

08-02-13 LETTING ITEM 095

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

**PROPOSED  
HIGHWAY PLANS**

IL 13 (FAP 331) FRONTAGE ROAD  
SECTION (1-3)R-4  
PROJECT ACNHPP-0331(067)  
FRONTAGE ROAD  
WILLIAMSON COUNTY

C-99-026-12

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1-3)R-4	WILLIAMSON	62	1
ILLINOIS			CONTRACT NO. 78298	

FOR INDEX OF SHEETS, SEE SHEET NO. 3

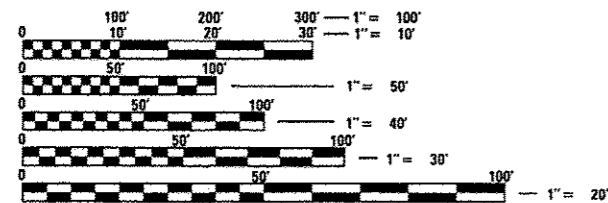
TOWNSHIP  
CARTERVILLE  
T.9S-R2E



PROJECT LOCATION

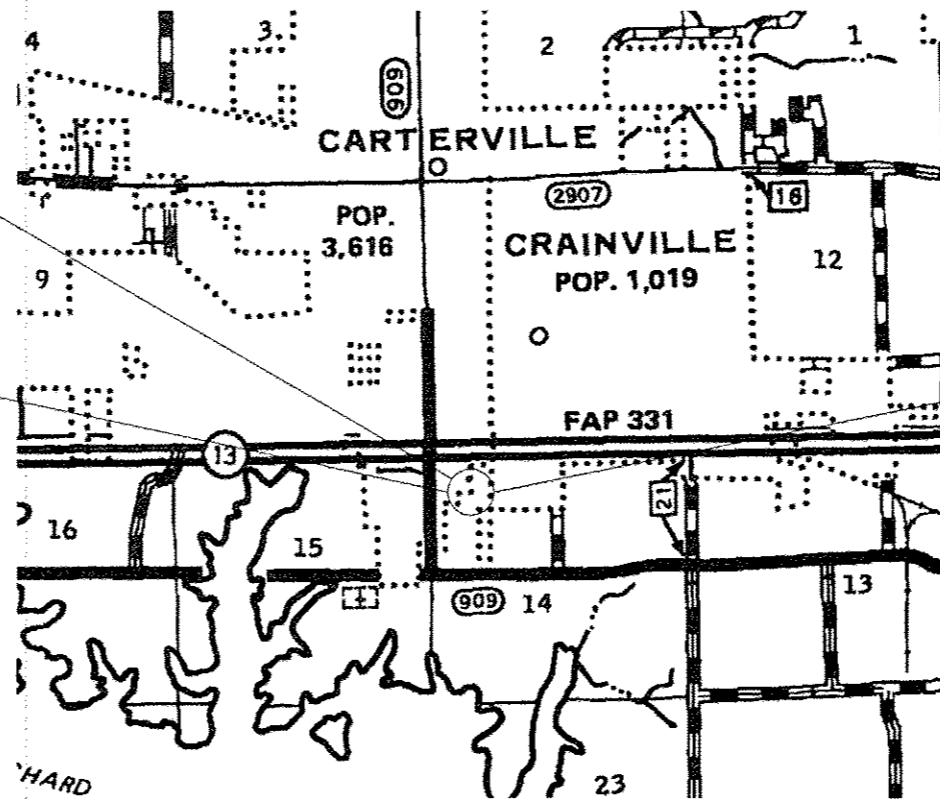
PROPOSED PROJECT BEGINS  
STA 7+05

PROPOSED PROJECT ENDS  
STA 27+06.61



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



PROJECT ENGINEER: JOHN BRANDON (618) 351-5291  
PROJECT MANAGER: CHARLES STEIN (618) 351-5210

GROSS LENGTH = 2001.61 FT. = 0.379 MILE  
NET LENGTH = 2001.61 FT. = 0.379 MILE

CONTRACT NO. 78298

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED May 10 2013

Jeffrey L. Keen  
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

June 28 2013  
John D. Baranowski, P.E.  
ENGINEER OF DESIGN AND ENVIRONMENT

June 28 2013  
Chris Osborn, P.E.  
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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## STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
542006	MULTIPLE CONCRETE END SECTIONS FOR PIPE CULVERTS 15" THRU 84" DIA.
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTIONS
542401-01	METAL END SECTION FOR PIPE CULVERTS
606001-05	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
701306-03	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS >45 MPH
701901-02	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-03	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
729001-01	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGN & MARKERS)
780001-03	TYPICAL PAVEMENT MARKINGS
BLR 21-9	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS

## GENERAL NOTES

- FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:
 

ALL HOT MIX ASPHALT	2.016 TONS/CU YD
ALL AGGREGATE	2.05 TONS/CU YD
BITUMINOUS MATERIALS:	
ON PAVEMENT	0.09 GAL/SQ YD
ON AGGREGATE SURFACE	0.32 GAL/SQ YD
AGGREGATE (PRIME COAT)	0.0015 TONS/SQ YD
RIPRAP	1.50 TONS/CU YD
PROCESSING LIME MODIFIED SOILS:	
LIME	6 1/2 WEIGHT OF EARTH (TON)
EARTH	110 LB/CU FT
- FORMS FOR CONCRETE CURB AND GUTTER SHALL BE OF METAL ONLY, EXCEPT THAT WOOD FORMS MAY BE USED ON SHORT RADIUS CURVES.
- TRIM EDGES OF EXISTING HOT MIX ASPHALT SURFACE FLUSH WITH EXISTING PAVEMENT.
- AT ALL LOCATIONS WHERE THE PROPOSED BITUMINOUS OR CONCRETE PAVEMENT JOINS AN EXISTING BITUMINOUS OR CONCRETE PAVEMENT, A FULL DEPTH SAWED JOINT SHALL BE CONSTRUCTED. THE COST OF THIS JOINT WILL BE INCLUDED IN THE COST OF THE TYPE OF PAVEMENT BEING CONSTRUCTED.
- THE QUANTITY FOR BITUMINOUS MATERIALS PRIME COAT INCLUDED IN THE PLANS IS BASED ON 1 APPLICATION ON AGGREGATE SUBGRADE AND 1 APPLICATION FOR WINTER SHUTDOWN. THE ACTUAL QUANTITY MAY VARY DEPENDENT ON THE CONTRACTOR'S SEQUENCE OF OPERATIONS.
- THE CONTRACTOR SHALL STAMP STATIONING IN THE HOT-MIX ASPHALT SURFACE AT 300 FT. ON ALTERNATING SIDES OF PAVEMENT AND AS DIRECTED BY THE ENGINEER. THE STATION SYMBOL STAMPS USED SHALL BE FURNISHED BY THE CONTRACTOR. THEY SHALL BE 5 1/2" TALL OF A DESIGN APPROVED BY THE ENGINEER, AND SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.
- PRIOR TO PLACEMENT OF THE FINAL PAVEMENT MARKINGS THE RESIDENT ENGINEER SHALL CONTACT THE BUREAU OF OPERATIONS AND ARRANGE FOR INSPECTION AND APPROVAL OF THE PAVEMENT MARKING LAYOUT.
- ALL AGGREGATE SHOWN ON STANDARD 606301 SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE FOR CONCRETE MEDIAN SURFACE, 4 INCH.
- POROUS GRANULAR BACKFILL REQUIRED FOR STORM SEWER SHALL ONLY BE PLACED UP TO ONE FOOT BELOW THE FINAL GRADE IN AREAS HAVING A PROPOSED GRASS OR SOD SURFACE.
- STONE RIPRAP USED IN DITCHES SHALL BE PLACED IMMEDIATELY UPON COMPLETION OF EARTHWORK AND GRADING IN ORDER TO PREVENT EROSION.
- TREES SHALL BE PRESERVED THROUGHOUT THIS SECTION AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER. GENERALLY, TREES OUTSIDE THE CLEAR ZONE, AND WHICH DO NOT INTERFERE WITH CONSTRUCTION, SHALL NOT BE DISTURBED.
- RECLAIMED ASPHALT PAVEMENT (RAP) WILL NOT BE ALLOWED FOR USE IN AGGREGATE SHOULDERS, TYPE B.
- SEEDING SHALL BE DONE ON ALL AREAS THAT ARE DISTURBED BY CONSTRUCTION OPERATIONS AS DIRECTED BY THE ENGINEER. SEEDING SHALL BE PAID FOR ONLY WITHIN THE PROPOSED RIGHT-OF-WAY OR EASEMENT LIMITS. ALL AREAS DISTURBED BY THE CONTRACTOR OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE SEEDED, AS DIRECTED BY THE ENGINEER, AT THE CONTRACTOR'S EXPENSE.

