

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.S. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	1
		ILLINOIS	CONTRACT NO. 70D07	

# PROPOSED HIGHWAY PLANS

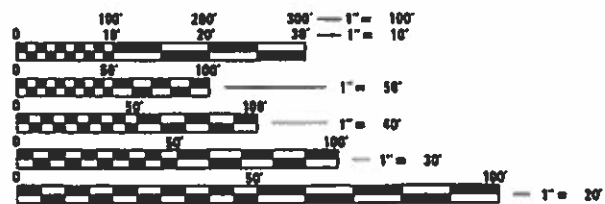
FAS ROUTE 498 (HENNING RD)  
SECTION (76,71,68,67,65,64)SR  
PROJECT HRRR-HSIP-LKEK(984)  
NEW SHOULDERS MILLED RUMBLE STRIP  
VERMILION COUNTY

FOR INDEX OF SHEETS, SEE SHEET NO. 2  
FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 4-6

CURRENT TRAFFIC DATA FOR FAS 498			
	LEG "A"	LEG "B"	LEG "C"
2018 ADT =	1,400	1,850	2,550
P.U. %	84.7	86.1	88.2
S.U. %	6.4	4.8	4.9
M.U. %	8.9	9.1	6.9

LEG "A" IS FAS 498 FROM US 136 IN HENNING TO FAS 497A (JAMESBURG RD).  
LEG "B" IS FAS 498 FROM FAS 497A (JAMESBURG RD) TO TR 179A (OLD UNION RD).  
LEG "C" IS FAS 498 FROM TR 179A (OLD UNION RD) TO TR 215 (2100 N).

DESIGN DESIGNATION  
N/A

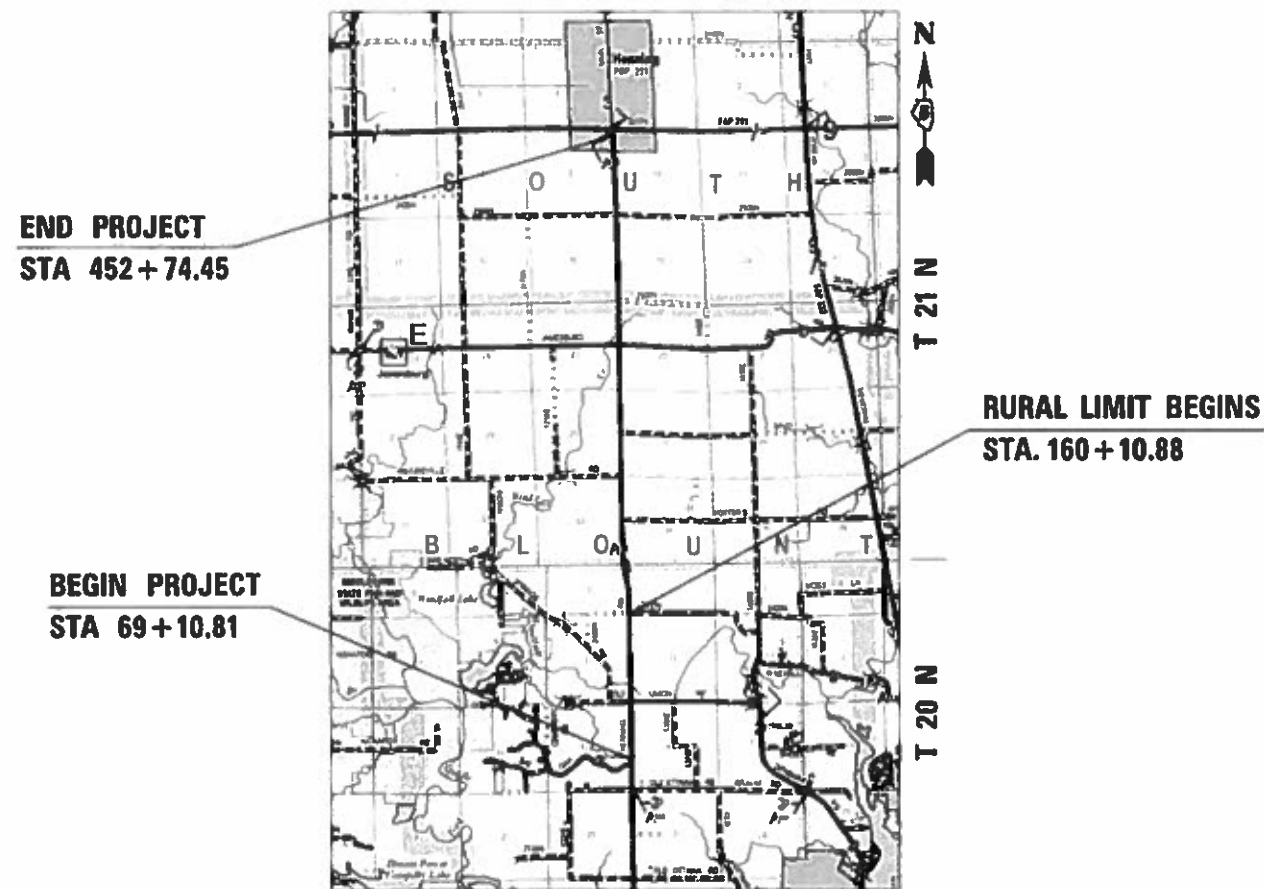


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.  
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION  
1-800-892-0123  
OR 811 BLOUNT & SOUTH ROSS TOWNSHIPS

PROJECT ENGINEER: NANCY FASIG  
SQUAD LEADER: BRIAN J. HOGAN  
DESIGNER: CLARE CURTIN  
CONTRACT NO. 70D07

C-95-030-18  
US 136 TO KENNEKUK PARK NW OF DANVILLE



GROSS LENGTH = 38,363.64 FT. = 7.266 MILES  
NET LENGTH = 38,363.64 FT. = 7.266 MILES



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED 6-29 2018  
Kenneth A. Barnett esq  
REGIONAL ENGINEER

Oct 5 2018  
Paul P. Chy  
ENGINEER OF DESIGN AND ENVIRONMENT

Oct 5 2018  
Paul P. Chy  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

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43-279	CROSS SECTIONS

**HIGHWAY STANDARDS**

STANDARD NO.	DESCRIPTION
000001 - 06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001 - 07	TEMPORARY EROSION CONTROL SYSTEMS
482011 - 03	HMA SHOULDER STRIPS/SHOULDERS WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
630001 - 12	STEEL PLATE BEAM GUARDRAIL
630106 - 02	LONG-SPAN GUARDRAIL OVER CULVERT
630301 - 08	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631011 - 10	TRAFFIC BARRIER TERMINAL, TYPE 2
635001 - 02	DELINEATORS
642006	SHOULDER RUMBLE STRIPS, 8 IN.
701006 - 05	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
701201 - 04	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS >= 45 MPH
701306 - 04	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS >= 45 MPH
701311 - 03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701901 - 07	TRAFFIC CONTROL DEVICES
720001 - 01	SIGN PANEL MOUNTING DETAILS
720006 - 04	SIGN PANEL ERECTION DETAILS
720011 - 01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
725001 - 01	OBJECT AND TERMINAL MARKERS
729001 - 01	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
780001 - 05	TYPICAL PAVEMENT MARKINGS
782006	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

MODEL: \\MODELNAME  
FILE NAME: \\FILENAME  
PROJECT: \\PROJECT  
DRAWING: \\DRAWING  
DATE: 6/15/2018

USER NAME = CurtinCB	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INDEX OF SHEETS LIST OF STANDARDS</b>			F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN -	REVISIED -	498					(76,71,68,67,65,64)SR	VERMILION	279	2	
PLOT SCALE = 40,0000 ' / in.	CHECKED -	REVISED -		SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.			CONTRACT NO. 70D07				
PLOT DATE = 6/15/2018	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

G.N.-100  
 ENGLISH UNITS OF MEASUREMENT SHALL GOVERN OVER AND SUPERSEDE ANY METRIC UNITS SHOWN IN THIS CONTRACT. WHERE INCLUDED, METRIC UNITS ARE FOR INFORMATION ONLY.

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

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

G.N.-202  
 GRADING SHALL BE DONE BY HAND AROUND LIGHT POLES, UTILITY POLES, SIGN POSTS, SHRUBS, TREES OR OTHER NATURAL OR MAN-MADE OBJECTS WHERE SHALLOW FILLS OR CUTS ARE ADJACENT TO THE ITEMS. IT IS THE INTENT THAT THE LIMITS OF CONSTRUCTION BE SUCH AS TO PRESERVE IN THE ORIGINAL STATE AS MUCH AREA OF TEMPORARY EASEMENTS AS POSSIBLE. THE DECISION AS TO ITEMS TO REMAIN IN PLACE SHALL BE AS DIRECTED BY THE ENGINEER.

THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE PER CUBIC YARD FOR EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED

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

G.N.-406H

**MIXTURE REQUIREMENTS**

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

Location	Henning Road	Henning Road
Mixture Use	Bottom 6 1/2" HMA Shoulders	Top 1 1/2" HMA Shoulders & Incidental
AC/PG	PG 64-22	PG 64-22
Design Air Voids	4.0% @ Ndes=50	4.0% @ Ndes=30
Mix Comp(Gradation)	IL 19.0	IL 9.5
Friction Aggregate	N.A.	Mix C
Mixture Weight	112	112
Quality Management Program	QC/QA	QC/QA
Sublot Size	N.A.	N.A.

G.N.-482  
 ALL LOW ESAL MIXTURE PLACED AS HOT-MIX ASPHALT SHOULDERS SHALL BE COMPACTED TO 94.0 – 98.4 PERCENT OF THE MAXIMUM THEORETICAL DENSITY. THIS REQUIREMENT SHALL APPLY TO IL 9.5L GRADATION MIXES. THIS MAXIMUM DENSITY SHALL BE DETERMINED FROM THE MOVING AVERAGE OF FOUR TESTS AS IN OTHER QC/QA TESTING. A NUCLEAR GAUGE DENSITY/CORE CORRELATION SHALL BE PERFORMED FOR THE IL 9.5L USING STANDARD CORRELATION PROCEDURES WHEN MORE THAN 3,000 TONS ARE TO BE PLACED.

G.N.-1004.01  
 COARSE AGGREGATE GRADATION CA-10 MAY BE USED WHENEVER COARSE AGGREGATE CA-6 IS SPECIFIED IN THE STANDARD SPECIFICATIONS.

NO COMMITMENTS.

MODEL: \\MODELNAME  
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USER NAME = CurtinCB	DESIGNED -	REVISED -
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PLOT DATE = 6/15/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**GENERAL NOTES**

SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	3
			CONTRACT NO. 70D07	
		ILLINOIS	FED. AID PROJECT	

LOCATION OF WORK:	F.A.S. 498 (HENNING ROAD)	F.A.S. 498 (HENNING ROAD)
	URBAN	RURAL
	MAJOR COLLECTOR	MAJOR COLLECTOR
	STA. 69+10.81 TO STA. 160+10.88	STA. 160+10.88 TO STA. 452+74.45
	VERMILION COUNTY	VERMILION COUNTY
FUNDING BREAKOUT:	HSIP SAFETY 90% FEDERAL / 10% STATE	HRRR SPECIAL 90% FEDERAL / 10% STATE
CONSTRUCTION TYPE CODE:	0021	0021

CODE NO.	ITEM	UNIT	TOTAL QUANTITY		
20200100	EARTH EXCAVATION	CU YD	6,140.0	1,575.0	4,565.0
25000210	SEEDING, CLASS 2A	ACRE	11.5	2.5	9.0
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	1,035.0	225.0	810.0
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	1,035.0	225.0	810.0
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	1,035.0	225.0	810.0
25100125	MULCH, METHOD 3	ACRE	11.5	2.5	9.0
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	11,500.0	2,500.0	9,000.0
28000305	TEMPORARY DITCH CHECKS	FOOT	380.0	140.0	240.0
28000400	PERIMETER EROSION BARRIER	FOOT	9,650.0	0.0	9,650.0
28000500	INLET AND PIPE PROTECTION	EACH	85.0	24.0	61.0
31101900	SUBBASE GRANULAR MATERIAL, TYPE C	TON	20.0	14.0	6.0
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	65.0	37.0	28.0
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	450.0	140.0	310.0
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	7,780.0	1,790.0	5,990.0
* DENOTES SPECIALTY ITEM					

MODEL: \\MODELNAME  
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 OFFICE: \\OFFICE  
 DATE: \\DATE

USER NAME = piersonbr	DESIGNED -	REVISED -
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PLOT SCALE = 40,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 7/6/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SCALE: 1" = 20'		SUMMARY OF QUANTITIES	
		SHEET 1 OF 3 SHEETS	STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	4
ILLINOIS FED. AID PROJECT			CONTRACT NO. 70D07	



LOCATION OF WORK: F.A.S. 498 (HENNING ROAD) F.A.S. 498 (HENNING ROAD)  
 URBAN RURAL  
 MAJOR COLLECTOR MAJOR COLLECTOR  
 STA. 69+10.81 TO STA. 160+10.88 STA. 160+10.88 TO STA. 452+74.45  
 VERMILION COUNTY VERMILION COUNTY  
 FUNDING BREAKOUT: HSIP SAFETY 90% FEDERAL / 10% STATE HRRR SPECIAL 90% FEDERAL / 10% STATE  
 CONSTRUCTION TYPE CODE: 0021 0021

CODE NO.	ITEM	UNIT	TOTAL QUANTITY		
40800025	BITUMINOUS MATERIALS (PRIME COAT)	POUND	120.0	70.0	50.0
40800029	BITUMINOUS MATERIALS (TACK COAT)	POUND	1,260.0	370.0	890.0
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	250.0	75.0	175.0
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	2,900.0	485.0	2,415.0
44000400	GUTTER REMOVAL	FOOT	515.0	367.0	148.0
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	32,700.0	7,930.0	24,770.0
48203100	HOT-MIX ASPHALT SHOULDERS	TON	80.0	0.0	80.0
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	1,150.0	0.0	1,150.0
* 63000350	LONG-SPAN GUARDRAIL OVER CULVERT, 12 FT 6 IN SPAN	FOOT	75.0	0.0	75.0
* 63000370	LONG-SPAN GUARDRAIL OVER CULVERT, 25 FT SPAN	FOOT	200.0	0.0	200.0
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	5.0	0.0	5.0
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	23.0	0.0	23.0
63200310	GUARDRAIL REMOVAL	FOOT	1,750.0	0.0	1,750.0
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	72,650.0	16,660.0	55,990.0
* DENOTES SPECIALTY ITEM					

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PLOT DATE = 7/6/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>SUMMARY OF QUANTITIES</b>			
SCALE: 1" = 20'	SHEET 2	OF 3	SHEETS
STA.		TO STA.	

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	5
CONTRACT NO. 70D07			ILLINOIS FED. AID PROJECT	

LOCATION OF WORK: F.A.S. 498 (HENNING ROAD) F.A.S. 498 (HENNING ROAD)  
 URBAN RURAL  
 MAJOR COLLECTOR MAJOR COLLECTOR  
 STA. 69+10.81 TO STA. 160+10.88 STA. 160+10.88 TO STA. 452+74.45  
 VERMILION COUNTY VERMILION COUNTY  
 FUNDING BREAKOUT: HSIP SAFETY 90% FEDERAL / 10% STATE HRRR SPECIAL 90% FEDERAL / 10% STATE  
 CONSTRUCTION TYPE CODE: 0021 0021

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY		
*	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	95.0	0.0	95.0
*	66900450	SPECIAL WASTE PLANS AND REPORTS	L SUM	1.0	0.0	1.0
*	66900530	SOIL DISPOSAL ANALYSIS	EACH	1.0	0.0	1.0
	67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	5.0	1.2	3.8
	67100100	MOBILIZATION	L SUM	1.0	0.2	0.8
*	72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	23.0	0.0	23.0
*	72501100	TERMINAL MARKER - POST MOUNTED	EACH	9.0	0.0	9.0
*	78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	75,700.0	17,850.0	57,850.0
*	78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	56.0	0.0	56.0
	X4400196	HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL	SQ YD	800.0	323.0	477.0
*	X6330725	STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS)	FOOT	375.0	0.0	375.0
	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1.0	0.2	0.8
	Z0013798	CONSTRUCTION LAYOUT	L SUM	1.0	0.2	0.8
* DENOTES SPECIALTY ITEM						

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

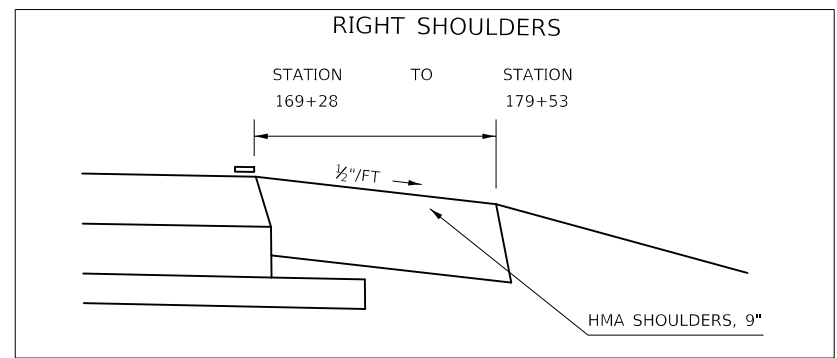
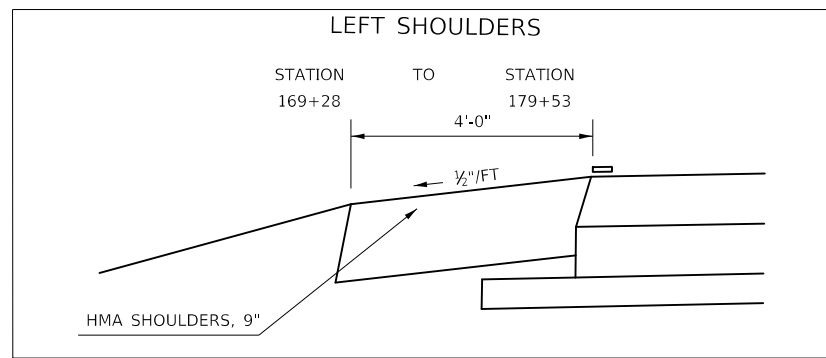
**SUMMARY OF QUANTITIES**

SCALE: 1" = 20' SHEET 3 OF 3 SHEETS STA. TO STA.

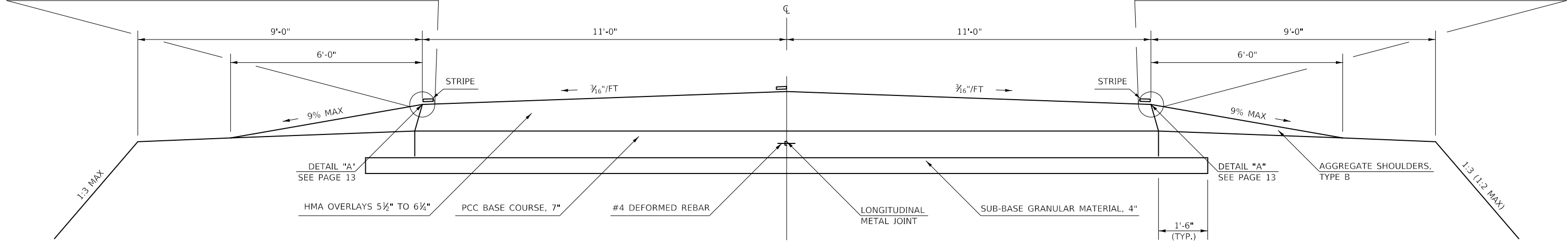
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	6
CONTRACT NO. 70D07			ILLINOIS FED. AID PROJECT	

# EXISTING TYPICAL SECTION FAS 498 ①

①

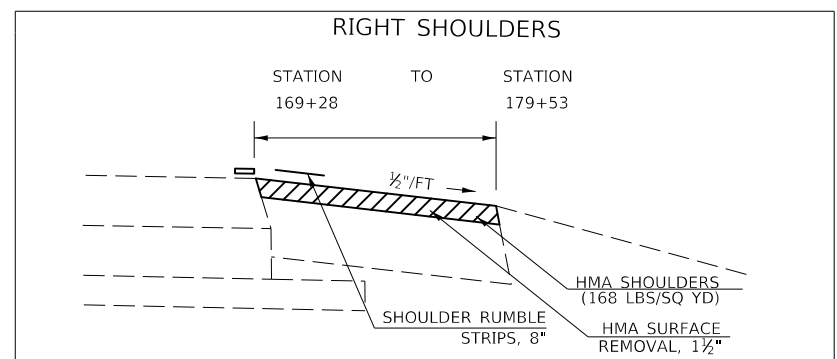
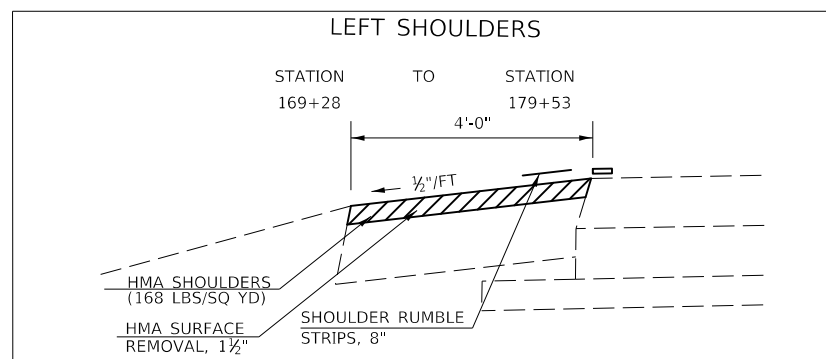


STATION TO STATION  
 69+10.81 TO 128+00 ②  
 ② 152+00 TO 201+00 ②

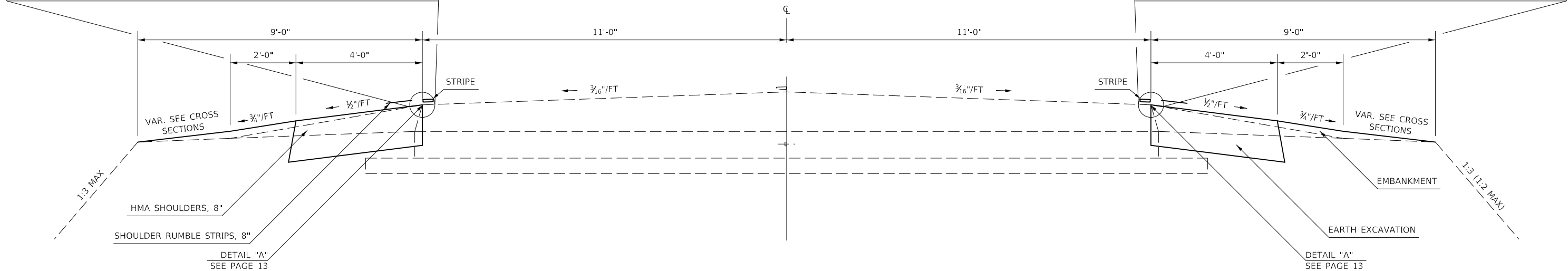


# PROPOSED TYPICAL SECTION FAS 498 ①

①



STATION TO STATION  
 69+10.81 TO 128+00 ②  
 ② 152+00 TO 201+00 ②



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 DATE: 6/15/2018

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PLOT SCALE = 40.0000' / in.	CHECKED -	REVISOR -
PLOT DATE = 6/15/2018	DATE -	REVISION -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

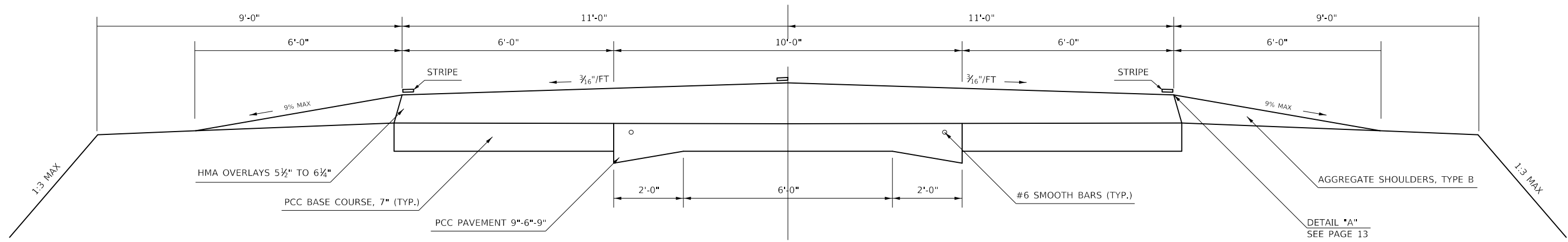
TYPICAL CROSS SECTIONS

SCALE: SHEET 1 OF 6 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	7
CONTRACT NO. 70D07				
ILLINOIS FED. AID PROJECT				

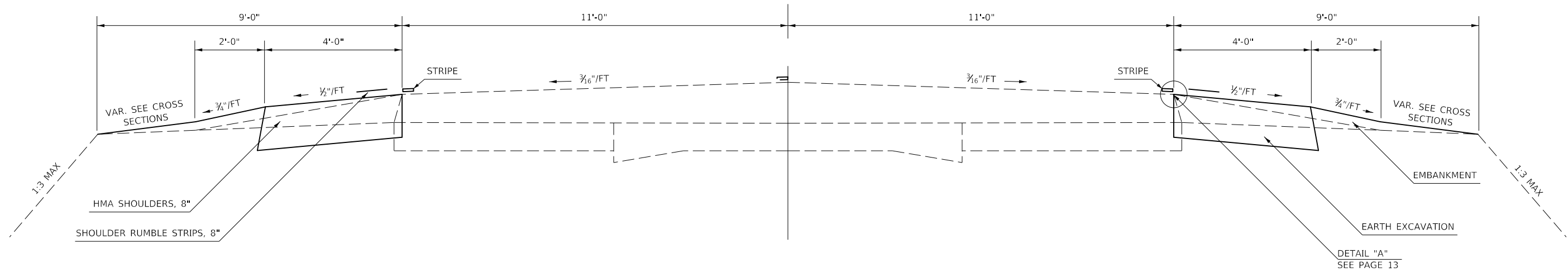
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STATION TO STATION  
 ① 128+00 152+00 ①  
 ① 201+00 212+00 ③



# PROPOSED TYPICAL SECTION FAS 498 (2)

STATION TO STATION  
 ① 128+00 152+00 ①  
 ① 201+00 212+00 ③



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PLOT DATE = 6/15/2018	DATE -	REVISOR -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

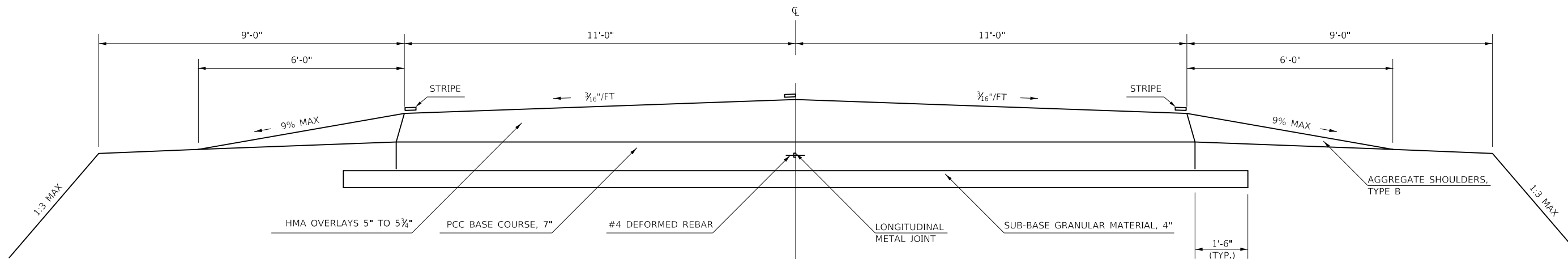
**TYPICAL CROSS SECTIONS**

SCALE: SHEET 2 OF 6 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	8
CONTRACT NO. 70D07				
ILLINOIS FED. AID PROJECT				

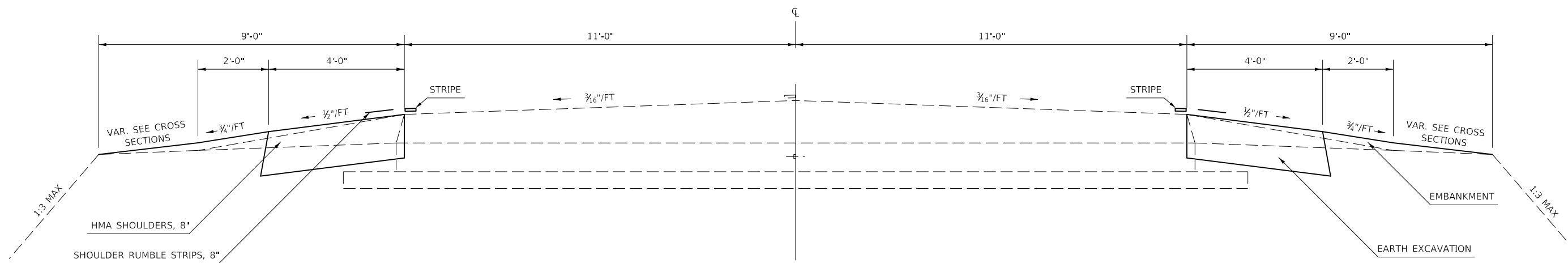
# EXISTING TYPICAL SECTION FAS 498 (3)

STATION TO STATION  
 ② 212+00 TO 232+00 ④



# PROPOSED TYPICAL SECTION FAS 498 (3)

STATION TO STATION  
 ② 212+00 TO 232+00 ④



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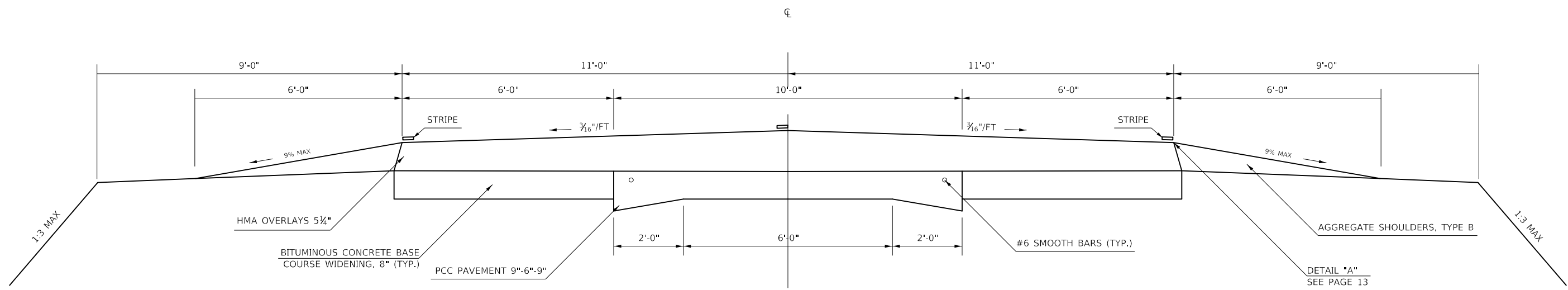
**TYPICAL CROSS SECTIONS**

SCALE: SHEET 3 OF 6 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	9
CONTRACT NO. 70D07				
ILLINOIS FED. AID PROJECT				

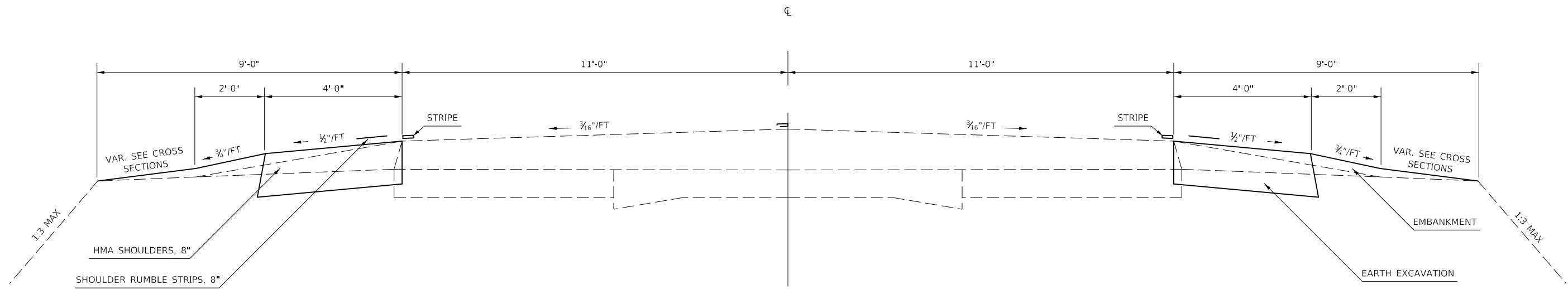
# EXISTING TYPICAL SECTION FAS 498 (4)

STATION TO STATION  
 (3) 232+00 TO 318+00 (5)



# PROPOSED TYPICAL SECTION FAS 498 (4)

STATION TO STATION  
 (3) 232+00 TO 318+00 (5)



MODEL: \\MODELNAME  
 FILE: \\FILENAME  
 PROJECT: \\PROJECTNAME  
 DRAWING: \\DRAWINGNAME  
 DATE: 6/15/2018

USER NAME = CurtinCB	DESIGNED -	REVISED -
DRAWN -	REVISOR -	
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISOR -
PLOT DATE = 6/15/2018	DATE -	REVISOR -

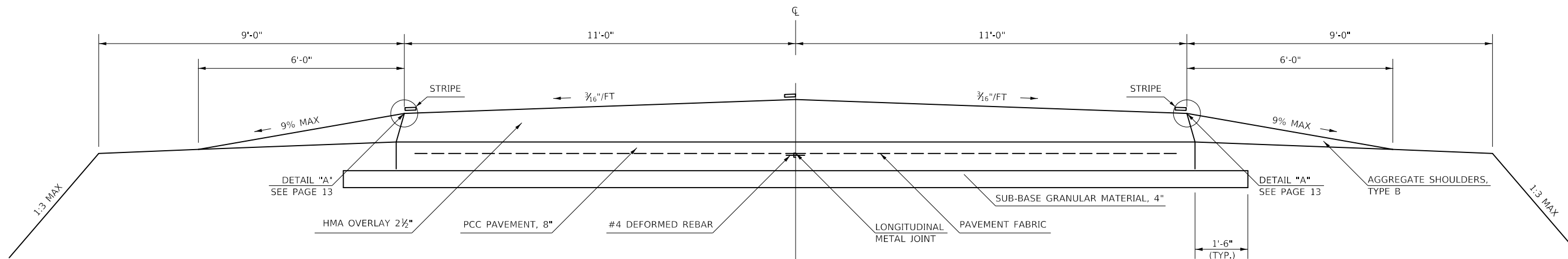
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>TYPICAL CROSS SECTIONS</b>			
SCALE:	SHEET 4	OF 6 SHEETS	STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	10
CONTRACT NO. 70D07				
ILLINOIS FED. AID PROJECT				

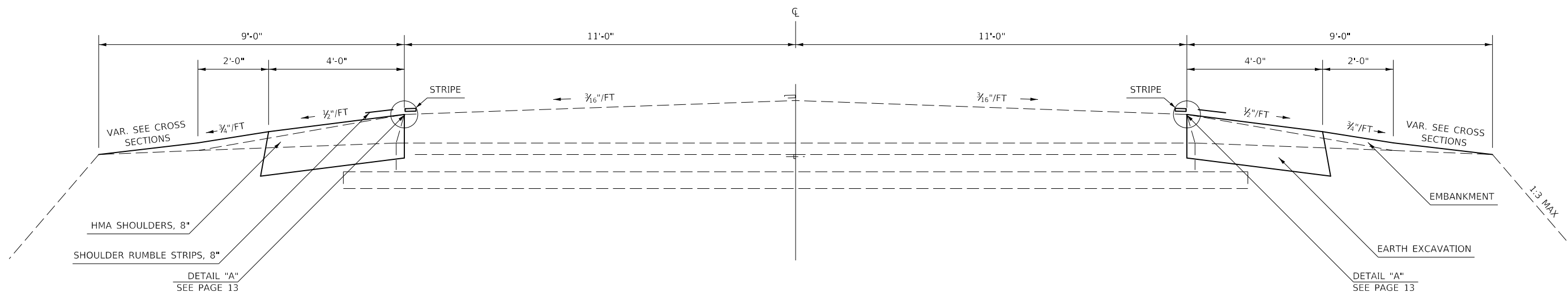
# EXISTING TYPICAL SECTION FAS 498 (5)

STATION TO STATION  
 ④ 318+00 452+74.45



# PROPOSED TYPICAL SECTION FAS 498 (5)

STATION TO STATION  
 ④ 318+00 452+74.45



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 FILE: \\NAME: \\PROJECTS\70007\CADD\DATA\CAD\Sheet\570007-shc1typical.dgn

USER NAME = CurtinCB	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 6/15/2018	DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS

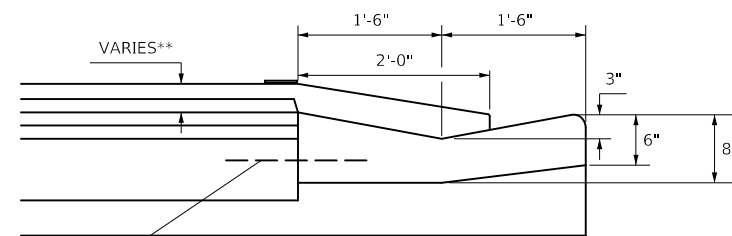
SCALE: SHEET 5 OF 6 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	11
CONTRACT NO. 70D07				
ILLINOIS FED. AID PROJECT				

DETAIL "A" - EXISTING GUTTER

SIDE	STATION	TO	STATION
LT	77+50		77+97
LT	78+33		79+50
LT	104+80		105+34
LT	105+78		106+21
RT	133+50		133+60
RT	133+96		134+50
RT	154+70		155+08
RT	155+44		155+99
RT	156+35		156+80
RT	323+56		324+90
RT	325+30		325+43
LT	452+32		452+74.45

EXISTING GUTTER

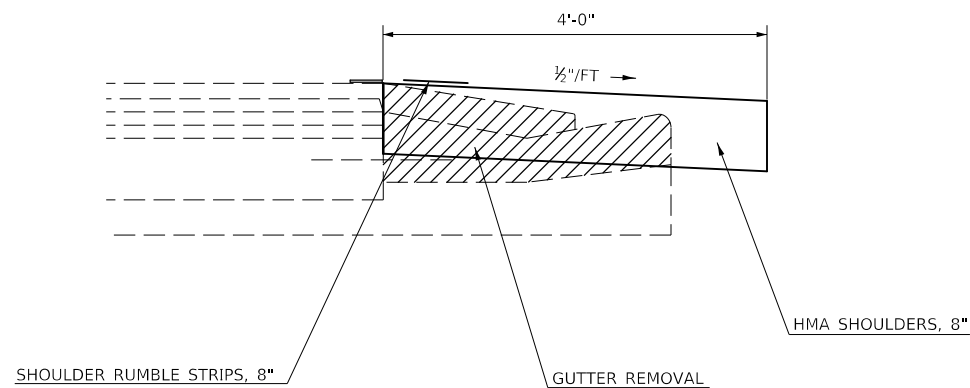


#4 DEFORMED BARS  
8" LONG ON 5" CENTERS,  
CENTER OF PCC PAVEMENT

\*\*RESURFACING VARIATIONS

PROPOSED TYPICAL(S)	TOTAL BITUMINOUS RESURFACE THICKNESS
1,2,3	3 1/4"
4	2 1/4"
5	2 1/2"

PROPOSED GUTTER REMOVAL



 GUTTER REMOVAL

MODEL: \\MODELNAME  
FILE NAME: P:\U\B\EB\DOT\Illinois\gov\PI\DOT\Documents\DOT\_Offices\District 5\Projects\0570007\CADD\DATA\CAD\Sheet\0570007-shc-typical.dgn

USER NAME = CurtinCB	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 6/15/2018	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS

SCALE: SHEET 6 OF 6 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	12
CONTRACT NO. 70D07				
ILLINOIS FED. AID PROJECT				



# SCHEDULES OF QUANTITIES

## EARTHWORK & AGGREGATE SHOULDERS

DIRECTION	STATION	TO	STATION	EARTH EXCAVATION 20200100 (CU YD)	EMBANKMENT (CU YD)	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
NB	69+37.90		117+00.00	384.1	231.9	288.1	56.2
NB	117+00.00		165+00.00	383.3	228.6	287.4	58.8
NB	165+00.00		213+00.00	436.9	212.1	327.7	115.6
NB	213+00.00		261+00.00	355.8	376.4	266.9	-109.5
NB	261+00.00		309+00.00	373.7	261.4	280.3	18.9
NB	309+00.00		357+00.00	410.1	209.6	307.6	98.0
NB	357+00.00		405+00.00	416.8	159.6	312.6	153.0
NB	405+00.00		452+74.45	401.3	223.4	301.0	77.6
SB	69+10.81		117+00.00	431.5	158.6	323.6	165.1
SB	117+00.00		165+00.00	391.5	210.7	293.6	83.0
SB	165+00.00		213+00.00	326.4	202.7	244.8	42.2
SB	213+00.00		261+00.00	351.6	350.0	263.7	-86.4
SB	261+00.00		309+00.00	370.4	278.0	277.8	-0.2
SB	309+00.00		357+00.00	371.3	276.2	278.4	2.2
SB	357+00.00		405+00.00	367.1	370.6	275.3	-95.2
SB	405+00.00		451+65.53	359.0	279.3	269.2	-10.1
ROUND TO:				6,140.0	4,030.0	-	570.0

NOTES:  
 THE SHRINKAGE FACTOR USED IS 25%  
 EMBANKMENT, SHRINKAGE, AND BALANCE IS FOR INFORMATION ONLY  
 NO PAYMENT WILL BE ALLOWED FOR OVERHAUL  
 EXCAVATION REQUIRED FOR PCC BASE COURSE, FULL DEPTH HMA PAVEMENT,  
 HMA SHOULDERS, HMA BASE COURSE, AND AGGREGATE SHOULDER IS MEASURED  
 AND PAID FOR AS EARTH EXCAVATION

## HOT-MIX ASPHALT SHOULDERS

DIRECTION	STATION	TO	STATION	THICKNESS (INCHES)	HMA DENSITY (LBS/SQ YD/IN)	LENGTH (FOOT)	WIDTH (FOOT)	AREA (SQ YD)	BITUMINOUS MATERIALS (TACK COAT) 40600290 (POUND)	HMA SURFACE REMOVAL, 1 1/2" 44000155	HOT-MIX ASPHALT SHOULDERS, 8" 48203029 (SQ YD)	HOT-MIX ASPHALT SHOULDERS 48203100 (TON)	PAINT PAVEMENT MARKING - LINE 4" 78001110
NB	69+37.90		105+12.21	8.0	112	3574.31	4	1588.6	357.4	-	1588.6	-	3574.3
NB	106+60.72		159+85.71	8.0	112	5324.99	4	2366.7	532.5	-	2366.7	-	5325.0
NB	160+42.65		184+82.48	8.0	112	2439.83	4	1084.4	244.0	-	1084.4	-	2439.8
NB	184+82.48		195+01.11	1.5	112	1018.63	4	452.7	203.7	452.7	-	38.0	1018.6
NB	195+01.11		216+64.39	8.0	112	2163.28	4	961.5	216.3	-	961.5	-	2163.3
NB	217+25.98		269+68.75	8.0	112	5242.77	4	2330.1	524.3	-	2330.1	-	5242.8
NB	270+26.59		322+87.21	8.0	112	5260.62	4	2338.1	526.1	-	2338.1	-	5260.6
NB	323+96.91		349+79.04	8.0	112	2582.13	4	1147.6	258.2	-	1147.6	-	2582.1
NB	350+37.16		402+26.76	8.0	112	5189.60	4	2306.5	519.0	-	2306.5	-	5189.6
NB	402+91.69		452+74.45	8.0	112	4982.76	4	2214.6	498.3	-	2214.6	-	4982.8
SB	69+10.81		105+12.51	8.0	112	3601.70	4	1600.8	360.2	-	1600.8	-	3601.7
SB	106+57.88		159+82.46	8.0	112	5324.58	4	2366.5	532.5	-	2366.5	-	5324.6
SB	160+42.38		169+26.52	8.0	112	884.14	4	393.0	88.4	-	393.0	-	884.1
SB	169+26.52		179+56.51	1.5	112	1029.99	4	457.8	206.0	457.8	-	38.5	1030.0
SB	179+56.51		243+38.83	8.0	112	6382.32	4	2836.6	638.2	-	2836.6	-	6382.3
SB	244+02.32		322+88.91	8.0	112	7886.59	4	3505.2	788.7	-	3505.2	-	7886.6
SB	324+07.84		402+34.78	8.0	112	7826.94	4	3478.6	782.7	-	3478.6	-	7826.9
SB	402+97.16		451+65.53	8.0	112	4868.37	4	2163.7	486.8	-	2163.7	-	4868.4
TOTAL									7763.2	910.5	32682.2	76.5	75583.6
ROUND TO:									7,780.0	920.0	32,700.0	80.0	75,700.0

MODEL: \\MODELNAME  
 FILE NAME: \\FILENAME  
 PROJECT: \\PROJECT  
 DRAWING: \\DRAWING  
 SHEET: \\SHEET

USER NAME = CurtinCB	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 6/15/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULES OF QUANTITIES**

SCALE: SHEET 1 OF 7 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	13
CONTRACT NO. 70D07				
ILLINOIS FED. AID PROJECT				

# SCHEDULES OF QUANTITIES

## INLET AND PIPE PROTECTION

### PIPE CULVERTS

DIRECTION	STATION	OFFSET	INLET & PIPE PROTECTION 28000500
NB	74+41.00	38.91	1
NB	88+02.73	35.67	1
NB	93+47.19	33.78	1
NB	99+11.10	37.69	1
NB	102+25.65	29.56	1
NB	113+58.52	41.52	1
NB	120+86.37	32.99	1
NB	130+32.43	29.54	1
NB	135+16.02	29.15	1
NB	140+40.00	31.07	1
NB	146+62.32	32.51	1
NB	159+80.68	28.56	1
NB	160+46.87	28.63	1
NB	167+22.65	32.83	1
NB	172+97.50	36.51	1
NB	181+94.46	28.69	1
NB	182+01.57	28.64	1
NB	182+08.46	28.85	1
NB	189+01.32	36.03	1
NB	193+17.03	32.68	1
NB	196+50.76	33.18	1
NB	210+02.34	30.92	1
NB	216+68.27	34.51	1
NB	219+96.17	36.40	1
NB	230+51.16	30.63	1
NB	243+44.68	30.83	1
NB	259+81.41	43.84	1
NB	259+81.53	39.28	1
NB	268+87.39	22.85	1
NB	271+16.75	33.60	1
NB	271+16.58	36.90	1
NB	286+51.07	30.98	1
NB	293+38.14	23.43	1
NB	297+10.97	30.21	1
NB	303+91.12	22.43	1
NB	310+37.94	31.18	1
NB	319+53.17	29.63	1
NB	325+82.83	30.31	1
NB	336+93.83	34.62	1
SUB-TOTAL 1			39

DIRECTION	STATION	OFFSET	INLET & PIPE PROTECTION 28000500
NB	351+73.16	27.21	1
NB	355+87.83	27.22	1
NB	358+51.47	36.83	1
NB	359+99.23	31.95	1
NB	377+37.06	29.24	1
NB	382+39.43	37.77	1
NB	386+11.84	35.13	1
NB	394+31.40	32.83	1
NB	401+98.42	27.24	1
NB	402+82.95	39.65	1
NB	423+36.99	36.50	1
NB	428+17.07	29.02	1
NB	441+79.99	32.59	1
SB	73+48.40	-38.70	1
SB	80+86.56	-34.62	1
SB	103+89.04	-39.31	1
SB	104+60.86	-36.44	1
SB	112+30.54	-41.12	1
SB	114+80.79	-43.18	1
SB	120+20.41	-34.61	1
SB	123+62.89	-30.87	1
SB	179+77.82	-39.10	1
SB	189+69.86	-33.60	1
SB	197+05.08	-33.97	1
SB	209+95.45	-30.91	1
SB	223+47.37	-32.07	1
SB	230+53.09	-30.73	1
SB	243+44.41	-35.07	1
SB	277+17.67	-29.23	1
SB	290+62.41	-30.40	1
SB	296+78.80	-29.81	1
SB	310+27.52	-32.02	1
SB	313+08.91	-30.62	1
SB	314+68.57	-31.01	1
SB	326+49.94	-31.19	1
SB	329+09.01	-33.82	1
SB	331+60.37	-46.40	1
SB	433+66.41	-31.28	1
SUB-TOTAL 2			38

### BOX CULVERTS

DIRECTION	STATION	OFFSET	INLET & PIPE PROTECTION 28000500
NB	72+70.09	31.41	1
NB	86+41.58	37.39	1
NB	115+92.56	35.52	1
NB	154+15.93	24.21	1
NB	219+61.00	23.43	1
NB	249+76.47	22.35	1
NB	269+78.48	38.79	1
NB	330+63.33	32.47	1
SUB-TOTAL 3			8
SUB-TOTAL 2			38
SUB-TOTAL 1			39
GRAND TOTAL			85

### PERIMETER EROSION BARRIER

DIRECTION	STATION	TO	STATION	PERIMETER EROSION BARRIER 28000400
SB	329+53.24		331+23.66	170.4
SB	331+47.47		350+82.33	1934.9
SB	350+99.64		362+63.19	1163.6
SB	363+02.52		369+47.11	644.6
SB	369+86.61		402+19.97	3233.4
SB	403+07.42		420+91.87	1784.5
SB	421+42.12		422+53.02	110.9
SB	422+94.09		429+00.00	605.9
TOTAL				9,648.0
ROUND TO				9,650.0

### TEMPORARY DITCH CHECKS

DIRECTION	STATION	LENGTH OF DITCH CHECK (FT)	TEMPORARY DITCH CHECKS 28000305
SB	72+73.39	15.0	15.0
SB	85+96.69	15.0	15.0
SB	86+86.20	15.0	15.0
SB	102+26.33	15.0	15.0
SB	115+60.00	15.4	16.0
SB	116+20.00	19.1	20.0
SB	154+25.00	15.3	16.0
SB	154+85.00	15.4	16.0
SB	159+53.09	12.0	12.0
SB	160+80.00	12.4	13.0
SB	181+80.00	17.8	18.0
SB	182+20.00	15.2	16.0
SB	218+55.00	20.3	21.0
SB	219+55.00	23.4	24.0
SB	249+79.49	16.9	17.0
SB	268+65.00	17.1	18.0
SB	269+00.00	18.4	19.0
SB	293+20.00	16.5	17.0
SB	293+50.00	17.6	18.0
SB	303+71.67	19.1	20.0
SB	304+07.83	20.0	20.0
SB	428+91.17	15.6	16.0
ROUND TO			380.0

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USER NAME = CurtinCB	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 6/15/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>SCHEDULES OF QUANTITIES</b>			
SCALE:	SHEET 2	OF 7 SHEETS	STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	14
CONTRACT NO. 70D07				
		ILLINOIS	FED. AID PROJECT	

# SCHEDULES OF QUANTITIES

## PROPOSED ENTRANCE AND SIDE ROAD IMPROVEMENTS

DIRECTION	STATION	TYPE OF ENTRANCE	HMA THICKNESS (INCHES)	RATE (LBS/SQ FT)	HMA DENSITY (LBS/SQ YD/IN)	INCIDENTAL AREA (SQ FT)	AGG SURF CSE AREA (SQ FT)	LENGTH BACK ON SIDE ROADS (FOOT)	AGG SURF CSE THICKNESS (INCHES)	AGG. BASE COURSE, TYPE B 6" 35101800 (SQ YD)	AGG. SURF. COURSE, TYPE B 40200800 (TON)	BITUMINOUS MATERIALS (PRIME COAT) 40800025 (POUND)	BITUMINOUS MATERIALS (TACK COAT) 40800029 (POUND)	INCIDENTAL HMA SURFACING 40800050 (TON)
NB	74+25.53	FE	--	--	112	--	115.2	--	6.0	--	3.8	--	--	--
NB	78+25.13	MBTO	1.5	0.05	112	155.4	--	--	6.0	--	--	--	7.8	1.5
NB	80+82.19	MBTO	1.5	0.05	112	72.8	--	--	6.0	--	--	--	3.6	0.7
NB	87+85.99	PE/MBTO	1.5	0.05	112	245.4	149.4	--	6.0	--	5.0	--	12.3	2.3
NB	93+61.49	FE	--	--	112	--	100.9	--	6.0	--	3.4	--	--	--
NB	99+33.03	PE/MBTO	1.5	0.05	112	225.9	192.6	--	6.0	--	6.4	--	11.3	2.1
NB	106+30.38	2300 N	1.5	0.05	112	1833.9	--	50.7	6.0	--	--	--	91.7	17.1
NB	112+25.48	MBTO	1.5	0.05	112	105.3	--	--	6.0	--	--	--	5.3	1.0
NB	113+79.51	FE	--	--	112	--	126.7	--	6.0	--	4.2	--	--	--
NB	120+59.49	FE	--	--	112	--	304.9	--	6.0	--	10.2	--	--	--
NB	123+39.98	MBTO	1.5	0.05	112	99.2	--	--	6.0	--	--	--	5.0	0.9
NB	130+16.75	FE	--	--	112	--	187.8	--	6.0	--	6.3	--	--	--
NB	133+79.07	PE/MBTO	1.5	0.05	112	299.4	157.2	--	6.0	--	5.2	--	15.0	2.8
NB	135+34.51	FE	--	--	112	--	154.1	--	6.0	--	5.1	--	--	--
NB	140+57.92	FE	--	--	112	--	157.1	--	6.0	--	5.2	--	--	--
NB	146+78.60	FE	--	--	112	--	169.5	--	6.0	--	5.6	--	--	--
NB	155+24.67	PE/MBTO	1.5	0.05	112	310.3	182.2	--	6.0	--	6.1	--	15.5	2.9
NB	156+12.86	PE	1.5	0.05	112	245.3	--	--	6.0	--	--	--	12.3	2.3
NB	160+10.88	2400 N	1.5	0.05	112	1273.6	--	39.4	6.0	--	--	--	63.7	11.9
NB	167+03.00	PE/MBTO	1.5	0.05	112	467.1	231.8	--	6.0	--	7.7	--	23.4	4.4
NB	173+31.45	FE	--	--	112	--	167.3	--	6.0	--	5.6	--	--	--
NB	189+18.47	PE/MBTO	1.5	0.05	112	231.8	215.3	--	6.0	--	7.2	--	11.6	2.2
NB	192+98.22	SPUR	1.5	0.05	112	202.0	--	--	6.0	--	--	--	10.1	1.9
NB	196+67.11	FE	--	--	112	--	151.5	--	6.0	--	5.0	--	--	--
NB	209+86.79	PE/MBTO	1.5	0.05	112	285.7	117.3	--	6.0	--	3.9	--	14.3	2.7
NB	216+91.68	2550 N	1.5	0.05	112	1301.2	--	36.4	6.0	--	--	--	65.1	12.1
NB	230+32.84	FE	--	--	112	--	72.3	--	6.0	--	2.4	--	--	--
NB	243+68.80	FE	--	--	112	--	265.0	--	6.0	--	8.8	--	--	--
NB	260+03.78	FE	--	--	112	--	141.8	--	6.0	--	4.7	--	--	--
NB	269+97.02	2650 N	1.5	0.05	112	1198.4	--	34.1	6.0	--	--	--	59.9	11.2
NB	270+98.86	FE	--	--	112	--	162.9	--	6.0	--	5.4	--	--	--
NB	283+25.57	FE	--	--	112	--	192.7	--	6.0	--	6.4	--	--	--
NB	286+32.70	FE	--	--	112	--	149.5	--	6.0	--	5.0	--	--	--
NB	296+86.59	FE	--	--	112	--	230.0	--	6.0	--	7.7	--	--	--
NB	310+13.50	FE	--	--	112	--	329.1	--	6.0	--	11.0	--	--	--
NB	319+71.75	FE	--	--	112	--	124.3	--	6.0	--	4.1	--	--	--
NB	323+48.93	2750 N	1.5	0.05	112	2707.8	--	68.5	6.0	--	--	--	135.4	25.3
NB	325+10.13	PE	1.5	0.05	112	240.4	156.3	--	6.0	--	5.2	--	12.0	2.2
NB	325+99.25	FE	--	--	112	--	119.4	--	6.0	--	4.0	--	--	--
NB	336+75.60	FE	--	--	112	--	151.3	--	6.0	--	5.0	--	--	--
NB	350+05.92	2800 N	1.5	0.05	112	1193.2	--	36.0	6.0	--	--	--	59.7	11.1
NB	355+56.08	PE/MBTO	1.5	0.05	112	326.1	203.5	--	6.0	--	6.8	--	16.3	3.0
NB	358+68.33	PE	1.5	0.05	112	88.6	194.4	--	6.0	--	6.5	--	4.4	0.8
NB	369+57.39	MBTO	1.5	0.05	112	101.8	--	--	6.0	--	--	--	5.1	1.0
NB	376+75.44	PE/MBTO	1.5	0.05	112	537.2	175.5	--	6.0	--	5.8	--	26.9	5.0
NB	382+60.35	FE	--	--	112	--	134.8	--	6.0	--	4.5	--	--	--
NB	394+09.81	PE	1.5	0.05	112	165.9	124.7	--	6.0	--	4.2	--	8.3	1.5
NB	395+36.15	PE/MBTO	1.5	0.05	112	307.2	103.7	--	6.0	--	3.5	--	15.4	2.9
NB	402+63.05	2900 N	1.5	0.05	112	1095.5	--	39.7	6.0	--	--	--	54.8	10.2
NB	422+75.56	MBTO	1.5	0.05	112	116.6	--	--	6.0	--	--	--	5.8	1.1
NB	423+22.16	FE	--	--	112	--	172.8	--	6.0	--	5.8	--	--	--
NB	441+61.80	FE	--	--	112	--	163.6	--	6.0	--	5.5	--	--	--
NB	452+59.74	FE	--	--	112	--	239.5	--	6.0	--	8.0	--	--	--
<b>NB SUB-TOTAL</b>										<b>0</b>	<b>216.2</b>	<b>0</b>	<b>771.7</b>	<b>144.0</b>

MODEL: \\MODELNAME  
 FILE NAME: \\FILENAME  
 PROJECT: \\PROJECT  
 OFFICE: \\OFFICE  
 DATE: 6/15/2018

USER NAME = CurtinCB	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 6/15/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULES OF QUANTITIES**

SCALE: SHEET 3 OF 7 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	15
CONTRACT NO. 70D07				
ILLINOIS		FED. AID PROJECT		

# SCHEDULES OF QUANTITIES

## PROPOSED ENTRANCE AND SIDE ROAD IMPROVEMENTS

DIRECTION	STATION	TYPE OF ENTRANCE	HMA THICKNESS (INCHES)	RATE (LBS/SQ FT)	HMA DENSITY (LBS/SQ YD/IN)	INCIDENTAL AREA (SQ FT)	AGG SURF CSE AREA (SQ FT)	LENGTH BACK ON SIDE ROADS (FOOT)	AGG SURF CSE THICKNESS (INCHES)	AGG. BASE COURSE, TYPE B 6" 35101800 (SQ YD)	AGG. SURF. COURSE, TYPE B 40200800 (TON)	BITUMINOUS MATERIALS (PRIME COAT) 40800025 (POUND)	BITUMINOUS MATERIALS (TACK COAT) 40800029 (POUND)	INCIDENTAL HMA SURFACING 40800050 (TON)
SB	73+19.46	PE	1.5	0.05	112	53.6	96.8	--	6.0	--	3.2	--	2.7	0.5
SB	76+83.57	CE	2.5	0.25	112	269.4	277.1	--	6.0	36.4	9.2	67.4	--	4.2
SB	77+39.27	MBTO	1.5	0.05	112	297.7	--	--	6.0	--	--	--	14.9	2.8
SB	77+75.89	PE	1.5	0.05	112	--	103.1	--	6.0	--	3.4	--	--	--
SB	78+15.80	PE	1.5	0.05	112	181.0	--	--	6.0	--	--	--	9.0	1.7
SB	81+05.27	PE	1.5	0.05	112	213.8	188.7	--	6.0	--	6.3	--	10.7	2.0
SB	92+01.50	FE	--	--	112	--	148.3	--	6.0	--	4.9	--	--	--
SB	103+69.29	FE	--	--	112	--	236.6	--	6.0	--	7.9	--	--	--
SB	105+56.69	PE	1.5	0.05	112	--	--	--	6.0	--	--	--	--	--
SB	106+30.38	2300 N	1.5	0.05	112	1359.1	--	42.5	6.0	--	--	--	68.0	12.7
SB	112+49.11	PE	1.5	0.05	112	137.8	157.8	--	6.0	--	5.3	--	6.9	1.3
SB	115+00.00	FE	--	--	112	--	388.0	--	6.0	--	12.9	--	--	--
SB	119+92.87	FE	--	--	112	--	295.2	--	6.0	--	9.8	--	--	--
SB	123+39.98	PE	1.5	0.05	112	261.1	--	--	6.0	--	--	--	13.1	2.4
SB	133+52.37	FE	--	--	112	--	282.2	--	6.0	--	9.4	--	--	--
SB	160+10.88	2400 N	1.5	0.05	112	1002.4	--	37.7	6.0	--	--	--	50.1	9.4
SB	179+96.73	FE	--	--	112	--	137.8	--	6.0	--	4.6	--	--	--
SB	189+51.21	FE	--	--	112	--	165.5	--	6.0	--	5.5	--	--	--
SB	196+87.32	FE	--	--	112	--	153.5	--	6.0	--	5.1	--	--	--
SB	203+45.20	FE	--	--	112	--	288.3	--	6.0	--	9.6	--	--	--
SB	210+10.77	FE	--	--	112	--	135.4	--	6.0	--	4.5	--	--	--
SB	223+32.35	FE	--	--	112	--	161.4	--	6.0	--	5.4	--	--	--
SB	230+32.84	FE	--	--	112	--	146.2	--	6.0	--	4.9	--	--	--
SB	243+68.80	2600 N	1.5	0.05	112	1077.8	--	37.5	6.0	--	--	--	53.9	10.1
SB	276+99.03	FE	--	--	112	--	177.6	--	6.0	--	5.9	--	--	--
SB	282+77.81	PE	1.5	0.05	112	184.5	235.9	--	6.0	--	7.9	--	9.2	1.7
SB	290+45.44	FE	--	--	112	--	162.5	--	6.0	--	5.4	--	--	--
SB	296+96.41	FE	--	--	112	--	155.7	--	6.0	--	5.2	--	--	--
SB	310+10.78	FE	--	--	112	--	203.4	--	6.0	--	6.8	--	--	--
SB	312+90.42	FE	--	--	112	--	220.9	--	6.0	--	7.4	--	--	--
SB	314+52.54	FE	--	--	112	--	162.4	--	6.0	--	5.4	--	--	--
SB	323+48.93	2750 N	1.5	0.05	112	2688.9	--	61.1	6.0	--	--	--	134.4	25.1
SB	326+78.57	CE	1.5	0.05	112	320.8	398.0	--	6.0	--	13.3	--	16.0	3.0
SB	329+35.50	FE	--	--	112	--	274.5	--	6.0	--	9.1	--	--	--
SB	331+37.76	CE	2.5	0.25	112	200.3	228.7	--	6.0	27.4	7.6	50.1	--	3.1
SB	350+92.48	FE	--	--	112	--	151.1	--	6.0	--	5.0	--	--	--
SB	362+84.75	PE	1.5	0.05	112	233.8	152.8	--	6.0	--	5.1	--	11.7	2.2
SB	369+67.83	PE	1.5	0.05	112	221.9	182.6	--	6.0	--	6.1	--	11.1	2.1
SB	402+63.05	2900 N	1.5	0.05	112	1071.1	--	38.4	6.0	--	--	--	53.6	10.0
SB	421+18.17	FE	--	--	112	--	435.9	--	6.0	--	14.5	--	--	--
SB	422+75.56	PE	1.5	0.05	112	271.7	172.2	--	6.0	--	5.7	--	13.6	2.5
SB	433+49.31	FE	--	--	112	--	62.9	--	6.0	--	2.1	--	--	--
<b>SB SUB-TOTAL</b>										63.8	224.6	117.4	478.9	96.7
<b>NB SUB-TOTAL</b>										0	216.2	0	771.7	144.0
<b>TOTAL</b>										63.8	440.9	117.4	1,250.5	240.7
<b>ROUND TO</b>										65.0	450.0	120.0	1,260.0	250.0

