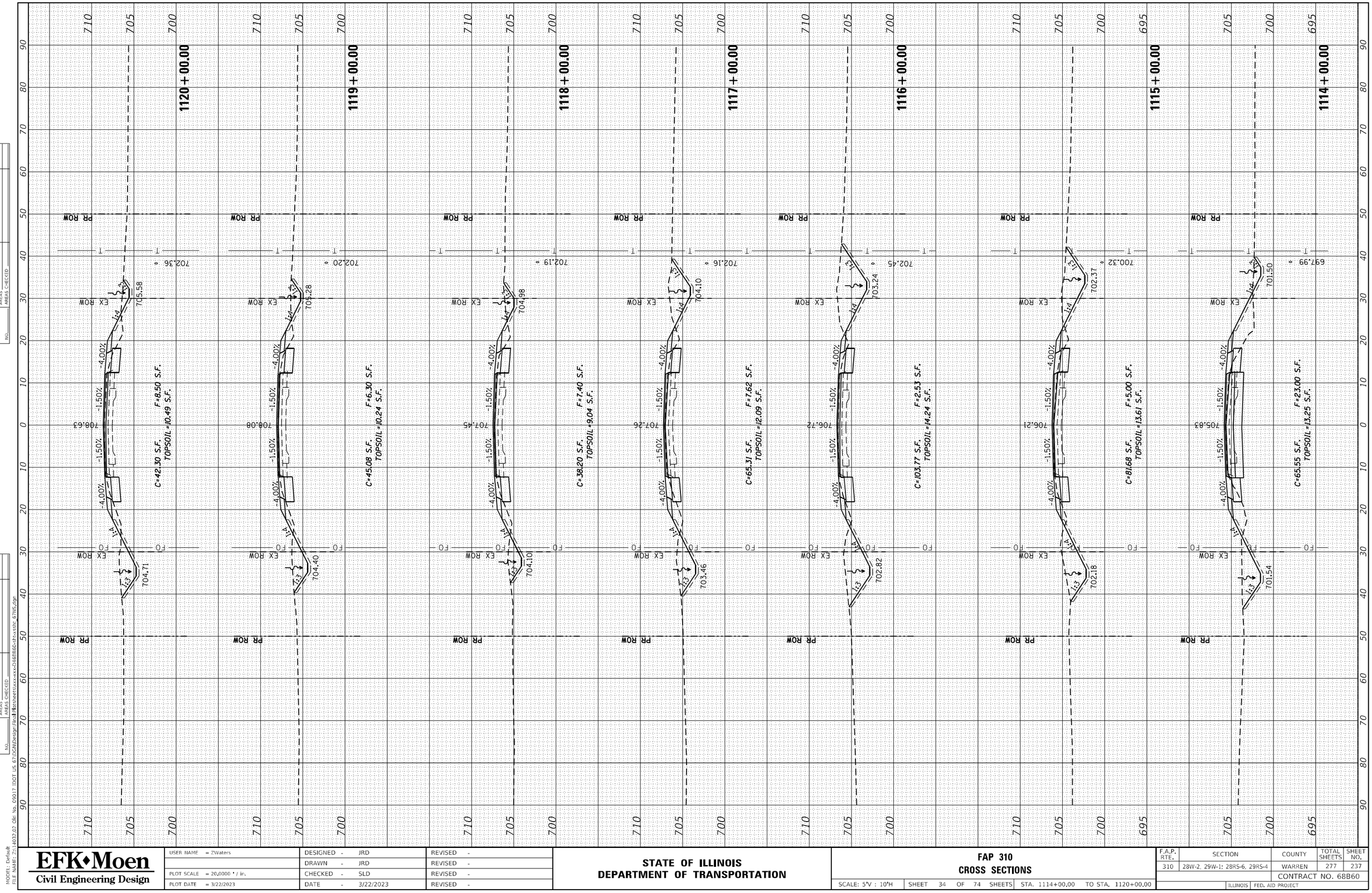
FAP 310
CROSS SECTIONS

SCALE: 5'V : 10'H
SHEET 33 OF 74 SHEETS
STA. 1111+47.00 TO STA. 1113+92.13



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	28W-2, 29W-1; 28RS-6, 29RS-4	WARREN	277	236

ILLINOIS FED. AID PROJECT
CONTRACT NO. 68B60



USER NAME = ZWaters	DESIGNED - JRD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP 310 CROSS SECTIONS	
	DRAWN - JRD	REVISED -			
PLOT SCALE = 20.0000 ' / in.	CHECKED - SLD	REVISED -			
PLOT DATE = 3/22/2023	DATE - 3/22/2023	REVISED -		SCALE: 5'V : 10'H	SHEET 34 OF 74 SHEETS STA. 1114+00.00 TO STA. 1120+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	28W-2, 29W-1; 28RS-6, 29RS-4	WARREN	277	237
		CONTRACT NO. 68B60		
		ILLINOIS FED. AID PROJECT		

EFK•Moen
Civil Engineering Design

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NOTE BOOK	SURVEYED		
NO.	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

ORIGINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
NO.	PLOTTED		
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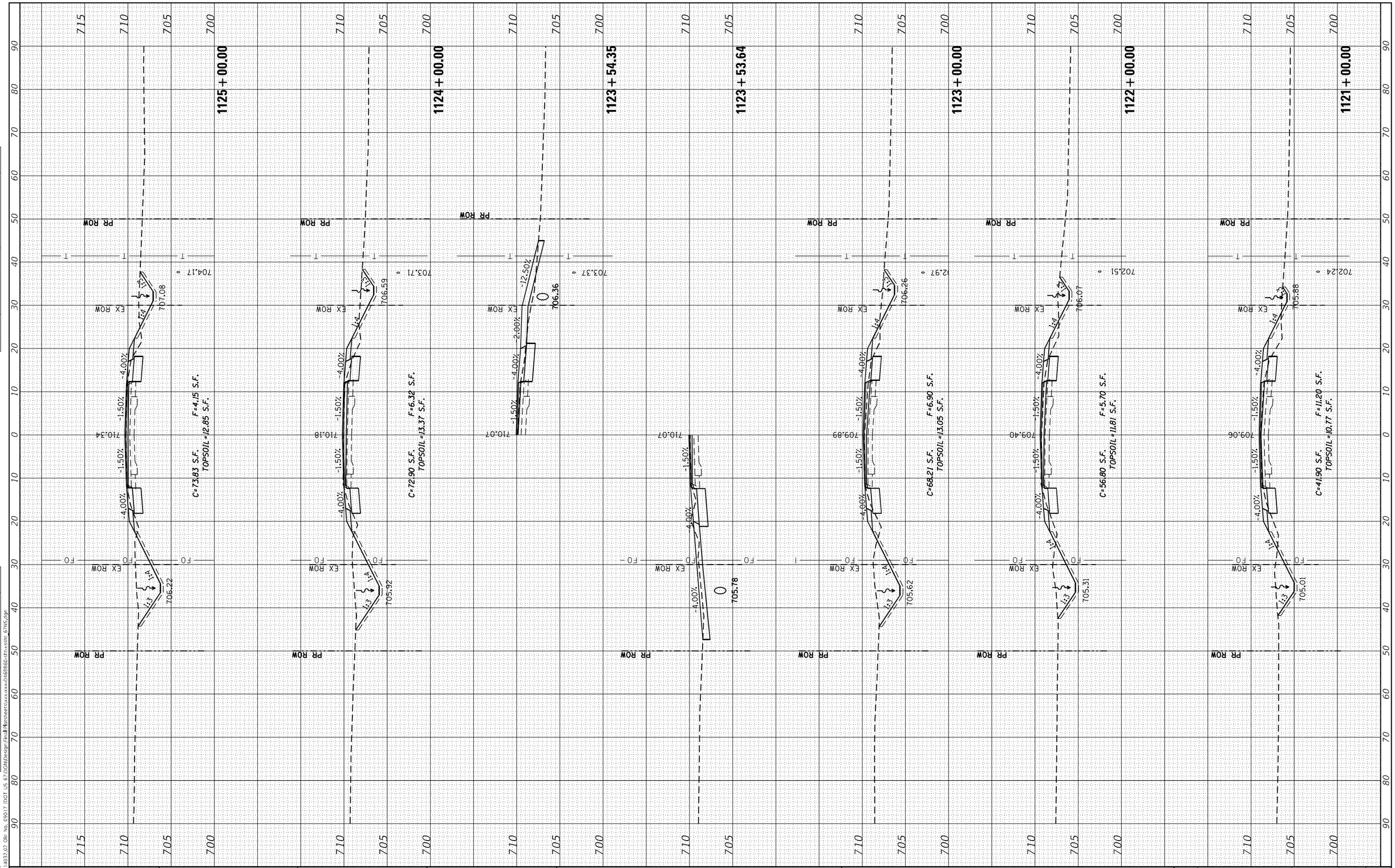

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EFK•Moen
Civil Engineering Design

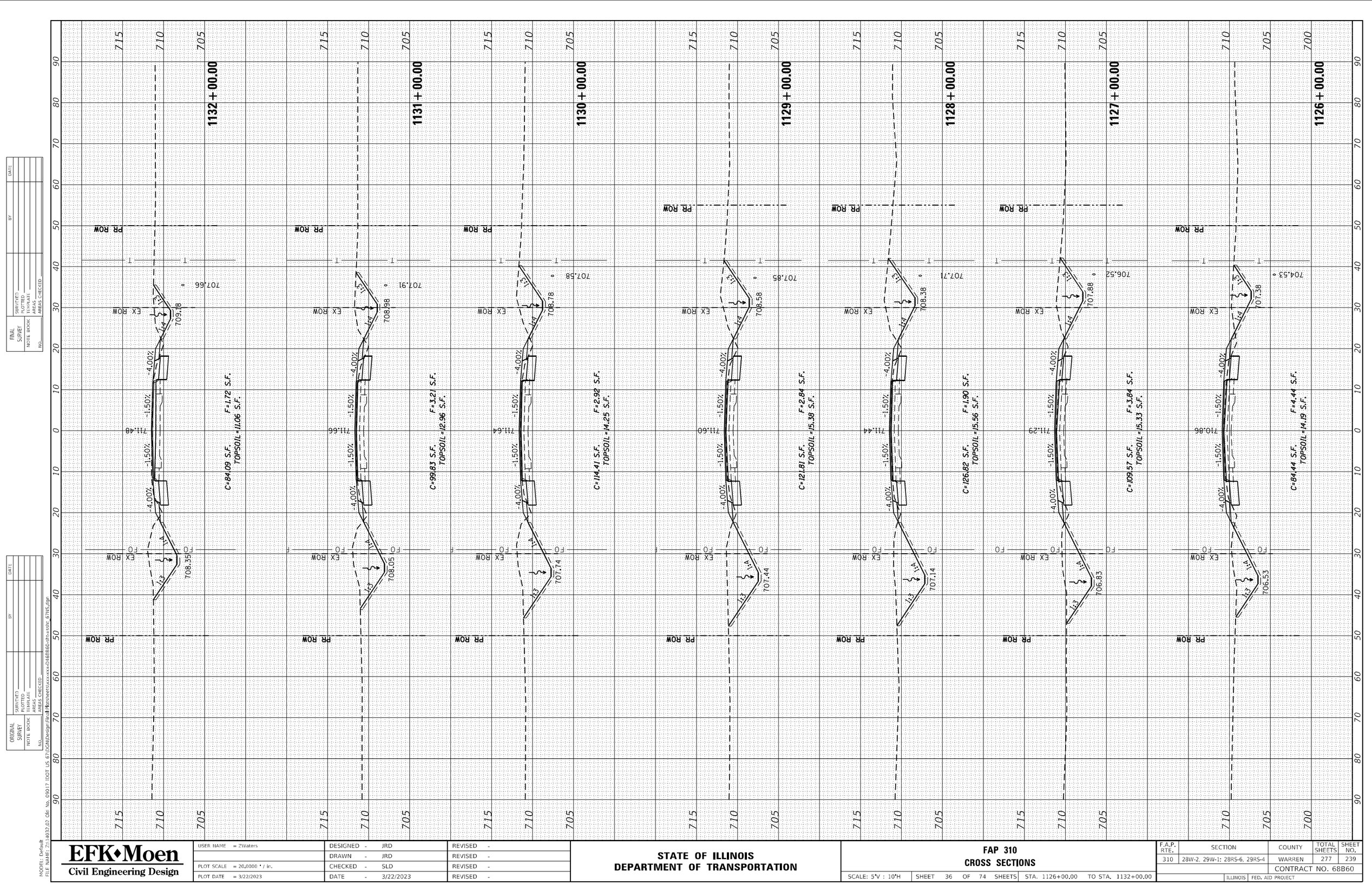
USER NAME = ZWaters	DESIGNED - JRD		REVISED -
	DRAWN - JRD		REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - SLD		REVISED -
PLOT DATE = 3/22/2023	DATE - 3/22/2023		REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 310
CROSS SECTIONS

SCALE: 5'V : 10'H | SHEET 35 OF 74 SHEETS | STA. 1121+00.00 TO STA. 1125+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	28W-2, 29W-1; 28RS-6, 29RS-4	WARREN	277	238
		CONTRACT NO. 68B60		
		ILLINOIS FED. AID PROJECT		



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

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

MODEL: Default
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EFK•Moen
Civil Engineering Design

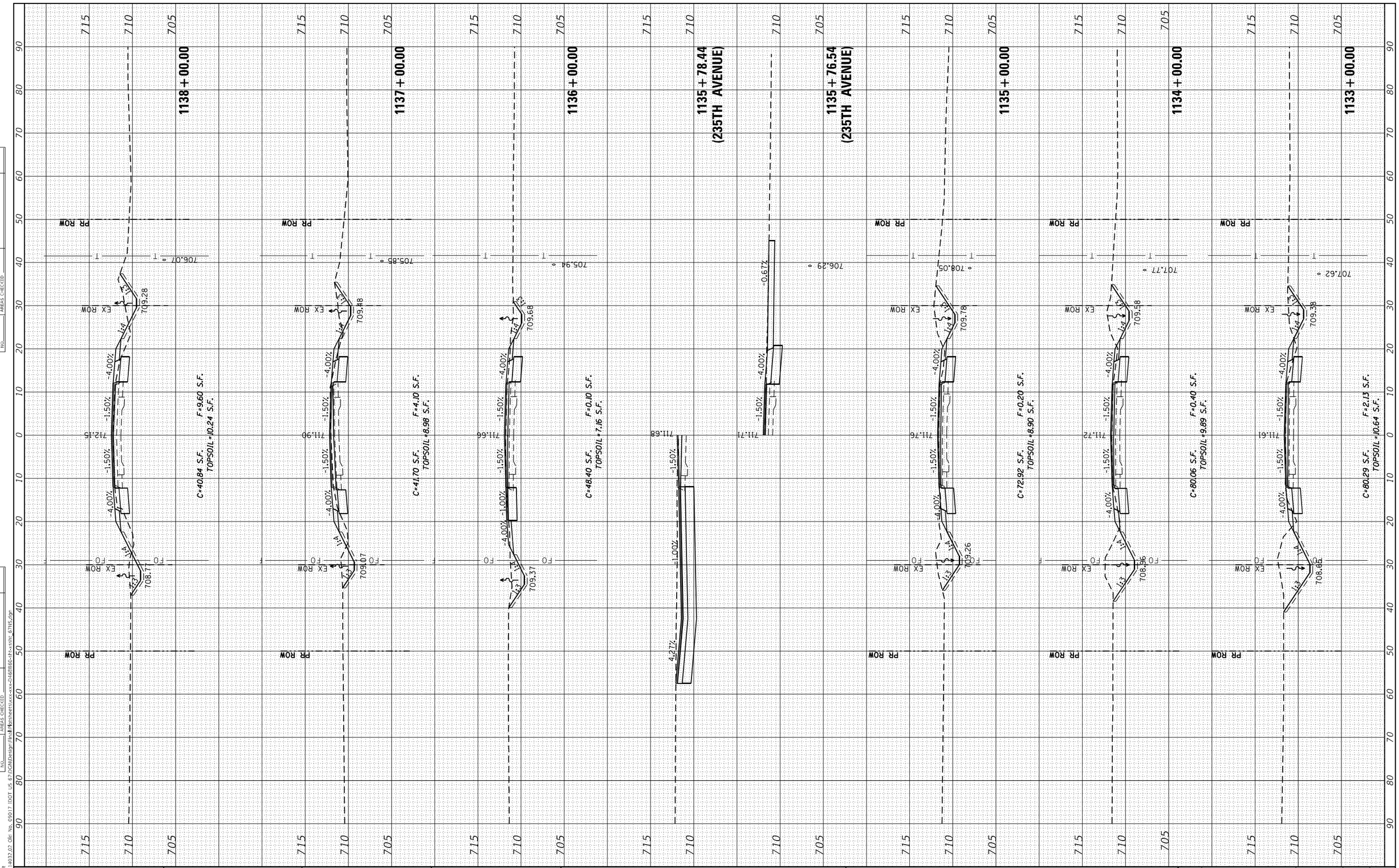
USER NAME = ZWaters	DESIGNED - JRD		REVISED -
	DRAWN - JRD		REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - SLD		REVISED -
PLOT DATE = 3/22/2023	DATE - 3/22/2023		REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 310
CROSS SECTIONS

SCALE: 5'V : 10'H | SHEET 36 OF 74 SHEETS | STA. 1126+00.00 TO STA. 1132+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	28W-2, 29W-1; 28RS-6, 29RS-4	WARREN	277	239
		CONTRACT NO. 68B60		
		ILLINOIS FED. AID PROJECT		



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

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

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EFK•Moen
Civil Engineering Design

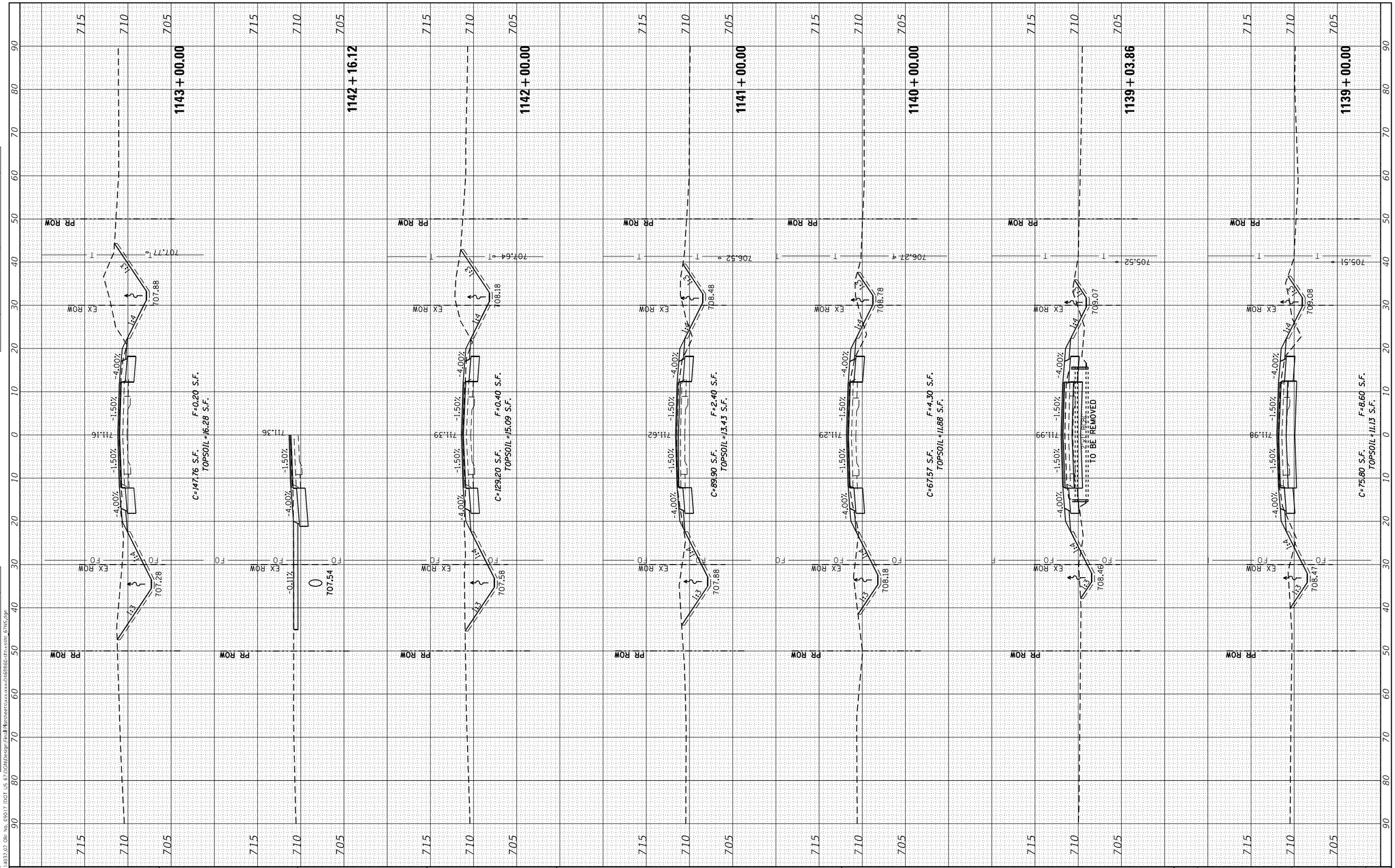
USER NAME = ZWaters	DESIGNED - JRD	REVISED -	
	DRAWN - JRD	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - SLD	REVISED -	
PLOT DATE = 3/22/2023	DATE - 3/22/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 310
CROSS SECTIONS