## COMMITMENTS

- THE DEPARTMENT HAS MADE A COMMITMENT WITH PROPERTY OWNER SHIRLEY MAY WATSON. THE DEPARTMENT WILL CONSTRUCT TWO 35' WIDE COMMERCIAL ENTRANCES ON BOTH SIDES OF THE PROPOSED FRONTAGE ROAD AT STATION 10+21.
- TREE CLEARING WILL NOT BE ALLOWED FROM APRIL 1ST TO SEPTEMBER 30TH.

FILE NAME =	USER NAME = brandon.ja	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL NOTES</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
cr:\p-work\work\brandon.ja\d27200377	298-shrte-cvr-eq-index.dgn	DRAWN -	REVISED -			331	(1-31R-4)	WILLIAMSON	62	3	
	PL01 SCALE = 100.0000 / 1"	CHECKED -	REVISED -			CONTRACT NO. 78298					
	PL01 DATE = 5/29/2013	DATE -	REVISED -			SCALE: _____	SHEET NO. ___ OF ___ SHEETS	STA. _____ TO STA. _____	FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT		

MIXTURE REQUIREMENTS SHALL BE PREPARED AS DIRECTED BELOW:

FRONTAGE ROAD AND FULL DEPTH PAVEMENT SURFACE COURSE

LOCATION(S):	HMA SURFACE COURSE - KIRK LN & MAIN ST (SOUTH), INC. HMA
MIXTURE USE(S):	HOT-MIX ASPHALT SURFACE COURSE, MIX C, N90
AC/PG:	PG64-22
ABR % (MAX):	SEE SPECIAL PROVISIONS
DESIGN AIR VOIDS:	4.0%, 90 GYRATION DESIGN
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-9.5MM
FRICTION AGGREGATE:	C SURFACE

FRONTAGE ROAD BINDER

LOCATION(S):	HOT-MIX ASPHALT BINDER COURSE - KIRK LN
MIXTURE USE(S):	HOT-MIX ASPHALT BINDER COURSE, N90, IL-19.0, FINE-GRADED
AC/PG:	PG64-22
ABR % (MAX):	SEE SPECIAL PROVISIONS
DESIGN AIR VOIDS:	4.0%, 90 GYRATION DESIGN
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-19.0 FINE-GRADED
FRICTION AGGREGATE:	NONE

FULL DEPTH PAVEMENT BINDER

LOCATION(S):	HOT-MIX ASPHALT BINDER COURSE (LOWER LIFTS) MAIN ST S.
MIXTURE USE(S):	HOT-MIX ASPHALT BINDER COURSE, N90, IL-19.0
AC/PG:	PG64-22
RAP % (MAX):	SEE SPECIAL PROVISIONS
DESIGN AIR VOIDS:	4.0%, 90 GYRATION DESIGN
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 19.0
FRICTION AGGREGATE:	NONE

HMA SHOULDER MIX

LOCATION(S):	HMA SHOULDERS - KIRK LN & MAIN ST (SOUTH)
MIXTURE USE(S):	HMA SHOULDERS, N30
AC/PG:	PG58-22
RAP % (MAX):	SEE SPECIAL PROVISIONS
DESIGN AIR VOIDS:	2.0%, 30 GYRATION DESIGN
MIXTURE COMPOSITION: (GRADATION MIXTURE)	HMA SHOULDER
FRICTION AGGREGATE:	NONE