NOTES  
 AGG. SURFACE COURSE IS ESTIMATED BASED ON 1.8 TONS PER CU YD  
 AREAS MEASURED FROM CADD

MODEL: \\MODELNAME  
 FILE NAME: \\FILENAME  
 PROJECT: \\PROJECT  
 CADD: \\CADD  
 DATE: 6/15/2018

# SCHEDULES OF QUANTITIES

## ENTRANCE AND SIDE ROAD REMOVALS

DIRECTION	STATION	TYPE OF ENTRANCE	AREA TO BE REMOVED VIA HMA SURF REM 1 1/2" (SQ FT)	AREA TO BE REMOVED VIA HMA SURF REM SPL (SQ FT)	HMA SURFACE REMOVAL, 1 1/2" 44000155 (SQ YD)	HMA SURFACE REMOVAL, SPECIAL X4400196
NB	74+25.53	FE	--	--	--	--
NB	78+25.13	MBTO	--	155.4	--	17.3
NB	80+82.19	MBTO	--	72.8	--	8.1
NB	87+85.99	PE/MBTO	--	245.4	--	27.3
NB	93+61.49	FE	--	--	--	--
NB	99+33.03	PE/MBTO	--	225.9	--	25.1
NB	106+30.38	2300 N	1833.9	--	203.8	--
NB	112+25.48	MBTO	--	105.3	--	11.7
NB	113+79.51	FE	--	--	--	--
NB	120+59.49	FE	--	--	--	--
NB	123+39.98	MBTO	--	99.2	--	11.0
NB	130+16.75	FE	--	--	--	--
NB	133+79.07	PE/MBTO	--	299.4	--	33.3
NB	135+34.51	FE	--	--	--	--
NB	140+57.92	FE	--	--	--	--
NB	146+78.60	FE	--	--	--	--
NB	155+24.67	PE/MBTO	--	310.3	--	34.5
NB	156+12.86	PE	--	245.3	--	27.3
NB	160+10.88	2400 N	1273.6	--	141.5	--
NB	167+03.00	PE/MBTO	--	467.1	--	51.9
NB	173+31.45	FE	--	--	--	--
NB	189+18.47	PE/MBTO	--	231.8	--	25.8
NB	192+98.22	SPUR	--	202.0	--	22.4
NB	196+67.11	FE	--	--	--	--
NB	209+86.79	PE/MBTO	--	285.7	--	31.7
NB	216+91.68	2550 N	1301.2	--	144.6	--
NB	230+32.84	FE	--	--	--	--
NB	243+68.80	FE	--	--	--	--
NB	260+03.78	FE	--	--	--	--
NB	269+97.02	2650 N	1198.4	--	133.2	--
NB	270+98.86	FE	--	--	--	--
NB	283+25.57	FE	--	--	--	--
NB	286+32.70	FE	--	--	--	--
NB	296+86.59	FE	--	--	--	--
NB	310+13.50	FE	--	--	--	--
NB	319+71.75	FE	--	--	--	--
NB	323+48.93	2750 N	2707.8	--	300.9	--
NB	325+10.13	PE	--	240.4	--	26.7
NB	325+99.25	FE	--	--	--	--
NB	336+75.60	FE	--	--	--	--
NB	350+05.92	2800 N	1193.2	--	132.6	--
NB	355+56.08	PE/MBTO	--	326.1	--	36.2
NB	358+68.33	PE	--	88.6	--	9.8
NB	369+57.39	MBTO	--	101.8	--	11.3
NB	376+75.44	PE/MBTO	--	537.2	--	59.7
NB	382+60.35	FE	--	--	--	--
NB	394+09.81	PE	--	165.9	--	18.4
NB	395+36.15	PE/MBTO	--	307.2	--	34.1
NB	402+63.05	2900 N	1095.5	--	121.7	--
NB	422+75.56	MBTO	--	116.6	--	13.0
NB	423+22.16	FE	--	--	--	--
NB	441+61.80	FE	--	--	--	--
NB	452+59.74	FE	--	--	--	--
<b>NB SUB-TOTAL</b>					<b>1,178.2</b>	<b>536.6</b>

## ENTRANCE AND SIDE ROAD REMOVALS

DIRECTION	STATION	TYPE OF ENTRANCE	AREA TO BE REMOVED VIA HMA SURF REM 1 1/2" (SQ FT)	AREA TO BE REMOVED VIA HMA SURF REM SPL (SQ FT)	HMA SURFACE REMOVAL, 1 1/2" 44000155 (SQ YD)	HMA SURFACE REMOVAL, SPECIAL X4400196
SB	73+19.46	PE	--	53.6	--	6.0
SB	76+83.57	CE	--	--	--	--
SB	77+39.27	MBTO	--	297.7	--	33.1
SB	77+75.89	PE	--	--	--	--
SB	78+15.80	PE	--	181.0	--	20.1
SB	81+05.27	PE	--	213.8	--	23.8
SB	92+01.50	FE	--	--	--	--
SB	103+69.29	FE	--	--	--	--
SB	105+56.69	PE	--	--	--	0.0
SB	106+30.38	2300 N	1359.1	--	151.0	--
SB	112+49.11	PE	--	137.8	--	15.3
SB	115+00.00	FE	--	--	--	--
SB	119+92.87	FE	--	--	--	--
SB	123+39.98	PE	--	261.1	--	29.0
SB	133+52.37	FE	--	--	--	--
SB	160+10.88	2400 N	1002.4	--	111.4	--
SB	179+96.73	FE	--	--	--	--
SB	189+51.21	FE	--	--	--	--
SB	196+87.32	FE	--	--	--	--
SB	203+45.20	FE	--	--	--	--
SB	210+10.77	FE	--	--	--	--
SB	223+32.35	FE	--	--	--	--
SB	230+32.84	FE	--	--	--	--
SB	243+68.80	2600 N	1077.8	--	119.8	--
SB	276+99.03	FE	--	--	--	--
SB	282+77.81	PE	--	184.5	--	20.5
SB	290+45.44	FE	--	--	--	--
SB	296+96.41	FE	--	--	--	--
SB	310+10.78	FE	--	--	--	--
SB	312+90.42	FE	--	--	--	--
SB	314+52.54	FE	--	--	--	--
SB	323+48.93	2750 N	2688.9	--	298.8	--
SB	326+78.57	CE	--	320.8	--	35.6
SB	329+35.50	FE	--	--	--	--
SB	331+37.76	CE	--	--	--	--
SB	350+92.48	FE	--	--	--	--
SB	362+84.75	PE	--	233.8	--	26.0
SB	369+67.83	PE	--	221.9	--	24.7
SB	402+63.05	2900 N	1071.1	--	119.0	--
SB	421+18.17	FE	--	--	--	--
SB	422+75.56	PE	--	271.7	--	30.2
SB	433+49.31	FE	--	--	--	--
<b>SB SUB-TOTAL</b>					<b>799.9</b>	<b>264.2</b>
<b>NB SUB-TOTAL</b>					<b>1,178.2</b>	<b>536.6</b>
<b>TOTAL</b>					<b>1,978.1</b>	<b>800.8</b>
<b>ROUND TO:</b>					<b>1,980.0</b>	<b>800.0</b>

NOTES  
AREAS MEASURED FROM CADD

MODEL: \\MODELNAME  
FILE: \\NAME.PLOT\PROJECTS\0570007\CADDData\CAD\Sheet\0570007-SHC-schedules.dgn

USER NAME = CurtinCB	DESIGNED -	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 6/15/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULES OF QUANTITIES**

SCALE: SHEET 5 OF 7 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	17
CONTRACT NO. 70D07				
ILLINOIS FED. AID PROJECT				

# SCHEDULES OF QUANTITIES

## GUARDRAIL

LOCATION DESCRIPTION	CL STATION	OFFSET FROM EDGE OF HMA SHOULDER (FOOT)	STEEL PLATE BEAM GUADRAIL, TYPE A, 6 FOOT POSTS 63000001 (FOOT)	LONG-SPAN GUARDRAIL OVER CULVERT, 12 FT 6IN SPAN 63000350	LONG-SPAN GUARDRAIL OVER CULVERT, 25 FT SPAN 63000370 (FOOT)	TRAFFIC BARRIER TERMINAL, TYPE 2 63100045 (EACH)	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT 63100167 (EACH)	GUARDRAIL REMOVAL 63200310 (FOOT)	TERMINAL MARKER - DIRECT APPLIED 72501000 (EACH)	TERMINAL MARKER- POST MOUNTED 72501100 (EACH)	GUARDRAIL RELECTORS, TYPE A 78200005 (EACH)	STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS) X6330725 (FOOT)	RADIUS RETURN (FOOT)
SN 092-8325 - NB	219+39.06	2.0	100.0	0.0	50.0	0	2	0.0	2	0	4	0.0	--
SN 092-8325 - SB	219+39.06	2.0	100.0	0.0	50.0	0	2	0.0	2	0	4	0.0	--
SN 092-8050 - NB	249+79.33	2.0	100.0	37.5	0.0	0	2	0.0	2	0	4	0.0	--
SN 092-8050 - SB	249+79.33	2.0	100.0	37.5	0.0	0	2	0.0	2	0	4	0.0	--
SN 092-8609 - NB	330+35.74	2.0	137.5	0.0	50.0	0	2	187.8	2	0	4	0.0	--
SN 092-8609 - SB	330+35.74	2.0	50.0	0.0	50.0	1	1	181.6	1	1	4	25.0	15
PE - SW QUAD	369+67.83	2.0	50.0	0.0	0.0	1	1	139.4	1	1	4	25.0	15
PE - NW QUAD	369+67.83	2.0	112.5	0.0	0.0	1	1	137.9	1	1	4	25.0	15
CR 2900 N - SE QUAD	402+63.05	2.0	100.0	0.0	0.0	0	2	212.9	2	1	4	62.5	35
CR 2900 N - NE QUAD	402+63.05	2.0	25.0	0.0	0.0	0	2	211.5	2	1	4	62.5	35
CR 2900 N - SW QUAD	402+63.05	2.0	25.0	0.0	0.0	0	2	214.4	2	1	4	62.5	35
CR 2900 N - NW QUAD	402+63.05	2.0	75.0	0.0	0.0	0	2	212.8	2	1	4	62.5	35
PE - SW QUAD	422+75.56	2.0	62.5	0.0	0.0	1	1	125.9	1	1	4	25.0	15
PE - NW QUAD	422+75.56	2.0	112.5	0.0	0.0	1	1	123.7	1	1	4	25.0	15
TOTAL			1150.0	75.0	200.0	5	23	1,750.0	23	9	56	375.0	--

## GUTTER REMOVAL

DIRECTION	STATION	TO	STATION	LENGTH (FOOT)	AREA TO BE FILLED (SQ FT)	SUBBASE GRANULAR MATERIAL, TYPE C 31101900 (TON)	GUTTER REMOVAL 44000400 (FOOT)
SB	77+50.00		77+97.00	47	0.50	1.6	47.0
SB	78+33.00		79+50.00	117	0.50	3.9	117.0
NB	133+50.00		133+60.00	10	0.50	0.3	10.0
NB	133+96.00		134+50.00	54	0.50	1.8	54.0
NB	154+70.00		155+08.00	38	0.50	1.3	38.0
NB	155+44.00		155+99.00	55	0.50	1.8	55.0
NB	156+35.00		156+80.00	45	0.50	1.5	45.0
NB	323+56.00		324+90.00	134	0.50	4.5	134.0
NB	325+30.00		325+43.00	13	0.50	0.4	13.0
TOTAL						17.1	513.0
USE						20.0	515.0

SUBBASE GRANULAR MATERIAL ESTIMATED BASED ON 1.8 TONS/CU YD

## GUARDRAIL LENGTH OF NEED

LOCATION DESCRIPTION	LENGTH OF NEED POINTS			
	STATION	OFFSET	STATION	OFFSET
SN 092-8325 - NB	218+24.70	17.15	220+50.50	17.05
SN 092-8325 - SB	218+30.60	17.14	220+55.57	17.15
SN 092-8050 - NB	248+47.30	16.63	250+54.39	16.78
SN 092-8050 - SB	249+04.27	17.35	251+16.77	16.97
SN 092-8609 - NB	329+22.79	16.98	331+83.94	17.19
SN 092-8609 - SB	329+54.07	26.69	330+99.06	16.97
PE - SW QUAD	368+73.72	17.21	369+60.30	59.95
PE - NW QUAD	369+80.35	59.69	371+34.02	16.91
CR 2900 N - SE QUAD	400+79.64	16.72	402+43.62	89.32
CR 2900 N - NE QUAD	402+70.63	85.34	403+70.85	17.07
CR 2900 N - SW QUAD	401+57.54	17.20	402+54.25	99.12
CR 2900 N - NW QUAD	402+77.96	98.69	404+41.57	16.99
PE - SW QUAD	421+80.69	17.30	422+68.22	56.62
PE - NW QUAD	422+85.18	58.04	424+37.29	17.09

MODEL: \\MODELNAME  
 FILE NAME: \\FILENAME  
 PROJECT: \\PROJECT  
 OFFICE: \\OFFICE  
 DRAWING: \\DRAWING  
 SHEET: \\SHEET

USER NAME = CurtinCB	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 6/15/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

### SCHEDULES OF QUANTITIES

SCALE: SHEET 6 OF 7 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	18
CONTRACT NO. 70D07				
ILLINOIS FED. AID PROJECT				

# SCHEDULES OF QUANTITIES

## SEEDING

DIRECTION	STATION	TO	STATION	AREA (ACRE)	SEEDING, CLASS 2A 25000210	NITROGEN FERT. NUTRIENT 25000400	PHOSPHOROUS FERT. NUTRIENT 25000500	POTASSIUM FERT. NUTRIENT 25000600	MULCH, METHOD 3 25100125	TEMPORARY EROSION CONTROL SEEDING 28000250
NB	69+37.90		117+00.00	0.657	0.7	59.1	59.1	59.1	0.7	656.8
NB	117+00.00		165+00.00	0.619	0.6	55.7	55.7	55.7	0.6	619.0
NB	165+00.00		213+00.00	0.696	0.7	62.7	62.7	62.7	0.7	696.3
NB	213+00.00		261+00.00	0.769	0.8	69.2	69.2	69.2	0.8	768.8
NB	261+00.00		309+00.00	0.696	0.7	62.6	62.6	62.6	0.7	695.8
NB	309+00.00		357+00.00	0.753	0.8	67.7	67.7	67.7	0.8	752.7
NB	357+00.00		405+00.00	0.737	0.7	66.3	66.3	66.3	0.7	737.0
NB	405+00.00		452+74.45	0.870	0.9	78.3	78.3	78.3	0.9	869.8
SB	69+10.81		117+00.00	0.581	0.6	52.3	52.3	52.3	0.6	580.6
SB	117+00.00		165+00.00	0.695	0.7	62.5	62.5	62.5	0.7	694.9
SB	165+00.00		213+00.00	0.704	0.7	63.3	63.3	63.3	0.7	703.6
SB	213+00.00		261+00.00	0.720	0.7	64.8	64.8	64.8	0.7	719.5
SB	261+00.00		309+00.00	0.657	0.7	59.2	59.2	59.2	0.7	657.3
SB	309+00.00		357+00.00	0.721	0.7	64.9	64.9	64.9	0.7	720.9
SB	357+00.00		405+00.00	0.908	0.9	81.7	81.7	81.7	0.9	907.8
SB	405+00.00		451+65.53	0.708	0.7	63.7	63.7	63.7	0.7	708.3
ROUND TO:					11.5	1,035.0	1,035.0	1,035.0	11.5	11,500.0

## SHOULDER RUMBLE STRIPS

DIRECTION	STATION	TO	STATION	SHOULDER RUMBLE STRIP 8" 64200108 (FOOT)
NB	69+37.90		74+17.02	479.1
NB	74+33.34		77+90.59	357.3
NB	78+60.08		80+67.23	207.2
NB	80+83.94		87+67.36	683.4
NB	88+38.49		93+57.14	518.7
NB	93+69.14		99+12.40	543.3
NB	99+71.52		105+85.46	613.9
NB	106+77.89		111+81.42	503.5
NB	112+54.44		113+72.65	118.2
NB	113+85.30		120+44.61	659.3
NB	120+75.02		123+00.42	225.4
NB	123+69.00		130+06.07	637.1
NB	130+23.49		133+17.76	294.3
NB	134+68.31		135+27.50	59.2
NB	135+49.04		140+49.48	500.4
NB	140+65.63		146+70.28	604.7
NB	146+86.91		155+08.42	821.5
NB	155+76.57		155+95.20	18.6
NB	156+31.16		159+69.72	338.6
NB	160+55.84		168+62.08	806.2
NB	167+53.03		173+21.59	568.6
NB	173+38.30		189+16.04	1577.7
NB	189+70.59		192+79.25	308.7
NB	193+15.58		196+59.80	344.2
NB	196+75.82		209+65.98	1290.2
NB	210+32.75		216+56.83	624.1
NB	217+87.11		230+24.24	1237.1
NB	230+40.61		243+37.18	1296.6
NB	243+82.79		259+96.21	1613.4
NB	260+10.59		269+59.60	949.0
NB	270+36.73		270+91.38	54.7
NB	271+07.91		283+15.82	1207.9
NB	283+35.30		286+26.23	290.9
NB	286+41.01		296+75.96	1035.0
NB	296+98.87		309+96.36	1297.5
NB	310+29.28		319+65.20	935.9
NB	319+77.84		322+63.56	285.7
NB	324+03.42		324+89.81	86.4
NB	325+25.94		325+93.43	67.5
NB	326+04.49		336+67.03	1062.5
NB	336+83.40		349+71.11	1287.7
NB	350+41.68		355+30.36	488.7
NB	356+19.50		358+50.78	231.3
NB	358+88.56		369+18.63	1030.1
NB	369+82.08		376+56.55	674.5
NB	377+67.96		382+53.97	486.0
NB	382+67.44		393+91.09	1123.6
NB	394+25.91		395+20.93	95.0
NB	395+89.75		402+14.29	624.5
NB	403+04.40		422+35.92	1931.5
NB	423+05.46		423+11.88	6.4
NB	423+29.42		441+52.51	1823.1
NB	441+70.89		452+48.01	1077.1
NB SUB-TOTAL				36,002.9

DIRECTION	STATION	TO	STATION	SHOULDER RUMBLE STRIP 8" 64200108 (FOOT)
SB	69+10.81		73+08.70	397.9
SB	73+30.82		76+58.39	327.6
SB	77+11.97		77+20.05	8.1
SB	78+33.49		80+87.32	253.8
SB	81+02.69		91+94.28	1091.6
SB	92+05.24		103+62.99	1157.8
SB	103+76.83		105+12.51	135.7
SB	106+75.78		112+08.66	532.9
SB	112+64.69		114+80.64	215.9
SB	115+21.81		119+77.59	455.8
SB	120+08.64		123+18.26	309.6
SB	123+58.19		133+36.35	978.2
SB	133+64.27		159+68.57	2604.3
SB	160+56.21		179+90.17	1934.0
SB	180+00.85		189+43.98	943.1
SB	189+60.40		196+78.52	718.1
SB	196+94.66		203+31.29	636.6
SB	203+60.65		210+03.50	642.8
SB	210+17.34		223+23.28	1305.9
SB	223+36.10		230+26.06	690.0
SB	230+40.81		243+33.21	1292.4
SB	244+11.69		276+89.91	3278.2
SB	276+98.40		282+49.93	551.5
SB	283+07.49		290+37.62	730.1
SB	290+53.73		296+88.86	635.1
SB	297+04.45		309+98.74	1294.3
SB	310+19.65		312+89.53	269.9
SB	313+02.22		314+43.15	140.9
SB	314+60.60		322+87.69	827.1
SB	324+32.88		326+46.87	214.0
SB	327+82.70		329+24.39	141.7
SB	329+53.24		331+23.66	170.4
SB	331+47.47		350+82.33	1934.9
SB	350+99.64		362+63.19	1163.6
SB	363+02.52		369+47.11	644.6
SB	369+86.61		402+19.97	3233.4
SB	403+07.42		420+91.87	1784.5
SB	421+42.12		422+53.02	110.9
SB	422+94.09		433+38.43	1044.3
SB	433+39.29		451+65.53	1826.2
SB SUB-TOTAL				36,627.7
NB SUB-TOTAL				36,002.9
TOTAL				72,630.6
ROUND TO				72,650.0

MODEL: \\MODELNAME  
 FILE NAME: \\FILENAME  
 PROJECT: \\PROJECT  
 CADD: \\CADD  
 SHEET: \\SHEET

USER NAME = CurtinCB	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 6/15/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULES OF QUANTITIES**

SCALE: SHEET 7 OF 7 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	19
CONTRACT NO. 70D07				
		ILLINOIS	FED. AID PROJECT	

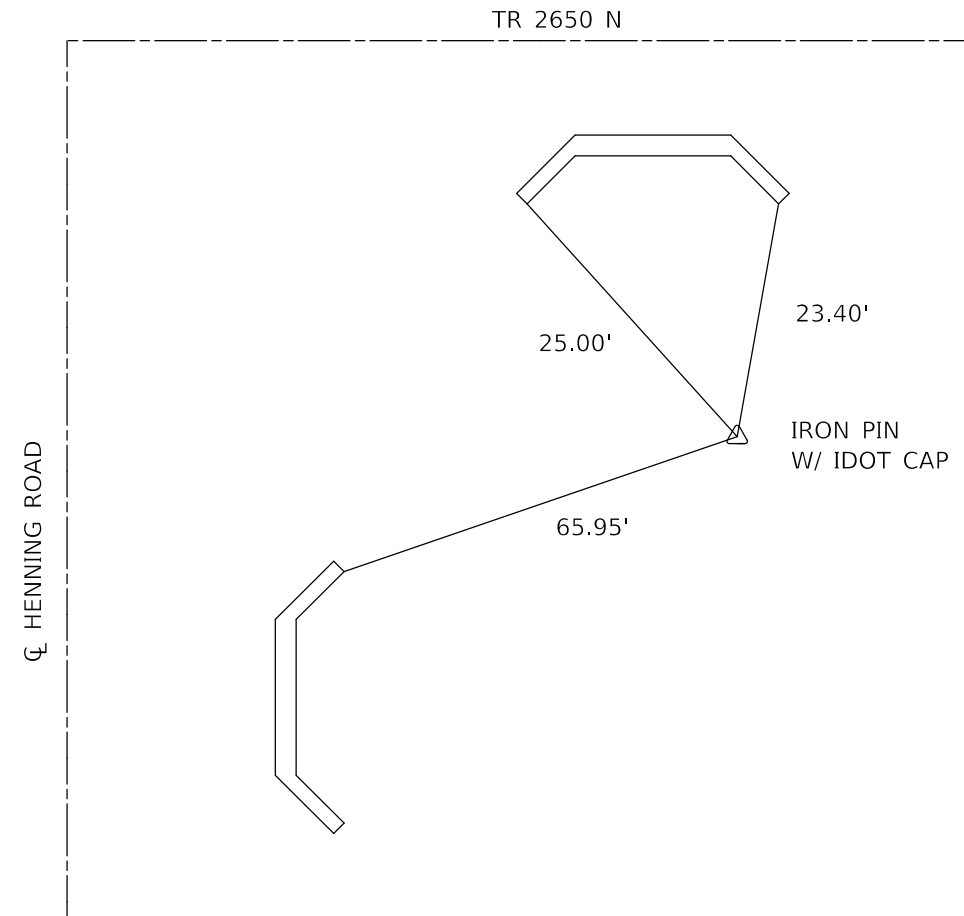
TIE POINTS

POINT #	NORTHING	EASTING	STATION	OFFSET	CODE	DESCRIPTION
SWR17	1283548.237	1161903.995	52+66.51	0.00	820	PI
SWR22	1288912.914	1161829.827	106+31.70	0.00	820	PI
SWR58	1289580.922	1161819.661	112+99.79	0.00	820	PI
SWR53	1290292.45	1161808.256	120+11.40	0.00	820	PI
SWR23	1291634.749	1161786.852	133+53.87	0.00	820	PI
SWR24	1293474.169	1161759.883	151+93.49	0.00	820	PI
PCCURV38	1295208.376	1161725.272	169+28.04	0.00	816	PC
SWR38	1295722.386	1161715.014	174+40.41	25.94	820	PI
PTCURV38	1296223.926	1161602.012	179+52.79	0.00	835	PT
PCCURV39	1296746.134	1161484.353	184+88.08	0.00	816	PC
SWR39	1297240.714	1161372.919	189+93.47	-24.56	820	PI
PTCURV39	1297747.493	1161358.733	194+98.87	0.00	835	PT
PCCURV90	1299336.041	1161314.266	210+88.04	0.00	816	PC
90	1299945.841	1161297.196	216+98.07	-1.80	820	PI
PTCURV90	1300555.8	1161287.325	223+08.10	0.00	835	PT
63	1302618.247	1161253.946	243+70.82	0.00	820	PI
66	1305275.858	1161215.537	270+28.71	0.00	820	PI
69	1307934.125	1161170.719	296+87.35	0.00	820	PI
PCCURV91	1313079.264	1161107.527	348+32.88	0.00	816	PC
91	1313645.891	1161100.568	353+99.54	1.39	820	PI
PTCURV91	1314212.423	1161088.044	359+66.21	0.00	835	PT
PCCURV92	1318050.866	1161003.194	398+05.59	0.00	816	PC
92	1318505.785	1160993.138	402+60.59	3.02	820	PI
PTCURV92	1318960.278	1160971.025	407+15.60	0.00	835	PT
105	1323712.88	1160739.789	454+73.82	0.00	200	SECTION CORNER VAULT

BENCHMARK

PT NUMBER	NORTHING	EASTING	STATION	OFFSET	ELEVATION	CODE	DESCRIPTION
500	1305201.700	1161265.259	269+53.84	48.65	672.372	103	BENCHMARK

TS 500  
STA 269+53.84 48.65' RT  
ELEVATION = 672.372



\*CORNERS OF HEADWALLS  
FOR ALL TIES

SECTION CORNERS

PT NUMBER	NORTHING	EASTING	STATION	OFFSET	CODE	DESCRIPTION
100	1286232.801	1161866.868	79+51.33	-0.01	200	SECTION CORNER
101	1288912.895	1161829.793	106+31.68	-0.03	200	SECTION CORNER
102	1291634.771	1161786.829	133+53.90	-0.02	200	SECTION CORNER
103	1310594.695	1161139.136	323+48.11	1.09	200	SECTION CORNER
104	1313254.203	1161107.403	350+07.80	2.16	200	SECTION CORNER
105	1323712.880	1160739.789	454+73.82	0.00	200	SECTION CORNER

MODEL: \\MODELNAME  
 FILE NAME: \\FILENAME  
 PROJECT: \\PROJECT  
 DRAWING: \\DRAWING  
 DATE: 6/15/2018

USER NAME = CurtinCB	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 6/15/2018	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

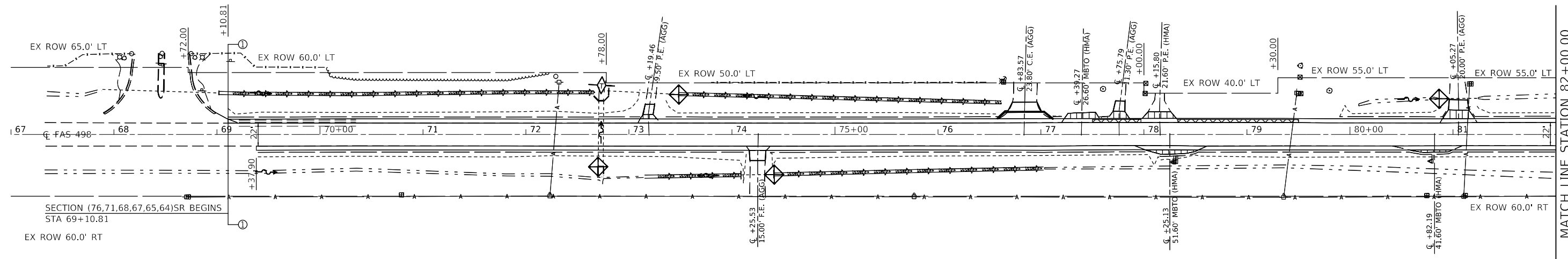
ALIGNMENT, TIE POINTS,  
& BENCHMARKS

SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	20
CONTRACT NO. 70D07				
ILLINOIS FED. AID PROJECT				

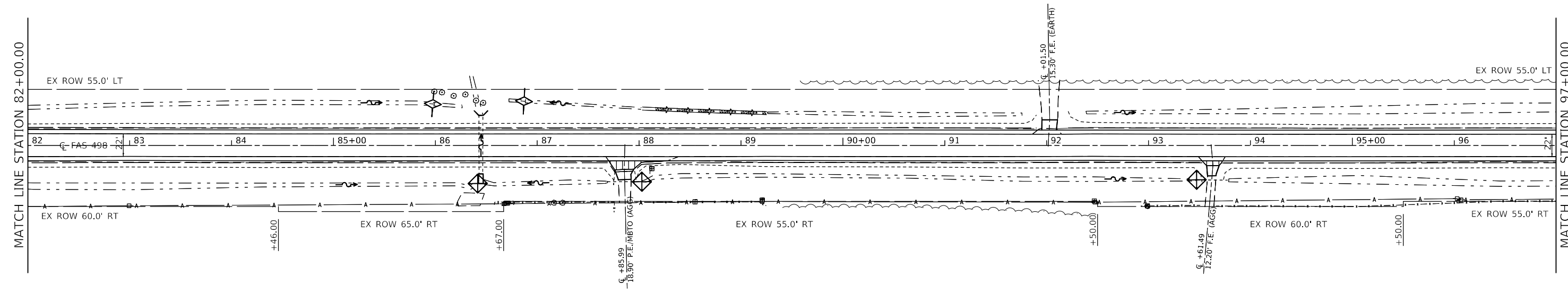


SEC 15, T20 N, R12 W, 2ND PM



SEC 14, T20 N, R12 W, 2ND PM

SEC 15, T20 N, R12 W, 2ND PM



- HOT-MIX ASPHALT REMOVAL, 1 1/2"
- HOT-MIX ASPHALT REMOVAL, SPECIAL
- GUTTER REMOVAL

SEC 14, T20 N, R12 W, 2ND PM

MODEL: \\MODELNAME; FILE: \\NAME; PROJECT: \\PROJECT; OFFICE: \\OFFICE; DRAWING: \\DRAWING; DATE: 6/21/2018

USER NAME = cealockjd	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 6/21/2018	DATE -	REVISED -

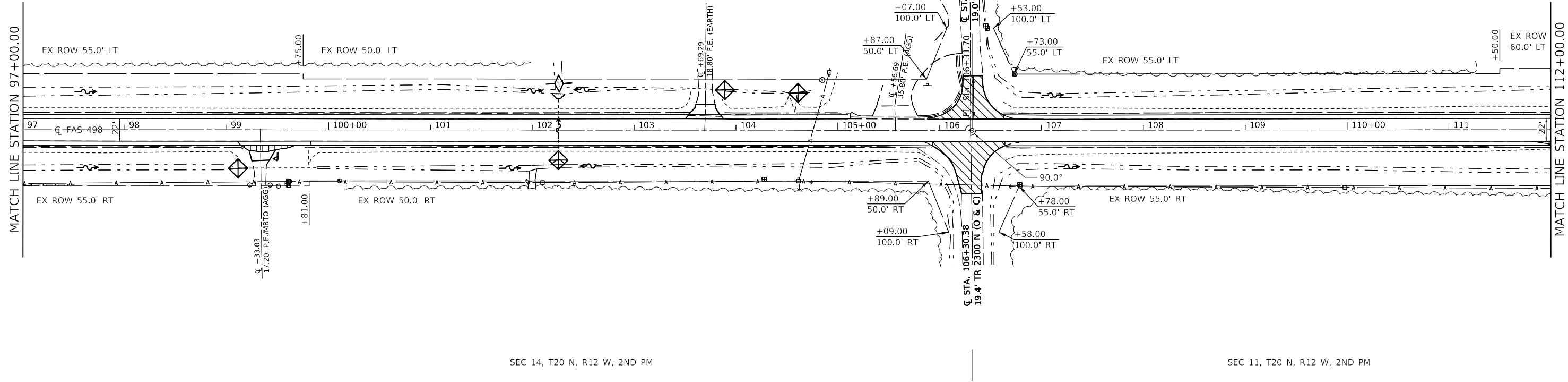
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**HENNING RD - PLAN SHEETS**  
SCALE: SHEET 1 OF 13 SHEETS STA. 67+00 TO STA. 97+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	21
CONTRACT NO. 70D07				
ILLINOIS FED. AID PROJECT				

SEC 15, T20 N, R12 W, 2ND PM

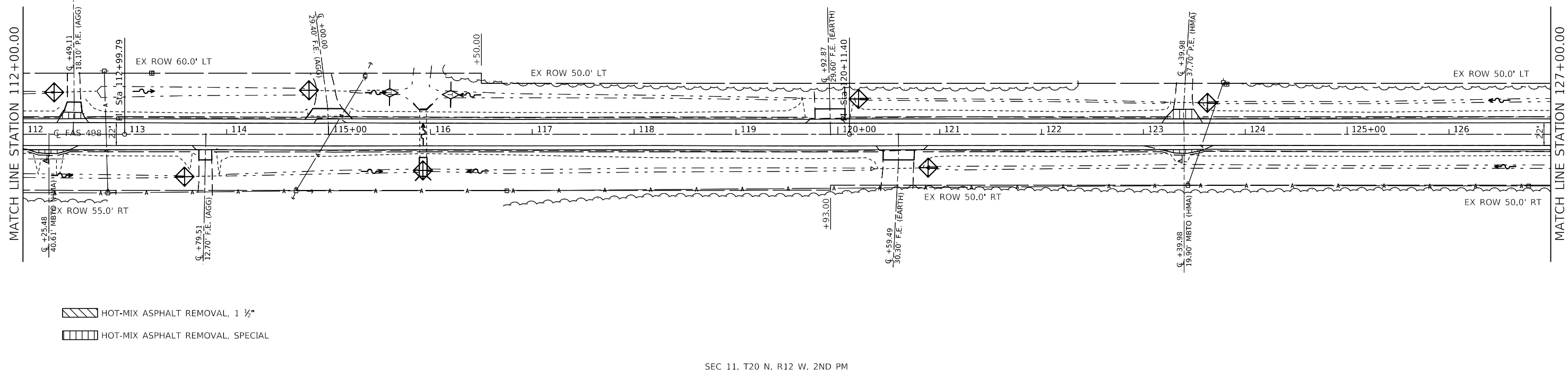
SEC 10, T20 N, R12 W, 2ND PM



SEC 14, T20 N, R12 W, 2ND PM

SEC 11, T20 N, R12 W, 2ND PM

SEC 10, T20 N, R12 W, 2ND PM



- HOT-MIX ASPHALT REMOVAL, 1 1/2"
- HOT-MIX ASPHALT REMOVAL, SPECIAL

SEC 11, T20 N, R12 W, 2ND PM

MODEL: \\MODELNAME  
FILE: \\NAME: \\PROJECTS\0570007\CADD\DATA\CAD\sheet\0570007-shc-plan.dgn

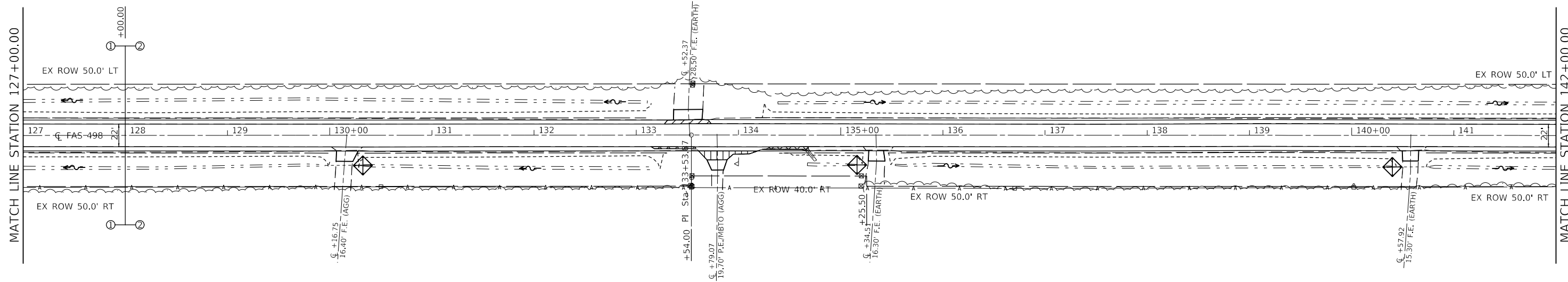
USER NAME = CurtinCB	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 6/15/2018	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**HENNING RD - PLAN SHEETS**  
SCALE: SHEET 2 OF 13 SHEETS STA. 97+00 TO STA. 127+00

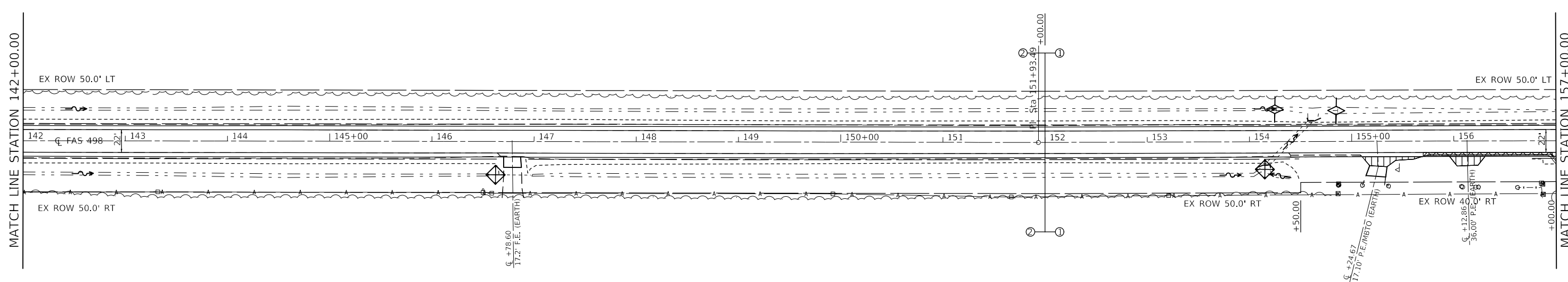
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	22
CONTRACT NO. 70D07				
ILLINOIS FED. AID PROJECT				

SEC 10, T20 N, R12 W, 2ND PM



SEC 11, T20 N, R12 W, 2ND PM

SEC 10, T20 N, R12 W, 2ND PM



- HOT-MIX ASPHALT REMOVAL, 1 1/2"
- HOT-MIX ASPHALT REMOVAL, SPECIAL
- GUTTER REMOVAL

SEC 11, T20 N, R12 W, 2ND PM

MODEL: \\MODELNAME  
 FILE: \\NAME.Plot\\PROJECT\\PROJECTNAME\\PROJECTNAME\\PROJECTNAME\\PROJECTNAME\\PROJECTNAME.dgn

USER NAME = CurtinCB	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 6/15/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

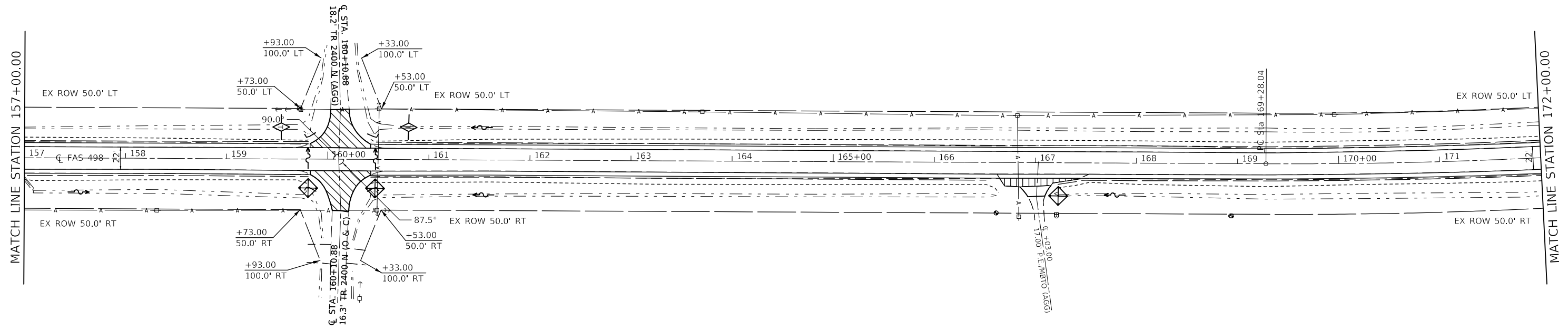
**HENNING RD - PLAN SHEETS**

SCALE: SHEET 3 OF 13 SHEETS STA. 127+00 TO STA. 157+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	23
CONTRACT NO. 70D07				
ILLINOIS FED. AID PROJECT				

SEC 10, T20 N, R12 W, 2ND PM

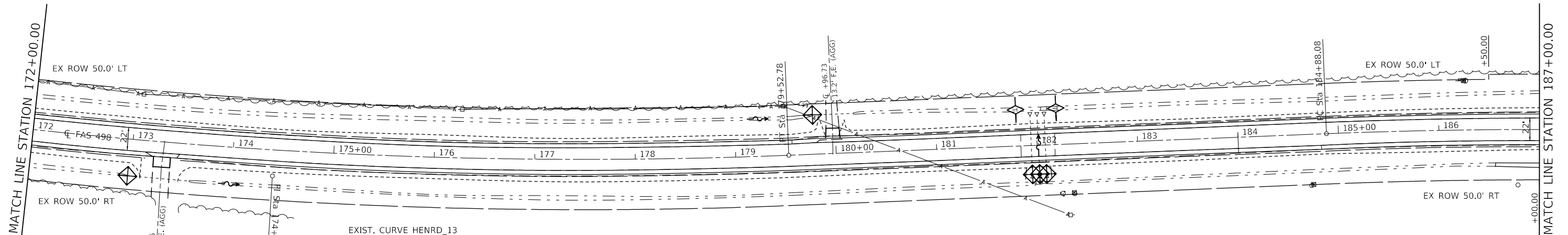
SEC 3, T20 N, R12 W, 2ND PM



SEC 11, T20 N, R12 W, 2ND PM

SEC 2, T20 N, R12 W, 2ND PM

SEC 3, T20 N, R12 W, 2ND PM



EXIST. CURVE HENRD\_13  
 PI STA. = 174+42.16  
 $\Delta$  = 11° 33' 14" (LT)  
 D = 1° 07' 39"  
 R = 5,081.65'  
 T = 514.11'  
 L = 1,024.74'  
 E = 25.94'  
 e = \_\_\_\_\_  
 T.R. = \_\_\_\_\_  
 S.E. RUN = \_\_\_\_\_  
 P.C. STA. = 169+28.04  
 P.T. STA. = 179+52.78

- HOT-MIX ASPHALT REMOVAL, 1 1/2"
- HOT-MIX ASPHALT REMOVAL, SPECIAL

SEC 2, T20 N, R12 W, 2ND PM

MODEL: \\MODEL\NAME: FILE: \\NAME: PROJECT: 70D07\PROJECTS\70D07\CADD\DATA\CAD\sheet\DS70D07-shc-plan.dgn

USER NAME = cearlojd	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 6/21/2018	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>HENNING RD - PLAN SHEETS</b>			
SCALE:	SHEET 4	OF 13 SHEETS	TO STA. 187+00

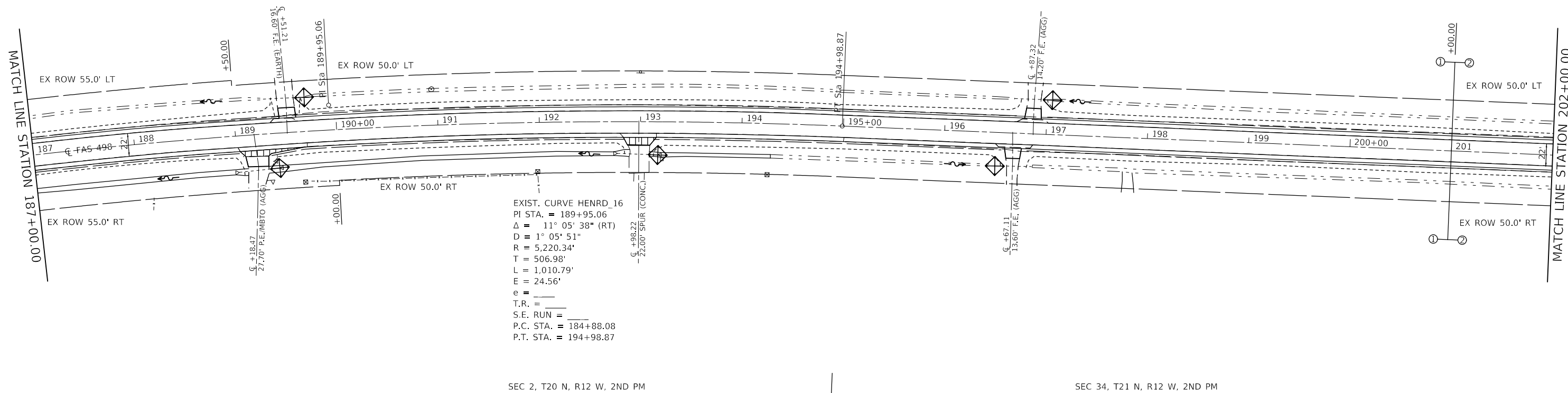
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	24
CONTRACT NO. 70D07				
ILLINOIS FED. AID PROJECT				

SEC 3, T20 N, R12 W, 2ND PM

SEC 33, T21 N, R12 W, 2ND PM

MATCH LINE STATION 187+00.00

MATCH LINE STATION 202+00.00



SEC 2, T20 N, R12 W, 2ND PM

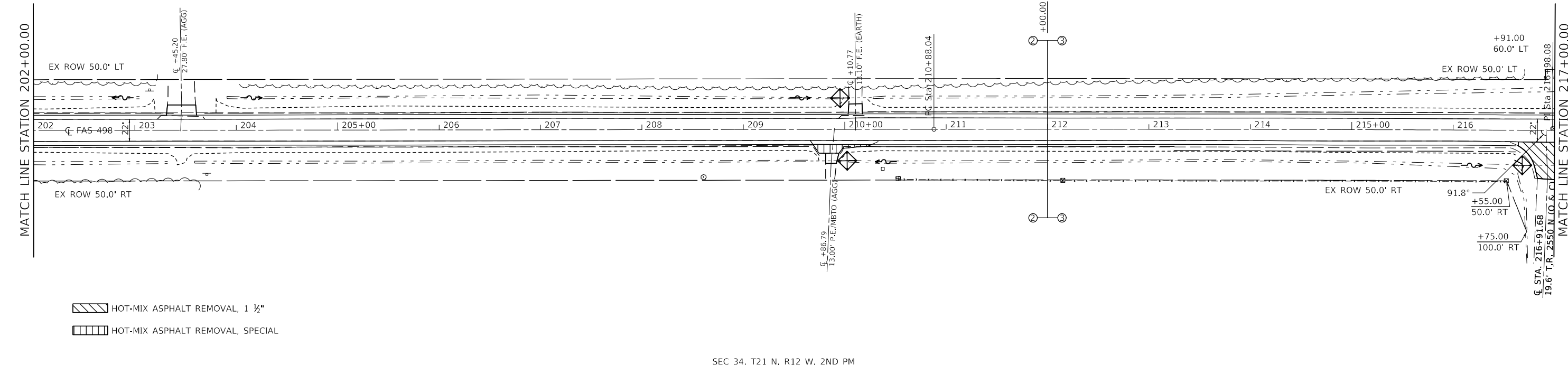
SEC 34, T21 N, R12 W, 2ND PM

EXIST. CURVE HENRD\_16  
 PI STA. = 189+95.06  
 $\Delta = 11^\circ 05' 38''$  (RT)  
 $D = 1^\circ 05' 51''$   
 $R = 5,220.34'$   
 $T = 506.98'$   
 $L = 1,010.79'$   
 $E = 24.56'$   
 $e =$   
 $T.R. =$   
 $S.E. RUN =$   
 $P.C. STA. = 184+88.08$   
 $P.T. STA. = 194+98.87$

SEC 33, T21 N, R12 W, 2ND PM

MATCH LINE STATION 202+00.00

MATCH LINE STATION 217+00.00



SEC 34, T21 N, R12 W, 2ND PM

HOT-MIX ASPHALT REMOVAL, 1 1/2"  
 HOT-MIX ASPHALT REMOVAL, SPECIAL

MODEL: \\MODELNAME  
FILE: \\NAME.PLOT\PROJECT\PROJECT\DOT\Documents\DOT\Office\Drawings\Projects\70007\CADD\Drawings\CAD\Sheet\70007-5hc-plan.dgn

USER NAME = CurtinCB	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 6/15/2018	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

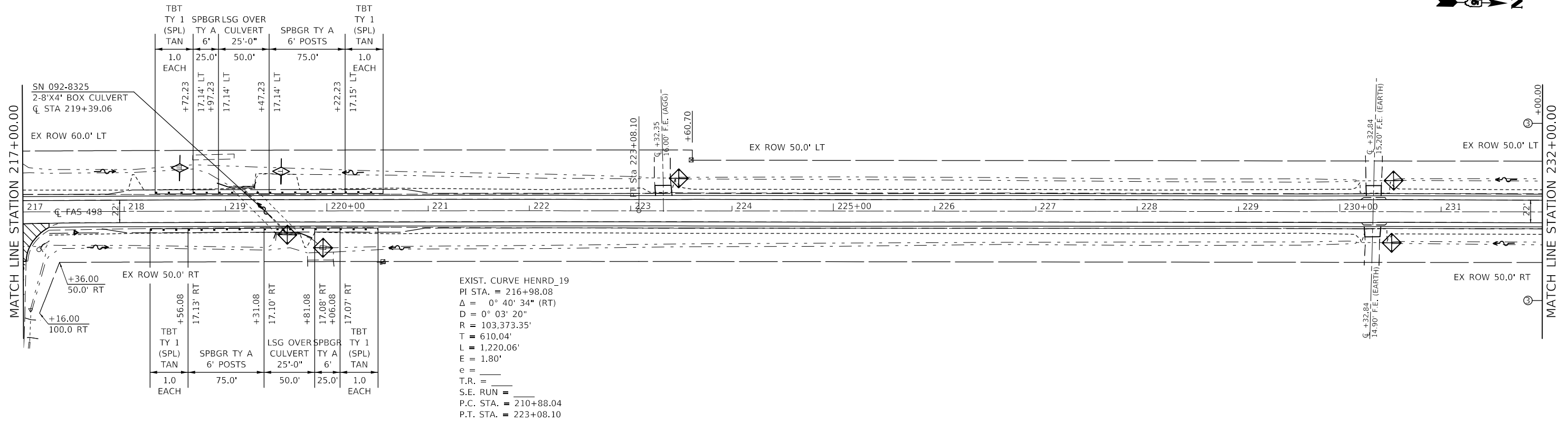
HENNING RD - PLAN SHEETS

SCALE: SHEET 5 OF 13 SHEETS STA. 187+00 TO STA. 217+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	25
CONTRACT NO. 70D07				

ILLINOIS FED. AID PROJECT

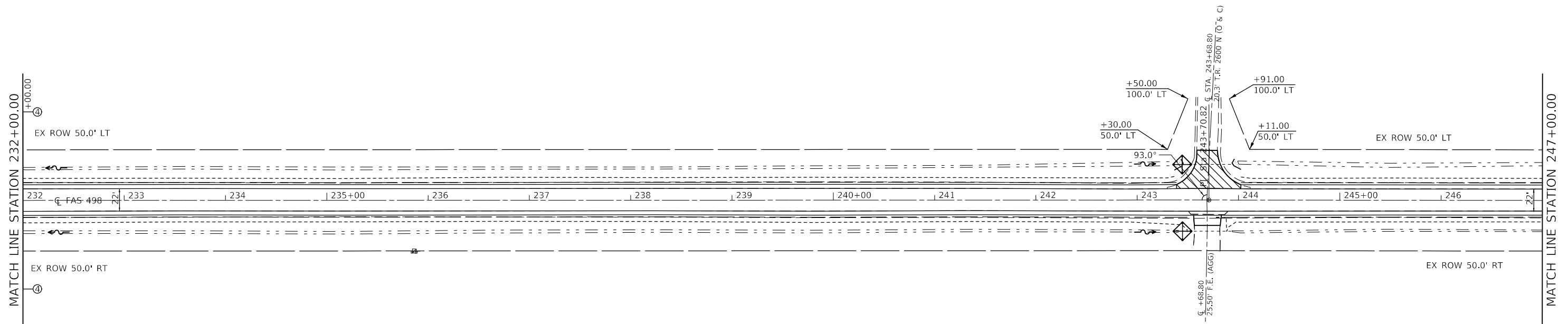
SEC 33, T21 N, R12 W, 2ND PM



EXIST. CURVE HENRD\_19  
 PI STA. = 216+98.08  
 $\Delta = 0^\circ 40' 34''$  (RT)  
 $D = 0^\circ 03' 20''$   
 $R = 103,373.35'$   
 $T = 610.04'$   
 $L = 1,220.06'$   
 $E = 1.80'$   
 $e =$   
 $T.R. =$   
 $S.E. RUN =$   
 P.C. STA. = 210+88.04  
 P.T. STA. = 223+08.10

SEC 34, T21 N, R12 W, 2ND PM

SEC 33, T21 N, R12 W, 2ND PM



HOT-MIX ASPHALT REMOVAL, 1 1/2"  
 HOT-MIX ASPHALT REMOVAL, SPECIAL

SEC 34, T21 N, R12 W, 2ND PM

SEC 27, T21 N, R12 W, 2ND PM

MODEL: \\MODELNAME  
 FILE NAME: \\FILENAME  
 PROJECT: \\PROJECT  
 DRAWING: \\DRAWING

USER NAME = CurtinCB	DESIGNED -	REVISED -
DRAWN -	REVISED -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 6/15/2018	DATE -	REVISED -

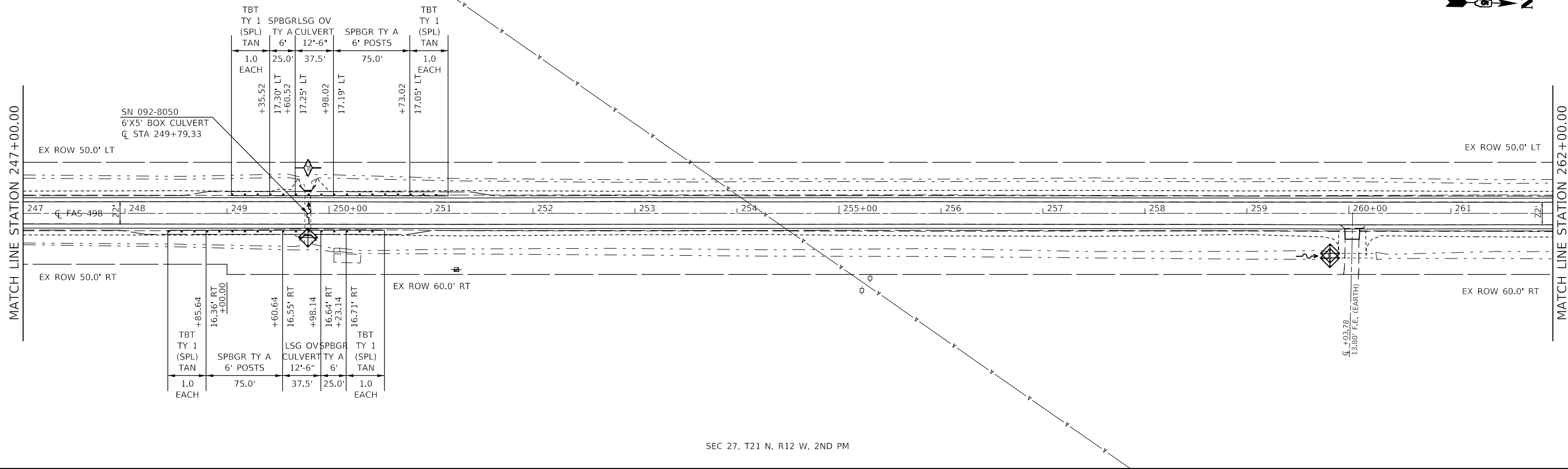
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**HENNING RD - PLAN SHEETS**

SCALE: SHEET 6 OF 13 SHEETS STA. 217+00 TO STA. 247+00

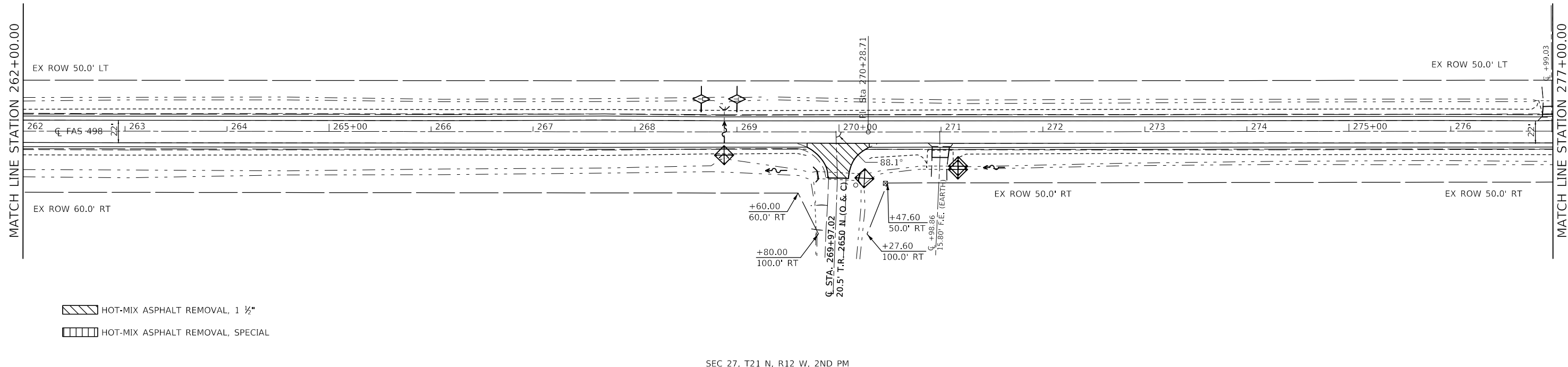
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	26
CONTRACT NO. 70D07				
ILLINOIS FED. AID PROJECT				

SEC 28, T21 N, R12 W, 2ND PM



SEC 27, T21 N, R12 W, 2ND PM

SEC 28, T21 N, R12 W, 2ND PM



SEC 27, T21 N, R12 W, 2ND PM

MODEL: \\MODEL\NAME: FILE: \\NAME: P:\PROJECTS\0570007\CADD\DATA\CAD\sheet\0570007-shc-plan.dgn

- HOT-MIX ASPHALT REMOVAL, 1 1/2"
- HOT-MIX ASPHALT REMOVAL, SPECIAL

USER NAME = cearlokdj	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 6/21/2018	DATE -	REVISED -

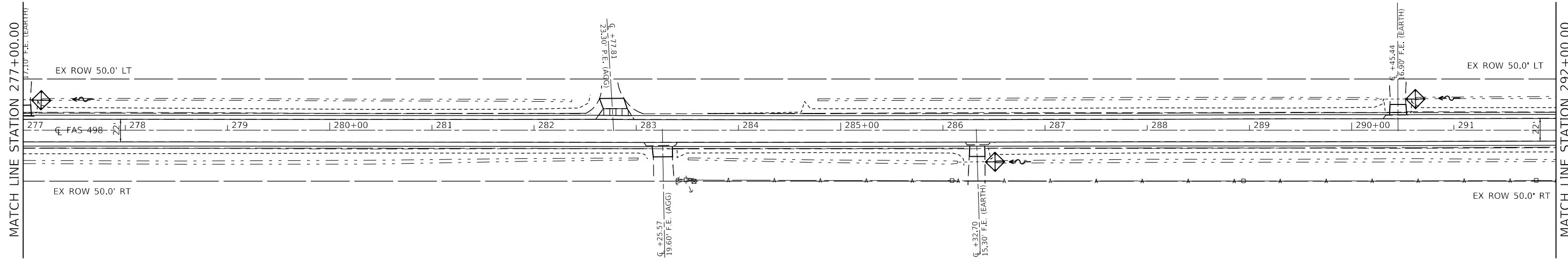
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**HENNING RD - PLAN SHEETS**