SCALE: 5'V : 10'H | SHEET 37 OF 74 SHEETS | STA. 1133+00.00 TO STA. 1138+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	28W-2, 29W-1; 28RS-6, 29RS-4	WARREN	277	240
		CONTRACT NO. 68B60		
		ILLINOIS FED. AID PROJECT		



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

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

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EFK•Moen
Civil Engineering Design

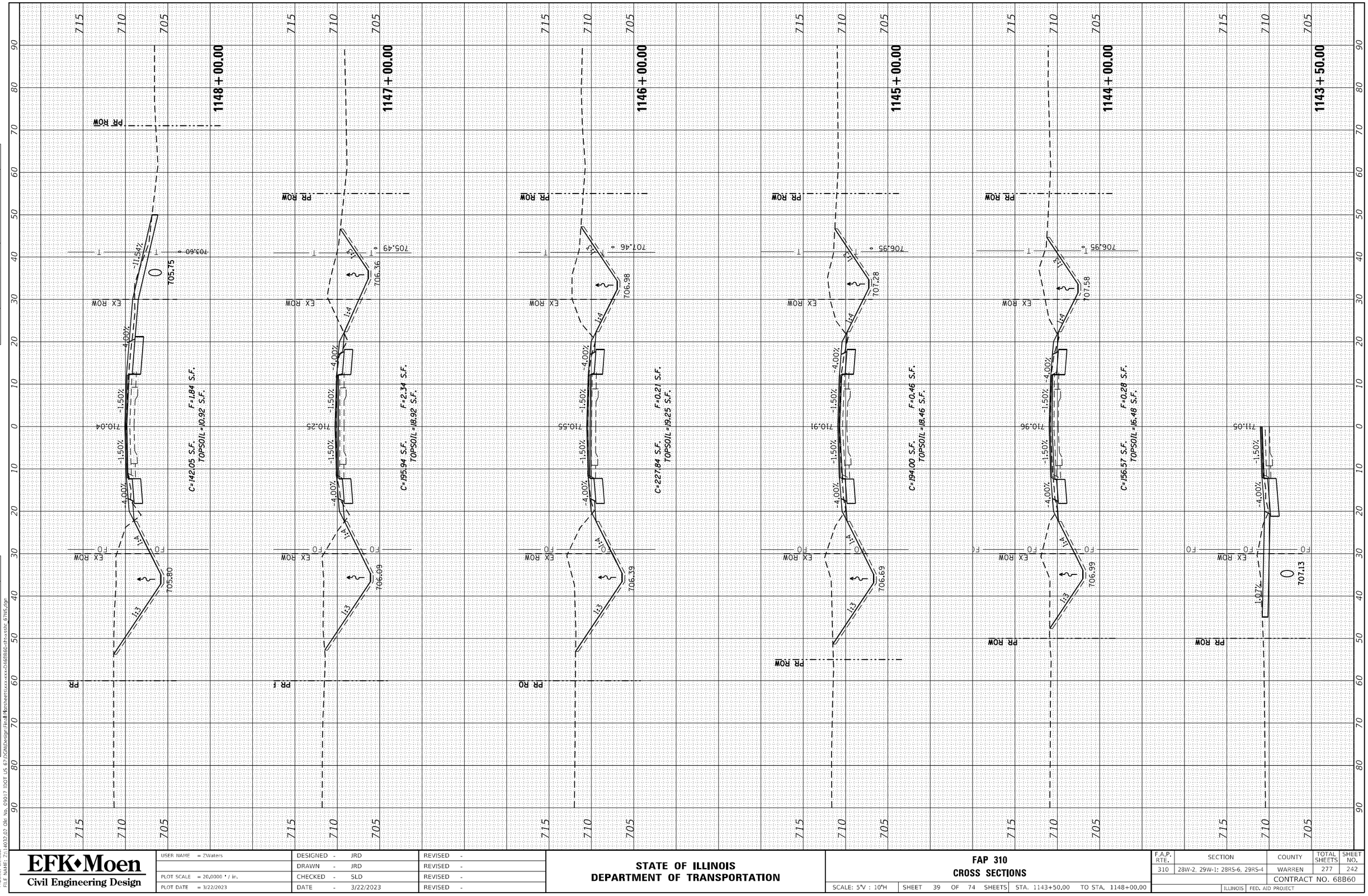
USER NAME = ZWaters	DESIGNED - JRD	REVISED -	
	DRAWN - JRD	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - SLD	REVISED -	
PLOT DATE = 3/22/2023	DATE - 3/22/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 310
CROSS SECTIONS

SCALE: 5'V : 10'H | SHEET 38 OF 74 SHEETS | STA. 1139+00.00 TO STA. 1143+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	28W-2, 29W-1; 28RS-6, 29RS-4	WARREN	277	241
		CONTRACT NO. 68B60		
		ILLINOIS FED. AID PROJECT		



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

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

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EFK•Moen
Civil Engineering Design

USER NAME = ZWaters	DESIGNED - JRD	REVISED -	
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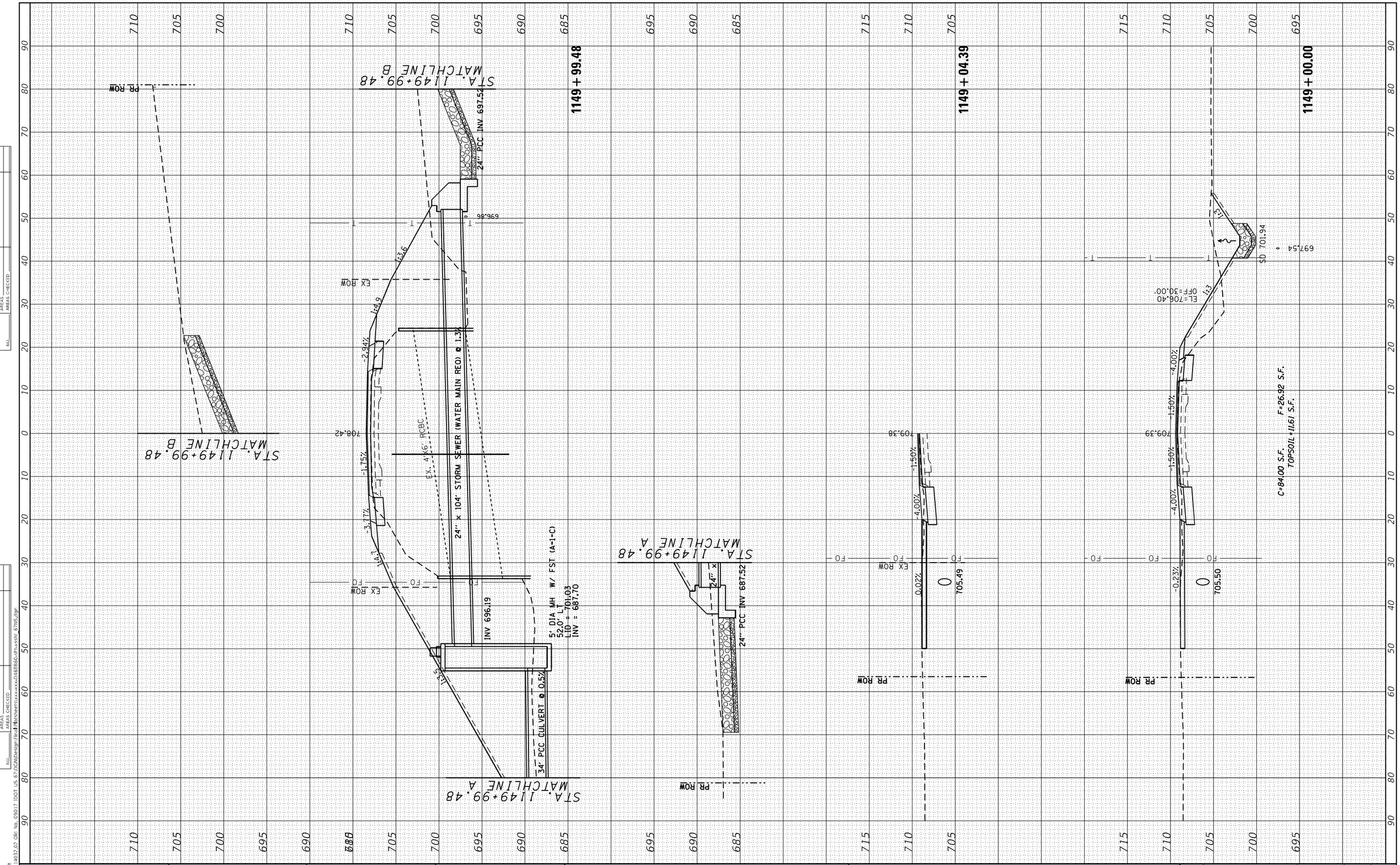
PLOT SCALE = 20.0000 ' / in.	CHECKED - SLD	REVISED -	
PLOT DATE = 3/22/2023	DATE - 3/22/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 310
CROSS SECTIONS

SCALE: 5'V : 10'H | SHEET 39 OF 74 SHEETS | STA. 1143+50.00 TO STA. 1148+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	28W-2, 29W-1; 28RS-6, 29RS-4	WARREN	277	242
		CONTRACT NO. 68B60		
		ILLINOIS FED. AID PROJECT		



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

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

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EFK•Moen
Civil Engineering Design

USER NAME = ZWaters	DESIGNED - JRD	REVISED -	
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PLOT SCALE = 20.0000 ' / in.	CHECKED - SLD	REVISED -	
PLOT DATE = 3/22/2023	DATE - 3/22/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 310
CROSS SECTIONS

SCALE: 5'V : 10'H | SHEET 40 OF 74 SHEETS | STA. 1149+00.00 | TO STA. 1149+99.48

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	28W-2, 29W-1; 28RS-6, 29RS-4	WARREN	277	243
		CONTRACT NO. 68B60		
		ILLINOIS	FED. AID PROJECT	

FINAL SURVEY	
NOTE BOOK	
NO.	

	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

ORIGINAL SURVEY	
NOTE BOOK	
NO.	

	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

1152 + 00.00

EX ROW
PR ROW
705.37
706.23
706.95
707.09
-4.00%
-1.50%
-4.06%
-4.13%
-4.31%
1:3
1:4
C=56.85 S.F. F=0.39 S.F.
TOPSOIL=3.89 S.F.

1151 + 88.51

1151 + 00.00

EX ROW
PR ROW
704.82
704.75
707.74
-4.00%
-1.50%
1:3
1:6
C=166.20 S.F. F=28.80 S.F.
TOPSOIL=25.11 S.F.
634.71

1150 + 00.00

EX ROW
PR ROW
697.65
699.47
708.40
697.20
-4.00%
-1.50%
1:3
1:4
1:A
C=82.90 S.F. F=211.20 S.F.
TOPSOIL=27.76 S.F.

MODEL: Default
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EFK•Moen
Civil Engineering Design

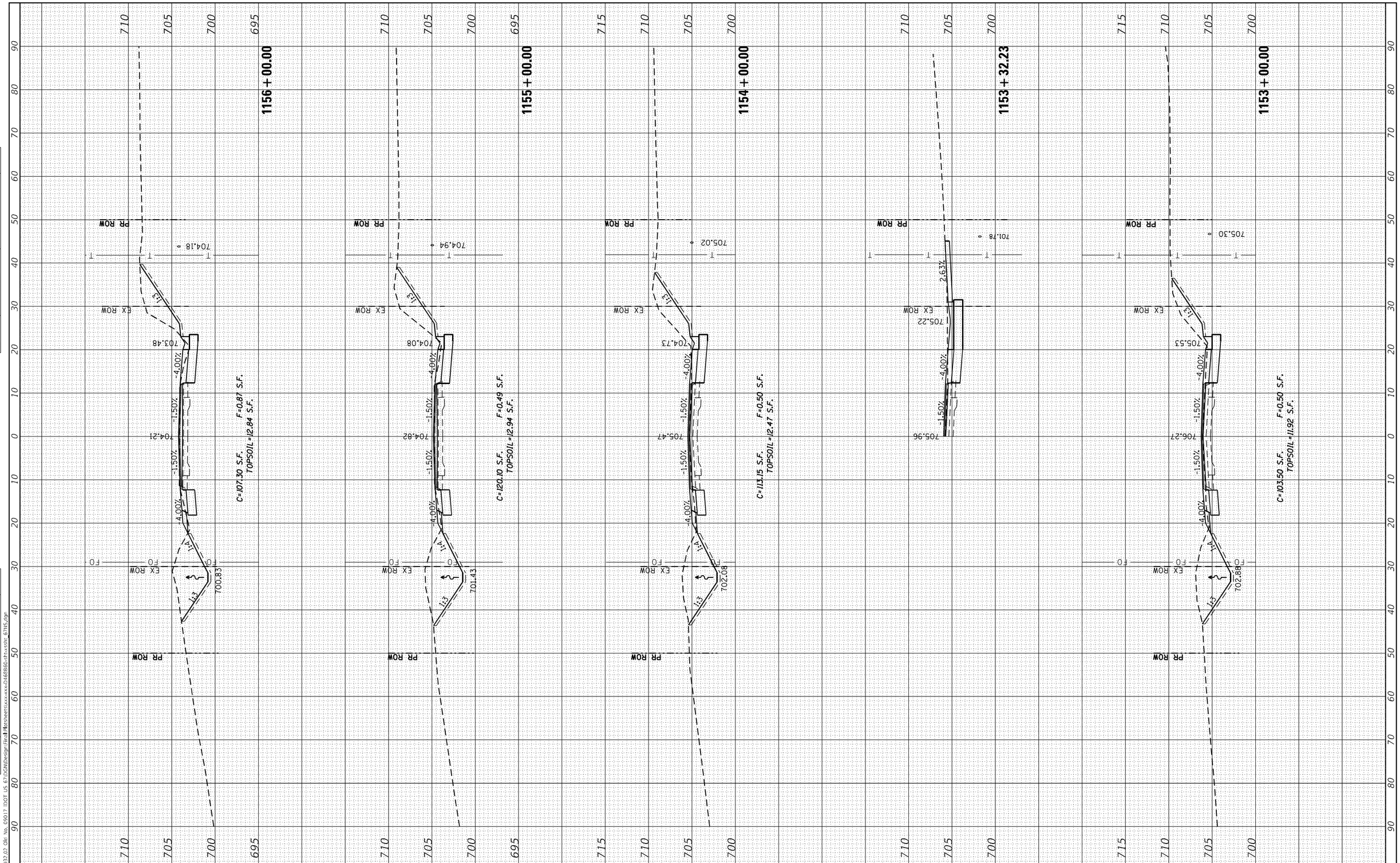
USER NAME = ZWaters	DESIGNED - JRD		REVISED -
	DRAWN - JRD		REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - SLD		REVISED -
PLOT DATE = 3/22/2023	DATE - 3/22/2023		REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 310
CROSS SECTIONS

SCALE: 5'V : 10'H | SHEET 41 OF 74 SHEETS | STA. 1150+00.00 TO STA. 1152+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	28W-2, 29W-1; 28RS-6, 29RS-4	WARREN	277	244
		CONTRACT NO. 68B60		
		ILLINOIS FED. AID PROJECT		



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

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

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EFK•Moen
Civil Engineering Design

USER NAME = ZWaters	DESIGNED - JRD	REVISED -	
	DRAWN - JRD	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - SLD	REVISED -	
PLOT DATE = 3/22/2023	DATE - 3/22/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 310
CROSS SECTIONS

SCALE: 5'V : 10'H | SHEET 42 OF 74 SHEETS | STA. 1153+00.00 TO STA. 1156+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	28W-2, 29W-1; 28RS-6, 29RS-4	WARREN	277	245
		CONTRACT NO. 68B60		
		ILLINOIS FED. AID PROJECT		

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

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

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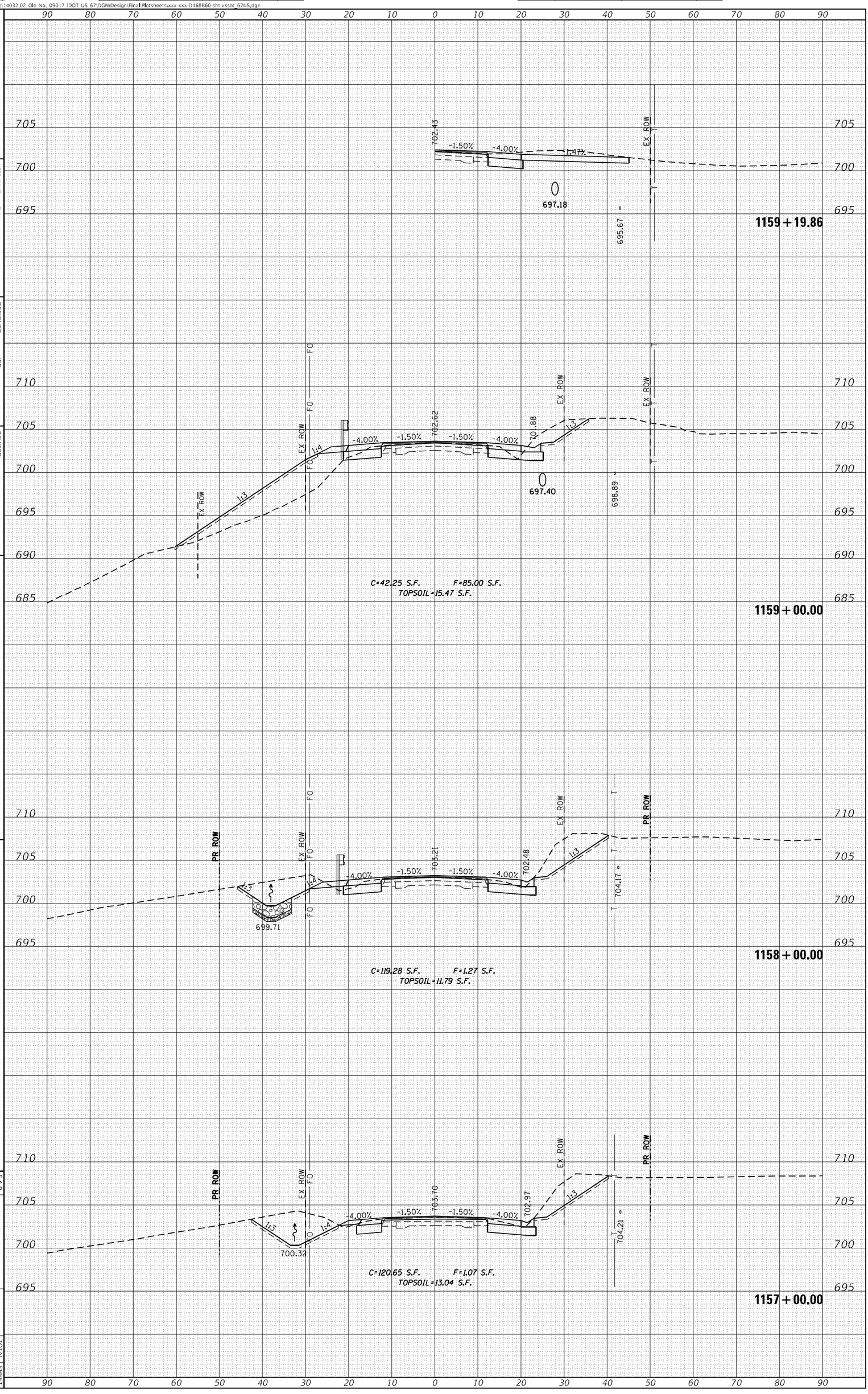

EFK•Moen
Civil Engineering Design

USER NAME = ZWalters
PLOT SCALE = 20.0000 ' / in.
PLOT DATE = 3/22/2023

DESIGNED - JRD
DRAWN - JRD
CHECKED - SLD
DATE - 3/22/2023

REVISED -
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REVISED -
REVISED -

