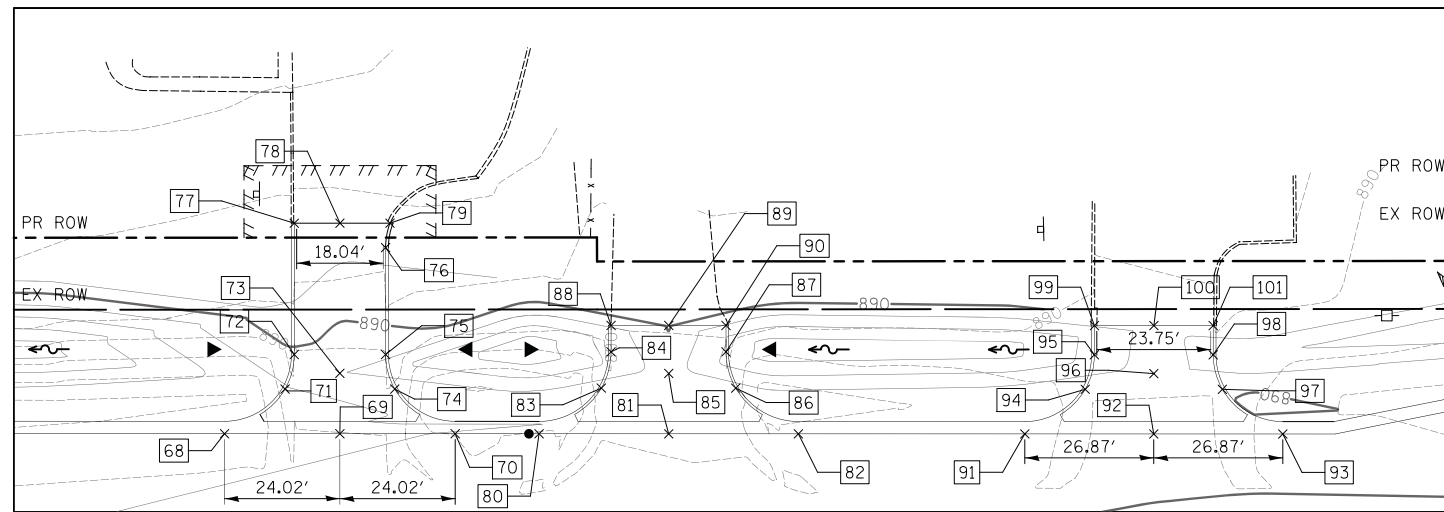
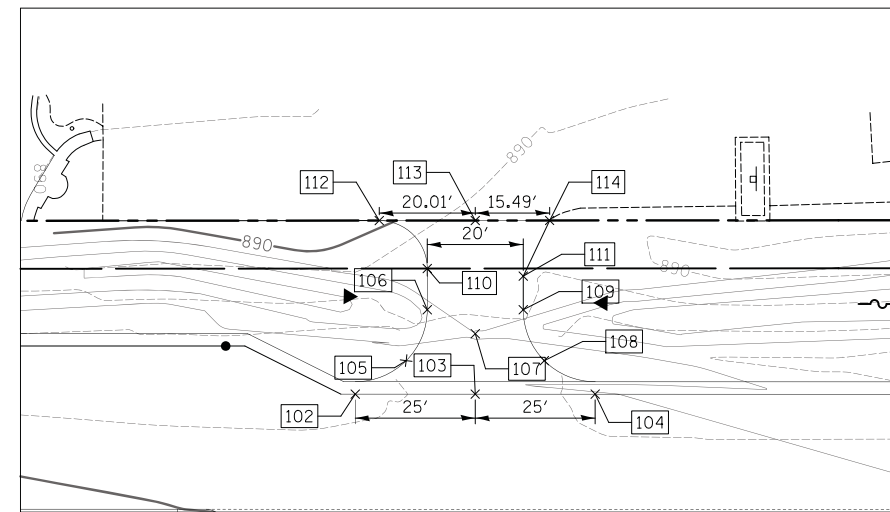


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	PLOTTED	BY
	CHECKED	
	ALIGNED	
	CAD FILE NAME	
NOTE BOOK NO.		

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

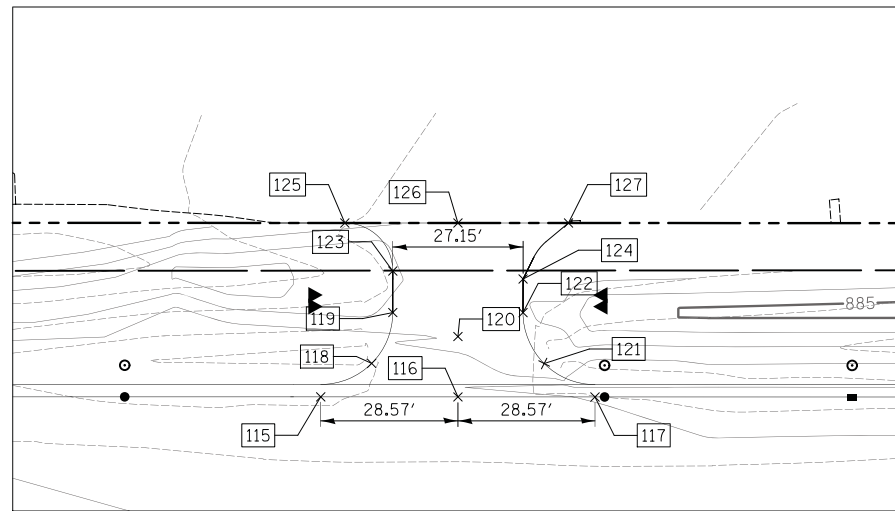


DETAIL "E"
 COMMERCIAL ENTRANCE
 STA. 303+60.61, LT
 STA. 304+29.09, LT
 STA. 305+30.20, LT

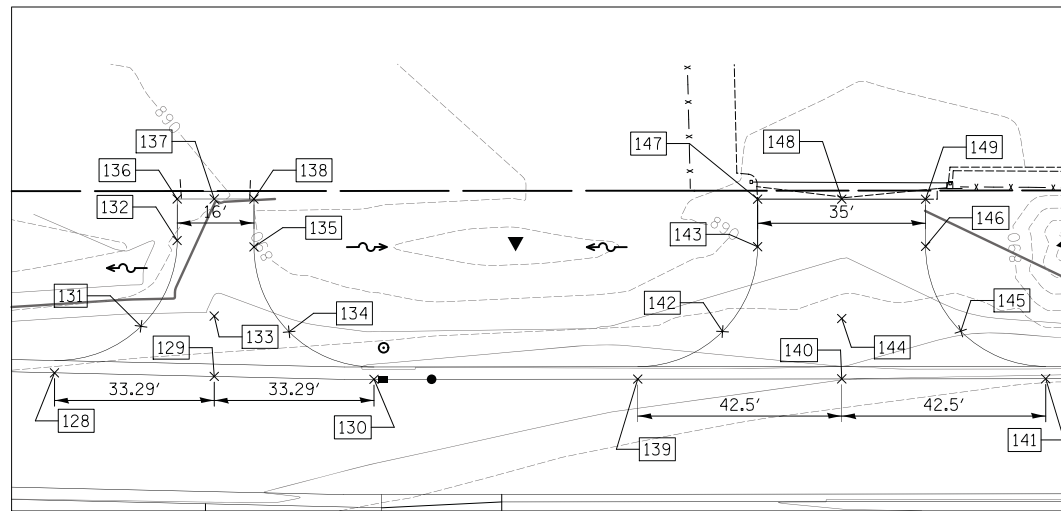


DETAIL "F"
 COMMERCIAL ENTRANCE
 STA. 307+15.99, LT

LEGEND
 (XXX.XX) EXISTING PAVEMENT ELEVATION
 XXX.XX PROPOSED PAVEMENT ELEVATION



DETAIL "G"
 COMMERCIAL ENTRANCE
 STA. 308+97.85, LT



DETAIL "H"
 COMMERCIAL ENTRANCE
 STA. 318+48.92, LT

POINT	STATION	OFFSET	ELEVATION
68	303+36.59	35.00' LT	888.79
69	303+60.61	35.00' LT	888.91
70	303+84.63	35.00' LT	889.03
71	303+49.19	44.31' LT	888.93
72	303+51.09	51.50' LT	889.33
73	303+60.61	47.58' LT	889.11
74	303+72.04	44.31' LT	889.15
75	303+70.13	51.50' LT	889.51
76	303+70.13	73.79' LT	891.30
77	303+51.09	78.86' LT	(891.63)
78	303+60.61	78.86' LT	(891.62)
79	303+71.05	78.87' LT	(891.63)
80	304+02.11	35.00' LT	889.12
81	304+29.13	35.00' LT	889.25
82	304+56.16	35.00' LT	889.39
83	304+15.08	44.53' LT	889.25
84	304+17.12	52.08' LT	889.71
85	304+29.13	47.58' LT	889.46
86	304+43.09	44.53' LT	889.53
87	304+41.05	52.08' LT	889.88
88	304+17.12	57.58' LT	(890.02)
89	304+29.13	57.58' LT	(890.09)
90	304+41.05	57.58' LT	(890.12)
91	305+03.33	35.00' LT	889.62
92	305+30.20	35.00' LT	889.71
93	305+57.08	35.00' LT	889.75
94	305+15.92	44.31' LT	889.50
95	305+17.83	51.50' LT	889.45
96	305+30.20	47.58' LT	889.52
97	305+44.49	44.31' LT	889.89
98	305+42.58	51.50' LT	889.42
99	305+17.83	57.58' LT	(889.40)
100	305+30.20	57.58' LT	(889.40)
101	305+42.58	57.58' LT	(889.48)
102	306+90.99	35.00' LT	889.32
103	307+15.99	35.00' LT	889.17
104	307+40.99	35.00' LT	889.03
105	307+01.59	41.97' LT	889.21
106	307+05.99	52.58' LT	889.09
107	307+15.99	47.58' LT	888.98
108	307+30.38	41.97' LT	888.95

POINT	STATION	OFFSET	ELEVATION
109	307+25.99	52.58' LT	888.87
110	307+05.98	61.16' LT	889.53
111	307+25.99	59.58' LT	889.22
112	306+95.98	71.16' LT	(890.21)
113	307+15.99	71.17' LT	(889.88)
114	307+31.48	71.19' LT	(889.69)
115	308+69.28	35.00' LT	888.29
116	308+97.85	35.00' LT	888.13
117	309+26.43	35.00' LT	887.98
118	308+79.89	41.97' LT	888.17
119	308+84.28	52.58' LT	888.05
120	308+97.85	47.58' LT	887.93
121	309+15.82	41.97' LT	887.89
122	309+11.43	52.58' LT	887.80
123	308+84.28	61.24' LT	887.95
124	309+11.43	59.58' LT	887.72
125	308+74.28	71.24' LT	(887.98)
126	308+97.85	71.24' LT	(887.72)
127	309+20.89	71.24' LT	(887.48)
128	316+84.92	33.77' LT	891.28
129	317+18.21	33.03' LT	891.47
130	317+51.50	32.44' LT	891.65
131	317+02.95	43.47' LT	890.82
132	317+10.47	61.35' LT	890.36
133	317+18.21	45.62' LT	891.27
134	317+33.81	42.33' LT	891.11
135	317+26.47	60.02' LT	890.56
136	317+10.47	70.00' LT	(889.88)
137	317+18.21	70.00' LT	(889.98)
138	317+26.47	70.00' LT	(890.05)
139	318+06.45	32.50' LT	891.88
140	318+48.95	32.55' LT	892.00
141	318+91.45	32.61' LT	892.04
142	318+24.11	42.42' LT	891.82
143	318+31.42	60.08' LT	890.76
144	318+48.95	45.13' LT	891.80
145	318+73.75	42.50' LT	891.73
146	318+66.42	60.19' LT	890.80
147	318+31.42	70.00' LT	(890.11)
148	318+48.95	70.00' LT	(890.21)
149	318+66.42	70.00' LT	(890.14)



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	PLOT SCALE = 20.0000' / in.	DRAWN - KWH	REVISED -
	PLOT DATE = 8/5/2013	CHECKED - GAB	REVISED -
		DATE - 06/24/2013	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

GRADING DETAILS	
SCALE: 1" = 20'	SHEET NO. 2 OF 2 SHEETS
STA. -- TO STA. --	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3887	18W&RS-5 (12)	MCHENRY	151	101
CONTRACT NO. 60V72			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

Benchmark: BM #1: Railroad Spike set in Power Pole on West Side of Illinois Route 31.
Sta. 286+43.57 Offset 76.96' Lt., Elevation 877.26

Existing Structure: None.

INDEX OF SHEETS

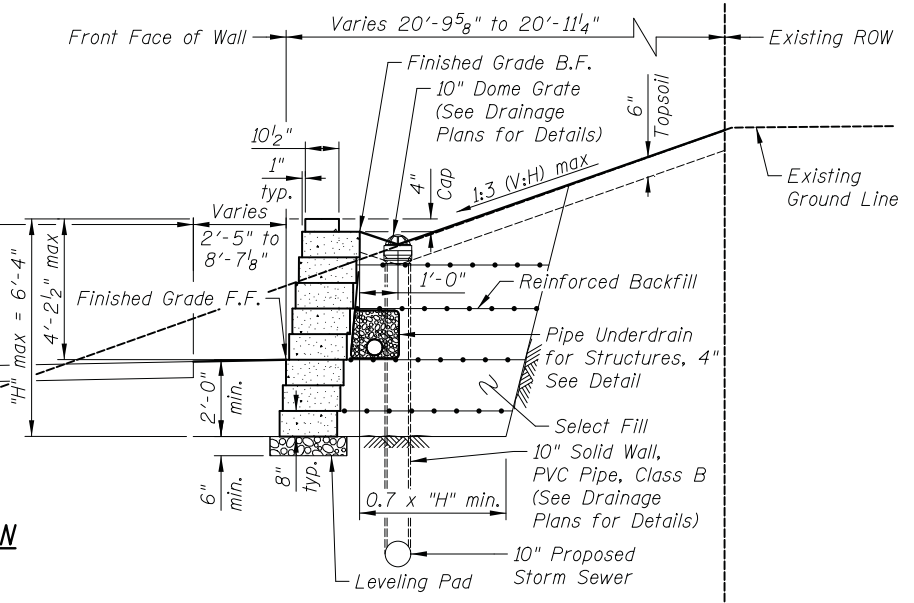
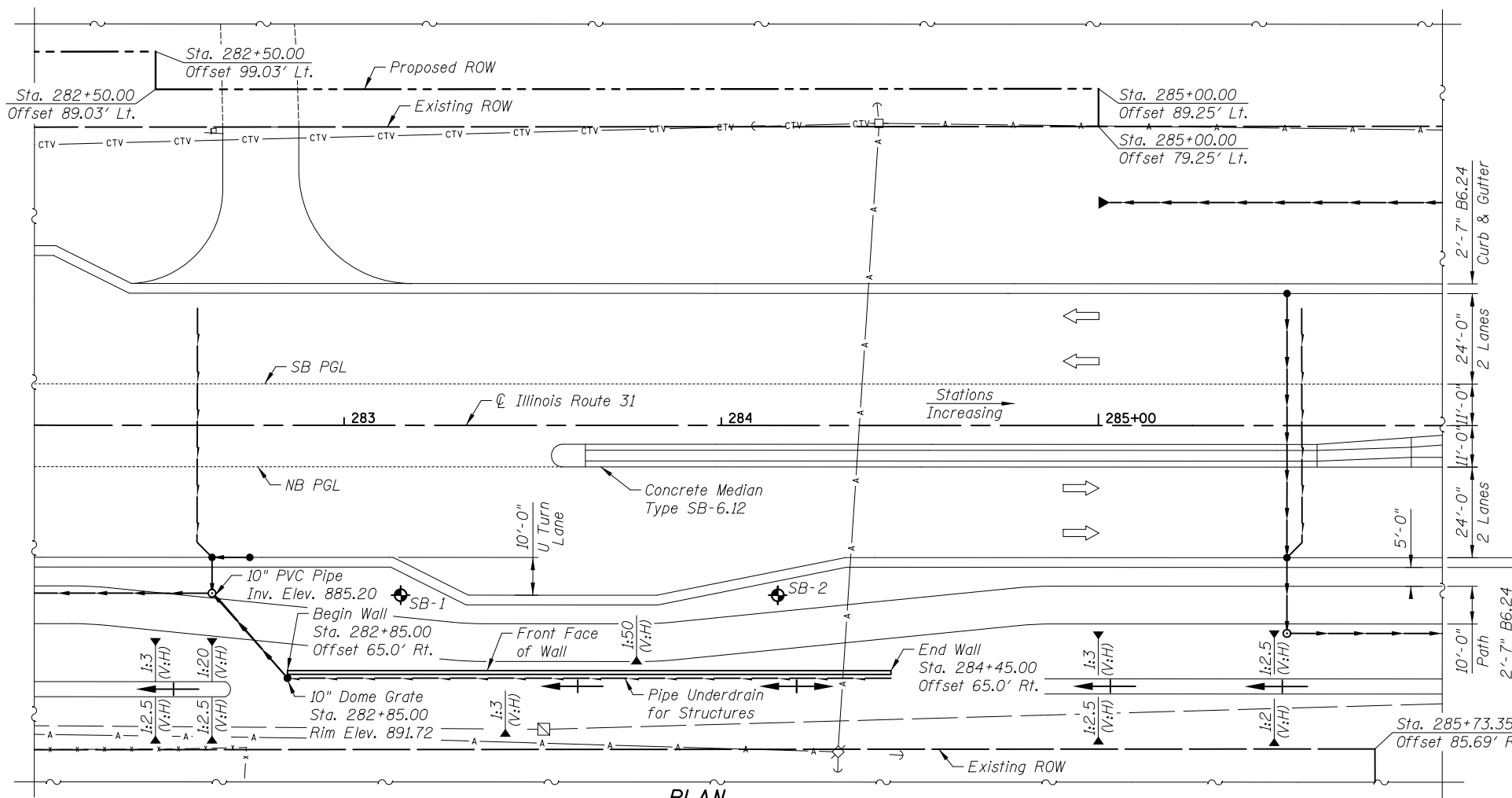
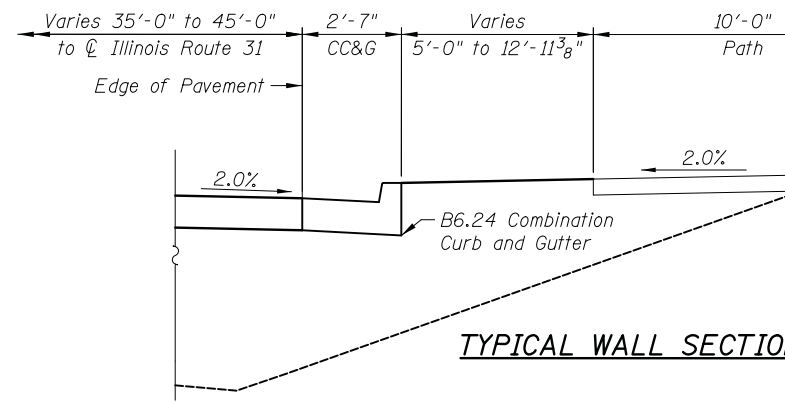
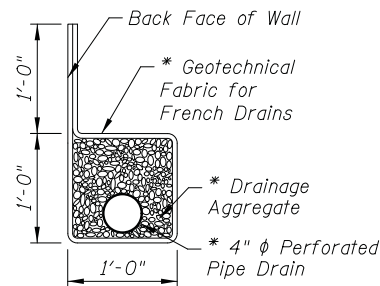
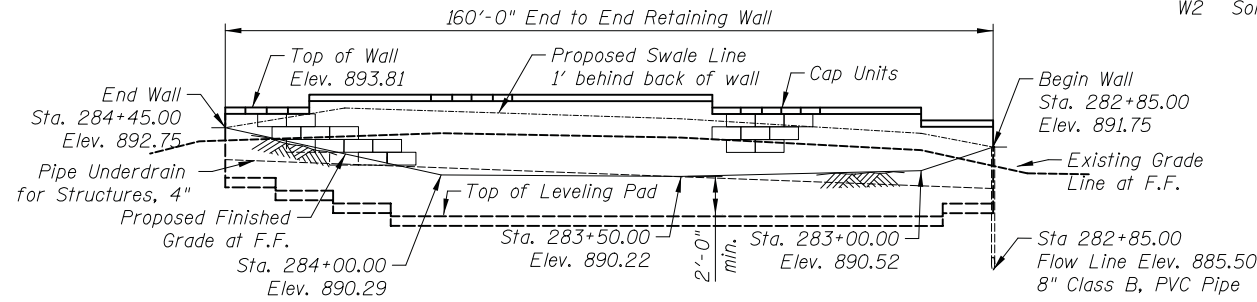
- W1 General Plan and Elevation
- W2 Soil Boring Logs

GENERAL NOTES:

1. Design and installation of Precast Modular Retaining Wall (including need for Soil Reinforcement) to be in accordance with Wall System Manufacturer Design Requirements and Specifications.
2. The blocks are to be Keystone standard units 21 1/2" deep. Units shall be installed according to manufacturers instructions.

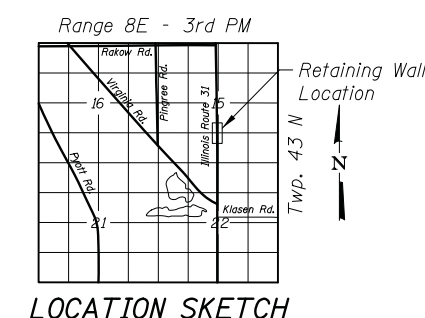
TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Pipe Underdrains for Structures, 4"	Foot	160
Precast Modular Retaining Wall	Sq. Ft.	847



LEGEND

- A — Existing Aerial Lines
- - - Existing Underground Signals Cable
- - - Existing Fence to Remain
- Proposed Storm Sewer
- Proposed Pipe Underdrain
- CTV — Existing Underground TV Cable
- ◆ Soil Boring Location



**GENERAL PLAN AND ELEVATION
RETAINING WALL; IL RTE 31 (F.A.U. 3887)
SECTION 18W&RS-5 (12), McHENRY COUNTY
STA. 282+85 TO STA. 284+45
STRUCTURE NO. 056-W015**

CIVILTECH
450 E Devon Ave, Suite 300
Itasca, Illinois 60143
Tel: 630.773.3900 Fax: 630.773.3975
www.civiltechinc.com

DRAWN - K. BOCHNOWSKI	REVISED -
DESIGNED - M. LANGE	REVISED -
CHECKED - G. HATLESTAD	REVISED -
DATE - 12/17/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GENERAL PLAN AND ELEVATION
SN 056-W015**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3887	18W&RS-5 (12)	McHENRY	151	102
CONTRACT NO. 60V72			ILLINOIS FED. AID PROJECT	

SHEET NO. W1 OF W2 SHEETS

3/22/17 PM 3:22:47 PM Y:\2278 North Gap\cad\sheet\6-Detail\2278NC-WALL_Boring_Logs.dgn

MSET PROJECT NO.: 12518		LOG OF BORING NO. SB-1		Page 1 of 1					
PROJECT: IL Route 31 Retaining Wall		SITE LOCATION: Crystal Lake, IL							
BORING LOCATION: STA. 283+15, 45' R of CL		CLIENT: Civiltech Engineering, Inc.							
DEPTH (feet)	SOIL TYPE	Material Description	Elevation	SAMPLE		TESTS			REMARKS
				TYPE/INTERVAL	NO.	N-VALUE Blows per ft.	Wc%	Dry Unit Weight, pcf	
0		Dark Brown Silty CLAY TOPSOIL (13")							
4	SS	Brown Sandy LOAM, A-4, occasional cobbles, dense to medium dense	1	35	10	--	--		
			2	35	8	--	--		
			3	70/7"	8	--	--		
			4	25	9	--	--		
8	SS	moist	5	29	6	--	--		
			6	22	9	--	--		
12	SS		7	37	4	--	--		
			8	32	3	--	--		
16		Brown SAND (f-c) and GRAVEL, A-1, dense							
20		End of Boring at 20'							

WATER LEVEL OBSERVATIONS, ft.
DURING DRILLING: none
IMMEDIATELY AFTER DRILLING: dry
DELAYED READING AFTER



BORING STARTED: 11/27/12
BORING COMPLETED: 11/27/12
LOGGED BY: SPE
BORING METHOD: CFA

Midland Standard Engineering & Testing, Inc. 558 Plate Drive Unit 6, East Dundee, IL 60118 (847) 844-1895 (847) 844-3875

MSET PROJECT NO.: 12518		LOG OF BORING NO. SB-2		Page 1 of 1					
PROJECT: IL Route 31 Retaining Wall		SITE LOCATION: Crystal Lake, IL							
BORING LOCATION: STA. 284+15, 45' R of CL		CLIENT: Civiltech Engineering, Inc.							
DEPTH (feet)	SOIL TYPE	Material Description	Elevation	SAMPLE		TESTS			REMARKS
				TYPE/INTERVAL	NO.	N-VALUE Blows per ft.	Wc%	Dry Unit Weight, pcf	
0		Black Silty CLAY TOPSOIL (12")							
4	SS	Brown Sandy LOAM and GRAVEL, A-4, medium dense	1	29	2	--	--		
			2	28	14	--	--		
8	SS	Brown Silt LOAM to SILT, A-4, medium dense to dense	3	37	22	98	--		
			4	70	7	--	--		
12	SS	Brown Gravelly LOAM, A-2-4 to A-4, very dense	5	38	10	--	--		
			6	44	9	--	--		
16	SS	Brown Sandy LOAM to LOAM, A-4, dense	7	47	10	--	--		
			8	50/5"	2	--	--		
20		End of Boring at 20'							

WATER LEVEL OBSERVATIONS, ft.
DURING DRILLING: none
IMMEDIATELY AFTER DRILLING: dry
DELAYED READING AFTER



BORING STARTED: 11/27/12
BORING COMPLETED: 11/27/12
LOGGED BY: SPE
BORING METHOD: CFA

Midland Standard Engineering & Testing, Inc. 558 Plate Drive Unit 6, East Dundee, IL 60118 (847) 844-1895 (847) 844-3875

CIVILTECH
450 E Devon Ave, Suite 300
Itasca, Illinois 60143
Tel: 630.773.3900 Fax: 630.773.3975
www.civiltechinc.com

DRAWN - K. BOCHNOWSKI	REVISED -
DESIGNED - M. LANGE	REVISED -
CHECKED - G. HATLESTAD	REVISED -
DATE - 06/24/2013	REVISED -