SCALE: SHEET 7 OF 13 SHEETS STA. 247+00 TO STA. 277+00

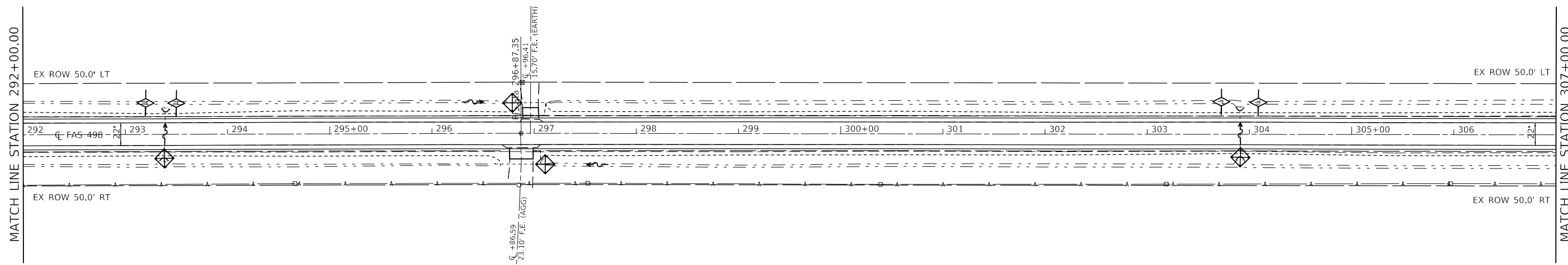
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	27
CONTRACT NO. 70D07				
ILLINOIS FED. AID PROJECT				

SEC 28, T21 N, R12 W, 2ND PM



SEC 27, T21 N, R12 W, 2ND PM

SEC 28, T21 N, R12 W, 2ND PM



- HOT-MIX ASPHALT REMOVAL, 1 1/2"
- HOT-MIX ASPHALT REMOVAL, SPECIAL

SEC 27, T21 N, R12 W, 2ND PM

MODEL: \\MODELNAME  
 FILE: \\NAME: \\PROJECTS\0570007\CADD\DATA\CAD\sheet\0570007-shc-plan.dgn

USER NAME = CurtinCB	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 6/15/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**HENNING RD - PLAN SHEETS**

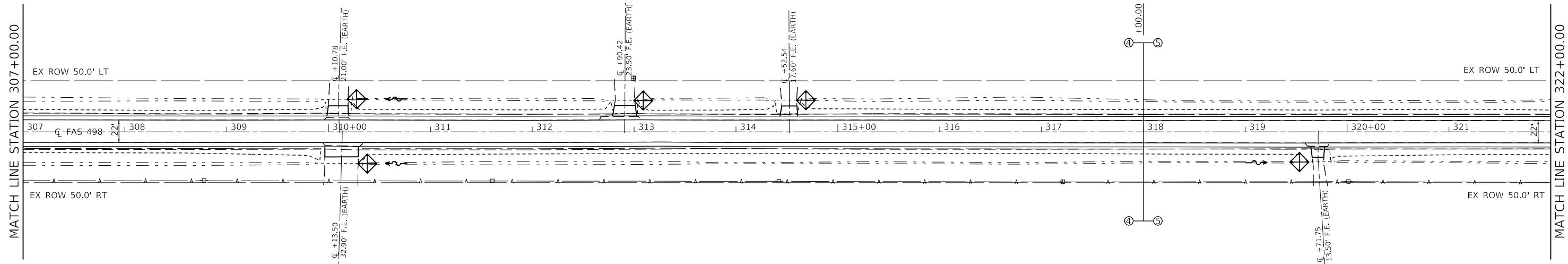
SCALE: SHEET 8 OF 13 SHEETS STA. 277+00 TO STA. 307+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	28
			CONTRACT NO. 70D07	
		ILLINOIS	FED. AID PROJECT	



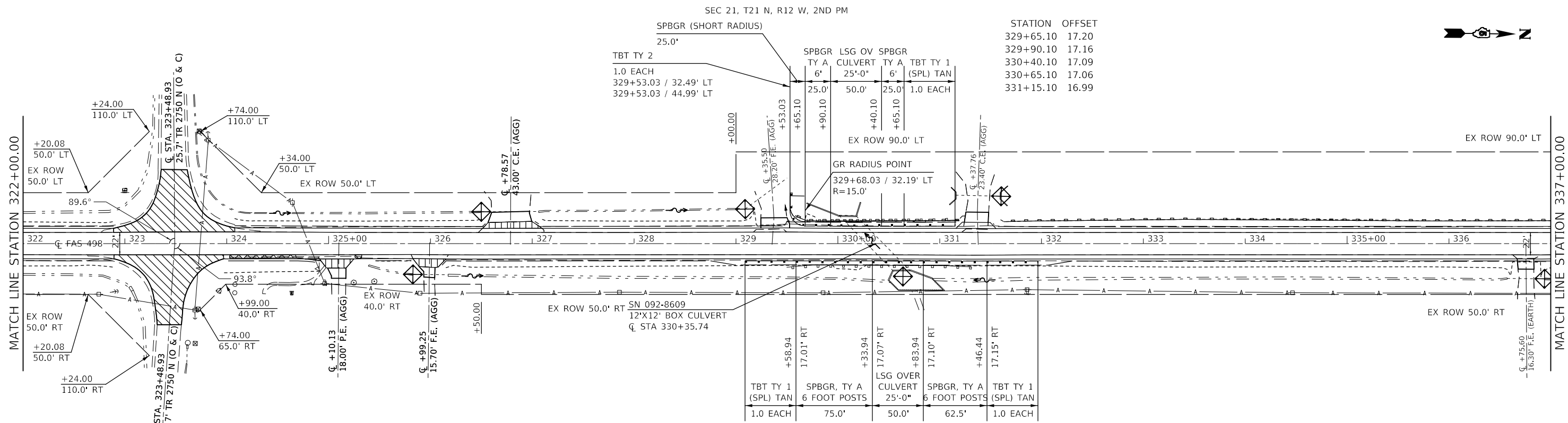
SEC 28, T21 N, R12 W, 2ND PM




SEC 21, T21 N, R12 W, 2ND PM



SEC 27, T21 N, R12 W, 2ND PM

SEC 22, T21 N, R12 W, 2ND PM



 HOT-MIX ASPHALT REMOVAL, SPECIAL  
 HOT-MIX ASPHALT REMOVAL, 1 1/2"  
 GUTTER REMOVAL

SEC 22, T21 N, R12 W, 2ND PM

MODEL: \\MODELNAME  
FILE: \\NAME.PLOT  
PROJECT: \\PROJECTNAME  
DRAWN: \\DRAWNNAME  
DATE: \\DATE

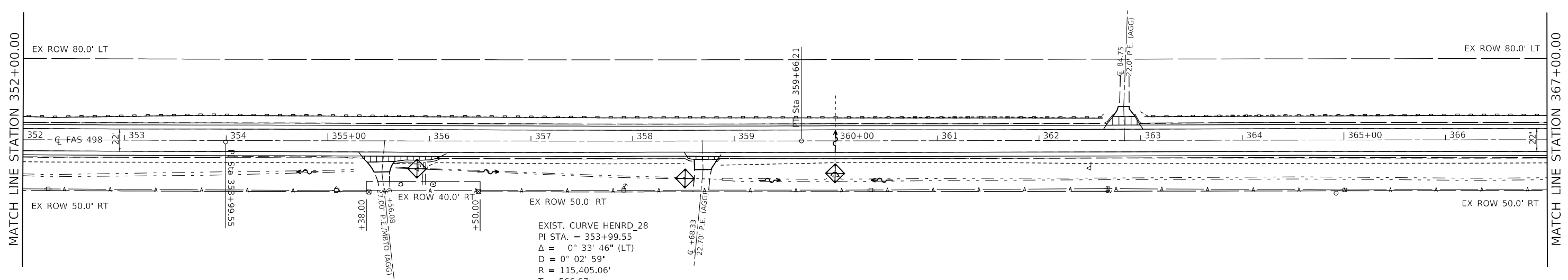
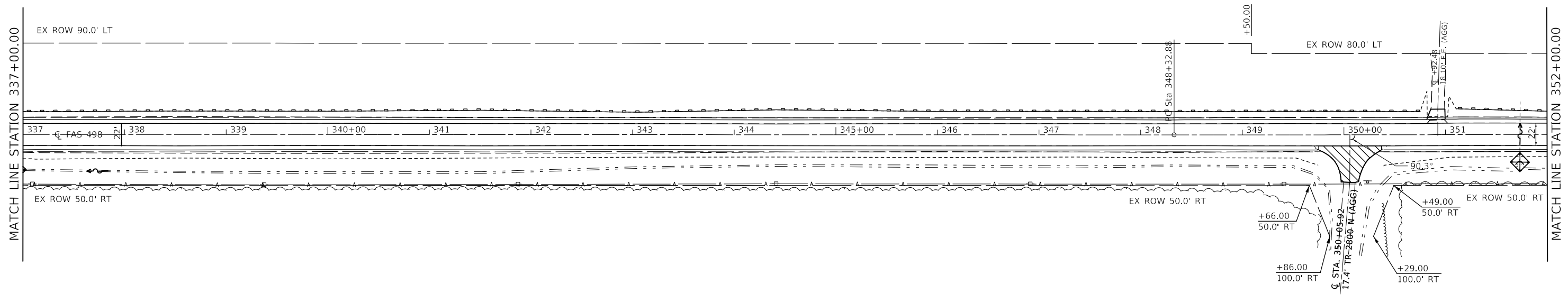
USER NAME = CurtinCB	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 6/15/2018	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

HENNING RD - PLAN SHEETS

SCALE: SHEET 9 OF 13 SHEETS STA. 307+00 TO STA. 337+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	29
CONTRACT NO. 70D07				
ILLINOIS FED. AID PROJECT				



EXIST. CURVE HENRD\_28  
 PI STA. = 353+99.55  
 $\Delta = 0^\circ 33' 46''$  (LT)  
 $D = 0^\circ 02' 59''$   
 $R = 115,405.06'$   
 $T = 566.67'$   
 $L = 1,133.33'$   
 $E = 1.39'$   
 $e =$   
 $T.R. =$   
 $S.E. RUN =$   
 $P.C. STA. = 348+32.88$   
 $P.T. STA. = 359+66.21$

HOT-MIX ASPHALT REMOVAL, 1 1/2"  
 HOT-MIX ASPHALT REMOVAL, SPECIAL

MODEL: \\MODELNAME  
 FILE NAME: \\FILENAME  
 PROJECT: \\PROJECTNAME  
 DRAWING: \\DRAWINGNAME  
 DATE: 6/15/2018

USER NAME = CurtinCB	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 6/15/2018	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**HENNING RD - PLAN SHEETS**

SCALE: SHEET 10 OF 13 SHEETS STA. 337+00 TO STA. 367+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	30
CONTRACT NO. 70D07				
ILLINOIS FED. AID PROJECT				

TBT TY 2  
1.0 EACH  
369+59.87 / 32.09' LT  
369+60.15 / 50.26' LT

SPBGR (SHORT RADIUS)  
25.0'

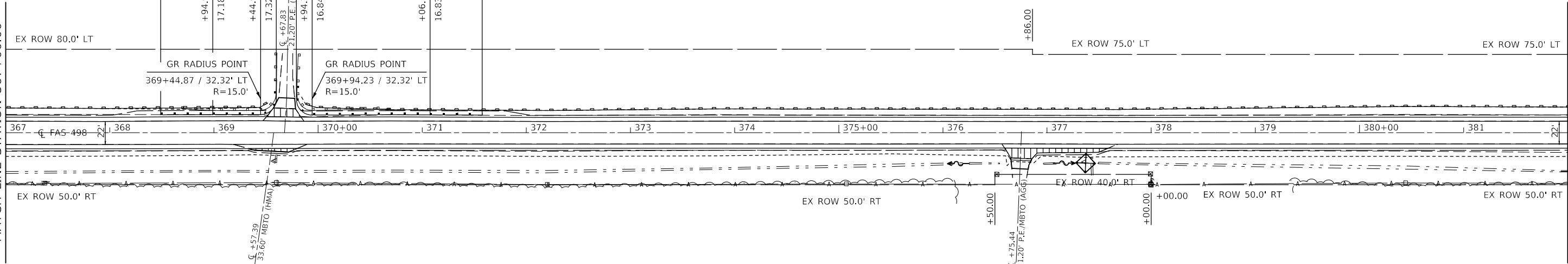
SPBGR (SHORT RADIUS)  
25.0'

TBT TY 2  
1.0 EACH  
369+74.24 / 32.45' LT  
369+79.75 / 44.94' LT

SEC 16, T21 N, R12 W, 2ND PM



MATCH LINE STATION 367+00.00



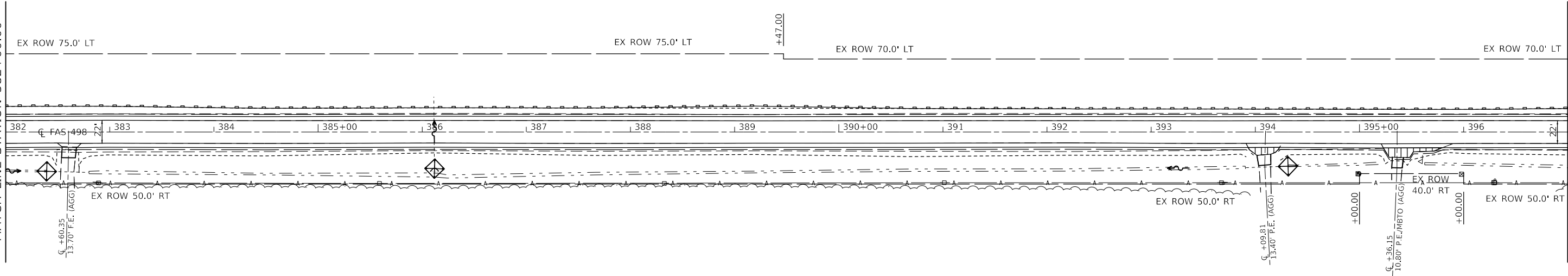
MATCH LINE STATION 382+00.00

SEC 15, T21 N, R12 W, 2ND PM

SEC 16, T21 N, R12 W, 2ND PM



MATCH LINE STATION 382+00.00



MATCH LINE STATION 397+00.00

- HOT-MIX ASPHALT REMOVAL, 1 1/2"
- HOT-MIX ASPHALT REMOVAL, SPECIAL

SEC 15, T21 N, R12 W, 2ND PM

MODEL: \\MODELNAME  
FILE: \\NAME: \\PROJECTS\0570007\CADD\DATA\CAD\sheet\0570007-shc-plan.dgn

USER NAME = CurtinCB	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 6/15/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**HENNING RD - PLAN SHEETS**

SCALE: SHEET 11 OF 13 SHEETS STA. 367+00 TO STA. 397+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	31
CONTRACT NO. 70D07				
ILLINOIS FED. AID PROJECT				

SEC 16, T21 N, R12 W, 2ND PM

SEC 9, T21 N, R12 W, 2ND PM

\* SPBGR (SHORT RADIUS)  
 402+18.49 / 17.19 LT  
 402+53.56 / 51.12 LT

TBT TY 1 (SPL) TANGENT  
 1.0 EACH  
 402+53.56 / 51.12 LT  
 402+55.12 / 101.10 LT

\*\* SPBGR (SHORT RADIUS)  
 402+76.73 / 51.87 LT  
 403+11.86 / 16.93 LT

TBT TY 1 (SPL) TANGENT  
 1.0 EACH  
 402+76.61 / 101.92 LT  
 402+76.73 / 51.87 LT

\*\*\* SPBGR (SHORT RADIUS)  
 402+11.94 / 16.85 RT  
 402+46.76 / 53.21 RT

TBT TY 1 (SPL) TANGENT  
 1.0 EACH  
 402+46.76 / 53.21 RT  
 402+44.80 / 103.17 RT

\*\*\*\* SPBGR (SHORT RADIUS)  
 402+69.92 / 49.46 RT  
 403+04.66 / 17.04 RT

TBT TY 1 (SPL) TANGENT  
 1.0 EACH  
 402+66.04 / 99.31 RT  
 402+69.92 / 49.46 RT

EXIST. CURVE HENRD\_31  
 PI STA. = 402+60.62  
 $\Delta = 1^{\circ} 31' 09''$  (LT)  
 $D = 0^{\circ} 10' 01''$   
 $R = 34,321.03'$   
 $T = 455.03'$   
 $L = 910.01'$   
 $E = 3.02'$   
 $e =$   
 $T.R. =$   
 $S.E. RUN =$   
 $P.C. STA. = 398+05.59$   
 $P.T. STA. = 407+15.60$

SEC 15, T21 N, R12 W, 2ND PM

SEC 10, T21 N, R12 W, 2ND PM

SEC 9, T21 N, R12 W, 2ND PM

SEC 10, T21 N, R12 W, 2ND PM

MATCH LINE STATION 397+00.00

MATCH LINE STATION 412+00.00

MATCH LINE STATION 412+00.00

MATCH LINE STATION 427+00.00

HOT-MIX ASPHALT REMOVAL, 1 1/2"

HOT-MIX ASPHALT REMOVAL, SPECIAL

MODEL: \\MODELNAME  
 FILE: \\NAME.PLOT\PROJECT\PROJECT\DOT\Office\Director\Projects\70D07\CADD\DATA\CAD\Sheet\70D07-34-Plan.dgn

USER NAME = CurtinCB	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 6/15/2018	DATE -	REVISED -

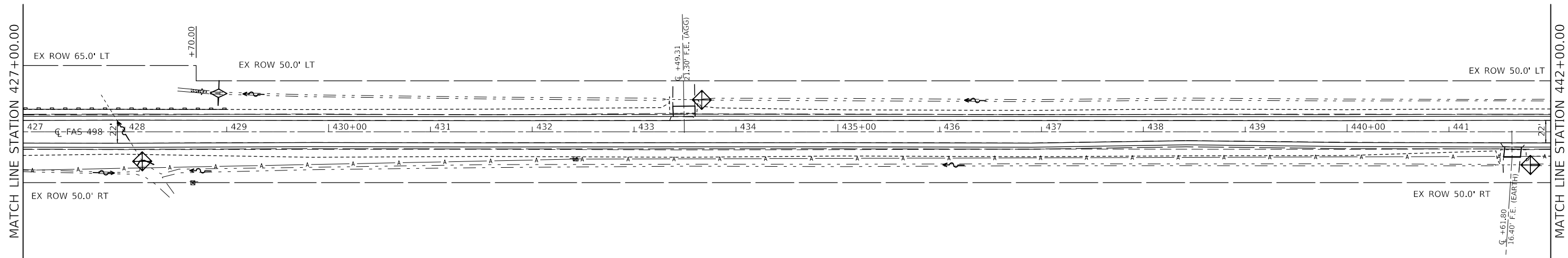
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**HENNING RD - PLAN SHEETS**

SCALE: SHEET 12 OF 13 SHEETS STA. 397+00 TO STA. 427+00

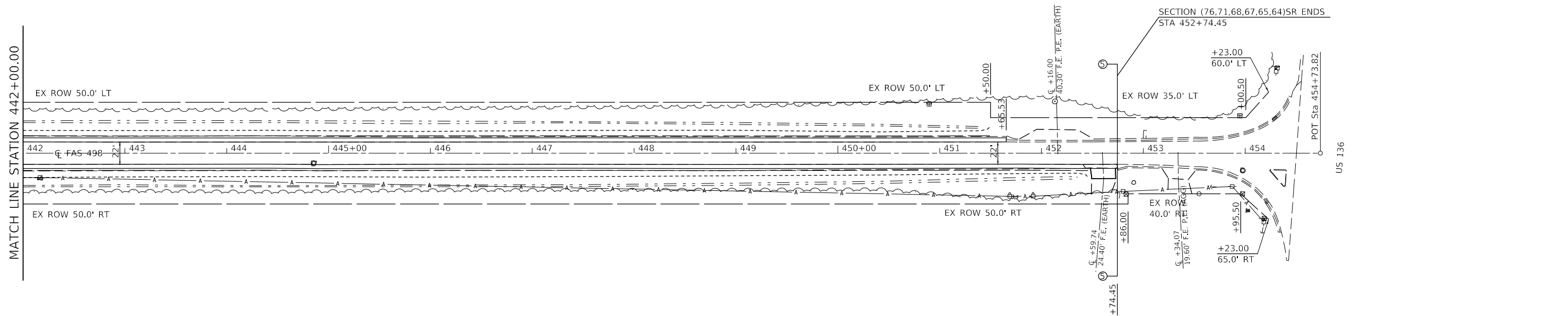
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	32
CONTRACT NO. 70D07				
ILLINOIS FED. AID PROJECT				

SEC 9, T21 N, R12 W, 2ND PM



SEC 10, T21 N, R12 W, 2ND PM

SEC 9, T21 N, R12 W, 2ND PM



- HOT-MIX ASPHALT REMOVAL, 1 1/2"
- HOT-MIX ASPHALT REMOVAL, SPECIAL

SEC 10, T21 N, R12 W, 2ND PM

MODEL: \\MODELNAME  
 FILE NAME: \\FILENAME  
 PROJECT: \\PROJECT  
 OFFICE: \\OFFICE  
 DRAWING: \\DRAWING  
 SHEET: \\SHEET

USER NAME = CurtinCB	DESIGNED -	REVISED -
DRAWN -	REVISED -	
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 6/15/2018	DATE -	REVISED -

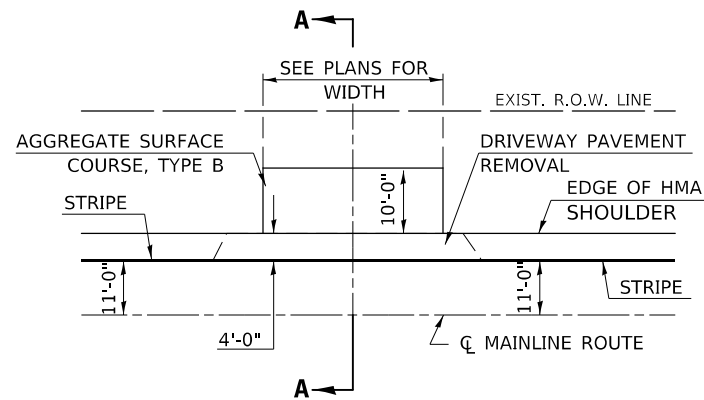
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**HENNING RD - PLAN SHEETS**

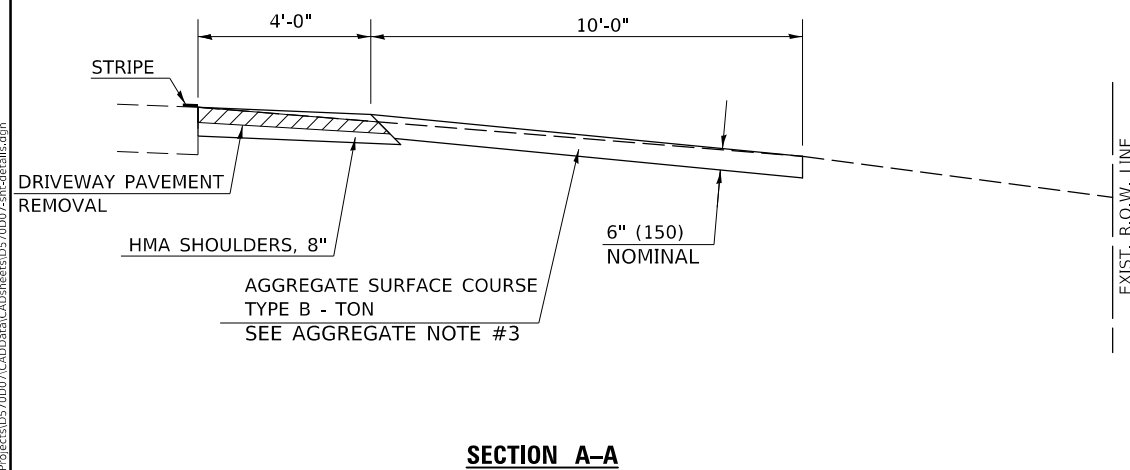
SCALE: SHEET 13 OF 13 SHEETS STA. 427+00 TO STA. 454+73.82

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	33
CONTRACT NO. 70D07				
ILLINOIS FED. AID PROJECT				

## F.E. DETAIL



TYPICAL APPLICATION

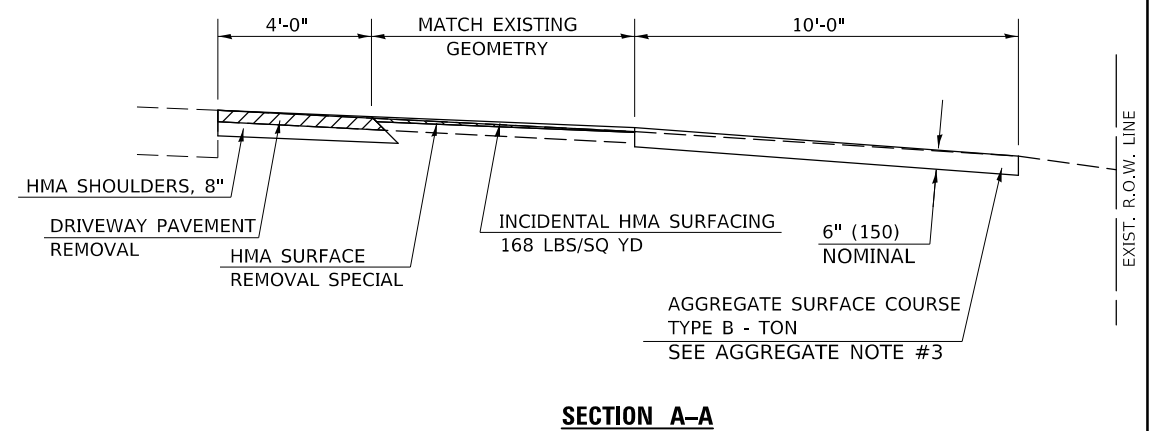
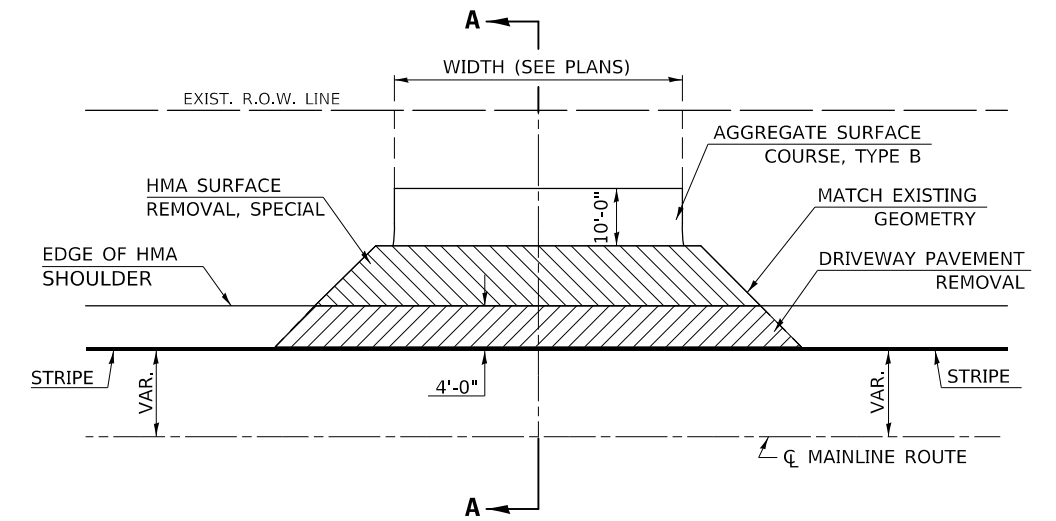


SECTION A-A

## GENERAL NOTES

1. THE EXISTING SURFACE SHALL BE PREPARED IN ACCORDANCE WITH SECTION 408 OF THE STANDARD SPECIFICATIONS.
2. ANY NECESSARY WORK BEHIND THE HMA SHOULDER OR THE INCIDENTAL HMA SURFACING SHALL BE AS SHOWN IN THE PLANS AND/OR AS DIRECTED BY THE ENGINEER.
3. EARTH EXCAVATION REQUIRED FOR THE CONSTRUCTION OF THE AGGREGATE SURFACE COURSE SHALL BE INCLUDED IN THE COST OF AGGREGATE SURFACE COURSE.
4. AGGREGATE BASE COURSE, TYPE B, 6" (150 mm) MIN. SHALL BE USED WHERE IN THE OPINION OF THE ENGINEER THERE IS NOT SUFFICIENT BASE MATERIAL FOR THE PROPOSED ENTRANCES. THIS MATERIAL SHALL GENERALLY BE USED TO WIDEN ANY EXISTING RETURN OR TO CONSTRUCT NEW ENTRANCES WHERE NONE NOW EXISTS.
5. THE AGGREGATE BASE COURSE SHALL BE CONSTRUCTED 12" (300 mm) WIDER THAN THE SURFACE DIMENSIONS AS SHOWN ABOVE.
6. EXISTING FIELD ENTRANCES OF AGGREGATE OR EARTH WITH NO HMA APRON SHALL NOT RECEIVE A NEW HMA APRON WITHOUT PROPER APPROVAL THROUGH THE BUREAU OF OPERATIONS "POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS".
7. TO ASSURE APPROPRIATE ACCESS POLICIES ARE FOLLOWED ALL NEW ACCESS SHALL BE APPLIED FOR THROUGH THE BUREAU OF OPERATIONS PERMIT APPLICATION PROCESS. PLAN PREPARATION MEMORANDUMS 40-09 ALONG WITH DISTRICT PROJECT IMPLEMENTATION MEMORANDUM 104/01 DISCUSS THIS PROCEDURE.

## P.E. OR C.E. DETAIL\*



SECTION A-A

\*FOR USE WHEN A PE OR CE HAS AN EXISTING HMA APRON  
IF NO EXISTING APRON, USE DISTRICT DETAIL

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

FIELD ENTRANCES DETAIL  
AGGREGATE PRIVATE & COMEMRCIAL ENTRANCES DETAIL

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	34
CONTRACT NO. 70D07				
ILLINOIS FED. AID PROJECT				

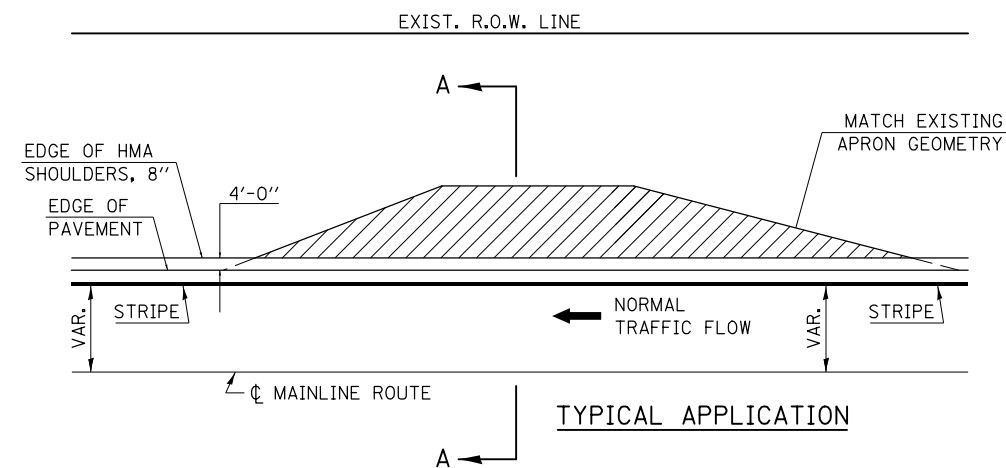
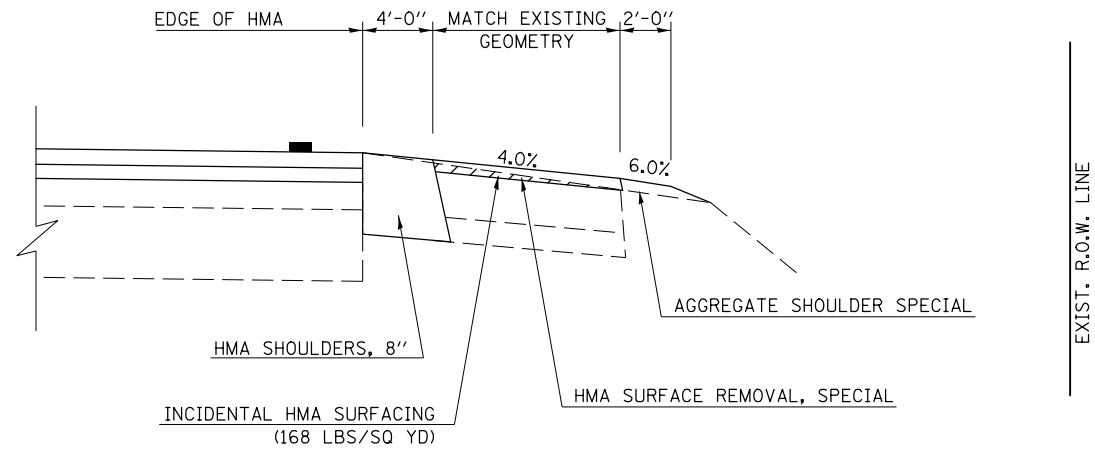
SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

MODEL: \\MODELNAME  
FILE NAME: \\PROJECTS\70D07\CADD\DATA\GAD\sheet\0570D07-f.e.detail.dgn

USER NAME = CurtinCB	DESIGNED -	REVISED - 12/06 TJB
	DRAWN -	REVISED - 09/07 KAG
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED - 04/08 KJT
PLOT DATE = 6/15/2018	DATE -	REVISED - 3/16/17 SWN

# MAILBOX TURNOUTS

## "3R" IMPROVEMENTS



## GENERAL NOTES

1. THE EXISTING SURFACE SHALL BE PREPARED IN ACCORDANCE WITH SECTION 408 OF THE STANDARD SPECIFICATIONS.
2. AGGREGATE BASE COURSE, TYPE B, 6" (150) MIN. SHALL BE USED WHERE IN THE OPINION OF THE ENGINEER THERE IS NOT SUFFICIENT BASE MATERIAL FOR THE PROPOSED MAILBOX TURNOUTS. THIS MATERIAL SHALL GENERALLY BE USED TO WIDEN ALL EXISTING MAILBOX TURNOUTS OR TO CONSTRUCT NEW MAILBOX TURNOUTS WHERE NONE NOW EXISTS.
3. ANY NECESSARY WORK BEHIND THE INCIDENTAL HMA SURFACING SHALL BE AS SHOWN IN THE PLANS AND/OR AS DIRECTED BY THE ENGINEER.
4. THE TEMPORARY RELOCATION OF EXISTING MAILBOXES SHALL BE IN ACCORDANCE WITH ARTICLE 107.20 OF THE STANDARD SPECIFICATIONS.
5. CROSS SLOPE SHALL BE AS SHOWN ON THE STATION CROSS SECTIONS AND/OR AS DIRECTED BY THE ENGINEER. MINIMUM 4% (1/2"/') DESIRABLE; MAXIMUM 8% (1"/')
6. WHEN MAILBOX TURNOUTS ARE CONSTRUCTED ADJACENT TO FIELD ENTRANCES, THE WIDTH OF THE INCIDENTAL HMA SURFACING CONSTRUCTED FOR THE FIELD ENTRANCE SHALL MATCH THE WIDTH OF THE PROPOSED MAILBOX TURNOUT SURFACING.
7. THE TOTAL HMA SHOULDER & MBTO WIDTH, 2.4 m (8') MINIMUM, SHALL BE PAVED BETWEEN SIDEROADS ENTRANCES AND/OR MAILBOX TURNOUTS AT LOCATIONS WHERE THE DISTANCE BETWEEN RADIUS OR TAPER CONTROL POINTS IS LESS THAN 15.0 m (50').
8. MAILBOXES SHALL BE MOUNTED SUCH THAT THE FACE OF THE MAILBOX IS 6" (150 mm) TO 12" (300 mm) AND THE POST A MINIMUM OF 24" (600 mm) FROM THE EDGE OF THE TURNOUT SURFACING.

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

MODEL - S:\MODEL\NAME  
FILE NAME - P:\U\B\EB\DOT\Illinois\pov\RW\DOT\Documents\DOT - Office\Drawings\Projects\DOT\CA\0\CA\0\07\CA\0\0\07\0007-3R\3R\07\3R\07\0007-3R\07\0007-3R.dgn

USER NAME = CurtinCB	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 6/15/2018	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

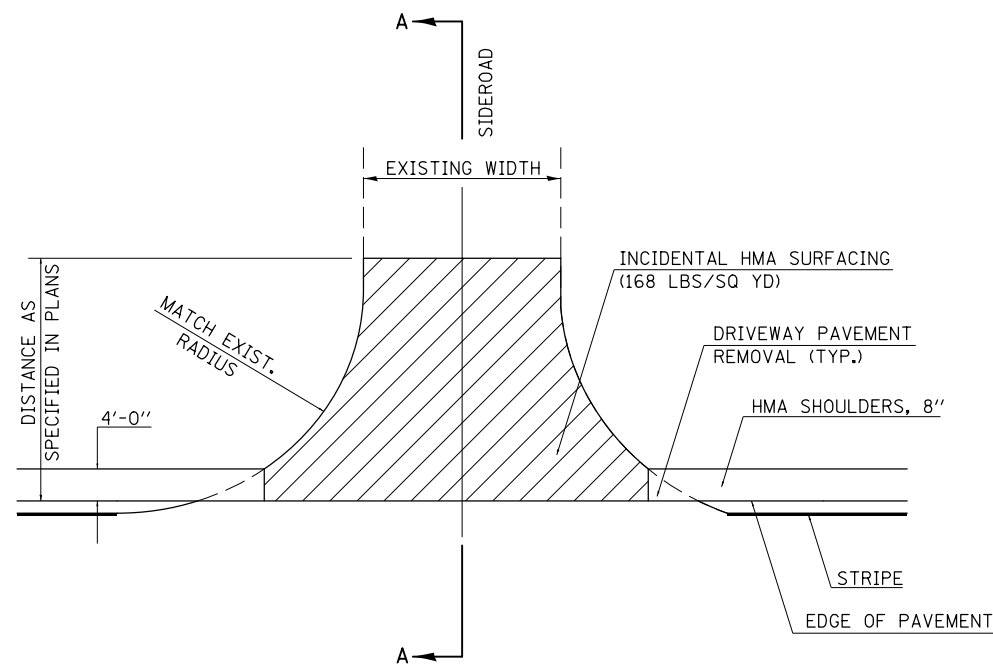
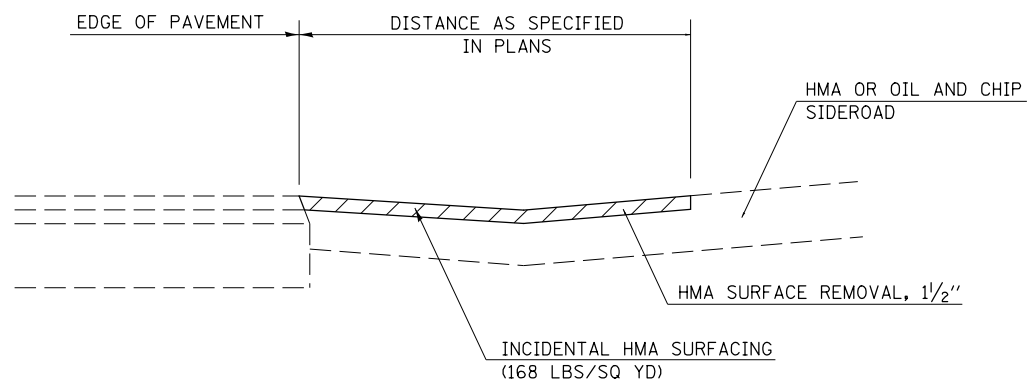
MAILBOX TURNOUT (RURAL)

SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	35
				CONTRACT NO. 70D07
ILLINOIS FED. AID PROJECT				

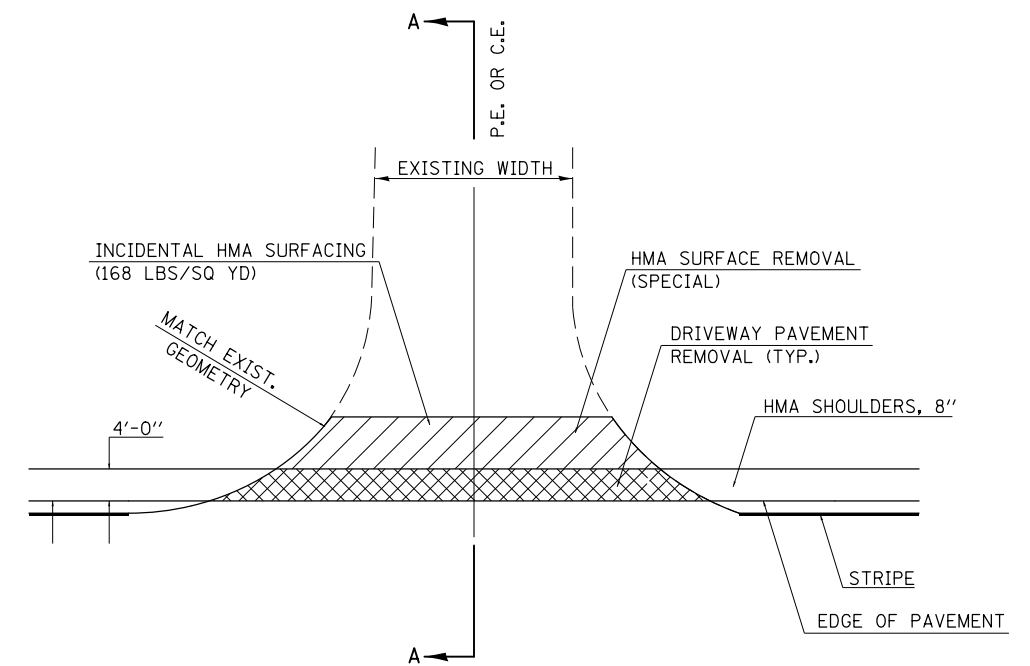
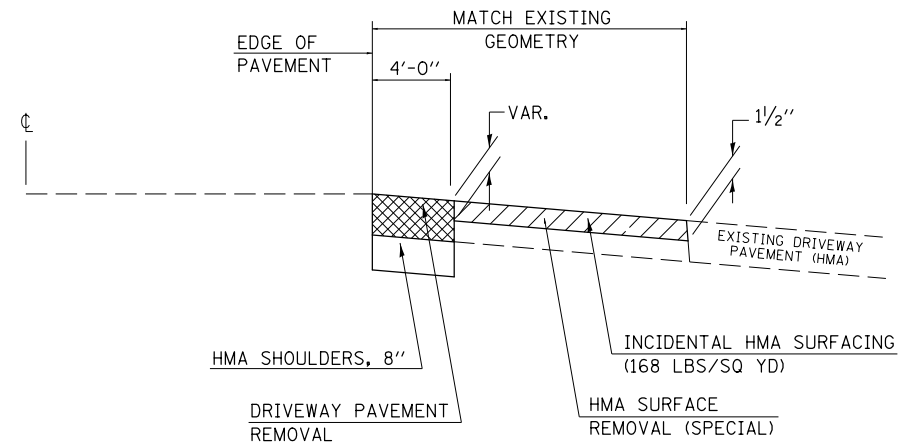
# SIDEROADS & SIDE STREETS DETAIL

SECTION A-A



# P.E. OR C.E. DETAIL

SECTION A-A



MODEL: \\MODELNAME  
FILE NAME: \\PLOT\BIDDING\ITEC\Illinois\pwr\RWIDOT\Documents\DOT\_Offices\Director\Projects\0570007\CADD\DATA\CAD\Sheet\0570007-SID-Detail.dgn

USER NAME = CurtinCB	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 6/15/2018	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SIDEROADS & SIDE STREETS DETAIL  
HMA PRVTE & COMMERCIAL ENTRANCES DETAIL

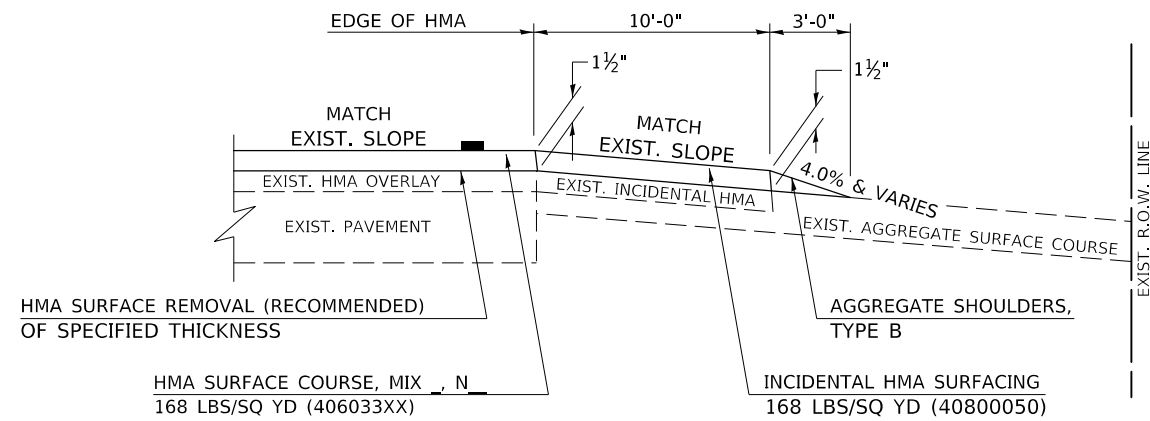
SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	36
CONTRACT NO. 70D07				
ILLINOIS FED. AID PROJECT				

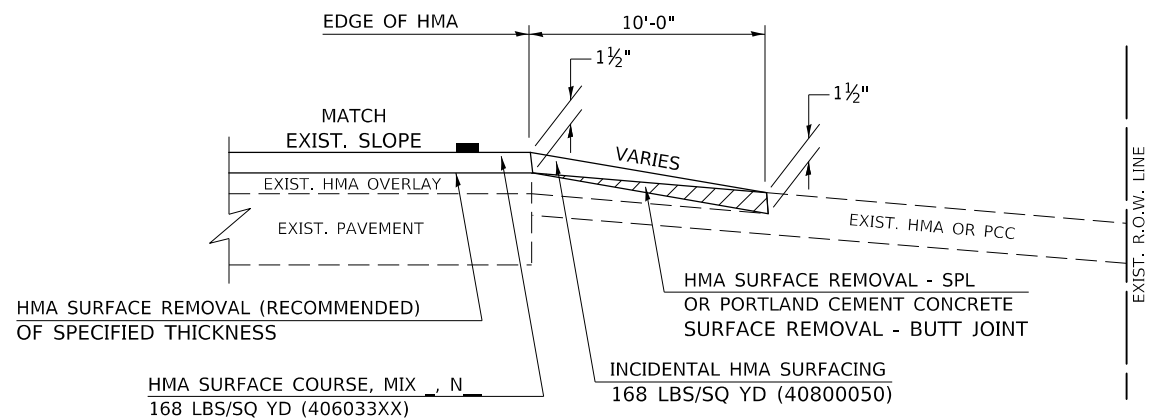


# PROJECTS WITHOUT RECONSTRUCTION

## S.M.A.R.T. IMPROVEMENTS (POLICY RESURFACING; BDE 53-4.03; 1½")

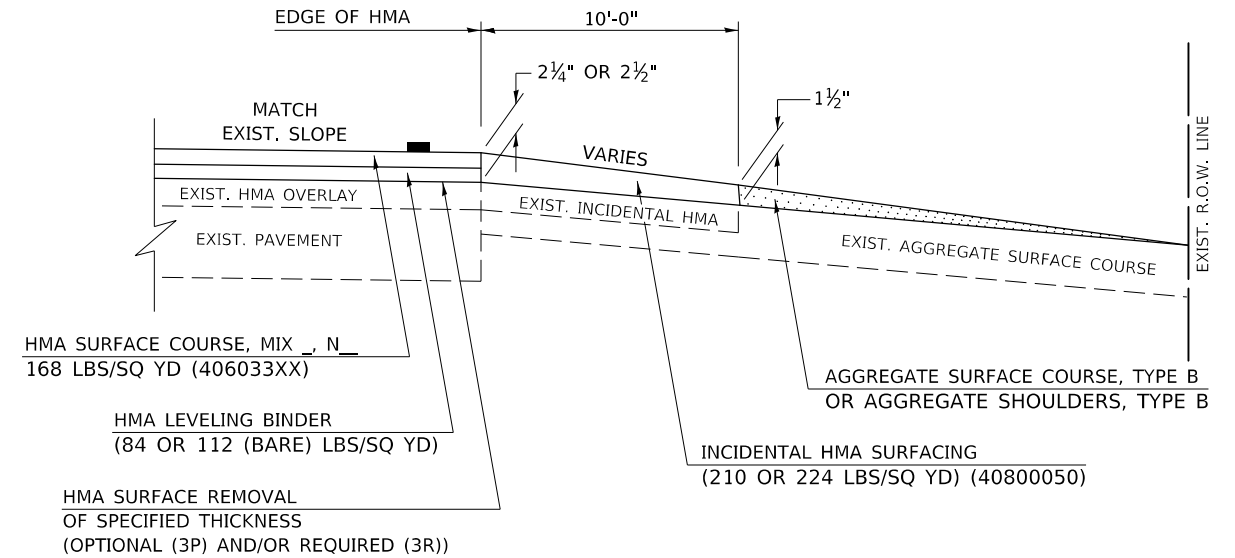


**EXISTING AGGREGATE ENTRANCE**

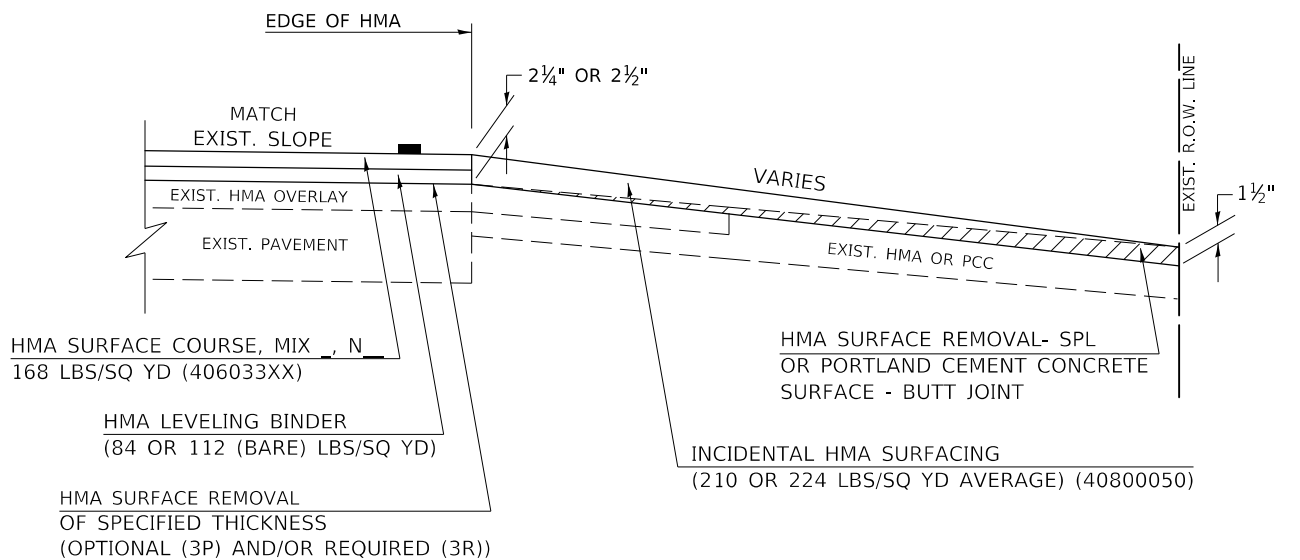


**EXISTING HMA OR PCC ENTRANCE**

## "3P" OR "3R" IMPROVEMENTS (POLICY RESURFACING; BDE 53-4.02; 2¼" OR 2½" ON BARE CONCRETE)



**EXISTING AGGREGATE ENTRANCE**



**EXISTING HMA OR PCC ENTRANCE**

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

MODEL: \\MODELNAME; FILE NAME: \\FILENAME; PROJECT: \\PROJECT; OFFICE: \\OFFICE; DRAWING: \\DRAWING; DATE: 6/15/2018

USER NAME = CurtinCB	DESIGNED -	REVISED - 09/07 KAG
	DRAWN -	REVISED - 05/08 KJT
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED - 04/10 KJT
PLOT DATE = 6/15/2018	DATE -	REVISED - 3/6/17 SWN

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PRIVATE COMMERCIAL ENTRANCES  
(NONCOMMERCIAL AND COMMERCIAL RURAL)**

SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.

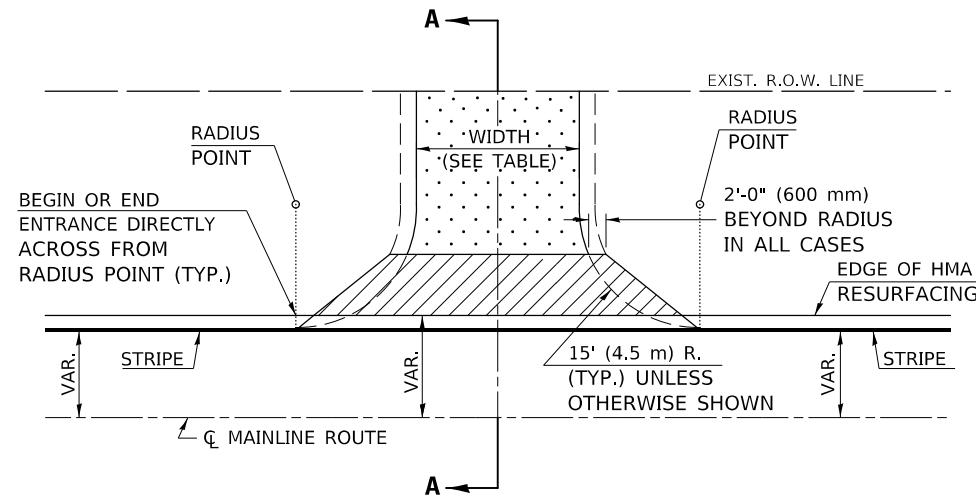
**DISTRICT 5 DETAIL NO. 4080050C**

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	37
CONTRACT NO. 70D07				
ILLINOIS FED. AID PROJECT				

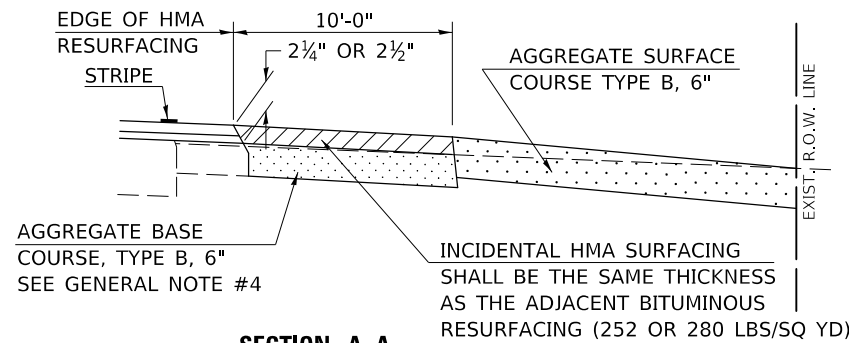
# PROJECTS WITH RECONSTRUCTION

## AGGREGATE ENTRANCE

### (3R IMPROVEMENTS)

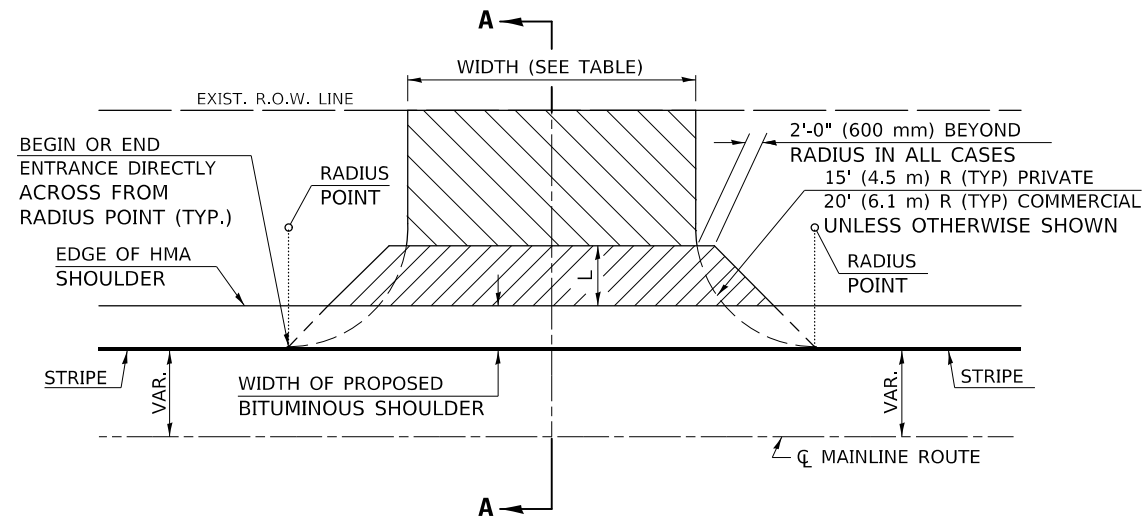


TYPICAL APPLICATION

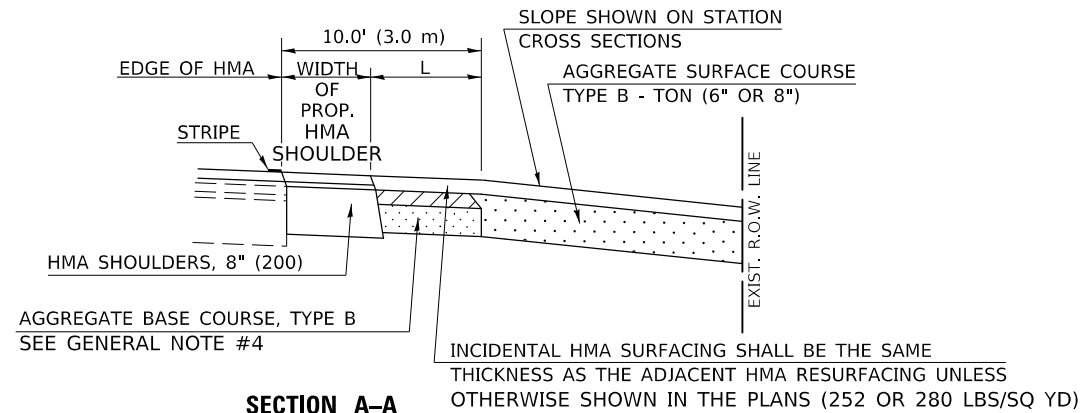


SECTION A-A

## HMA OR PCC ENTRANCE



TYPICAL APPLICATION



SECTION A-A  
"HMA EXAMPLE"

## GENERAL NOTES

1. THE EXISTING SURFACE SHALL BE PREPARED IN ACCORDANCE WITH SECTION 408 OF THE STANDARD SPECIFICATIONS.
2. ANY NECESSARY WORK BEHIND THE HMA SHOULDER OR THE INCIDENTAL HMA SURFACING SHALL BE AS SHOWN IN THE PLANS AND/OR AS DIRECTED BY THE ENGINEER.
3. EARTH EXCAVATION REQUIRED FOR THE CONSTRUCTION OF THE AGGREGATE SURFACE COURSE SHALL BE INCLUDED IN THE COST OF AGGREGATE SURFACE COURSE.
4. AGGREGATE BASE COURSE, TYPE B, 6" (150 mm) MIN. SHALL BE USED WHERE IN THE OPINION OF THE ENGINEER THERE IS NOT SUFFICIENT BASE MATERIAL FOR THE PROPOSED ENTRANCES. THIS MATERIAL SHALL GENERALLY BE USED TO WIDEN ANY EXISTING RETURN OR TO CONSTRUCT NEW ENTRANCES WHERE NONE NOW EXISTS.
5. THE AGGREGATE BASE COURSE SHALL BE CONSTRUCTED 12" (300 mm) WIDER THAN THE SURFACE DIMENSIONS AS SHOWN ABOVE.
6. EXISTING FIELD ENTRANCES OF AGGREGATE OR EARTH WITH NO HMA APRON SHALL NOT RECEIVE A NEW HMA APRON WITHOUT PROPER APPROVAL THROUGH THE BUREAU OF OPERATIONS "POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS".

TO ASSURE APPROPRIATE ACCESS POLICIES ARE FOLLOWED ALL NEW ACCESS SHALL BE APPLIED FOR THROUGH THE BUREAU OF OPERATIONS PERMIT APPLICATION PROCESS. PLAN PREPARATION MEMORANDUMS 40-09 ALONG WITH DISTRICT PROJECT IMPLEMENTATION MEMO 104/01 DISCUSS THIS PROCEDURE.