# SUMMARY OF QUANTITIES

COUNTY	WILLIAMSON
FUNDING	80% FEDERAL 20% STATE FRONTAGE ROAD

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE
				0001
				RURAL
20100500	TREE REMOVAL, ACRES	ACRE	3.5	3.5
20200100	EARTH EXCAVATION	CU YD	8,002	8,002
20400100	BORROW EXCAVATION	CU YD	1,339	1,339
20900110	POROUS GRANULAR BACKFILL	CU YD	465	465
* 25000200	SEEDING, CLASS 2	ACRE	2.7	2.7
* 25000350	SEEDING, CLASS 7	ACRE	4	4
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	401	401
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	242	242
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	242	242
* 25000700	AGRICULTURAL GROUND LIMESTONE	TON	5.4	5.4
* 25100115	MULCH, METHOD 2	ACRE	6.7	6.7
* 25100630	EROSION CONTROL BLANKET	SQ YD	3499	3499
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	1230	1230
28000305	TEMPORARY DITCH CHECKS	FOOT	400	400

\*SPECIALTY ITEM

# SUMMARY OF QUANTITIES - CONT

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				COUNTY	FUNDING
				WILLIAMSON	80% FEDERAL 20% STATE FRONTAGE ROAD
				0001	RURAL
28000400	PERIMETER EROSION BARRIER	FOOT	1030	1030	
28000500	INLET AND PIPE PROTECTION	EACH	5	5	
28100707	STONE DUMPED RIPRAP, CLASS A4	SO YD	220.5	220.5	
<del>28200200</del>	<del>FILTER FABRIC</del>	<del>SO YD</del>	<del>10</del>	<del>10</del>	
<del>28300400</del>	<del>AGGREGATE DITCH</del>	<del>TON</del>	<del>7</del>	<del>7</del>	
31000600	PROCESSING LIME STABILIZED SOIL MIXTURE 12"	SO YD	8,590	8,590	
31001500	LIME	TON	255	255	
31100700	SUBBASE GRANULAR MATERIAL, TYPE A 8"	SO YD	3613	3613	
35100100	AGGREGATE BASE COURSE, TYPE A	TON	56	56	
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	3201	3201	
40603092	HOT-MIX ASPHALT BINDER COURSE, IL-19.0 FG, N90	TON	818	818	
40603320	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N90	TON	489	489	
<del>40701896</del>	<del>HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 10 3/4"</del>	<del>SO YD</del>	<del>314</del>	<del>314</del>	
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	28	28	

# SUMMARY OF QUANTITIES - CONT

	CONSTRUCTION CODE
COUNTY	WILLIAMSON
FUNDING	80% FEDERAL 20% STATE FRONTAGE ROAD
	0001
	RURAL

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	
<del>44000100</del>	<del>PAVEMENT REMOVAL</del>	<del>SQ YD</del>	<del>595</del>	<del>595</del>
<del>44000300</del>	<del>CURB REMOVAL</del>	<del>FOOT</del>	<del>60</del>	<del>60</del>
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	130	130
48203013	HOT-MIX ASPHALT SHOULDERS, 4"	SQ YD	1827	1827
<del>48203040</del>	<del>HOT-MIX ASPHALT SHOULDERS, 10 3/4"</del>	<del>SQ YD</del>	<del>154</del>	<del>154</del>
50105220	PIPE CULVERT REMOVAL	FOOT	43	43
542A0229	PIPE CULVERTS, CLASS A, TYPE 1 24"	FOOT	108	108
542A0241	PIPE CULVERTS, CLASS A, TYPE 1 36"	FOOT	66	66
542A1069	PIPE CULVERTS, CLASS A, TYPE 2 24"	FOOT	66	66
542A1087	PIPE CULVERTS, CLASS A, TYPE 2 42"	FOOT	276	276
542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	123	123
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	6	6
54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	EACH	2	2
54215550	METAL END SECTIONS 15"	EACH	4	4