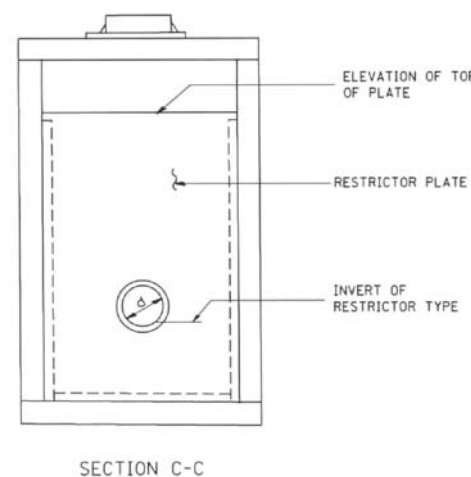
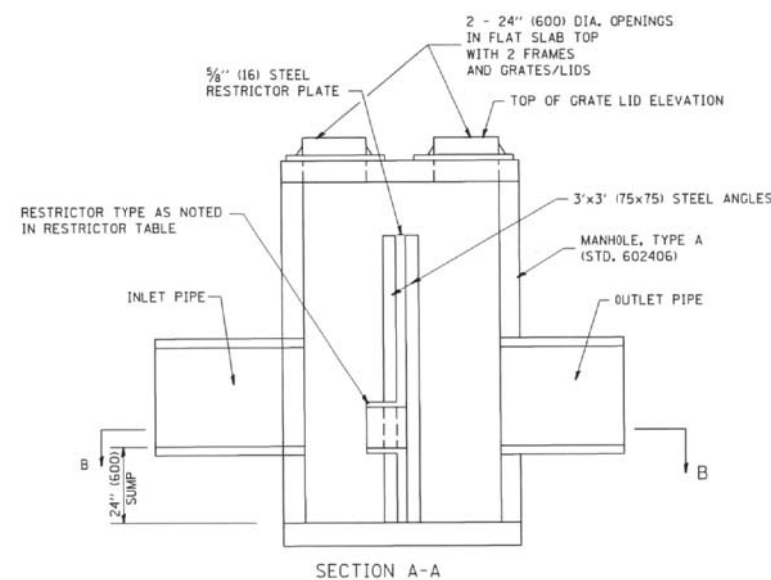
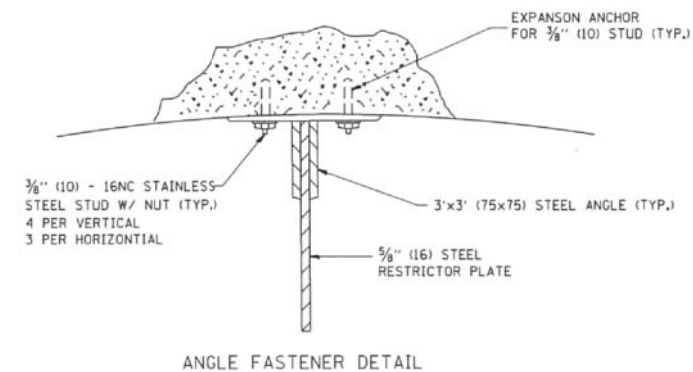
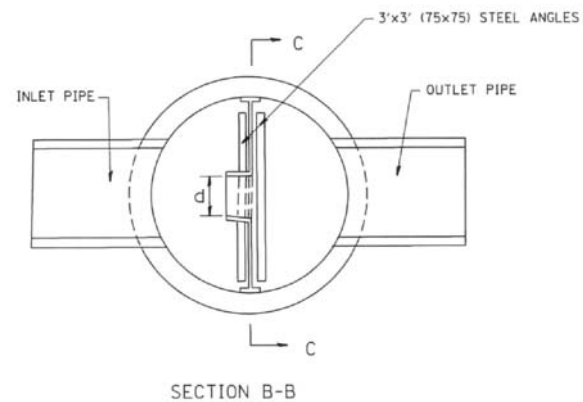
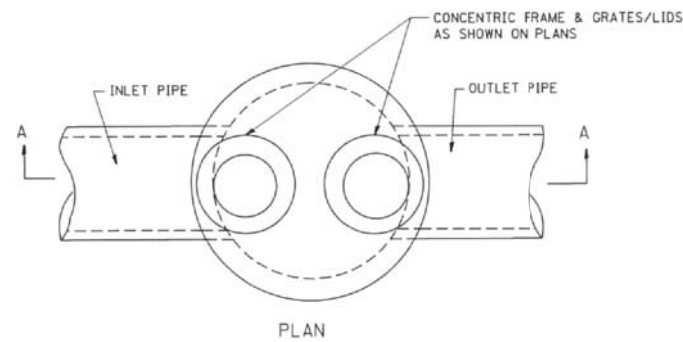
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BORING LOGS

SHEET NO. W2 OF W2 SHEETS

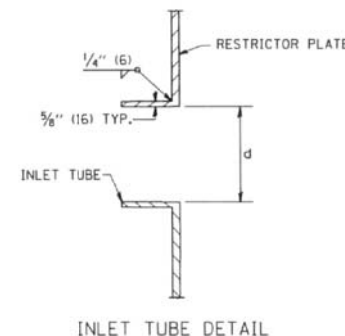
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3887	18W&RS-5 (12)	MCHENRY	151	103
CONTRACT NO. 60V72				

ILLINOIS FED. AID PROJECT

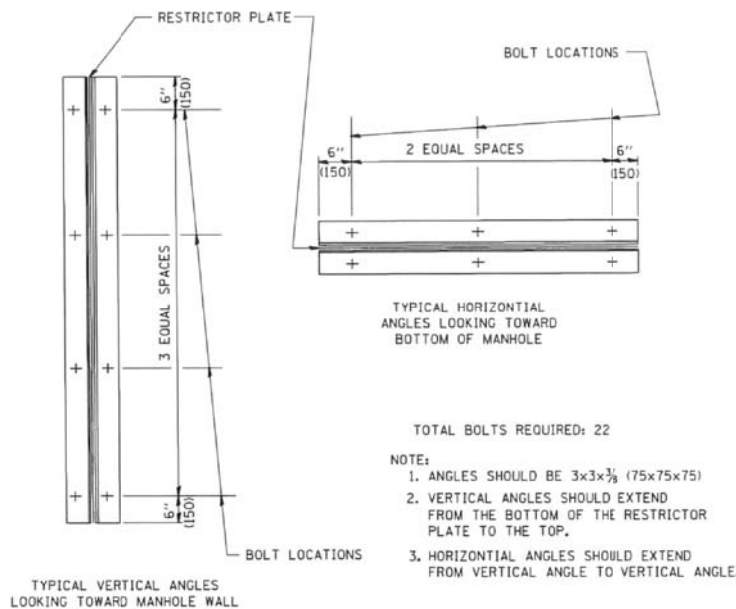


NOTES:

1. ALL STEEL ANGLES AND PLATES TO BE GALVANIZED AFTER FABRICATION.
2. ALL RESTRICTOR PLATES, ANGLES AND HARDWARE TO BE INCLUDED IN THE COST OF THE MANHOLE.
3. BASIS OF PAYMENT: "MANHOLES, TYPE A, 6 FT. (1.8 m)-DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE" EACH



STATION	MANHOLE DIAMETER	FRAME AND GRATE	RESTRICTOR TYPE	INSIDE RESTRICTOR TYPE DIAMETER in. (mm) (d)	INVERT OF RESTRICTOR TYPE	ELEVATION OF TOP OF PLATE OVERFLOW
277+75,LT	6	TIF OL	2	8.1	878.20	880.50
279+00,RT	6	TIF OL	2	11.33	880.20	882.50
289+50,RT	6	TIF OL	2	15.5	875.50	881.00
297+64,RT	6	TIF OL	2	8.25	879.75	883.75
300+50,RT	6	TIF OL	2	12.75	879.10	882.50
310+40,RT	6	TIF OL	2	11.66	883.35	886.00
311+60,LT	6	TIF OL	2	12.5	884.10	887.00
313+40,LT	6	TIF OL	2	12	884.20	887.50



- TOTAL BOLTS REQUIRED: 22
- NOTE:
1. ANGLES SHOULD BE 3x3x3/8 (75x75x75)
 2. VERTICAL ANGLES SHOULD EXTEND FROM THE BOTTOM OF THE RESTRICTOR PLATE TO THE TOP.
 3. HORIZONTAL ANGLES SHOULD EXTEND FROM VERTICAL ANGLE TO VERTICAL ANGLE.

RESTRICTOR TYPE					
1	2	3	4	5	6
RE-ENTRANT TUBE	SHARP EDGED	SQUARE EDGED	RE-ENTRANT TUBE	SQUARE EDGED	ROUNDED
LENGTH: 1/2 TO 1 DIA.		STREAM CLEARS SIDES	LENGTH: 2-1/2 DIA.	LENGTH: 2-1/2 DIA.	
C=.52	C=.61	C=.61	C=.73	C=.82	C=.98

VALUES OF "C" FOR CIRCULAR AND SQUARE ORIFICES

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

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	PLOT DATE = 1/4/2008	DATE - 09-09-94	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MANHOLE WITH RESTRICTOR PLATE			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	

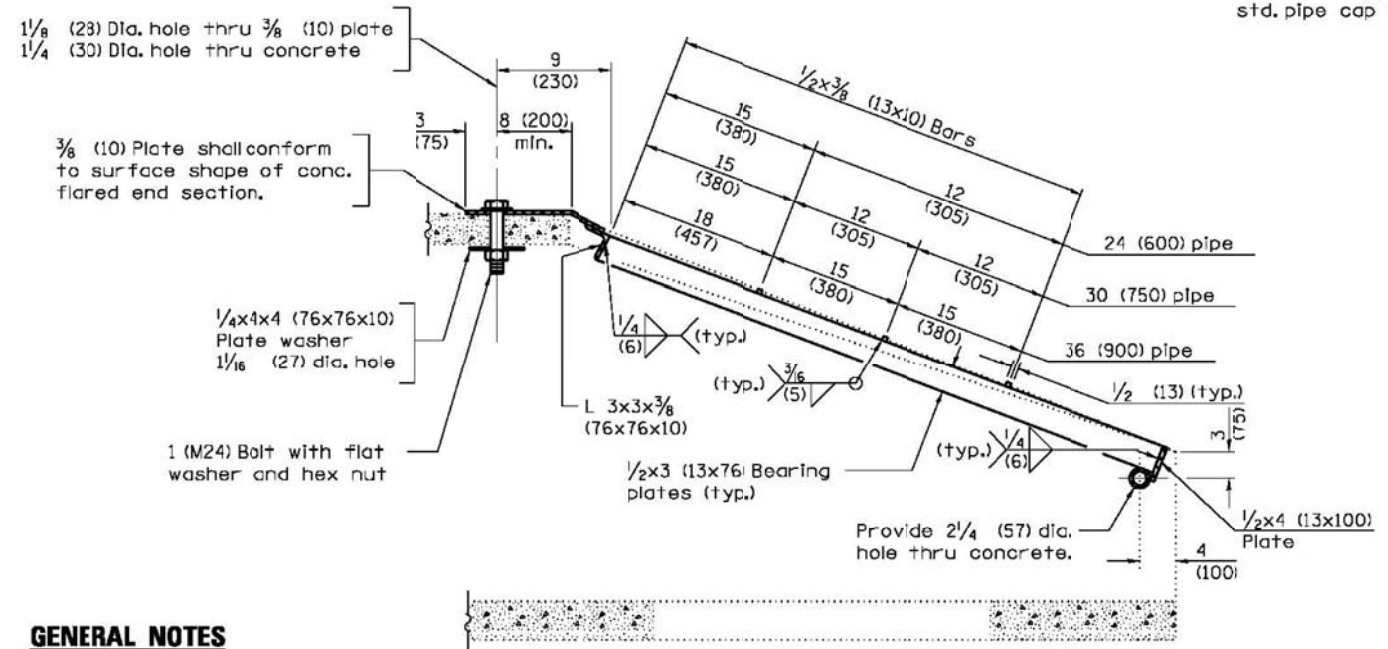
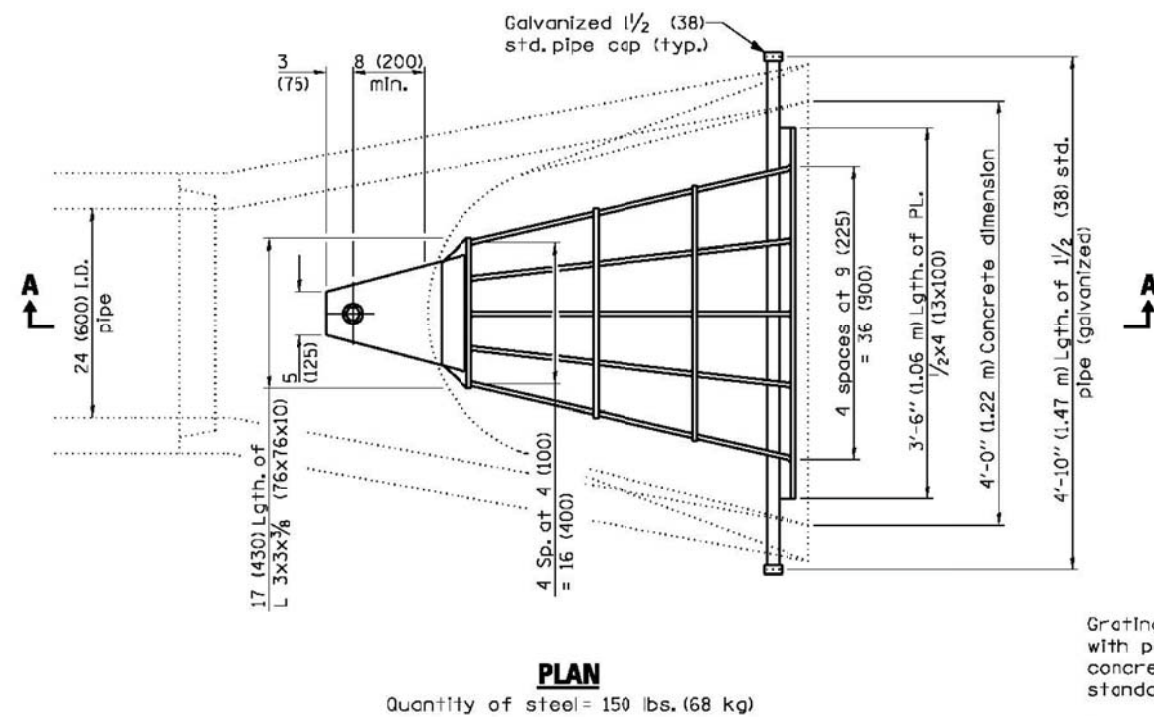
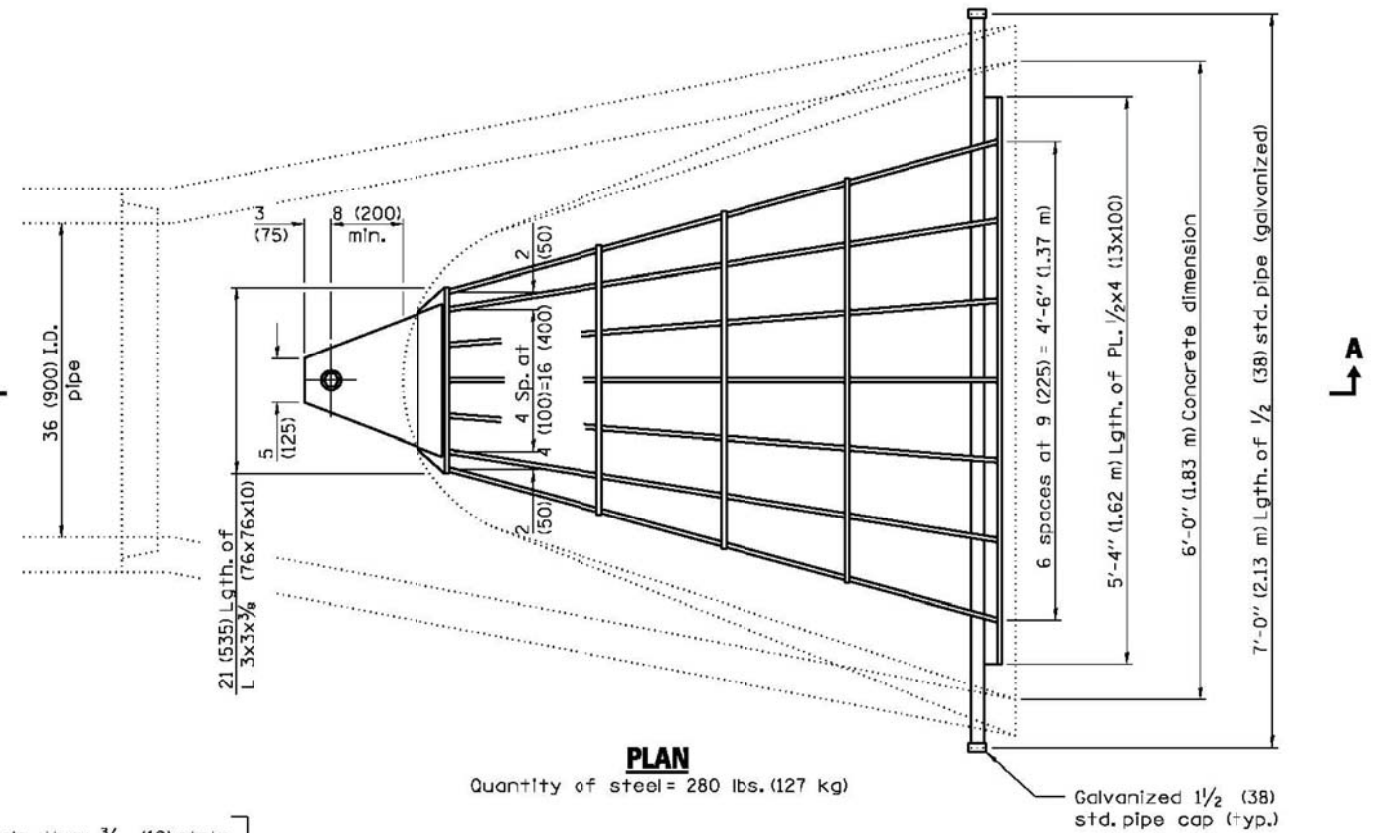
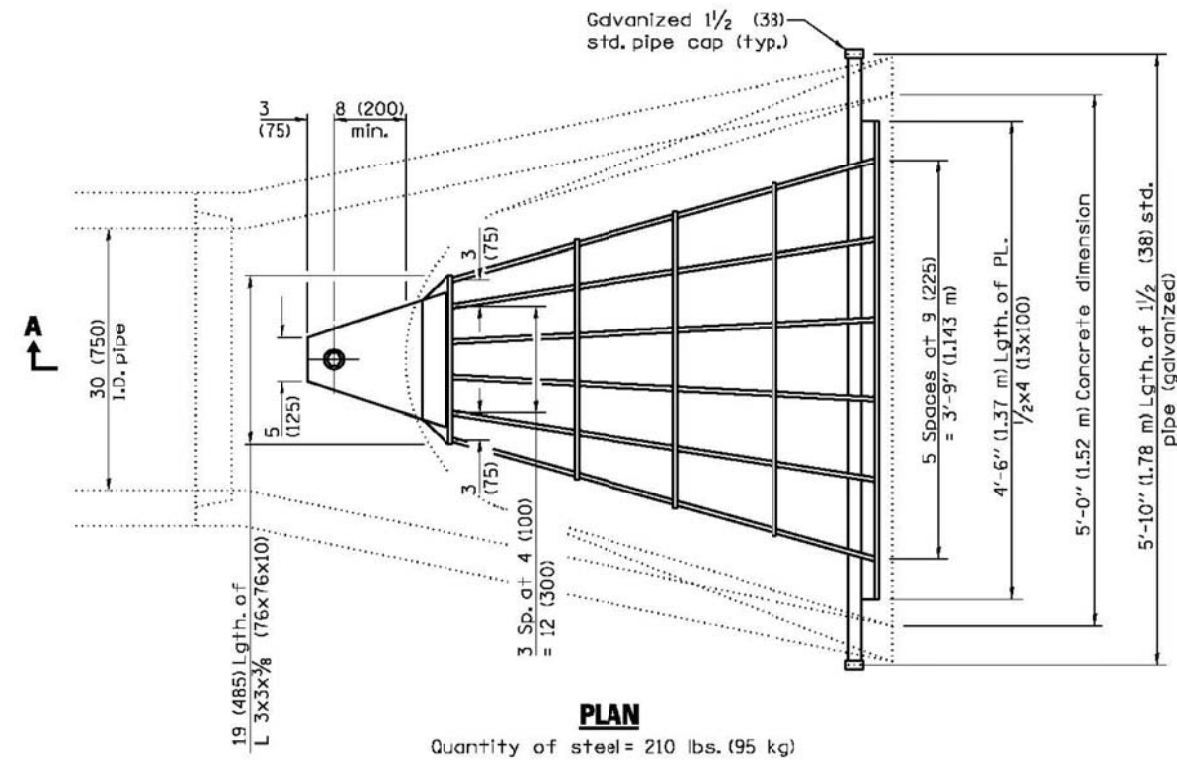
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
BD600-04	(BD-12)		151	104
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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	PLOT DATE = 8/5/2013	DATE - 06/24/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MANHOLE WITH RESTRICTOR PLATE DETAIL			
SCALE: GRAPHIC	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3887	18W&RS-5 (12)	MCHENRY	151	104
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



GENERAL NOTES

Grating details shown are intended for use with particular sizes of precast reinforced concrete flared end sections as shown on standards 542301 and 542306.

Approximate quantity of steel shown includes total quantity of grating, bolts, nuts, washers and steel pipe.

Holes in the precast concrete flared end sections shall be cored to the diameters noted. If cone-out on the other end of the hole occurs, the hole shall be filled with grout to correct the diameter of the hole.

All dimensions are in Inches (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = kwh	DESIGNED - KWH	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

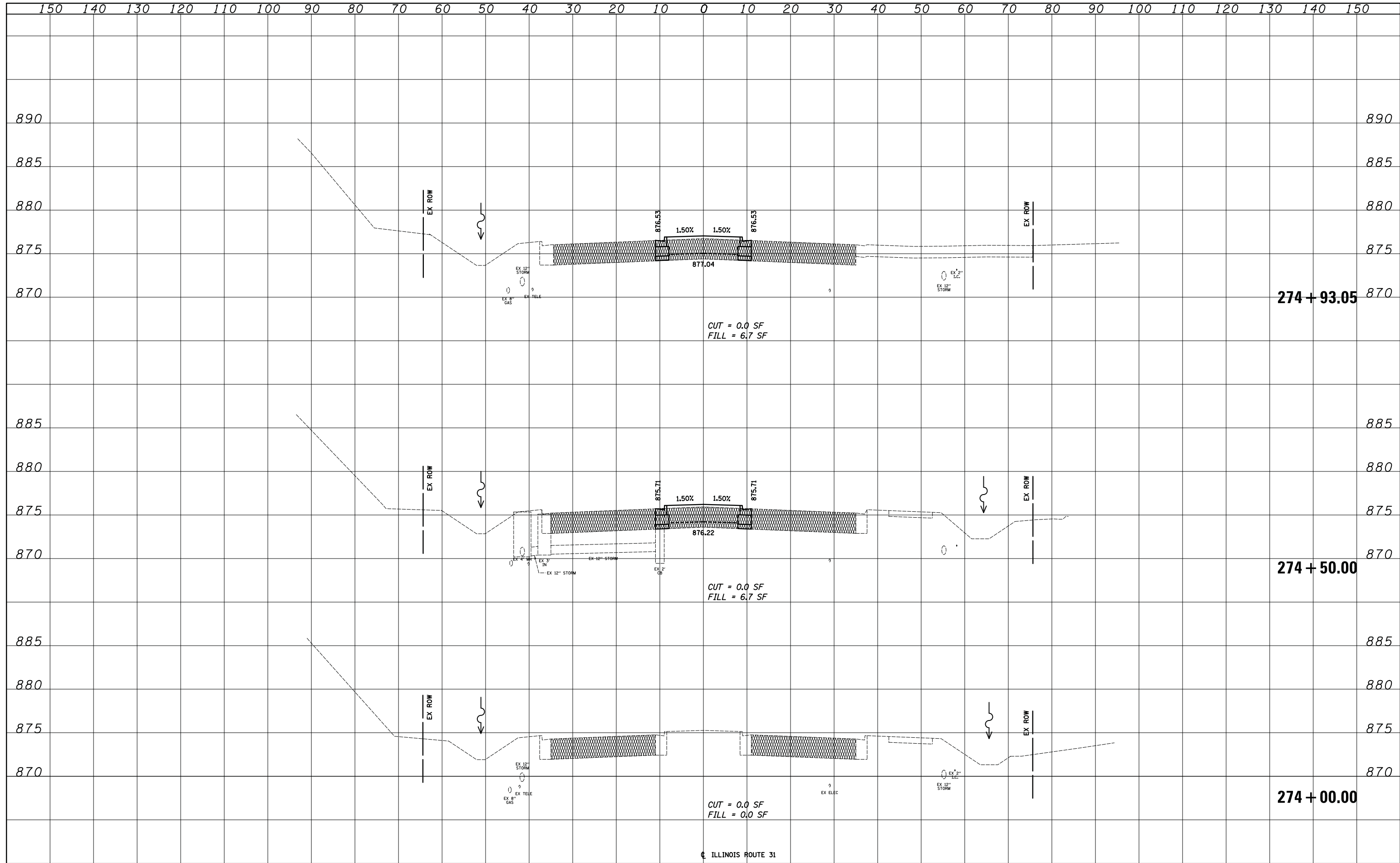
GRATING FOR CONCRETE FLARED END SECTION
(FOR 24" THRU 36" PIPE)

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3887	18W&RS-5 (12)	MCHENRY	151	105
CONTRACT NO. 60V72				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