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

RURAL ENTRANCE DESIGN STANDARDS (PPM 40-09)															
DESIGN ELEMENT	NEW CONSTRUCTION & 3R with CONSTRUCTION						3R w/out RECONSTRUCTION, 3P, SMART & CM								
	NONCOMMERCIAL			FIELD W/FARM IMPLEMENTS			COMMERCIAL			NONCOMMERCIAL			COMMERCIAL		
	PRIVATE & FIELD			min.		max.	min.		max.	PRIVATE & FIELD			min.		max.
SURFACE WIDTH (FT)	min.	des.	max.	min.	max.	1 LANE, 1 WAY			1 LANE, 1 WAY			1 LANE, 1 WAY			
	12	16	24	24	30	14	16	24	2 LANE, 2 WAY			2 LANE, 2 WAY			
RADIUS (FT)	15	25	40	30		20	30	50	resurface existing configuration; existing aggregate or earth entrances shall have the continuation of aggregate shoulders placed behind them						
SHOULDER WIDTH (FT)	2	2		2		1	3								
SHOULDER SLOPE (%)	2	4	6	4		2	4	6							
ENTRANCE GRADE (%)	0	2 to 5	10 or 12	2 to 5	10 or 12	0	2 to 5	8 or 10							
SIDE SLOPE (FT)	1:10	1:6	1:4	1:6	1:4	1:10	1:6	1:4							
<b>SURFACE TYPE</b>															
INCIDENTAL HMA SURFACING (INCH)		2		2		3 or 4			taper from hma resurfacing thickness (2 1/2", 2 1/4" or 1 1/2") to 1 1/2" to minimize aggregate shoulder						
AGGREGATE SURFACE COURSE, TYPE B (INCH)		6		6		8			if applicable, use items: Preparation of Base & Aggregate Base Repair; see PPM 30-02						
PCC DRIVEWAY PAVEMENT (INCH)		6						6 or 8							

## DISTRICT 5 DETAIL NO. 40800050C

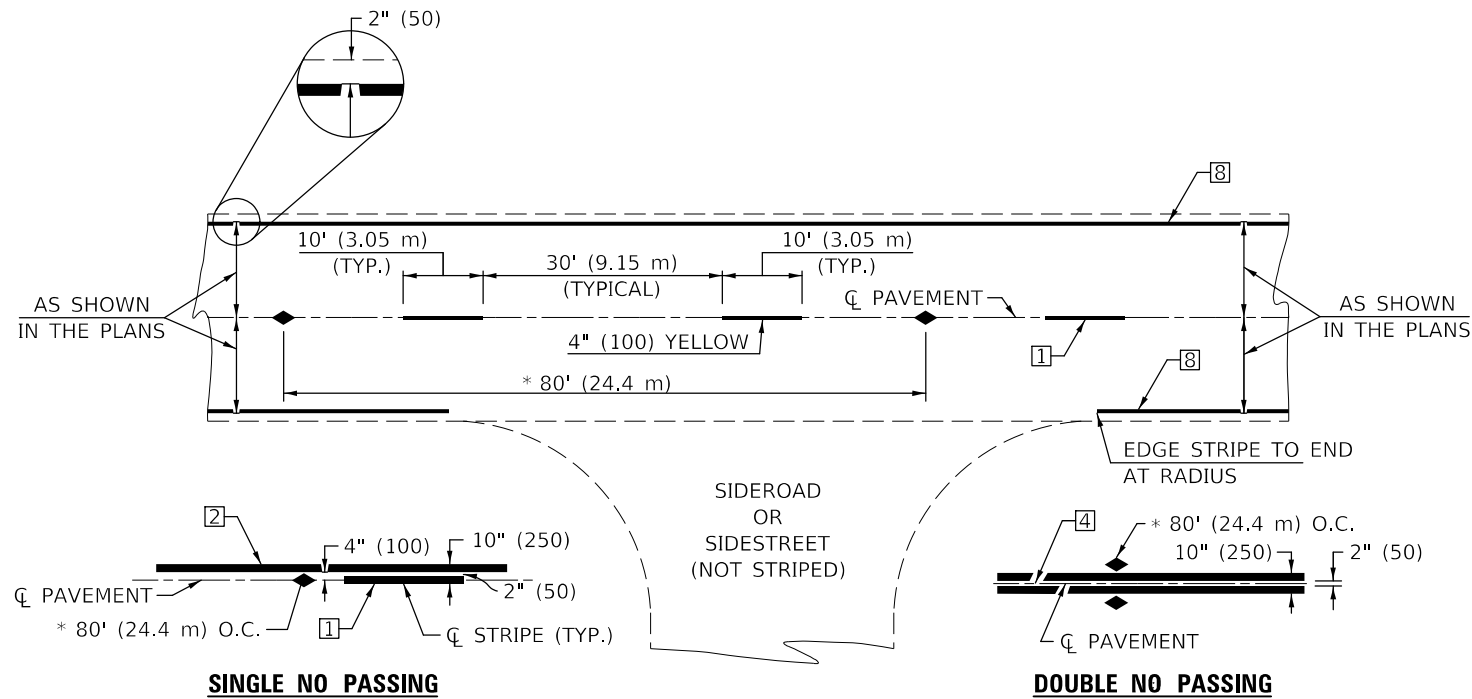
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	DRAWN -	REVISED - 05/08 KJT
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED - 04/10 KJT
PLOT DATE = 6/15/2018	DATE -	REVISED - 3/6/17 SWN

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PRIVATE COMMERCIAL ENTRANCES  
(NONCOMMERCIAL AND COMMERCIAL RURAL)

SCALE: SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	38
			CONTRACT NO. 70D07	
ILLINOIS FED. AID PROJECT				



\* REDUCE TO 40' (12.2 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEEDS OF 45 mph (70 km/h) OR LESS.

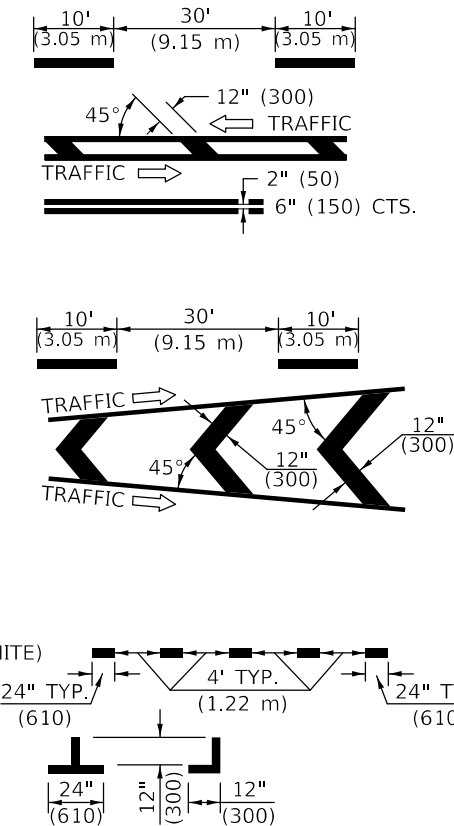
**TWO LANE/TWO WAY**

**TYPICAL PAVEMENT MARKING LEGEND**

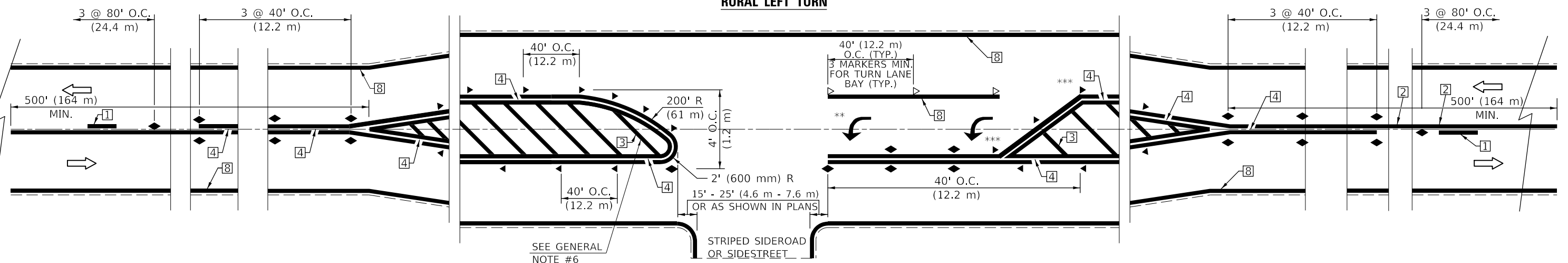
- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 RESERVED
- 6 RESERVED
- 7 4" (100) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)
- 12 8" (200) SOLID (WHITE)
- 13 4" (100) LANE LINE EXTENSIONS (WHITE)
- 14 4" (100) PARKING WHITE

**TYPICAL PAVEMENT MARKERS LEGEND**

- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER



**RURAL LEFT TURN**



\*\*\* REDUCE SPACING IF NECESSARY TO ASSURE MARKERS AT CORNER POINTS.  
 \*\* TURN ARROWS SHALL BE PLACED AS SHOWN ON SHEET #2.

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

**DISTRICT 5 DETAIL NO. 7800AAAA**

USER NAME = CurtinCB	DESIGNED -	REVISD - 11/06
	DRAWN -	REVISD - 9/2009 KJT
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISD - 04/14 JLA
PLOT DATE = 6/15/2018	DATE -	REVISD -

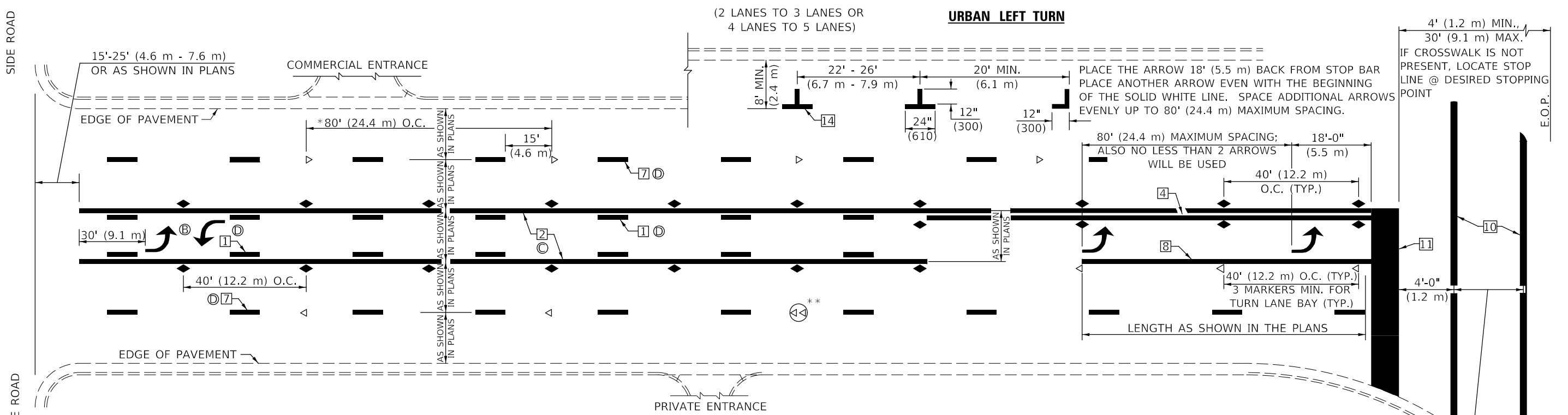
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND MARKERS  
(RURAL & URBAN APPLICATIONS)**

SCALE: SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	39
CONTRACT NO. 70D07				
ILLINOIS FED. AID PROJECT				

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FILE: \\NAME: \\PROJECTS\DISTRICT 5\PROJECTS\DISTRICT 5\CADD\DATA\CAD\DETAILS\78007-shc-detail.dgn

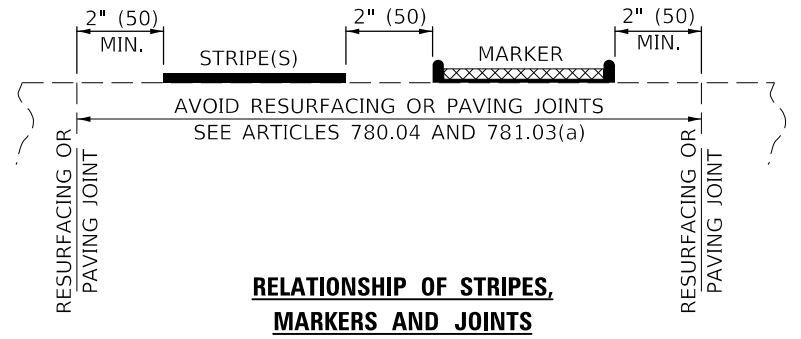
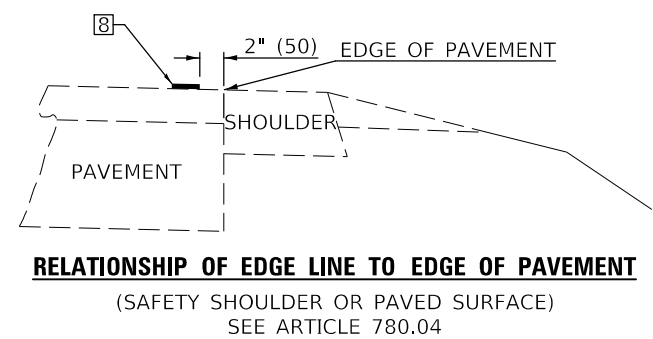
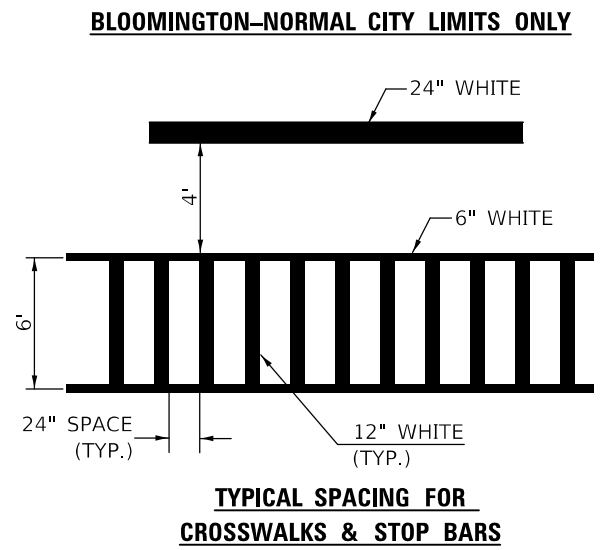
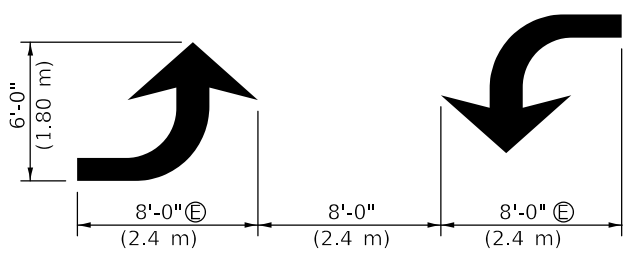
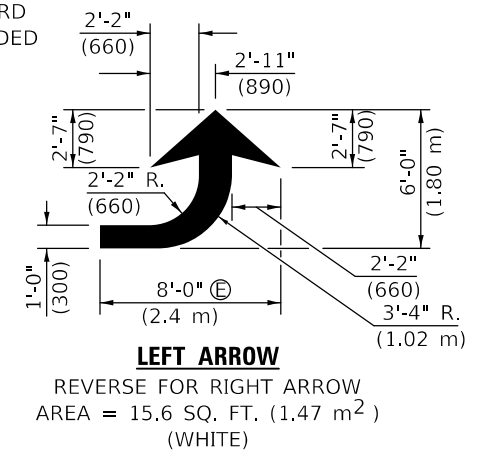


\* REDUCE TO 40 FEET (12.2 METERS) ON CENTER ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH (15 km/h) LOWER THAN POSTED SPEEDS.

\*\* DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED AND SPACED AS SHOWN IN HIGHWAY STANDARD 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED HIGHWAYS.

**GENERAL NOTES:**

- ⓑ TURN ARROW PAIRS SHALL BE PLACED AT 250' (75 m) INTERVALS AND SHALL BE EVENLY SPACED BETWEEN BOTH ENDS OF THE BIDIRECTIONAL LEFT TURN LANE.
- ⓒ THE SOLID YELLOW PAVEMENT MARKINGS ② SHOULD GENERALLY START OR END NEAR THE RADIUS POINT OF EACH STREET RETURN EXCEPT WHERE ONE OR BOTH ENDS WOULD INCLUDE STOP BARS.
- ⓓ THE SKIP-DASH PAVEMENT MARKINGS ① OR ⑦ SHOULD BE CENTERED BETWEEN BOTH ENDS OF EACH CITY BLOCK AND SHALL BE PLACED SO THEY LINE UP ACROSS FROM EACH OTHER. SEE EXAMPLE ON SHEET 2 OF 3.
- ⓔ USE LARGE ARROW SIZE FOR BOTH RURAL AND URBAN LOCATIONS. (SEE LAST PAGE OF SECTION 780x FOR SYMBOLS TABLE)



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

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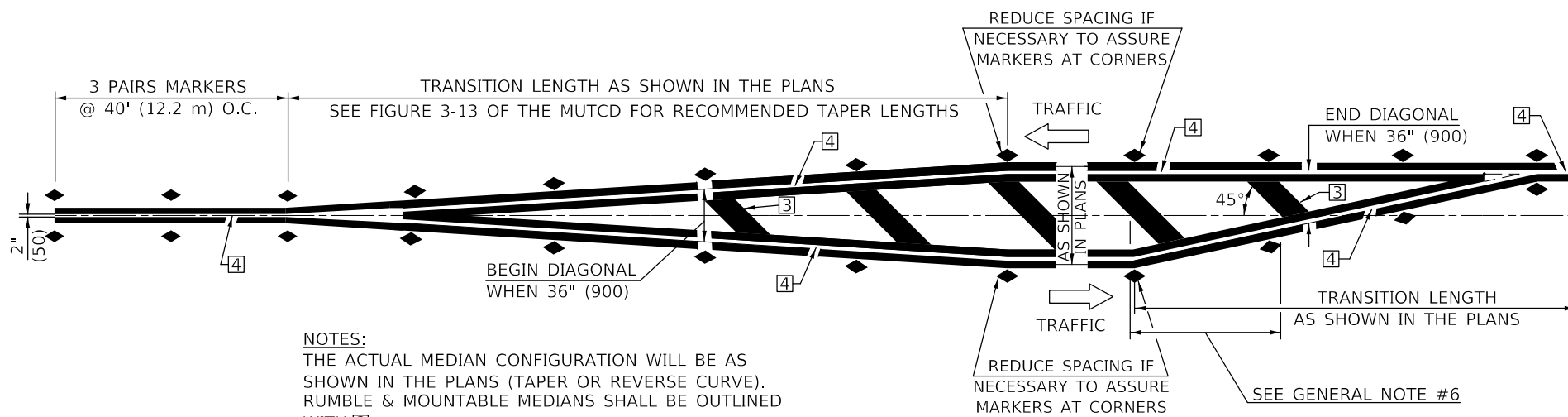
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PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED - 04/14 JLA
PLOT DATE = 6/15/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND MARKERS  
(RURAL & URBAN APPLICATIONS)**

SCALE: SHEET 2 OF 4 SHEETS STA. TO STA.

DISTRICT 5 DETAIL NO. 7800AAAA				
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	40
			CONTRACT NO. 70D07	
ILLINOIS FED. AID PROJECT				

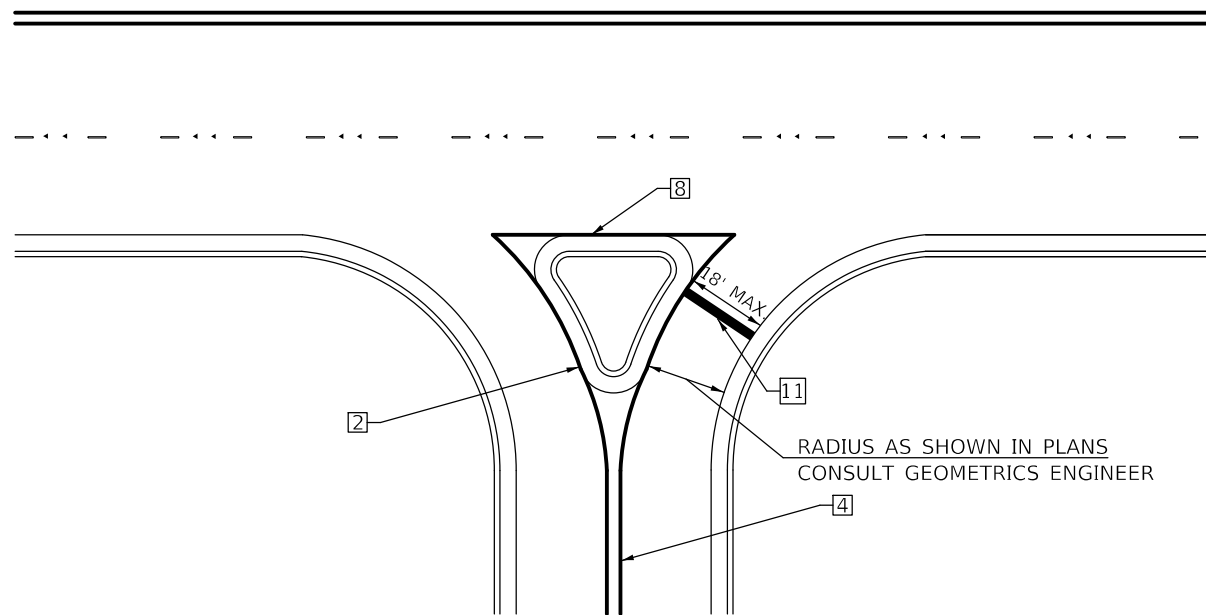


NOTES:  
 THE ACTUAL MEDIAN CONFIGURATION WILL BE AS SHOWN IN THE PLANS (TAPER OR REVERSE CURVE). RUMBLE & MOUNTABLE MEDIANS SHALL BE OUTLINED WITH [2].

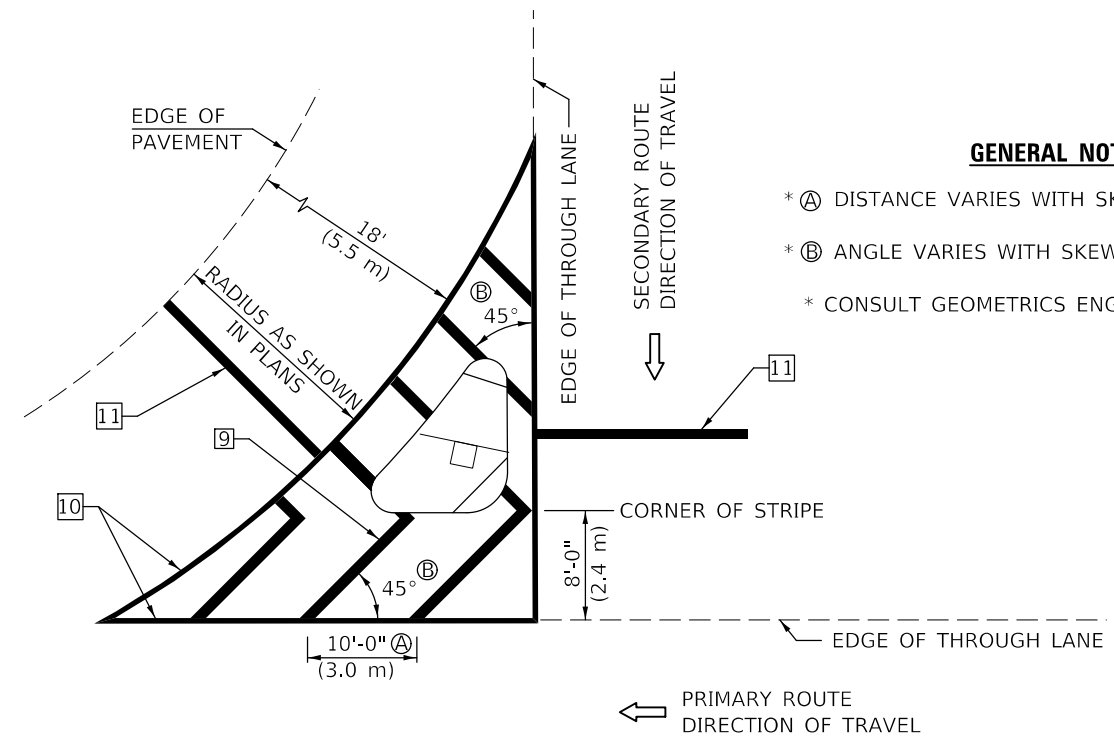
**TYPICAL MEDIAN TRANSITIONS**

**GENERAL NOTES**

1. WHEN MEDIANS ARE PRESENT, PAVEMENT MARKINGS ARE TO BE PLACED ADJACENT TO MEDIANS.
2. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
3. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
4. A STRIPING KEY IS AVAILABLE ELSEWHERE AND SHALL BE SHOWN WHERE THE QUANTITIES ARE LISTED.
5. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING ANY RAISED REFLECTIVE PAVEMENT MARKERS.
6. THE FOLLOWING CRITERIA SHALL BE USED FOR SELECTING THE DIAGONAL PAVEMENT MARKING SPACING,  
 <30 MPH USE 15' (<50 km/h USE 4.5 m)  
 30-45 MPH USE 20' (50-75 km/h USE 6.0 m)  
 >45 MPH USE 30' (>75 km/h USE 9.0 m)



**RIGHT IN - RIGHT OUT ACCESS**



**ISLAND**

**GENERAL NOTES**

- \* A DISTANCE VARIES WITH SKEW OF INTERSECTION.
- \* B ANGLE VARIES WITH SKEW OF INTERSECTION.
- \* CONSULT GEOMETRICS ENGINEER

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

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	DRAWN -	REVISED - 9/2009 KJT
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PLOT DATE = 6/15/2018	DATE -	REVISED -

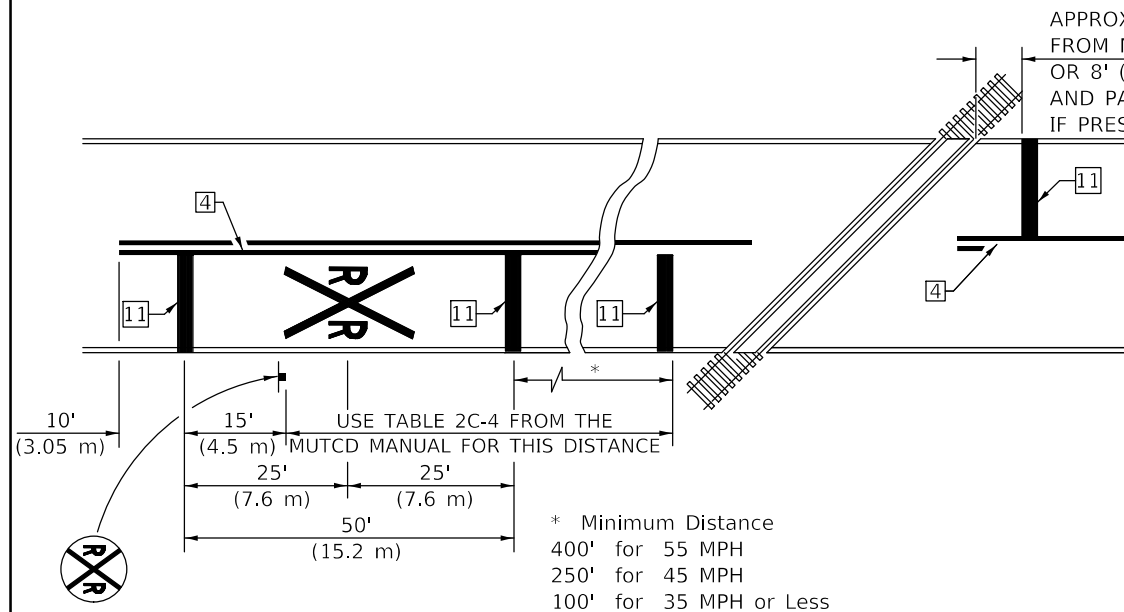
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND MARKERS  
 (RURAL & URBAN APPLICATIONS)**

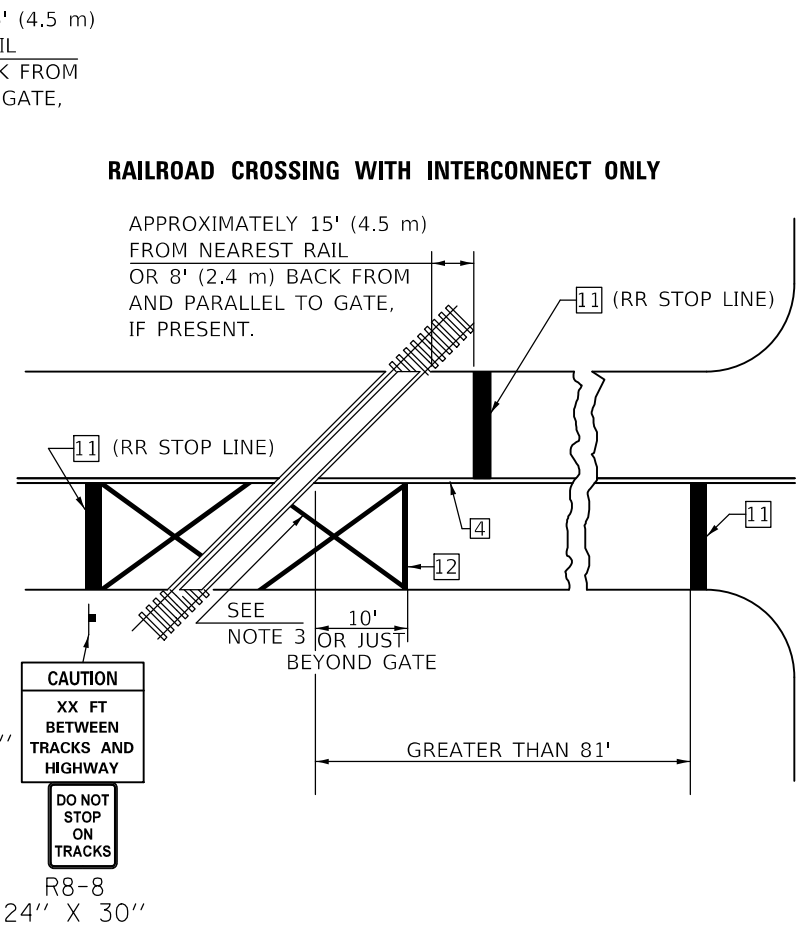
SCALE: SHEET 3 OF 4 SHEETS STA. TO STA.

DISTRICT 5 DETAIL NO. 7800AAAA				
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	41
CONTRACT NO. 70D07				
ILLINOIS FED. AID PROJECT				

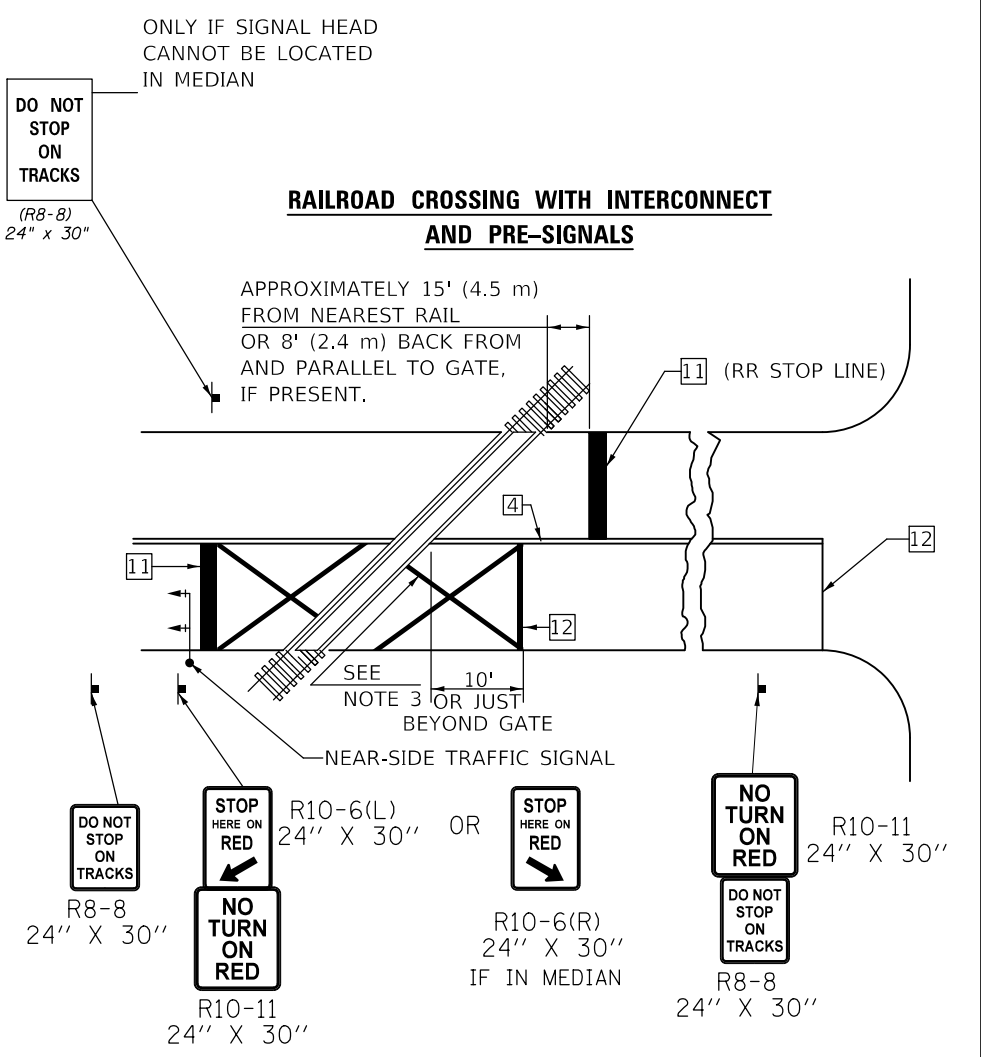
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 CHECKED BY: \\CHECKEDBY  
 DESIGNED BY: \\DESIGNEDBY  
 REVISIONS: \\REVISIONS



**PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING**



**RAILROAD CROSSING WITH INTERCONNECT ONLY**



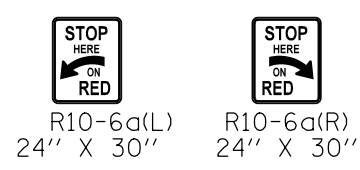
**RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS**

**GENERAL NOTES**

1. SUPPLEMENTAL PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
2. EXTEND PAVEMENT MARKINGS TO THE INTERSECTION ONLY WHERE NEAR-SIDE TRAFFIC SIGNALS ARE USED.
3. 6" WHITE PAVEMENT MARKINGS AT 45° TO PAVEMENT, 8' CENTER TO CENTER.
4. XX DISTANCE TO BE SHOWN ON SIGN MEASURED FROM A POINT 6 FEET FROM THE RAIL CLOSEST TO THE INTERSECTION OR FROM THE CLOSEST POINT ALONG THE EXIT GATE IF PRESENT OVER THE ROADWAY WHEN IN THE LOWERED POSITION TO THE STOP BAR OR CROSSWALK, WHICH EVER IS CLOSEST, ROUNDED DOWN TO NEAREST 5 FEET. WHERE THERE IS NO STOP LINE, MEASURE TO POINT WHERE DRIVER HAS A VIEW OF APPROACHING TRAFFIC.
5. THE CLEARANCE SIGN IS ALSO TO BE USED AS AN INTERIM MEASURE AT LOCATIONS WITH INTERCONNECTED INTERSECTION TRAFFIC SIGNALS WHERE IT IS PLANNED TO CHANGE THEM TO NEAR-SIDE SIGNALS AT A FUTURE TIME. IN THIS CASE, THE DISTANCE TO BE SHOWN ON THE SIGN IS MEASURED FROM THE EDGE OF THE STRIPED-OUT AREA INSTEAD OF 6 FEET FROM THE RAIL. THE SIGN IS TO BE REMOVED WHEN THE NEAR-SIDE SIGNALS ARE INSTALLED AND THE PAVEMENT MARKINGS EXTENDED TO THE INTERSECTION.

**SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING**

**ALTERNATE SIGNS**



**NOTES**

THE TRAVERSE SPREAD OF THE "X" MAY VARY ACCORDING TO LANE WIDTH.

ON MULTI-LANE ROADS, THE STOP LINES SHALL EXTEND ACROSS ALL APPROACH LANES AND SEPARATE RXR SYMBOLS SHALL BE PLACED ADJACENT TO EACH OTHER IN EACH LANE.

WHEN THE PAVEMENT MARKING SYMBOL IS USED, A PORTION OF THE SYMBOL SHOULD BE LOCATED DIRECTLY ADJACENT TO THE ADVANCE WARNING SIGN (W10-1) AS PLACED BY TABLE II-1, CONDITION B OF THE MUTCD.

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

**DISTRICT 5 DETAIL NO. 7800AAAA**

USER NAME = CurtinCB	DESIGNED -	REVISD - 11/06
	DRAWN -	REVISD - 9/2009 KJT
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PLOT DATE = 6/15/2018	DATE -	REVISD -

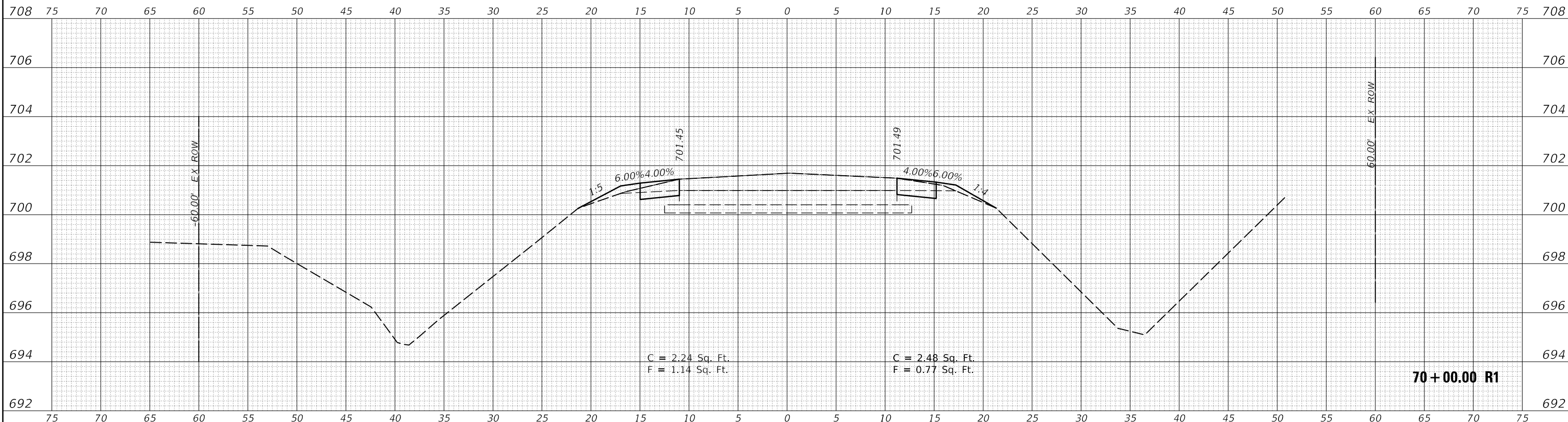
**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)**

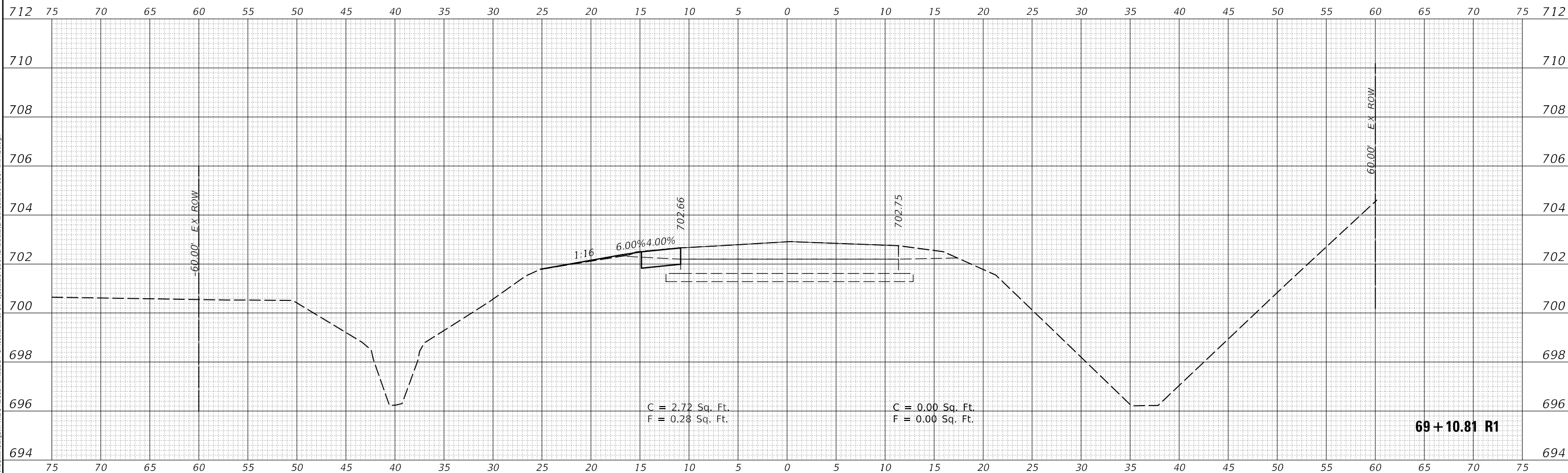
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	42
CONTRACT NO. 70D07				
ILLINOIS FED. AID PROJECT				

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



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



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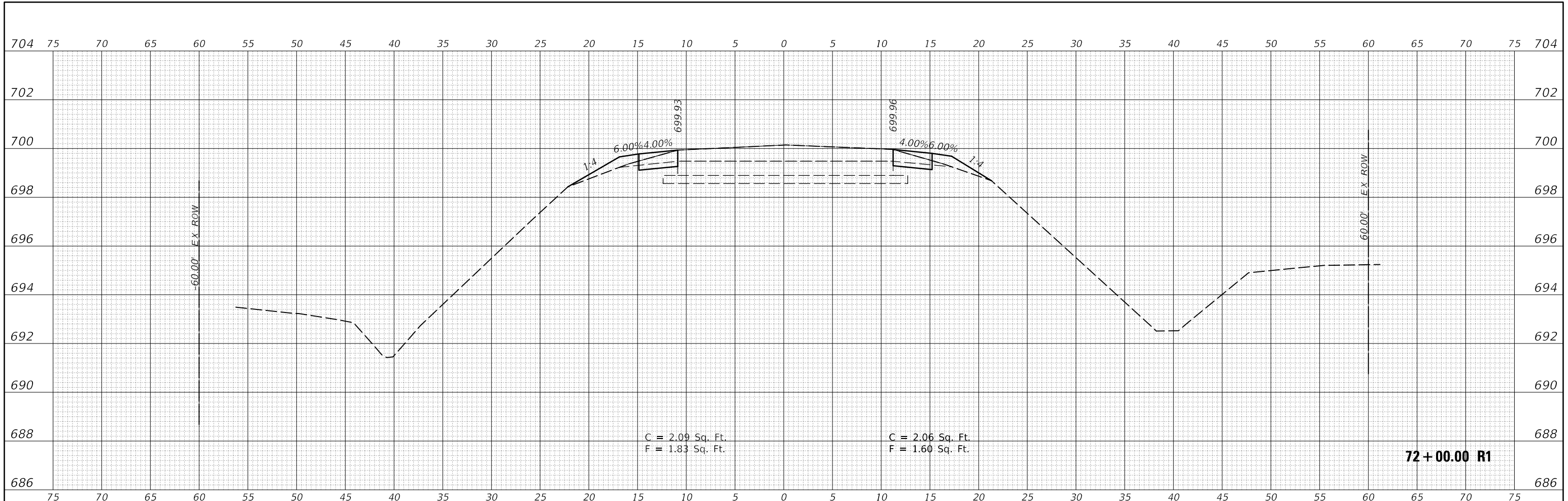
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PLOT DATE = 6/15/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

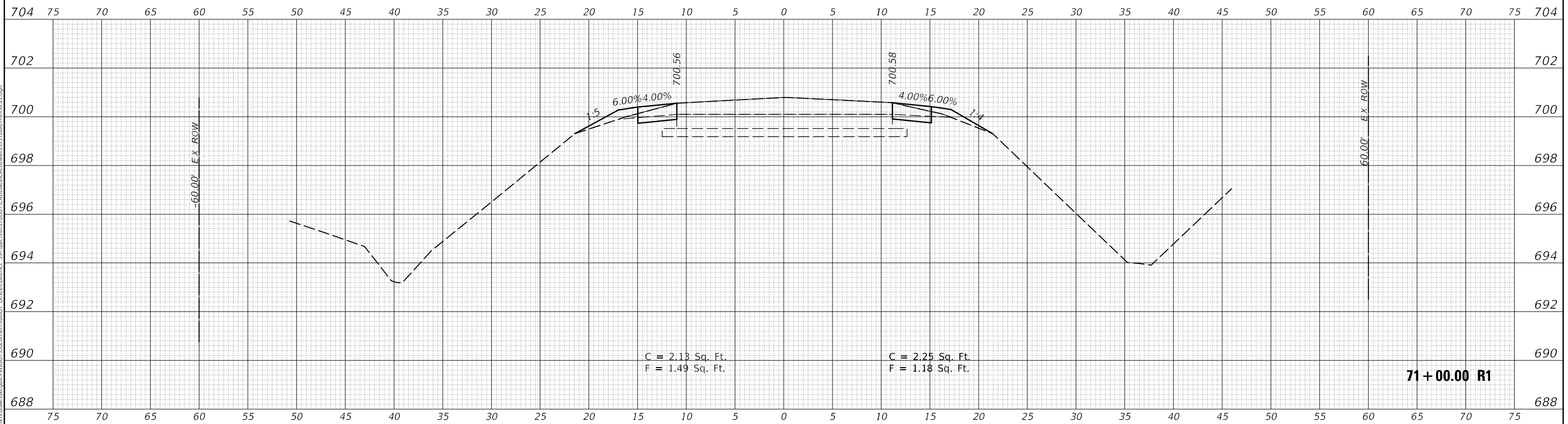
<b>CROSS SECTIONS HENNING RD</b>		
SCALE:	SHEET 1	OF 237 SHEETS
	STA. 69+10.81 R1 TO STA. 70+00.00 R1	

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	43
				CONTRACT NO. 70D07
				ILLINOIS FED. AID PROJECT

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



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	DRAWN -	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 6/15/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 HENNING RD**

SCALE: SHEET 2 OF 237 SHEETS STA. 71+00.00 R1 TO STA. 72+00.00 R1

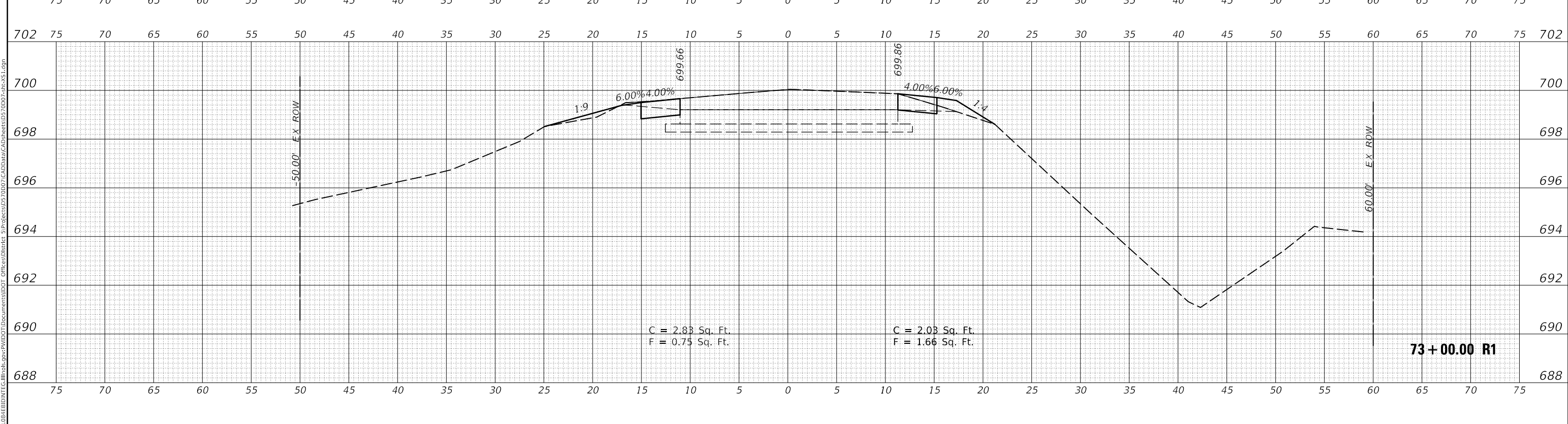
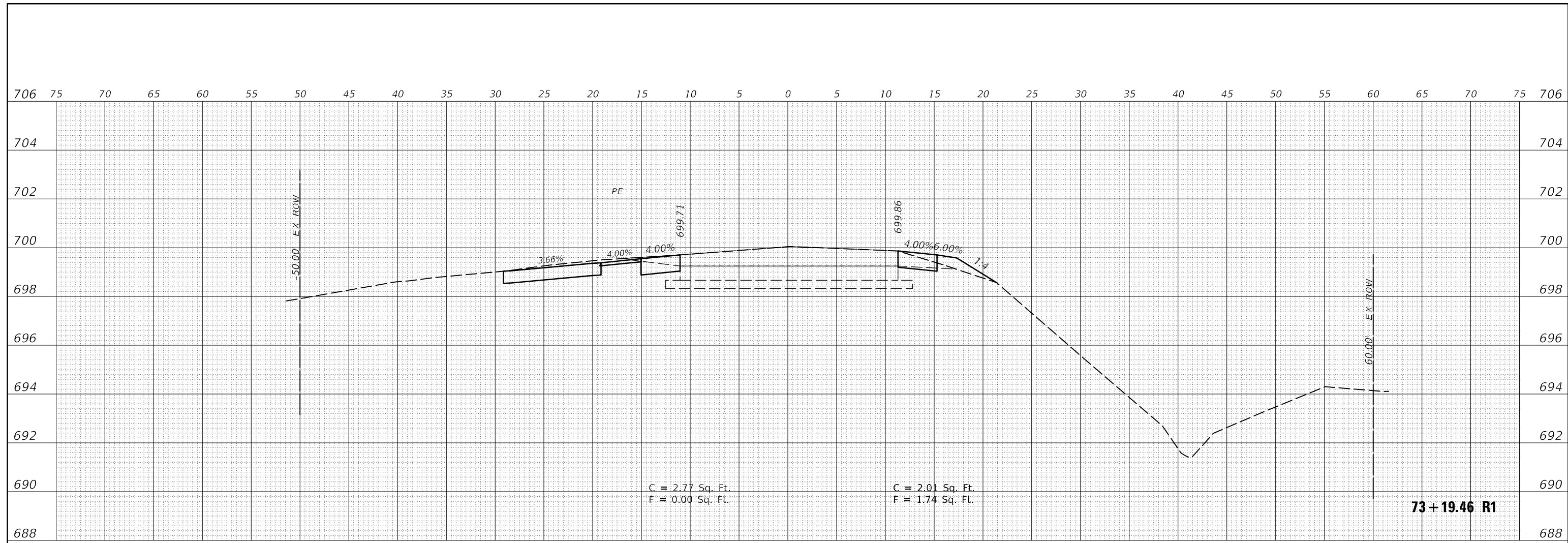
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				ILLINOIS FED. AID PROJECT



DATE	
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TEMPLATE	
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NOTE BOOK	
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DATE	
BY	
SURVEYED	
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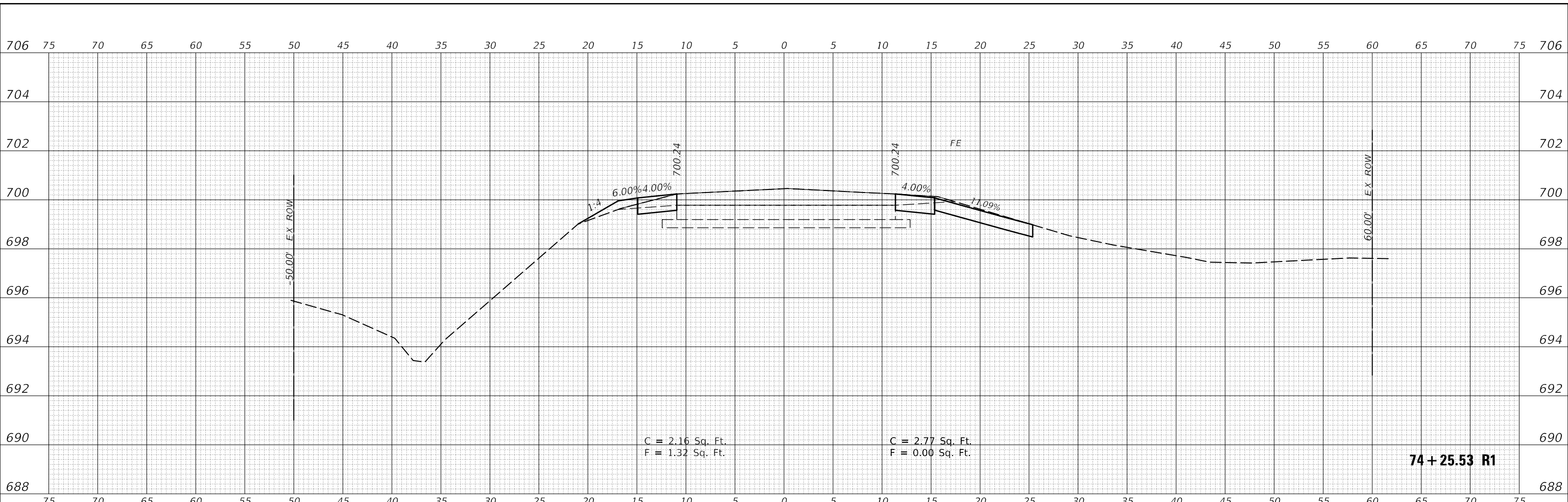
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PLOT DATE	= 6/15/2018	DATE	-	REVISED	-

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

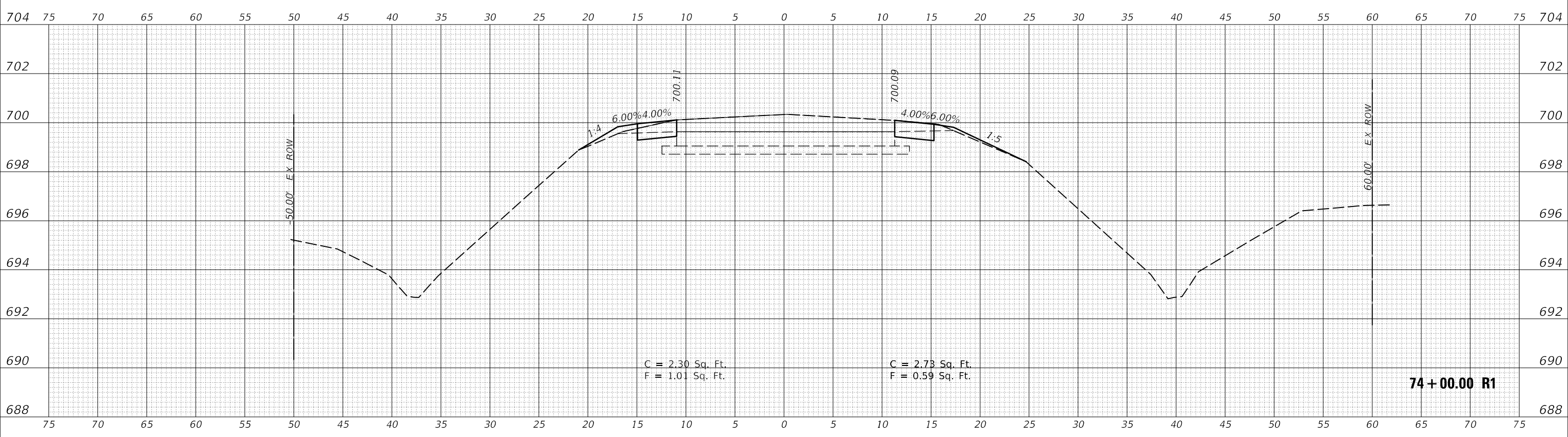
<b>CROSS SECTIONS HENNING RD</b>	
SCALE:	SHEET 3 OF 237 SHEETS
STA. 73+00.00 R1 TO STA. 73+19.46 R1	

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	45
CONTRACT NO. 70D07				
ILLINOIS FED. AID PROJECT				

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



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



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PLOT SCALE = 10.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 6/15/2018	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SCALE:	SHEET 4 OF 237 SHEETS	STA. 74+00.00 R1 TO STA. 74+25.53 R1
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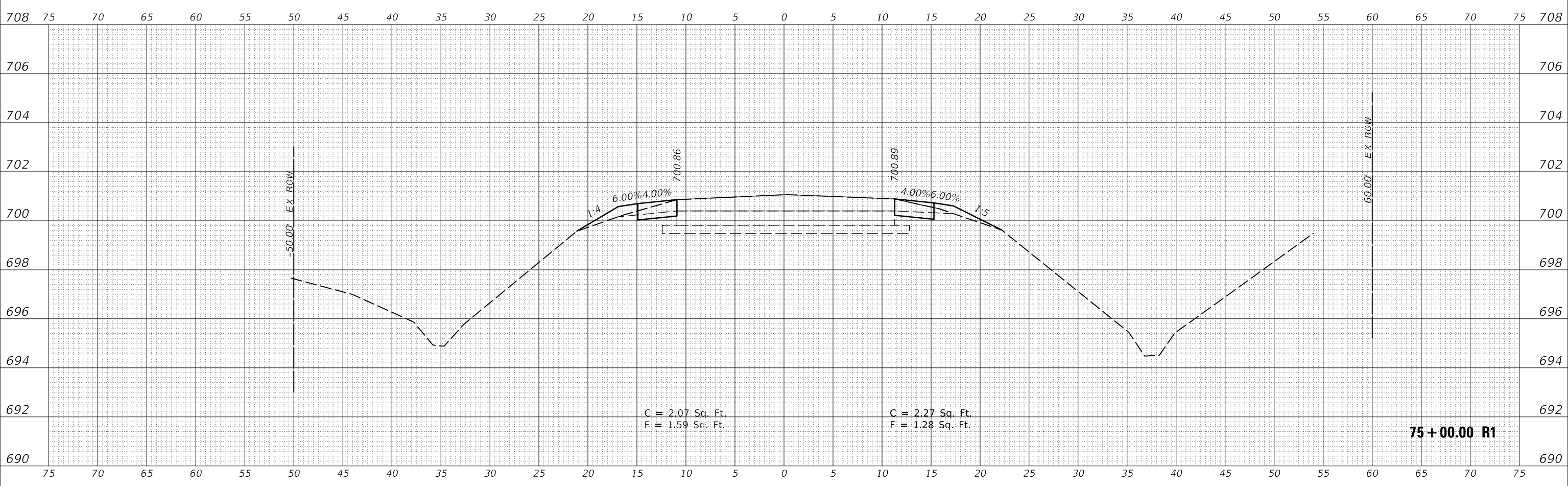
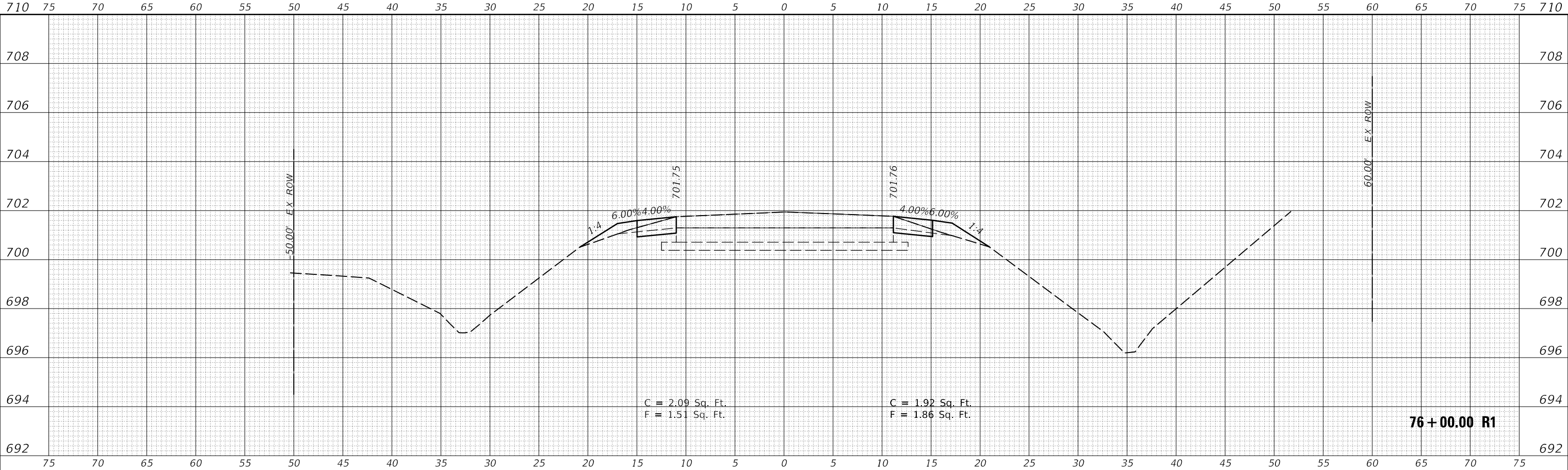
**CROSS SECTIONS  
HENNING RD**

F.A.S. RTE. 498	SECTION (76,71,68,67,65,64)SR	COUNTY VERMILION	TOTAL SHEETS 279	SHEET NO. 46
CONTRACT NO. 70D07				ILLINOIS FED. AID PROJECT

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

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

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USER NAME = CurtinCB	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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PLOT DATE = 6/15/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