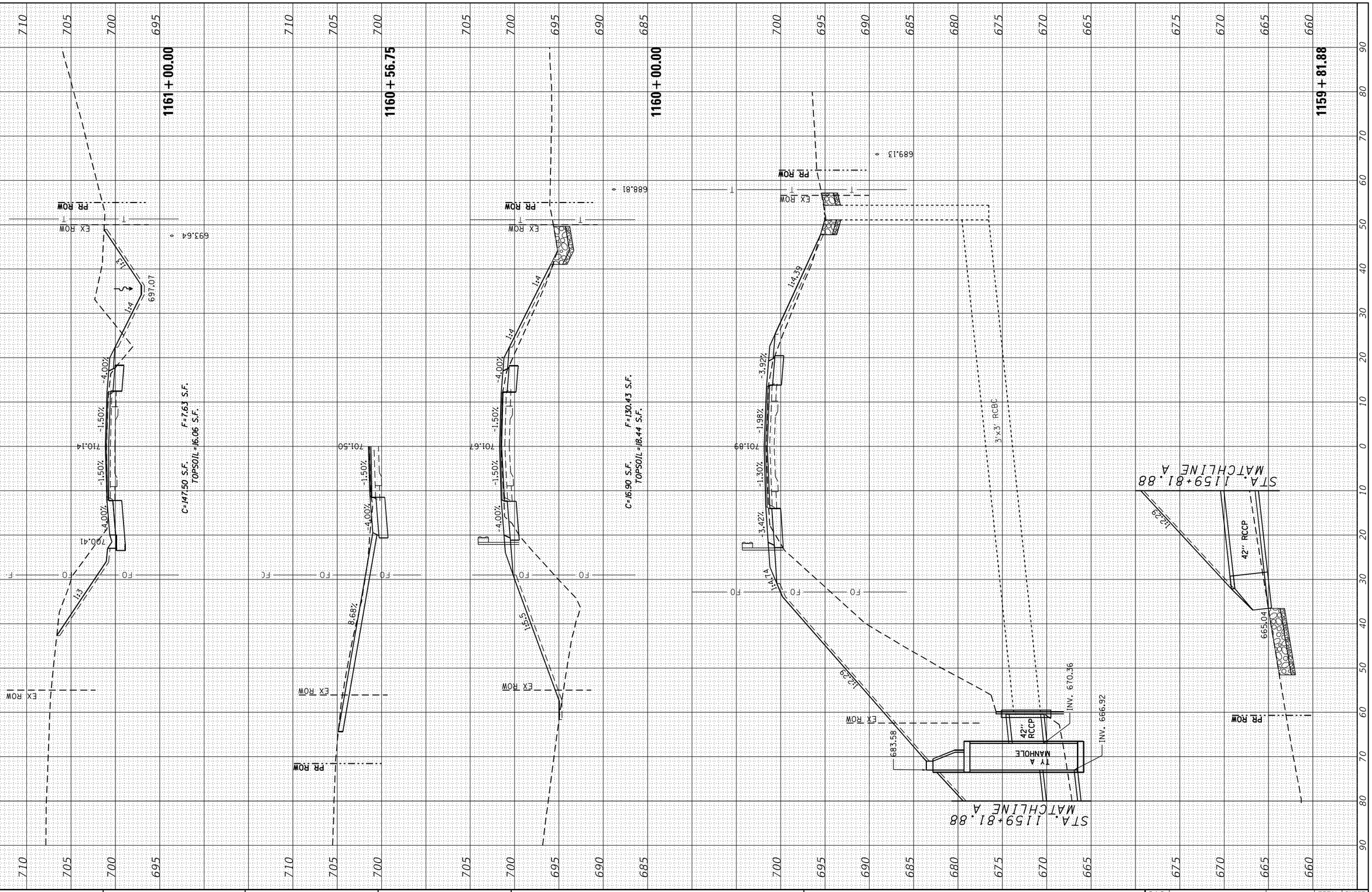
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 310
CROSS SECTIONS

SCALE: 5'V : 10'H
SHEET 43 OF 74 SHEETS
STA. 1157+00.00 TO STA. 1159+19.86

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	28W-2, 29W-1; 28RS-6, 29RS-4	WARREN	277	246

ILLINOIS FED. AID PROJECT
CONTRACT NO. 68B60



FINAL SURVEY		BY	DATE
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ORIGINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
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	AREAS		
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EFK•Moen
Civil Engineering Design

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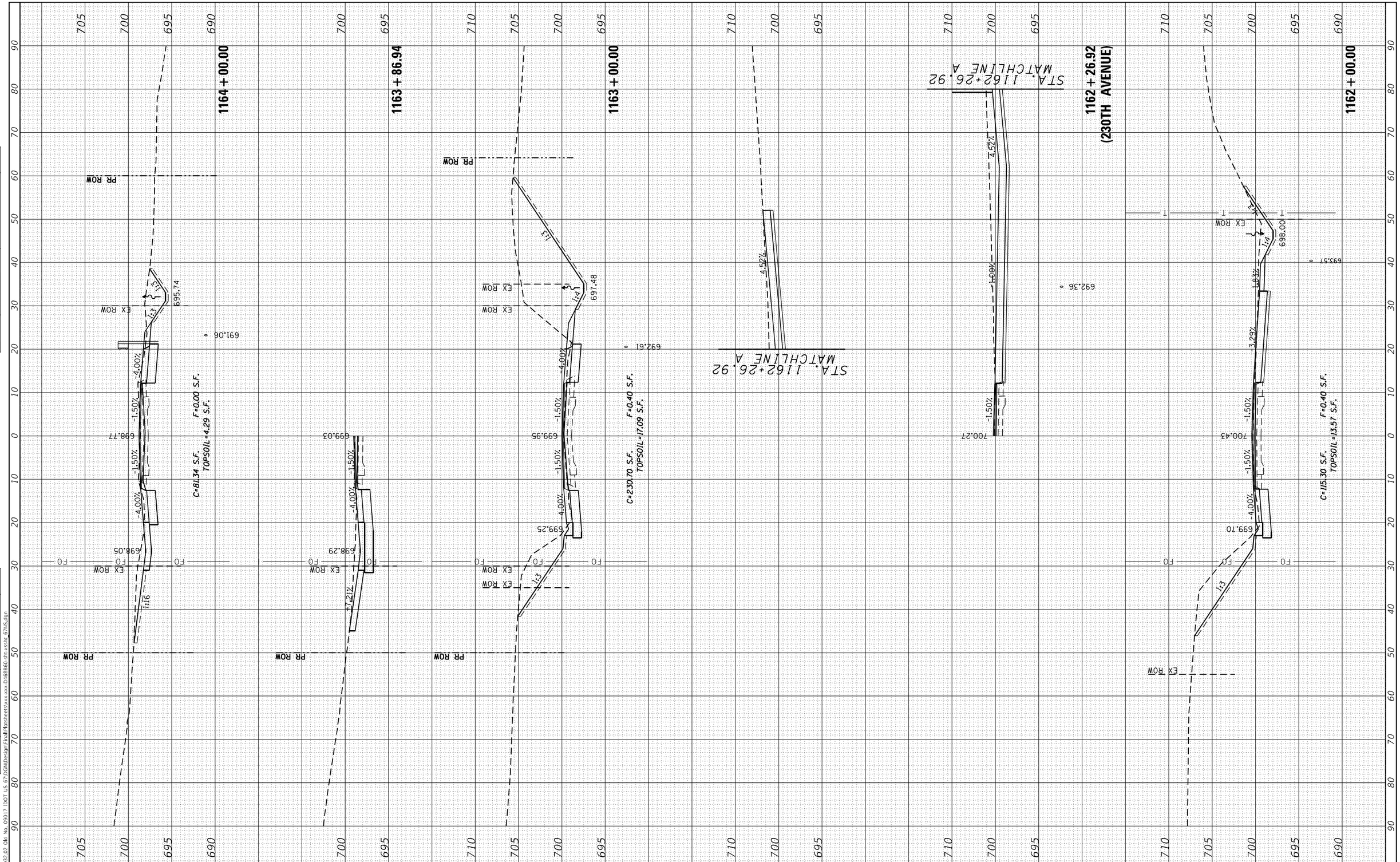
PLOT SCALE = 20.0000 ' / in.	CHECKED - SLD	REVISED -	
PLOT DATE = 3/22/2023	DATE - 3/22/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 310
CROSS SECTIONS

SCALE: 5'V : 10'H | SHEET 44 OF 74 SHEETS | STA. 1159+81.88 TO STA. 1161+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	28W-2, 29W-1; 28RS-6, 29RS-4	WARREN	277	247
		CONTRACT NO. 68B60		
		ILLINOIS	FED. AID PROJECT	



EFK•Moen Civil Engineering Design	USER NAME = ZWaters	DESIGNED - JRD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP 310 CROSS SECTIONS	F.A.P. RTE. 310	SECTION 28W-2, 29W-1; 28RS-6, 29RS-4	COUNTY WARREN	TOTAL SHEETS 277 / SHEET NO. 248
		DRAWN - JRD	REVISED -					CONTRACT NO. 68B60	
	PLOT SCALE = 20.0000 ' / in.	CHECKED - SLD	REVISED -						
	PLOT DATE = 3/22/2023	DATE - 3/22/2023	REVISED -		SCALE: 5'V : 10'H	SHEET 45 OF 74 SHEETS	STA. 1162+00.00 TO STA. 1164+00.00	ILLINOIS FED. AID PROJECT	

MODEL: Default
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NOTE BOOK	SURVEYED		
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	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		

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

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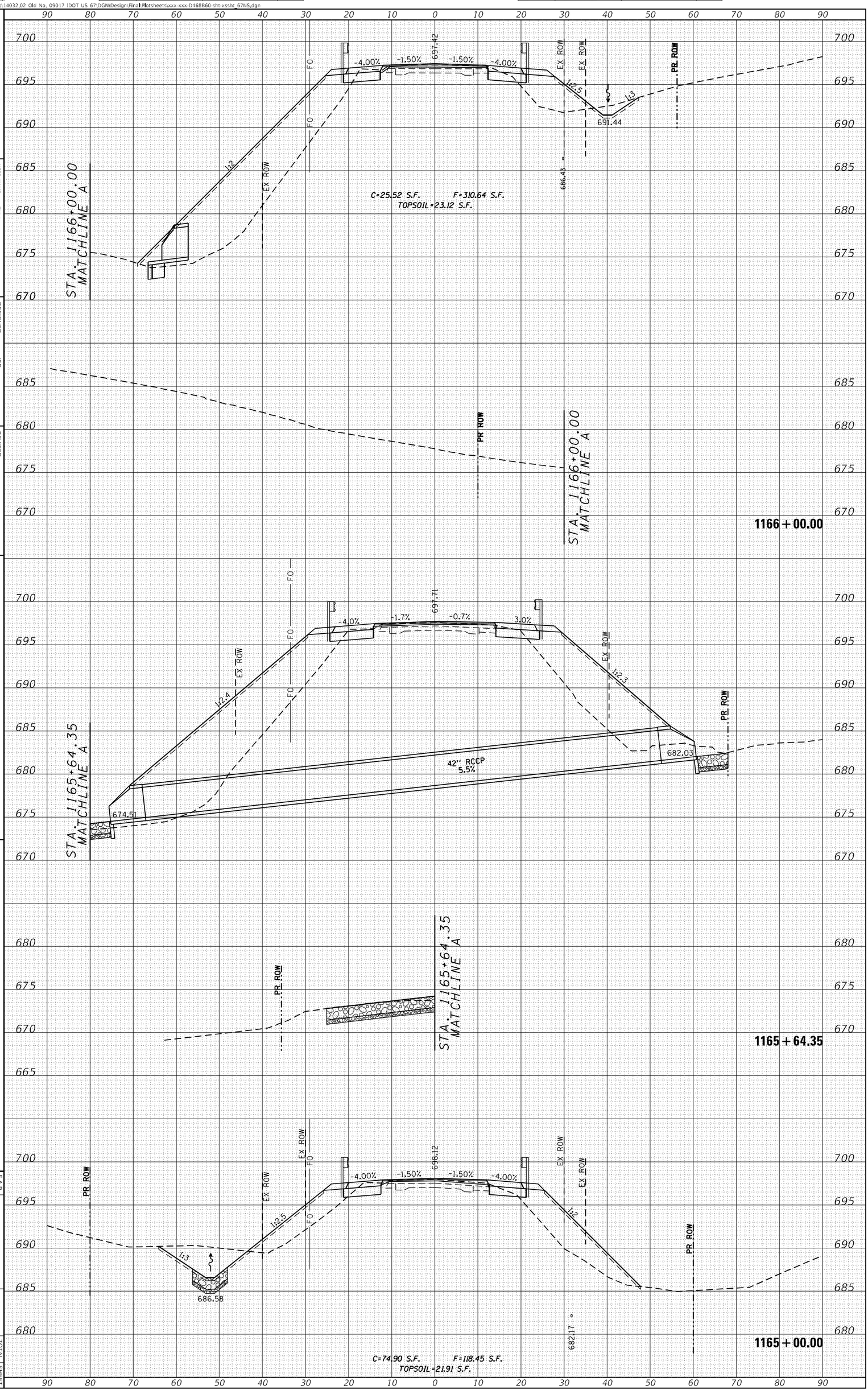

EFK•Moen
Civil Engineering Design

USER NAME = ZWaters
PLOT SCALE = 20.0000 ' / in.
PLOT DATE = 3/22/2023

DESIGNED - JRD
DRAWN - JRD
CHECKED - SLD
DATE - 3/22/2023

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 310
CROSS SECTIONS

SCALE: 5'V : 10'H
SHEET 46 OF 74 SHEETS
STA. 1165+00.00 TO STA. 1166+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	28W-2, 29W-1; 28RS-6, 29RS-4	WARREN	277	249

ILLINOIS FED. AID PROJECT
CONTRACT NO. 68B60

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

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

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EFK•Moen
Civil Engineering Design

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PLOT DATE = 3/22/2023

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DATE - 3/22/2023

REVISED -
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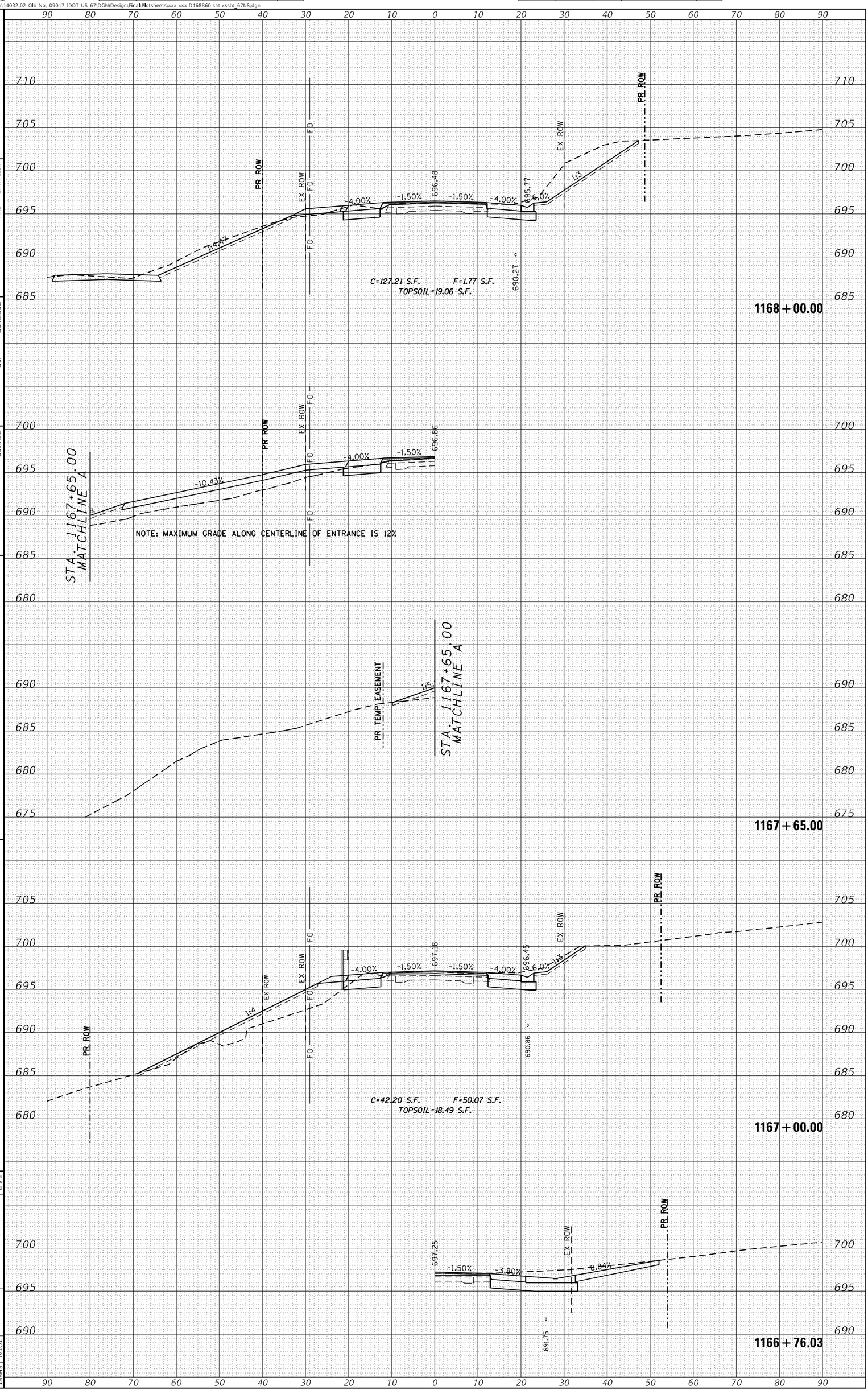
REVISED -



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 310
CROSS SECTIONS

SCALE: 5'V : 10'H
SHEET 47 OF 74 SHEETS
STA. 1166+76.03 TO STA. 1168+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	28W-2, 29W-1; 28RS-6, 29RS-4	WARREN	277	250

CONTRACT NO. 68B60
ILLINOIS FED. AID PROJECT

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

FINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
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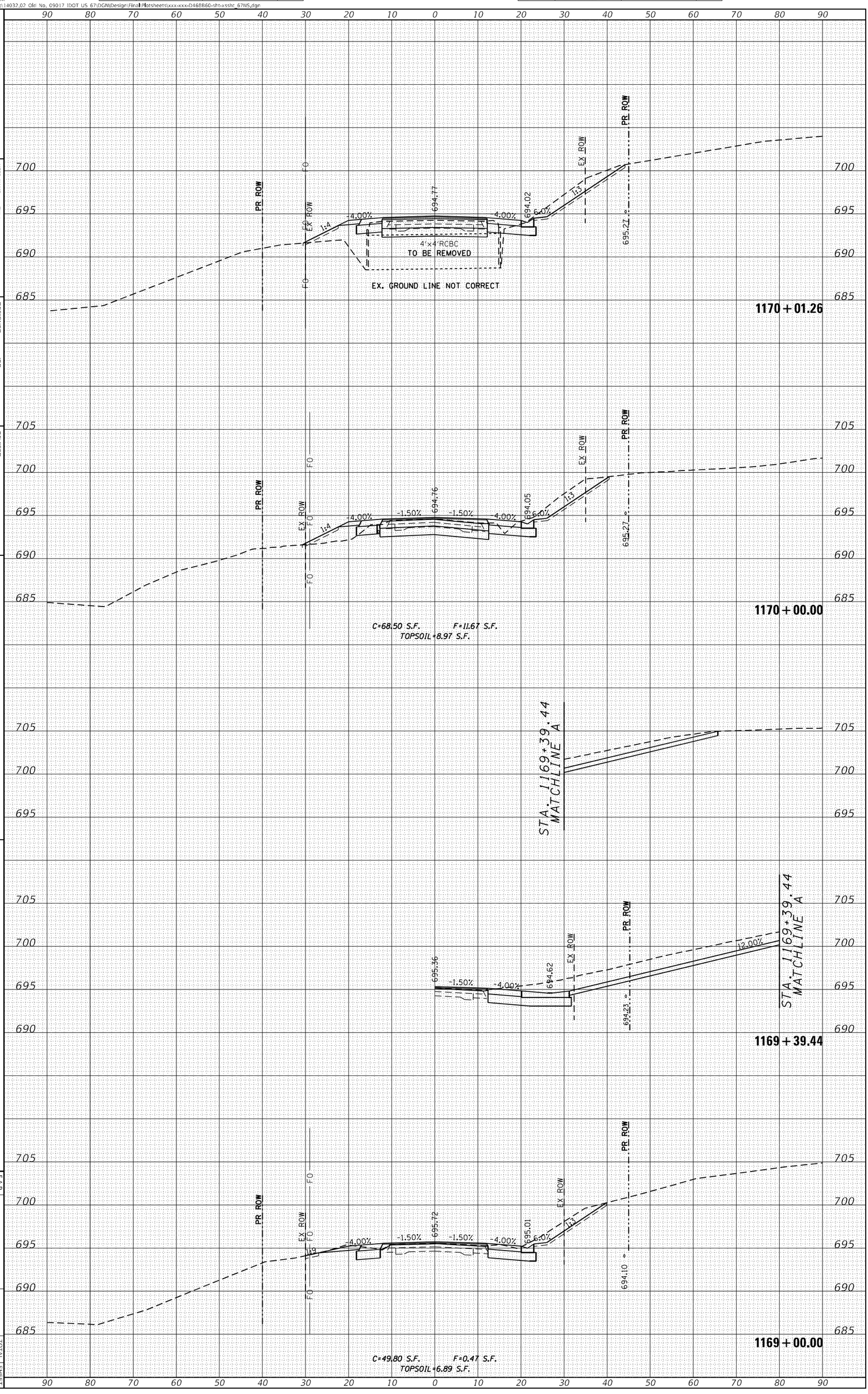

EFK•Moen
Civil Engineering Design

USER NAME = ZWaters
PLOT SCALE = 20.0000 ' / in.
PLOT DATE = 3/22/2023

DESIGNED - JRD
DRAWN - JRD
CHECKED - SLD
DATE - 3/22/2023

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 310
CROSS SECTIONS

SCALE: 5'V : 10'H
SHEET 48 OF 74 SHEETS
STA. 1169+00.00 TO STA. 1170+01.26

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	28W-2, 29W-1; 28RS-6, 29RS-4	WARREN	277	251

ILLINOIS FED. AID PROJECT
CONTRACT NO. 68B60

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

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

MODEL: Default
FILE NAME: Z:\1403202 Old No. 09017 IDOT US 67\DGN\Design\Final Plansheets\xxx-xxx-D46BB60-sht-xxsht_67HS.dgn

1174+00.00

PR ROW
683.09
EX ROW
680.62
681.39
-4.00%
-1.50%
6.0%
1:3
1:3
F0
T
691.79
PR ROW

C=157.60 S.F.
TOPSOIL=13.66 S.F.
F=0.58 S.F.

1173+00.00

PR ROW
689.17
EX ROW
684.46
685.19
-4.00%
-1.50%
6.0%
1:3
1:3
F0
T
691.79
PR ROW

C=241.33 S.F.
TOPSOIL=15.86 S.F.
F=0.77 S.F.