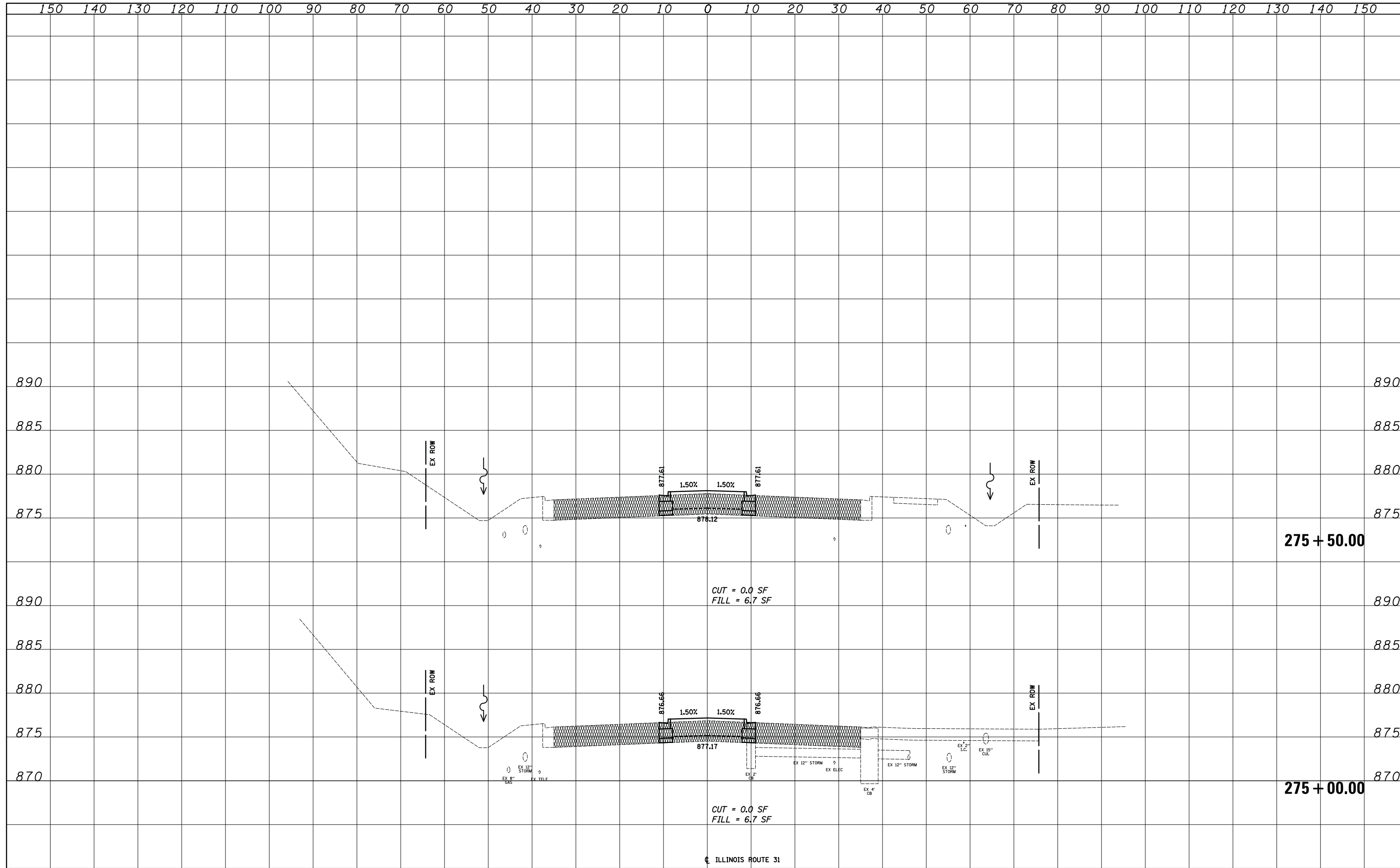
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DATE	
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PLOTTED	
TEMPLATE	
AREAS	
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DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
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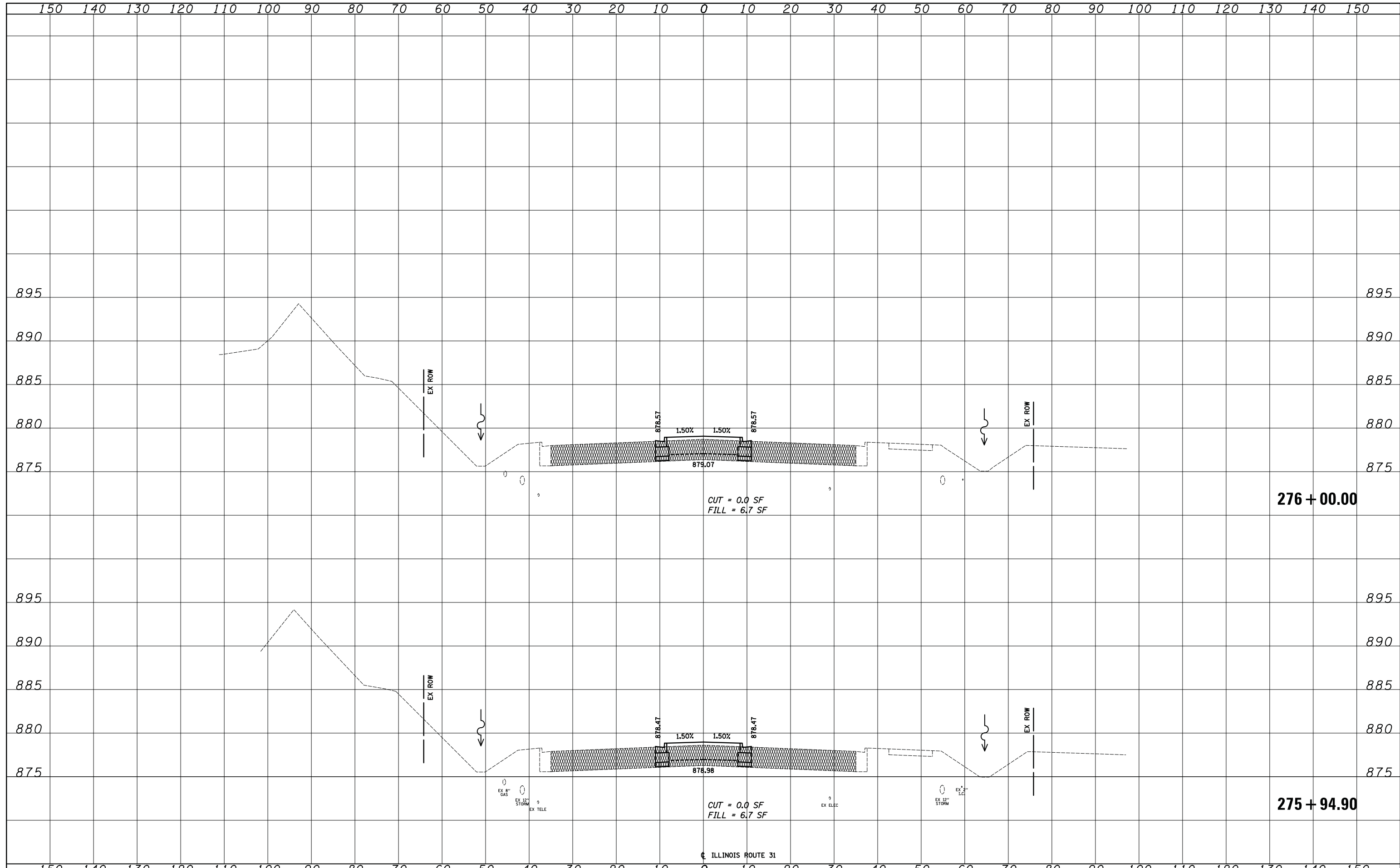
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SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
FINISH	
NO.	



FILE NAME = ...2278NG-sht-xssh402.dgn	USER NAME = kwh	DESIGNED - KWH	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS		F.A.U. RTE. 3887	SECTION 18W&RS-5 (12)	COUNTY McHENRY	TOTAL SHEETS 151	SHEET NO. 107	
	PLOT SCALE = 10.0000' / in.	CHECKED - GAB	REVISD -		SCALE:	SHEET NO. 2 OF 46 SHEETS	STA. 275+00.00 TO STA. 275+50.00	CONTRACT NO. 60V72				
	PLOT DATE = 8/5/2013	DATE - 06/24/2013	REVISD -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							
... ILLINOIS ROUTE 31												

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

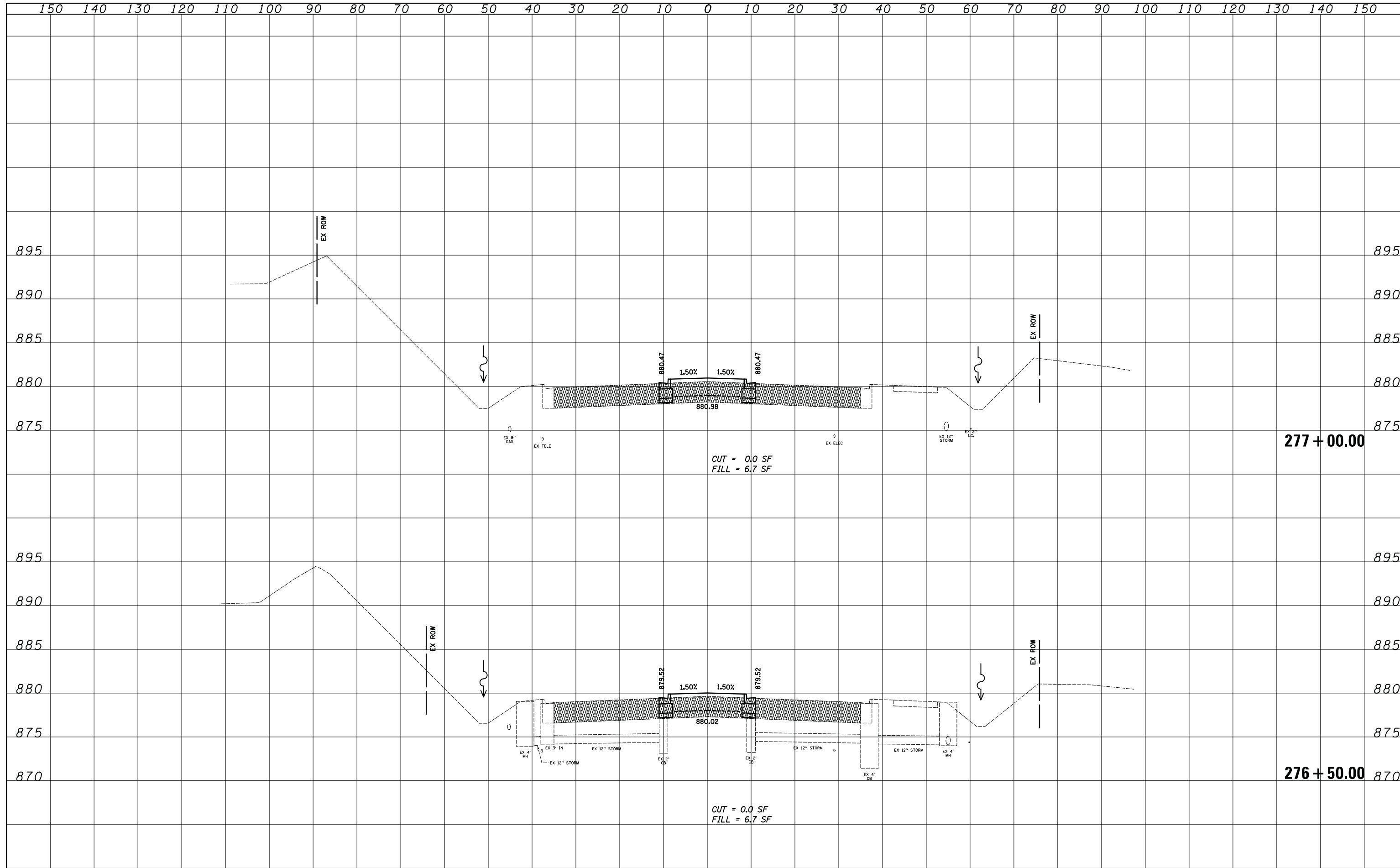
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PLOTTED	
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AREAS	
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FILE NAME = ...\\2278NG-sht-xssh403.dgn	USER NAME = kwh	DESIGNED - KWH	REVISIED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS			F.A.U. RTE. 3887	SECTION 18W&RS-5 (12)	COUNTY McHENRY	TOTAL SHEETS 151	SHEET NO. 108
	PLOT SCALE = 10.0000' / in.	CHECKED - GAB	REVISIED -		SCALE:	SHEET NO. 3 OF 46 SHEETS	STA. 275+94.90	TO STA. 276+00.00	CONTRACT NO. 60V72			
	PLOT DATE = 8/5/2013	DATE - 06/24/2013	REVISIED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							

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FINISHED SURVEY	
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FILE NAME =
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USER NAME = kwh	DESIGNED - KWH	REVISED -
	DRAWN - KWH	REVISED -
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PLOT DATE = 8/5/2013	DATE - 06/24/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

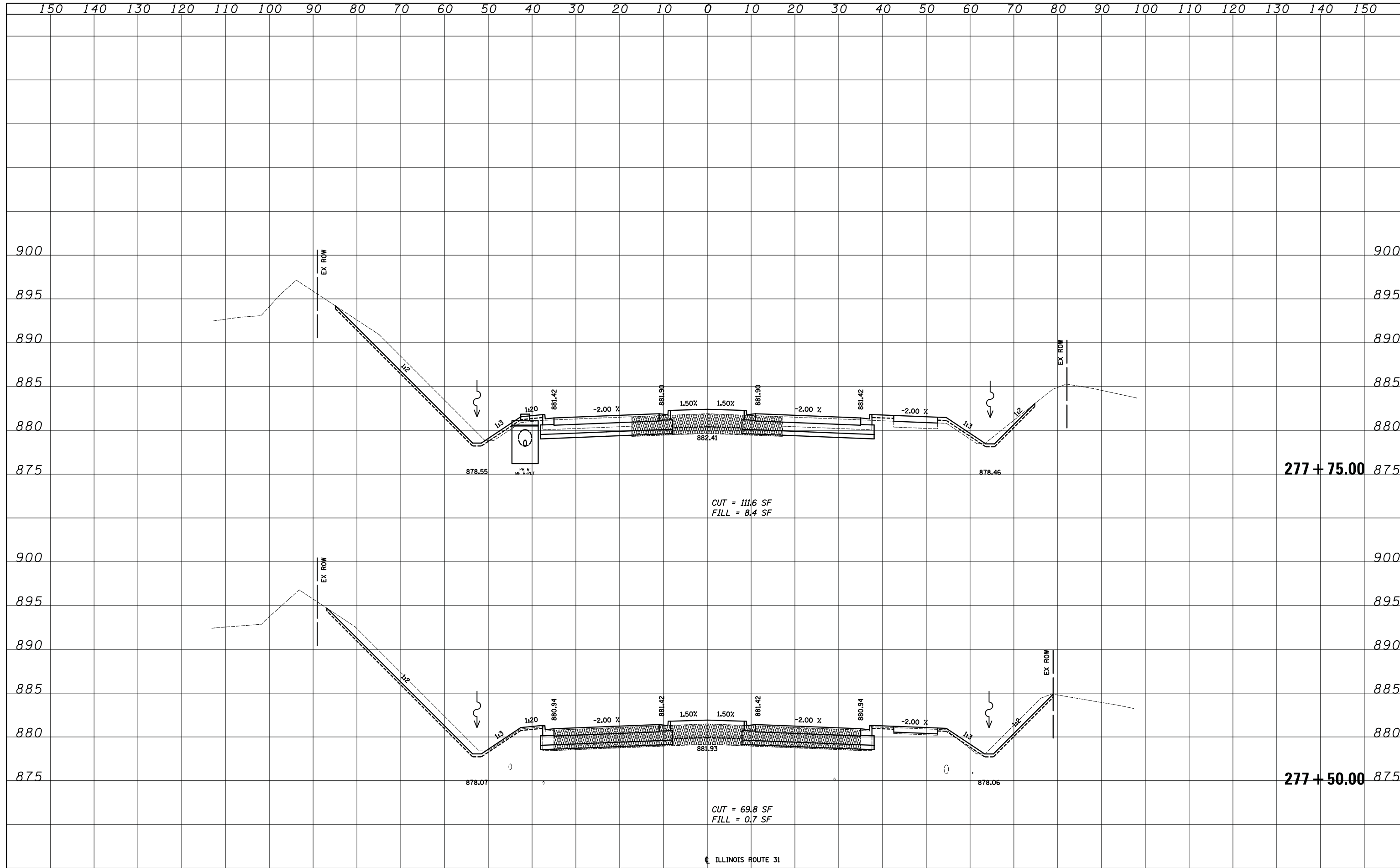
CROSS SECTIONS

SCALE: SHEET NO. 4 OF 46 SHEETS STA. 276+50.00 TO STA. 277+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3887	18W&RS-5 (12)	McHENRY	151	109
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60V72	

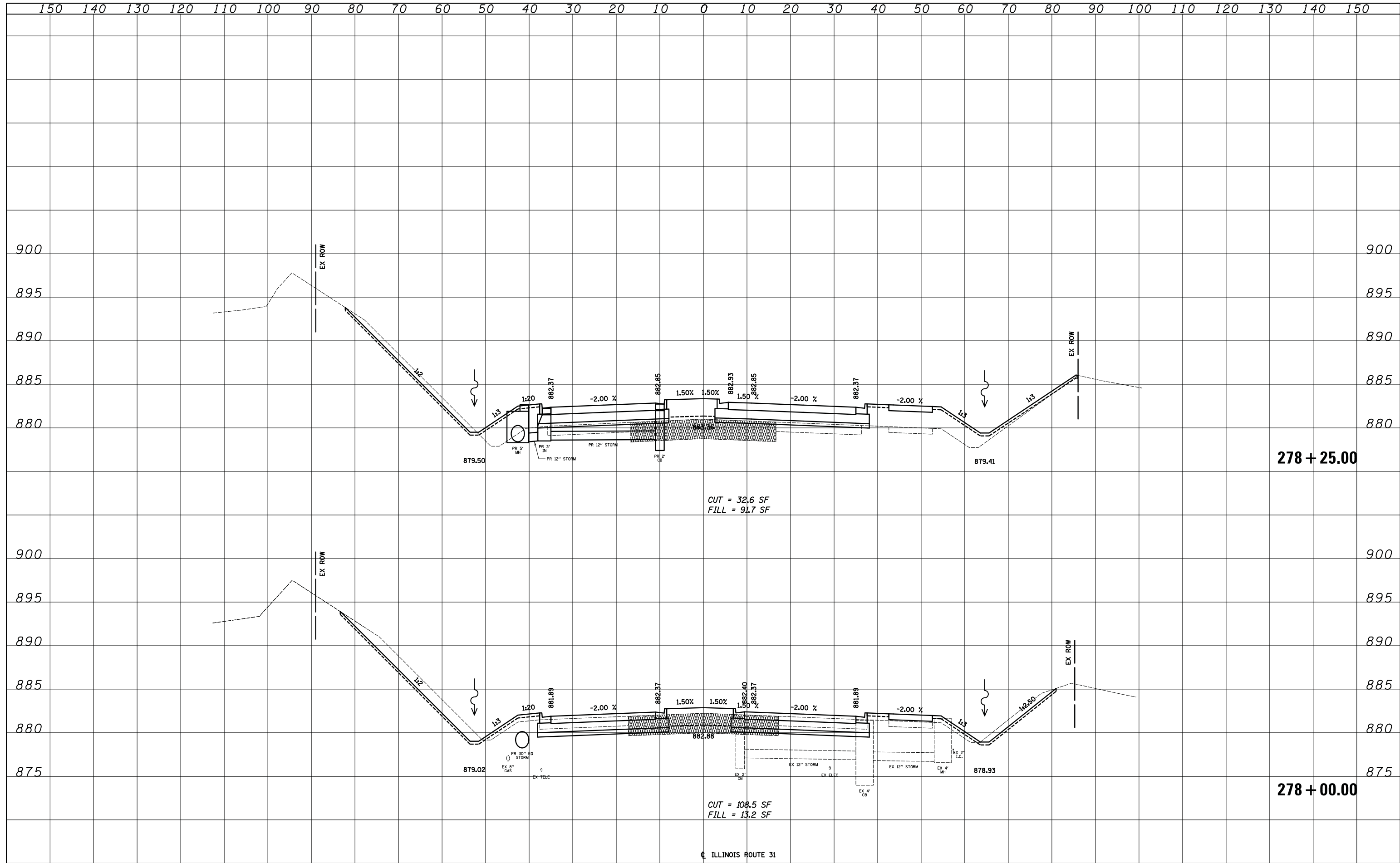
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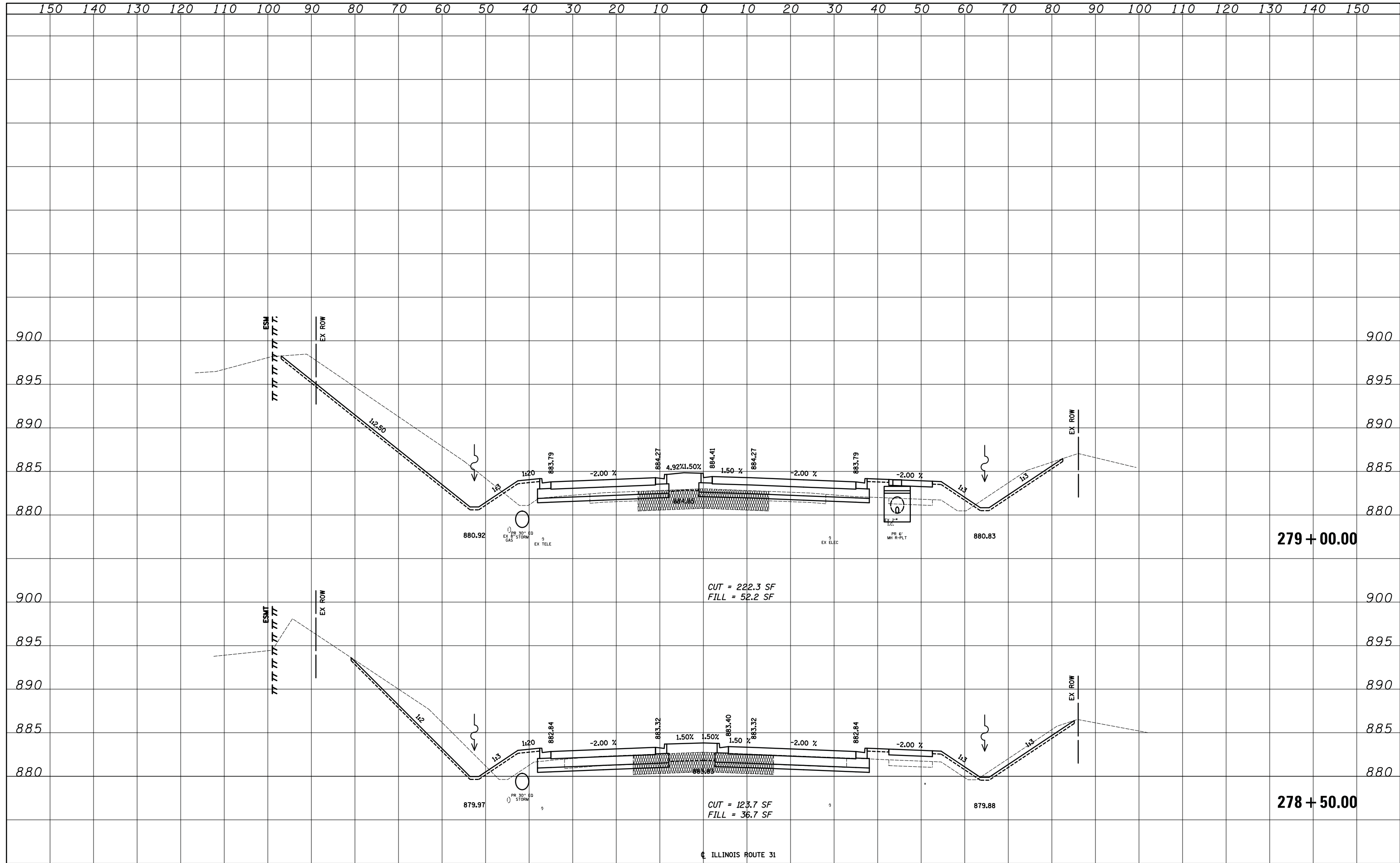
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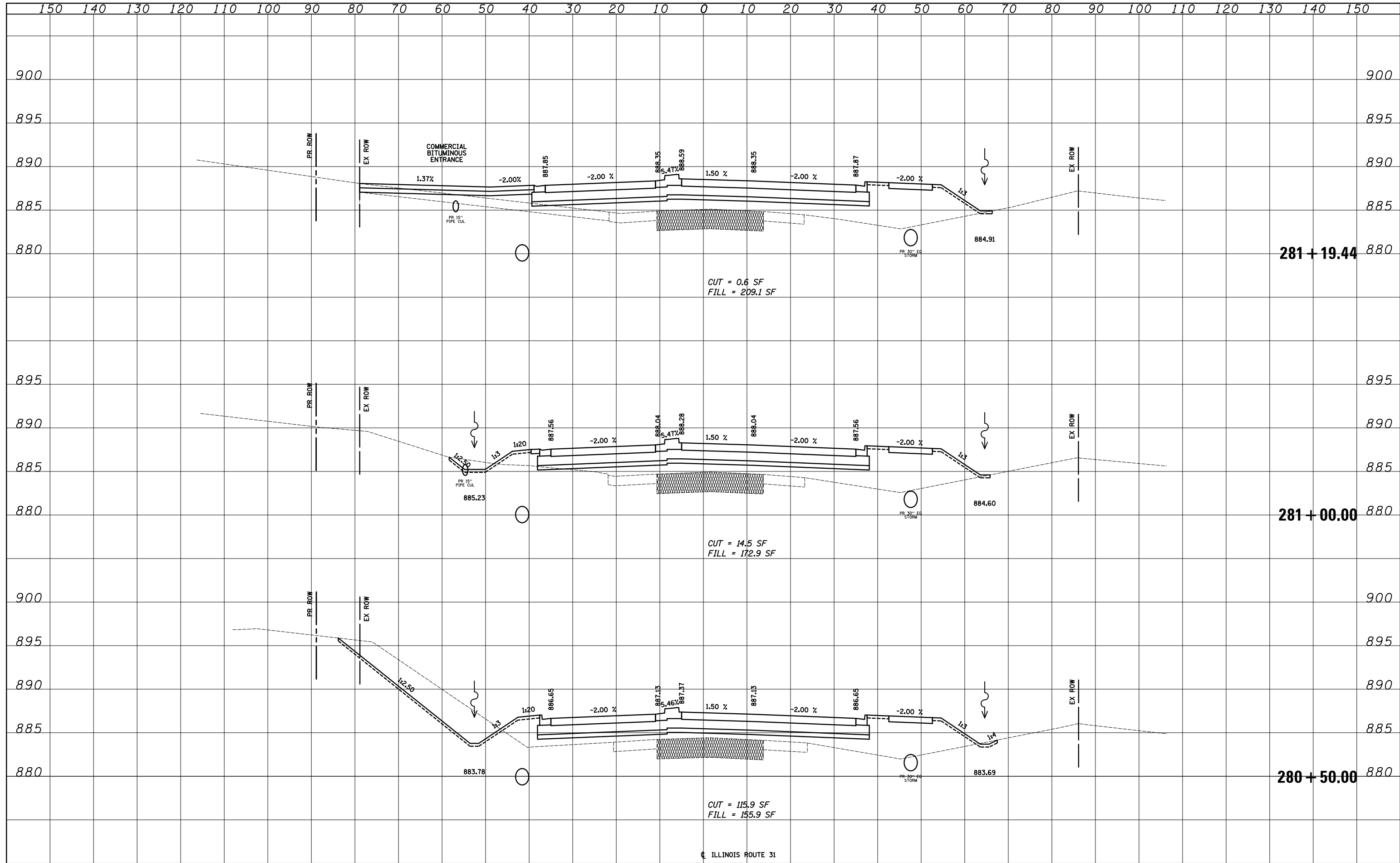
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ORIGINAL SURVEY	
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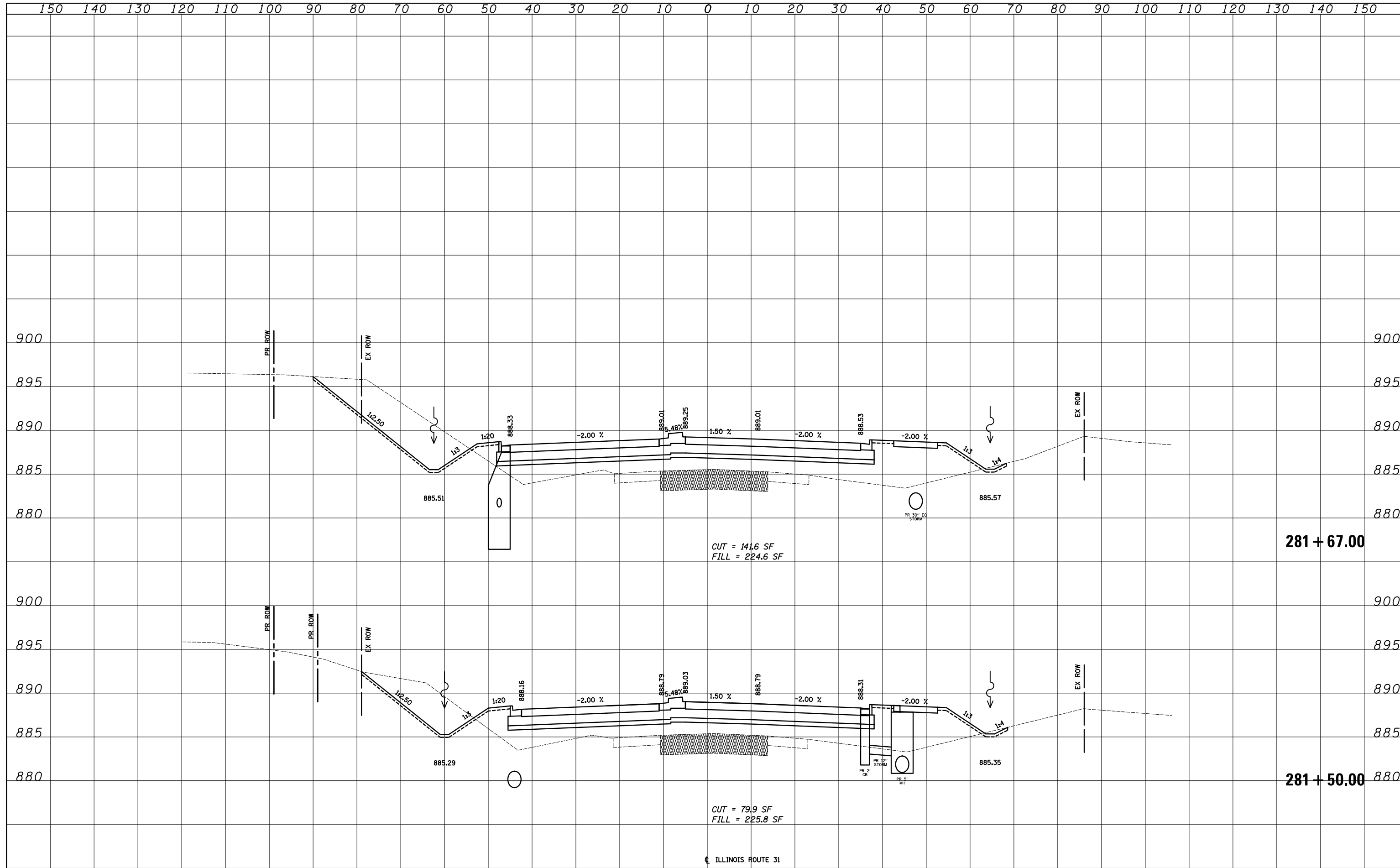
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	PLOT SCALE = 10.0000' / in.	CHECKED - GAB	REVISÉ -		SCALE:	SHEET NO. 9 OF 46 SHEETS	STA. 280+50.00	TO STA. 281+19.44	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		CONTRACT NO. 60V72	
	PLOT DATE = 8/5/2013	DATE - 06/24/2013	REVISÉ -									