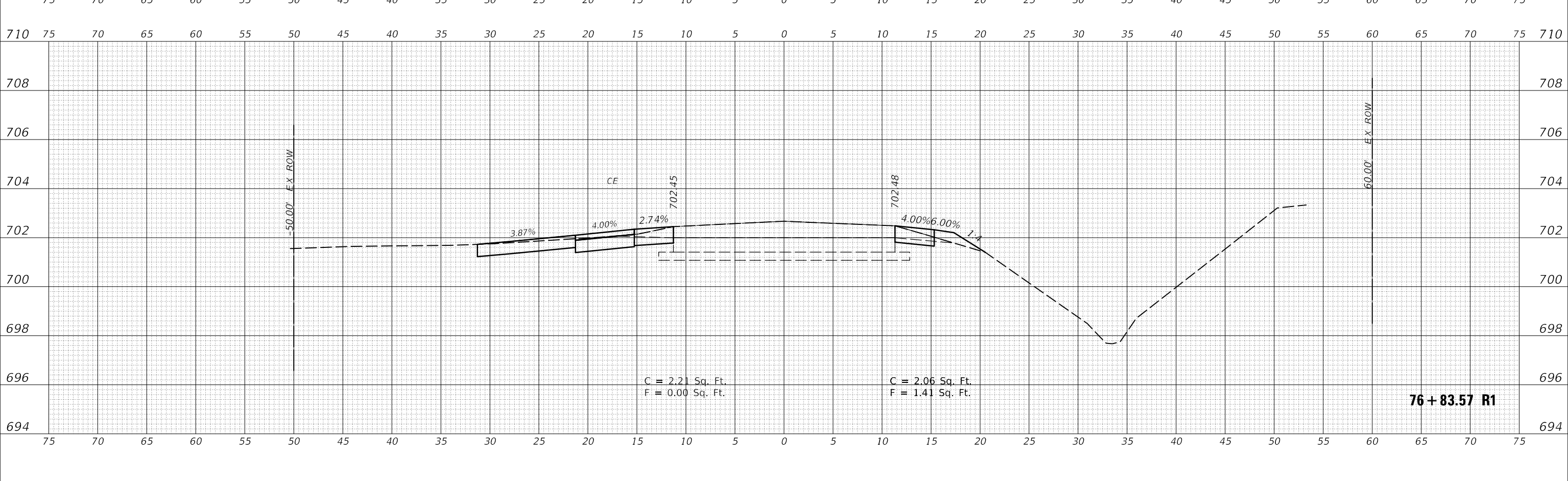
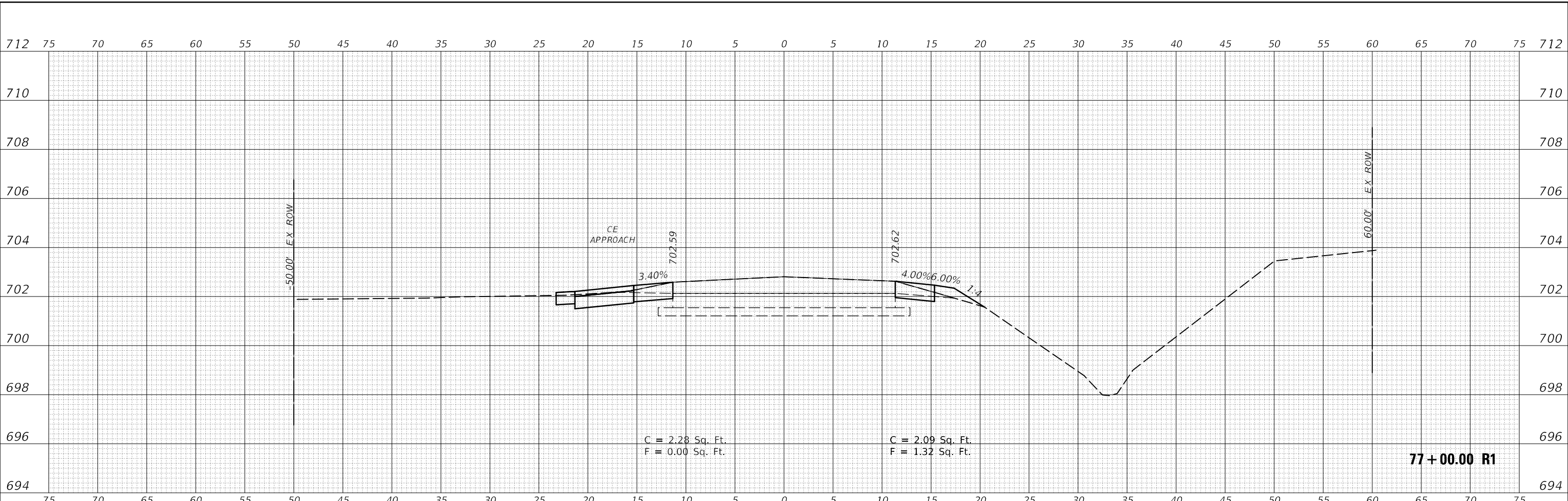
<b>CROSS SECTIONS HENNING RD</b>		
SCALE:	SHEET 5	OF 237 SHEETS
	STA. 75+00.00 R1 TO STA. 76+00.00 R1	

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	47
CONTRACT NO. 70D07				
ILLINOIS FED. AID PROJECT				

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

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

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PLOT DATE = 6/15/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

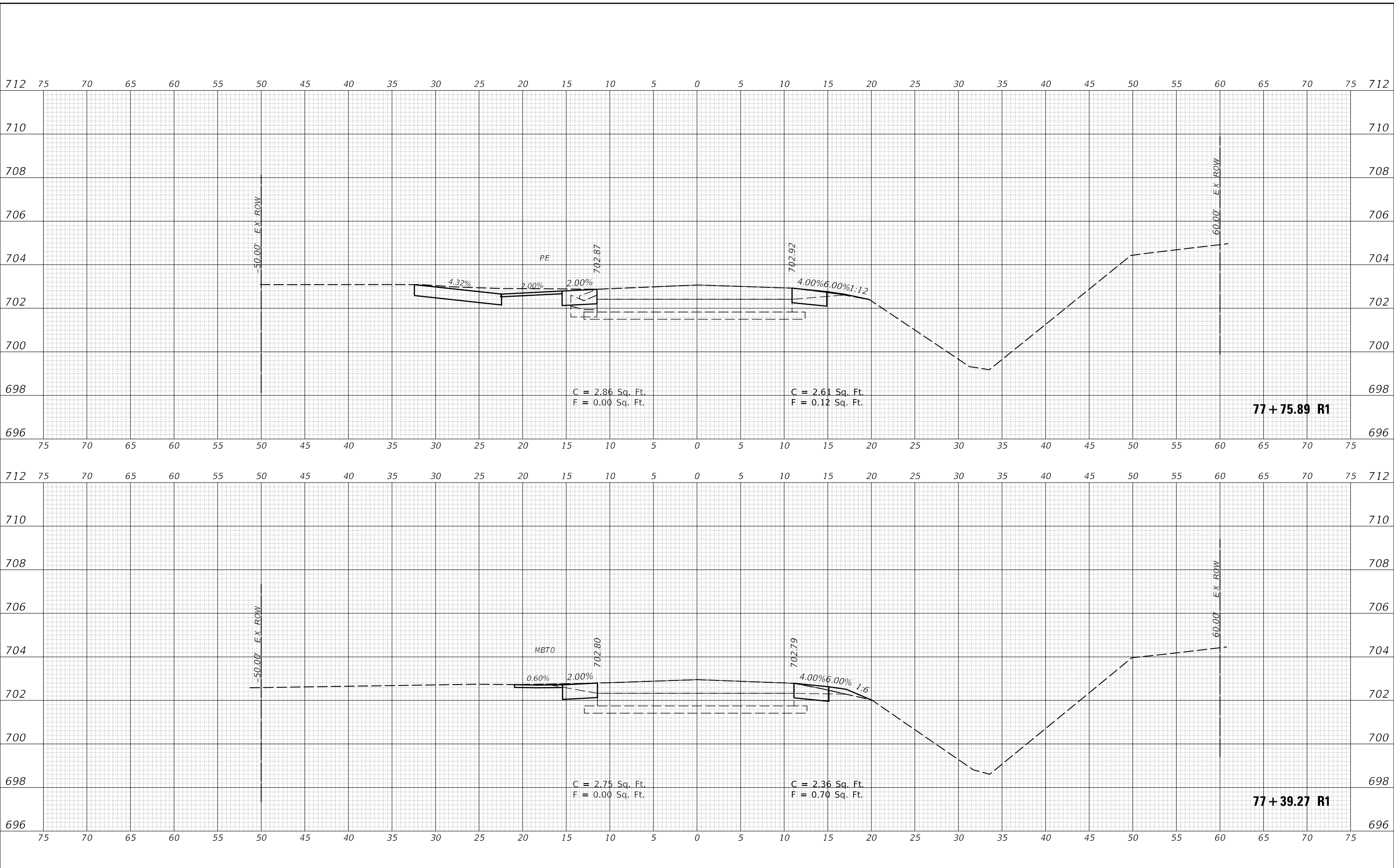
<b>CROSS SECTIONS HENNING RD</b>		
SCALE:	SHEET 6 OF 237 SHEETS	STA. 76+83.57 R1 TO STA. 77+00.00 R1

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	48
CONTRACT NO. 70D07				
ILLINOIS FED. AID PROJECT				

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

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

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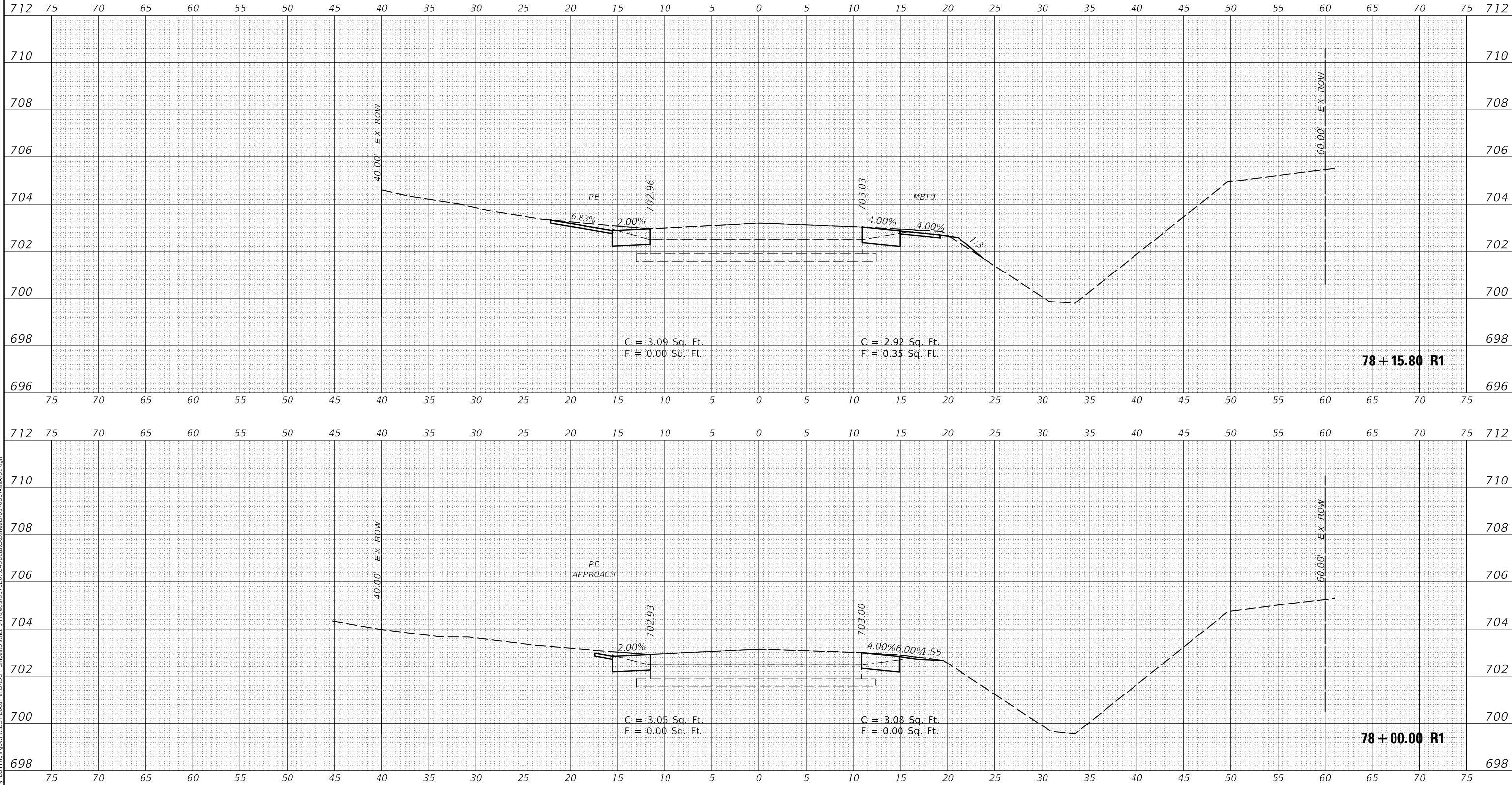


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PLOT DATE = 6/15/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>CROSS SECTIONS HENNING RD</b>	
SCALE:	SHEET 7 OF 237 SHEETS
STA. 77+39.27 R1 TO STA. 77+75.89 R1	

F.A.S. RTE. 498	SECTION (76,71,68,67,65,64)SR	COUNTY VERMILION	TOTAL SHEETS 279	SHEET NO. 49
CONTRACT NO. 70D07				
ILLINOIS FED. AID PROJECT				



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

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

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DRAWN -	REVISION	REVISION
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 6/15/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

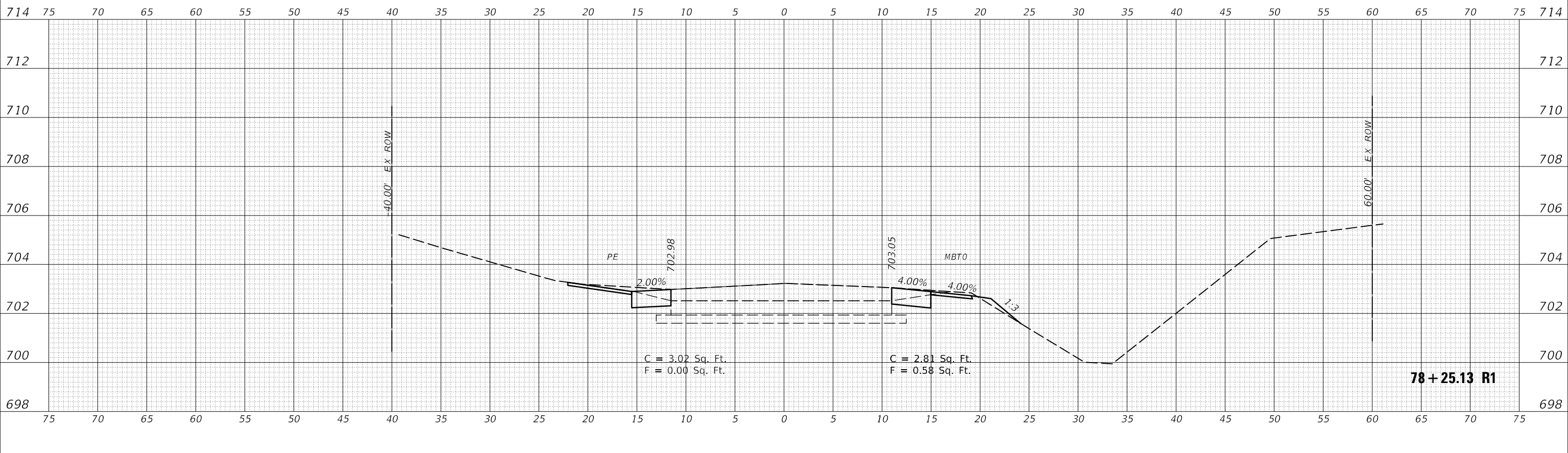
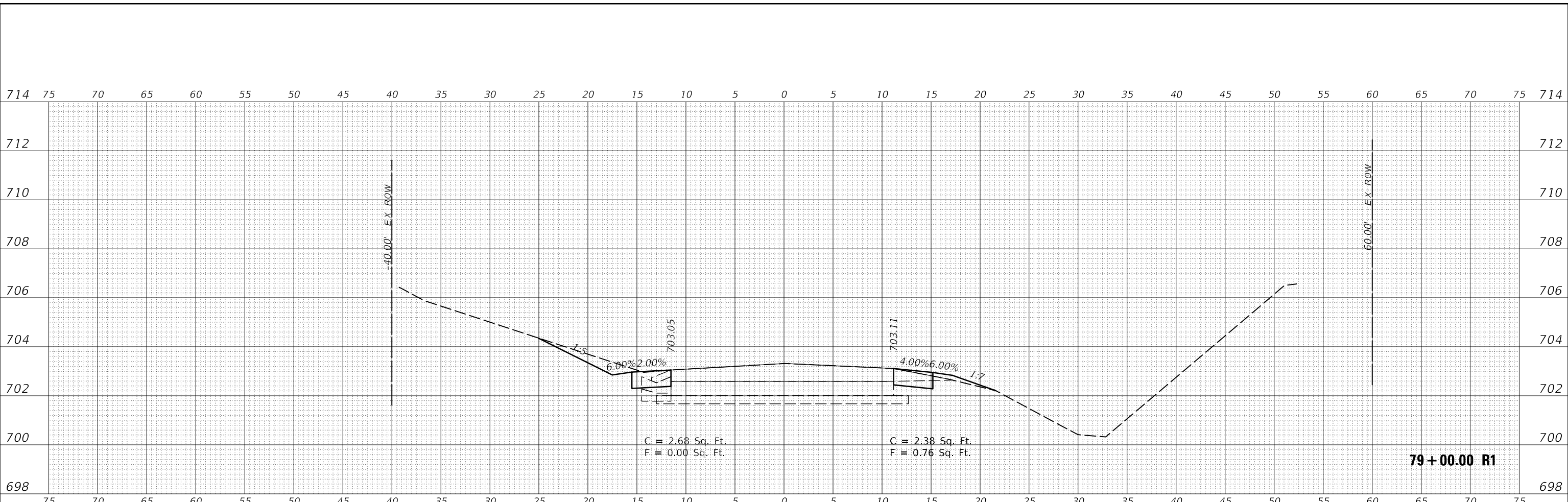
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SCALE:	SHEET 8 OF 237 SHEETS	STA. 78+00.00 R1 TO STA. 78+15.80 R1

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	50
CONTRACT NO. 70D07				
ILLINOIS FED. AID PROJECT				

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

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

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USER NAME = CurtinCB	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 6/15/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>CROSS SECTIONS HENNING RD</b>		
SCALE:	SHEET 9 OF 237 SHEETS	STA. 78+25.13 R1 TO STA. 79+00.00 R1

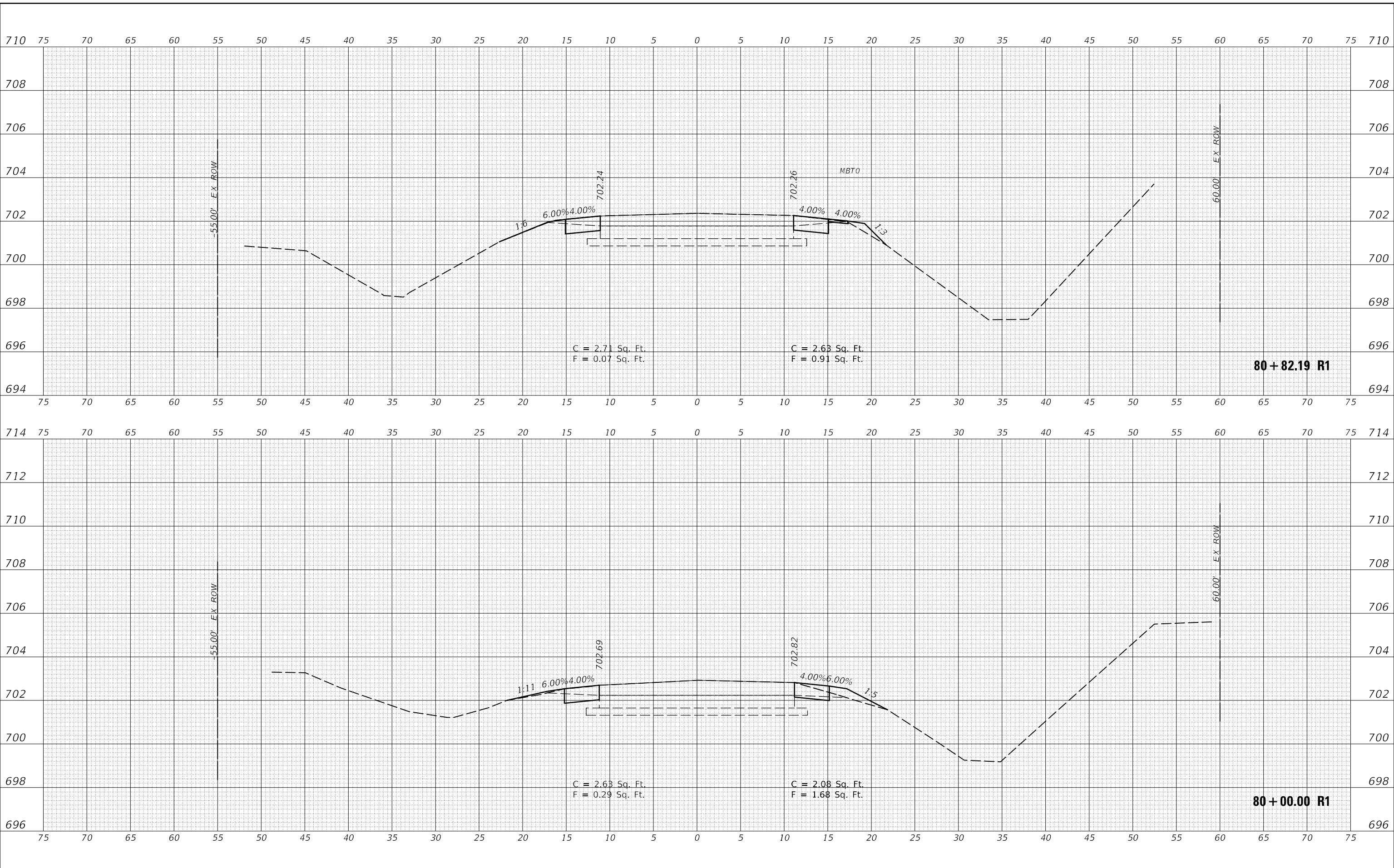
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	51
CONTRACT NO. 70D07				
ILLINOIS FED. AID PROJECT				



FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
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	AREAS CHECKED	

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

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USER NAME = CurtinCB	DESIGNED -	REVISED -
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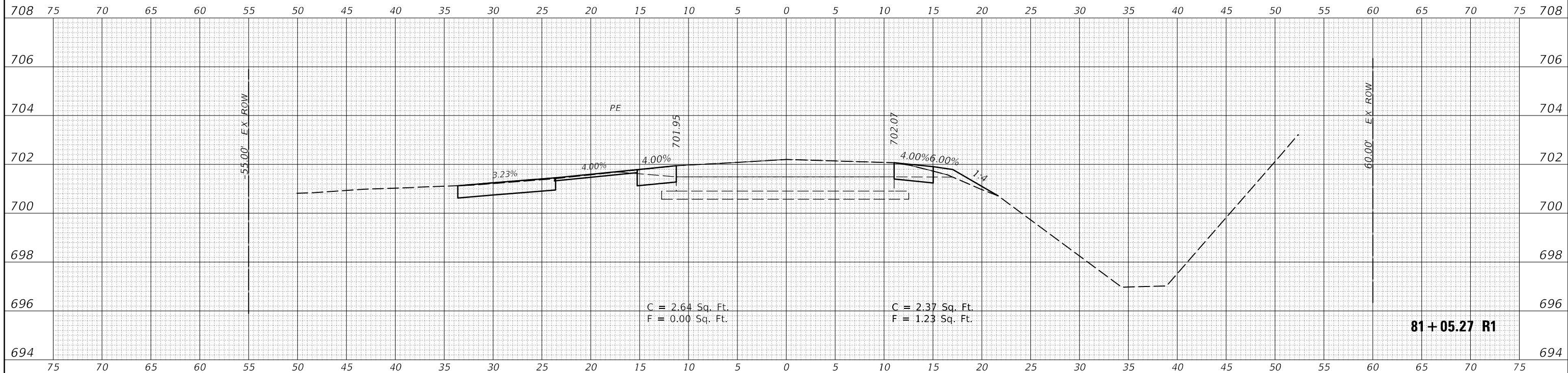
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>CROSS SECTIONS HENNING RD</b>		
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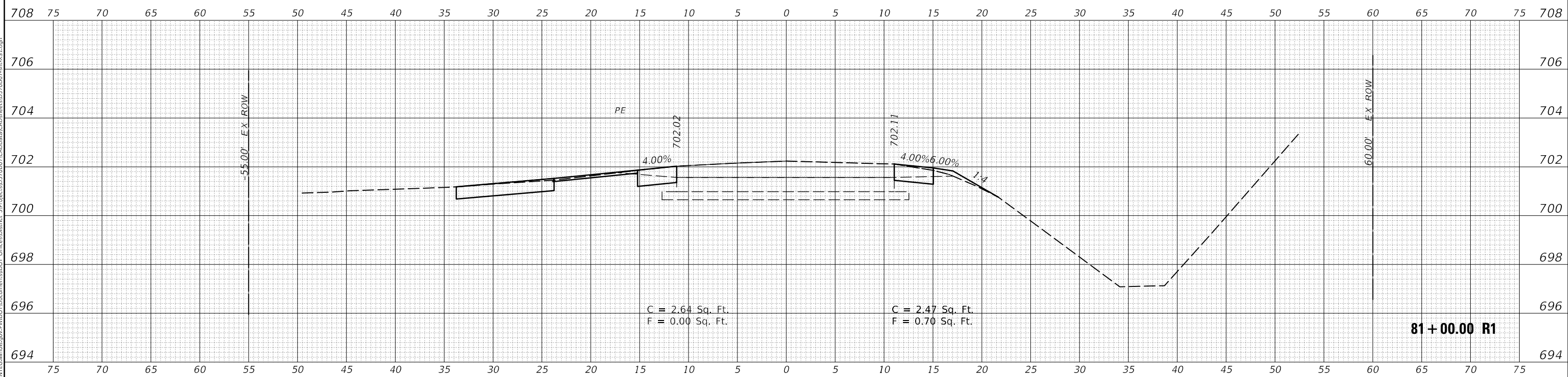
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498	(76,71,68,67,65,64)SR	VERMILION	279	52
CONTRACT NO. 70D07				
ILLINOIS FED. AID PROJECT				



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



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



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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 HENNING RD**

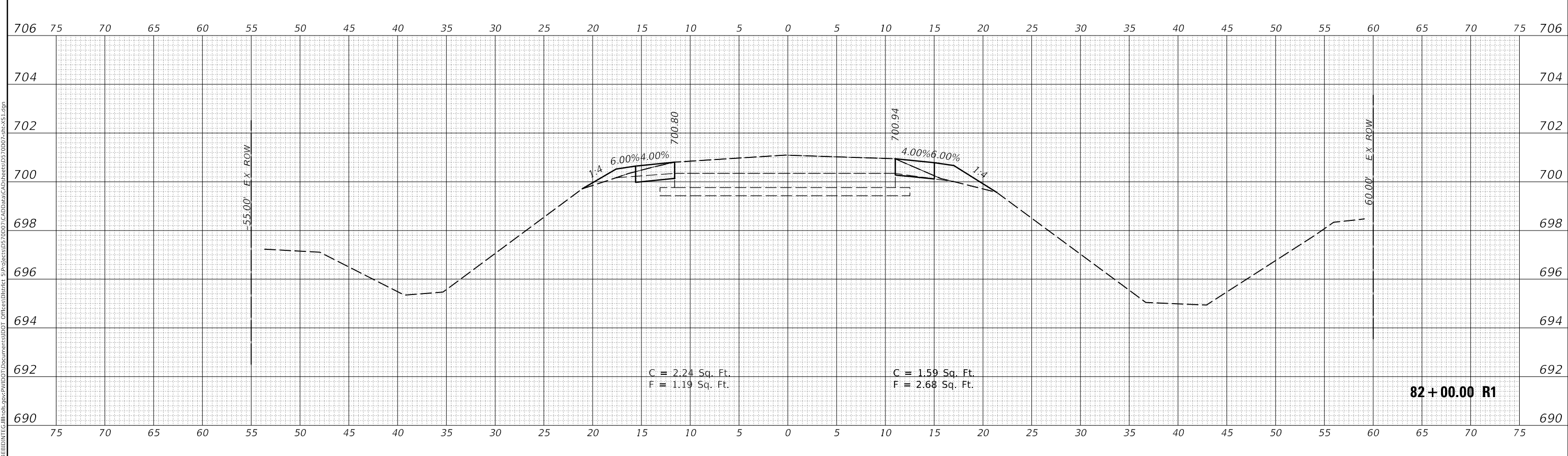
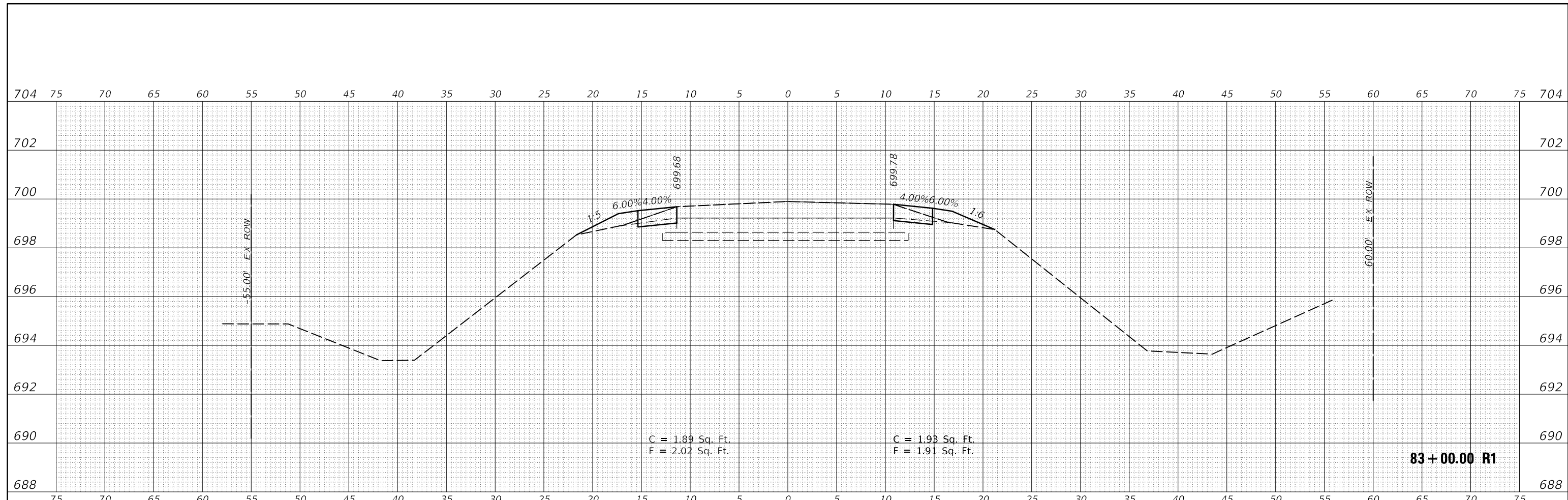
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	53
CONTRACT NO. 70D07				
ILLINOIS FED. AID PROJECT				

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

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

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PLOT DATE = 6/15/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

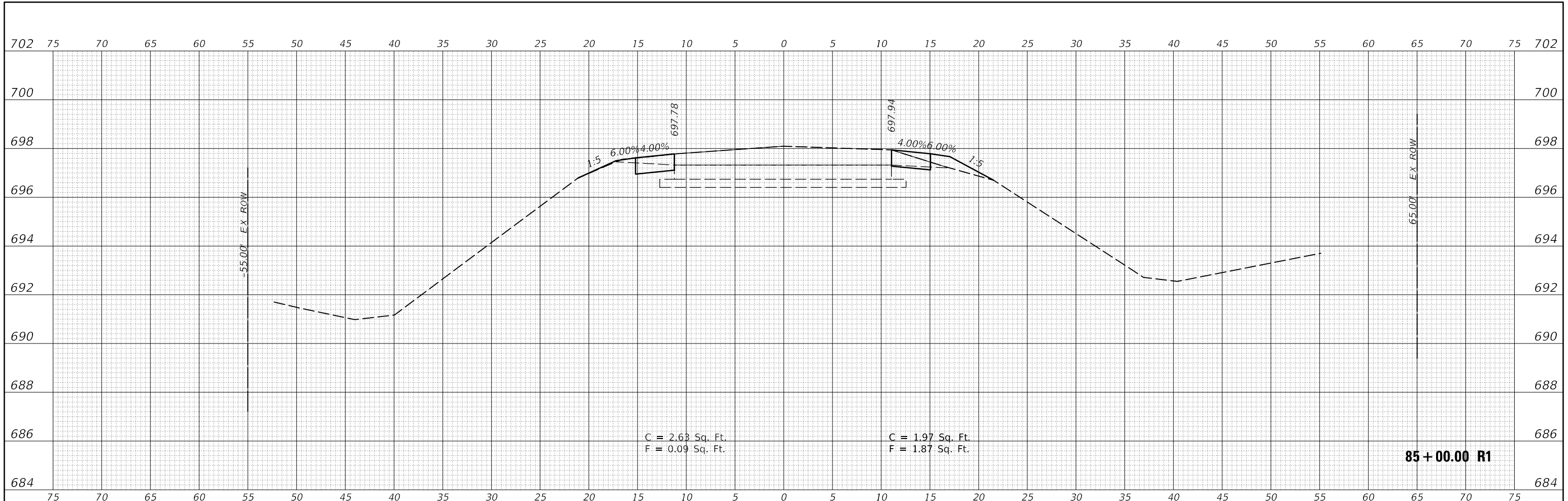
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SCALE:	SHEET 12 OF 237 SHEETS
STA. 82+00.00 R1 TO STA. 83+00.00 R1	

F.A.S. RTE. 498	SECTION (76,71,68,67,65,64)SR	COUNTY VERMILION	TOTAL SHEETS 279	SHEET NO. 54
ILLINOIS			FED. AID PROJECT	

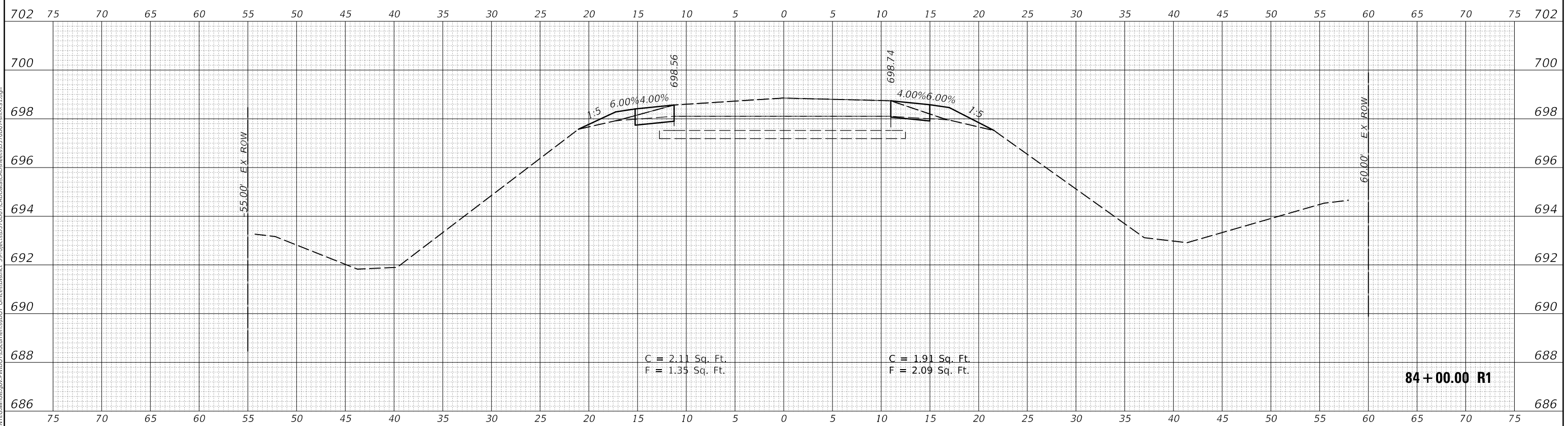
**83 + 00.00 R1**

**82 + 00.00 R1**

FINAL SURVEY NO.	SURVEYED	DATE
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	TEMPLATE	
	AREAS CHECKED	



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



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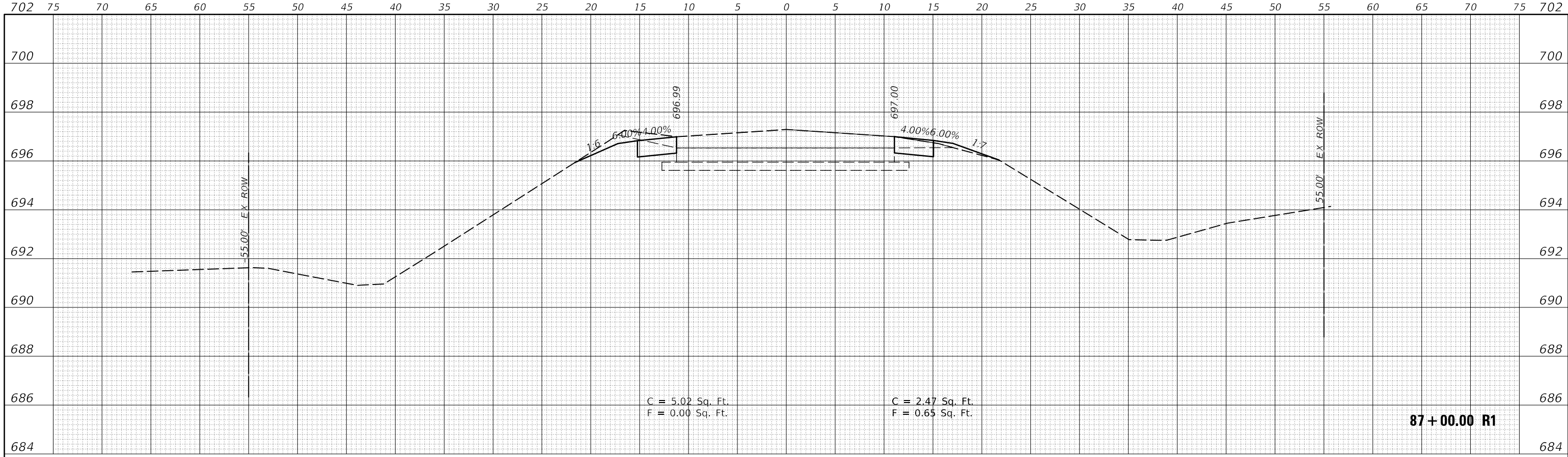
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	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

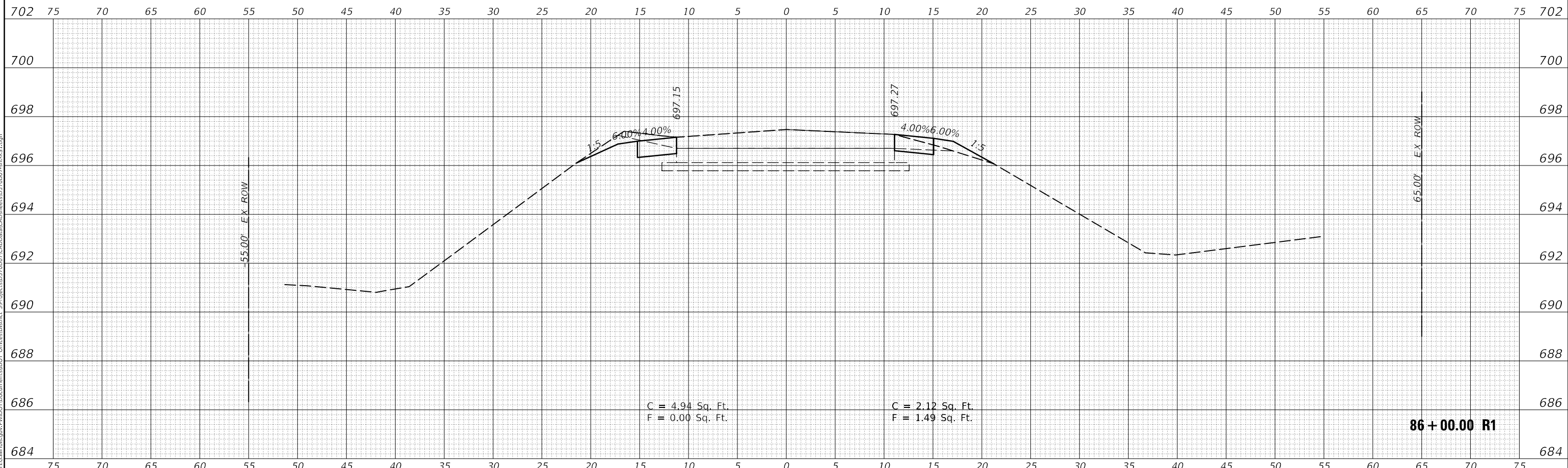
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SCALE:	SHEET 13 OF 237 SHEETS	STA. 84+00.00 R1 TO STA. 85+00.00 R1

F.A.S. RTE. 498	SECTION (76,71,68,67,65,64)SR	COUNTY VERMILION	TOTAL SHEETS 279	SHEET NO. 55
			CONTRACT NO. 70D07	
ILLINOIS FED. AID PROJECT				

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



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



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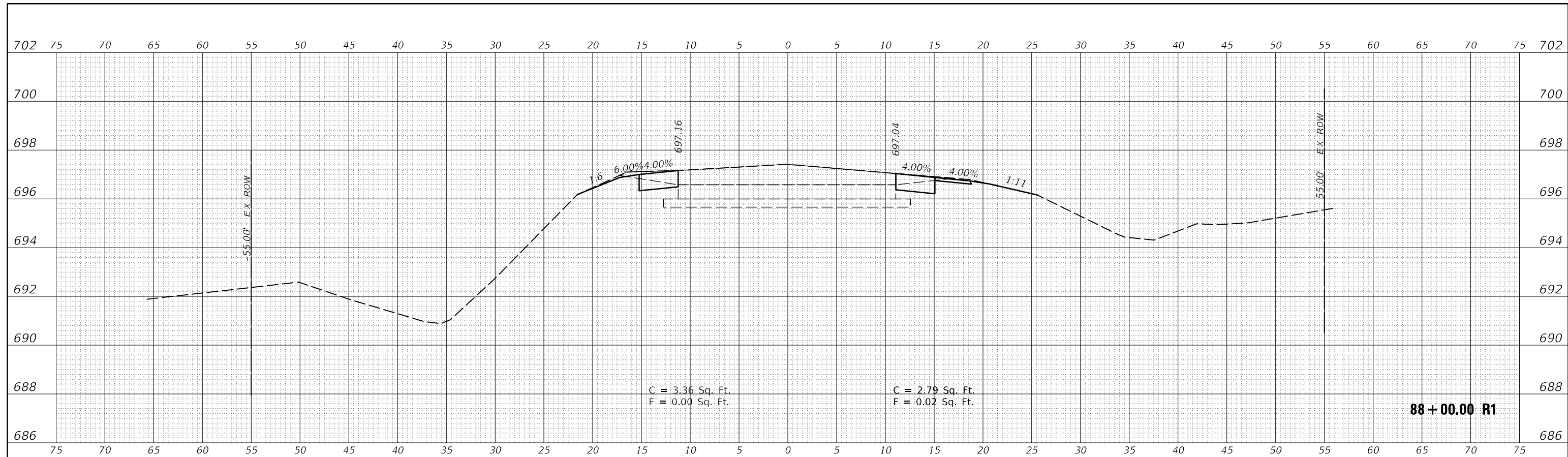
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	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

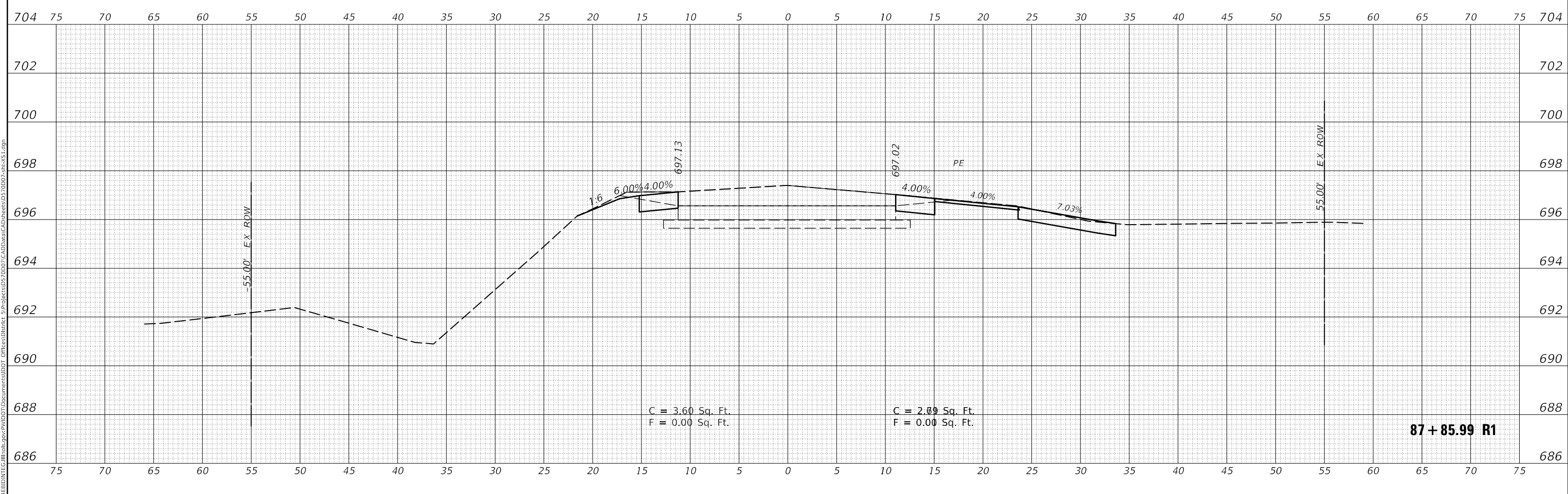
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SCALE:	SHEET 14 OF 237 SHEETS	STA. 86+00.00 R1 TO STA. 87+00.00 R1

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	56
CONTRACT NO. 70D07				
ILLINOIS FED. AID PROJECT				

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



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



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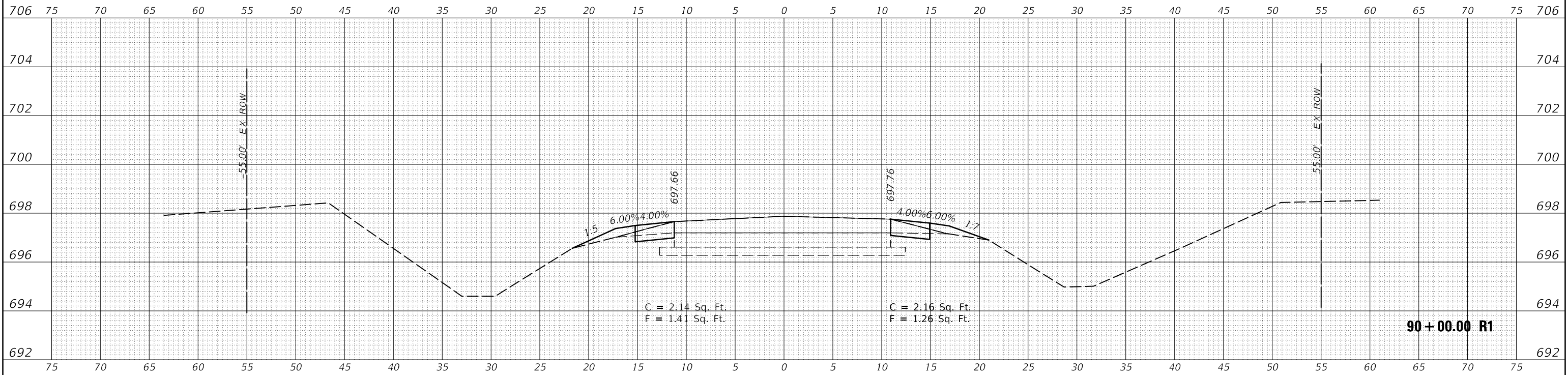
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PLOT DATE = 6/15/2018	DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

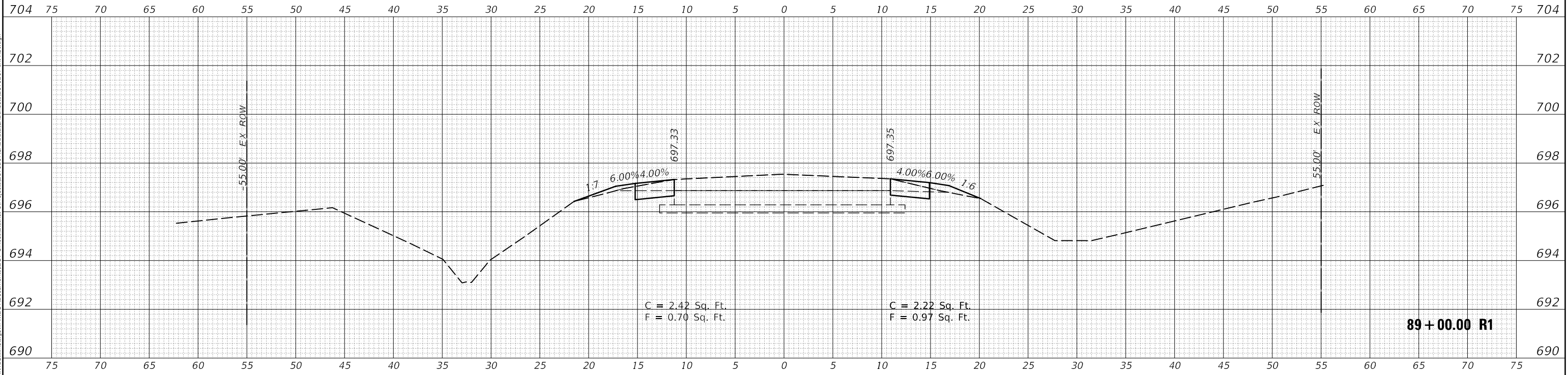
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SCALE:	SHEET 15 OF 237 SHEETS
STA. 87+85.99 R1 TO STA. 88+00.00 R1	

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	57
CONTRACT NO. 70D07				
ILLINOIS FED. AID PROJECT				

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



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



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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

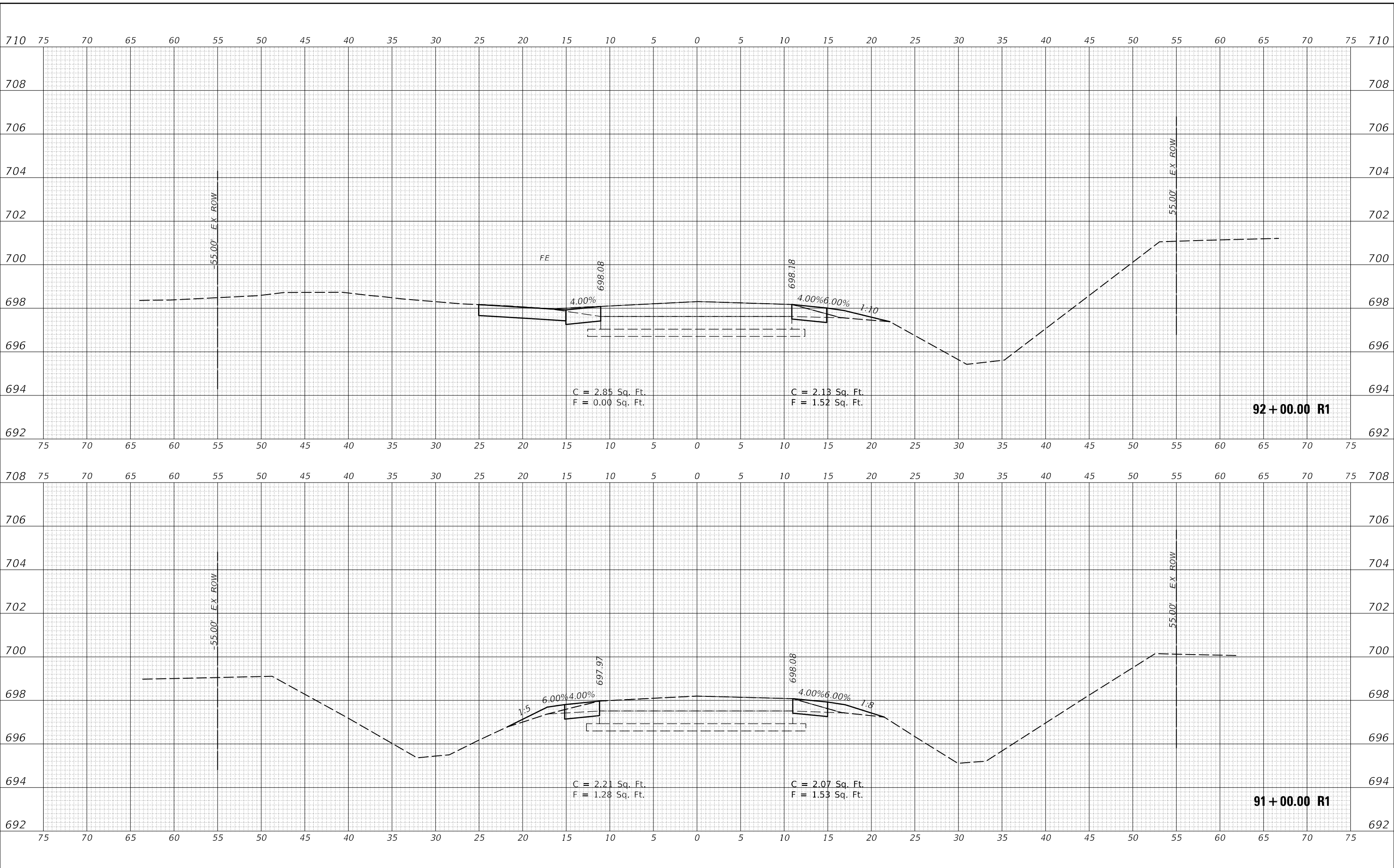
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SCALE:	SHEET 16 OF 237 SHEETS	STA. 89+00.00 R1 TO STA. 90+00.00 R1

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	58
CONTRACT NO. 70D07				
ILLINOIS FED. AID PROJECT				

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

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
AREAS CHECKED	TEMPLATE	
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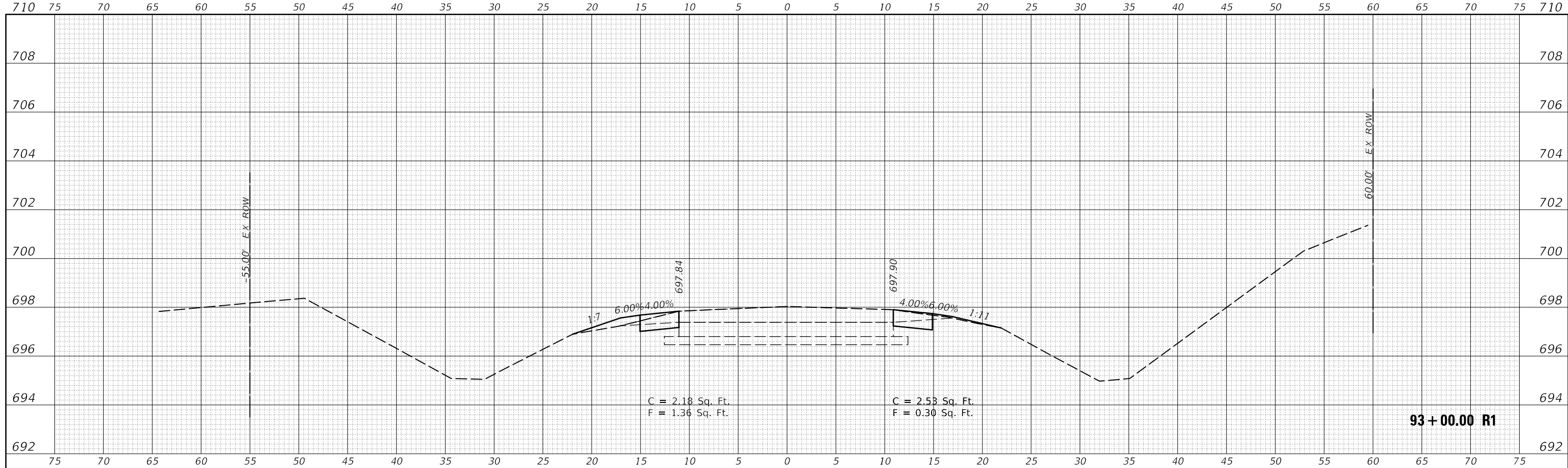
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

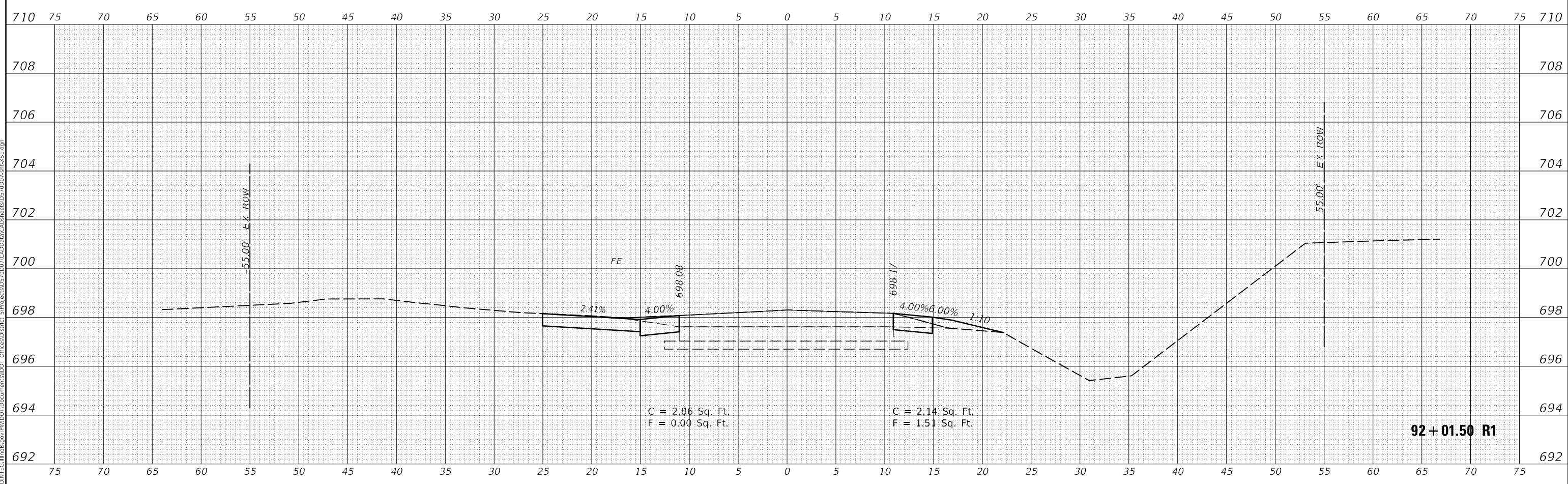
<b>CROSS SECTIONS HENNING RD</b>		
SCALE:	SHEET 17 OF 237 SHEETS	STA. 91+00.00 R1 TO STA. 92+00.00 R1

F.A.S. RTE. 498	SECTION (76,71,68,67,65,64)SR	COUNTY VERMILION	TOTAL SHEETS 279	SHEET NO. 59
			CONTRACT NO. 70D07	
ILLINOIS			FED. AID PROJECT	





**93 + 00.00 R1**



**92 + 01.50 R1**

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

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

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USER NAME = CurtinCB	DESIGNED -	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 6/15/2018	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>CROSS SECTIONS HENNING RD</b>		
SCALE:	SHEET 18 OF 237 SHEETS	STA. 92+01.50 R1 TO STA. 93+00.00 R1