# SUMMARY OF QUANTITIES - CONT

	CONSTRUCTION CODE
COUNTY	WILLIAMSON
FUNDING	80% FEDERAL 20% STATE FRONTAGE ROAD
	0001
	RURAL

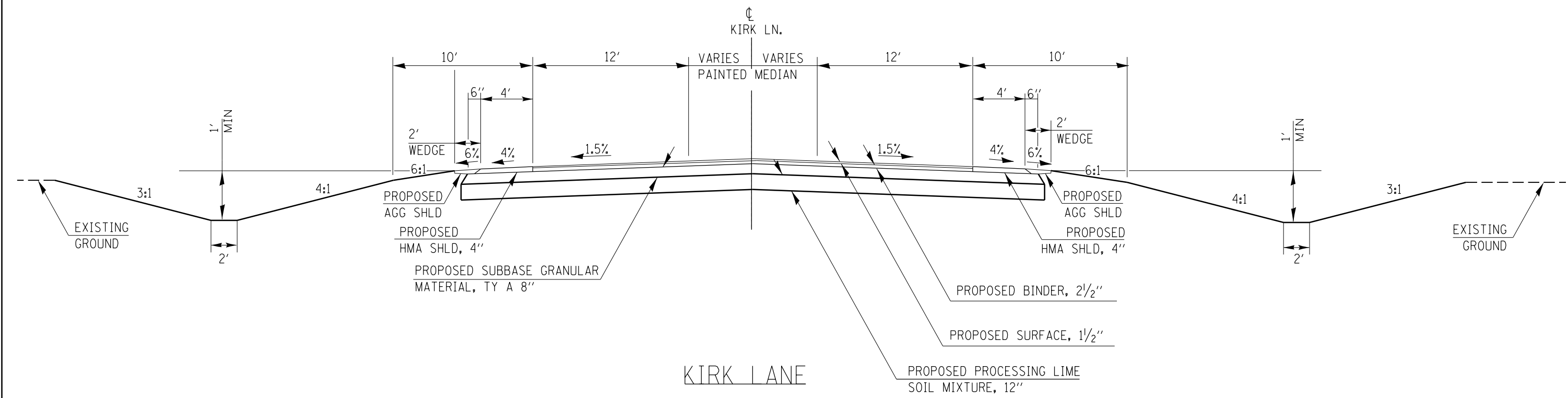
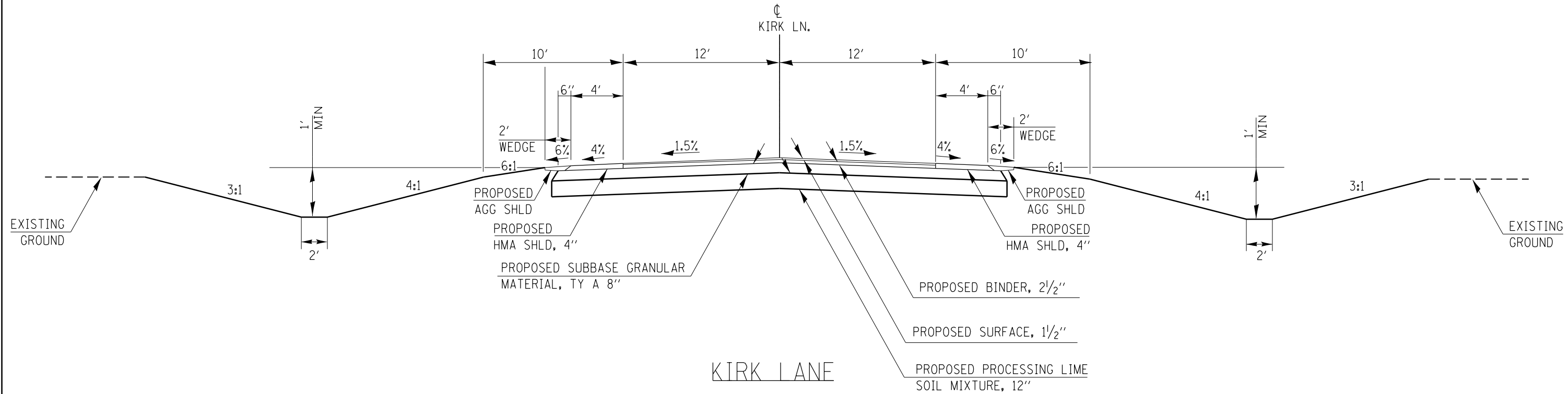
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54262242	CONCRETE END SECTION, STANDARD 542006, 42", 1:2	EACH	6	6
<del>60600095</del>	<del>CLASS 51 CONCRETE (OUTLET)</del>	<del>CU YD</del>	<del style="text-align: center;">3.8</del>	<del style="text-align: center;">3.8</del>
<del>60602800</del>	<del>CONCRETE GUTTER, TYPE B</del>	<del>FOOT</del>	<del style="text-align: center;">56.5</del>	<del style="text-align: center;">56.5</del>
60610400	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24	FOOT	561.5	561.5
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SO FT	2505	2505
66600105	FURNISHING AND ERECTING RIGHT OF WAY MARKERS	EACH	32	32
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	4	4
67100100	MOBILIZATION	L SUM	1	1
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	495	495
<del>70300210</del>	<del>TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS</del>	<del>SO FT</del>	<del style="text-align: center;">156</del>	<del style="text-align: center;">156</del>
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	5,030	5,030
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	147	147
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	28	28