1172+00.00

PR ROW
693.91
EX ROW
688.79
689.52
-4.00%
-1.50%
6.0%
1:2
1:3
F0
T
691.79
PR ROW

C=155.67 S.F.
TOPSOIL=10.09 S.F.
F=0.77 S.F.

1171+00.00

PR ROW
695.23
EX ROW
691.64
692.37
-4.00%
-1.50%
6.0%
1:2
1:3
F0
T
691.79
PR ROW

C=142.87 S.F.
TOPSOIL=8.50 S.F.
F=0.77 S.F.

EFK•Moen
Civil Engineering Design

USER NAME = ZWaters	DESIGNED - JRD	REVISED -
	DRAWN - JRD	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - SLD	REVISED -
PLOT DATE = 3/22/2023	DATE - 3/22/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 310
CROSS SECTIONS

SCALE: 5'V : 10'H | SHEET 49 OF 74 SHEETS | STA. 1171+00.00 | TO STA. 1174+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	28W-2, 29W-1; 28RS-6, 29RS-4	WARREN	277	252
		CONTRACT NO. 68B60		
		ILLINOIS	FED. AID PROJECT	

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

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

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EFK•Moen
Civil Engineering Design

USER NAME = ZWaters	DESIGNED - JRD	REVISED -	
	DRAWN - JRD	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - SLD	REVISED -	
PLOT DATE = 3/22/2023	DATE - 3/22/2023	REVISED -	

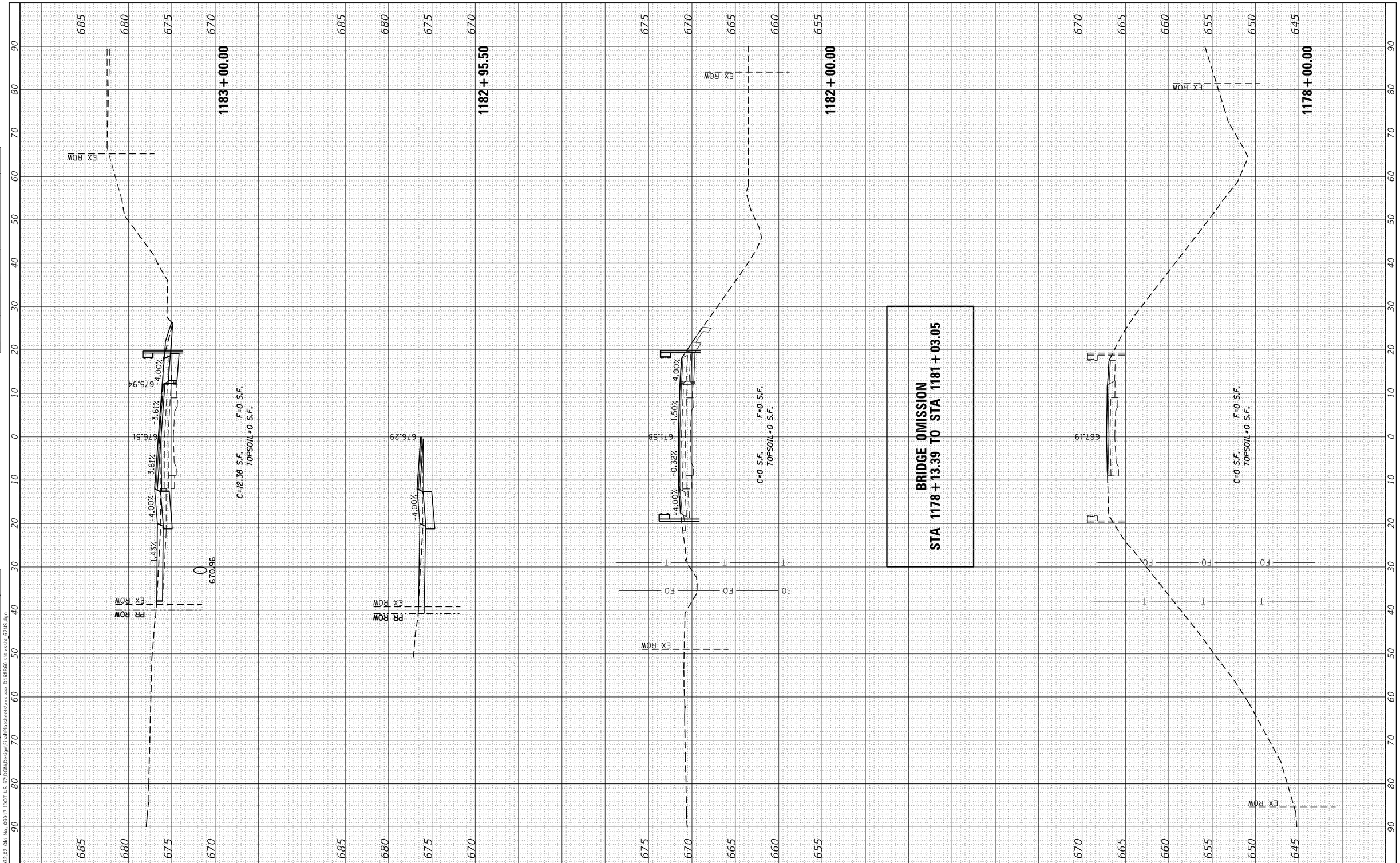
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 310
CROSS SECTIONS

SCALE: 5'V : 10'H | SHEET 50 OF 74 SHEETS | STA. 1174+72.43 | TO STA. 1177+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	28W-2, 29W-1; 28RS-6, 29RS-4	WARREN	277	253
		CONTRACT NO. 68B60		
	ILLINOIS	FED. AID PROJECT		

1174+72.43
EX ROW
PR ROW
678.30
C=0 S.F.
TOPSOIL=0 S.F.
F=0 S.F.
1175+00.00
677.50
1176+00.00
673.54
1177+00.00
669.79
98.1'
95.9'



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

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

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EFK•Moen
Civil Engineering Design

USER NAME = ZWaters	DESIGNED - JRD	REVISED -	
	DRAWN - JRD	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - SLD	REVISED -	
PLOT DATE = 3/22/2023	DATE - 3/22/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 310
CROSS SECTIONS

SCALE: 5'V : 10'H | SHEET 51 OF 74 SHEETS | STA. 1178+00.00 TO STA. 1183+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	28W-2, 29W-1; 28RS-6, 29RS-4	WARREN	277	254
		CONTRACT NO. 68B60		
		ILLINOIS FED. AID PROJECT		

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

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

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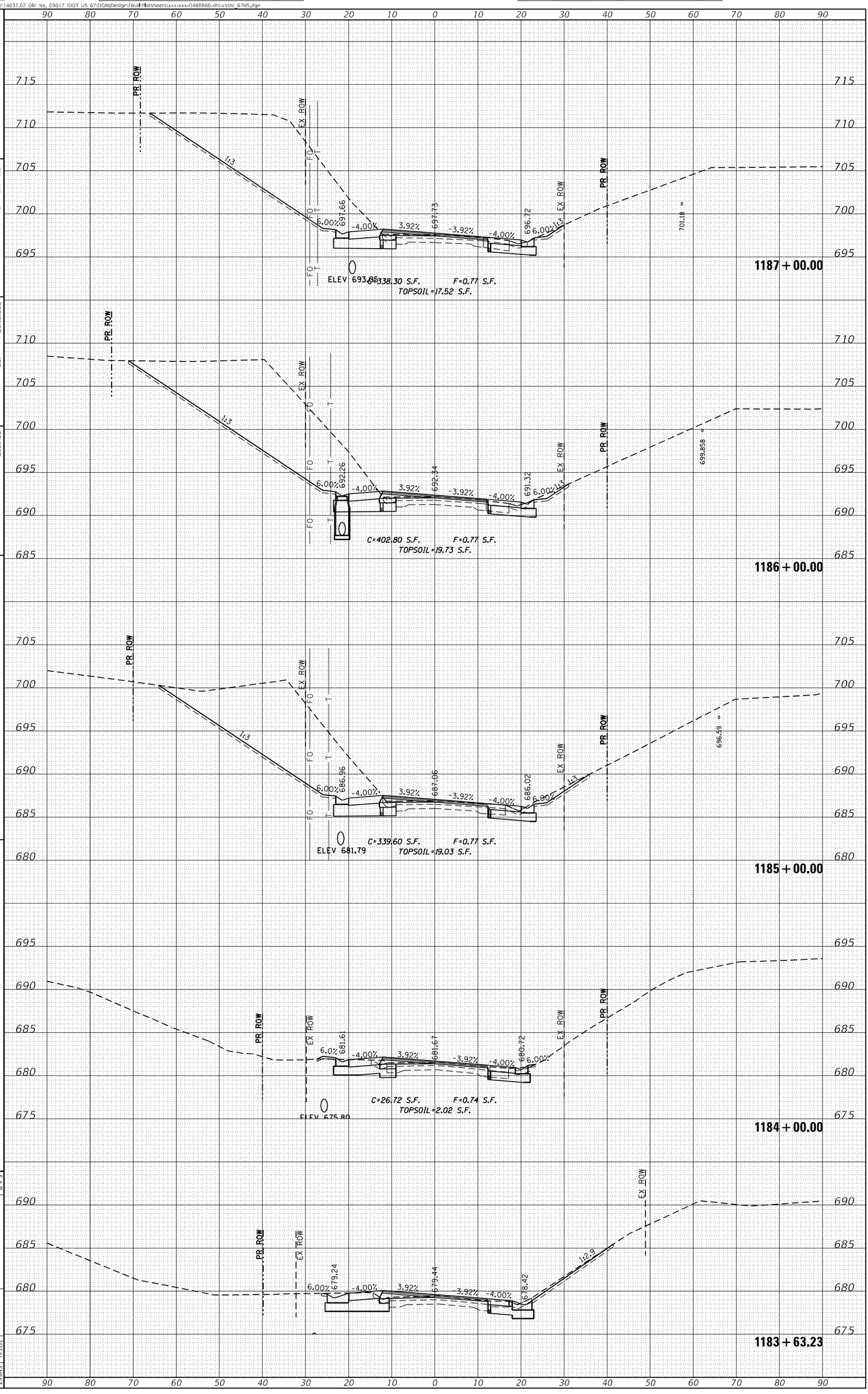

EFK•Moen
Civil Engineering Design

USER NAME = ZWaters
PLOT SCALE = 20.0000 ' / in.
PLOT DATE = 3/22/2023

DESIGNED - JRD
DRAWN - JRD
CHECKED - SLD
DATE - 3/22/2023

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 310
CROSS SECTIONS

SCALE: 5'V : 10'H
SHEET 52 OF 74 SHEETS
STA. 1183+63.23 TO STA. 1187+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	28W-2, 29W-1; 28RS-6, 29RS-4	WARREN	277	255

ILLINOIS FED. AID PROJECT
CONTRACT NO. 68B60

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

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

MODEL: Default
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EFK•Moen
Civil Engineering Design

USER NAME = ZWaters
PLOT SCALE = 20.0000 ' / in.
PLOT DATE = 3/22/2023

DESIGNED - JRD
DRAWN - JRD
CHECKED - SLD
DATE - 3/22/2023

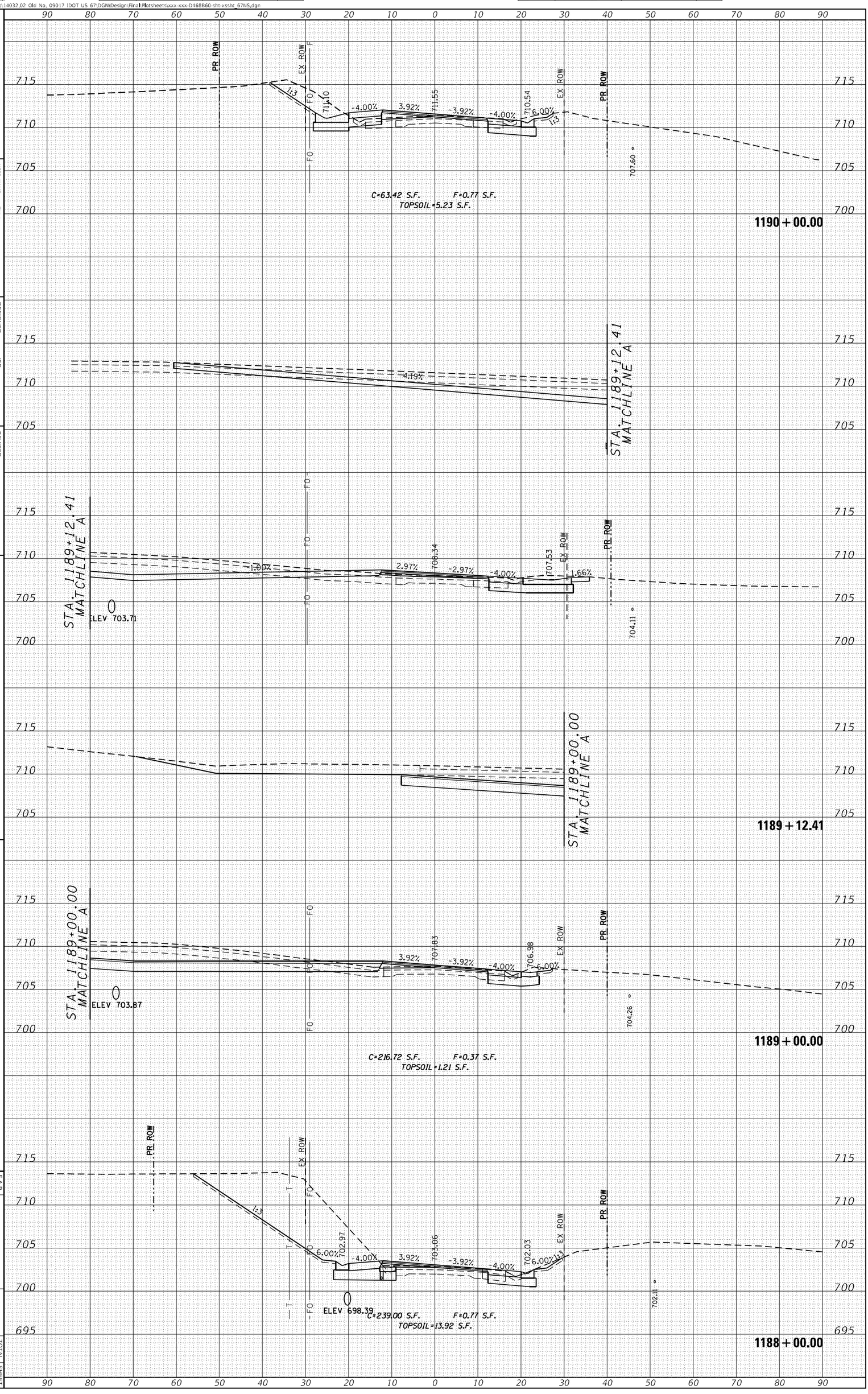
REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: 5'V : 10'H

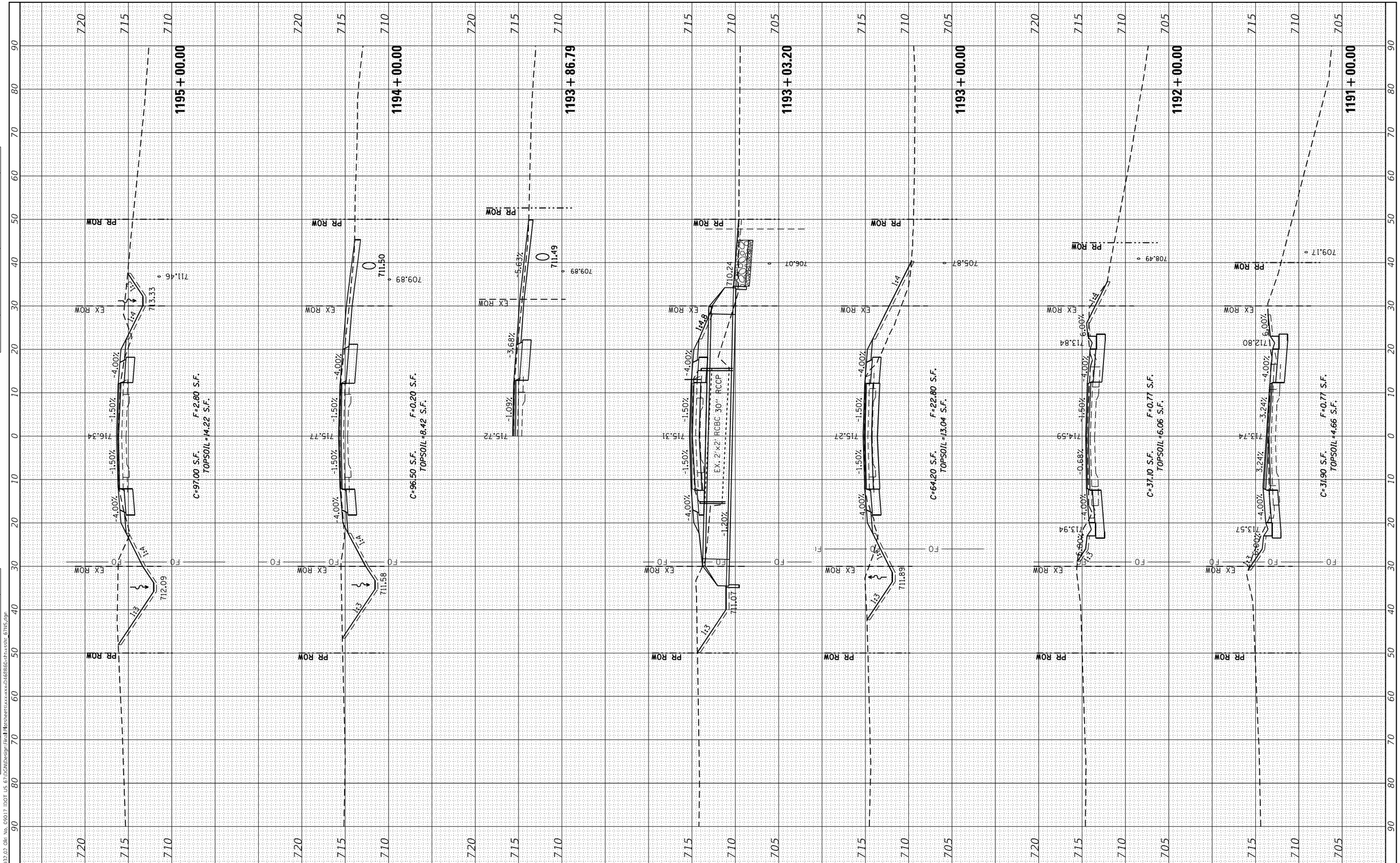
FAP 310
CROSS SECTIONS

SHEET 53 OF 74 SHEETS STA. 1188+00.00 TO STA. 1190+00.00



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	28W-2, 29W-1; 28RS-6, 29RS-4	WARREN	277	256

ILLINOIS FED. AID PROJECT
CONTRACT NO. 68B60



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	PLOTTED				
	TEMPLATE				
NOTE BOOK	AREAS				
NO.	AREAS CHECKED				

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

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EFK•Moen
Civil Engineering Design

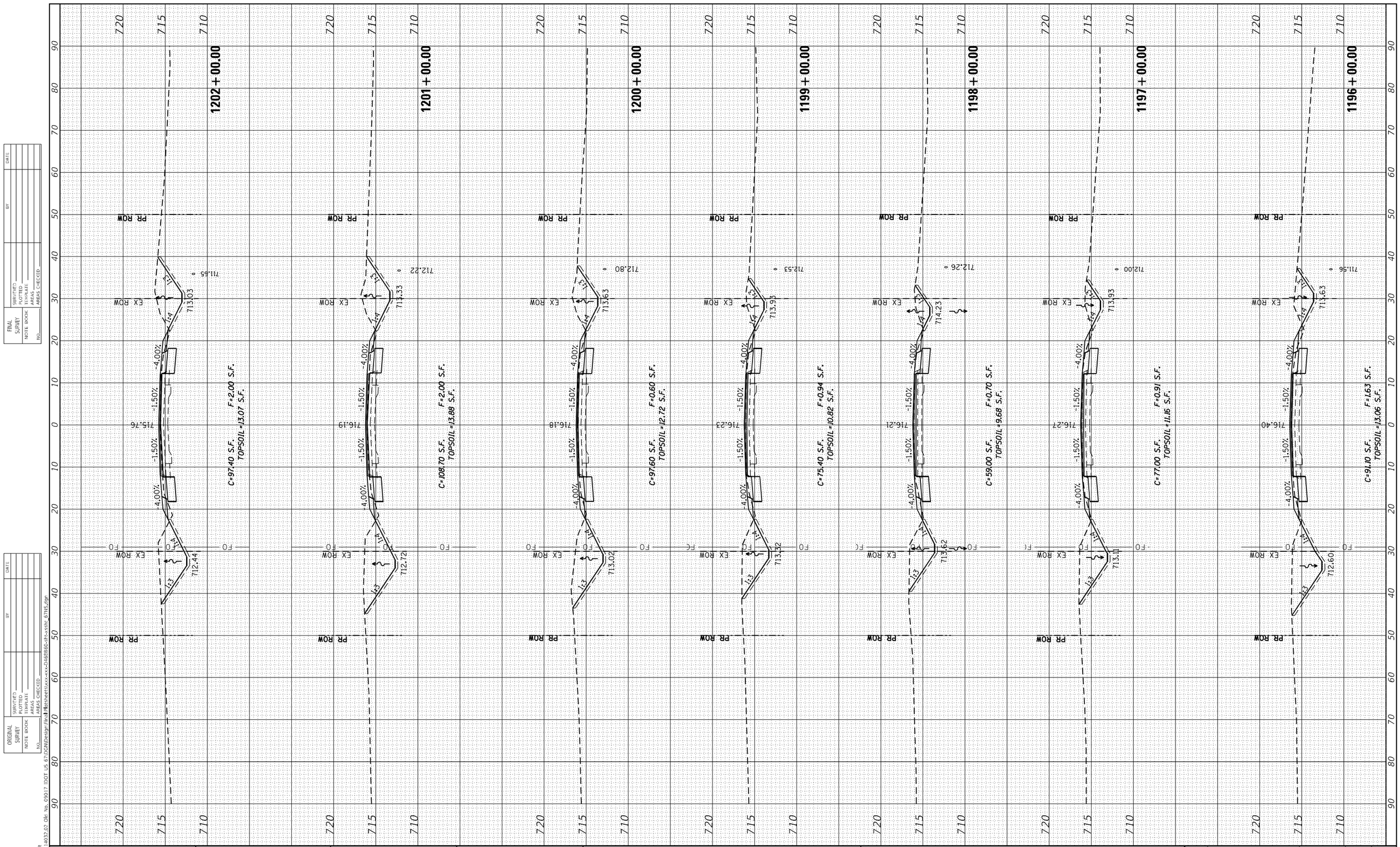
USER NAME = ZWaters	DESIGNED - JRD	REVISED -	
	DRAWN - JRD	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - SLD	REVISED -	
PLOT DATE = 3/22/2023	DATE - 3/22/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 310
CROSS SECTIONS

SCALE: 5'V : 10'H | SHEET 54 OF 74 SHEETS | STA. 1191+00.00 TO STA. 1195+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	28W-2, 29W-1; 28RS-6, 29RS-4	WARREN	277	257
		CONTRACT NO. 68B60		
		ILLINOIS FED. AID PROJECT		



FINAL SURVEY
NOTE BOOK
NO.