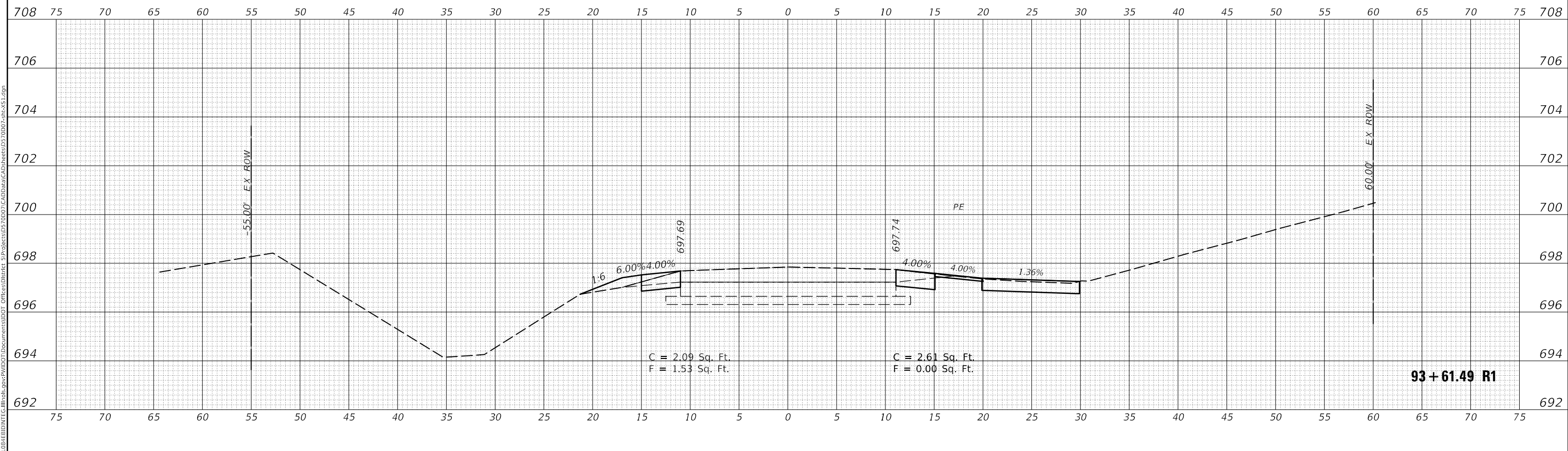
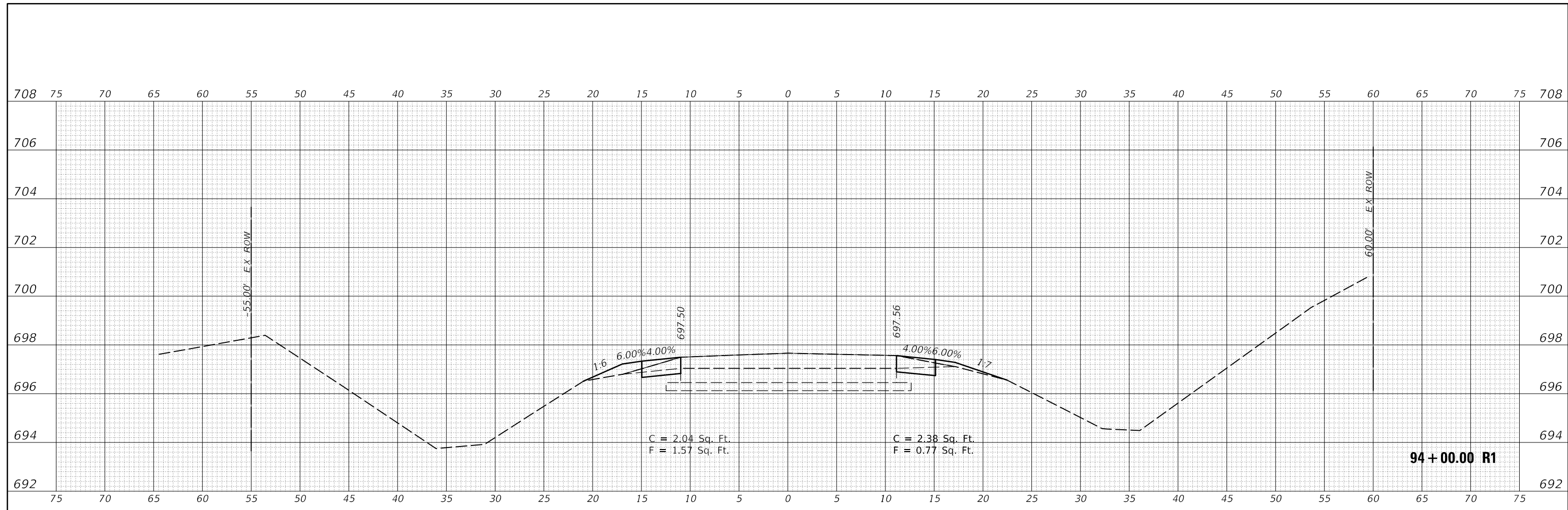
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	60
CONTRACT NO. 70D07				
ILLINOIS FED. AID PROJECT				



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

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

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USER NAME = CurtinCB	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 6/15/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

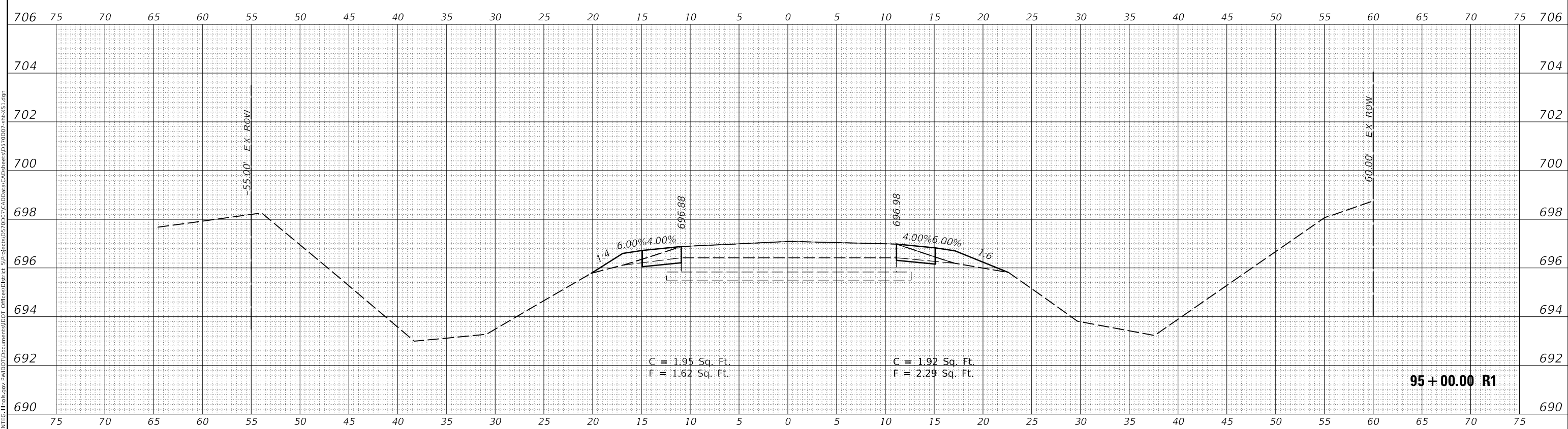
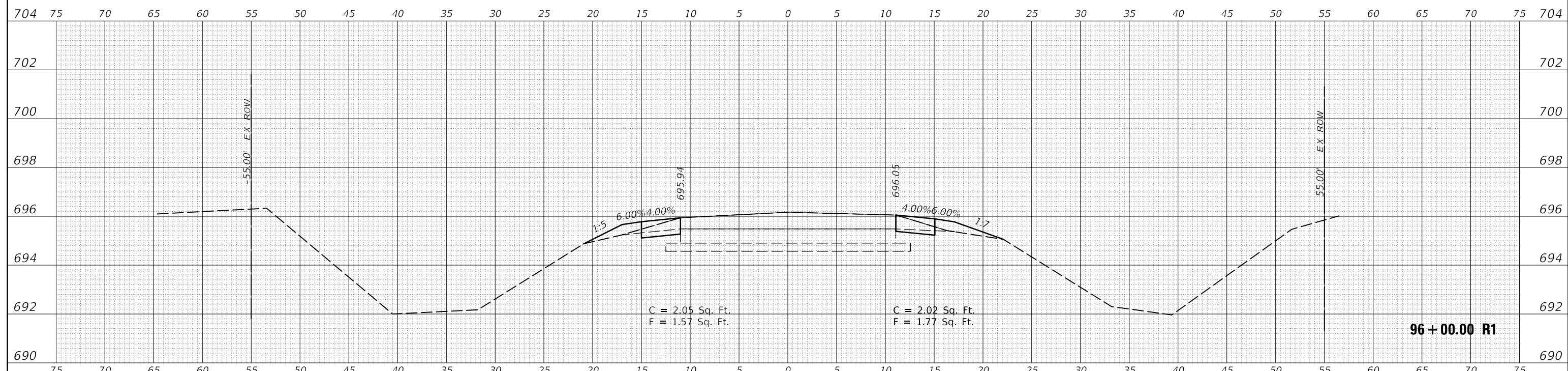
<b>CROSS SECTIONS HENNING RD</b>		
SCALE:	SHEET 19 OF 237 SHEETS	STA. 93+61.49 R1 TO STA. 94+00.00 R1

F.A.S. RTE. 498	SECTION (76,71,68,67,65,64)SR	COUNTY VERMILION	TOTAL SHEETS 279	SHEET NO. 61
ILLINOIS			FED. AID PROJECT	

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

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

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USER NAME = CurtinCB	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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PLOT DATE = 6/15/2018	DATE -	REVISED -

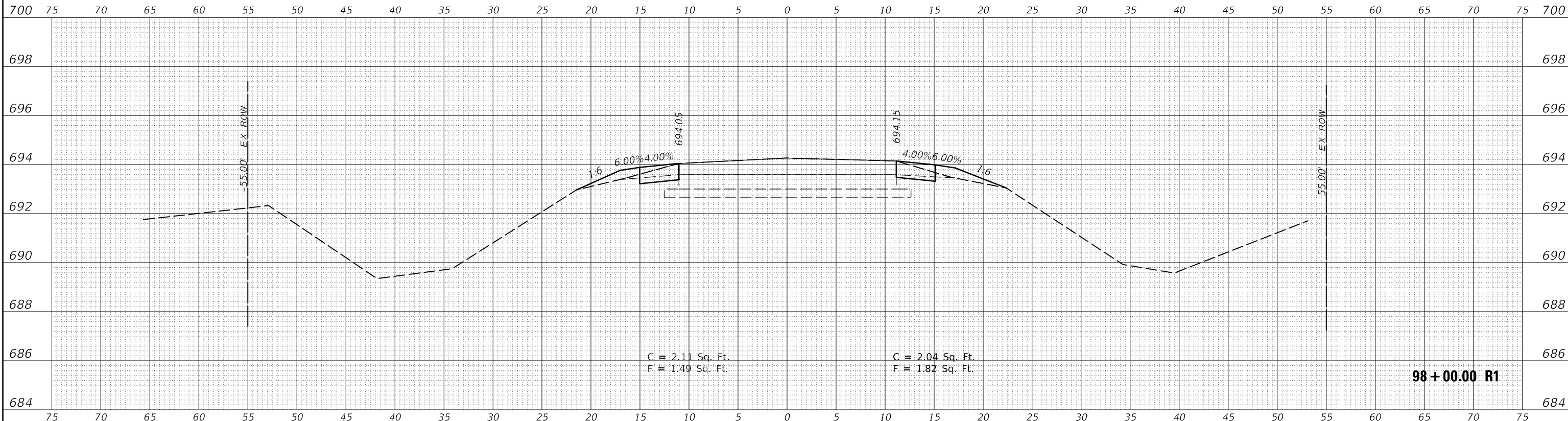
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
HENNING RD**

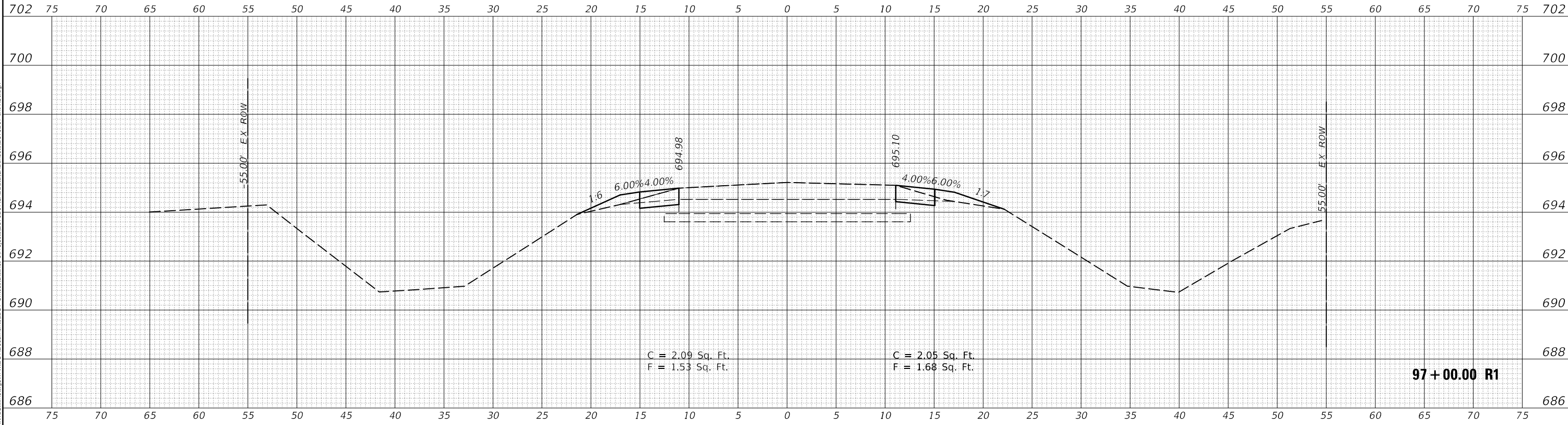
SCALE: SHEET 20 OF 237 SHEETS STA. 95+00.00 R1 TO STA. 96+00.00 R1

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	62
				CONTRACT NO. 70D07
				ILLINOIS FED. AID PROJECT

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



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



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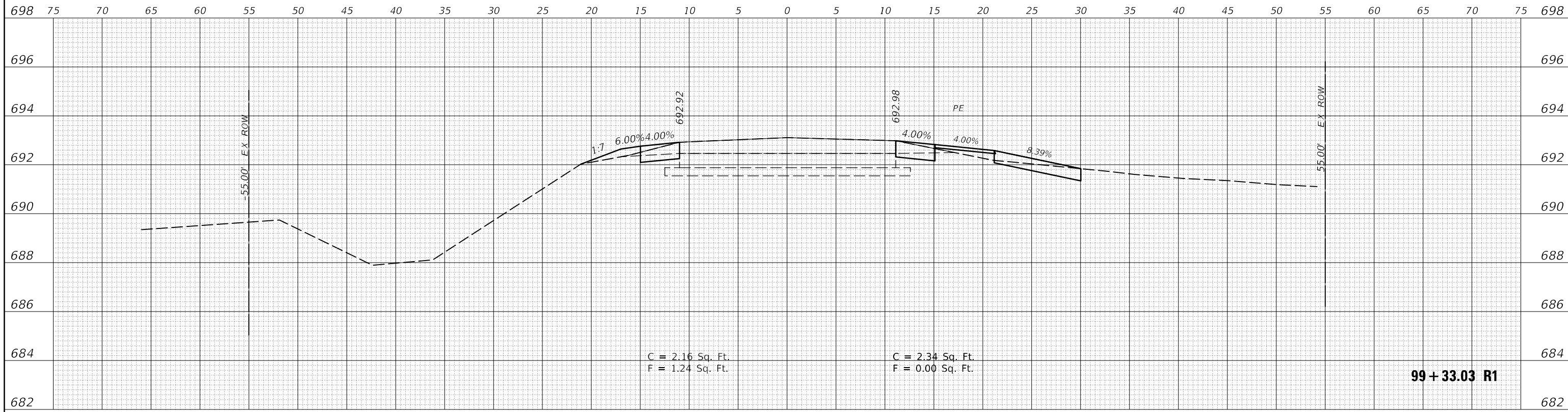
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	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

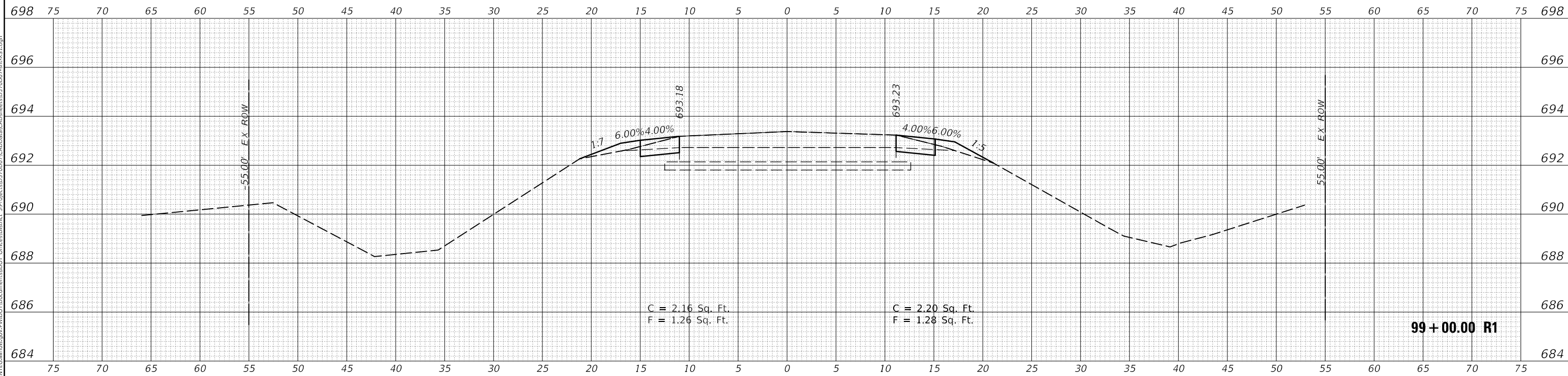
<b>CROSS SECTIONS HENNING RD</b>		
SCALE:	SHEET 21 OF 237 SHEETS	STA. 97+00.00 R1 TO STA. 98+00.00 R1

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	63
				CONTRACT NO. 70D07
				ILLINOIS FED. AID PROJECT

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



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



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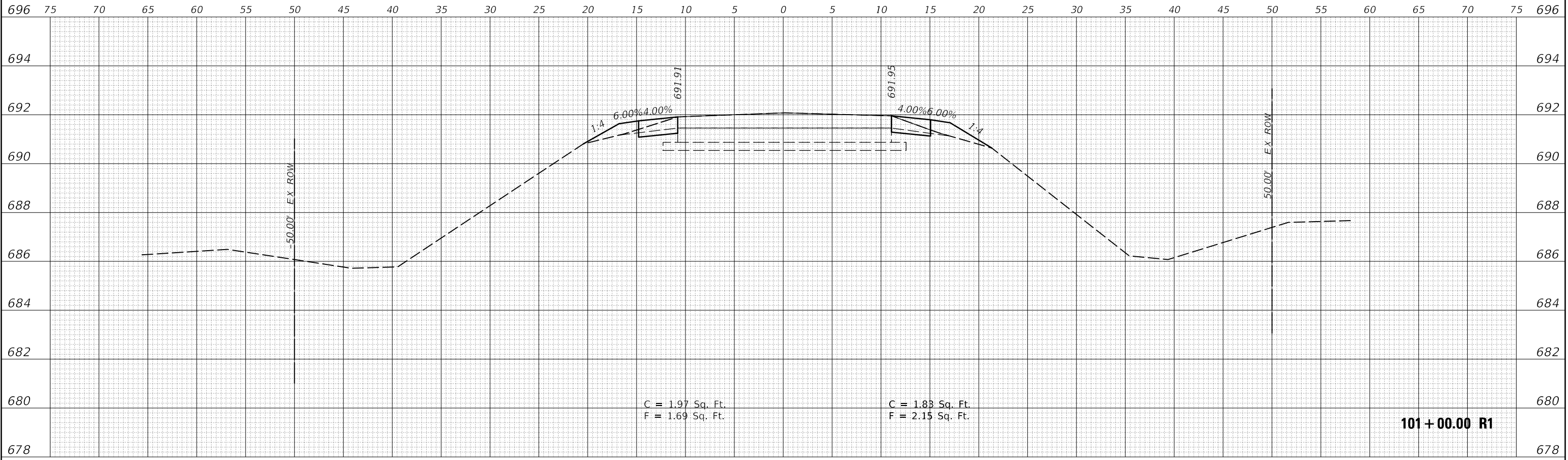
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PLOT DATE = 6/15/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

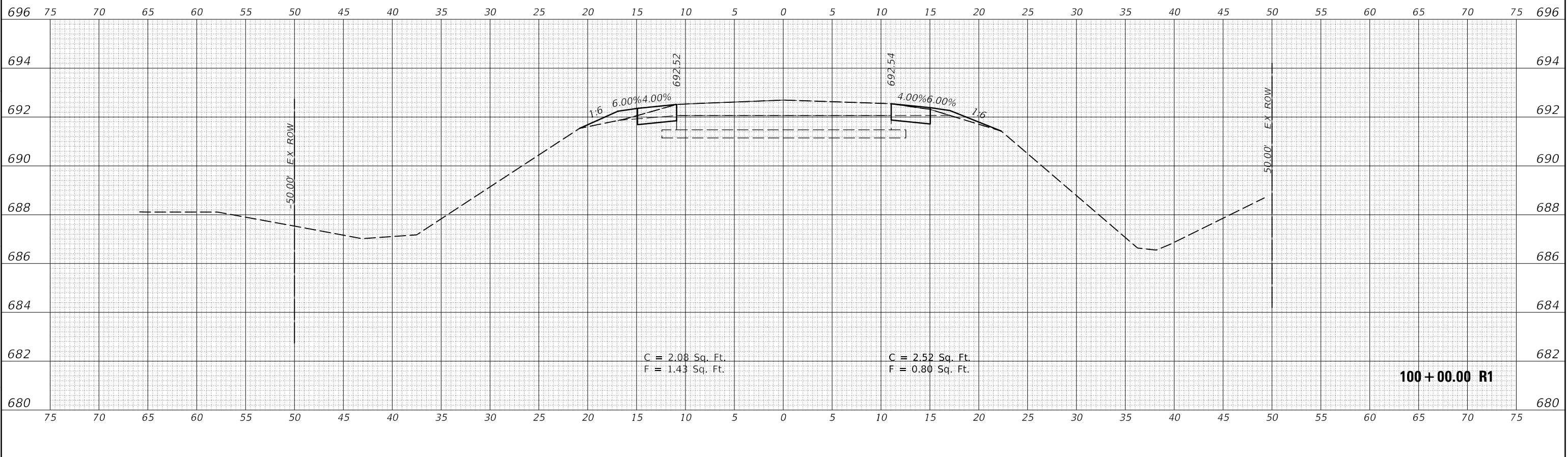
<b>CROSS SECTIONS HENNING RD</b>			
SCALE:	SHEET 22	OF 237 SHEETS	STA. 99+00.00 R1 TO STA. 99+33.03 R1

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	64
				CONTRACT NO. 70D07
				ILLINOIS FED. AID PROJECT

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



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



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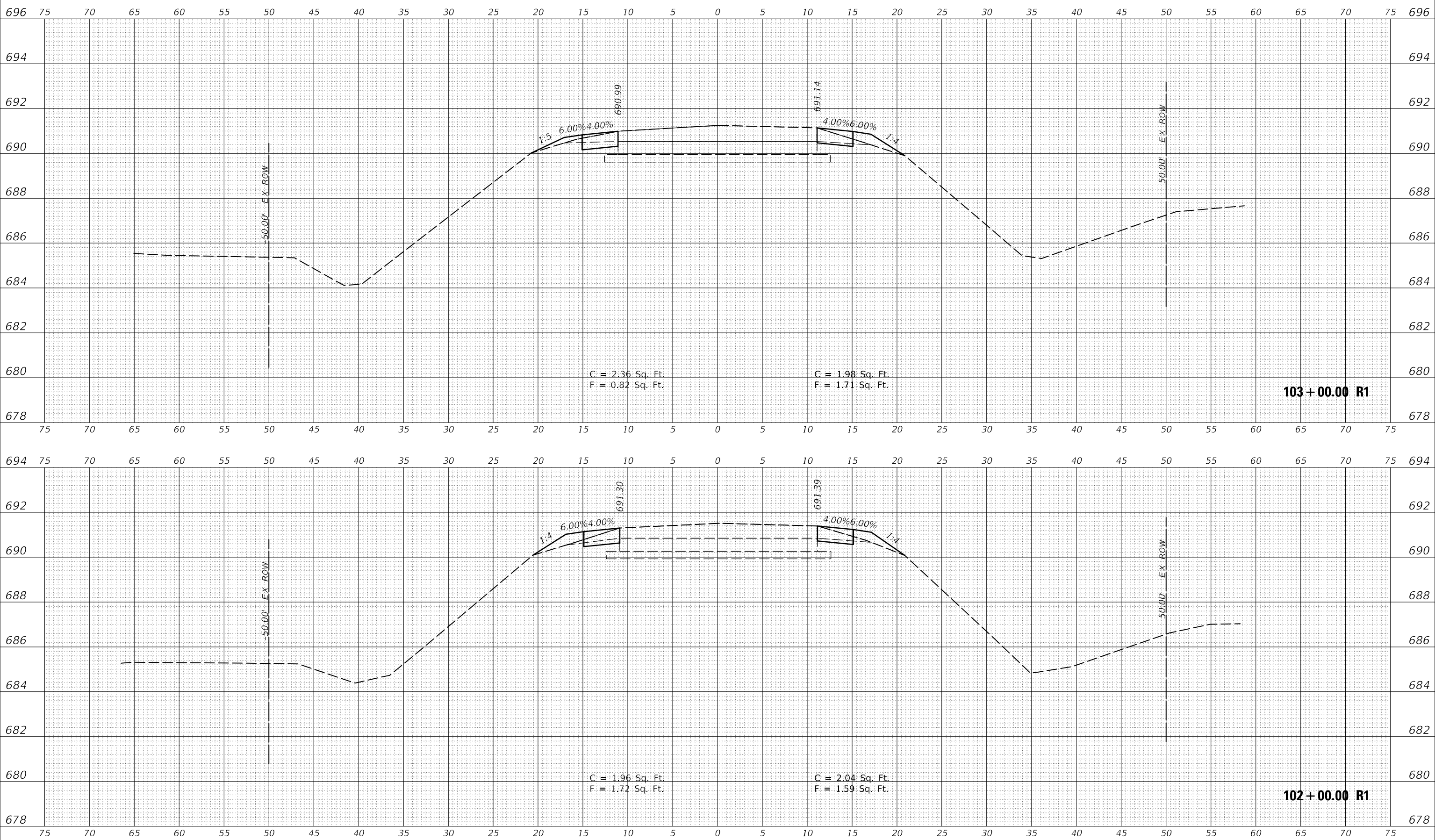
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PLOT SCALE = 10.0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 6/15/2018	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
HENNING RD**

SCALE: SHEET 23 OF 237 SHEETS STA. 100+00.00 R1 TO STA. 101+00.00 R1

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	65
CONTRACT NO. 70D07				
ILLINOIS FED. AID PROJECT				



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

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

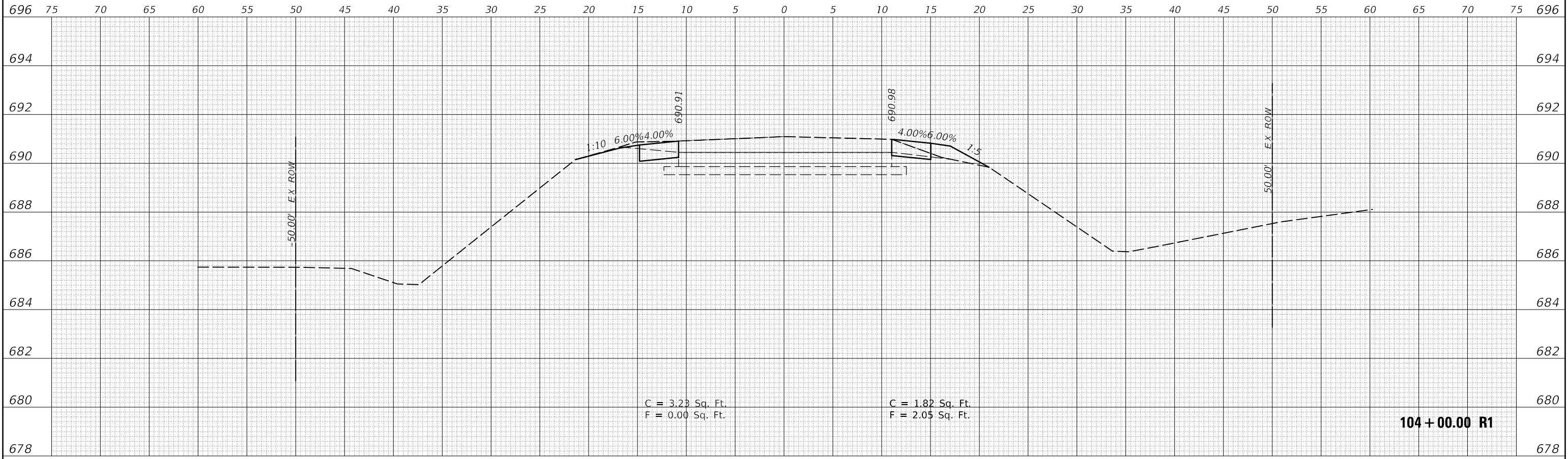
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PLOT DATE = 6/15/2018	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

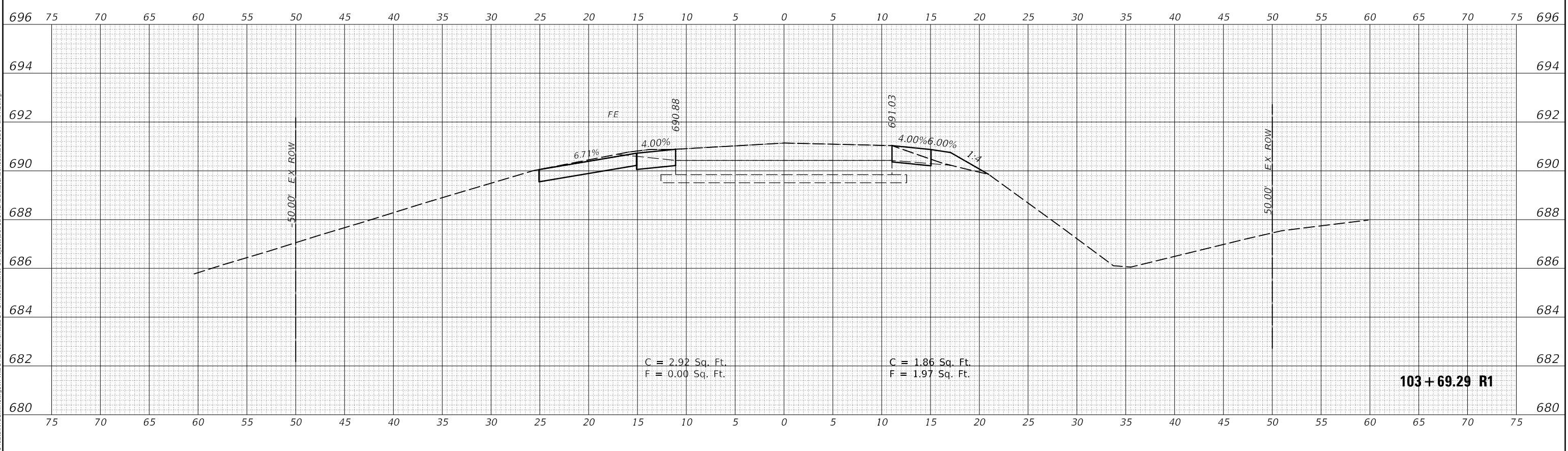
<b>CROSS SECTIONS HENNING RD</b>		
SCALE:	SHEET 24 OF 237 SHEETS	STA. 102+00.00 R1 TO STA. 103+00.00 R1

F.A.S. RTE. 498	SECTION (76,71,68,67,65,64)SR	COUNTY VERMILION	TOTAL SHEETS 279	SHEET NO. 66
CONTRACT NO. 70D07				
ILLINOIS FED. AID PROJECT				

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104 + 00.00 R1



103 + 69.29 R1

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

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

USER NAME = CurtinCB	DESIGNED -	REVISED -
PLOT SCALE = 10.0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 6/15/2018	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
HENNING RD**

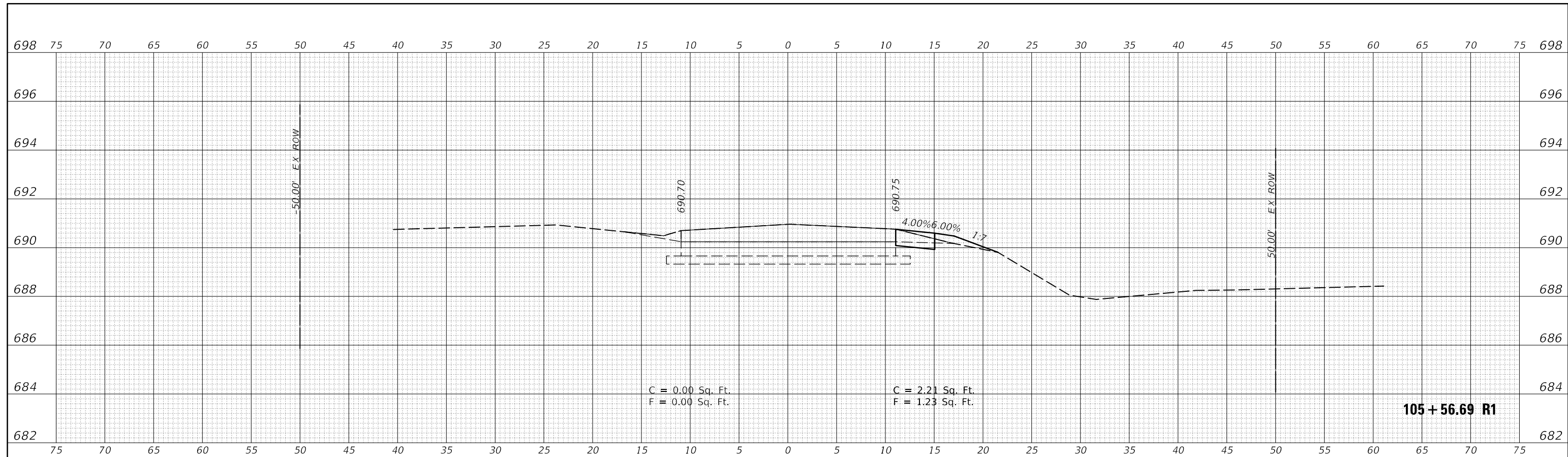
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 70D07				
ILLINOIS FED. AID PROJECT				

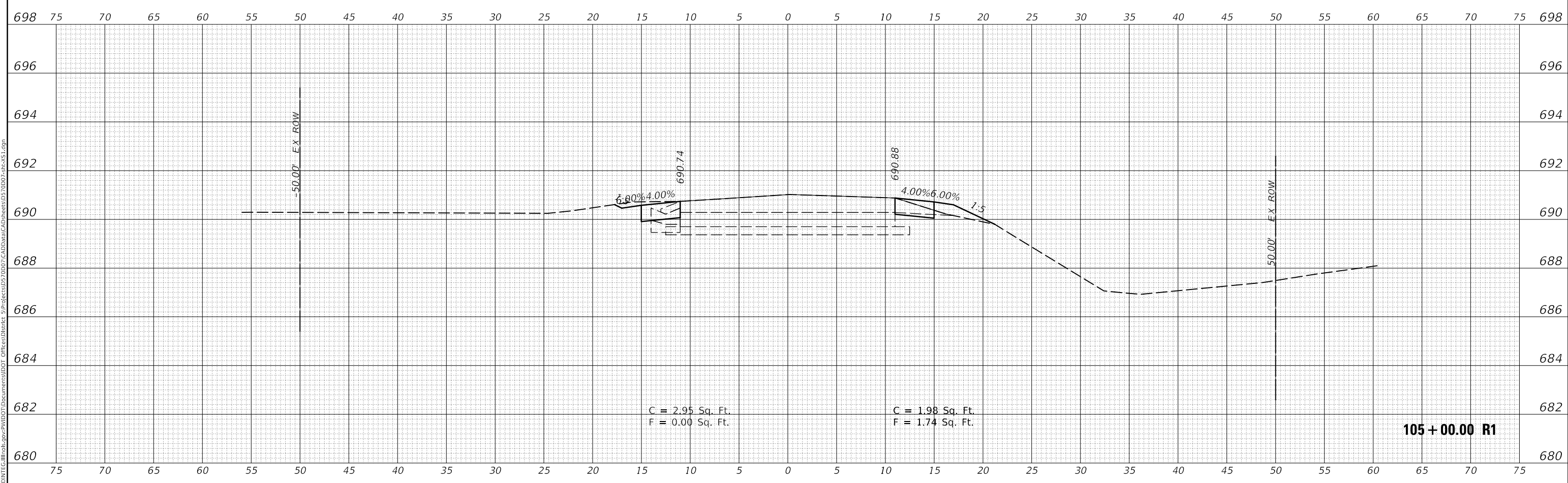
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DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED



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



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PLOT SCALE = 10.0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 6/15/2018	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SCALE:	SHEET 26 OF 237 SHEETS	STA. 105+00.00 R1 TO STA. 105+56.69 R1
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**CROSS SECTIONS  
HENNING RD**

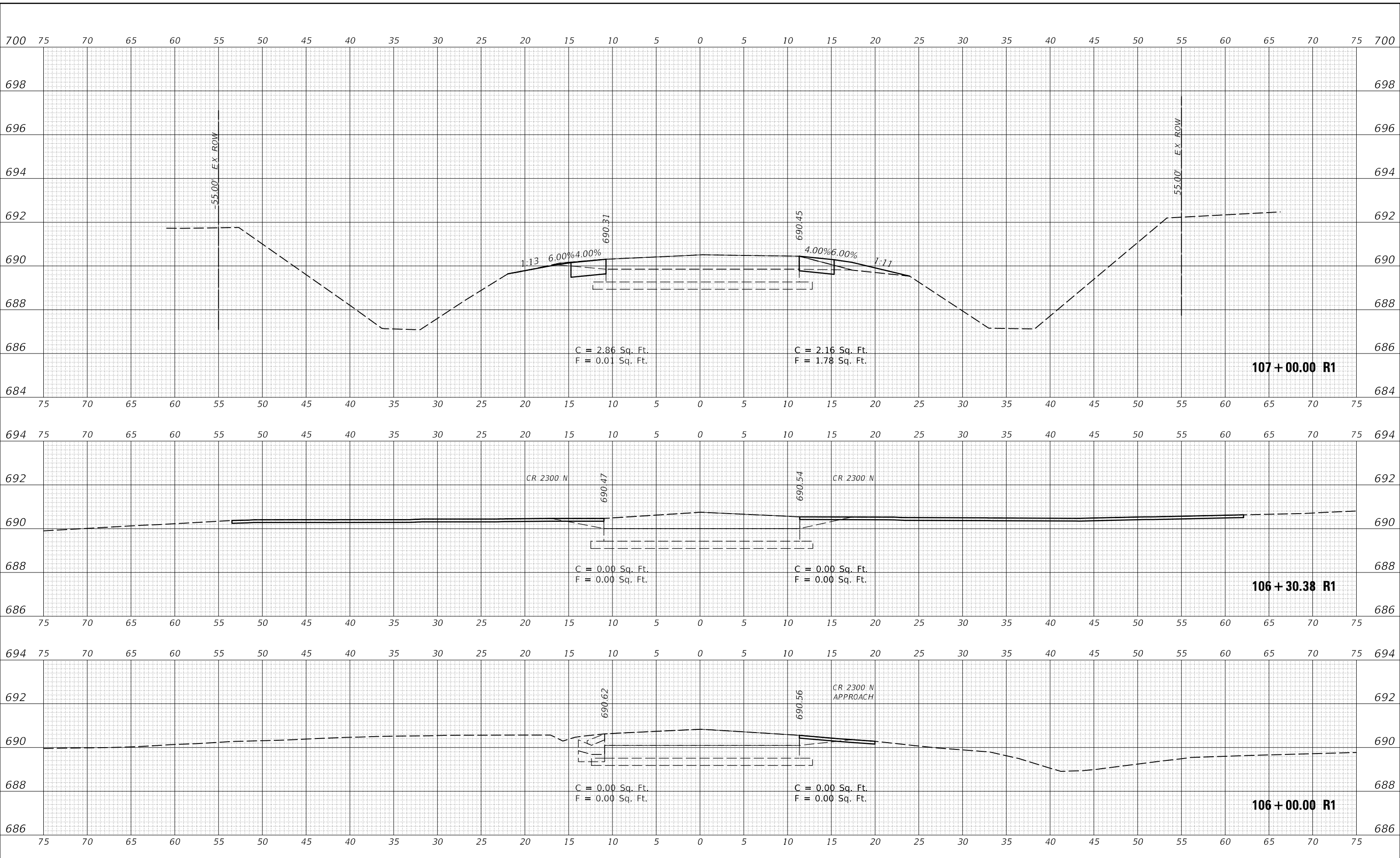
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	68
CONTRACT NO. 70D07				
ILLINOIS FED. AID PROJECT				



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

ORIGINAL SURVEY NO.	SURVEYED	DATE
	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	

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USER NAME = CurtinCB	DESIGNED -	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 6/15/2018	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

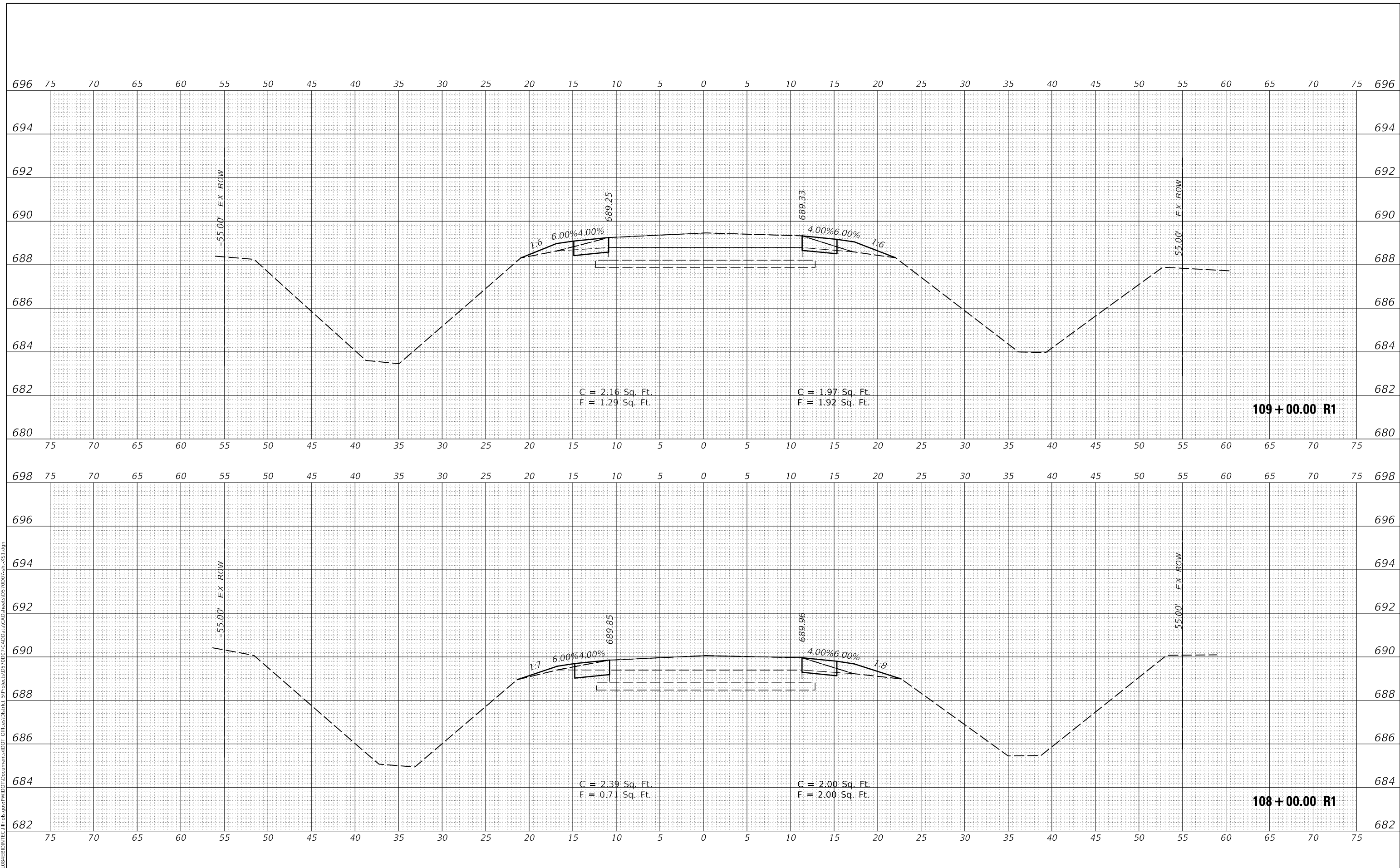
<b>CROSS SECTIONS HENNING RD</b>	
SCALE:	SHEET 27 OF 237 SHEETS
STA. 106+00.00 R1 TO STA. 107+00.00 R1	

F.A.S. RTE. 498	SECTION (76,71,68,67,65,64)SR	COUNTY VERMILION	TOTAL SHEETS 279	SHEET NO. 69
CONTRACT NO. 70D07				
ILLINOIS FED. AID PROJECT				

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

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

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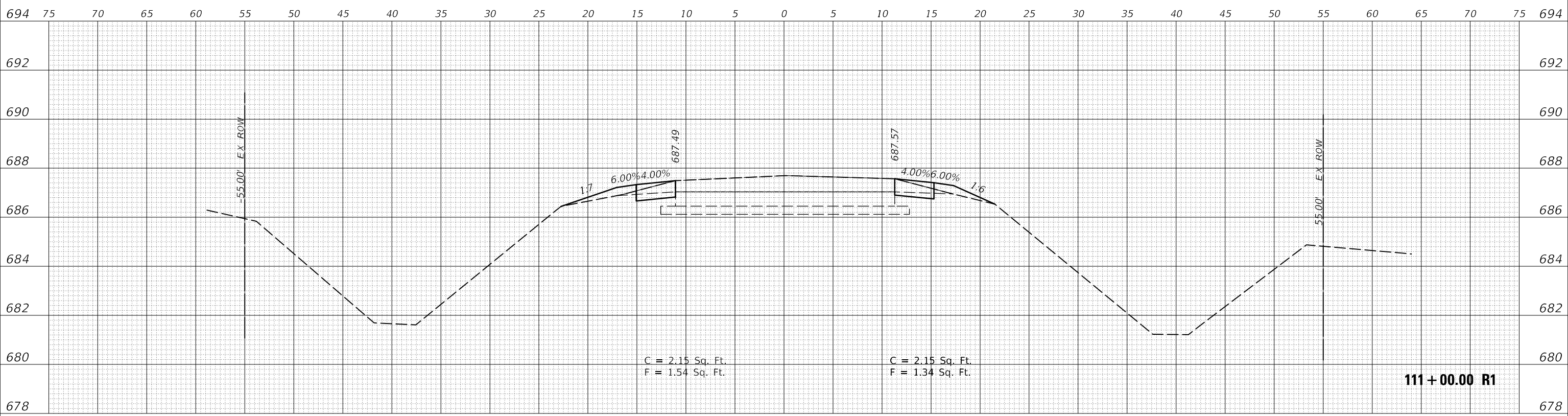
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PLOT DATE = 6/15/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

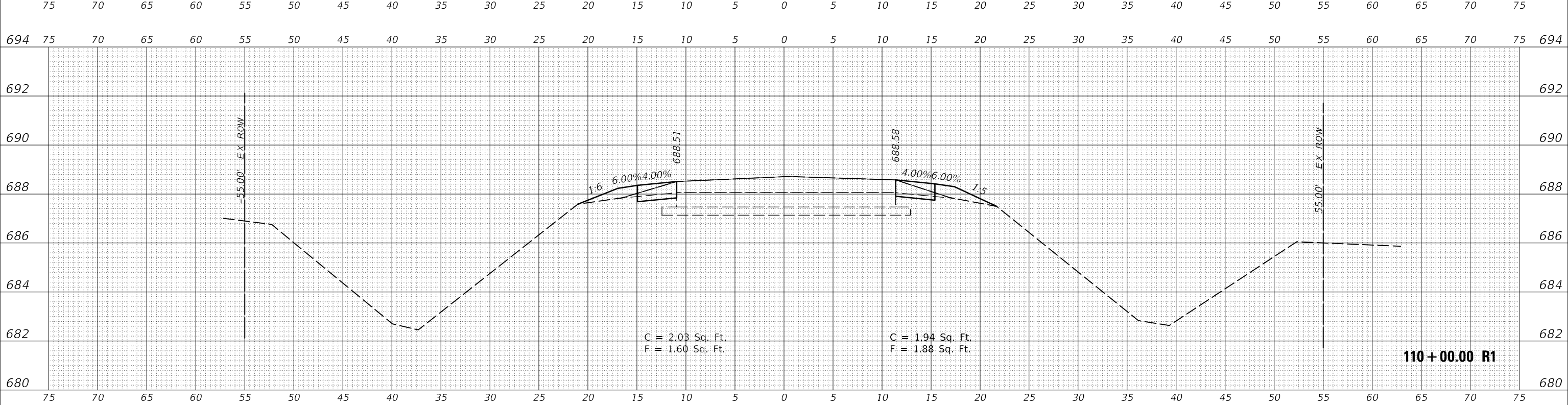
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SCALE:	SHEET 28 OF 237 SHEETS
STA. 108+00.00 R1 TO STA. 109+00.00 R1	

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	70
CONTRACT NO. 70D07				
ILLINOIS FED. AID PROJECT				

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



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



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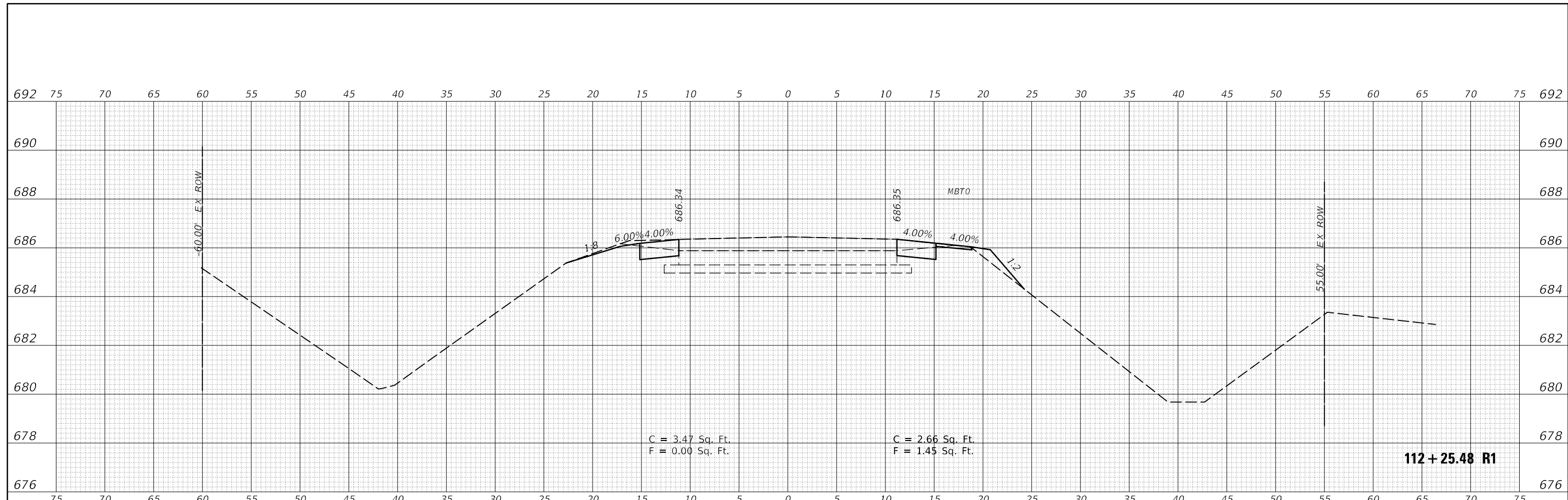
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PLOT DATE = 6/15/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

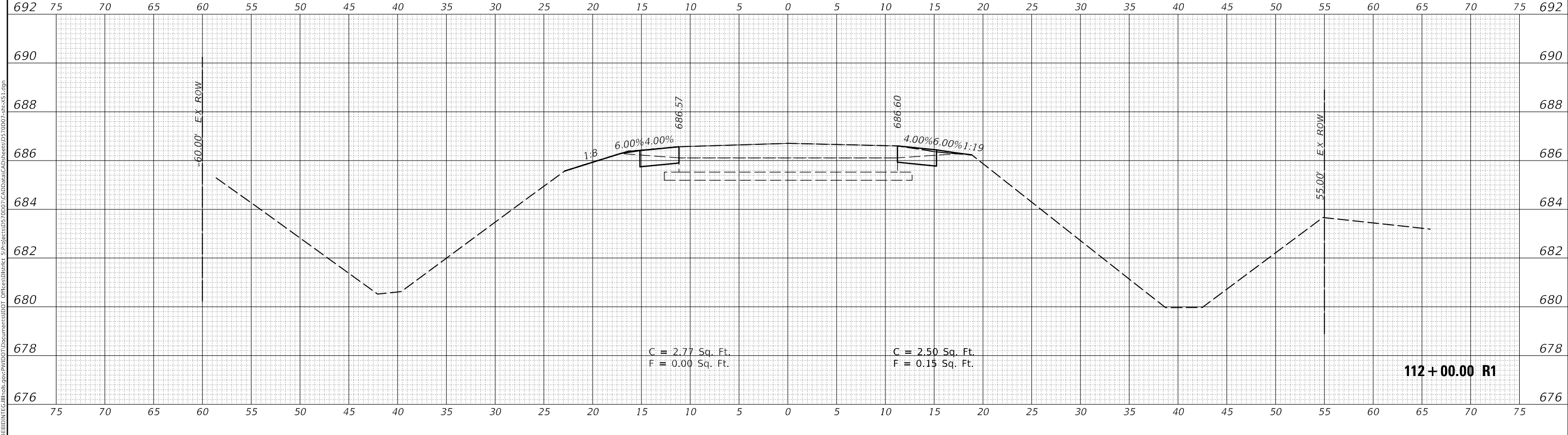
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SCALE:	SHEET 29 OF 237 SHEETS	STA. 110+00.00 R1 TO STA. 111+00.00 R1

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	71
			CONTRACT NO. 70D07	
			ILLINOIS FED. AID PROJECT	

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



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



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PLOT DATE = 6/15/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

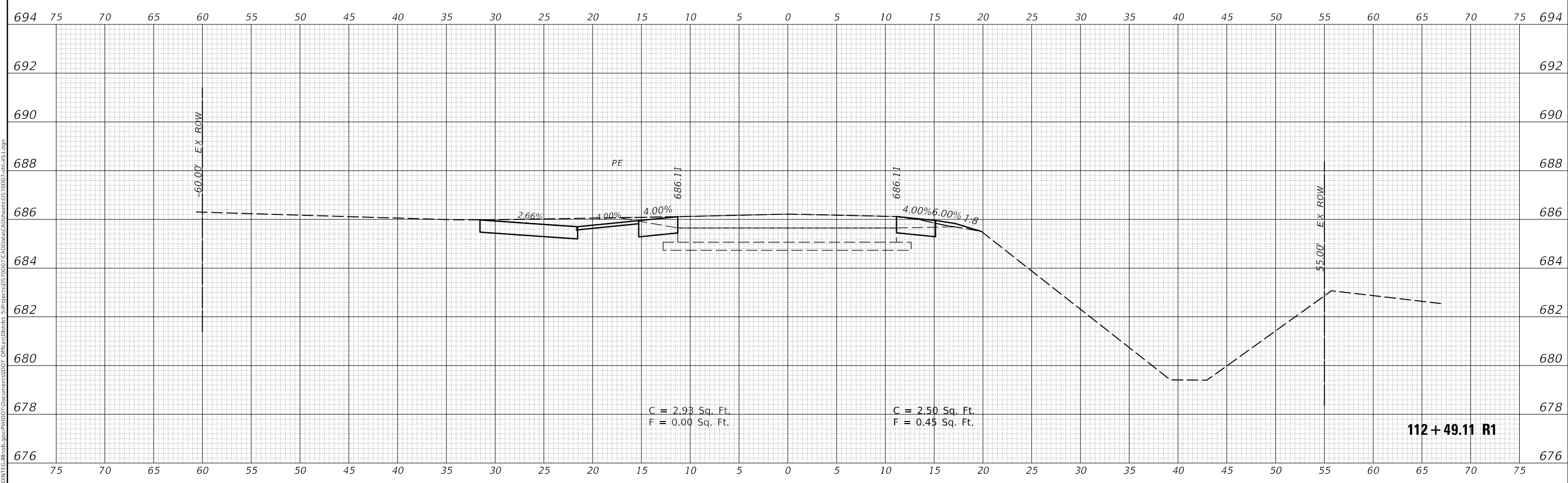
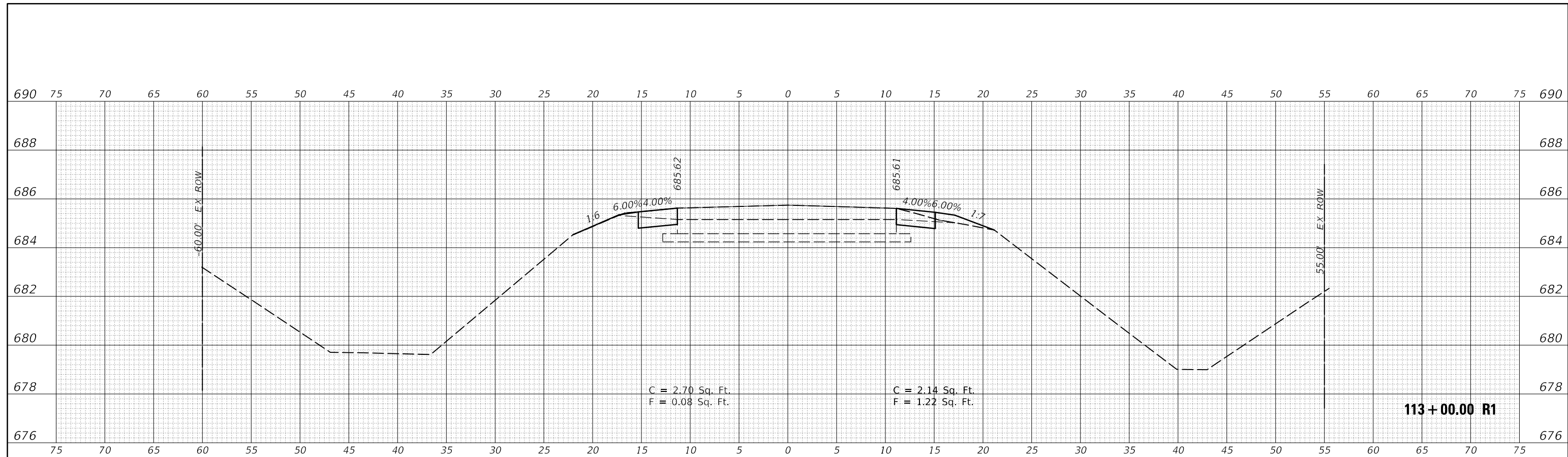
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SCALE:	SHEET 30 OF 237 SHEETS	STA. 112+00.00 R1 TO STA. 112+25.48 R1	

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	72
				CONTRACT NO. 70D07
				ILLINOIS FED. AID PROJECT

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

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

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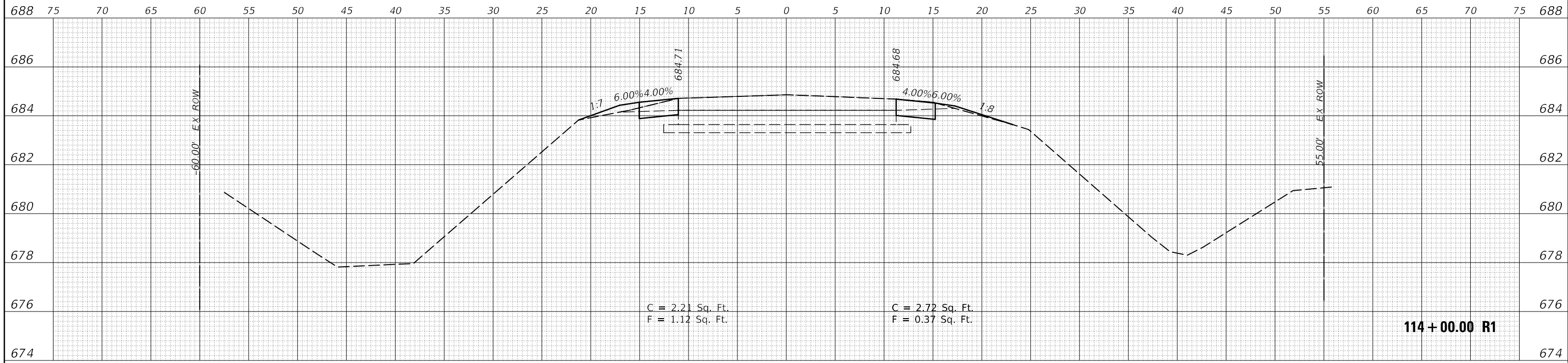
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PLOT DATE = 6/15/2018	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

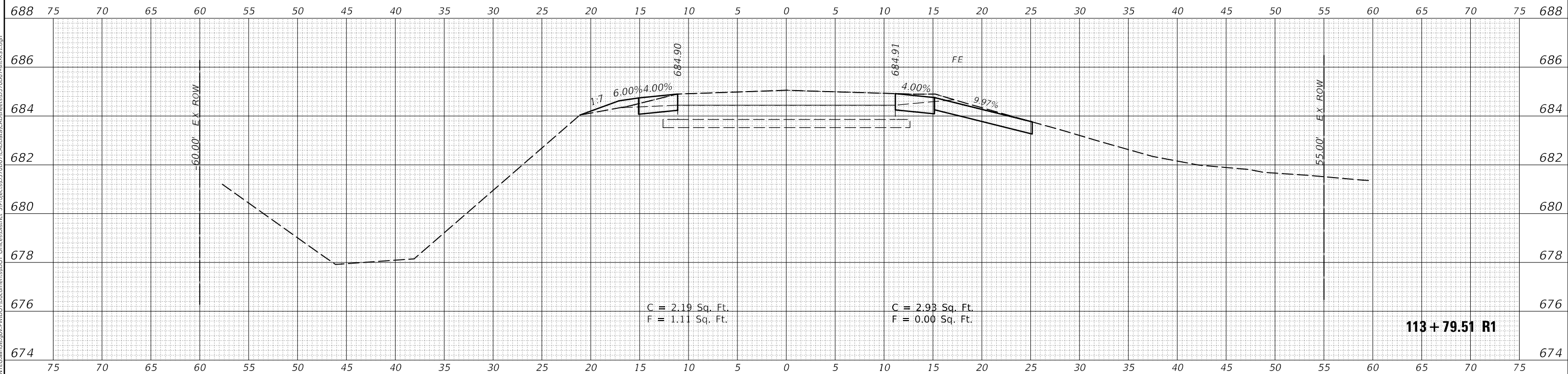
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SCALE:	SHEET 31 OF 237 SHEETS
STA. 112+49.11 R1 TO STA. 113+00.00 R1	

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	73
CONTRACT NO. 70D07				
ILLINOIS FED. AID PROJECT				

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



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



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PLOT DATE = 6/15/2018	DATE -	REVISED -