DATE	
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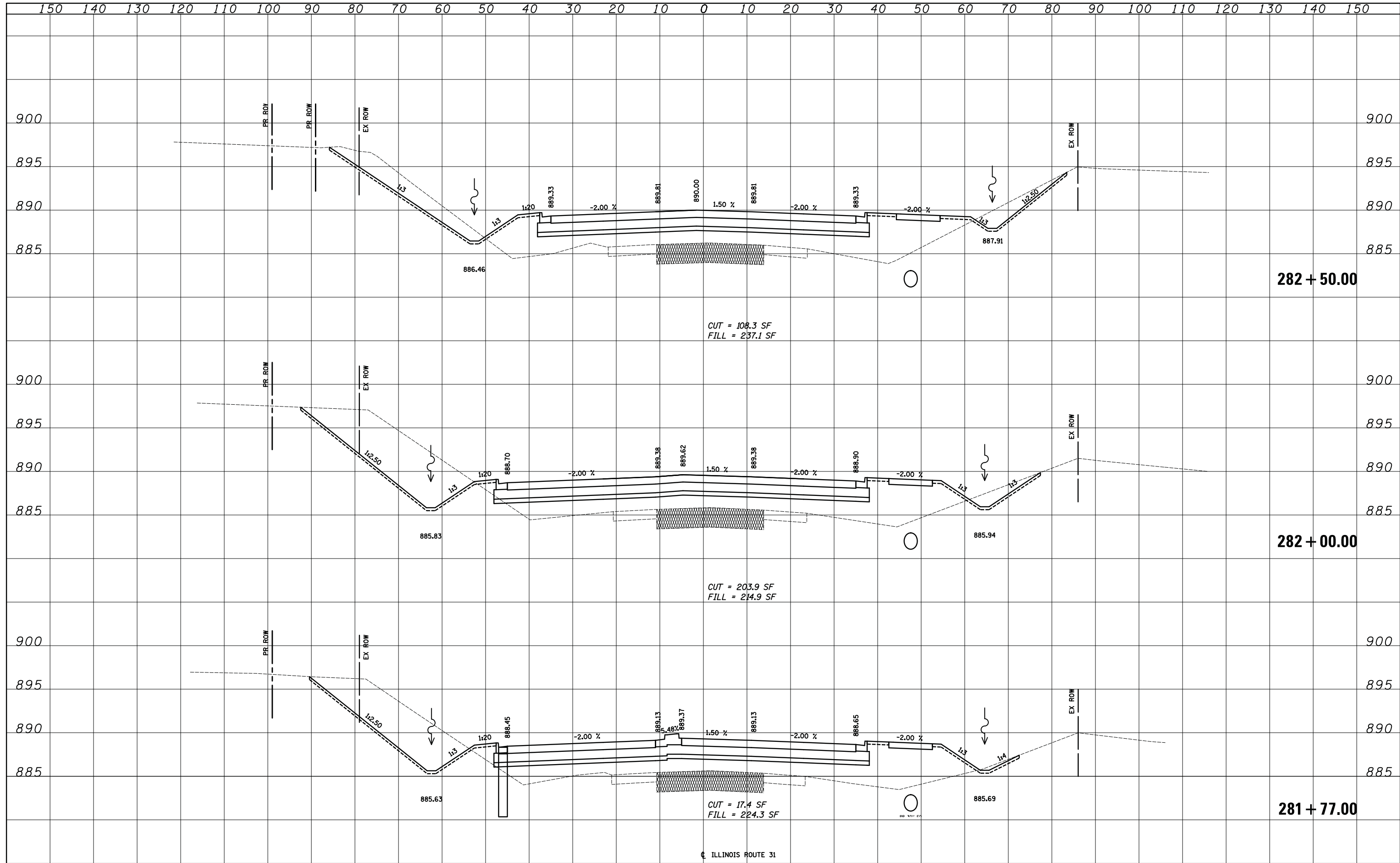
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FILE NAME = ...\\2278NG-sht-xssh10.dgn	USER NAME = kwh	DESIGNED - KWH	REVISÉ -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS			F.A.U. RTE. 3887	SECTION 18W&RS-5 (12)	COUNTY McHENRY	TOTAL SHEETS 151	SHEET NO. 115
	PLOT SCALE = 10.0000' / in.	CHECKED - GAB	REVISÉ -		SCALE:	SHEET NO. 10 OF 46 SHEETS	STA. 281+50.00	TO STA. 281+67.00	CONTRACT NO. 60V72			
	PLOT DATE = 8/5/2013	DATE - 06/24/2013	REVISÉ -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							

DATE	
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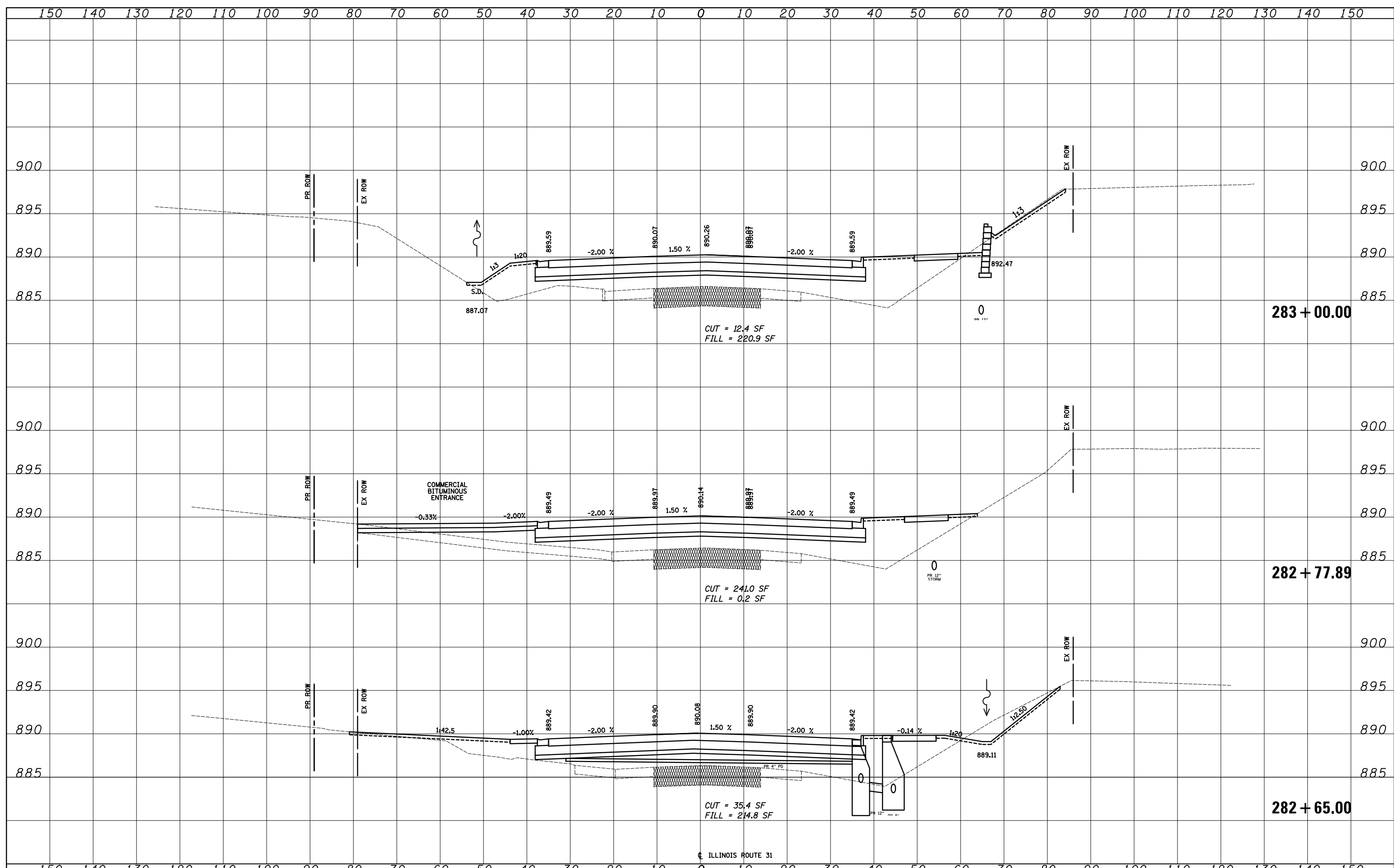
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	PLOT SCALE = 10.0000' / in.	CHECKED - GAB	REVISÉ -		SCALE:	SHEET NO. 11 OF 46 SHEETS	STA. 281+77.00 TO STA. 282+50.00	CONTRACT NO. 60V72				
	PLOT DATE = 8/5/2013	DATE - 06/24/2013	REVISÉ -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							
ILLINOIS ROUTE 31												

DATE	
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NOTE BOOK	
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NOTE BOOK	
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FILE NAME = ... \2278NG-sht-xssht12.dgn

USER NAME = kwh	DESIGNED - KWH	REVISED -
	DRAWN - KWH	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - GAB	REVISED -
PLOT DATE = 12/17/2013	DATE - 12/17/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

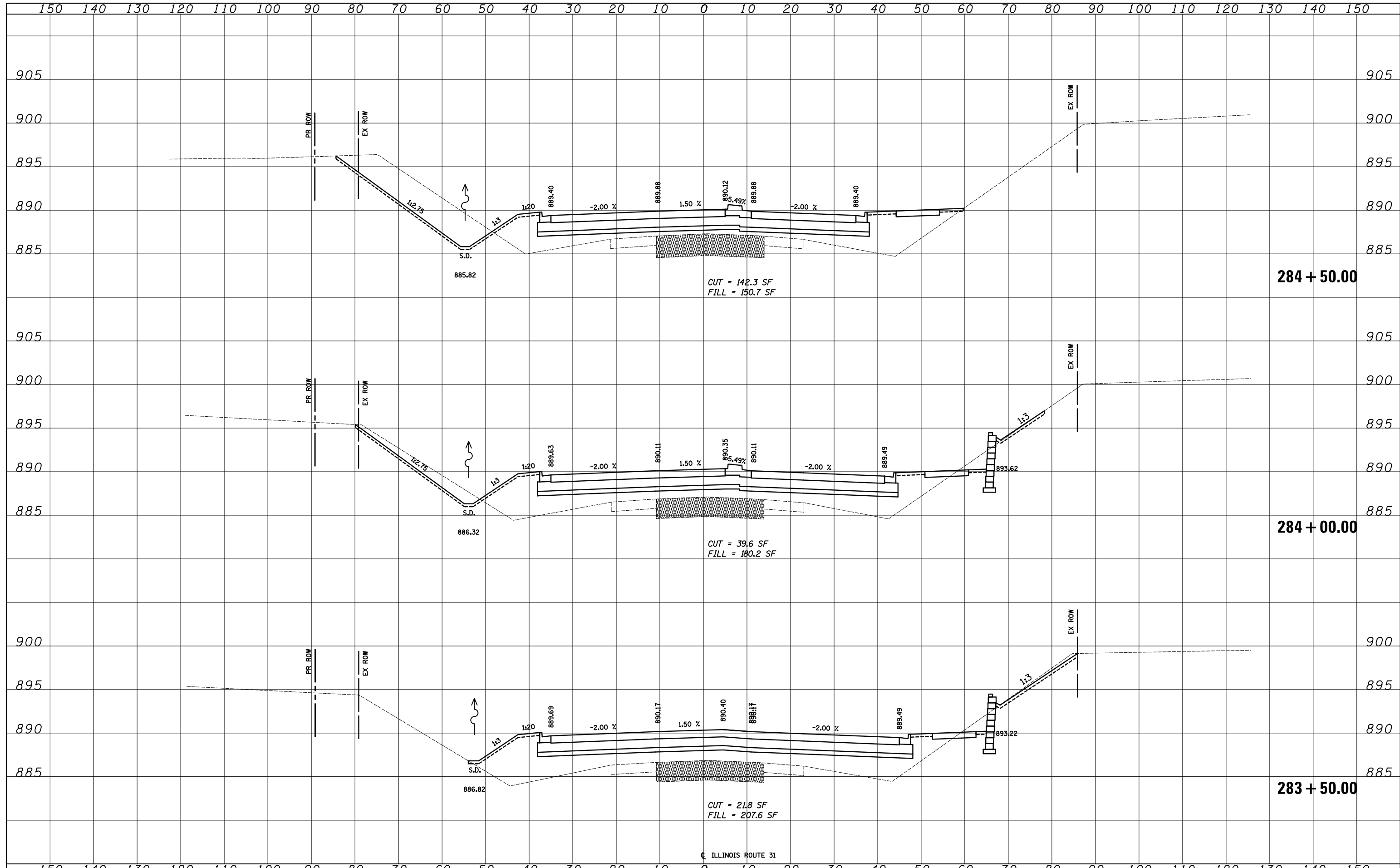
CROSS SECTIONS

SCALE: SHEET NO. 12 OF 46 SHEETS STA. 282+65.00 TO STA. 283+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3887	18W&RS-5 (12)	McHENRY	151	117
CONTRACT NO. 60V72				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

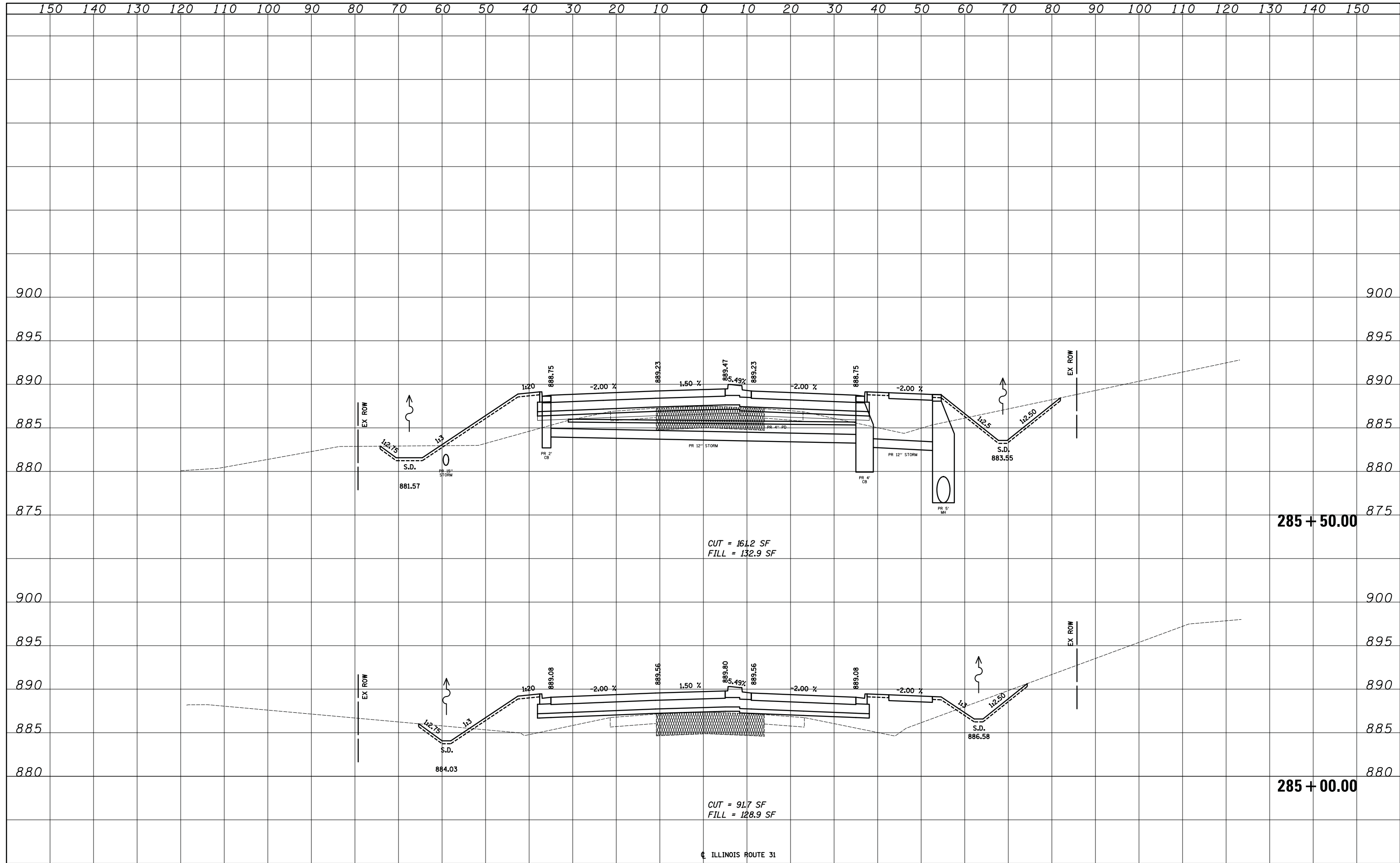
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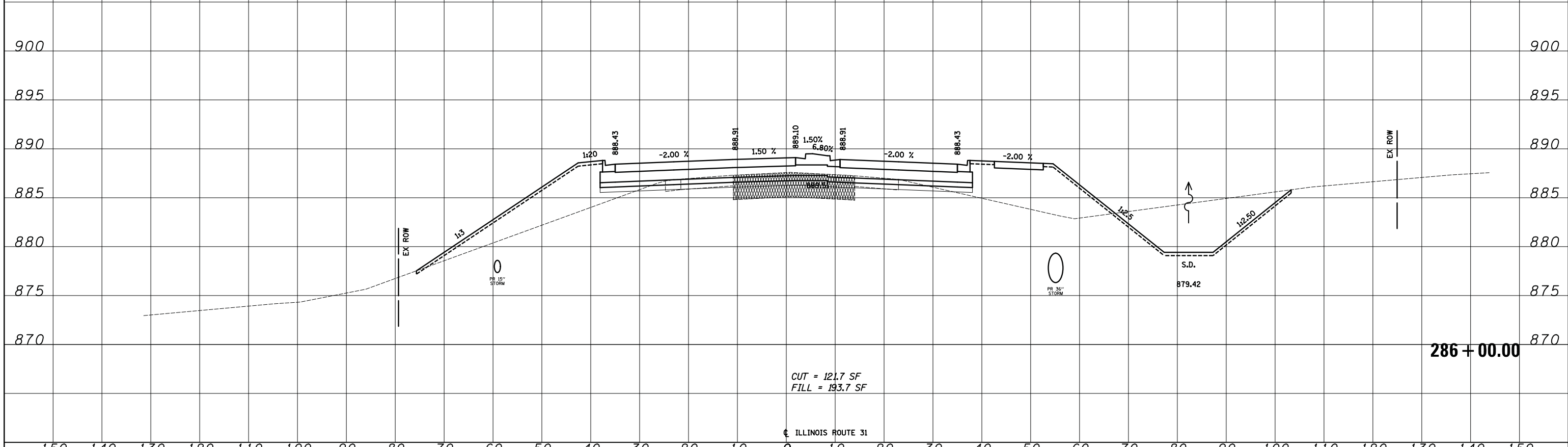
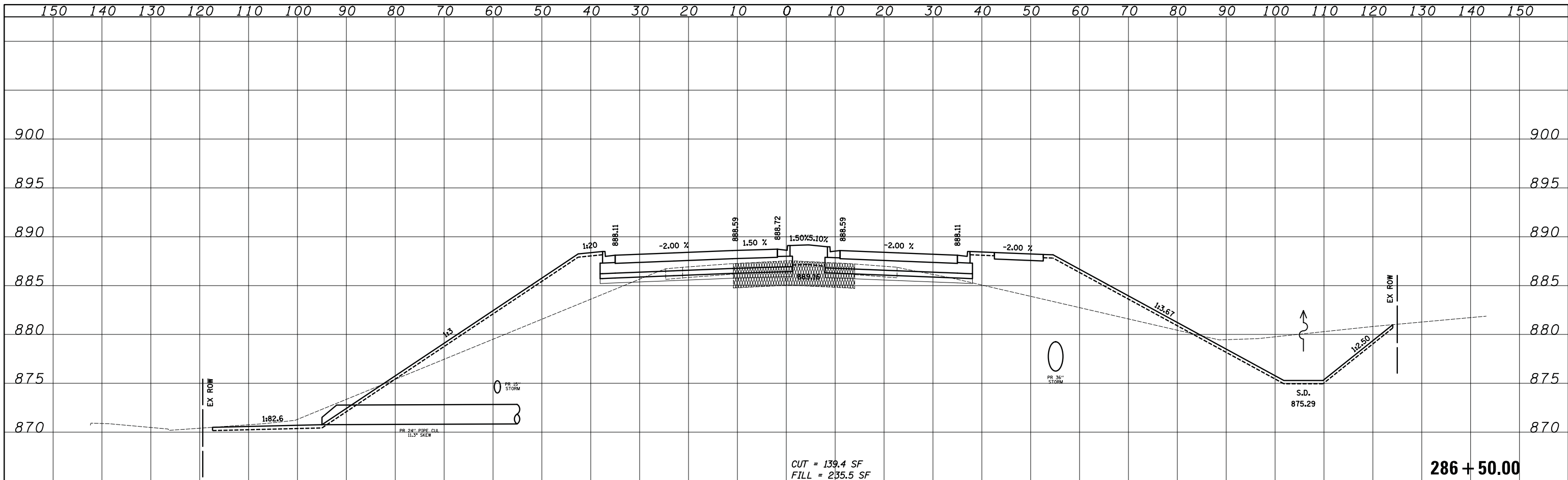
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PLOT SCALE = 10.0000' / in.	DRAWN - KWH	REVISED -
PLOT DATE = 12/17/2013	CHECKED - GAB	REVISED -
	DATE - 12/17/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

SCALE: SHEET NO. 14 OF 46 SHEETS STA. 285+00.00 TO STA. 285+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3887	18W&RS-5 (12)	McHENRY	151	119
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60V72	



DATE	
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NOTE BOOK	
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FILE NAME = ...\\2278NG-sht-xssh15.dgn

USER NAME = kwh	DESIGNED - KWH	REVISED -
	DRAWN - KWH	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - GAB	REVISED -
PLOT DATE = 12/17/2013	DATE - 12/17/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