	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

ORIGINAL SURVEY
NOTE BOOK
NO.

	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

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EFK•Moen
Civil Engineering Design

USER NAME = ZWaters	DESIGNED - JRD		REVISED -
	DRAWN - JRD		REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - SLD		REVISED -
PLOT DATE = 3/22/2023	DATE - 3/22/2023		REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 310
CROSS SECTIONS

SCALE: 5'V : 10'H | SHEET 55 OF 74 SHEETS | STA. 1196+00.00 TO STA. 1202+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	28W-2, 29W-1; 28RS-6, 29RS-4	WARREN	277	258
		CONTRACT NO. 68B60		
	ILLINOIS FED. AID PROJECT			

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

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

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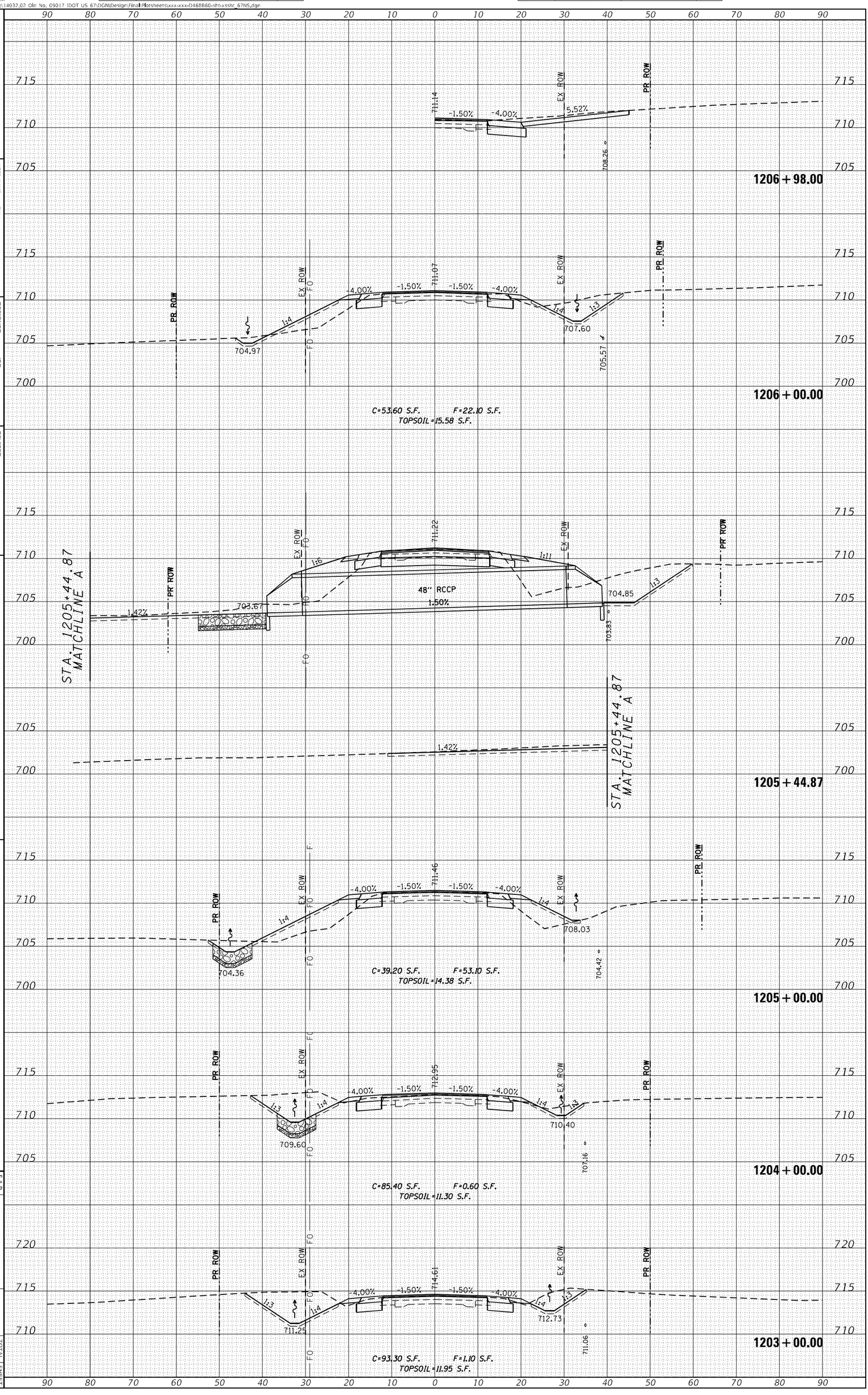


EFK•Moen
Civil Engineering Design

USER NAME = ZWaters
PLOT SCALE = 20.0000 ' / in.
PLOT DATE = 3/22/2023

DESIGNED - JRD
DRAWN - JRD
CHECKED - SLD
DATE - 3/22/2023

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 310
CROSS SECTIONS

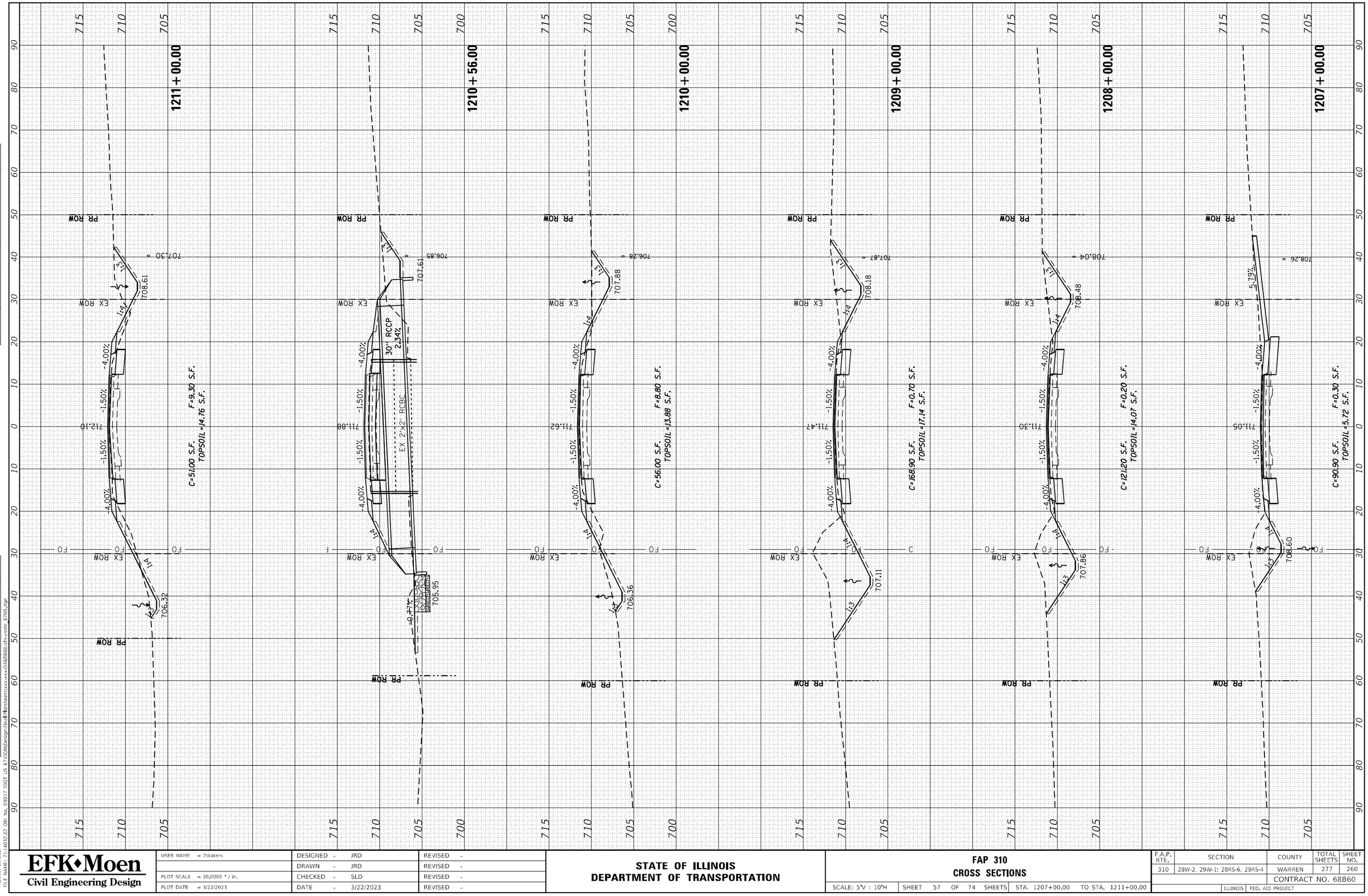
SCALE: 5'V : 10'H
SHEET 56 OF 74 SHEETS
STA. 1203+00.00 TO STA. 1206+98.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	28W-2, 29W-1; 28RS-6, 29RS-4	WARREN	277	259

ILLINOIS FED. AID PROJECT
CONTRACT NO. 68B60

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

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



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EFK•Moen
Civil Engineering Design

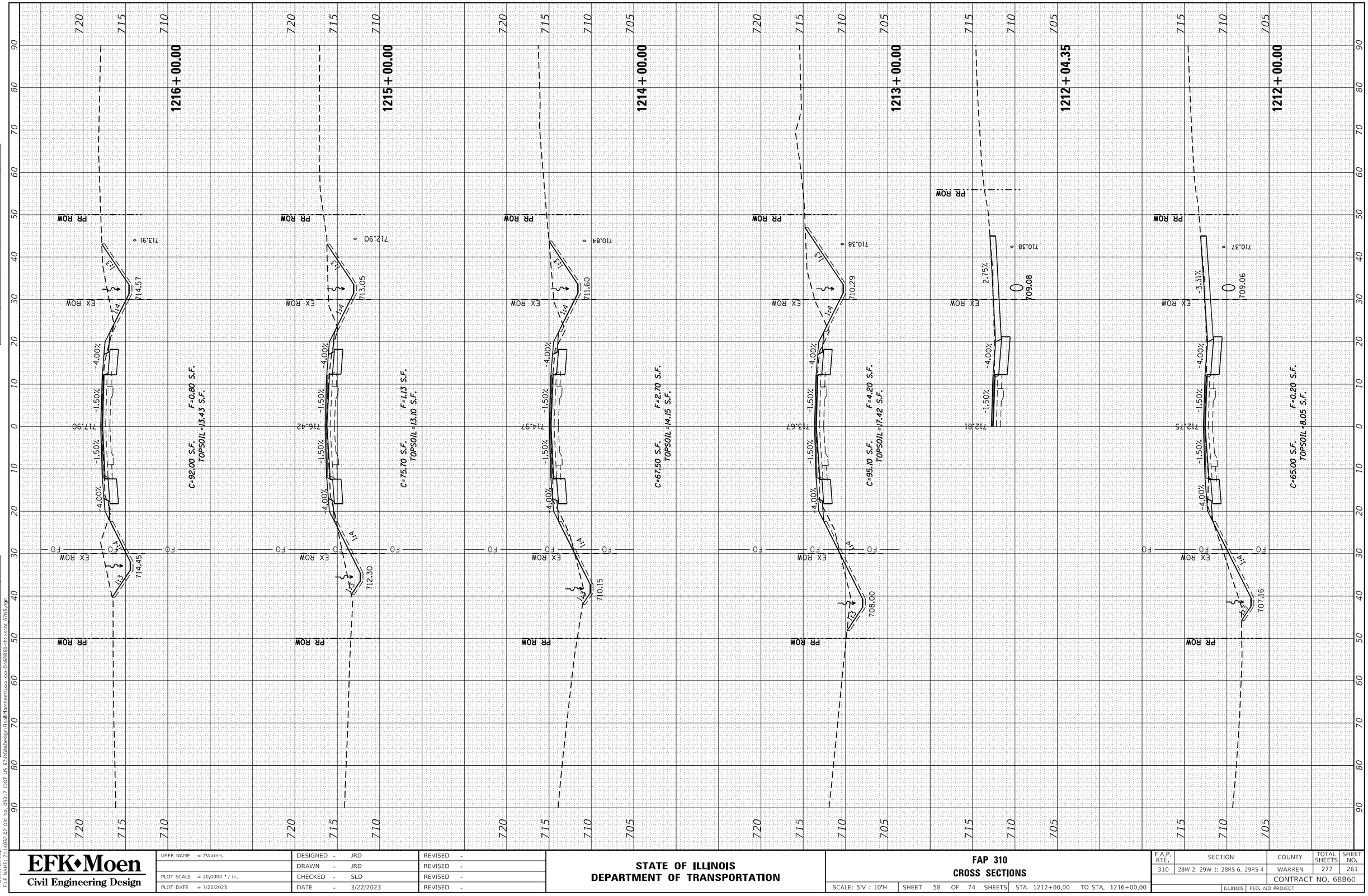
USER NAME = ZWaters	DESIGNED - JRD		REVISED -
	DRAWN - JRD		REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - SLD		REVISED -
PLOT DATE = 3/22/2023	DATE - 3/22/2023		REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 310
CROSS SECTIONS

SCALE: 5'V : 10'H | SHEET 57 OF 74 SHEETS | STA. 1207+00.00 TO STA. 1211+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	28W-2, 29W-1; 28RS-6, 29RS-4	WARREN	277	260
		CONTRACT NO. 68B60		
		ILLINOIS FED. AID PROJECT		



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

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

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EFK•Moen
Civil Engineering Design

USER NAME = ZWaters	DESIGNED - JRD	REVISED -	
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PLOT DATE = 3/22/2023	DATE - 3/22/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 310
CROSS SECTIONS

SCALE: 5'V : 10'H | SHEET 58 OF 74 SHEETS | STA. 1212+00.00 TO STA. 1216+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	28W-2, 29W-1; 28RS-6, 29RS-4	WARREN	277	261
		CONTRACT NO. 68B60		
		ILLINOIS FED. AID PROJECT		

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

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

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EFK•Moen
Civil Engineering Design

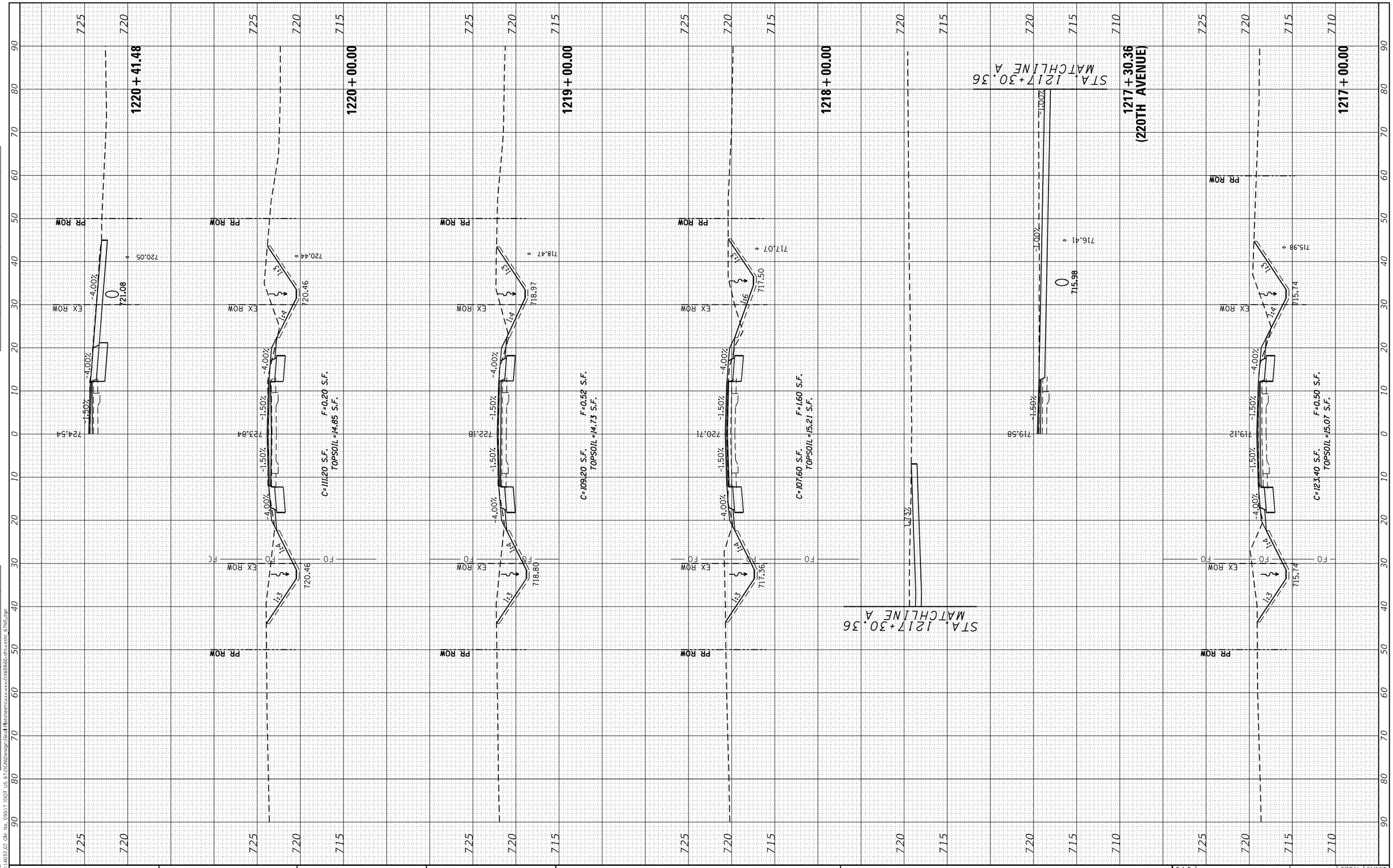
USER NAME = ZWaters	DESIGNED - JRD		REVISED -
	DRAWN - JRD		REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - SLD		REVISED -
PLOT DATE = 3/22/2023	DATE - 3/22/2023		REVISED -

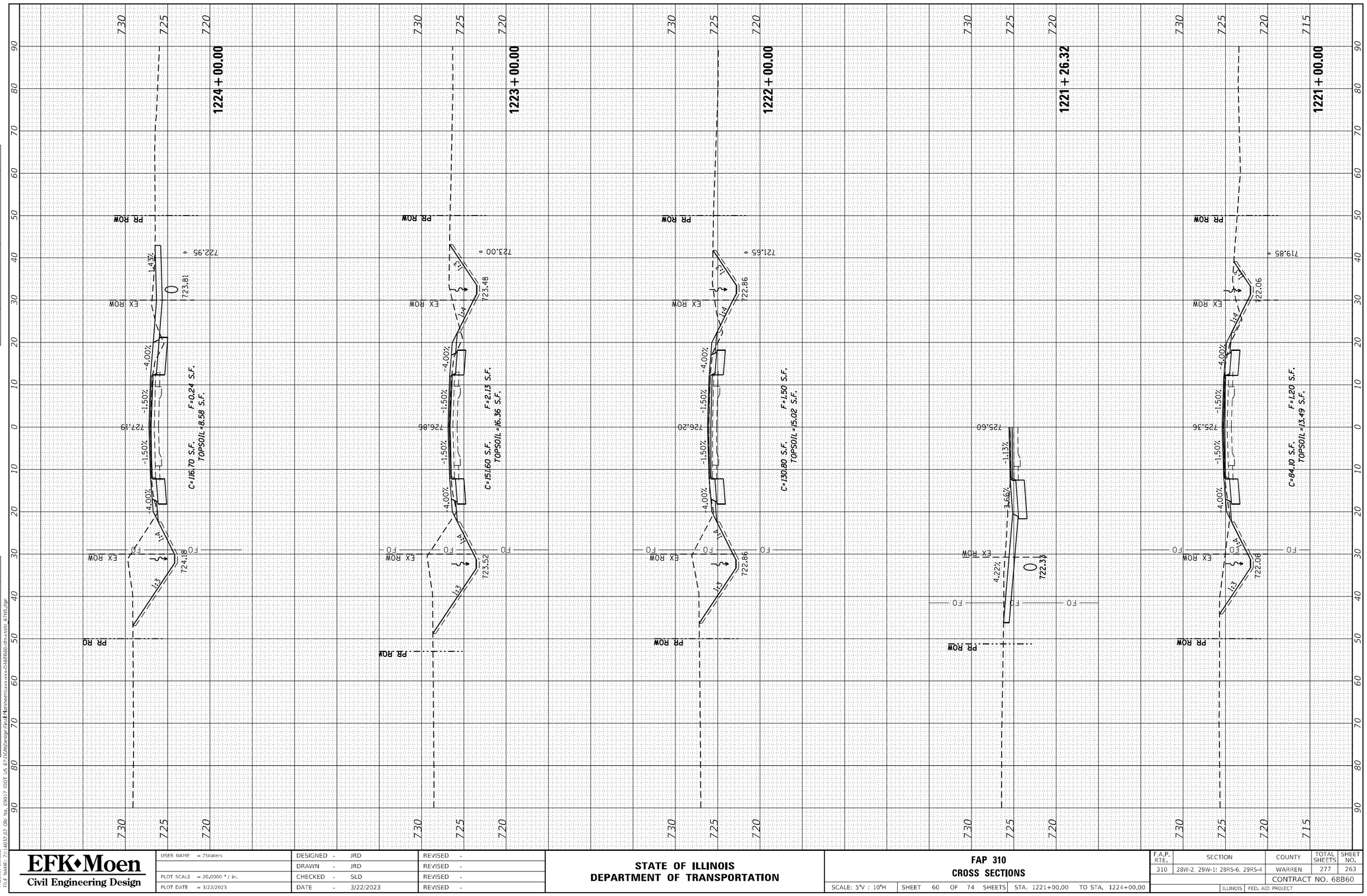
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 310
CROSS SECTIONS

SCALE: 5'V : 10'H | SHEET 59 OF 74 SHEETS | STA. 1217+00.00 | TO STA. 1220+41.48

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	28W-2, 29W-1; 28RS-6, 29RS-4	WARREN	277	262
		CONTRACT NO. 68B60		
		ILLINOIS FED. AID PROJECT		





FINAL SURVEY

	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

NOTE BOOK
NO.