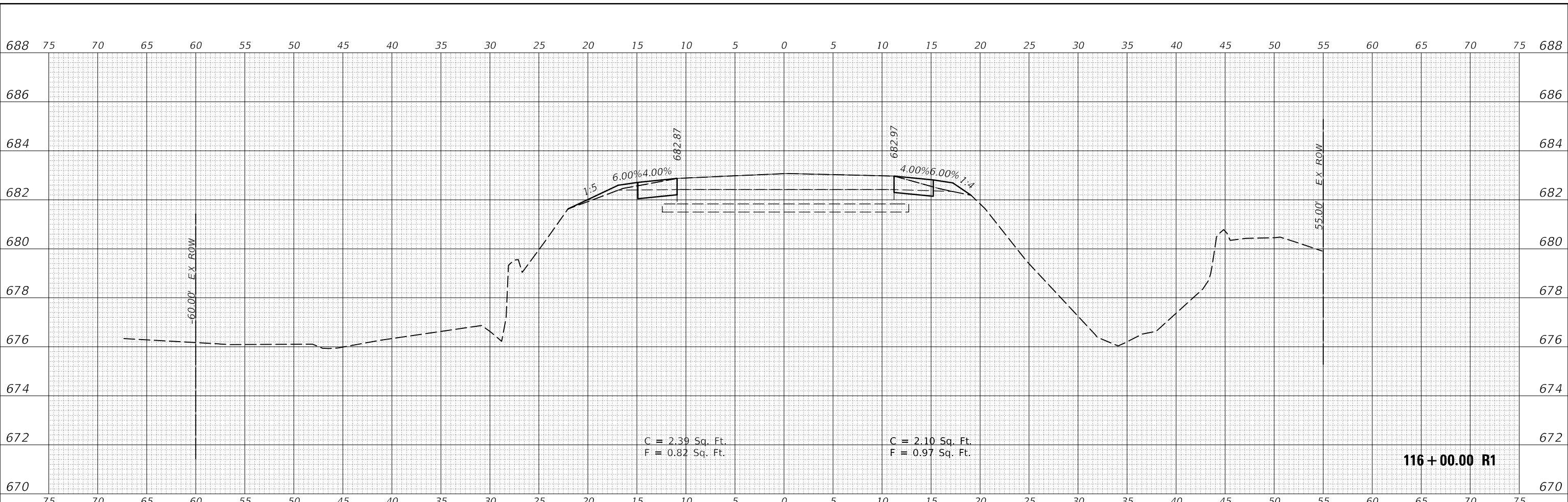
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
HENNING RD**

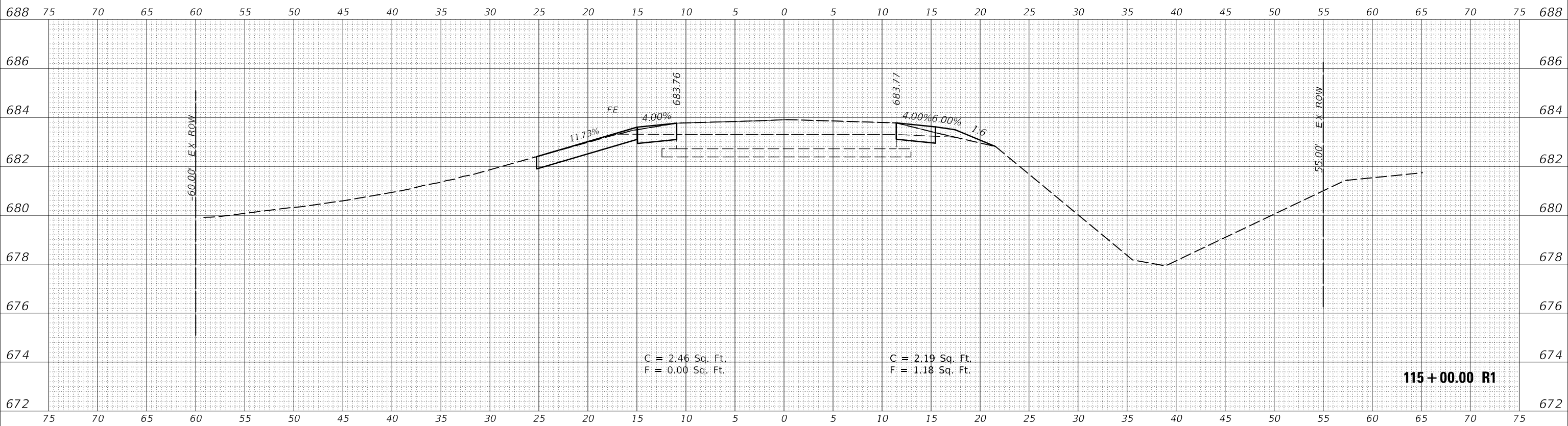
SCALE: SHEET 32 OF 237 SHEETS STA. 113+79.51 R1 TO STA. 114+00.00 R1

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	74
				CONTRACT NO. 70D07
				ILLINOIS FED. AID PROJECT

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



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



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	DRAWN -	REVISED -
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PLOT DATE = 6/15/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>CROSS SECTIONS HENNING RD</b>	
SCALE:	SHEET 33 OF 237 SHEETS
STA. 115+00.00 R1 TO STA. 116+00.00 R1	

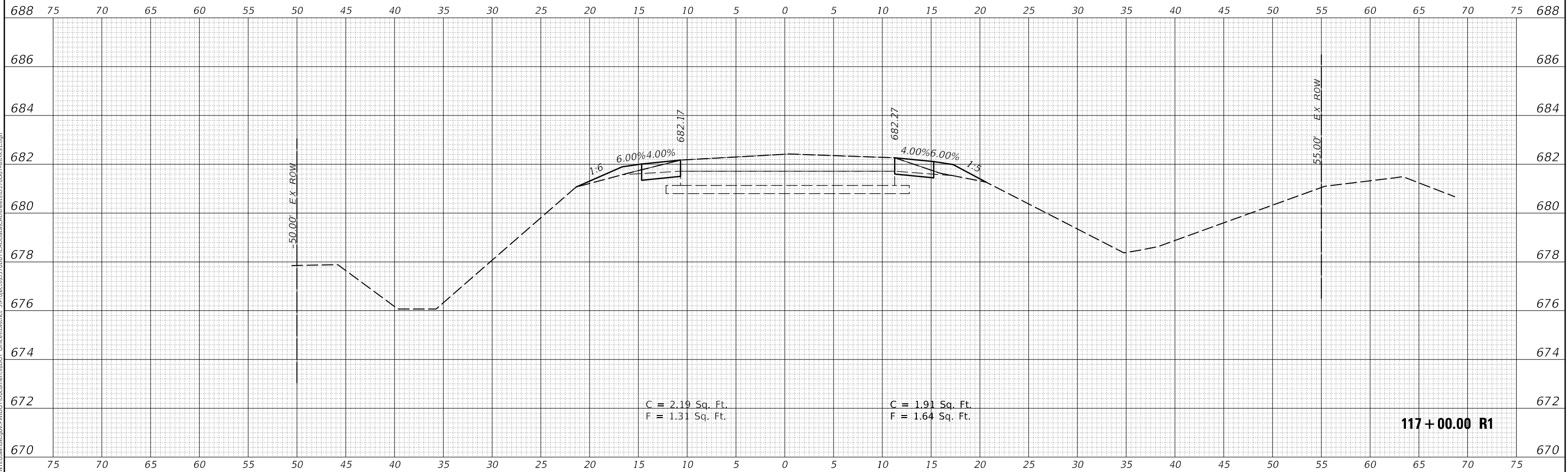
F.A.S. RTE. 498	SECTION (76,71,68,67,65,64)SR	COUNTY VERMILION	TOTAL SHEETS 279	SHEET NO. 75
CONTRACT NO. 70D07				
ILLINOIS FED. AID PROJECT				



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

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

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USER NAME = CurtinCB	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 6/15/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 HENNING RD**

SCALE: SHEET 34 OF 237 SHEETS STA. 117+00.00 R1 TO STA. 117+00.00 R1

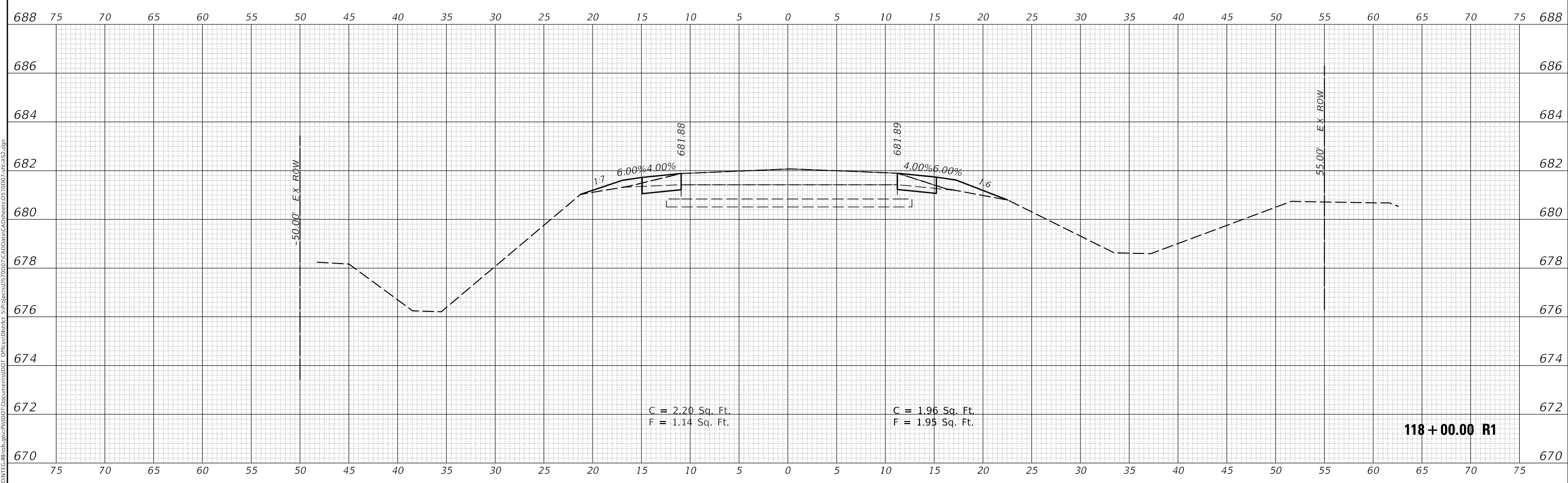
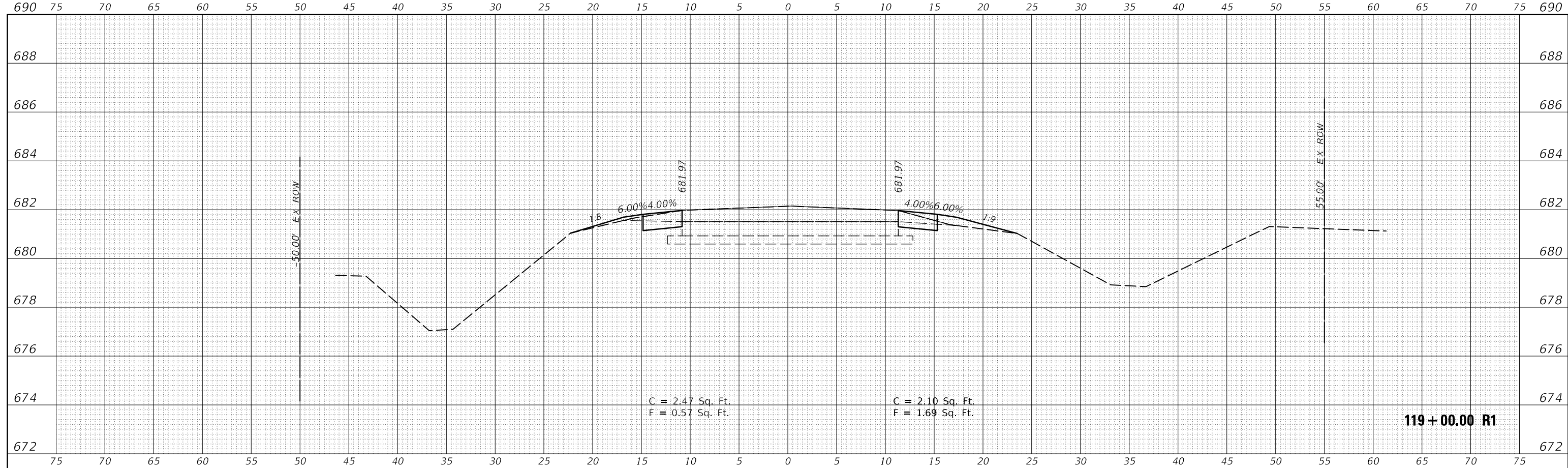
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	76
				CONTRACT NO. 70D07
		ILLINOIS	FED. AID PROJECT	



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

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

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USER NAME = CurtinCB	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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PLOT DATE = 6/15/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

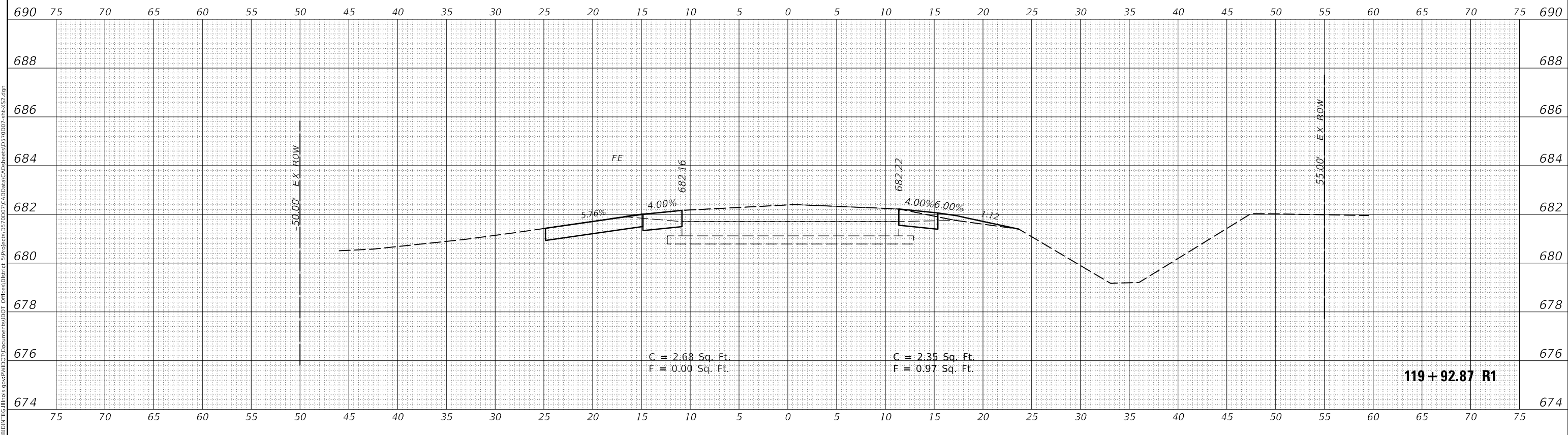
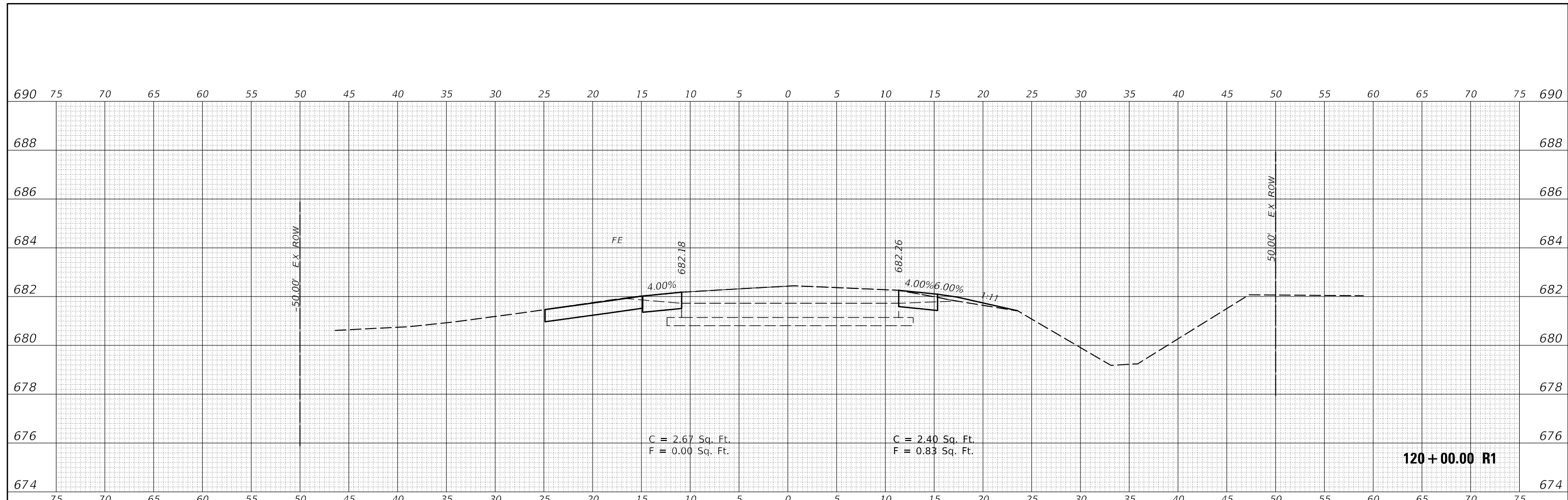
<b>CROSS SECTIONS HENNING RD</b>	
SCALE:	SHEET 35 OF 237 SHEETS
STA. 118+00.00 R1 TO STA. 119+00.00 R1	

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	77
CONTRACT NO. 70D07				
ILLINOIS FED. AID PROJECT				

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

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

MODEL: \$PROJECTNAME\$  
FILE NAME: \$PROJECTNAME\$.dgn



USER NAME = CurtinCB	DESIGNED -	REVISED -
PLOT SCALE = 10.0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 6/15/2018	CHECKED -	REVISED -
	DATE -	REVISED -

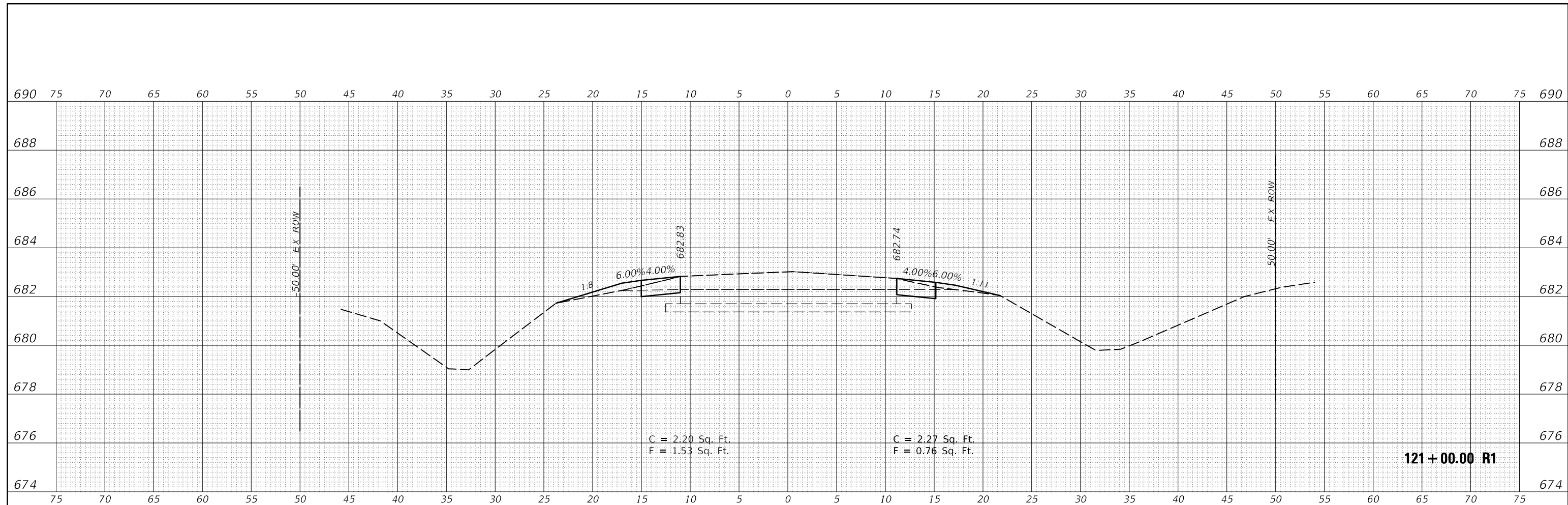
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS  
HENNING RD

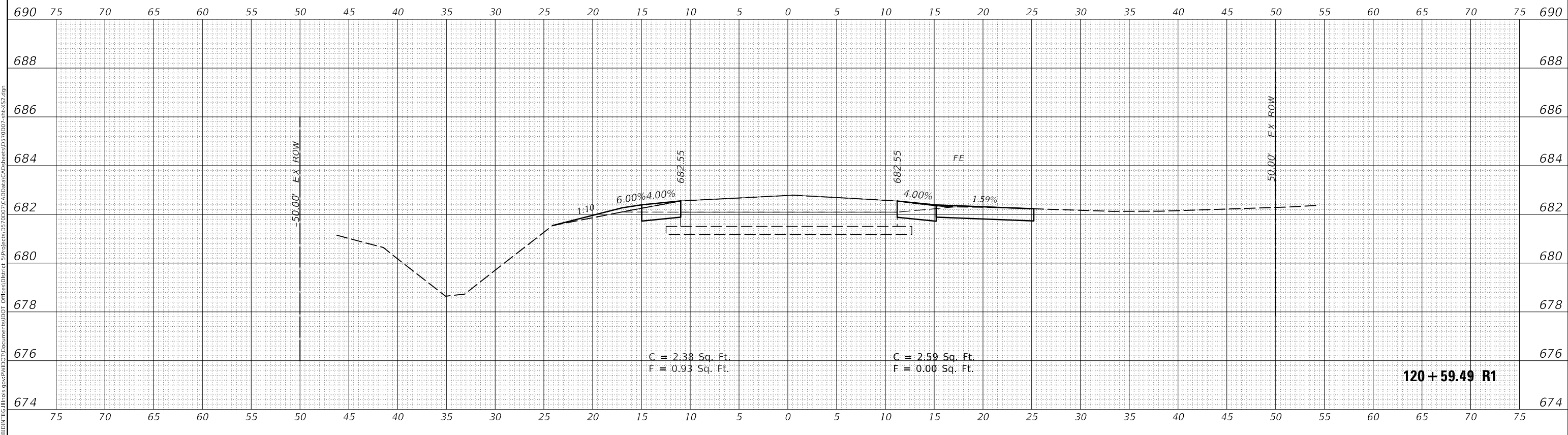
SCALE: SHEET 36 OF 237 SHEETS STA. 119+92.87 R1 TO STA. 120+00.00 R1

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	78
			CONTRACT NO. 70D07	
ILLINOIS			FED. AID PROJECT	

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



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



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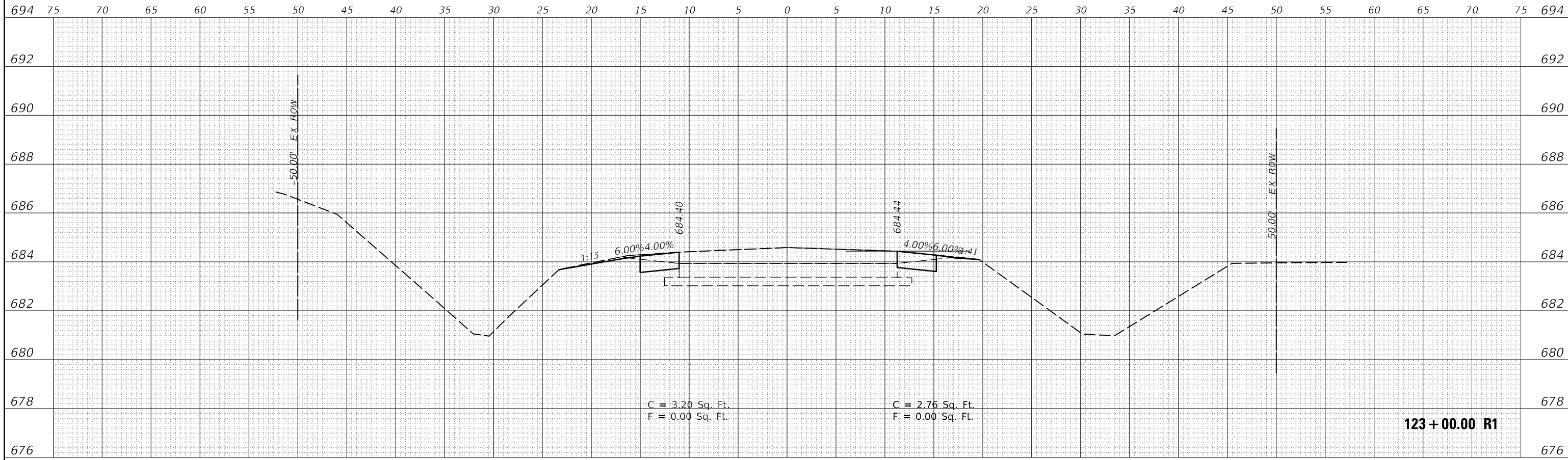
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	DRAWN -	REVISED -
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PLOT DATE = 6/15/2018	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

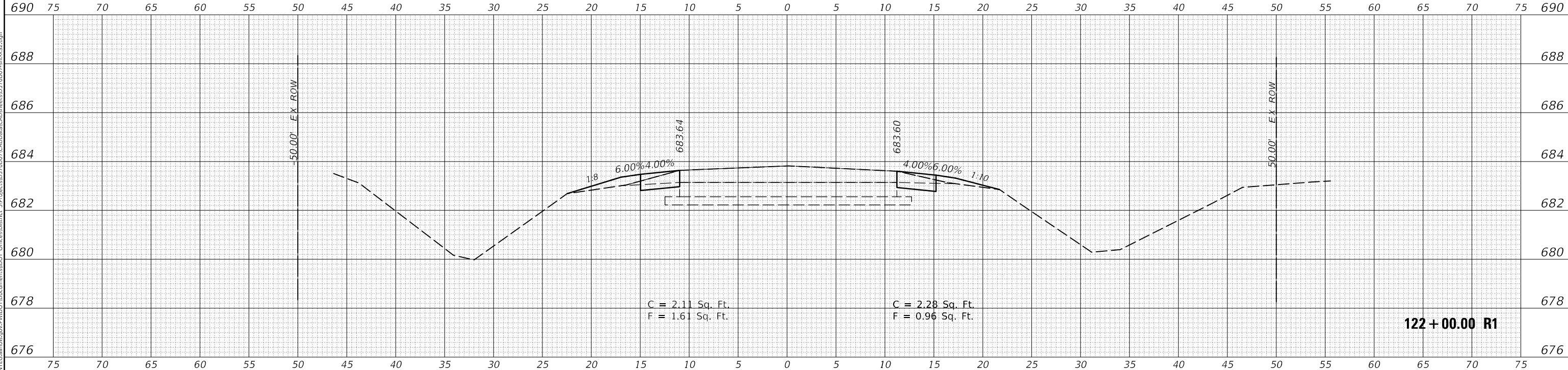
CROSS SECTIONS	
HENNING RD	
SCALE:	SHEET 37 OF 237 SHEETS
STA. 120+59.49 R1 TO STA. 121+00.00 R1	

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	79
CONTRACT NO. 70D07				
ILLINOIS FED. AID PROJECT				

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



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



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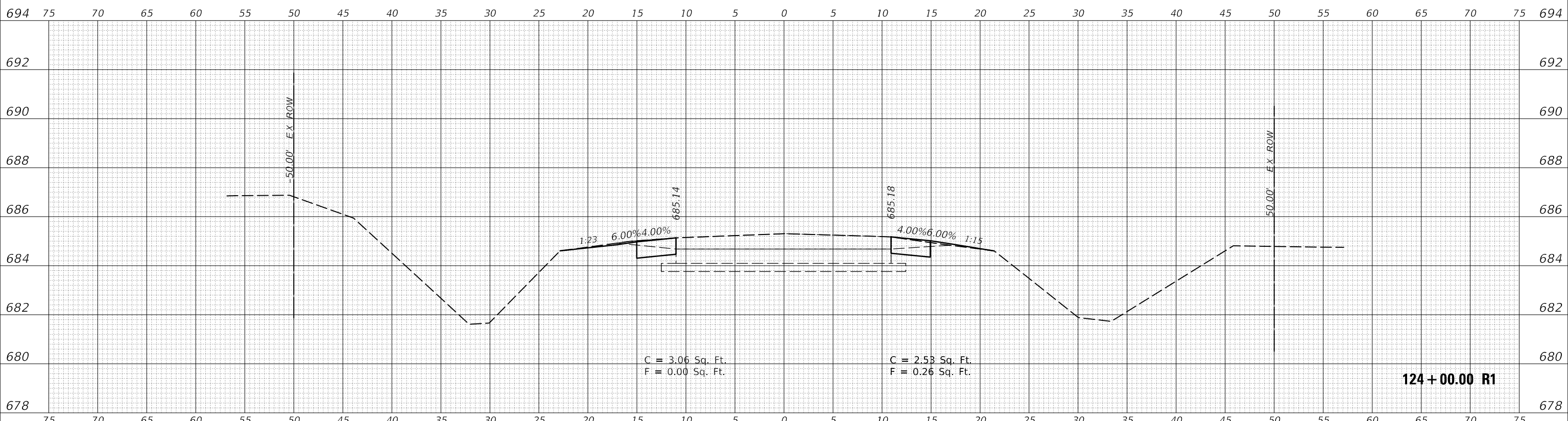
USER NAME = CurtinCB	DESIGNED -	REVISED -
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PLOT DATE = 6/15/2018	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

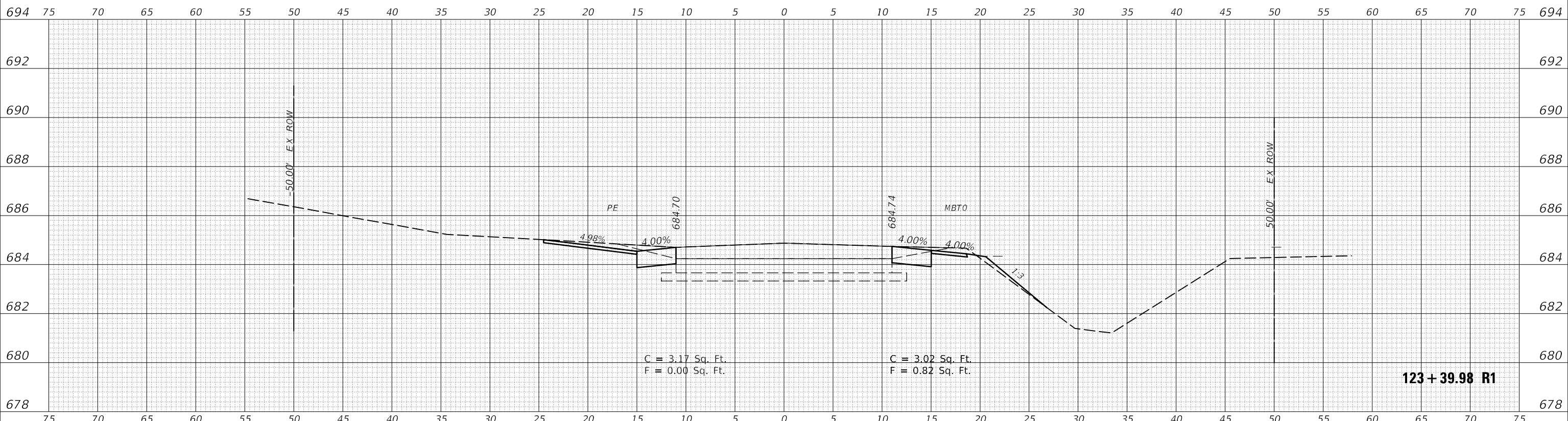
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SCALE:	SHEET 38	OF 237 SHEETS
	STA. 122+00.00 R1 TO STA. 123+00.00 R1	

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	80
CONTRACT NO. 70D07				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
DATE	
BY	



ORIGINAL SURVEY NO.	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
DATE	
BY	



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 PROJECT: 70D07  
 SHEET: 39 OF 237

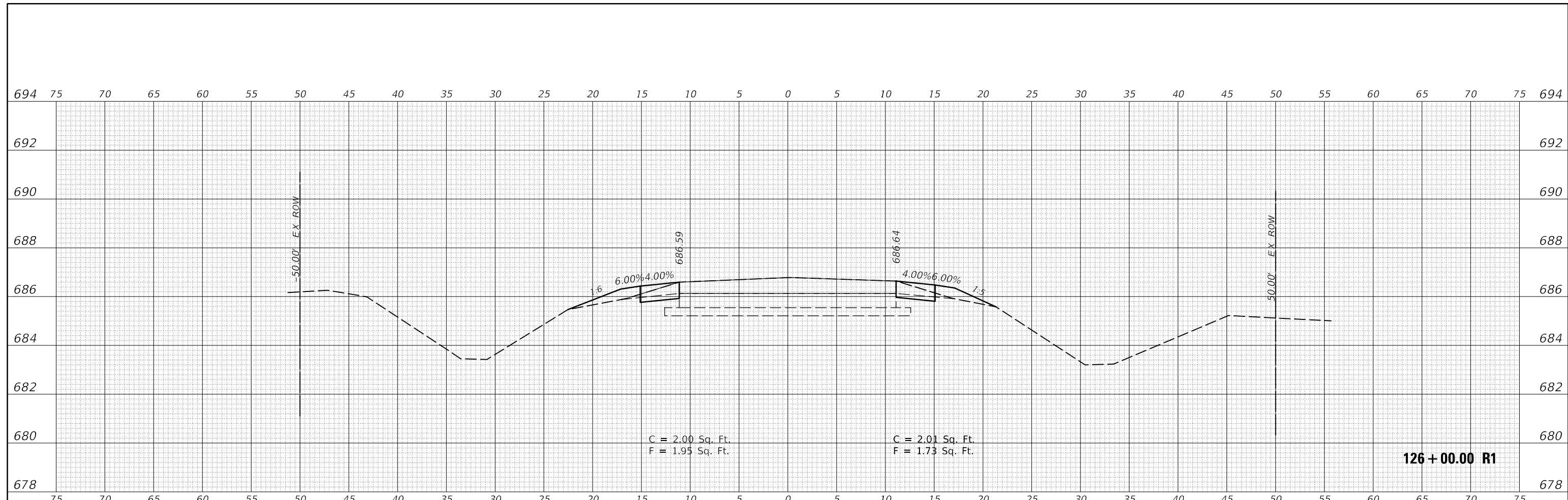
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PLOT SCALE = 10.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 6/15/2018	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

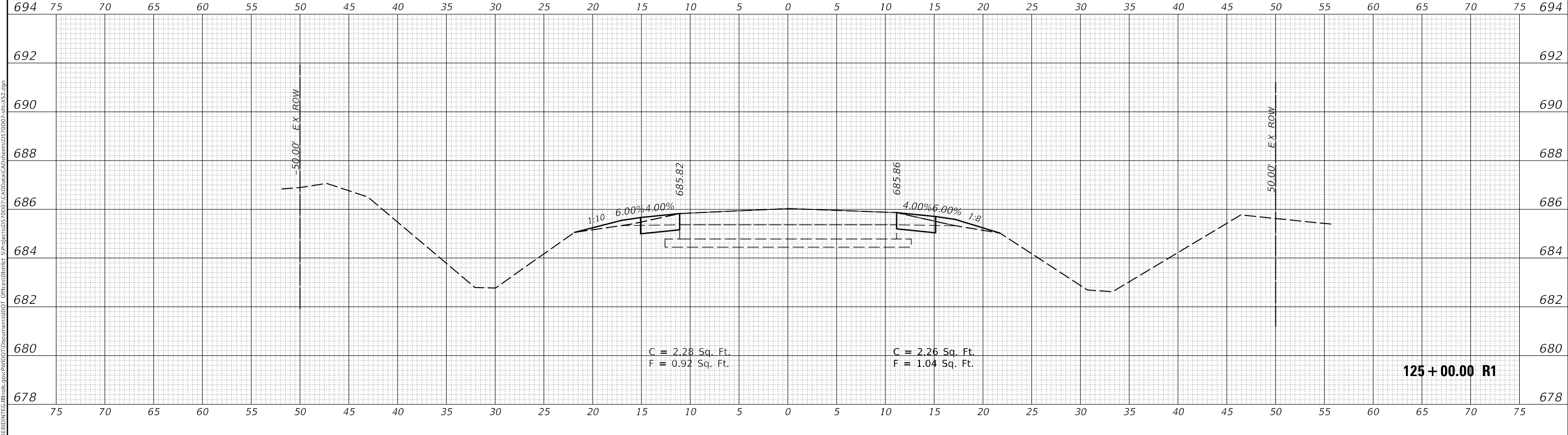
<b>CROSS SECTIONS HENNING RD</b>		
SCALE:	SHEET 39 OF 237 SHEETS	STA. 123+39.98 R1 TO STA. 124+00.00 R1

F.A.S. RTE. 498	SECTION (76,71,68,67,65,64)SR	COUNTY VERMILION	TOTAL SHEETS 279	SHEET NO. 81
CONTRACT NO. 70D07				
ILLINOIS FED. AID PROJECT				

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



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



USER NAME = CurtinCB	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 6/15/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

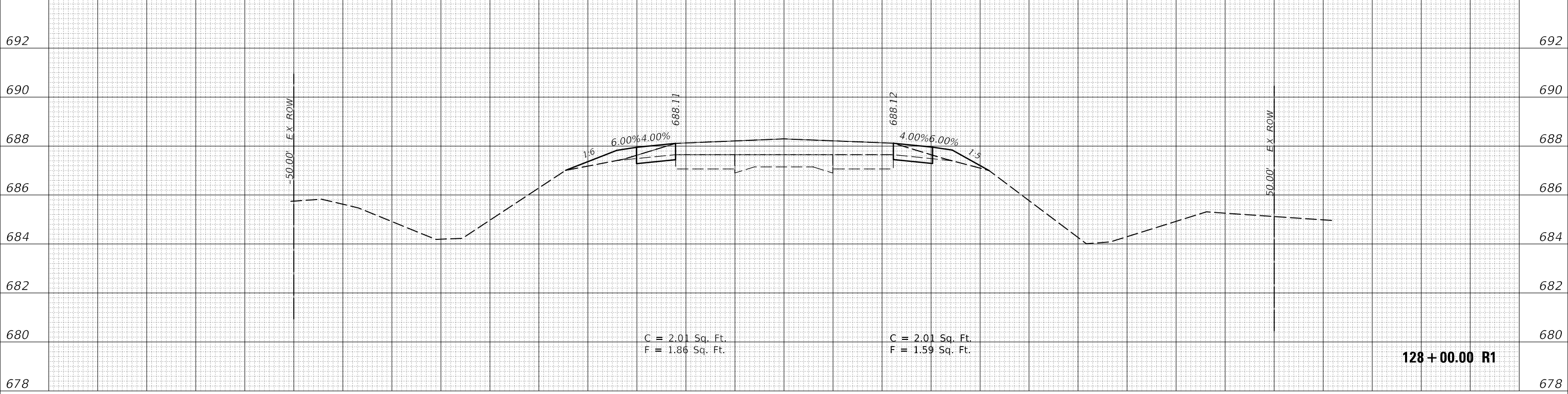
<b>CROSS SECTIONS HENNING RD</b>	
SCALE:	SHEET 40 OF 237 SHEETS
STA. 125+00.00 R1 TO STA. 126+00.00 R1	

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	82
CONTRACT NO. 70D07				
ILLINOIS FED. AID PROJECT				

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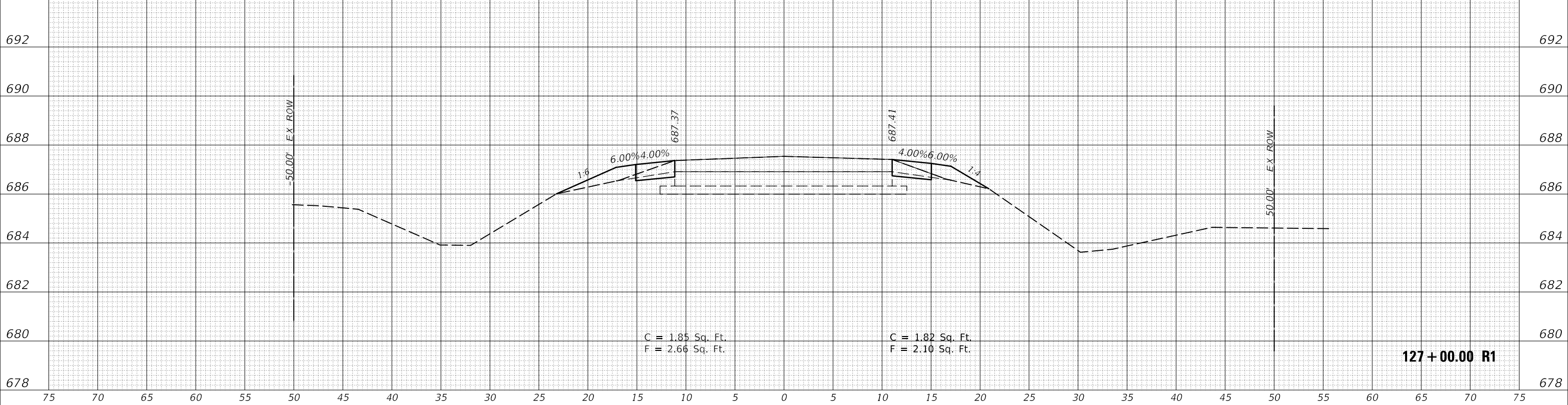
BY	DATE
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
FINAL SURVEY NO.	
NOTE BOOK NO.	
AREAS CHECKED	

694 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 694



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

694 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 694



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PLOT DATE = 6/15/2018	DATE -	REVISED -

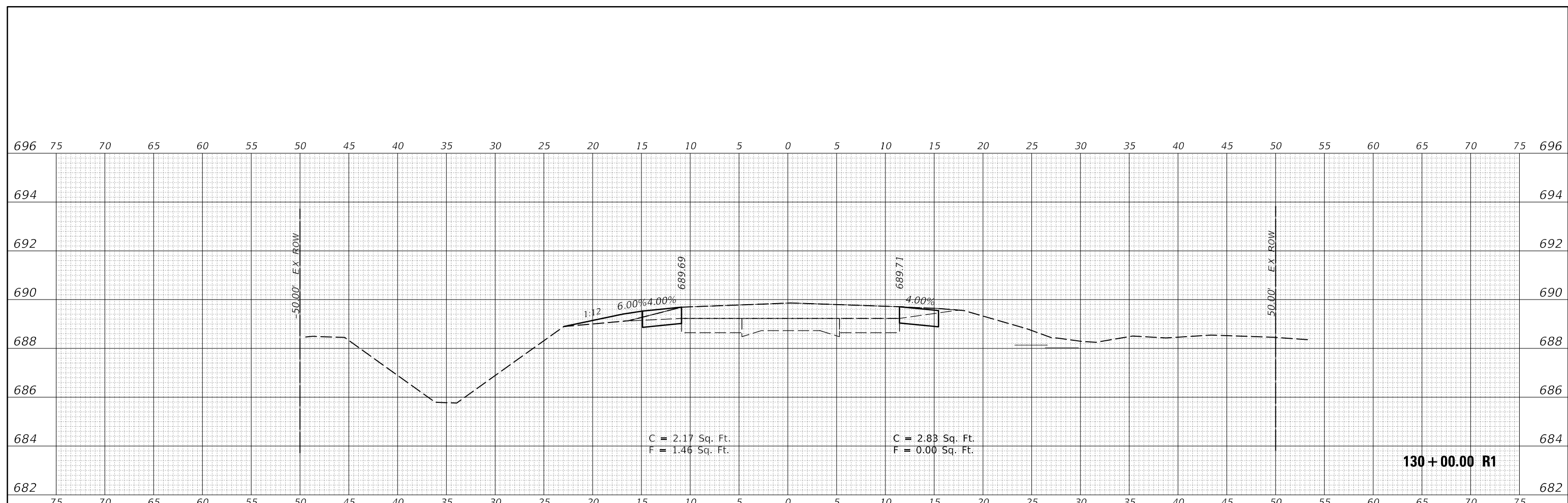
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS		
HENNING RD		
SCALE:	SHEET 41 OF 237 SHEETS	STA. 127+00.00 R1 TO STA. 128+00.00 R1

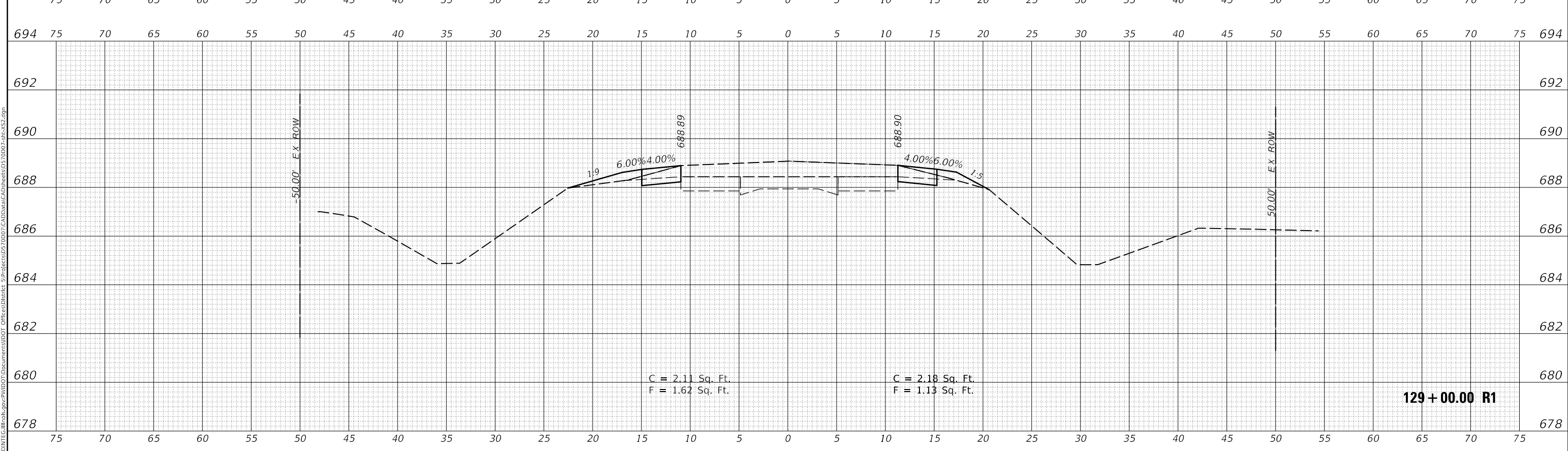
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	83
CONTRACT NO. 70D07				
ILLINOIS FED. AID PROJECT				



DATE	
BY	
FINAL SURVEY NO.	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	



DATE	
BY	
ORIGINAL SURVEY NO.	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	



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 USER: CurtinCB

USER NAME = CurtinCB	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 6/15/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

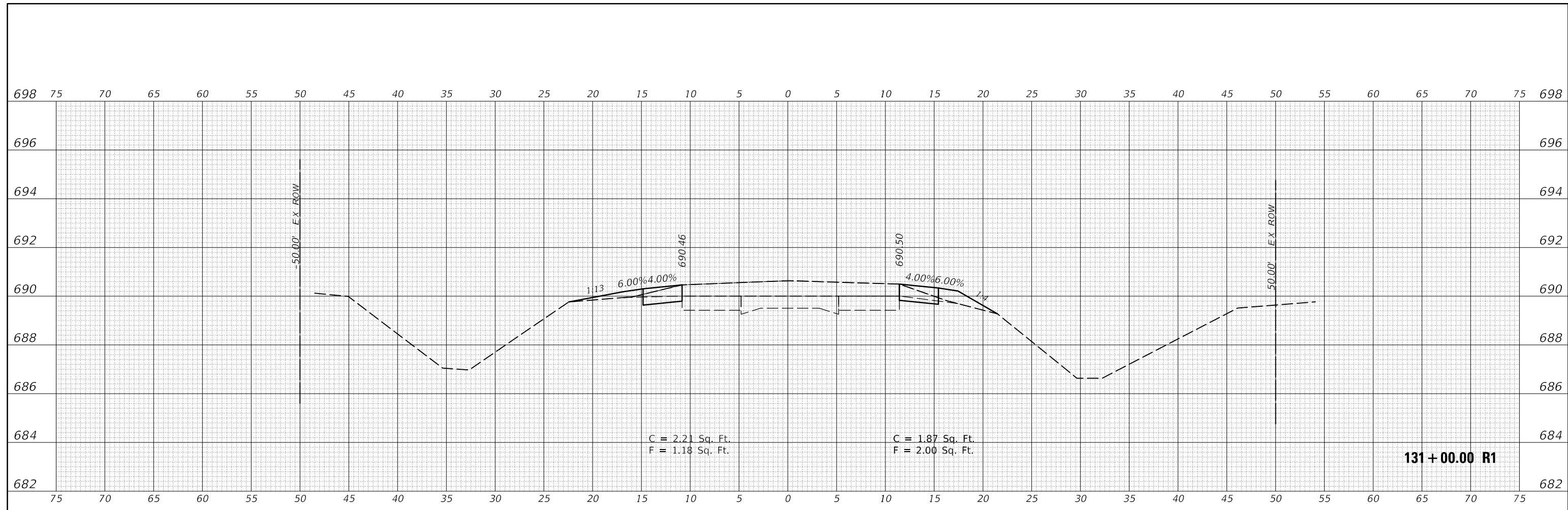
**CROSS SECTIONS  
 HENNING RD**

SCALE: SHEET 42 OF 237 SHEETS STA. 129+00.00 R1 TO STA. 130+00.00 R1

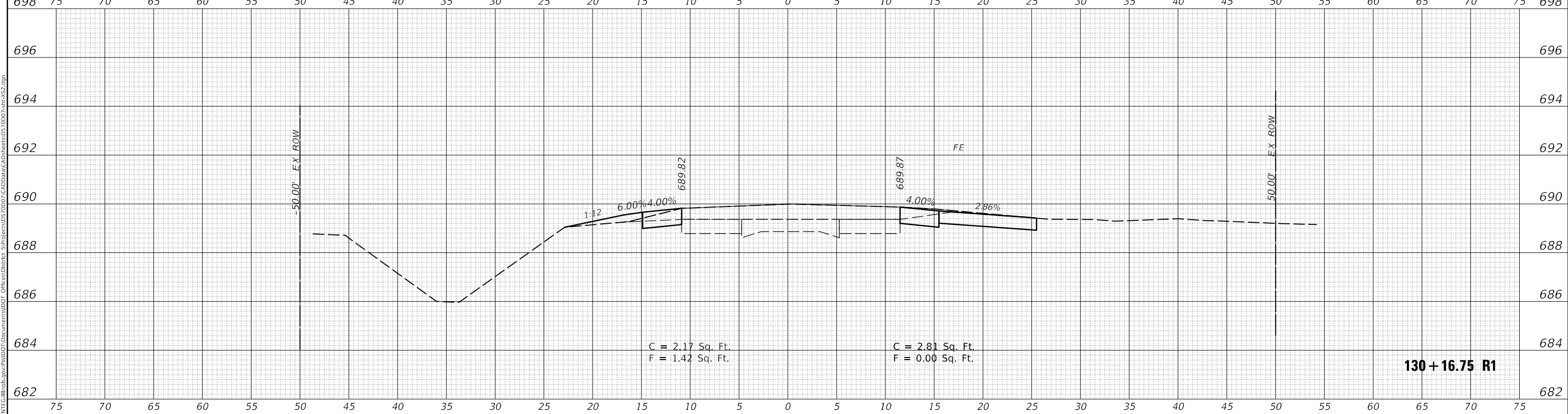
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				CONTRACT NO. 70D07
		ILLINOIS	FED. AID PROJECT	



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



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



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	DRAWN -	REVISED -
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PLOT DATE = 6/15/2018	DATE -	REVISED -

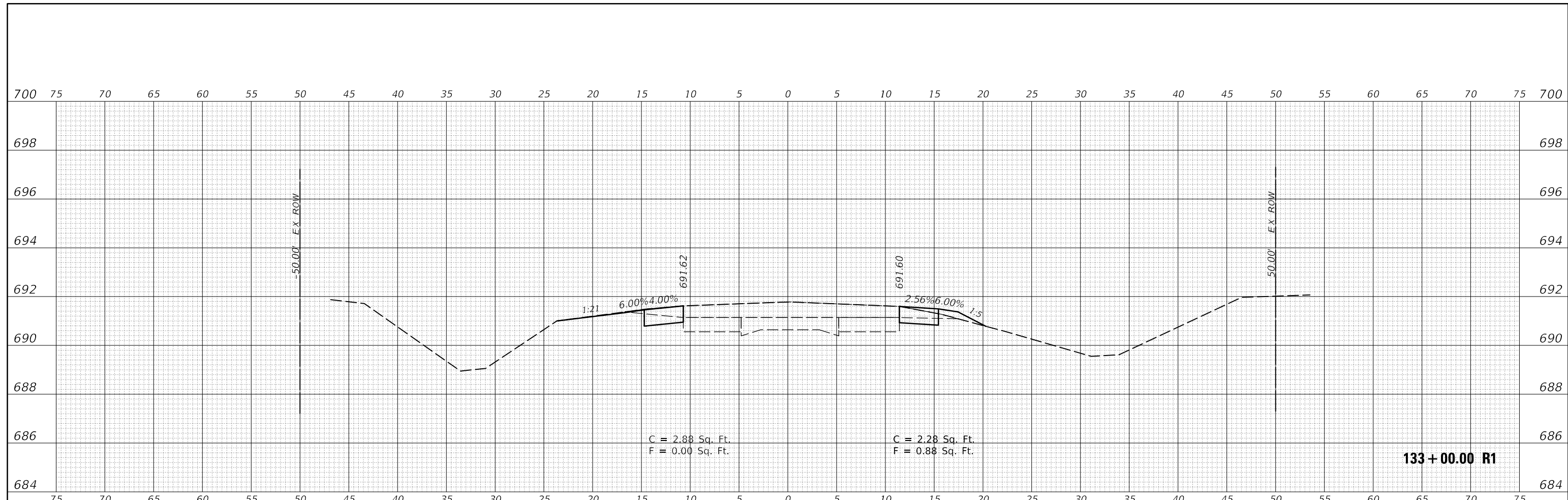
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 HENNING RD**

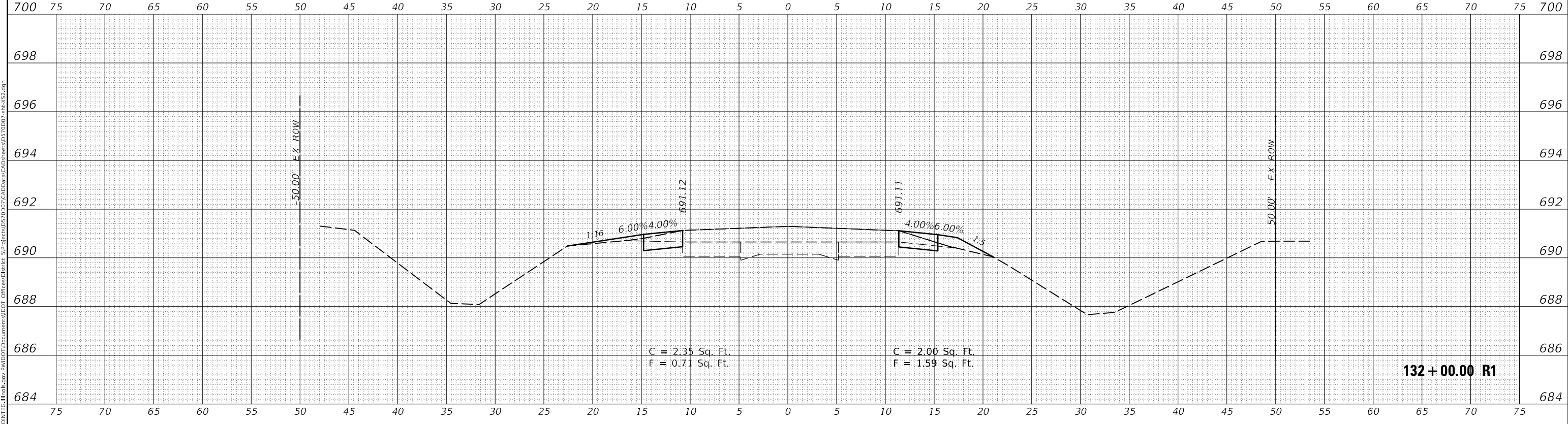
SCALE: SHEET 43 OF 237 SHEETS STA. 130+16.75 R1 TO STA. 131+00.00 R1

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	85
CONTRACT NO. 70D07				
ILLINOIS FED. AID PROJECT				

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



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



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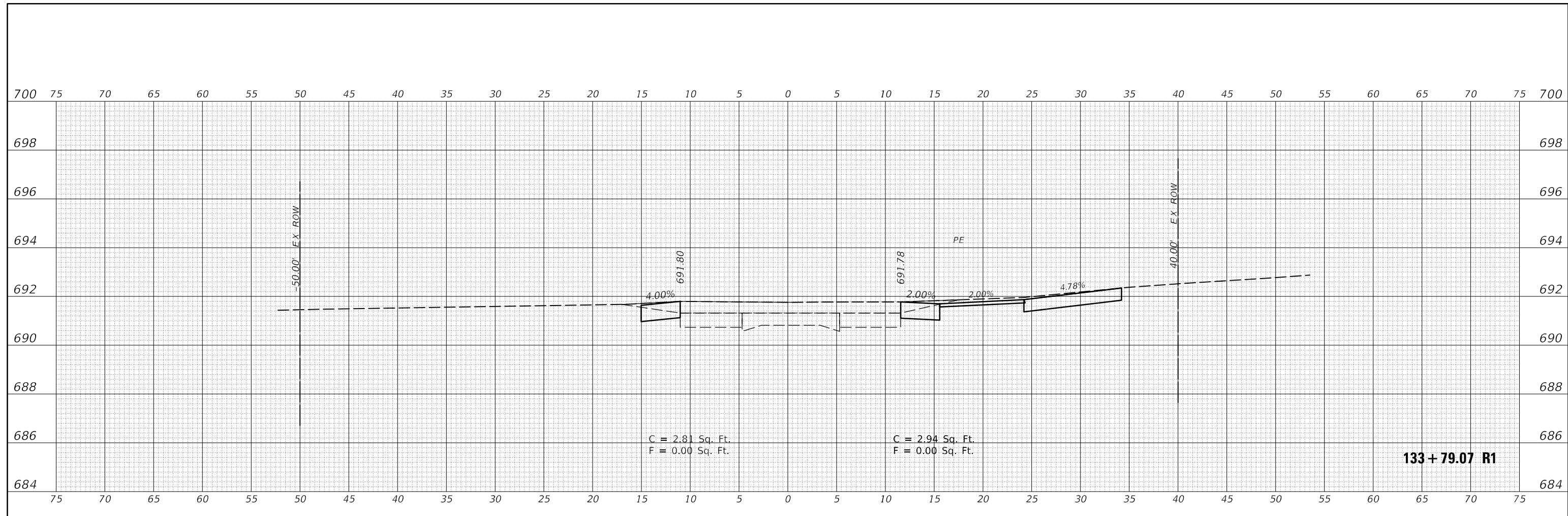
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PLOT DATE = 6/15/2018	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>CROSS SECTIONS HENNING RD</b>		
SCALE:	SHEET 44 OF 237 SHEETS	STA. 132+00.00 R1 TO STA. 133+00.00 R1

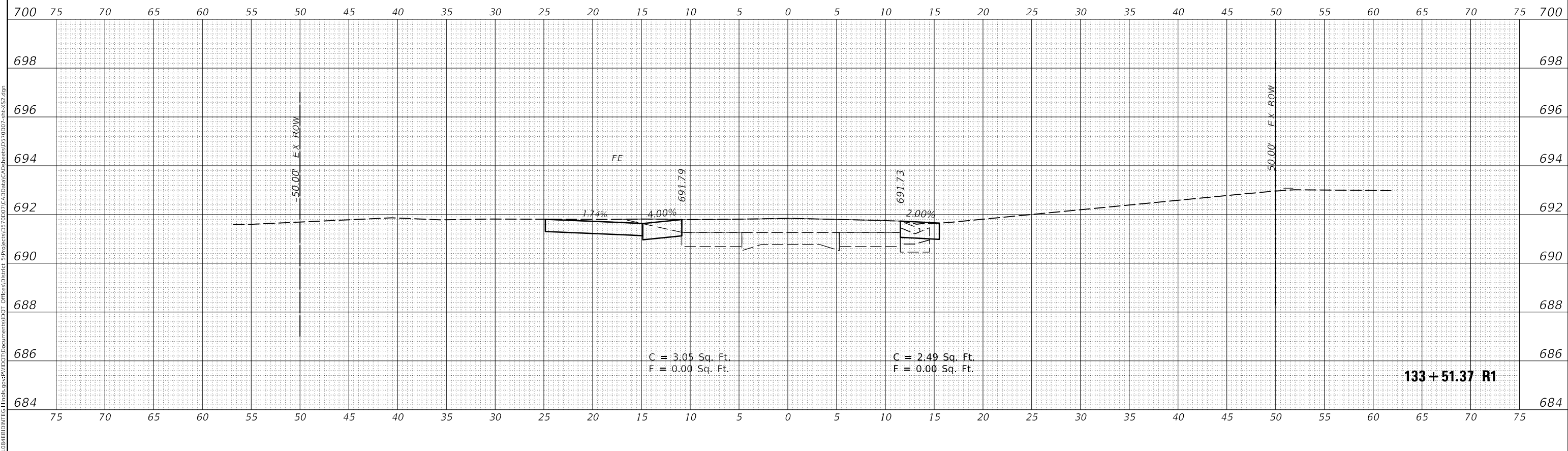
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	86
CONTRACT NO. 70D07				
ILLINOIS FED. AID PROJECT				

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



133+79.07 R1

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



133+51.37 R1

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	DRAWN -	REVISED -
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PLOT DATE = 6/15/2018	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