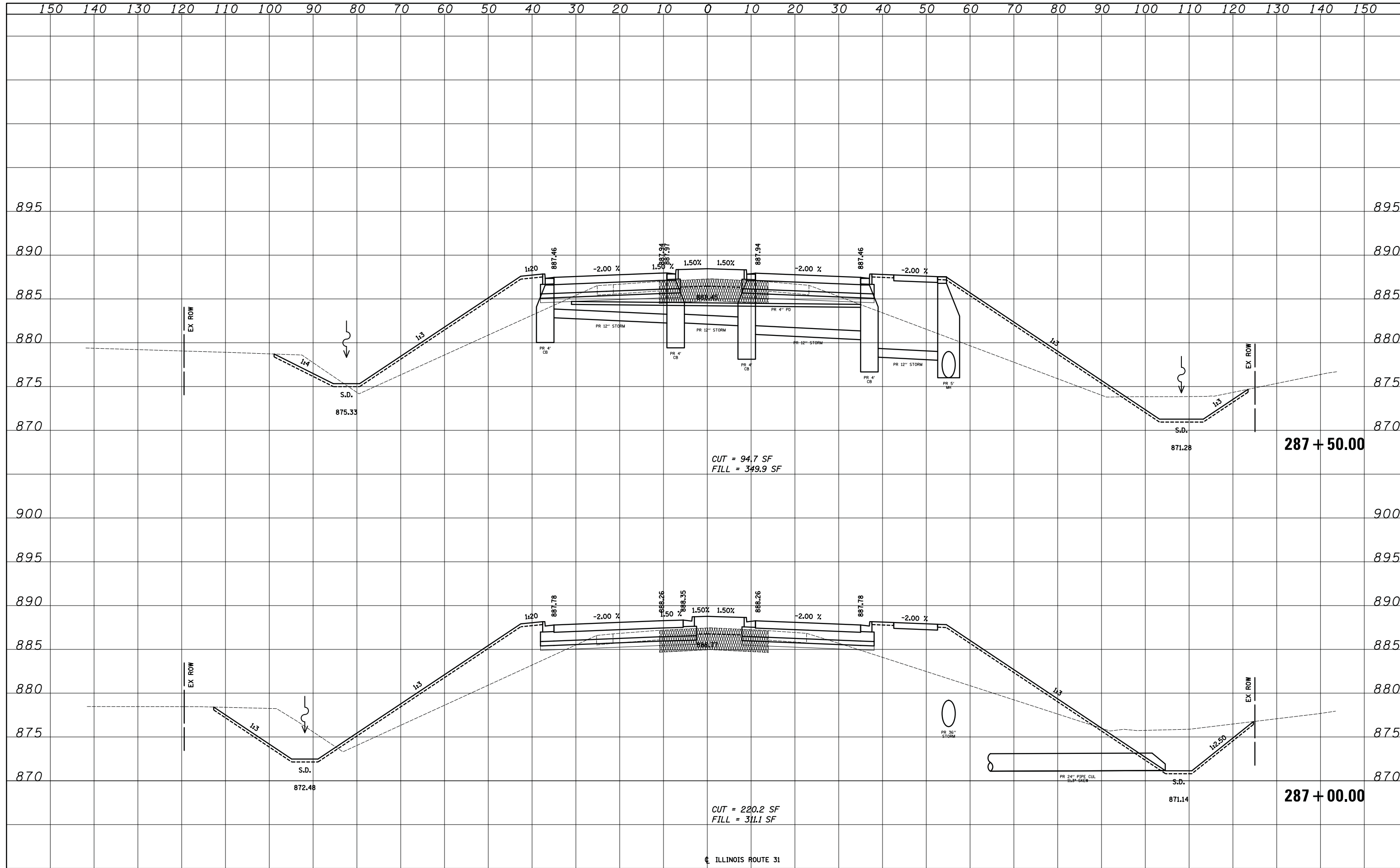
CROSS SECTIONS

SCALE: SHEET NO. 15 OF 46 SHEETS STA. 286+00.00 TO STA. 286+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3887	18W&RS-5 (12)	McHENRY	151	120
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60V72	

FINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
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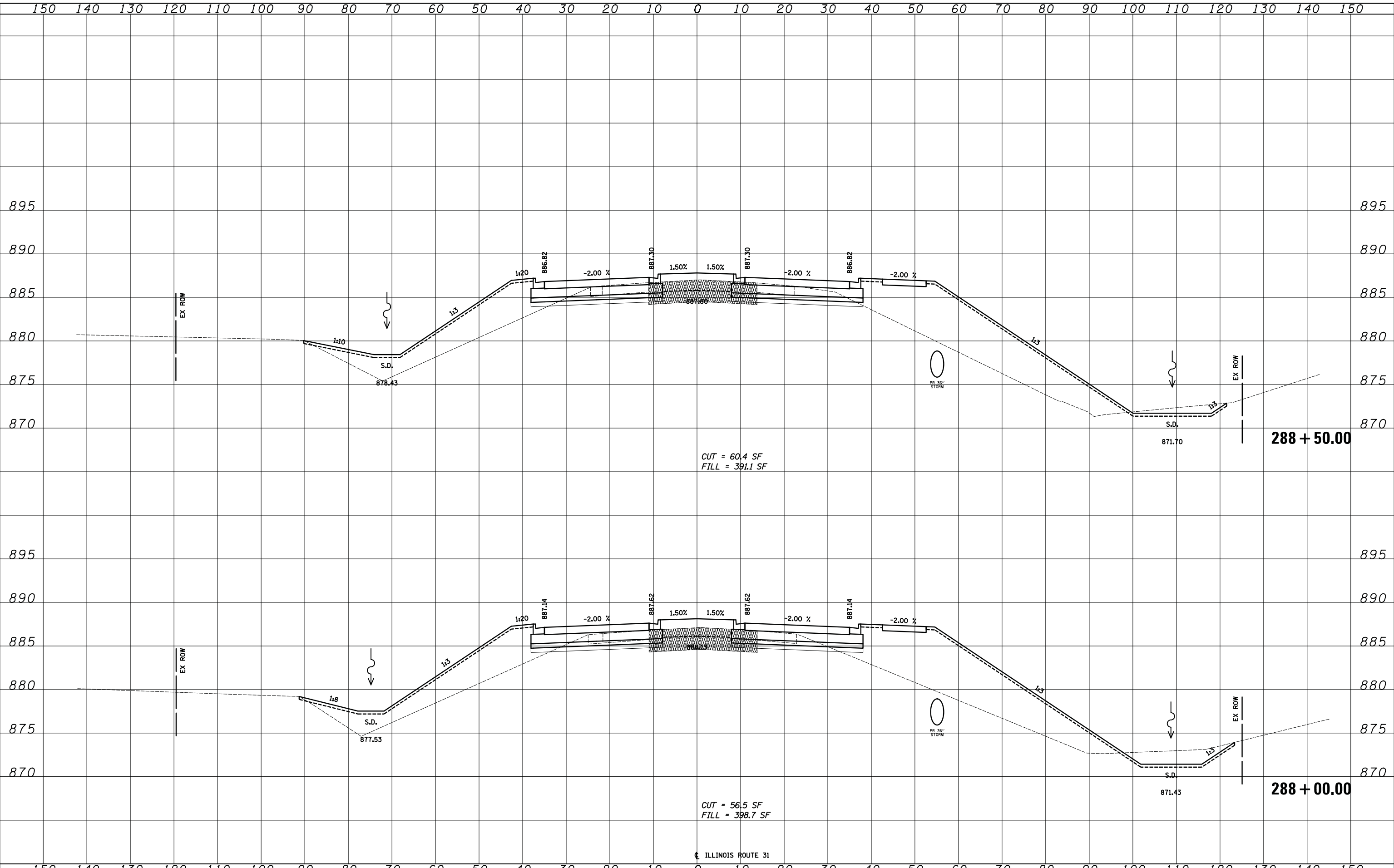
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NOTE BOOK	PLOTTED	BY
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	PLOT SCALE = 10.0000' / 1"	CHECKED - GAB	REVISIED -			CONTRACT NO. 60V72		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
	PLOT DATE = 12/17/2013	DATE - 12/17/2013	REVISIED -									

BY	DATE
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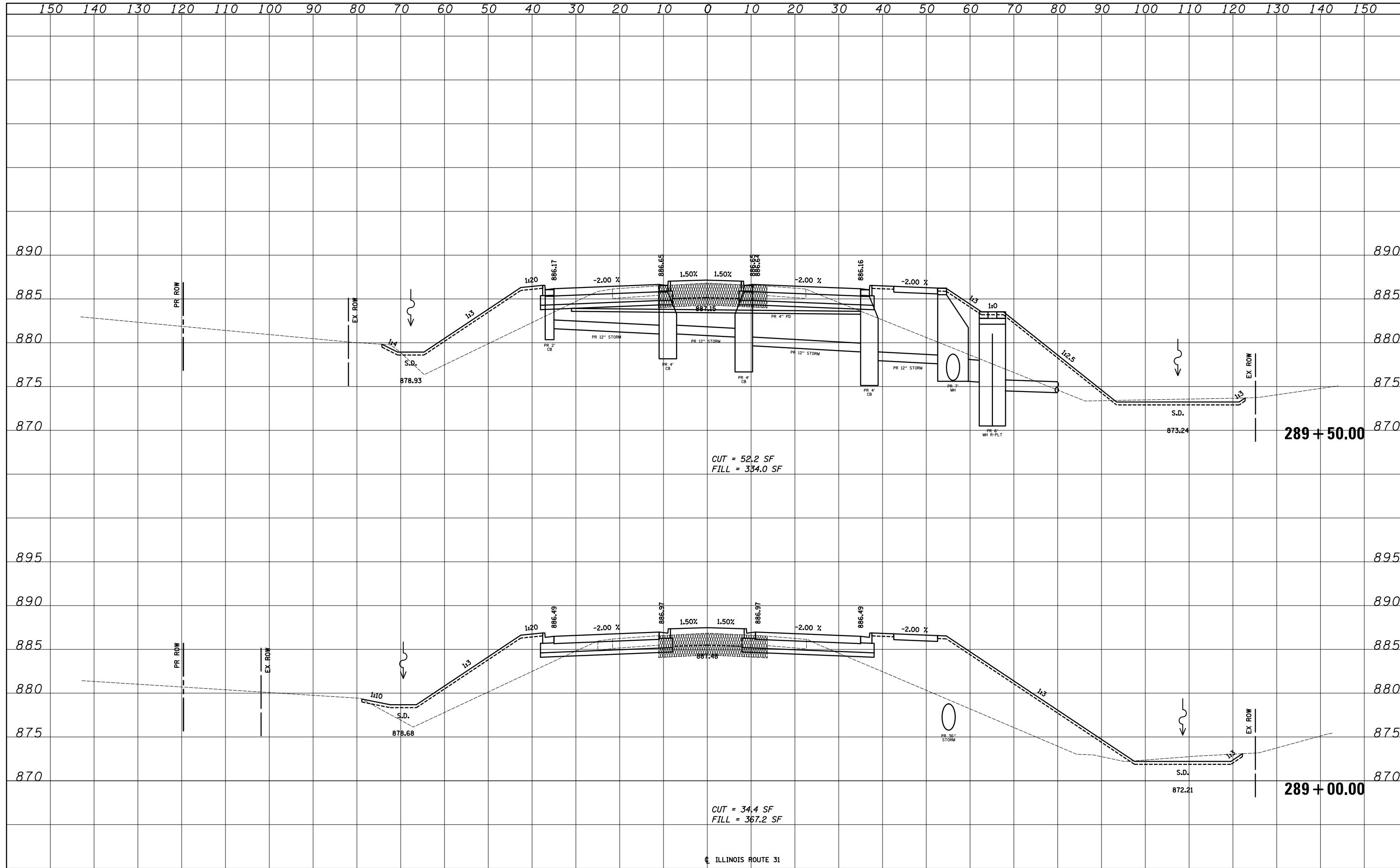
BY	DATE
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FILE NAME = ... \2278NG-sht-xssht17.dgn	USER NAME = kwh	DESIGNED - KWH	REVISÉD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS			F.A.U. RTE. 3887	SECTION 18W&RS-5 (12)	COUNTY McHENRY	TOTAL SHEETS 151	SHEET NO. 122
	PLOT SCALE = 10.0000' / in.	CHECKED - GAB	REVISÉD -		SCALE:	SHEET NO. 17 OF 46 SHEETS	STA. 288+00.00 TO STA. 288+50.00	CONTRACT NO. 60V72				
	PLOT DATE = 12/17/2013	DATE - 12/17/2013	REVISÉD -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							

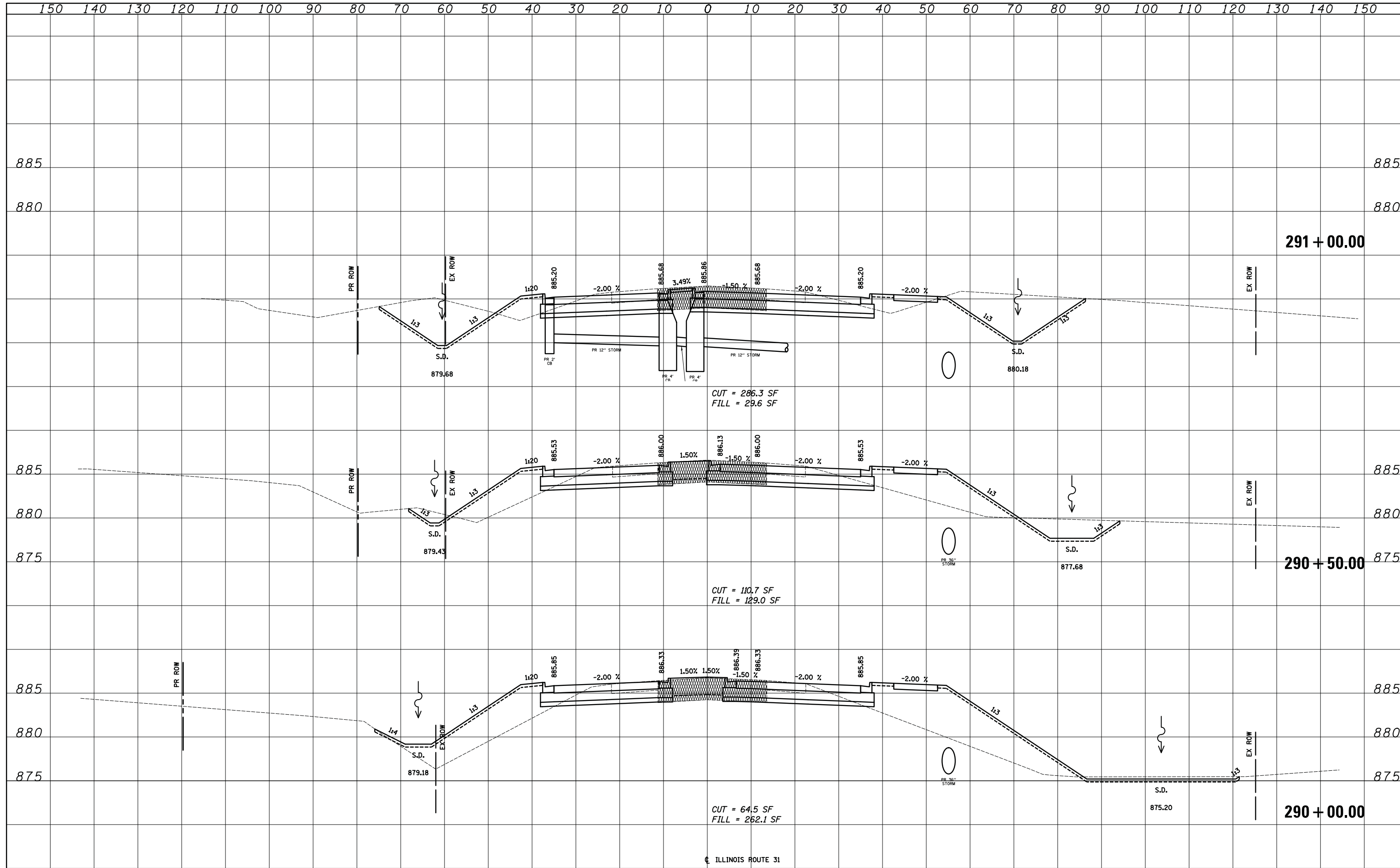
FINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
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	AREAS CHECKED	

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



DATE	
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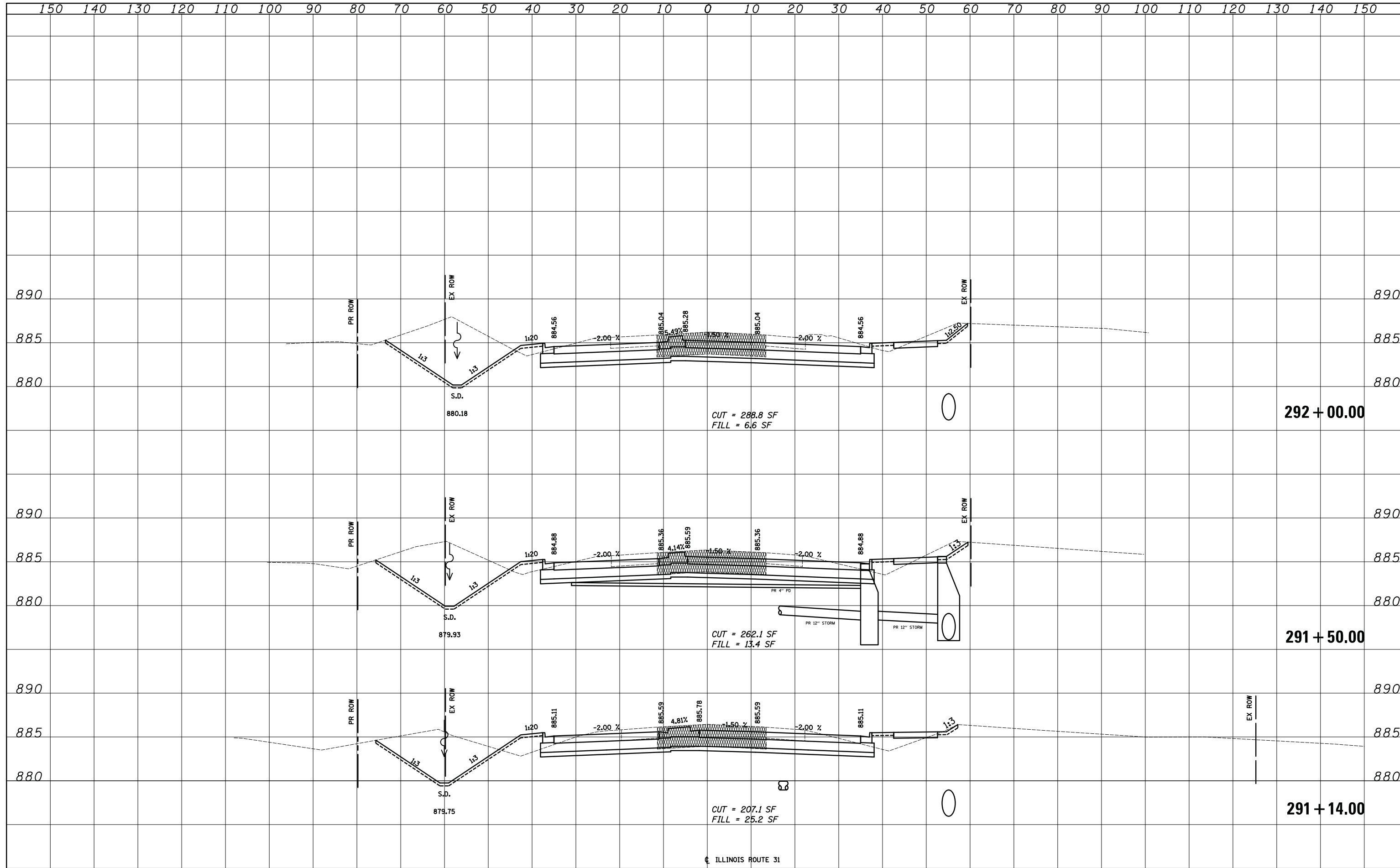
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NOTE BOOK	
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	PLOT SCALE = 10.0000' / in.	CHECKED - GAB	REVISÉ -		SCALE:	SHEET NO. 19 OF 46 SHEETS	STA. 290+00.00 TO STA. 291+00.00	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		CONTRACT NO. 60V72	
	PLOT DATE = 12/17/2013	DATE - 12/17/2013	REVISÉ -								

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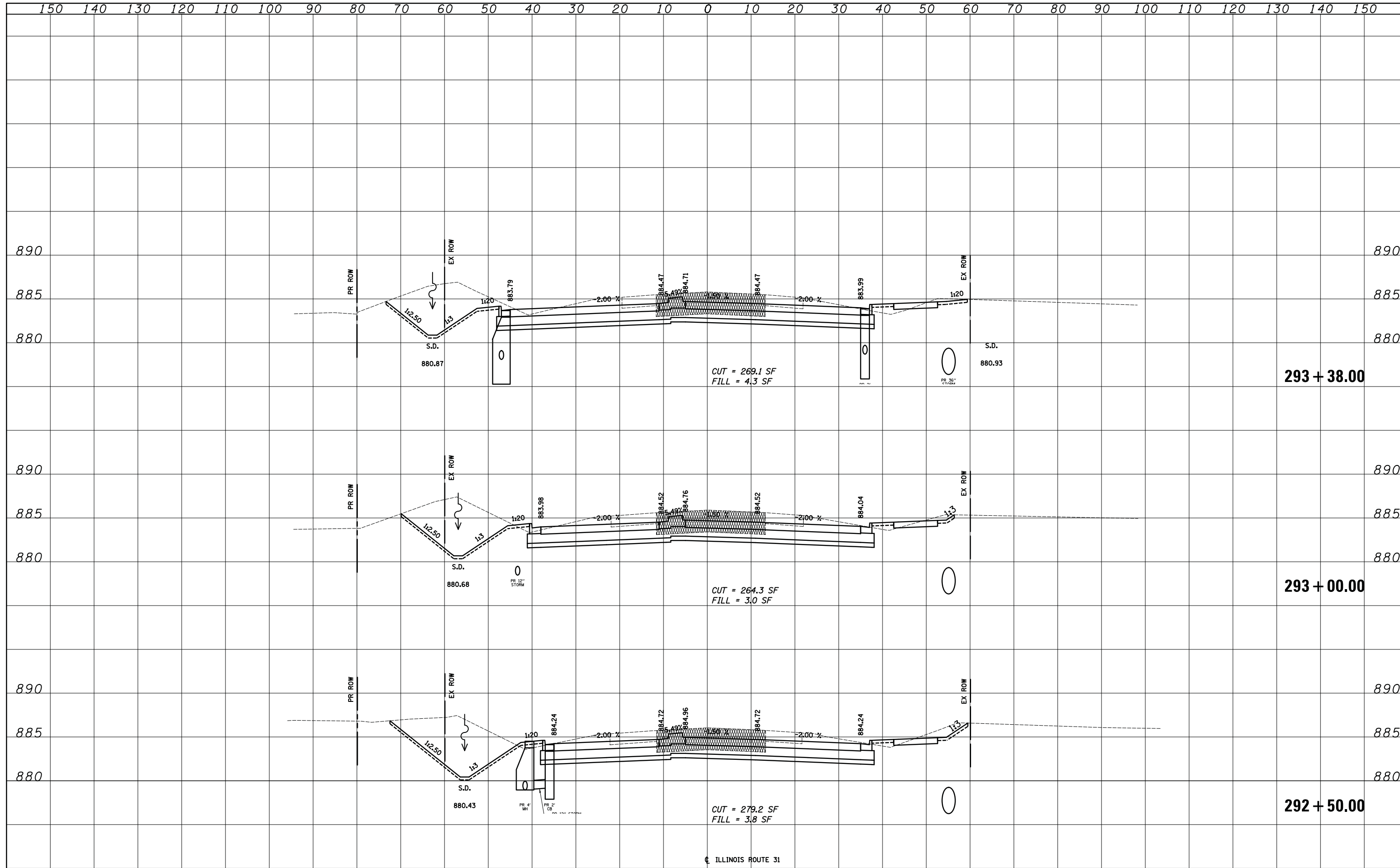
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	PLOT SCALE = 10.0000' / in.	CHECKED - GAB	REVISED -		SCALE:	SHEET NO. 20 OF 46 SHEETS	STA. 291+14.00	TO STA. 292+00.00	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			
	PLOT DATE = 8/5/2013	DATE - 06/24/2013	REVISED -		CONTRACT NO. 60V72							

FINAL SURVEY NO.	SURVEYED BY	DATE
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AREAS CHECKED		

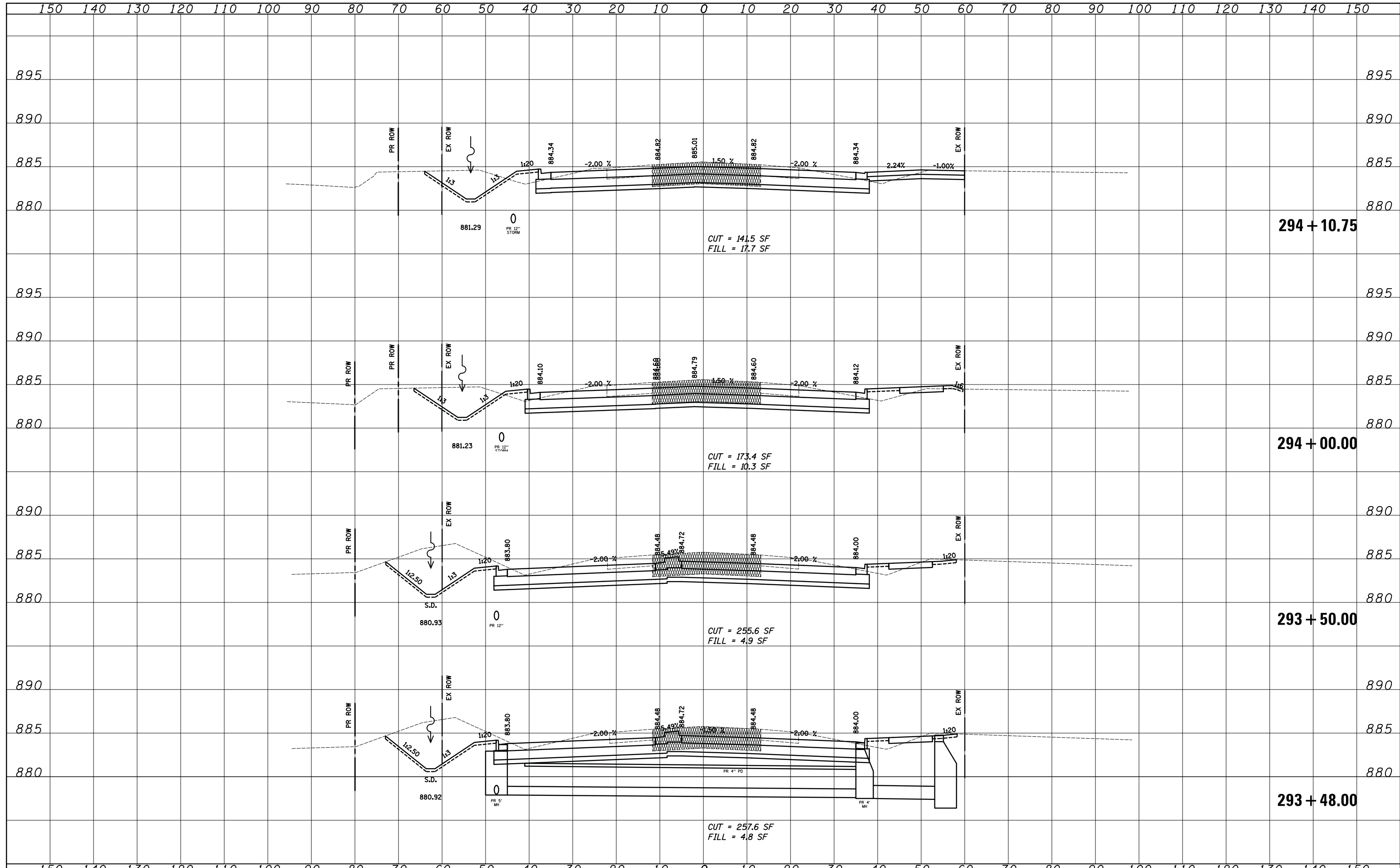
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	PLOT SCALE = 10.0000' / in.	CHECKED - GAB	REVISED -		CONTRACT NO. 60V72				
	PLOT DATE = 8/5/2013	DATE - 06/24/2013	REVISED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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FILE NAME =
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PLOT DATE = 8/5/2013	CHECKED - GAB	REVISED -
	DATE - \$DAT	REVISED -