ORIGINAL SURVEY

	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

NOTE BOOK
NO.

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EFK•Moen
Civil Engineering Design

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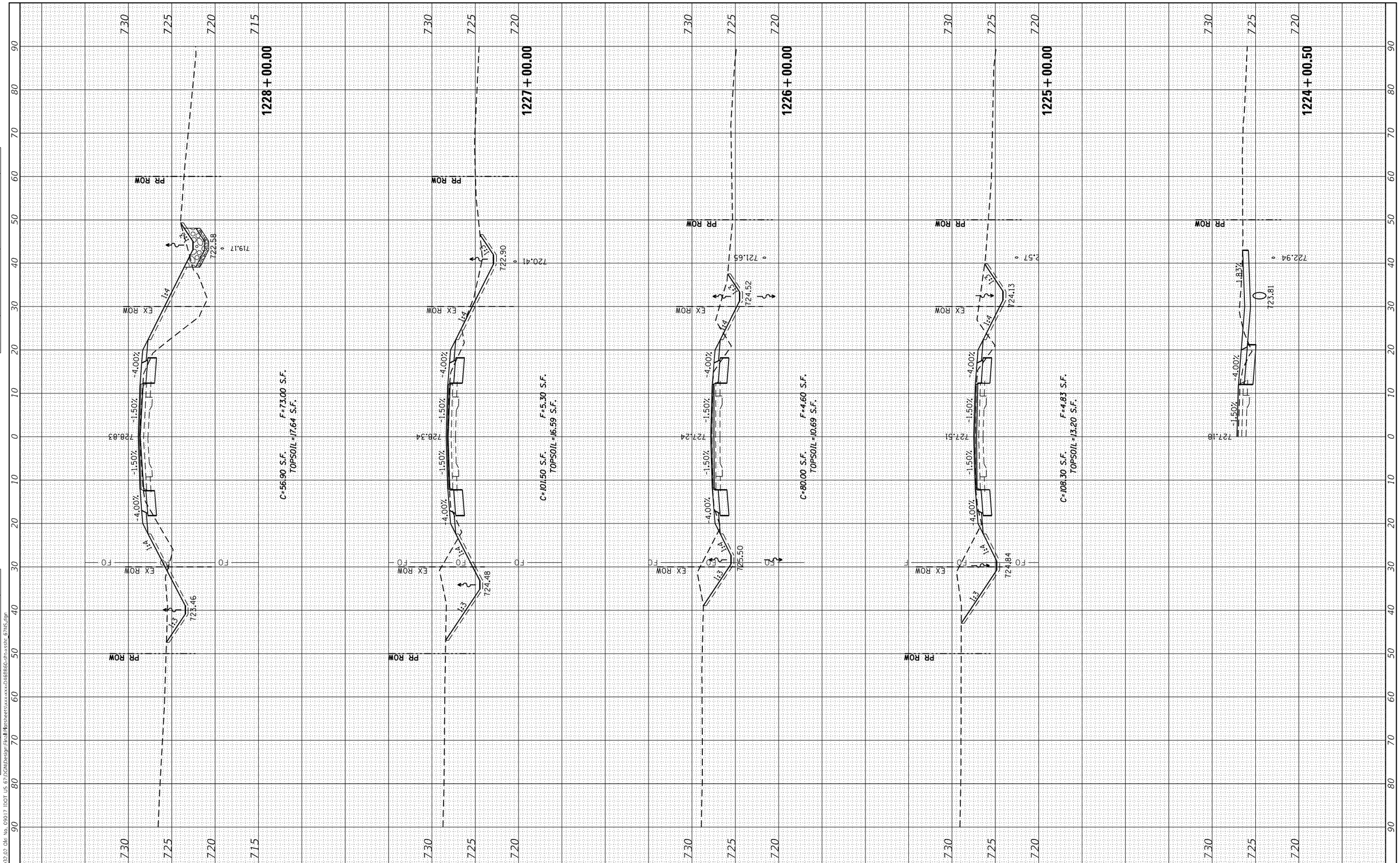
PLOT DATE = 3/22/2023	DATE - 3/22/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 310
CROSS SECTIONS

SCALE: 5'V : 10'H | SHEET 60 OF 74 SHEETS | STA. 1221+00.00 TO STA. 1224+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	28W-2, 29W-1; 28RS-6, 29RS-4	WARREN	277	263
		CONTRACT NO. 68B60		
		ILLINOIS FED. AID PROJECT		



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NO.	TEMPLATE		
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	AREAS CHECKED		

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

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EFK•Moen
Civil Engineering Design

USER NAME = ZWaters	DESIGNED - JRD	REVISED -	
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PLOT SCALE = 20.0000 ' / in.	CHECKED - SLD	REVISED -	
PLOT DATE = 3/22/2023	DATE - 3/22/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 310
CROSS SECTIONS

SCALE: 5'V : 10'H | SHEET 61 OF 74 SHEETS | STA. 1224+00.50 TO STA. 1228+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	28W-2, 29W-1; 28RS-6, 29RS-4	WARREN	277	264
		CONTRACT NO. 68B60		
		ILLINOIS FED. AID PROJECT		

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

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

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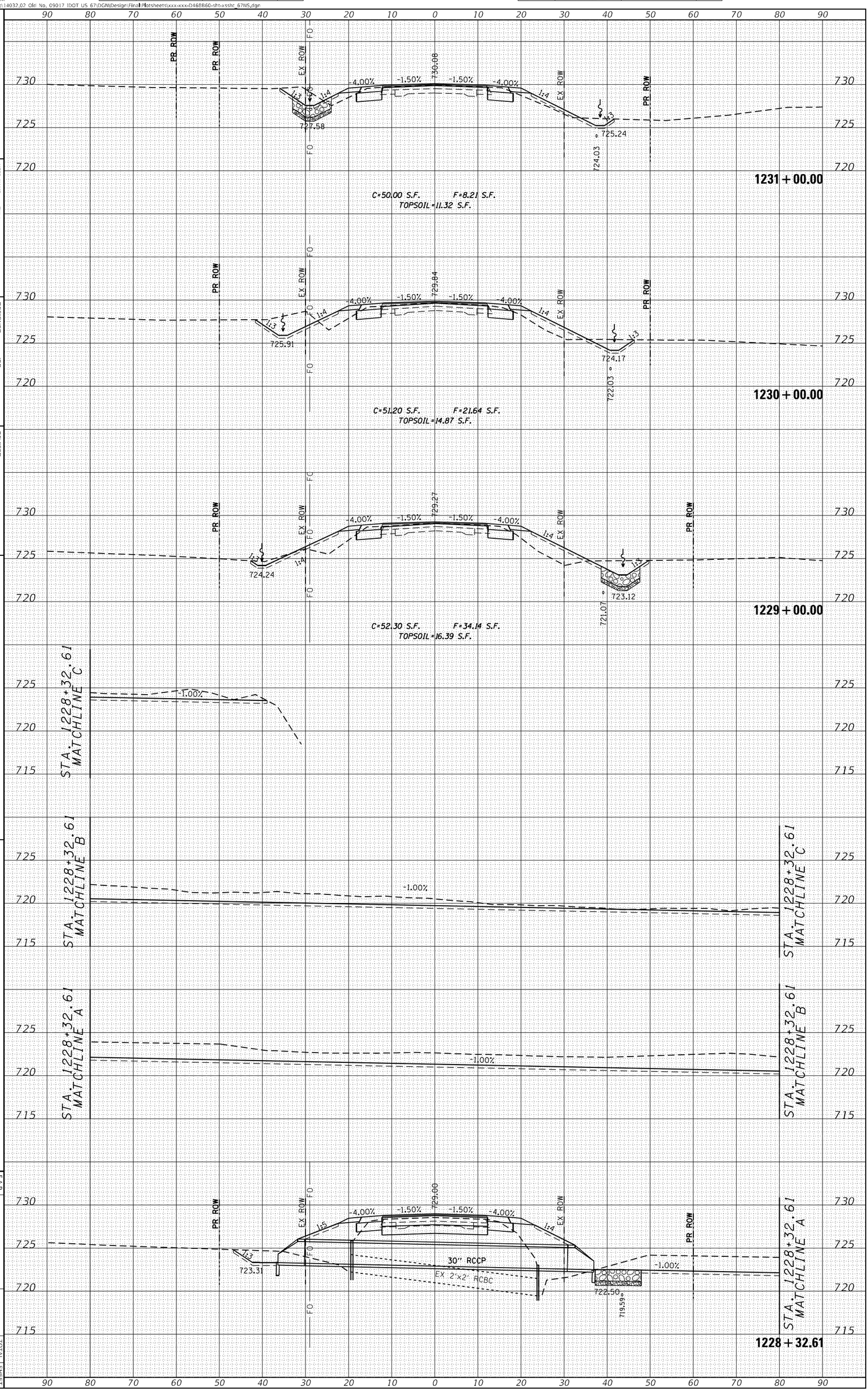

EFK•Moen
Civil Engineering Design

USER NAME = ZWaters
PLOT SCALE = 20.0000 ' / in.
PLOT DATE = 3/22/2023

DESIGNED - JRD
DRAWN - JRD
CHECKED - SLD
DATE - 3/22/2023

REVISED -
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REVISED -

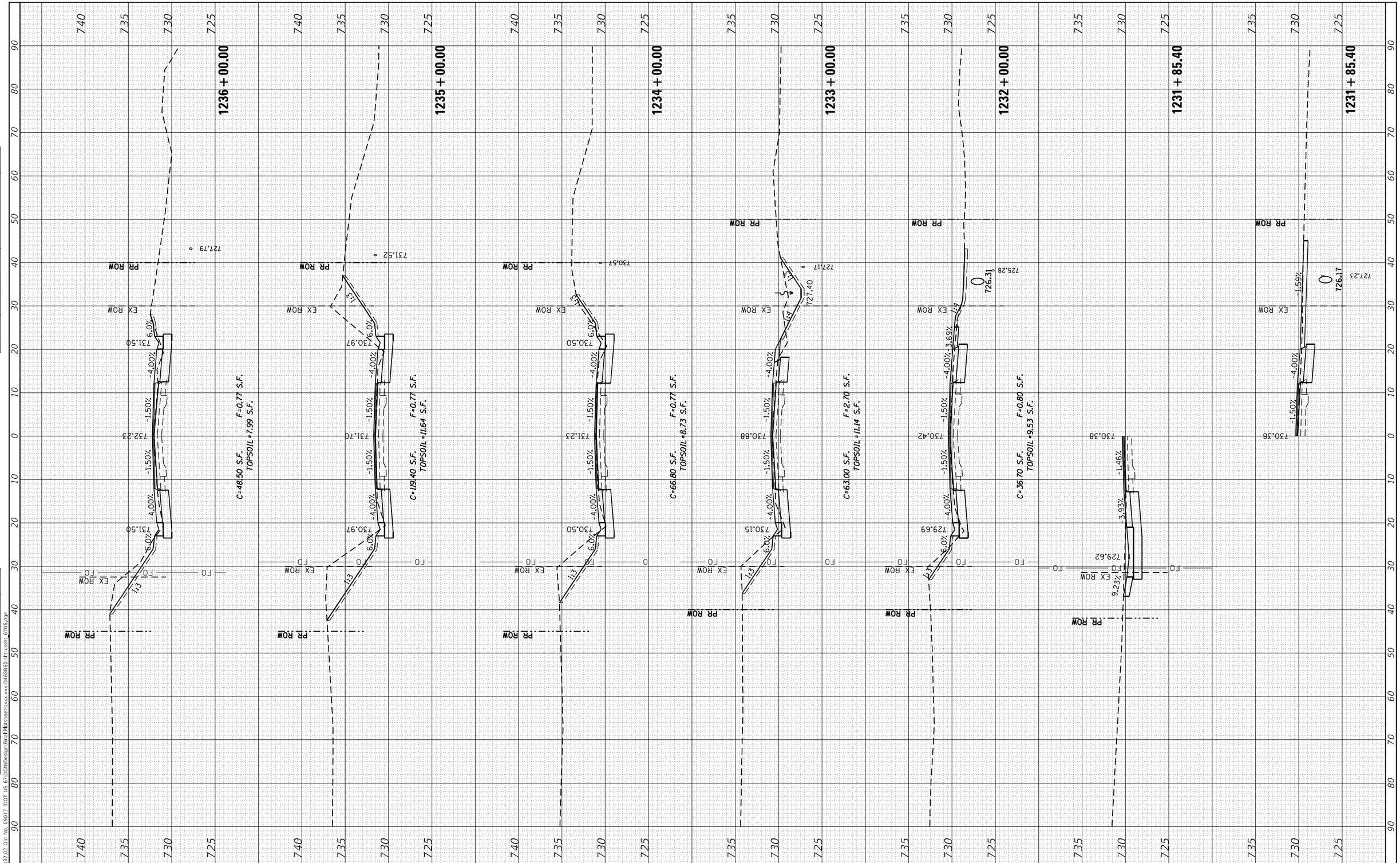
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 310
CROSS SECTIONS

SCALE: 5'V : 10'H
SHEET 62 OF 74 SHEETS
STA. 1228+32.61 TO STA. 1231+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	28W-2, 29W-1; 28RS-6, 29RS-4	WARREN	277	265

ILLINOIS FED. AID PROJECT
CONTRACT NO. 68B60



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

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

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EFK•Moen
Civil Engineering Design

USER NAME = ZWaters	DESIGNED - JRD	REVISED -	
	DRAWN - JRD	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - SLD	REVISED -	
PLOT DATE = 3/22/2023	DATE - 3/22/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

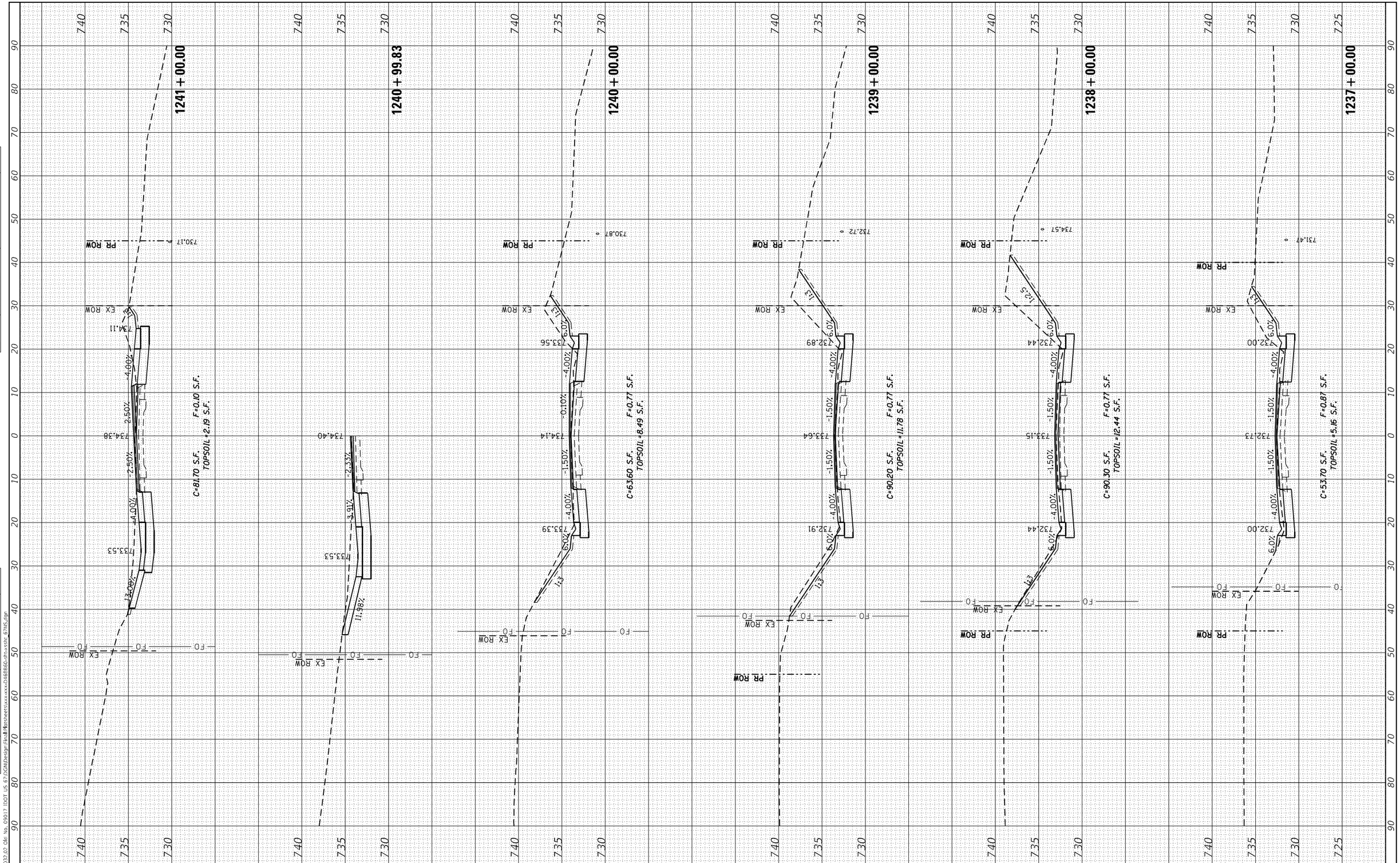
FAP 310
CROSS SECTIONS

SCALE: 5'V : 10'H | SHEET 63 OF 74 SHEETS | STA. 1231+85.40 TO STA. 1236+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	28W-2, 29W-1; 28RS-6, 29RS-4	WARREN	277	266

CONTRACT NO. 68B60

ILLINOIS | FED. AID PROJECT



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NOTE BOOK NO.							