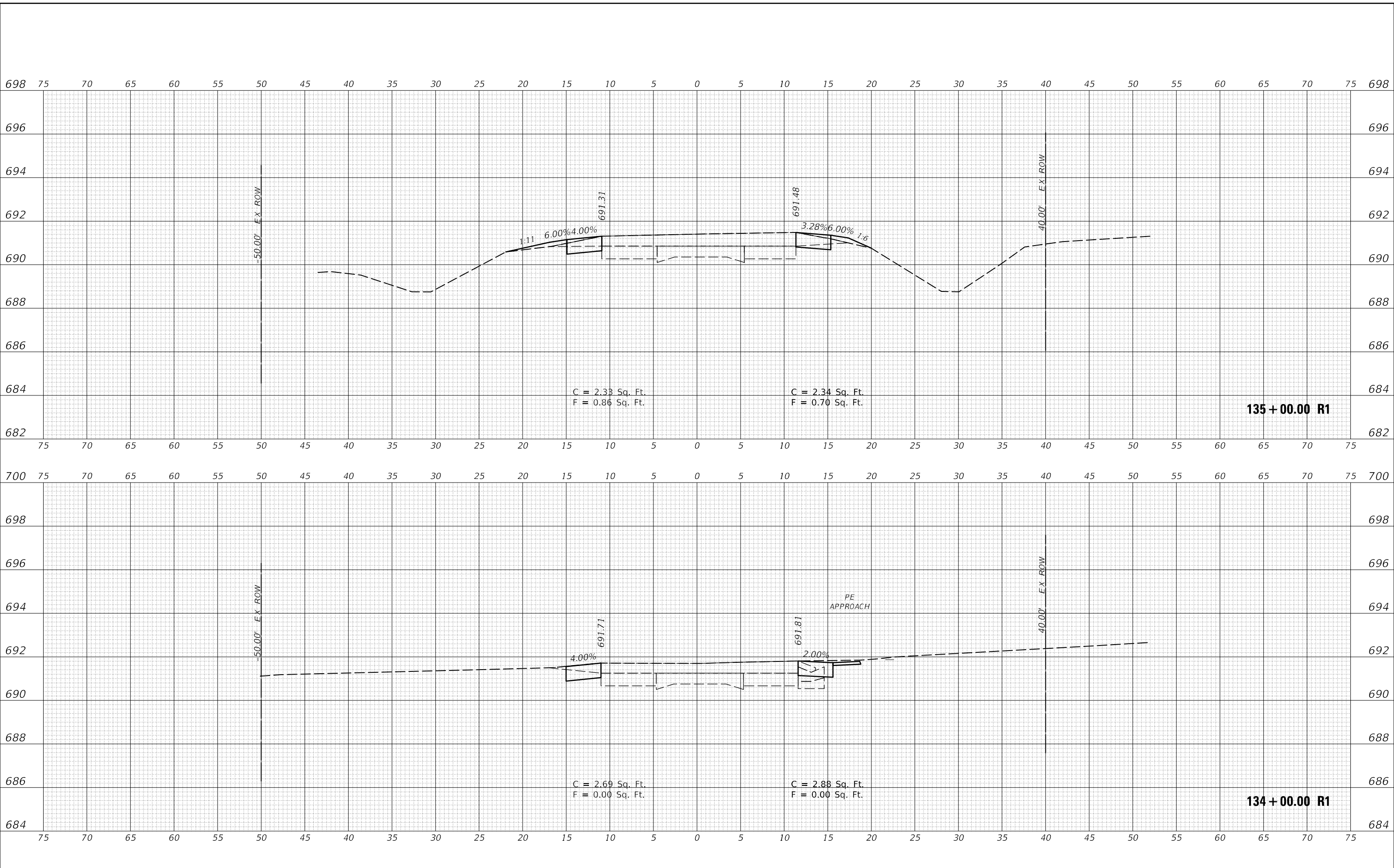
CROSS SECTIONS HENNING RD		
SCALE:	SHEET 45 OF 237 SHEETS	STA. 133+51.37 R1 TO STA. 133+79.07 R1

F.A.S. RTE. 498	SECTION (76,71,68,67,65,64)SR	COUNTY VERMILION	TOTAL SHEETS 279	SHEET NO. 87
			CONTRACT NO. 70D07	
ILLINOIS			FED. AID PROJECT	

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

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

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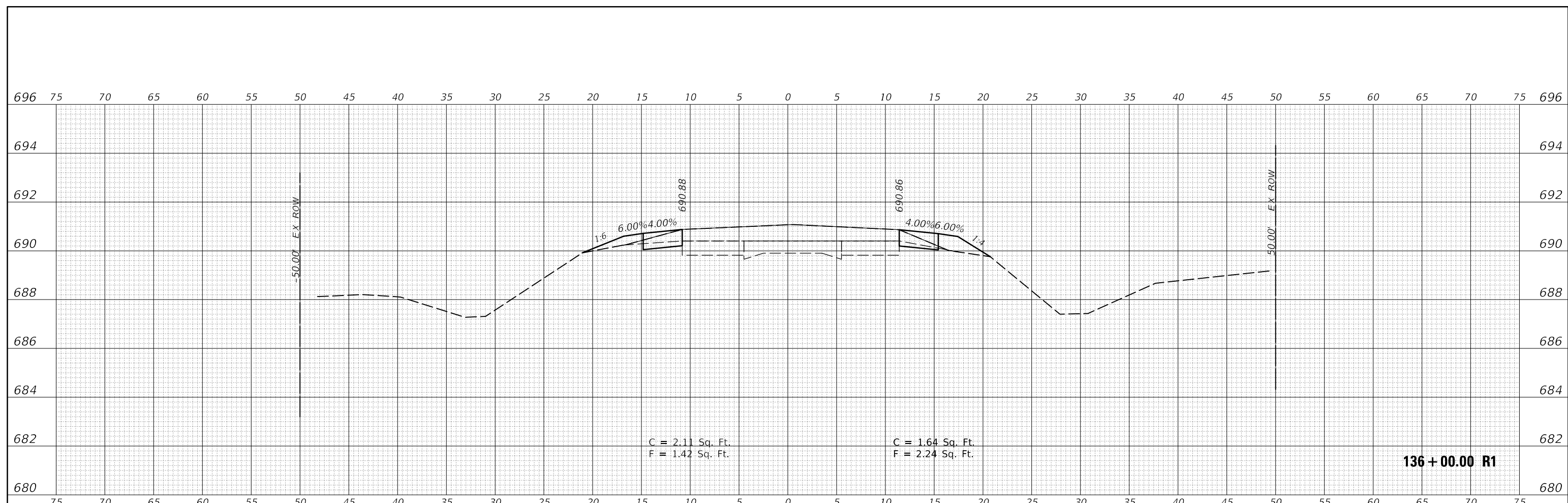
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PLOT DATE = 6/15/2018	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>CROSS SECTIONS HENNING RD</b>	
SCALE:	SHEET 46 OF 237 SHEETS
STA. 134+00.00 R1 TO STA. 135+00.00 R1	

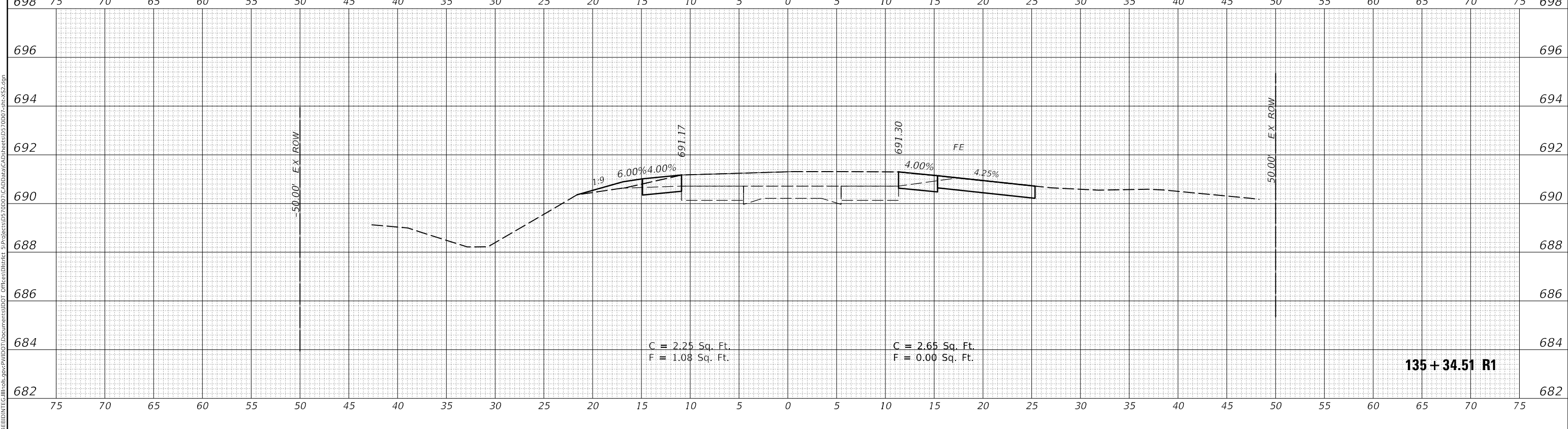
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	88
CONTRACT NO. 70D07				
ILLINOIS FED. AID PROJECT				

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



136 + 00.00 R1

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



135 + 34.51 R1

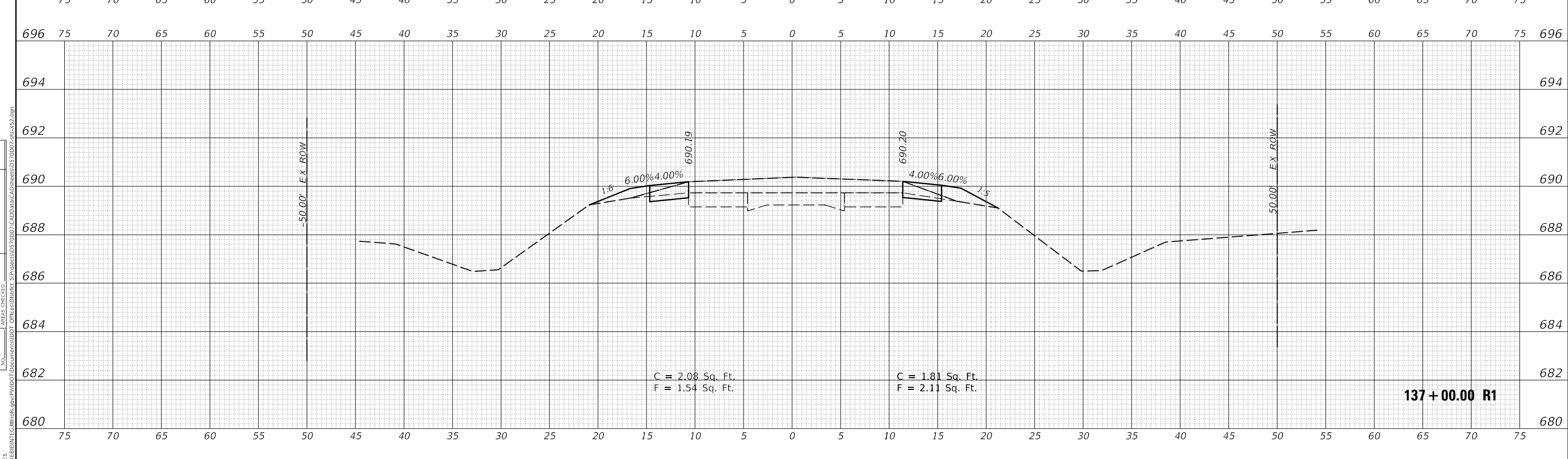
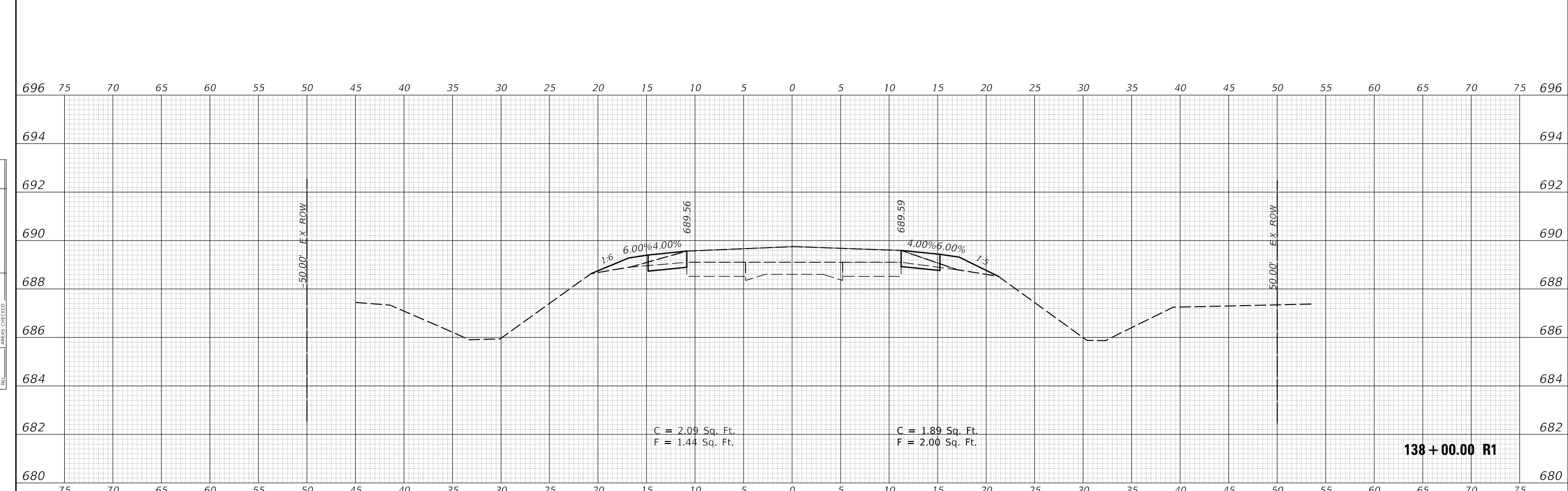
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PLOT DATE = 6/15/2018	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS  
HENNING RD  
SCALE: SHEET 47 OF 237 SHEETS STA. 135+34.51 R1 TO STA. 136+00.00 R1

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	89
CONTRACT NO. 70D07				
ILLINOIS FED. AID PROJECT				

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

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

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DESIGNED -	DRAWN -	REVISED -
DRAWN -	CHECKED -	REVISED -
CHECKED -	DATE -	REVISED -
DATE -		

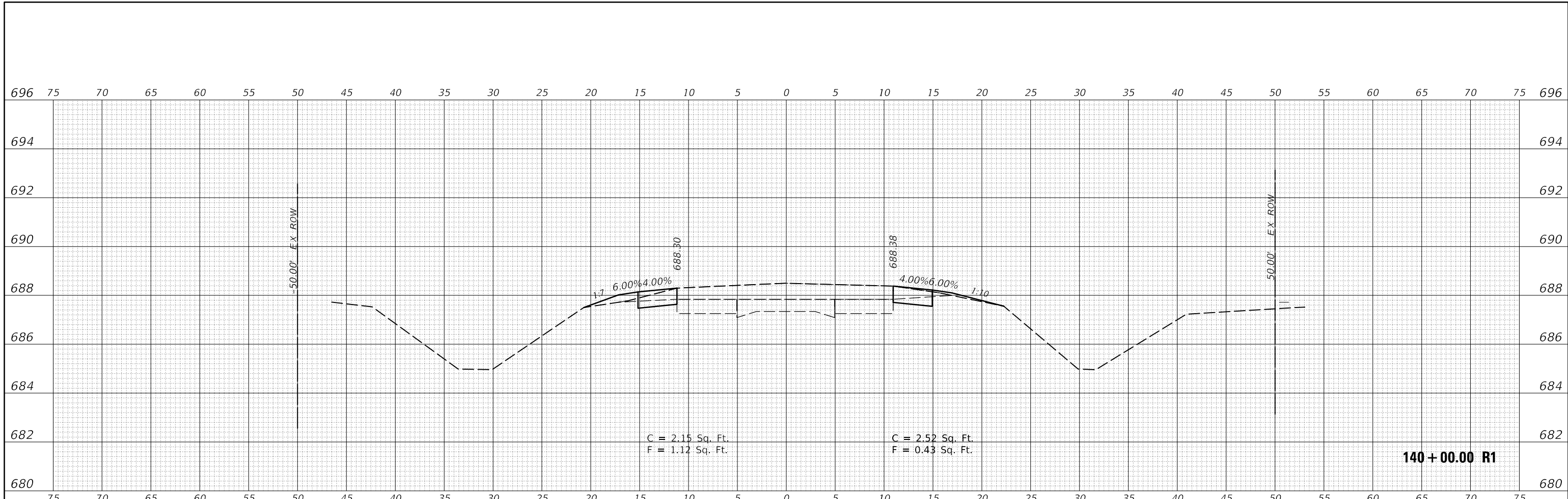
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SCALE:	SHEET 48 OF 237 SHEETS	STA. 137+00.00 R1 TO STA. 138+00.00 R1
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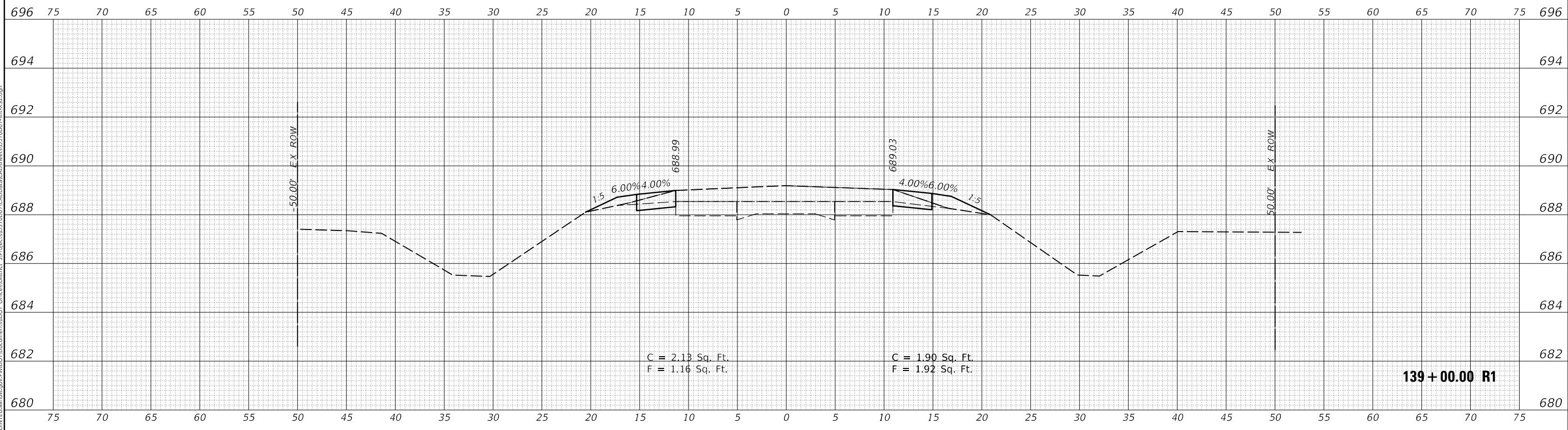
**CROSS SECTIONS  
HENNING RD**

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	90
			CONTRACT NO. 70D07	
ILLINOIS   FED. AID PROJECT				

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



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



MODEL: \$PROJECTNAME\$  
FILE NAME: \$PROJECTNAME\$.DWG

USER NAME = CurtinCB	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 6/15/2018	DATE -	REVISED -

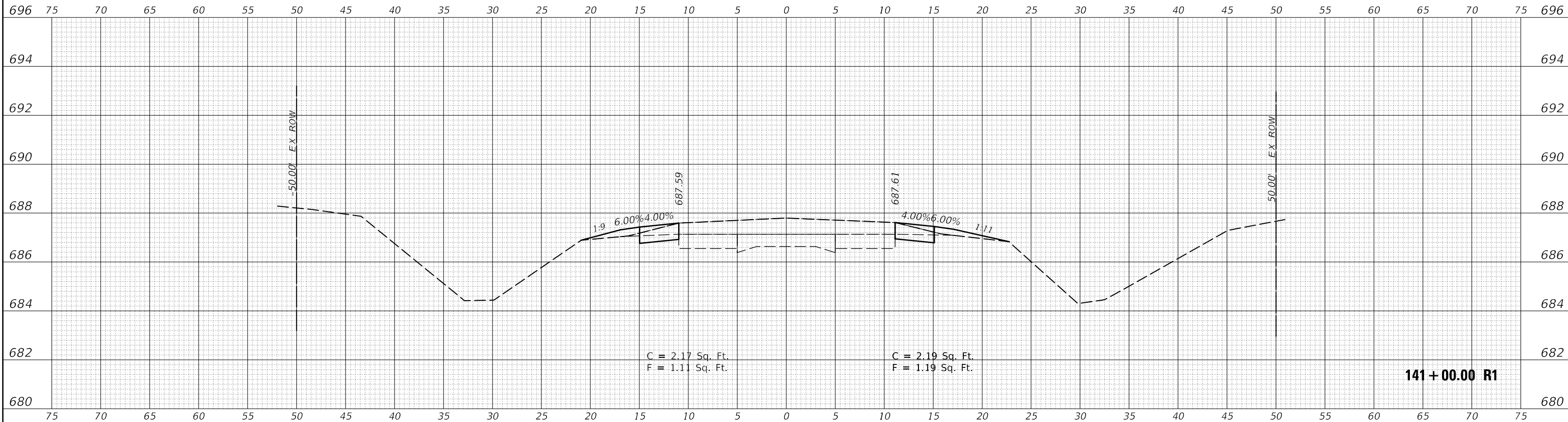
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>CROSS SECTIONS HENNING RD</b>		
SCALE:	SHEET 49 OF 237 SHEETS	STA. 139+00.00 R1 TO STA. 140+00.00 R1

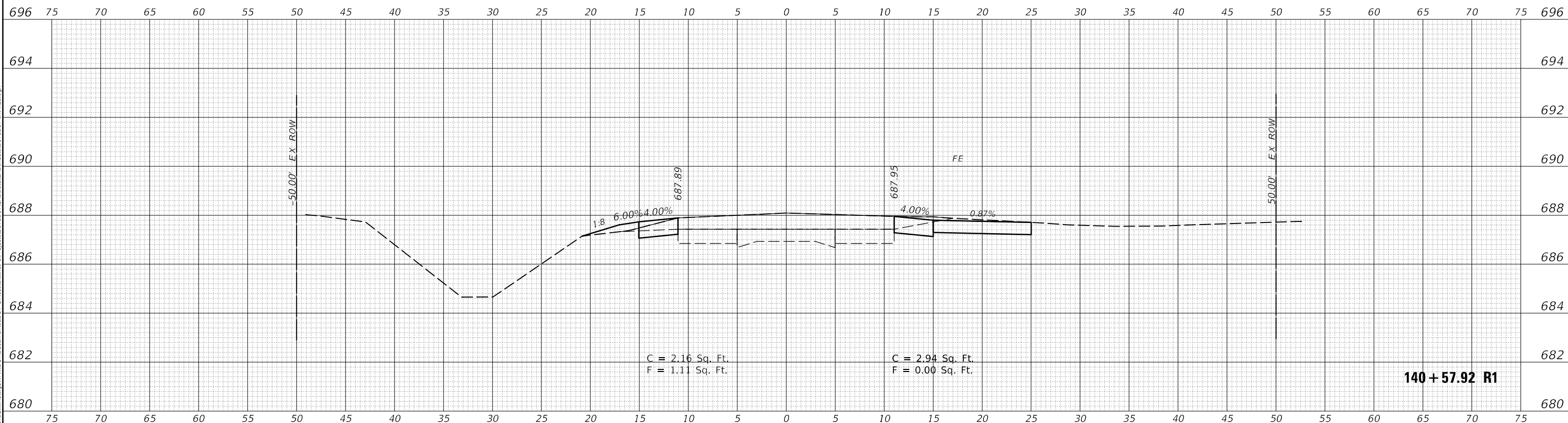
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	91
CONTRACT NO. 70D07				
ILLINOIS FED. AID PROJECT				



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



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



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USER NAME = CurtinCB	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 6/15/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

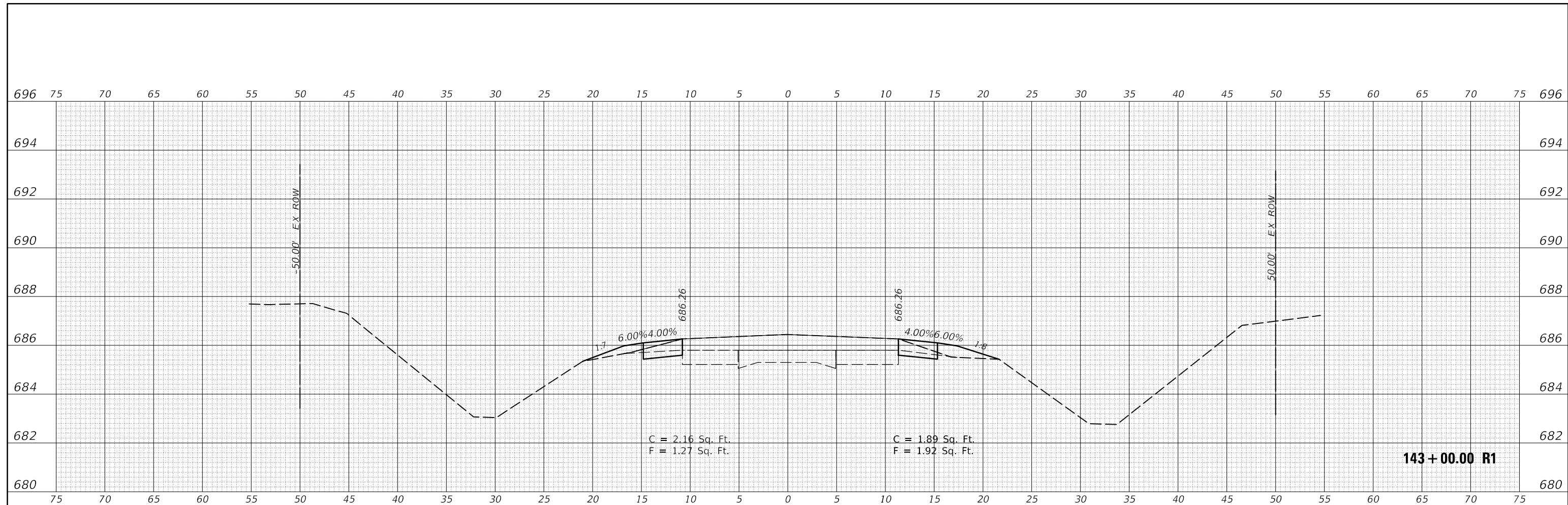
**CROSS SECTIONS  
HENNING RD**

SCALE: SHEET 50 OF 237 SHEETS STA. 140+57.92 R1 TO STA. 141+00.00 R1

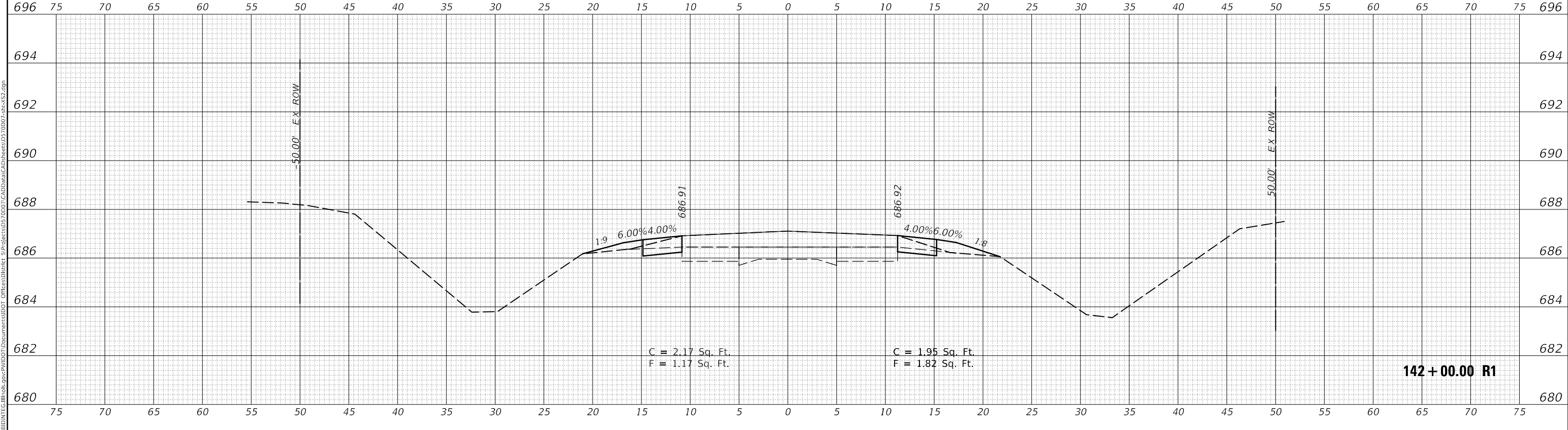
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	92
CONTRACT NO. 70D07				
ILLINOIS FED. AID PROJECT				



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



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



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USER NAME = CurtinCB	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 6/15/2018	DATE -	REVISED -

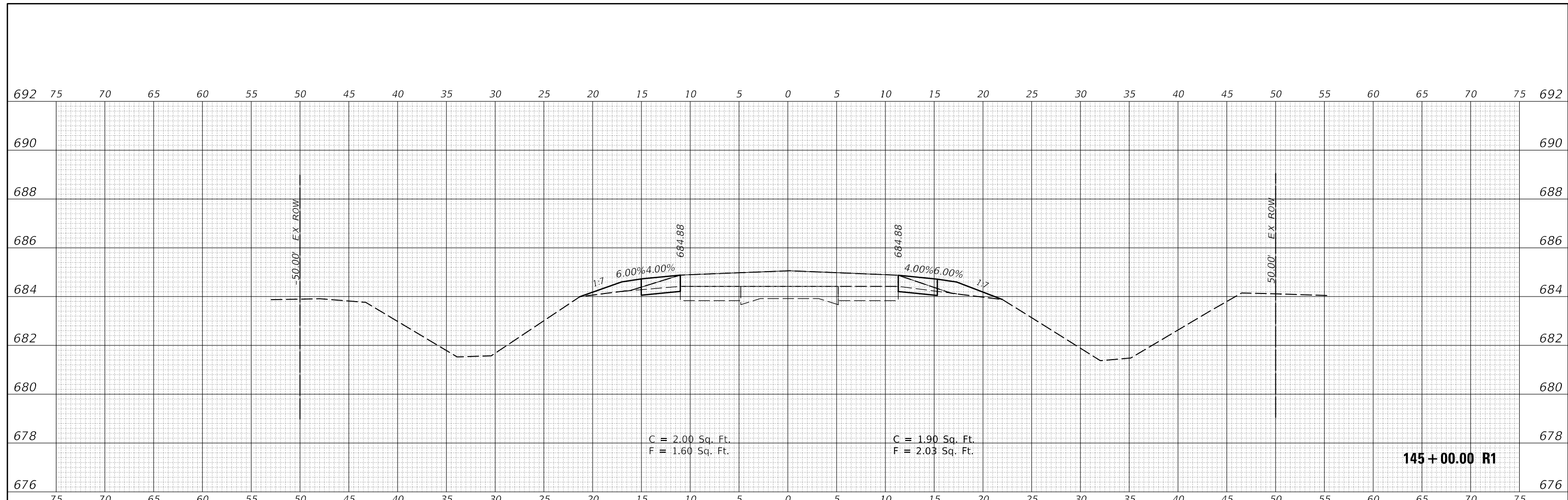
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 HENNING RD**

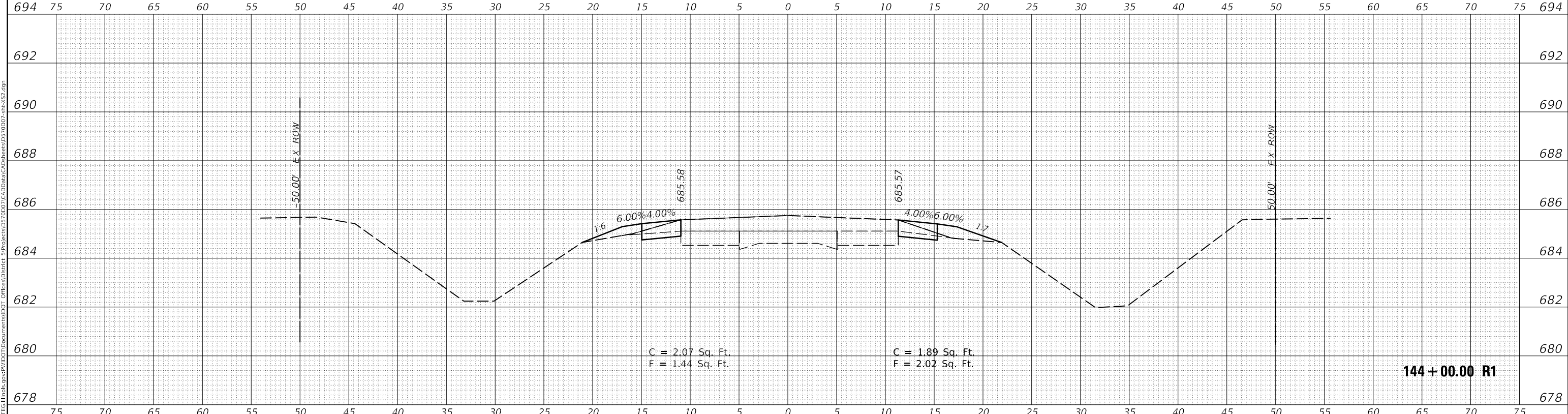
SCALE: SHEET 51 OF 237 SHEETS STA. 142+00.00 R1 TO STA. 143+00.00 R1

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	93
				CONTRACT NO. 70D07
				ILLINOIS FED. AID PROJECT

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



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



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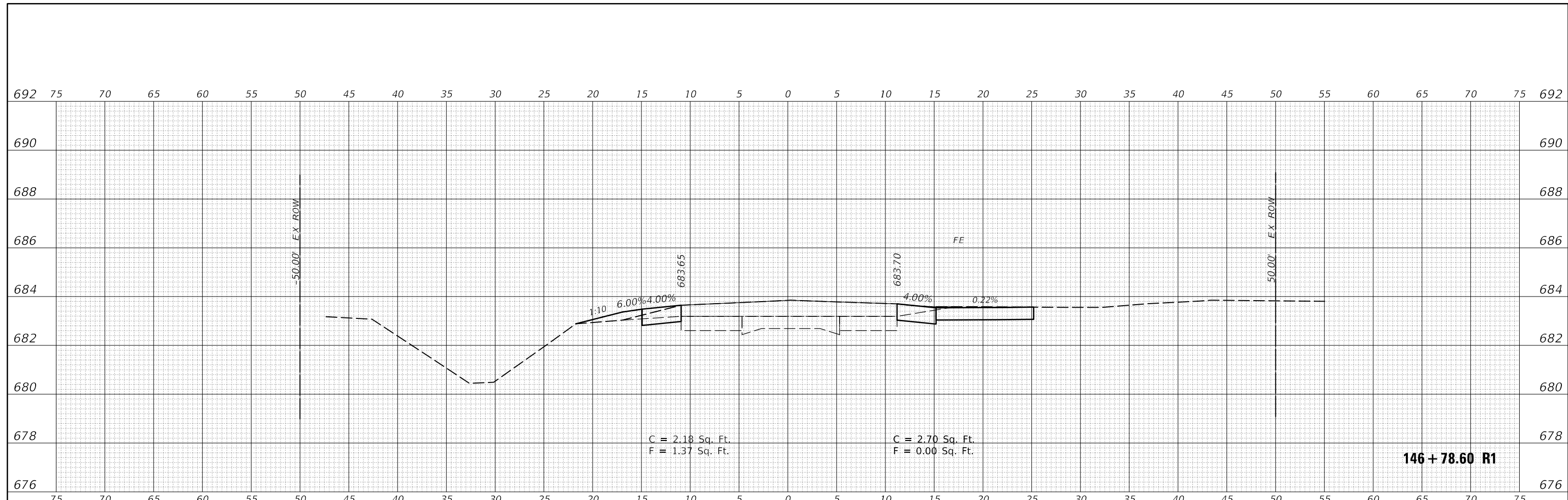
USER NAME = CurtinCB	DESIGNED -	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 6/15/2018	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

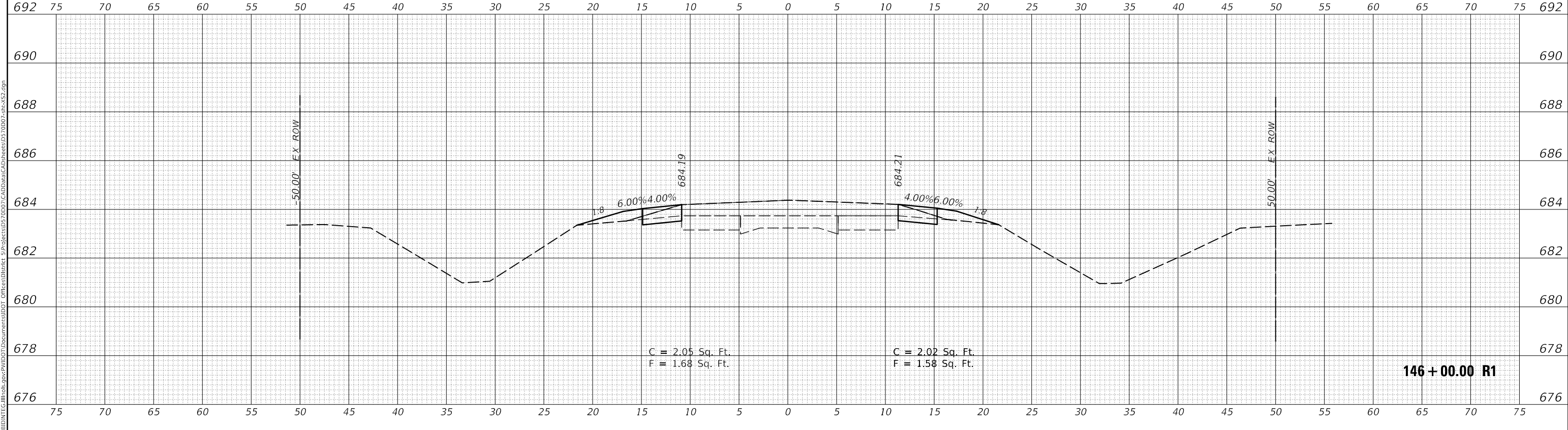
<b>CROSS SECTIONS HENNING RD</b>	
SCALE:	SHEET 52 OF 237 SHEETS
STA. 144+00.00 R1 TO STA. 145+00.00 R1	

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	94
CONTRACT NO. 70D07				
ILLINOIS FED. AID PROJECT				

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



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



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USER NAME = CurtinCB	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 6/15/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 HENNING RD**

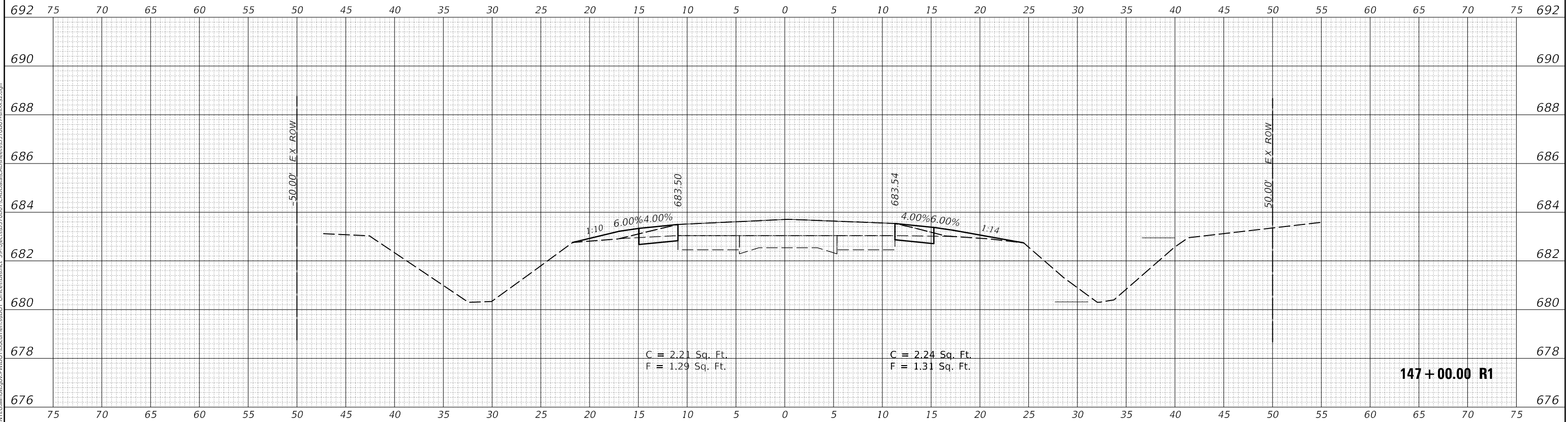
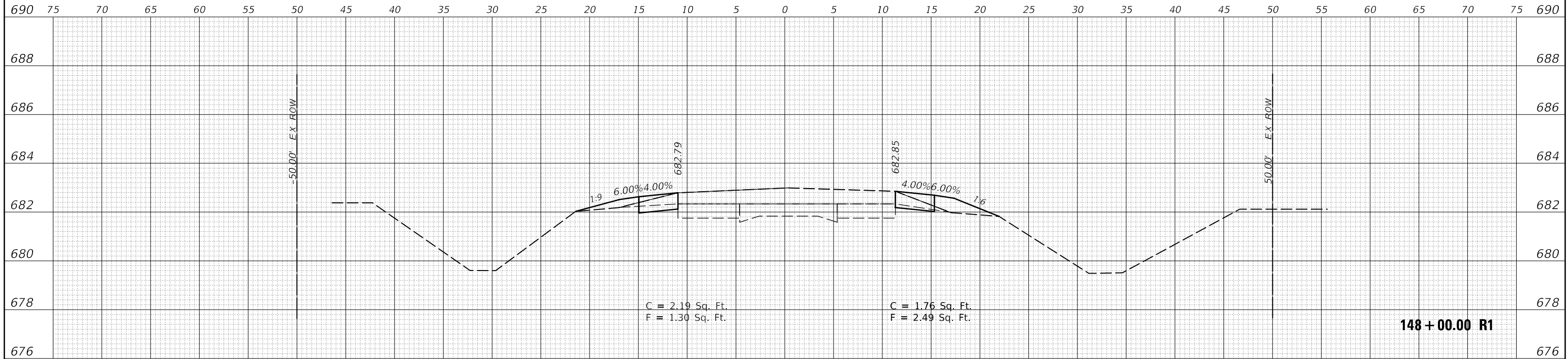
SCALE: SHEET 53 OF 237 SHEETS STA. 146+00.00 R1 TO STA. 146+78.60 R1

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	95
CONTRACT NO. 70D07				
ILLINOIS FED. AID PROJECT				

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

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

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USER NAME = CurtinCB	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 6/15/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

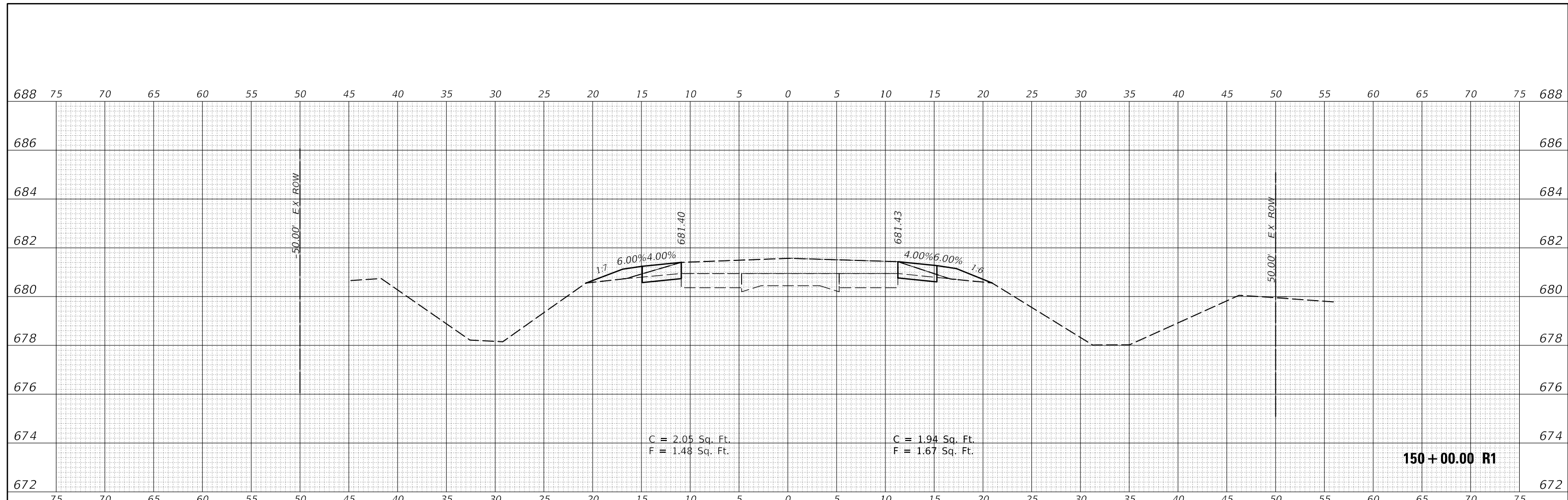
**CROSS SECTIONS  
HENNING RD**

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	96
CONTRACT NO. 70D07				

SCALE: SHEET 54 OF 237 SHEETS STA. 147+00.00 R1 TO STA. 148+00.00 R1

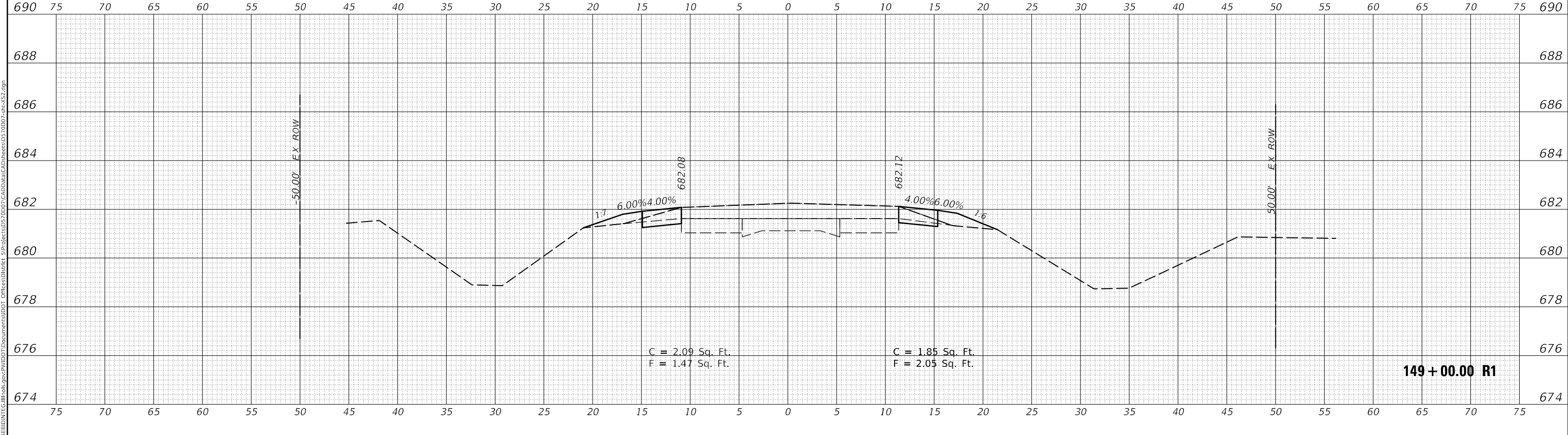
ILLINOIS FED. AID PROJECT

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



150+00.00 R1

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



149+00.00 R1

MODEL: S:\MODEL\NAMES  
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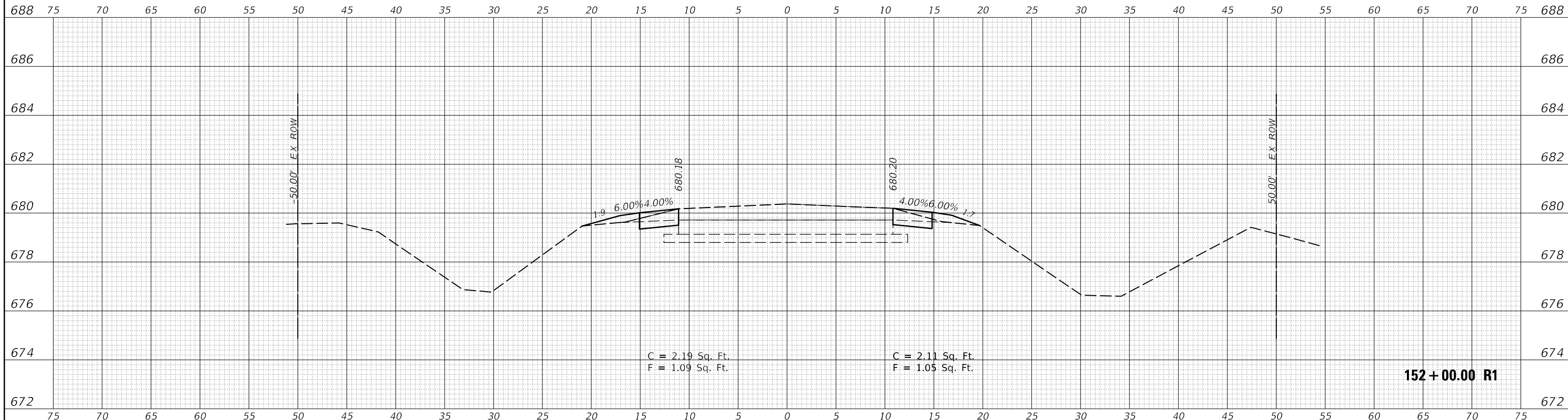
USER NAME = CurtinCB	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 6/15/2018	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

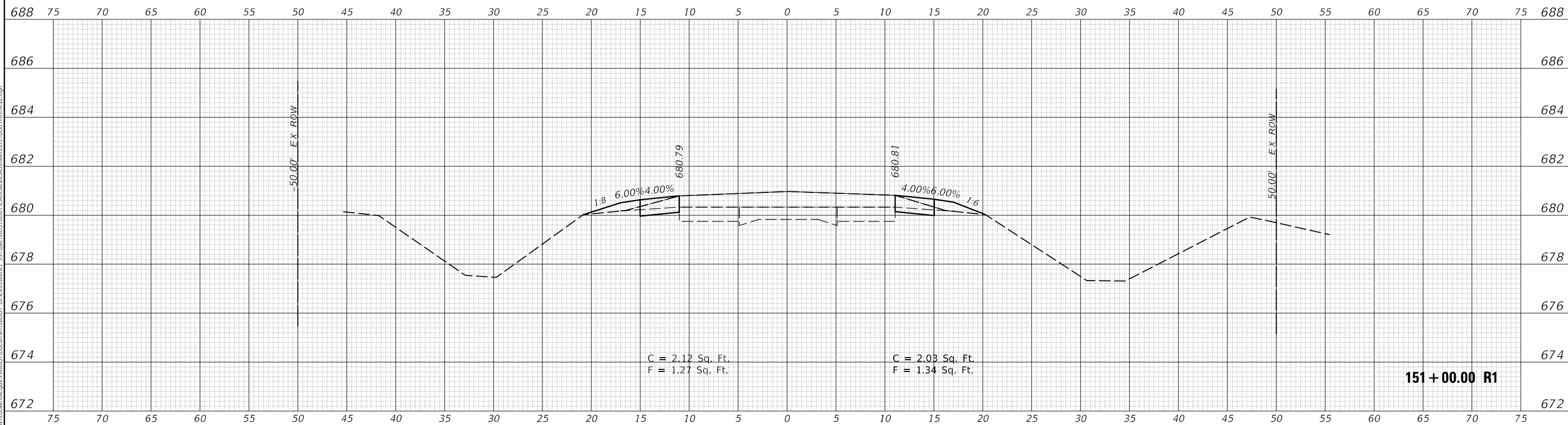
CROSS SECTIONS	
HENNING RD	
SCALE:	SHEET 55 OF 237 SHEETS
STA. 149+00.00 R1 TO STA. 150+00.00 R1	

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	97
CONTRACT NO. 70D07				
ILLINOIS FED. AID PROJECT				

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



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



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USER NAME = CurtinCB	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 6/15/2018	DATE -	REVISED -

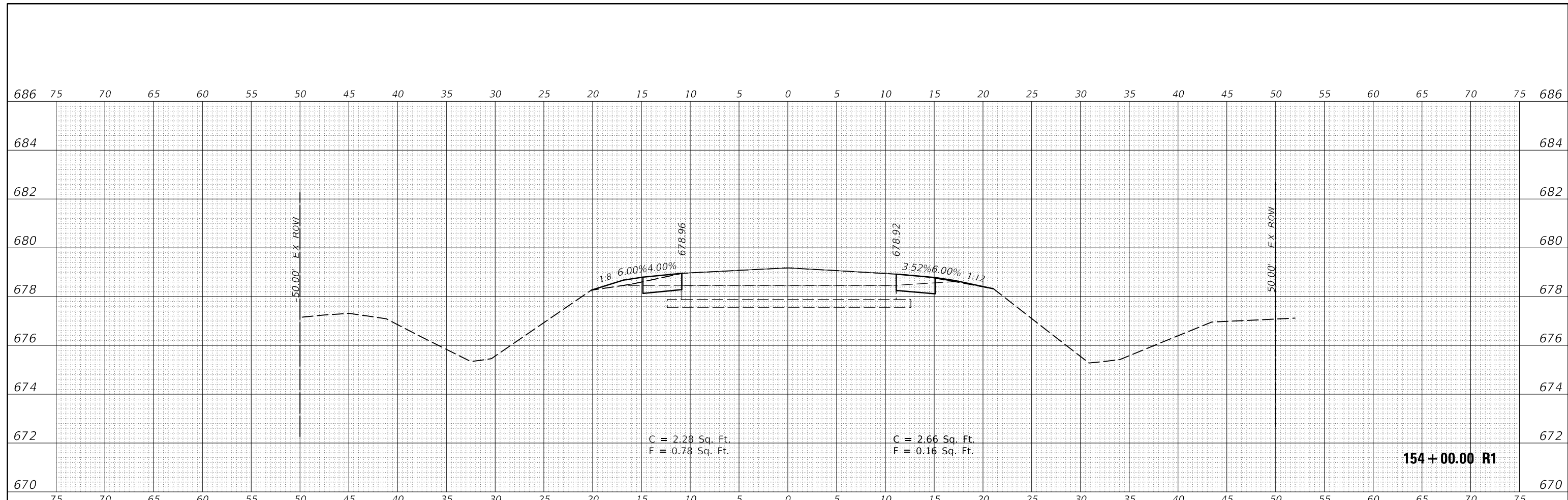
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 HENNING RD**

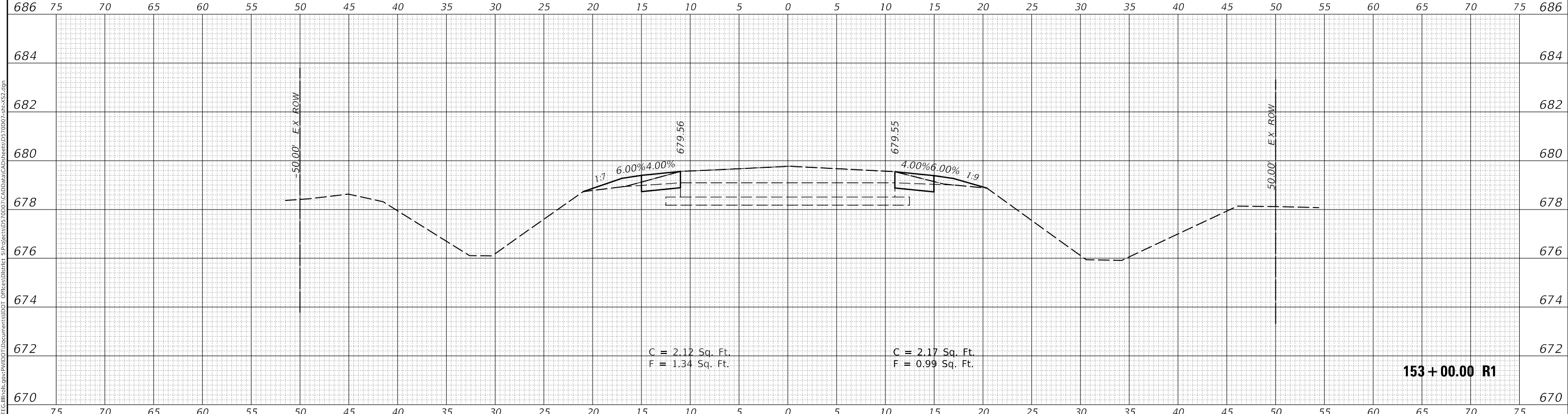
SCALE: SHEET 56 OF 237 SHEETS STA. 151+00.00 R1 TO STA. 152+00.00 R1

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	98
CONTRACT NO. 70D07				
ILLINOIS FED. AID PROJECT				

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



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



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USER NAME = CurtinCB	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 6/15/2018	DATE -	REVISED -

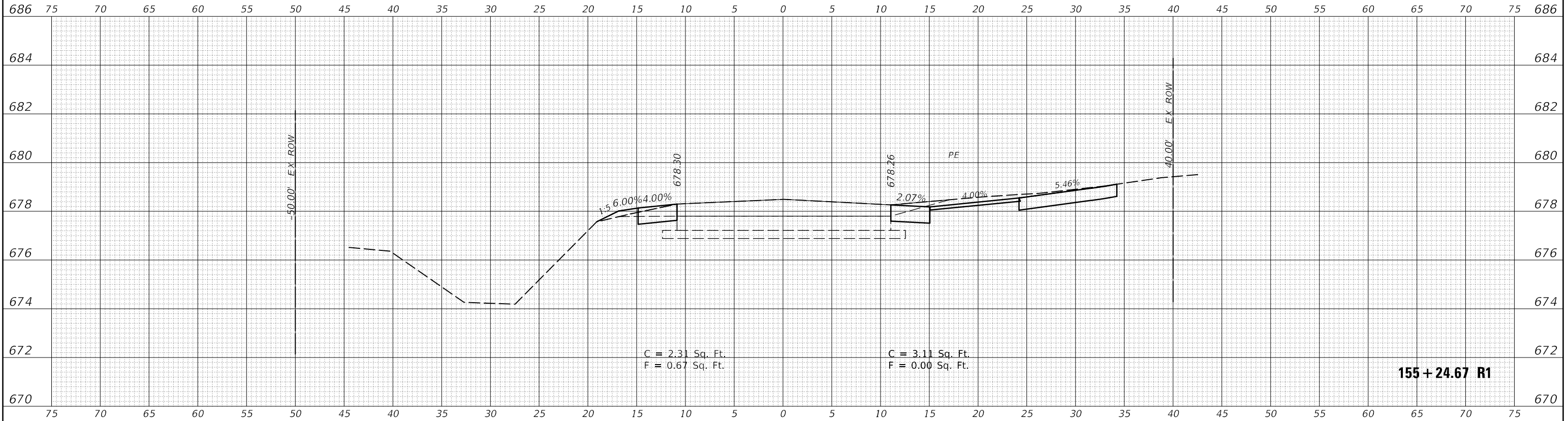
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>CROSS SECTIONS HENNING RD</b>	
SCALE:	SHEET 57 OF 237 SHEETS
STA. 153+00.00 R1 TO STA. 154+00.00 R1	

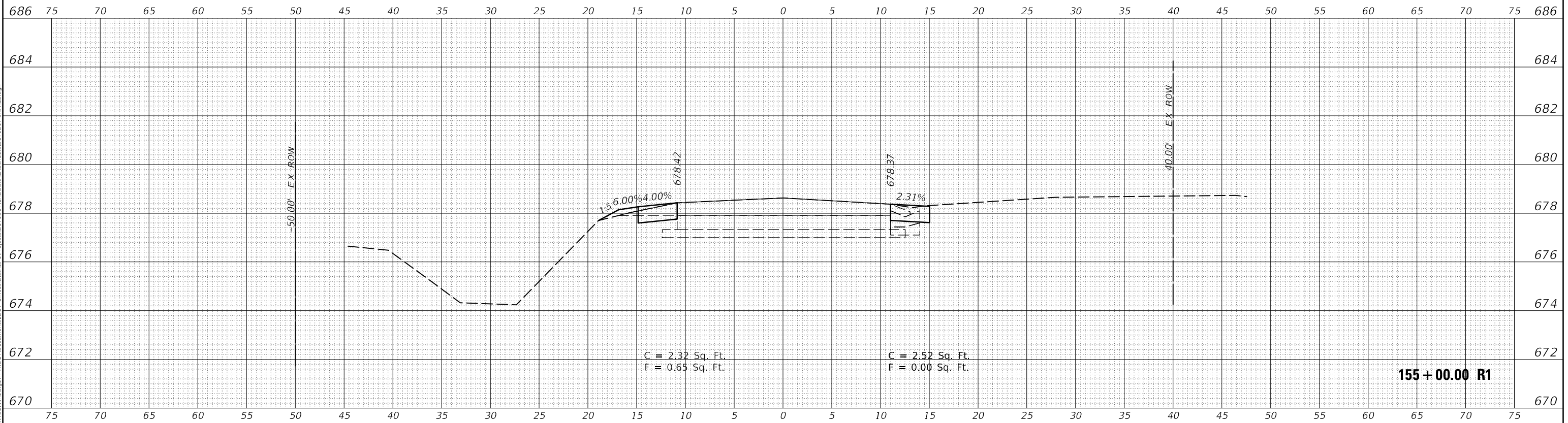
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	99
CONTRACT NO. 70D07				
ILLINOIS FED. AID PROJECT				



DATE	
BY	
FINAL SURVEY NO.	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	



DATE	
BY	
ORIGINAL SURVEY NO.	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	



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	DRAWN -	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 6/15/2018	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS HENNING RD			
SCALE:	SHEET 58	OF 237 SHEETS	STA. 155+00.00 R1 TO STA. 155+24.67 R1

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
498	(76,71,68,67,65,64)SR	VERMILION	279	100
CONTRACT NO. 70D07				
ILLINOIS FED. AID PROJECT				