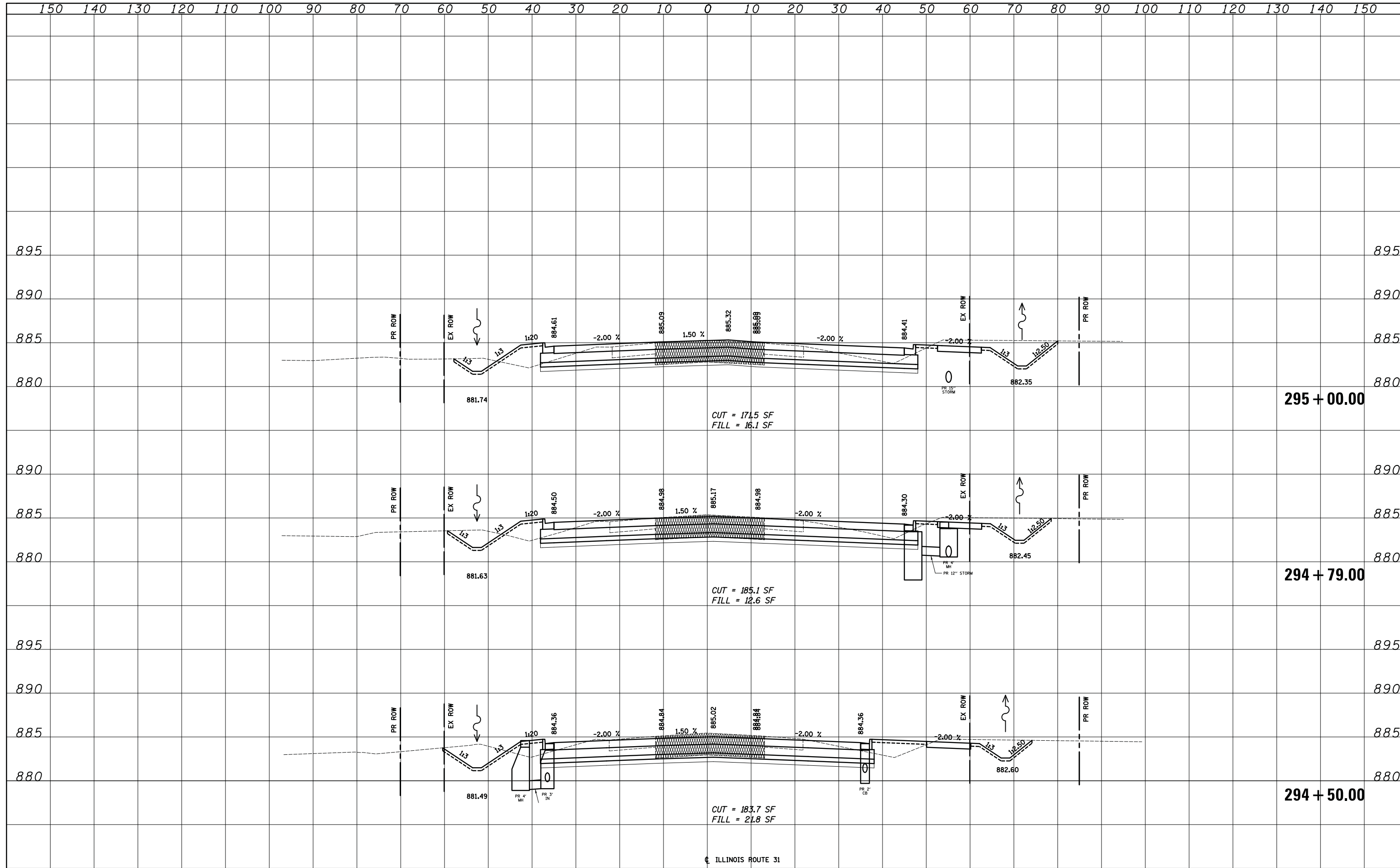
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS	
SCALE:	SHEET NO. 22 OF 46 SHEETS
	STA. 293+48.00 TO STA. 294+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3887	18W&RS-5 (12)	MCHENRY	151	127
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60V72	

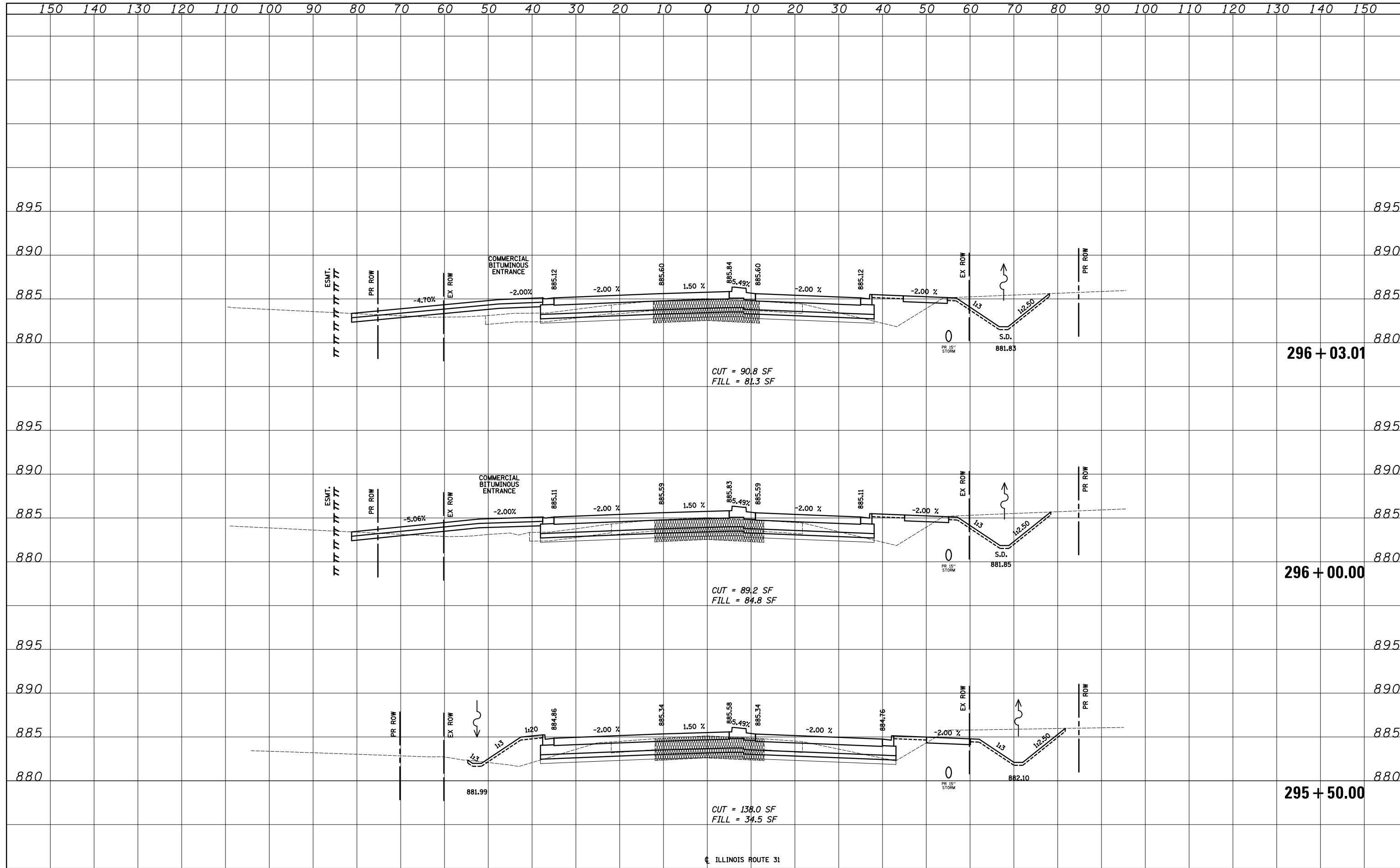
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NOTE BOOK	PLOTTED	BY
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ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
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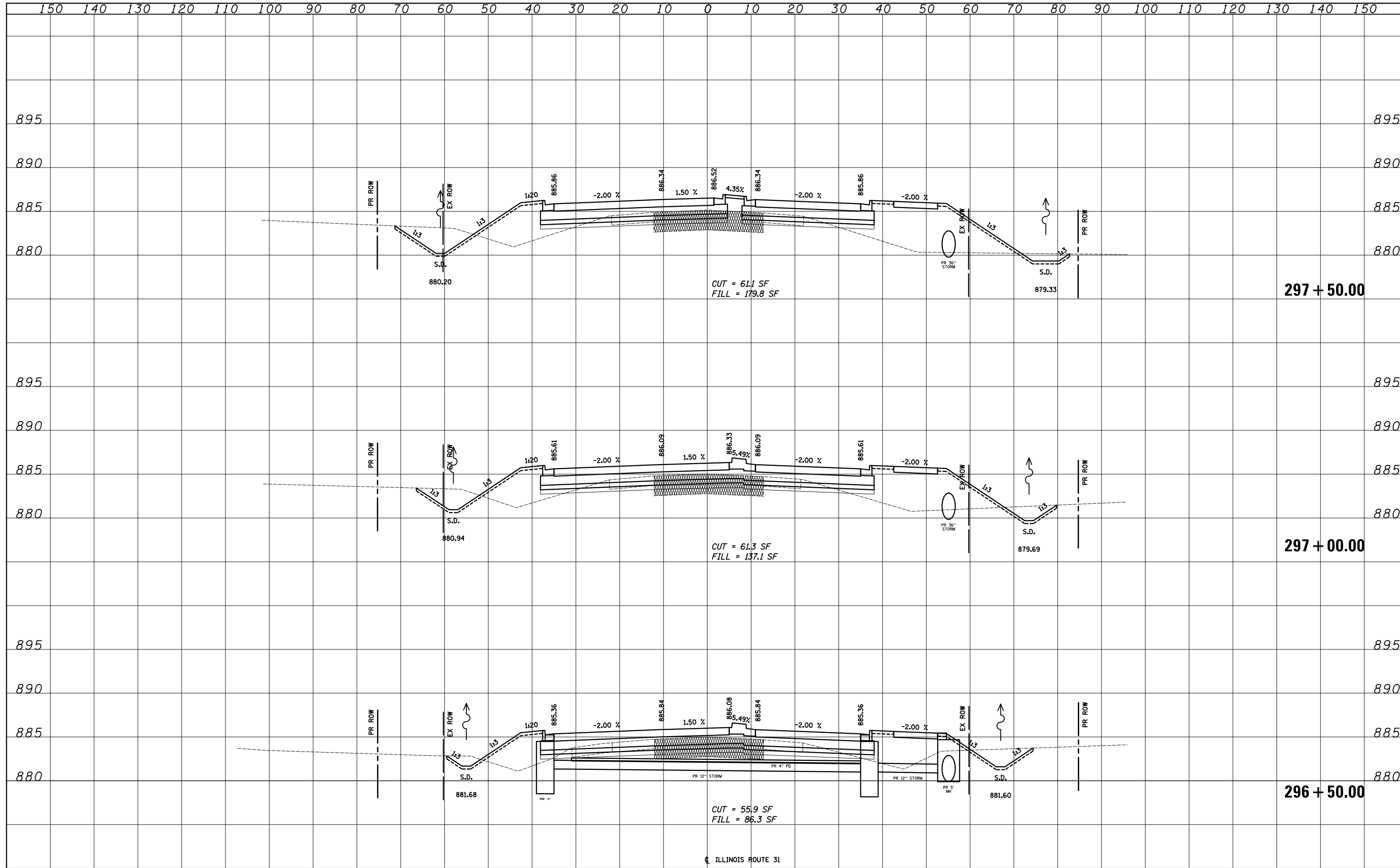
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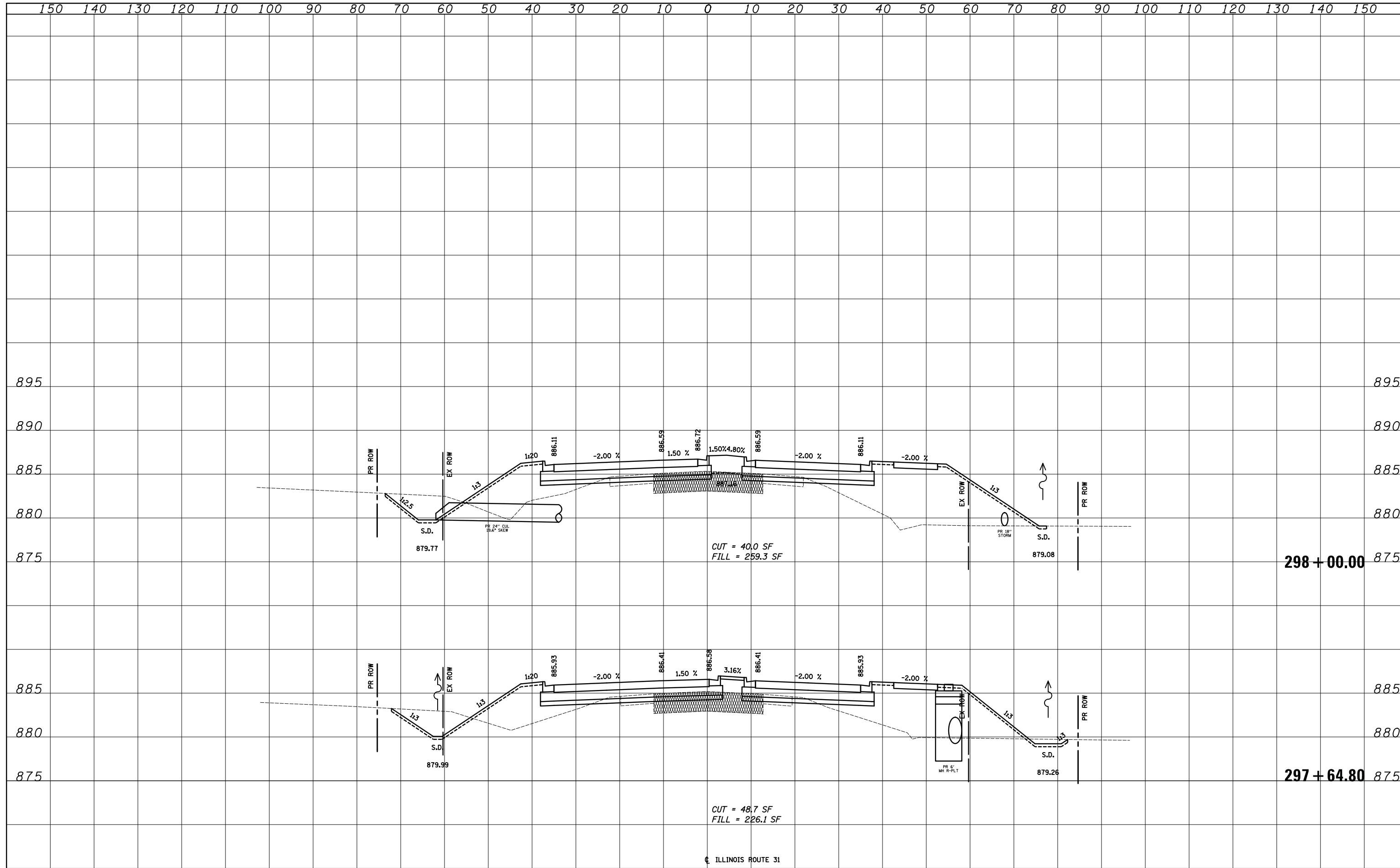
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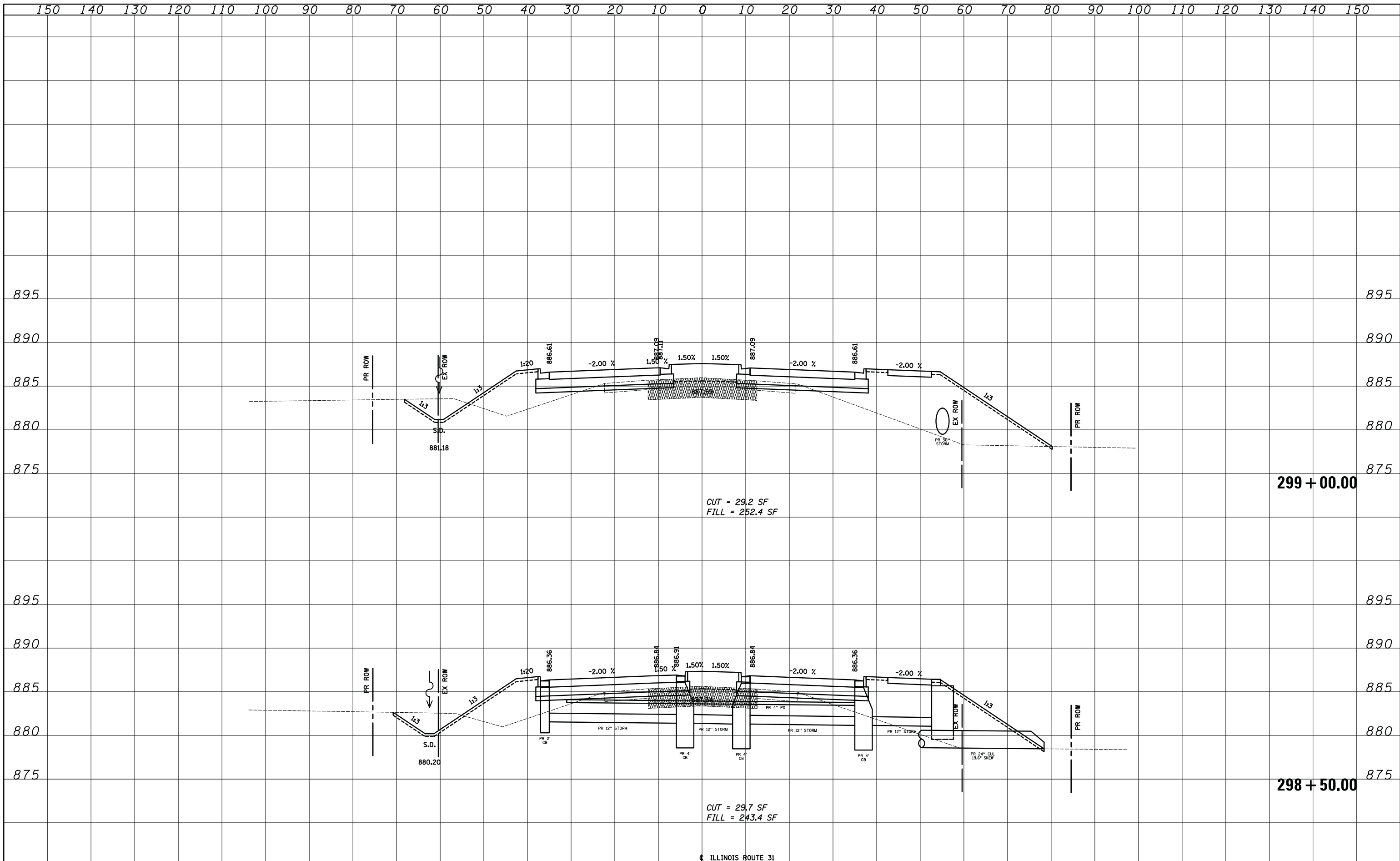
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	PLOT SCALE = 10.0000' / in.	CHECKED - GAB	REVISED -		SCALE:	SHEET NO. 25 OF 46 SHEETS	STA. 296+50.00 TO STA. 297+50.00	CONTRACT NO. 60V72		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	
	PLOT DATE = 8/5/2013	DATE - 06/24/2013	REVISED -								

DATE	
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SURVEYED	
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DATE	
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SURVEYED	
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FILE NAME = ... \2278NG-sht-xssh26.dgn	USER NAME = kwh	DESIGNED - KWH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS			F.A.U. R.T.E. 3887	SECTION 18W&RS-5 (12)	COUNTY McHENRY	TOTAL SHEETS 151	SHEET NO. 131
	PLOT SCALE = 10.0000' / in.	CHECKED - GAB	REVISED -		SCALE:	SHEET NO. 26 OF 46 SHEETS	STA. 297+64.80	TO STA. 298+00.00	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			
	PLOT DATE = 8/5/2013	DATE - 06/24/2013	REVISED -		CONTRACT NO. 60V72							