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

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EFK•Moen
Civil Engineering Design

USER NAME = ZWaters	DESIGNED - JRD	REVISED -	
	DRAWN - JRD	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - SLD	REVISED -	
PLOT DATE = 3/22/2023	DATE - 3/22/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 310
CROSS SECTIONS

SCALE: 5'V : 10'H | SHEET 64 OF 74 SHEETS | STA. 1237+00.00 TO STA. 1241+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	28W-2, 29W-1; 28RS-6, 29RS-4	WARREN	277	267

CONTRACT NO. 68B60

ILLINOIS | FED. AID PROJECT

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

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

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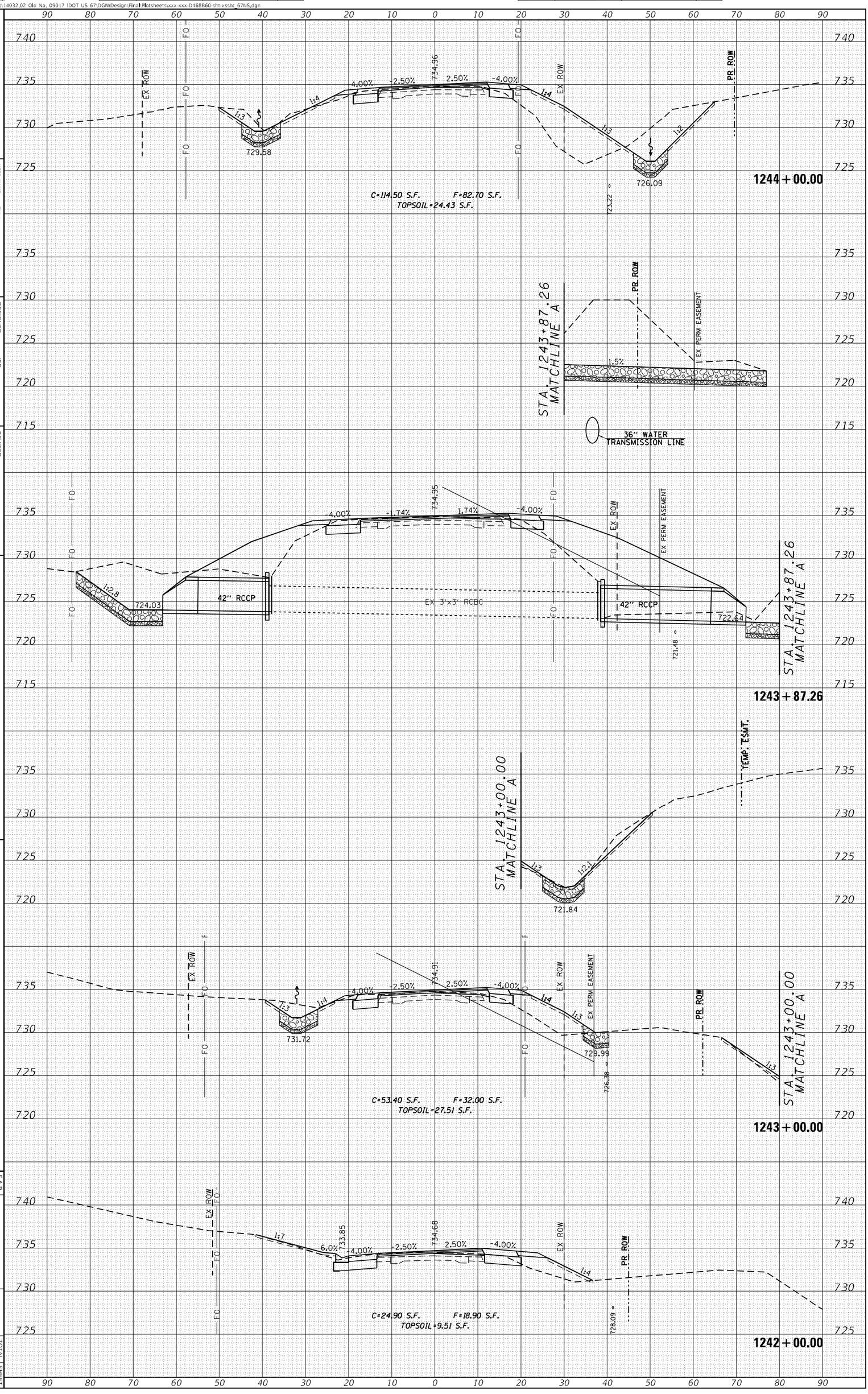


EFK•Moen
Civil Engineering Design

USER NAME = ZWaters
PLOT SCALE = 20.0000 ' / in.
PLOT DATE = 3/22/2023

DESIGNED - JRD
DRAWN - JRD
CHECKED - SLD
DATE - 3/22/2023

REVISED -
REVISED -
REVISED -
REVISED -

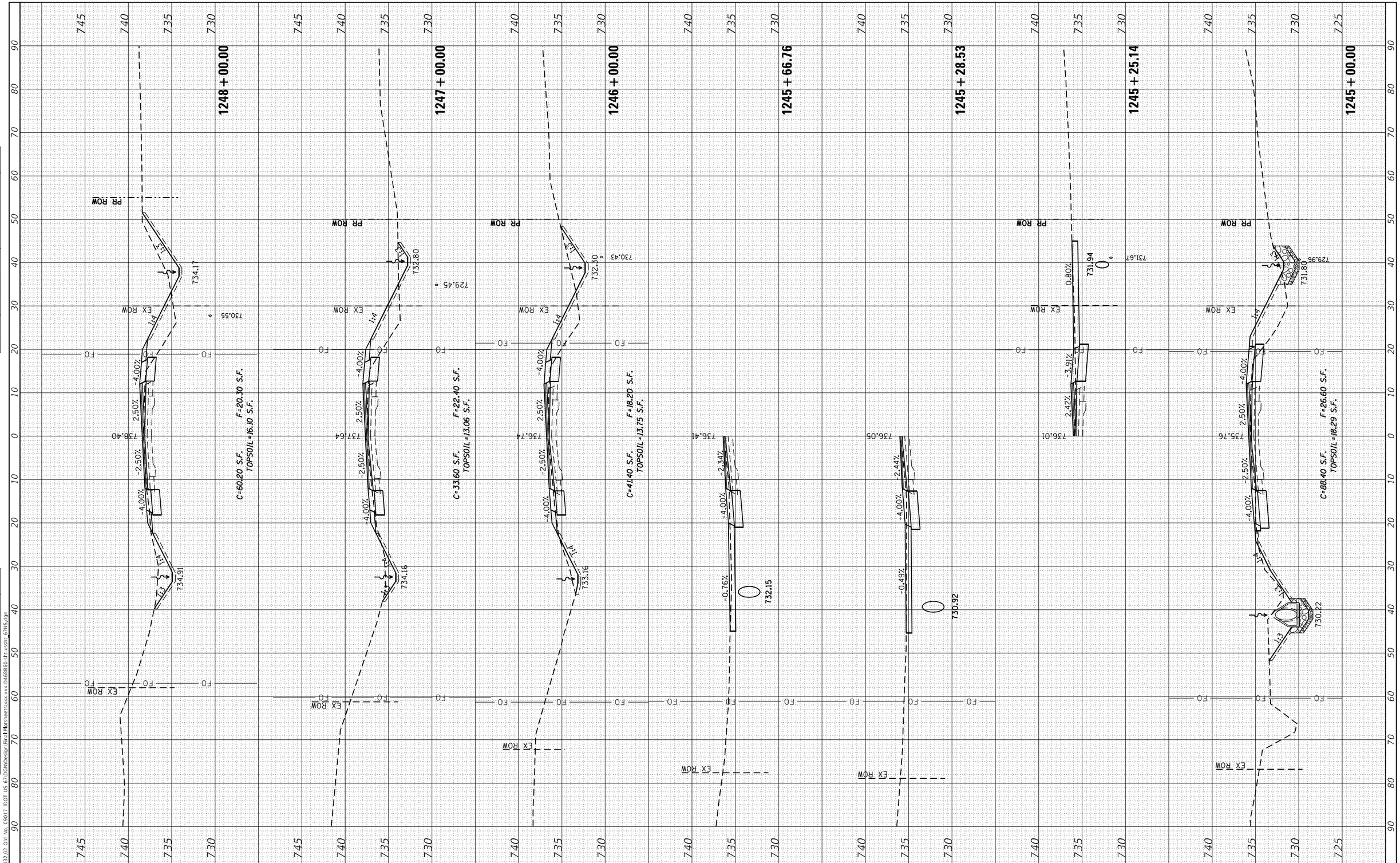
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 310
CROSS SECTIONS

SCALE: 5'V : 10'H
SHEET 65 OF 74 SHEETS
STA. 1242+00.00 TO STA. 1244+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	28W-2, 29W-1; 28RS-6, 29RS-4	WARREN	277	268

ILLINOIS FED. AID PROJECT
CONTRACT NO. 68B60



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

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

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EFK•Moen
Civil Engineering Design

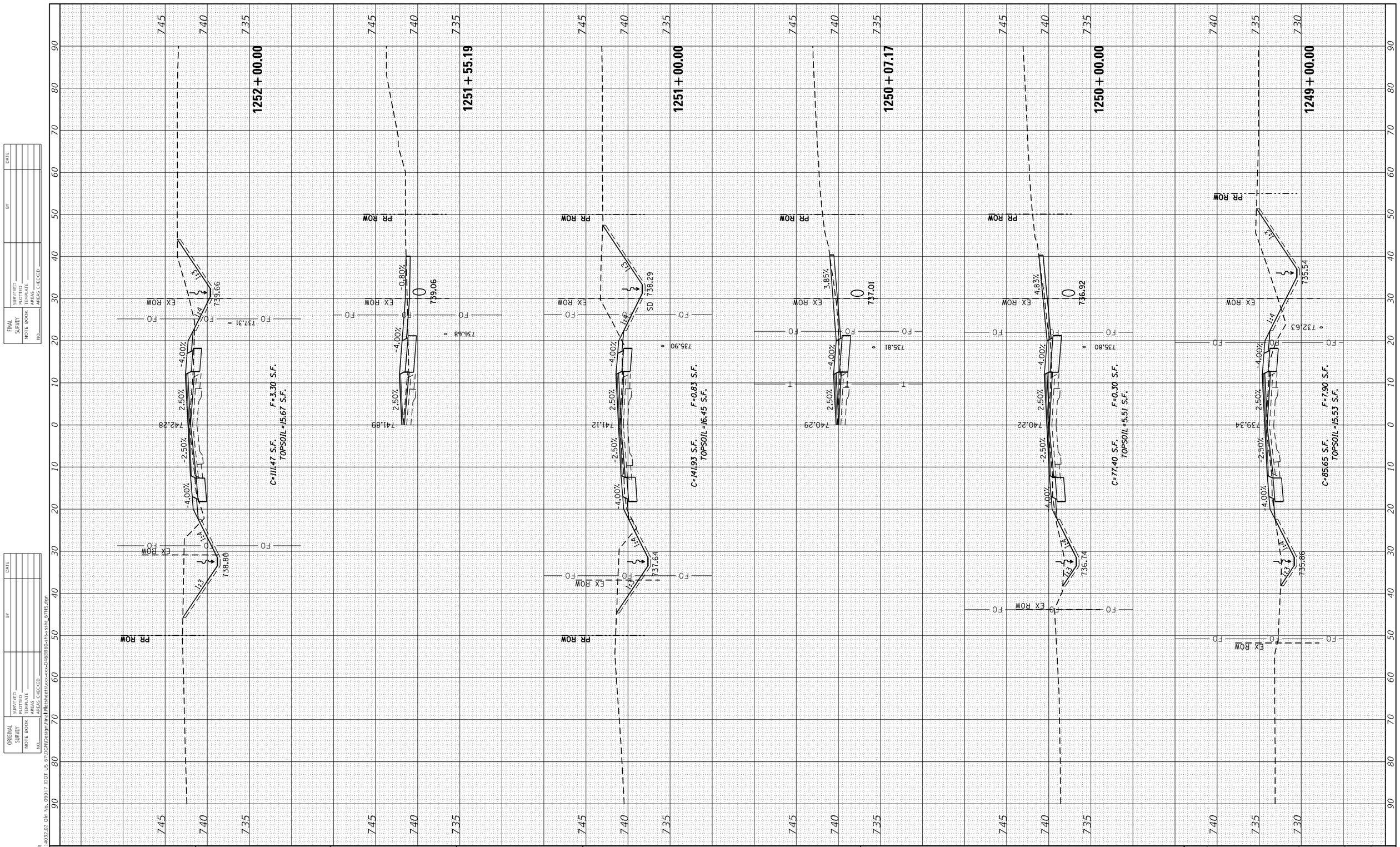
USER NAME = ZWaters	DESIGNED - JRD	REVISED -	
	DRAWN - JRD	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - SLD	REVISED -	
PLOT DATE = 3/22/2023	DATE - 3/22/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 310
CROSS SECTIONS

SCALE: 5'V : 10'H | SHEET 66 OF 74 SHEETS | STA. 1245+00.00 TO STA. 1248+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	28W-2, 29W-1; 28RS-6, 29RS-4	WARREN	277	269
		CONTRACT NO. 68B60		
		ILLINOIS FED. AID PROJECT		



FINAL SURVEY

NOTE BOOK	
NO.	

	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

ORIGINAL SURVEY

NOTE BOOK	
NO.	

	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

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EFK•Moen
Civil Engineering Design

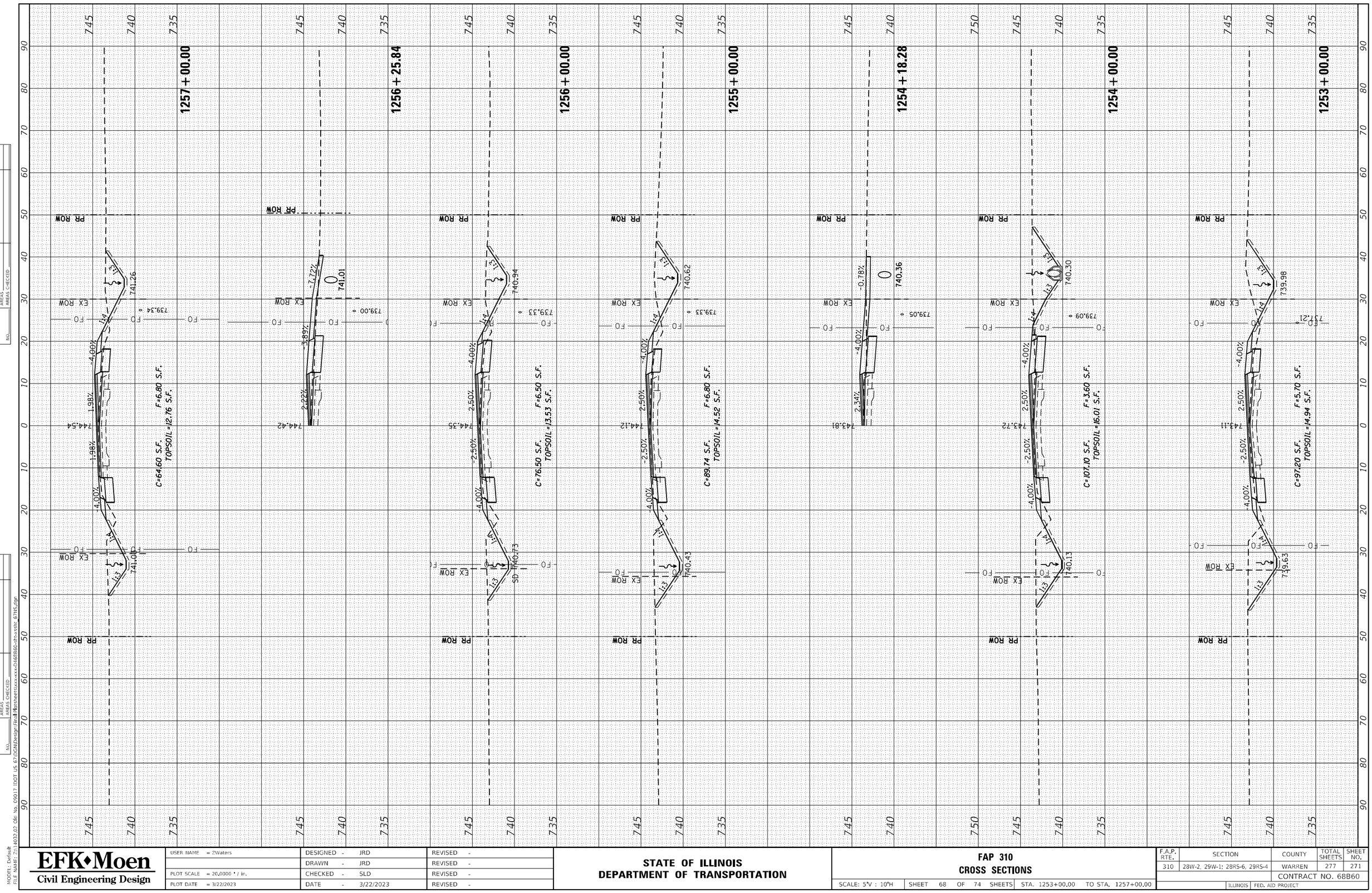
USER NAME = ZWaters	DESIGNED - JRD	REVISED -	
	DRAWN - JRD	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - SLD	REVISED -	
PLOT DATE = 3/22/2023	DATE - 3/22/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 310
CROSS SECTIONS

SCALE: 5'V : 10'H | SHEET 67 OF 74 SHEETS | STA. 1249+00.00 TO STA. 1252+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	28W-2, 29W-1; 28RS-6, 29RS-4	WARREN	277	270
		CONTRACT NO. 68B60		
	ILLINOIS FED. AID PROJECT			



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

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

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EFK•Moen
Civil Engineering Design

USER NAME = ZWaters	DESIGNED - JRD	REVISED -	
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PLOT SCALE = 20.0000 ' / in.	CHECKED - SLD	REVISED -	
PLOT DATE = 3/22/2023	DATE - 3/22/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

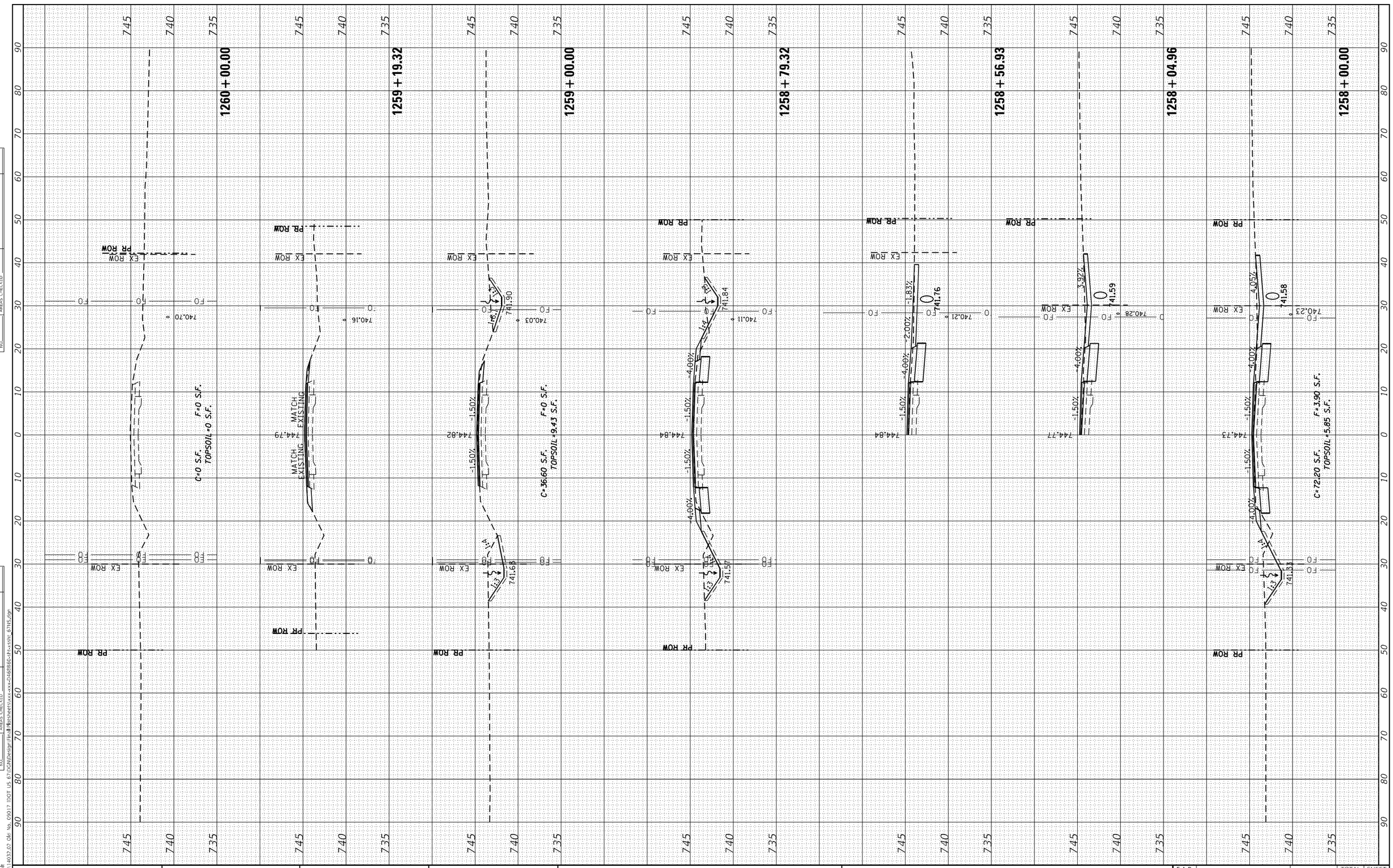
FAP 310
CROSS SECTIONS

SCALE: 5'V : 10'H | SHEET 68 OF 74 SHEETS | STA. 1253+00.00 TO STA. 1257+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	28W-2, 29W-1; 28RS-6, 29RS-4	WARREN	277	271

CONTRACT NO. 68B60

ILLINOIS | FED. AID PROJECT



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

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

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EFK•Moen
Civil Engineering Design

USER NAME = ZWaters	DESIGNED - JRD	REVISED -	
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PLOT SCALE = 20.0000 ' / in.	CHECKED - SLD	REVISED -	
PLOT DATE = 3/22/2023	DATE - 3/22/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