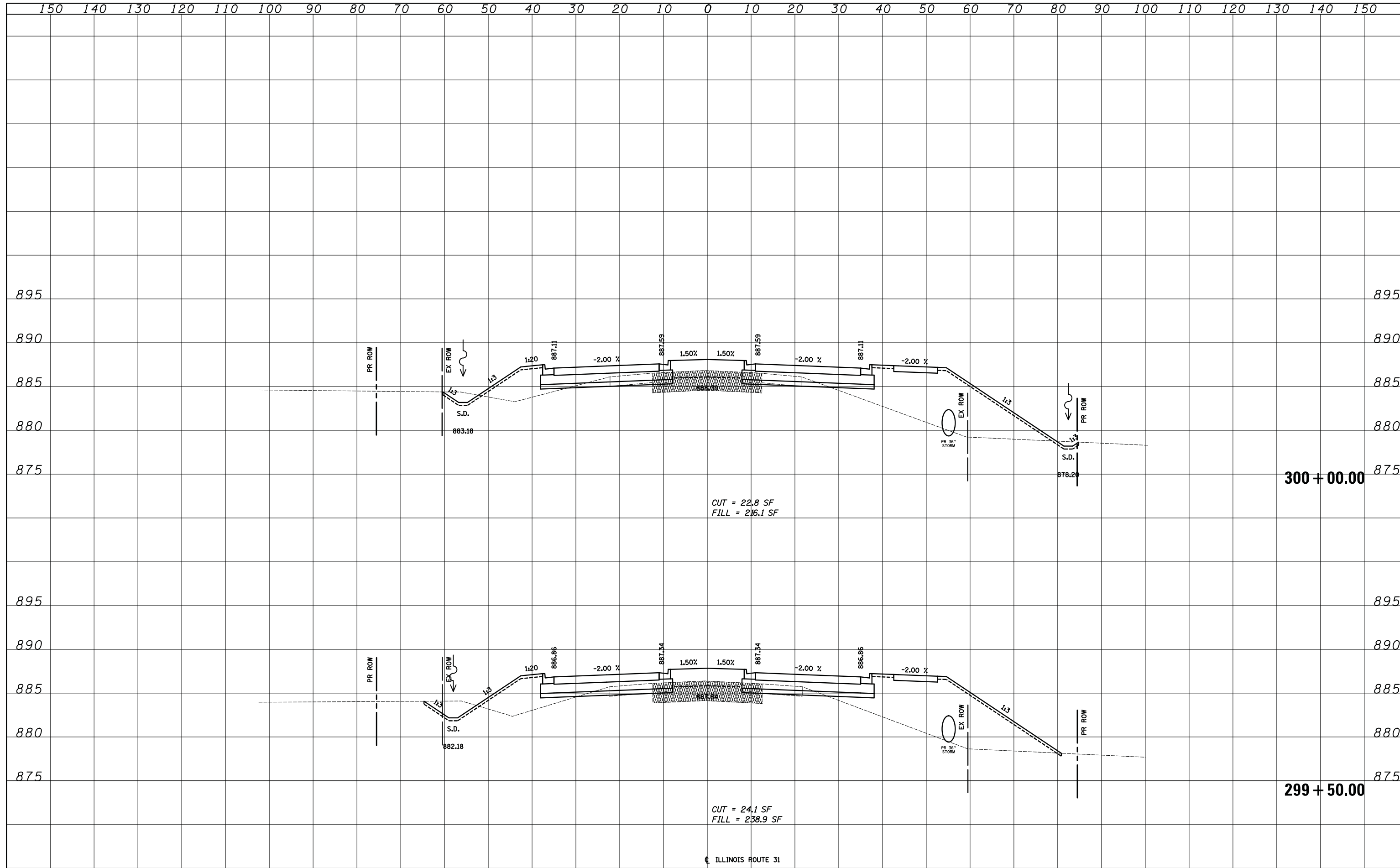


DATE	
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DATE	
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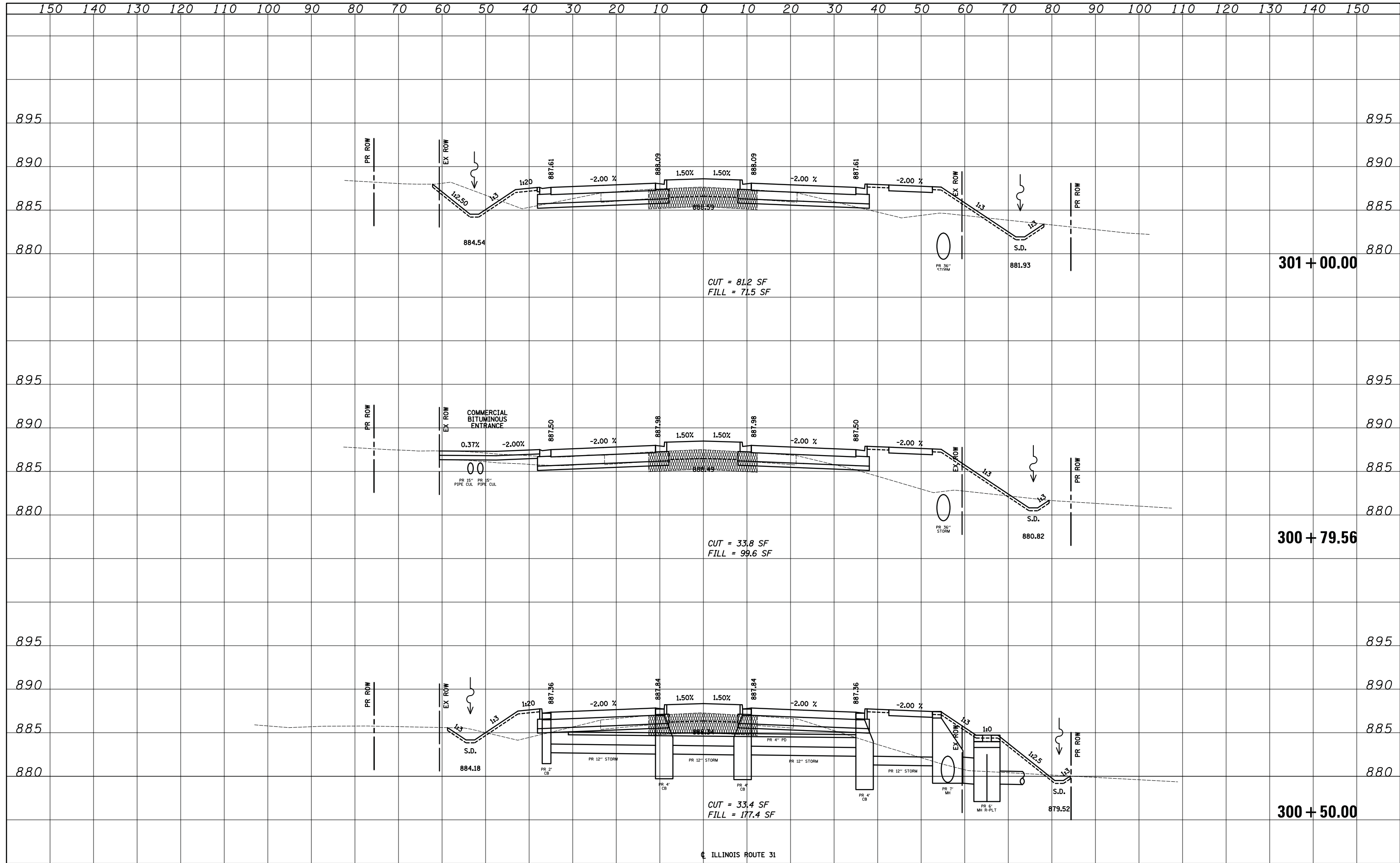
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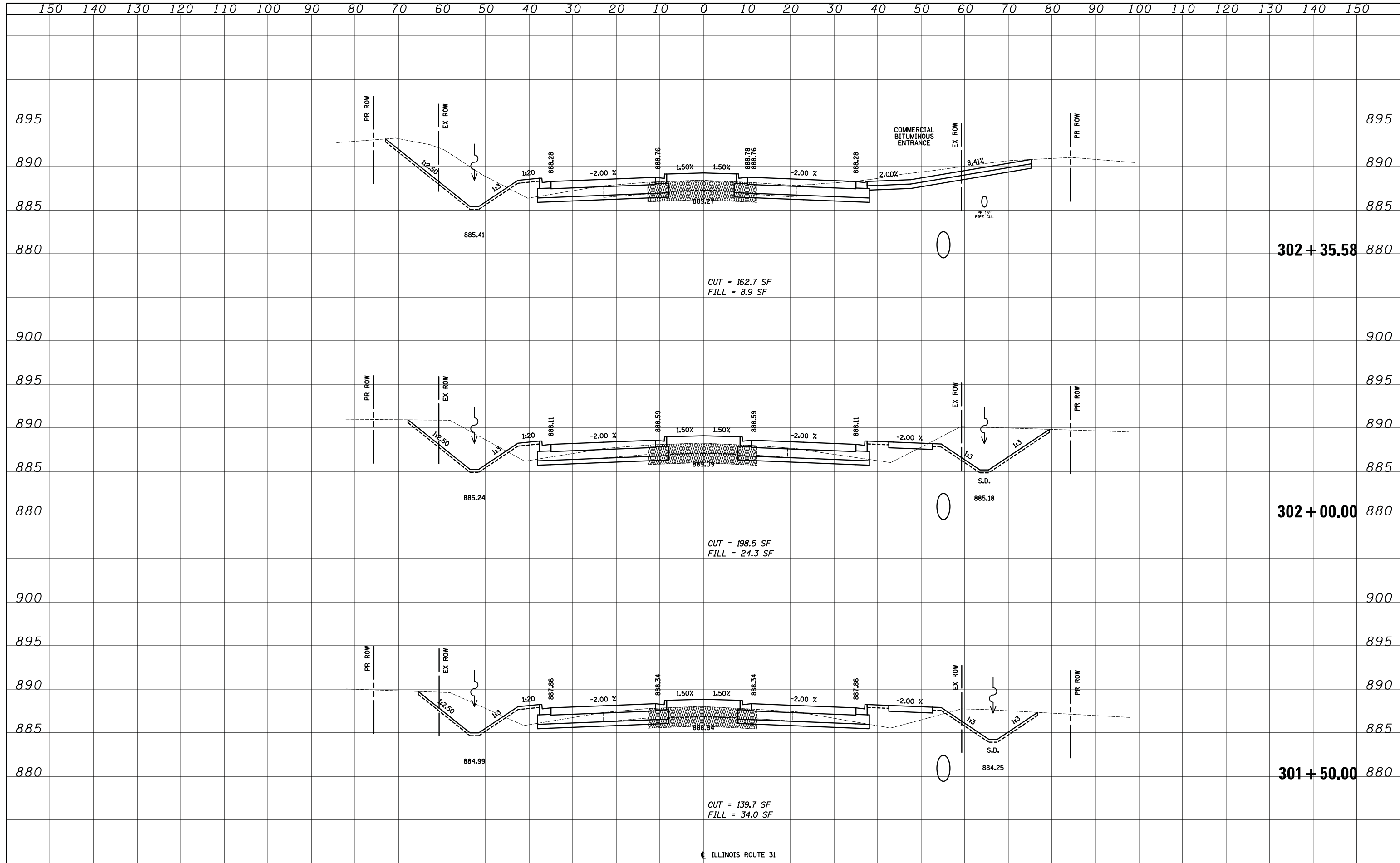
DATE	BY
ORIGINAL	
SURVEY	
NOTE BOOK	
AREAS	
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FILE NAME = ...\\2278NG-sht-xssh29.dgn	USER NAME = kwh	DESIGNED - KWH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS			F.A.U. R.T.E. 3887	SECTION 18W&RS-5 (12)	COUNTY McHENRY	TOTAL SHEETS 151	SHEET NO. 134
	PLOT SCALE = 10.0000' / in.	CHECKED - GAB	REVISED -		SCALE:	SHEET NO. 29 OF 46 SHEETS	STA. 300+50.00 TO STA. 301+00.00	CONTRACT NO. 60V72				
	PLOT DATE = 8/5/2013	DATE - 06/24/2013	REVISED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							

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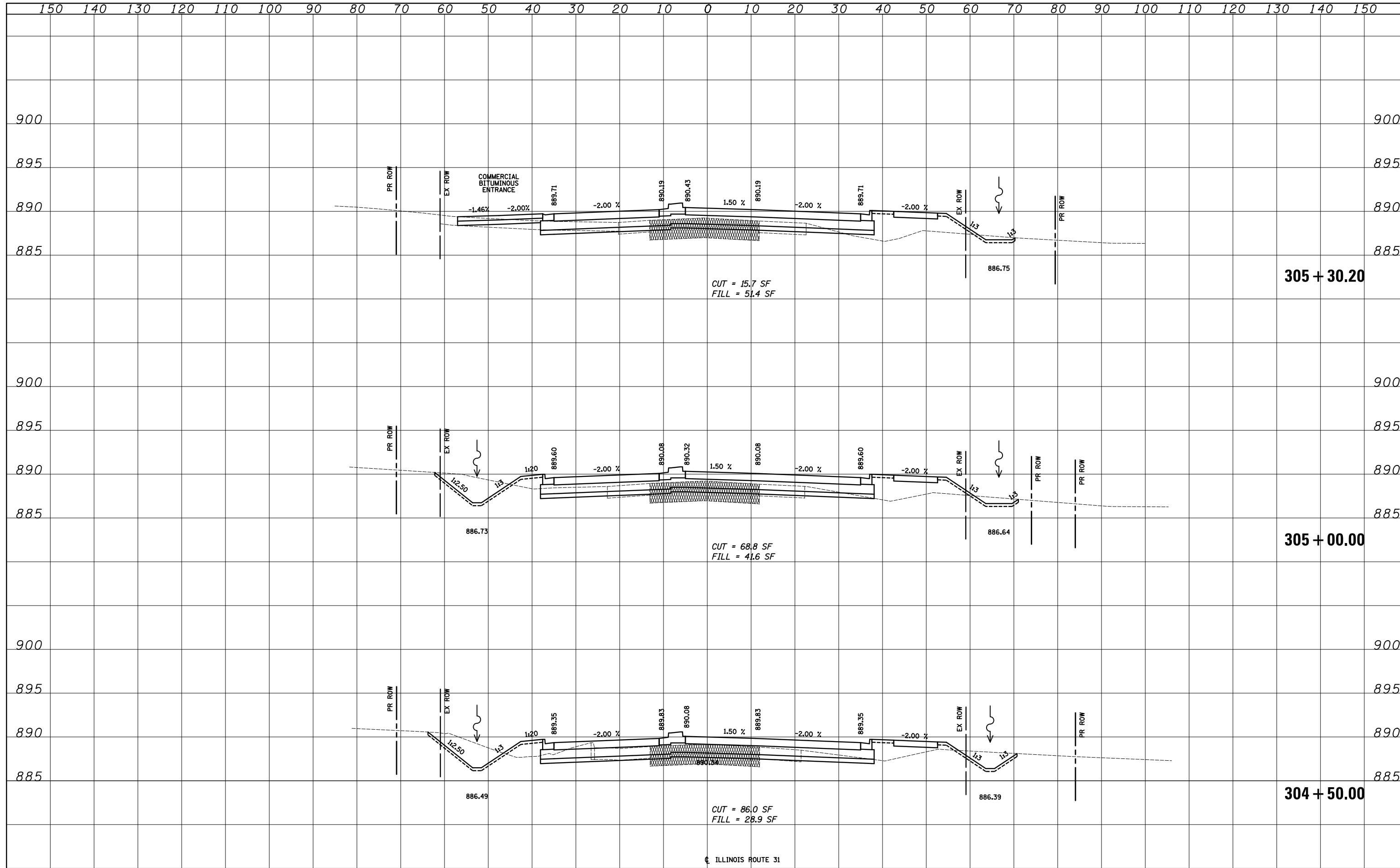
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ILLINOIS ROUTE 31												

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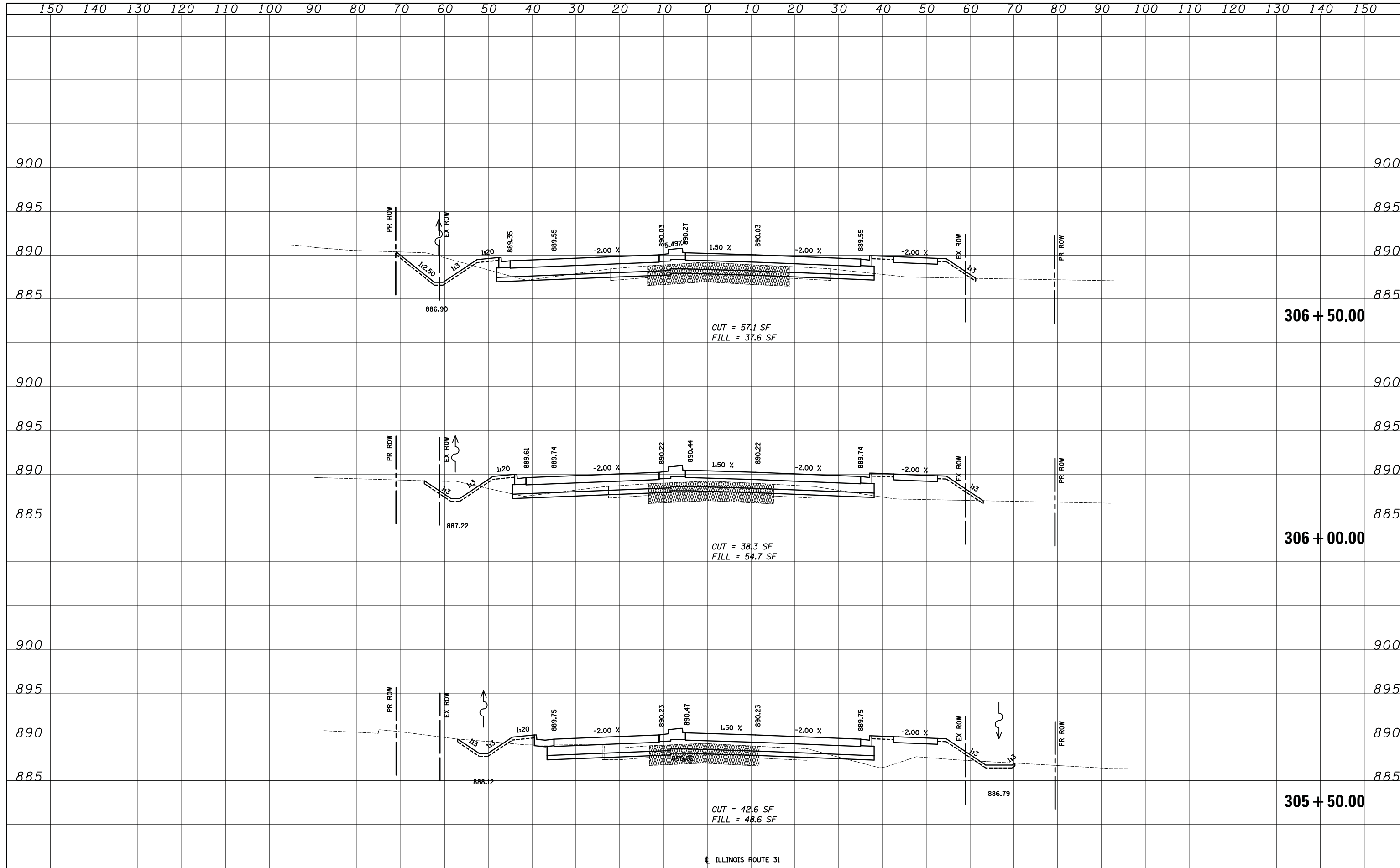
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	PLOT SCALE = 10.0000' / in.	CHECKED - GAB	REVISED -		SCALE:	SHEET NO. 33 OF 46 SHEETS	STA. 304+50.00	TO STA. 305+30.20	CONTRACT NO. 60V72			
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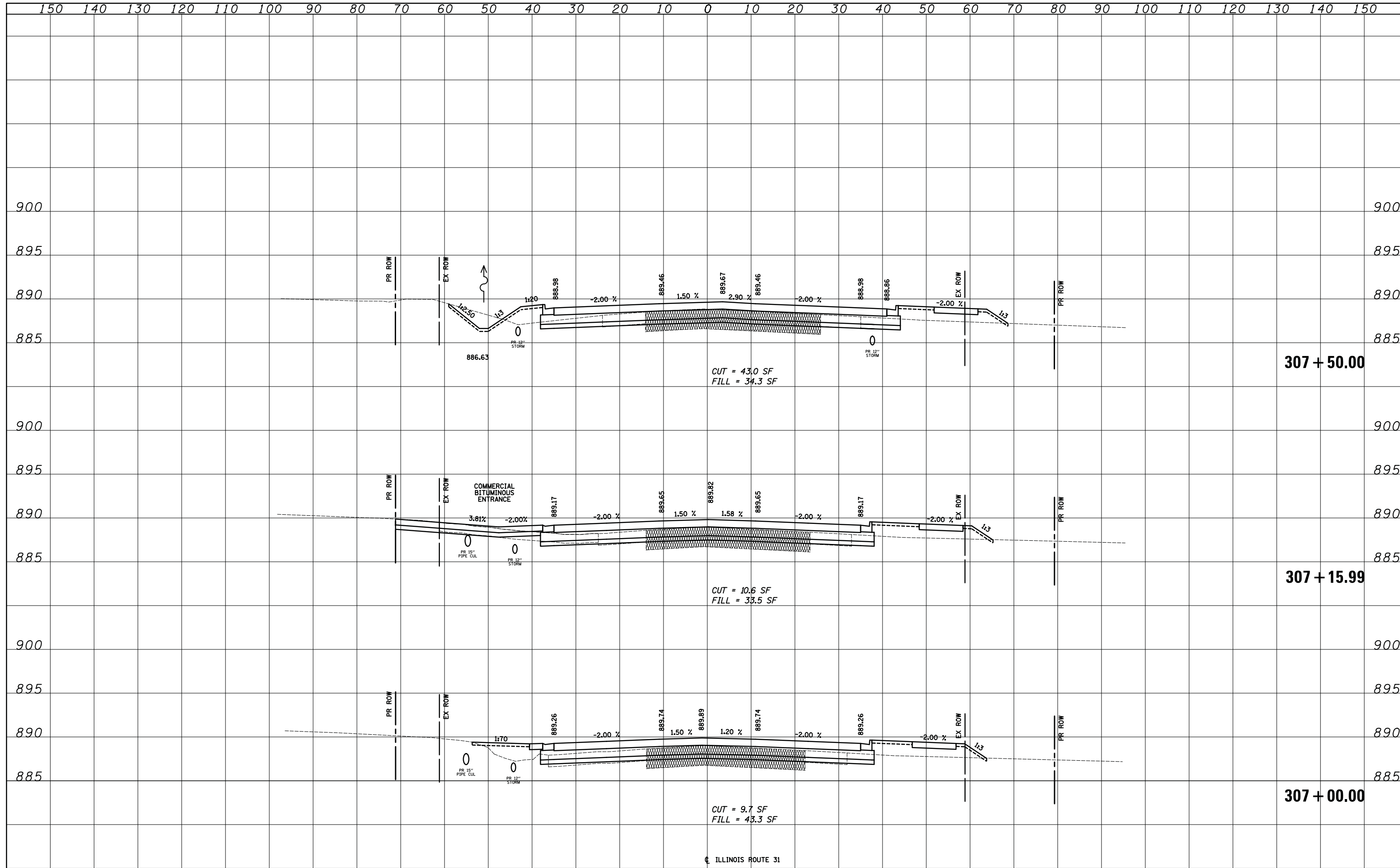
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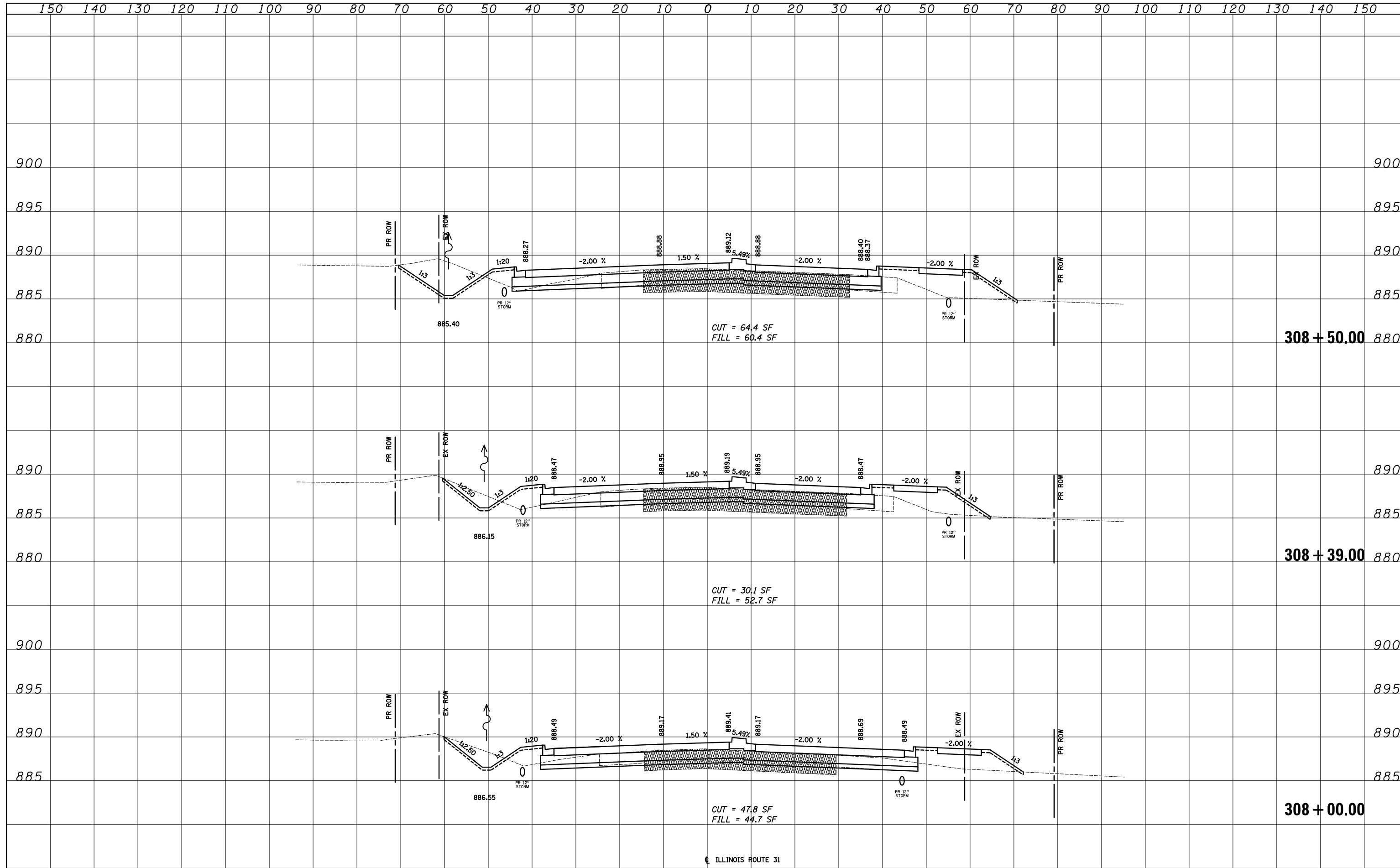
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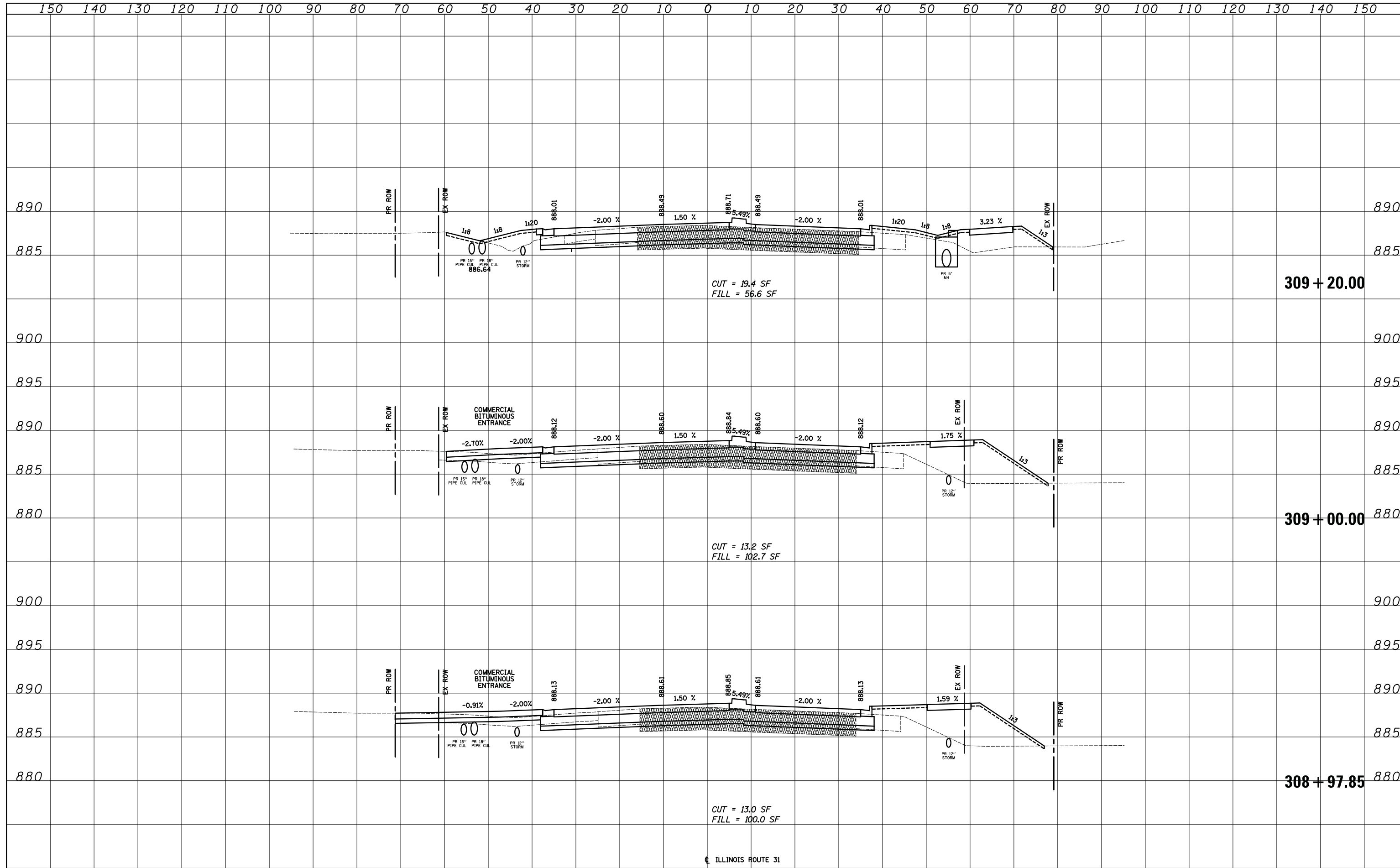
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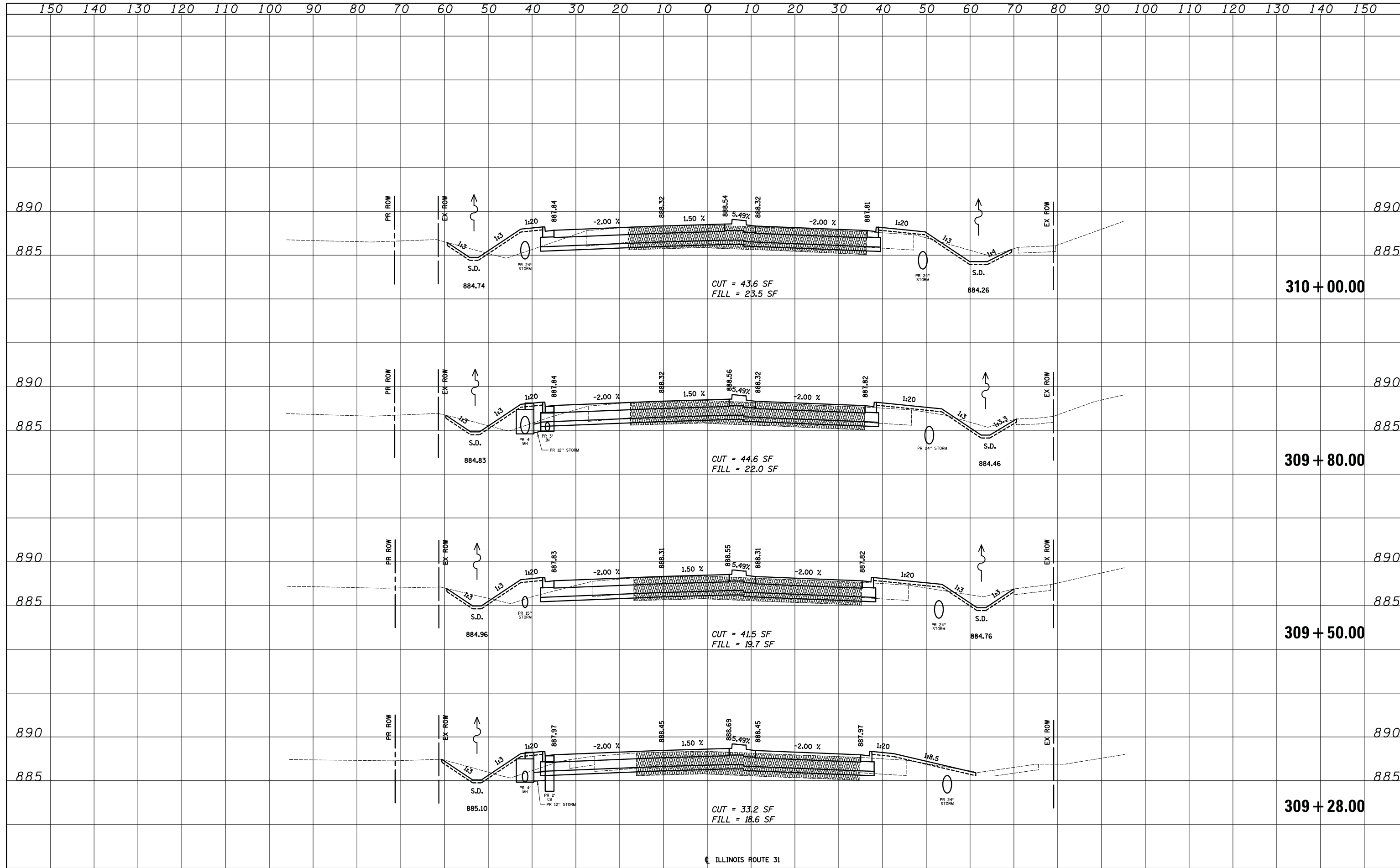
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	PLOT SCALE = 10.0000' / in.	CHECKED - GAB	REVISED -		SCALE:	SHEET NO. 37 OF 46 SHEETS	STA. 308+97.85 TO STA. 309+20.00	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
	PLOT DATE = 8/5/2013	DATE - 06/24/2013	REVISED -		CONTRACT NO. 60V72							

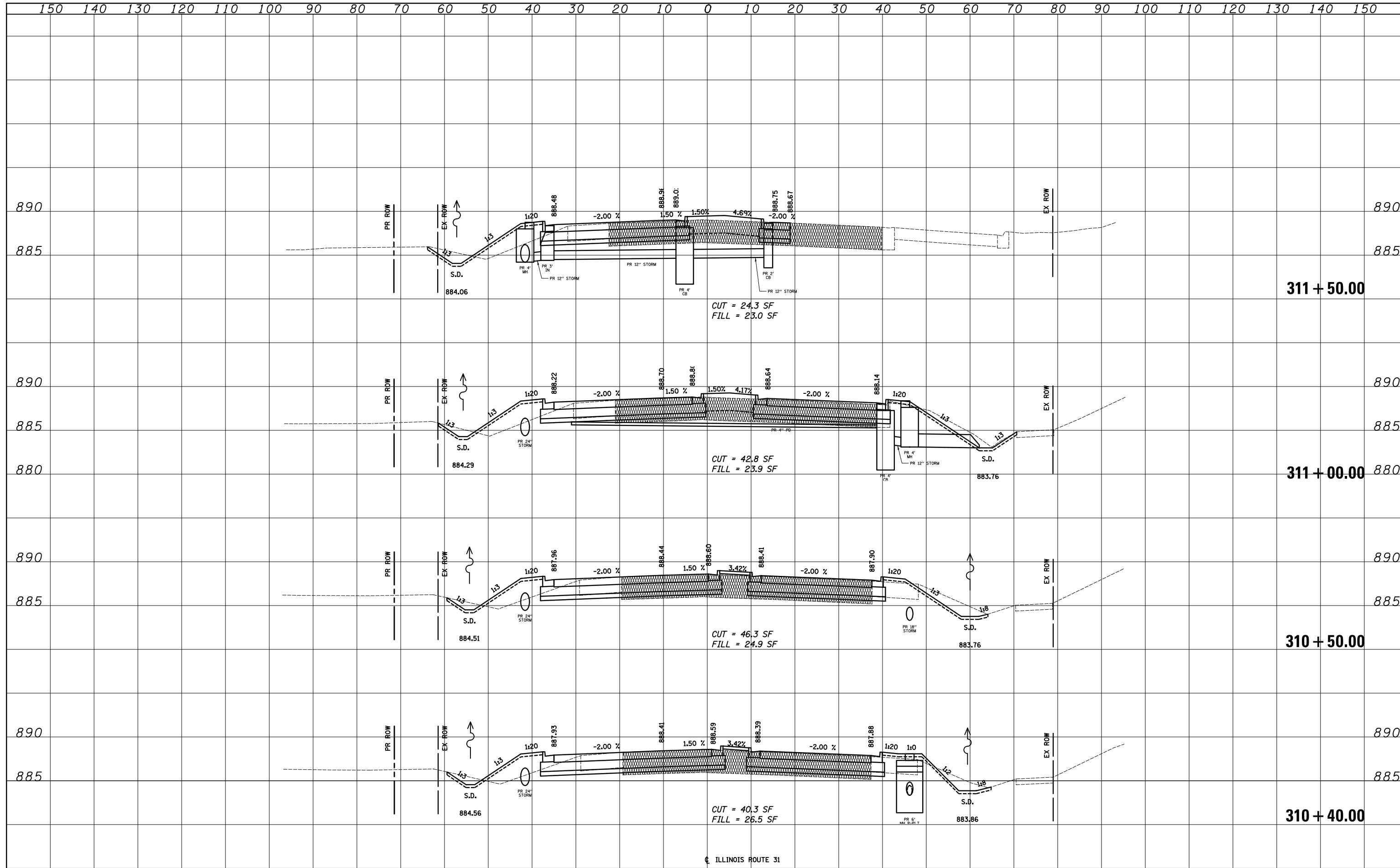
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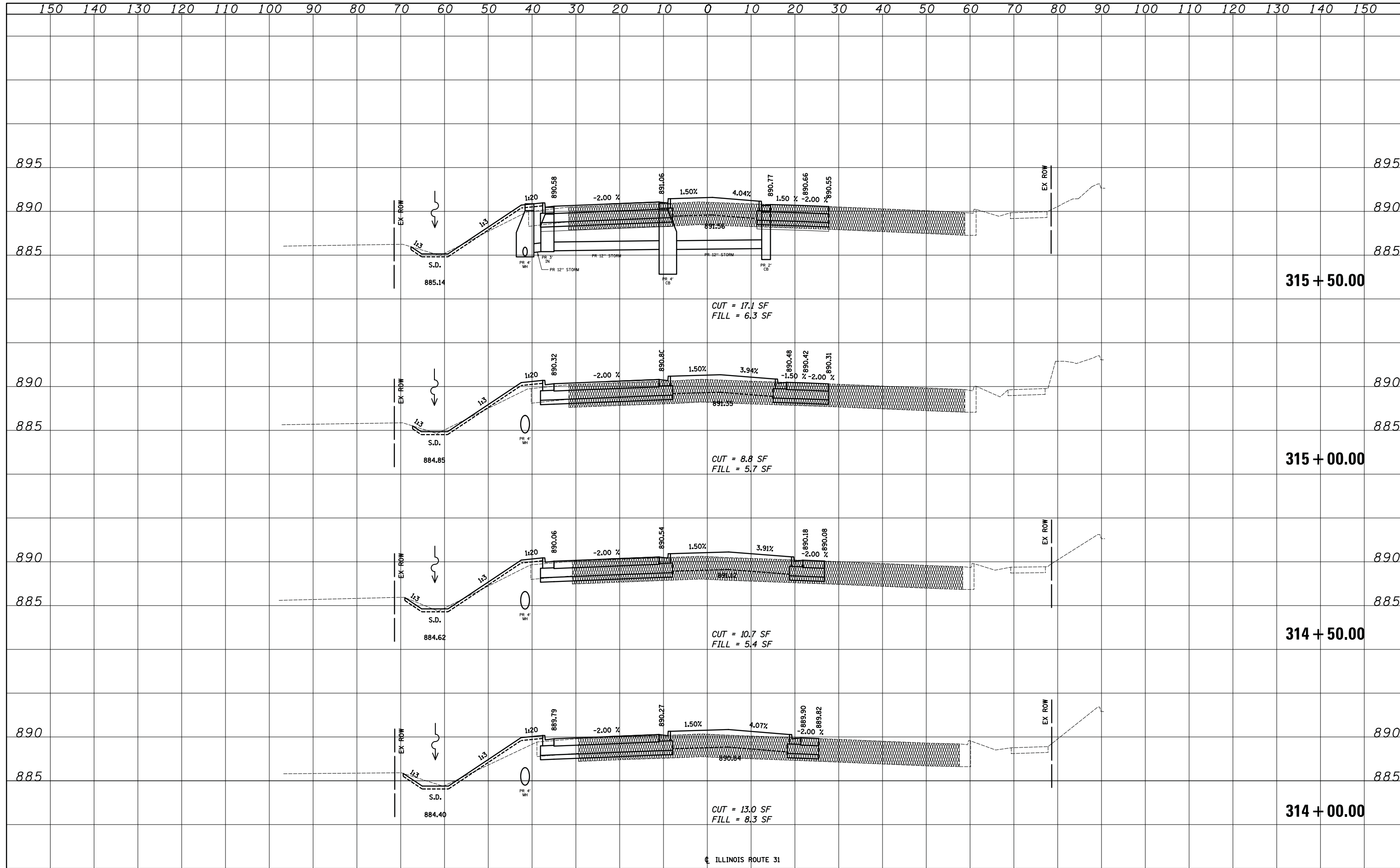
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	PLOT SCALE = 10.0000' / in.	CHECKED - GAB	REVISED -		SCALE:	SHEET NO. 39 OF 46 SHEETS	STA. 310+40.00 TO STA. 311+50.00	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
	PLOT DATE = 8/5/2013	DATE - 06/24/2013	REVISED -		CONTRACT NO. 60V72							

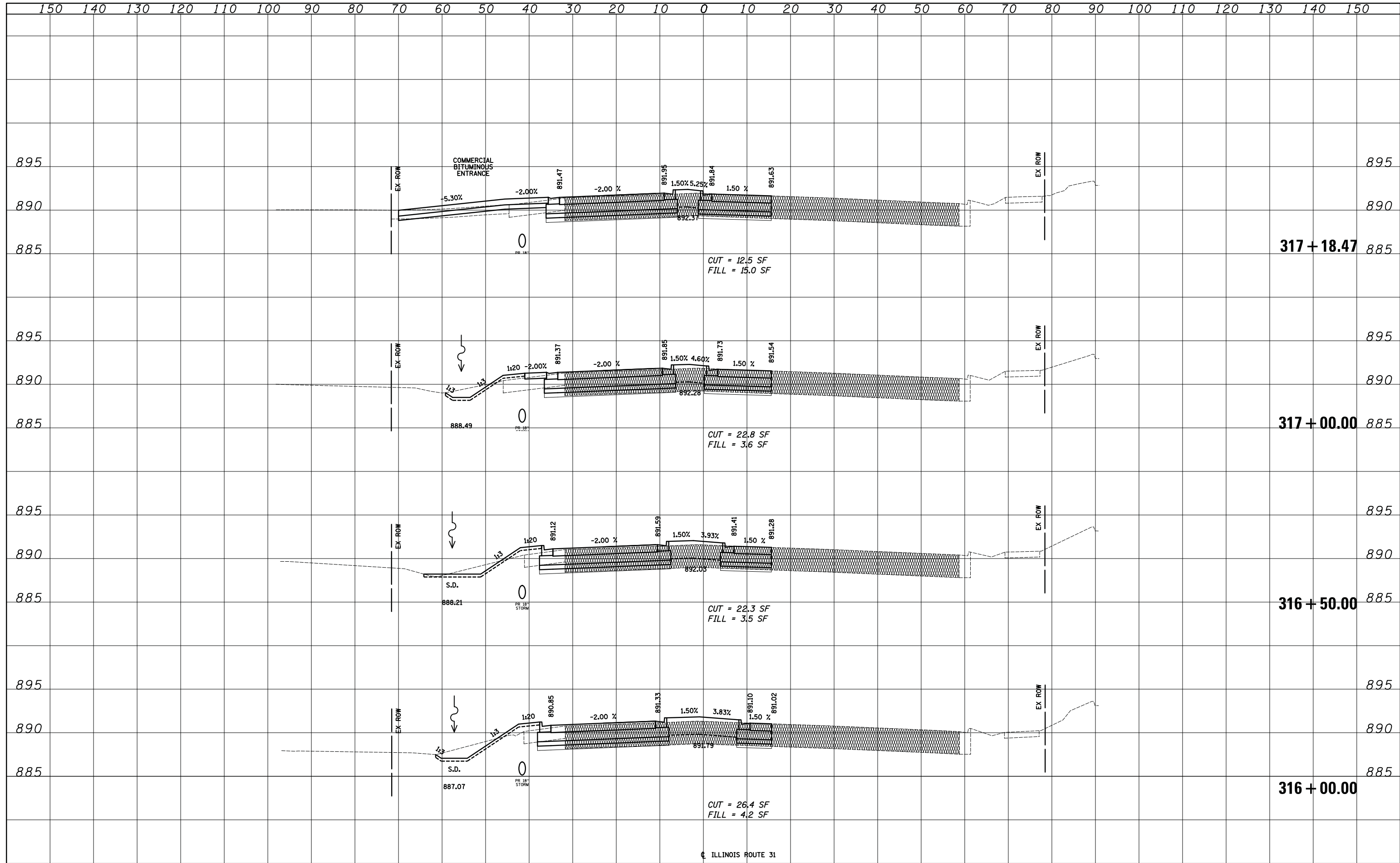
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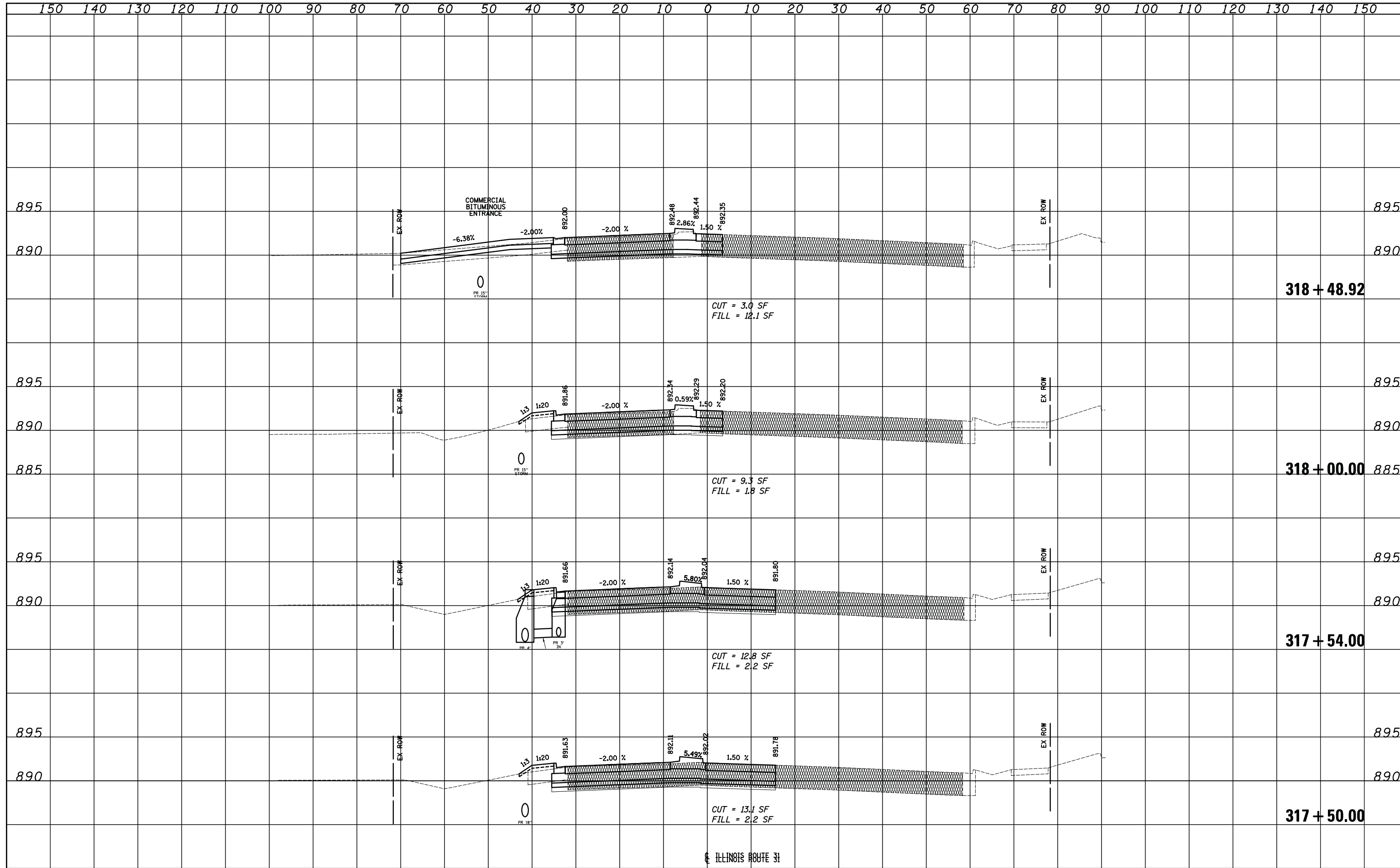
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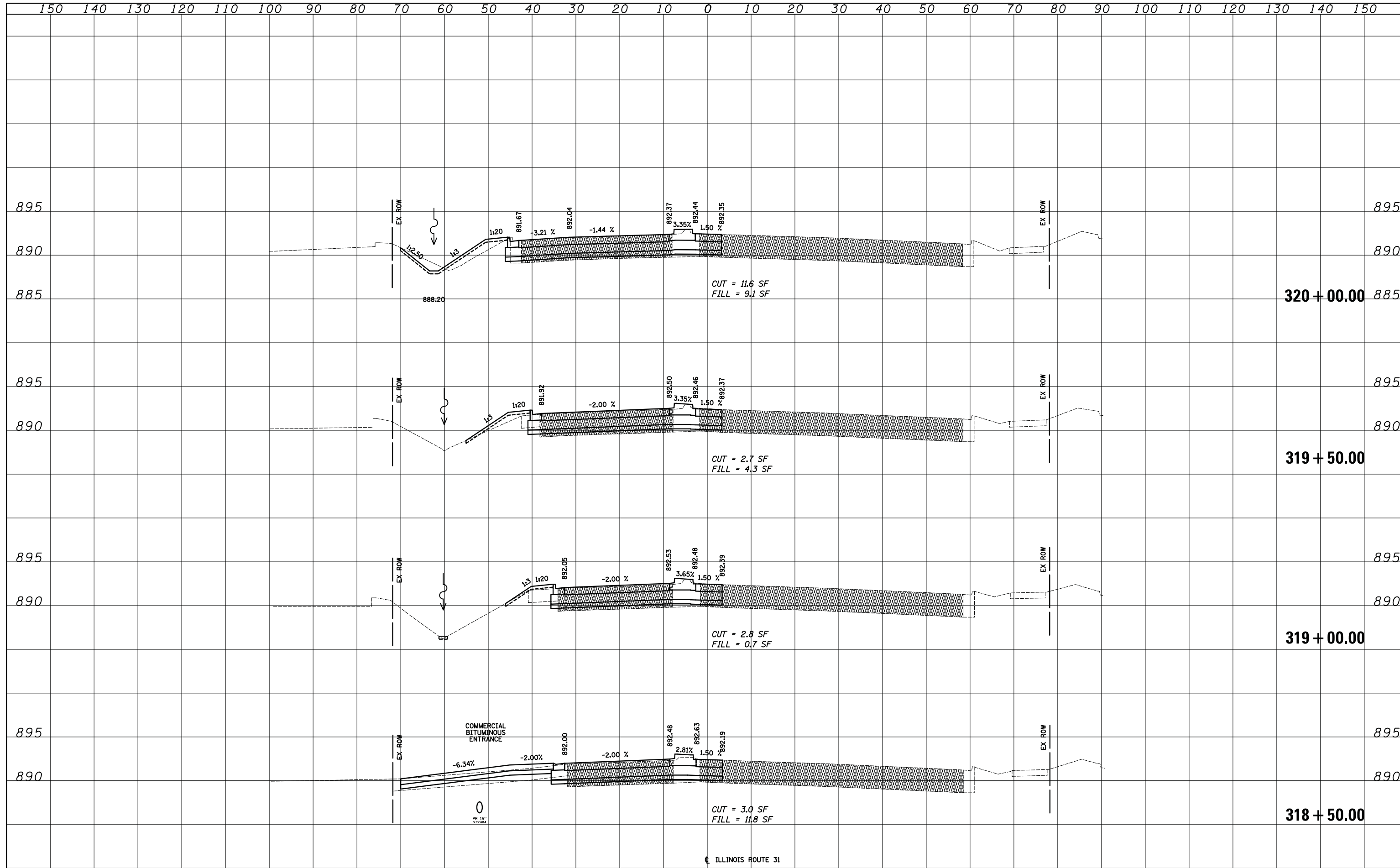
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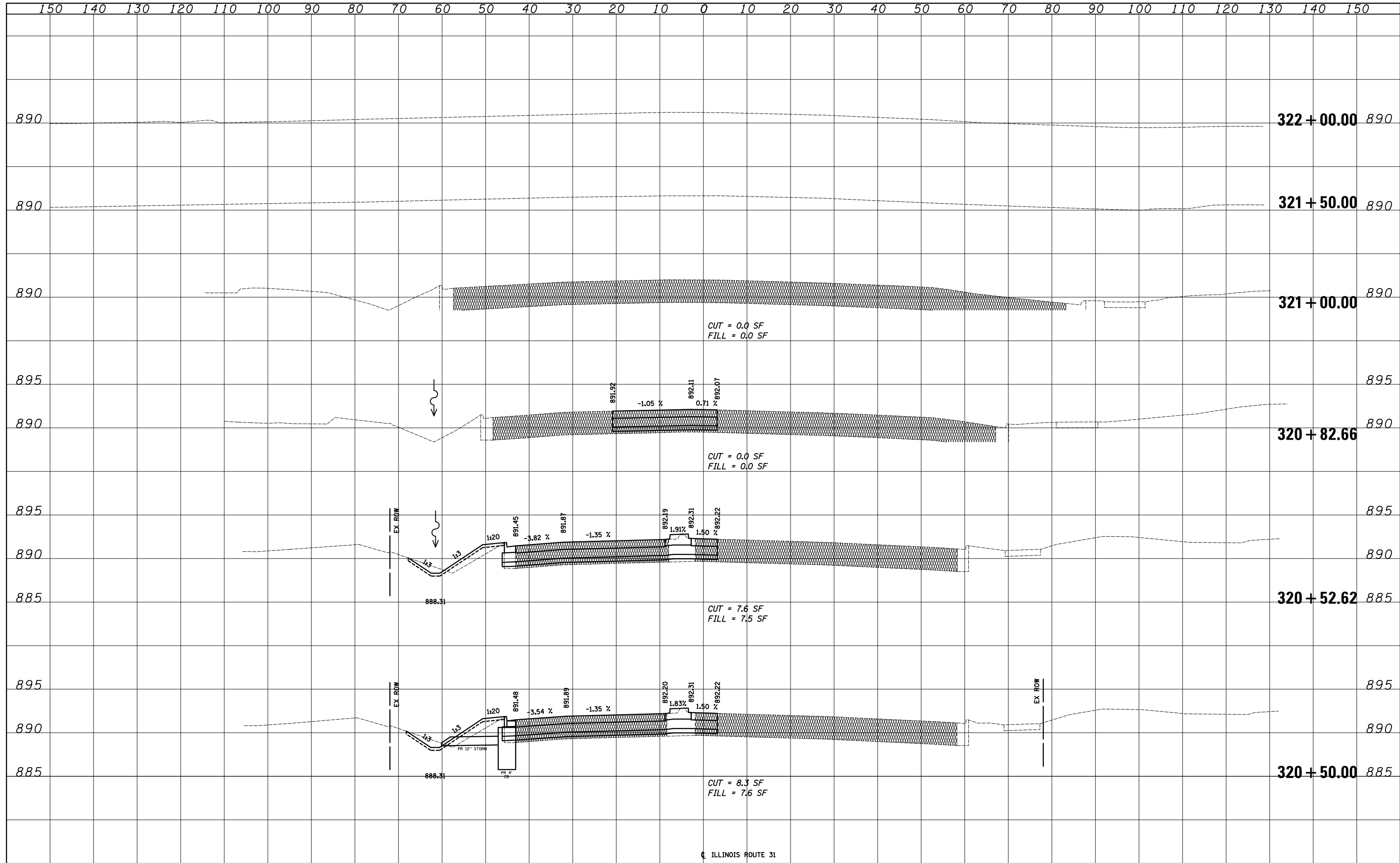
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FILE NAME = ...2278NG-sht-xssh46.dgn	USER NAME = kwh	DESIGNED - KWH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS		F.A.U. RTE. 3887	SECTION 18W&RS-5 (12)	COUNTY McHENRY	TOTAL SHEETS 151	SHEET NO. 151
	PLOT SCALE = 10.0000' / in.	CHECKED - GAB	REVISED -		SCALE:	SHEET NO. 46 OF 46 SHEETS	STA. 320+50.00 TO STA. 321+00.00	CONTRACT NO. 60V72		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	
	PLOT DATE = 8/5/2013	DATE - 06/24/2013	REVISED -								