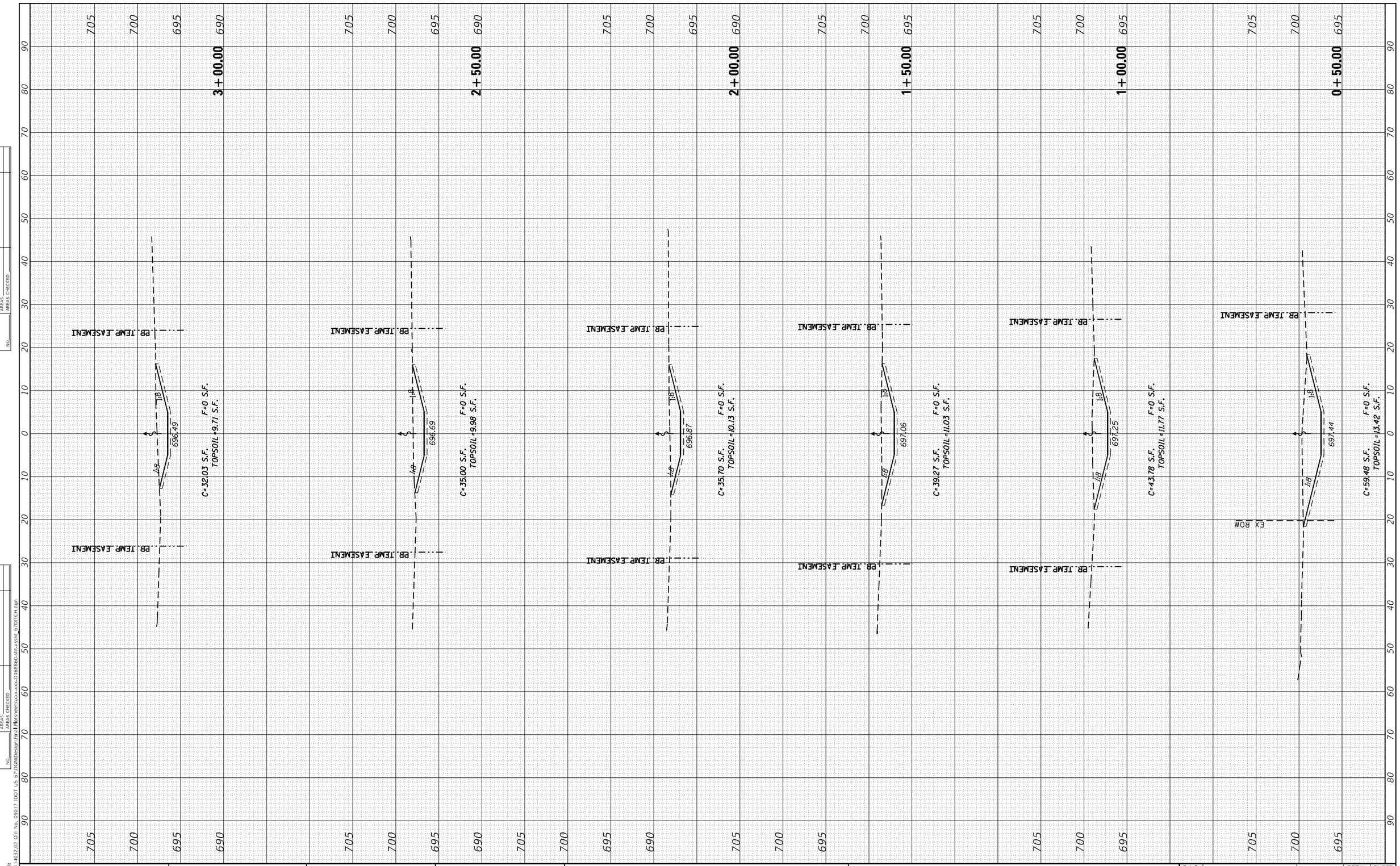
FAP 310
CROSS SECTIONS

SCALE: 5'V : 10'H | SHEET 69 OF 74 SHEETS | STA. 1258+00.00 TO STA. 1260+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	28W-2, 29W-1; 28RS-6, 29RS-4	WARREN	277	272
		CONTRACT NO. 68B60		
		ILLINOIS FED. AID PROJECT		

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

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



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EFK•Moen Civil Engineering Design	USER NAME = ZWaters	DESIGNED - JRD	REVISED -
		DRAWN - ZJW	REVISED -
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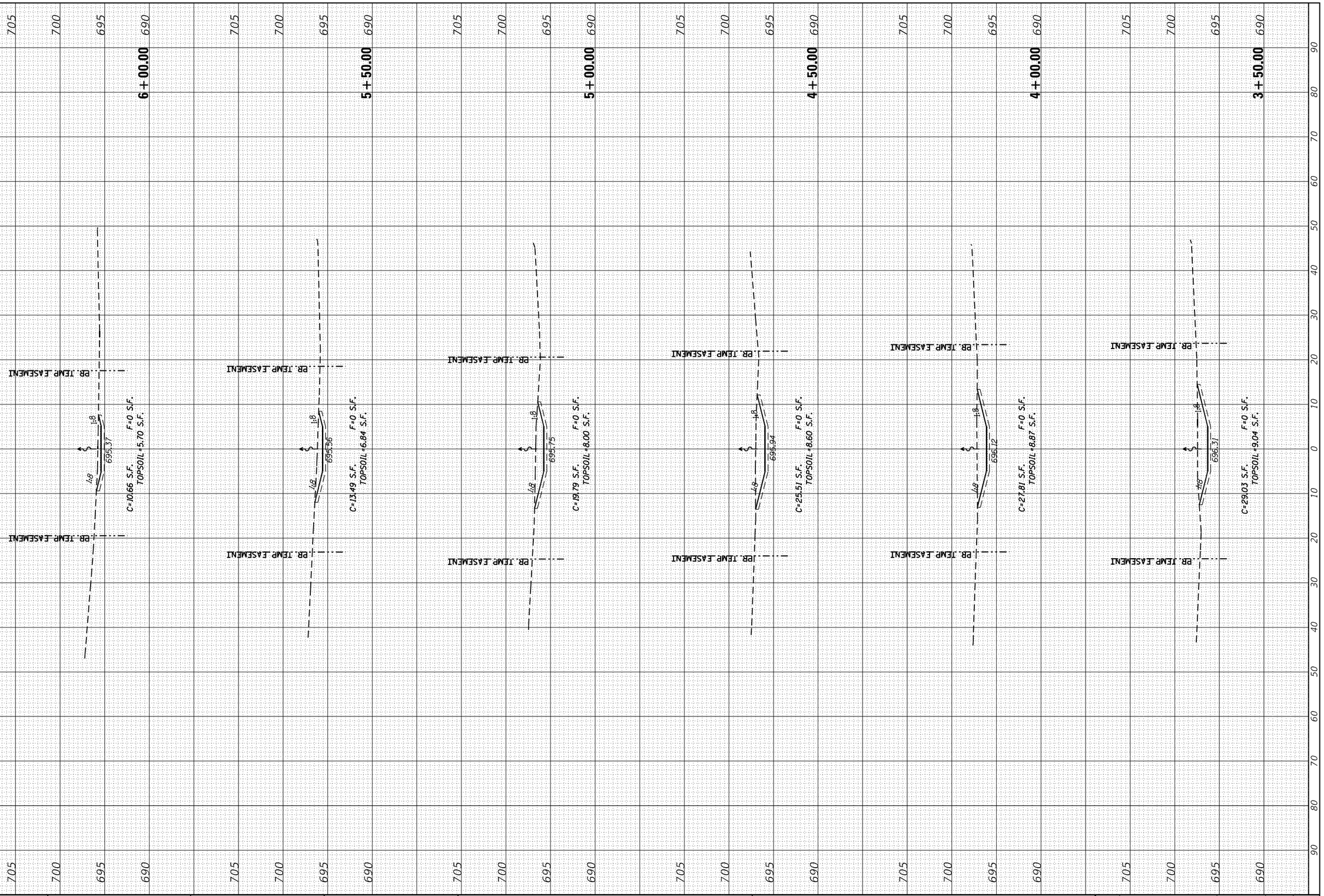
	PLOT DATE = 3/22/2023	DATE - 3/22/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DITCH CROSS SECTIONS
WATERWAY 1 1106+57.19

SCALE: 5'V : 10'H | SHEET 70 OF 74 SHEETS | STA. 0+50.00 | TO STA. 3+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	28W-2, 29W-1; 28RS-6, 29RS-4	WARREN	277	273
		CONTRACT NO. 68B60		
	ILLINOIS	FED. AID PROJECT		



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

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

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EFK•Moen
Civil Engineering Design

USER NAME = ZWaters	DESIGNED - JRD	REVISED -	
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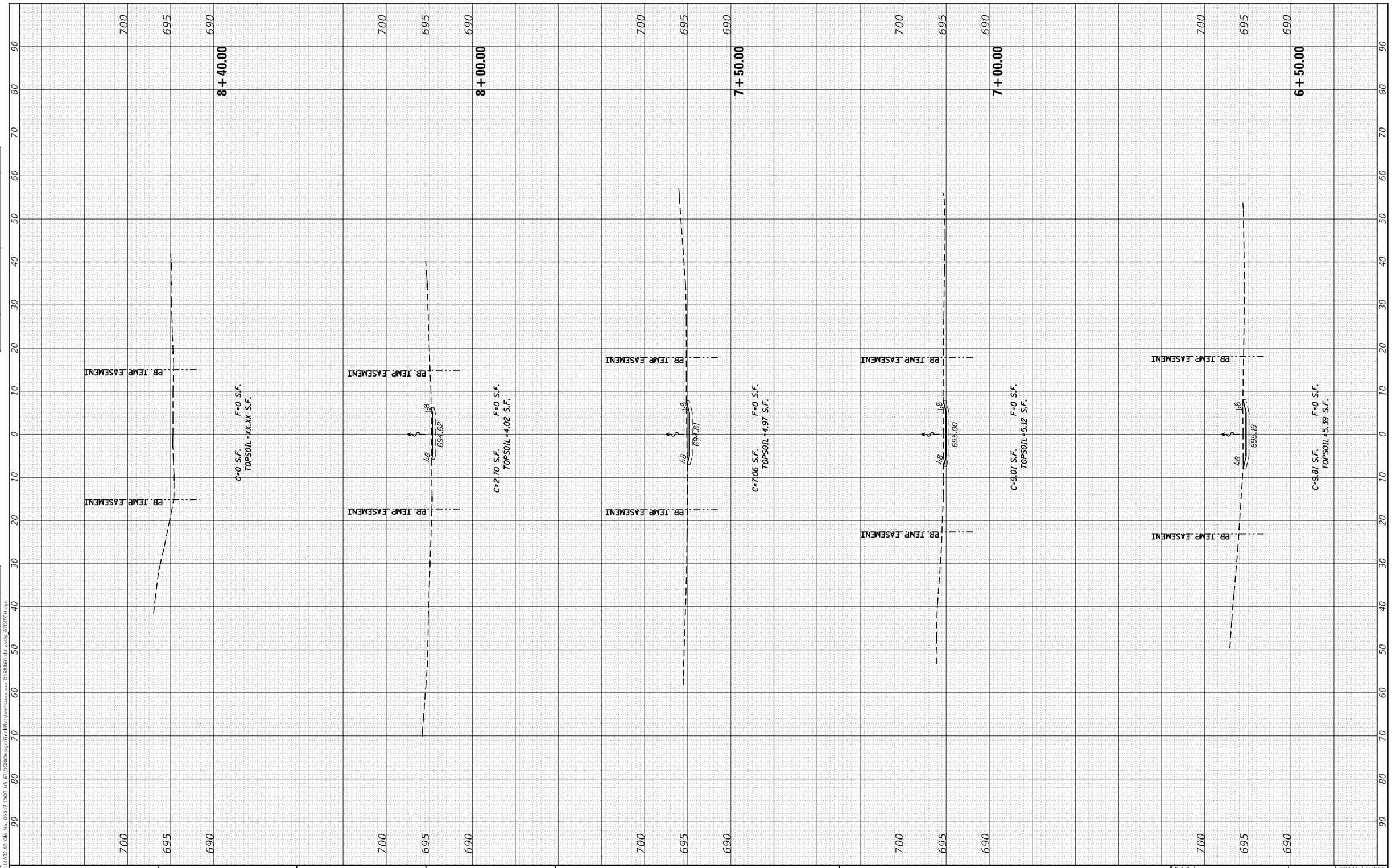
PLOT SCALE = 20.0000 ' / in.	CHECKED - SLD	REVISED -	
PLOT DATE = 3/22/2023	DATE - 3/22/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DITCH CROSS SECTIONS
WATERWAY 1 1106+57.19

SCALE: 5'V : 10'H | SHEET 71 OF 74 SHEETS | STA. 3+50.00 TO STA. 6+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	28W-2, 29W-1; 28RS-6, 29RS-4	WARREN	277	274
		CONTRACT NO. 68B60		
		ILLINOIS FED. AID PROJECT		



FINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
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	AREAS		
	AREAS CHECKED		

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

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EFK•Moen
Civil Engineering Design

USER NAME = ZWaters	DESIGNED - JRD	REVISED -	
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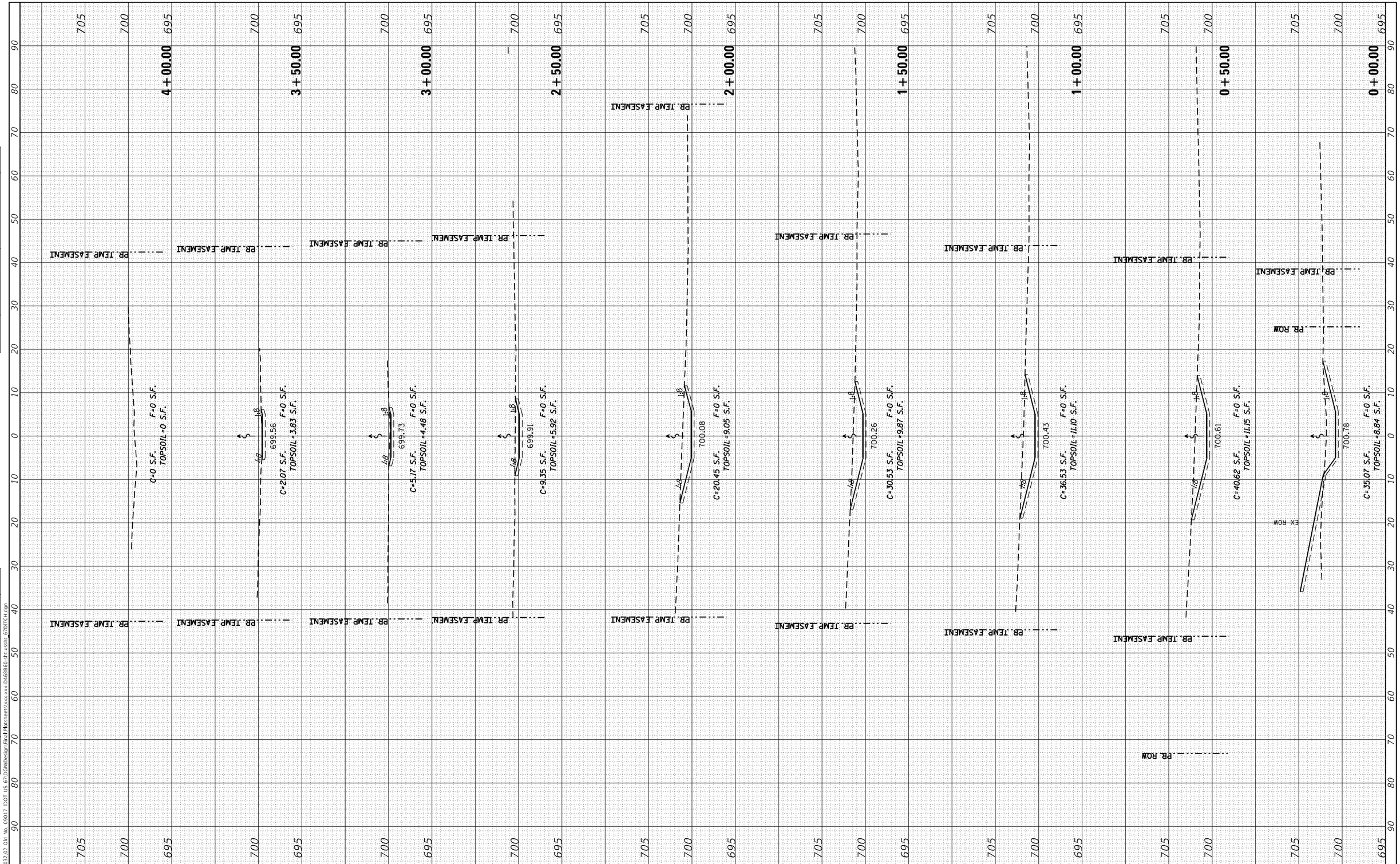
PLOT DATE = 3/22/2023	DATE - 3/22/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DITCH CROSS SECTIONS
WATERWAY 1 1106+57.19

SCALE: 5'V : 10'H | SHEET 72 OF 74 SHEETS | STA. 6+50.00 TO STA. 8+40.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	28W-2, 29W-1; 28RS-6, 29RS-4	WARREN	277	275
		CONTRACT NO. 68B60		
		ILLINOIS FED. AID PROJECT		



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

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

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EFK•Moen
Civil Engineering Design

USER NAME = ZWaters	DESIGNED - JRD	REVISED -	
	DRAWN - ZJW	REVISED -	
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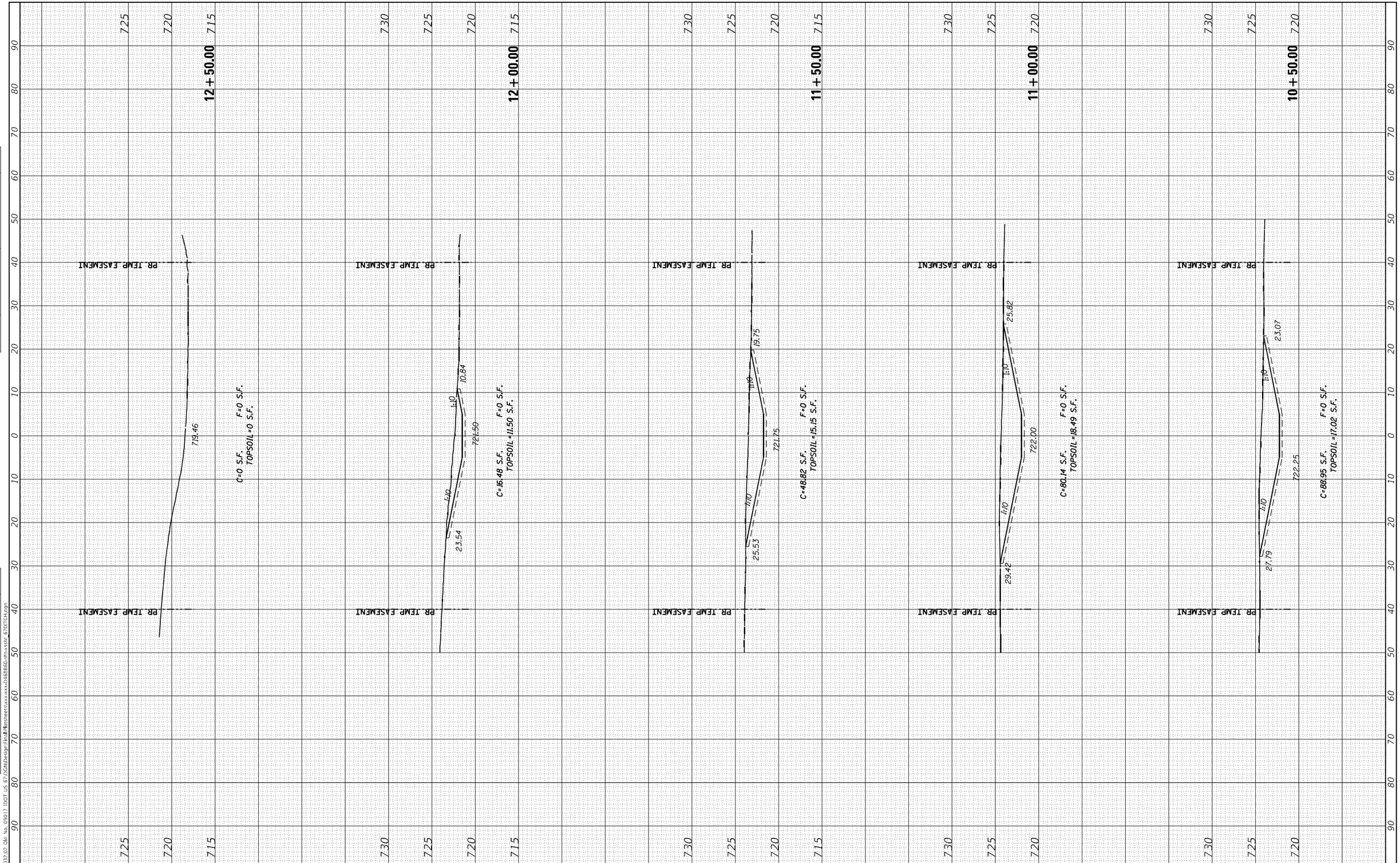
PLOT DATE = 3/22/2023	DATE - 3/22/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DITCH CROSS SECTIONS
WATERWAY 2 1113+92.13

SCALE: 5'V : 10'H | SHEET 73 OF 74 SHEETS | STA. 0+00.00 TO STA. 4+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	28W-2, 29W-1; 28RS-6, 29RS-4	WARREN	277	276
		CONTRACT NO. 68B60		
		ILLINOIS FED. AID PROJECT		



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

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

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EFK•Moen
Civil Engineering Design

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PLOT SCALE = 20.0000 ' / in.	CHECKED - SLD	REVISED -	
PLOT DATE = 3/22/2023	DATE - 3/22/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DITCH CROSS SECTIONS
CATTLEMAN 1228+32.61

SCALE: 5'V : 10'H | SHEET 74 OF 74 SHEETS | STA. 10+00.00 TO STA. 12+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	28W-2, 29W-1; 28RS-6, 29RS-4	WARREN	277	277
		CONTRACT NO. 68B60		
		ILLINOIS FED. AID PROJECT		