# SUMMARY OF QUANTITIES - CONT

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				COUNTY	FUNDING
				WILLIAMSON	80% FEDERAL 20% STATE FRONTAGE ROAD
				0001	RURAL
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SO FT	2,045	2,045	
72000100	SIGN PANEL - TYPE 1	SO FT	22.5	22.5	
<del>72400310</del>	<del>REMOVE SIGN PANEL - TYPE 1</del>	<del>SO FT</del>	<del>6.25</del>	<del>6.25</del>	
<del>72400720</del>	<del>RELOCATE SIGN PANEL - TYPE 2</del>	<del>SO FT</del>	<del>6.25</del>	<del>6.25</del>	
<del>72900100</del>	<del>METAL POST - TYPE A</del>	<del>FOOT</del>	<del>56</del>	<del>56</del>	
72900200	METAL POST - TYPE B	FOOT	54	54	
<del>78000100</del>	<del>THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS</del>	<del>SO FT</del>	<del>156</del>	<del>156</del>	
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	5,030	5,030	
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	147	147	
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	28	28	
X7011830	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	EACH	2	2	
20013798	CONSTRUCTION LAYOUT	L SUM	1	1	

\*SPECIALTY ITEM



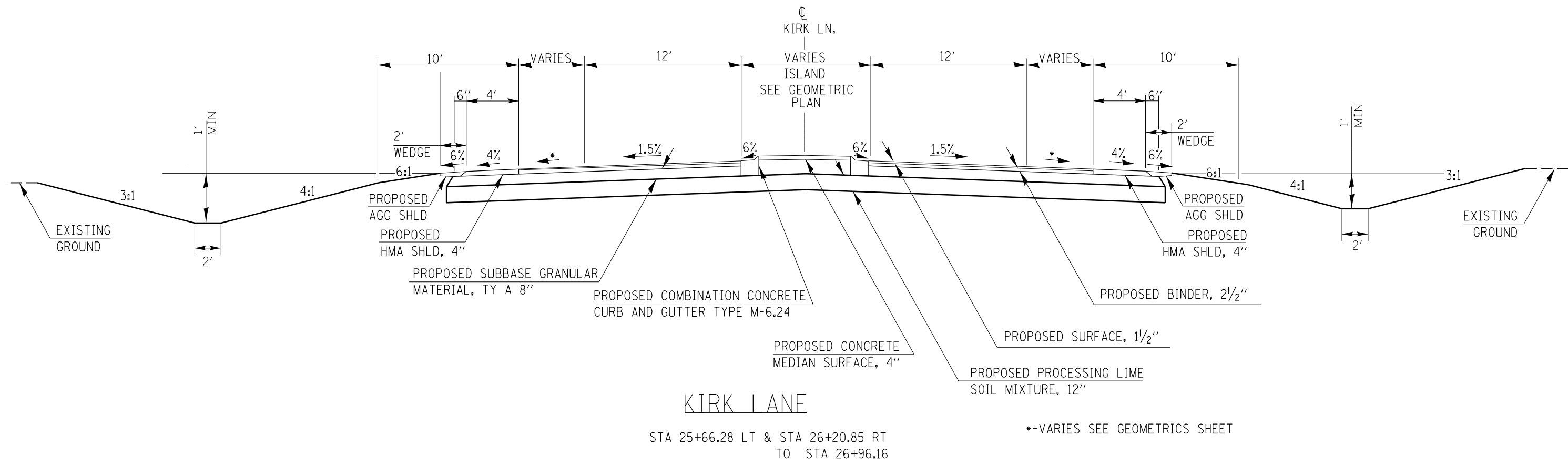
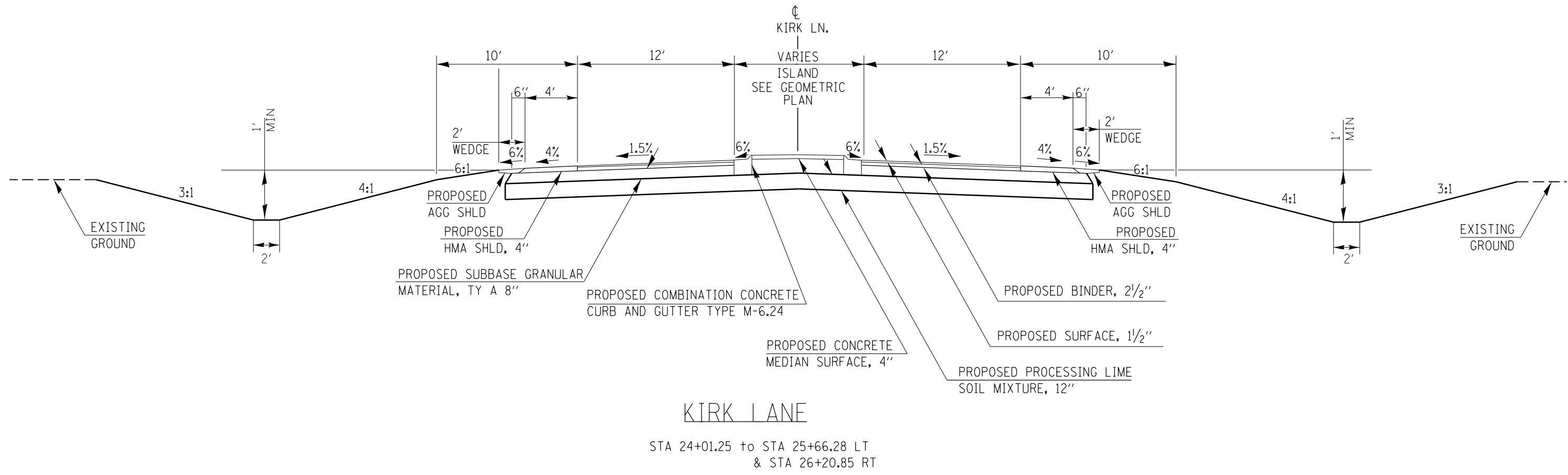
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		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS  
KIRK LN**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1-3)R-4	WILLIAMSON	62	10
CONTRACT NO. 78298				
ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTIONS KIRK LN</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -			331	(1-3)R-4	WILLIAMSON	62	11	
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	PLOT DATE = 5/10/2013	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

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FILE NAME =	USER NAME = brandonja	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTIONS MAIN ST SOUTH</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 100.0000' / in.		CHECKED -	REVISED -		SCALE:      SHEET 3    OF 4    SHEETS    STA.      TO STA.			CONTRACT NO. 78298				
PLOT DATE = 5/29/2013		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

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		DRAWN -	REVISED -					331	(1-3)R-4	WILLIAMSON	62	13
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -		SCALE:      SHEET 4    OF 4    SHEETS    STA.      TO STA.			ILLINOIS FED. AID PROJECT				
	PLOT DATE = 5/29/2013	DATE -	REVISED -		<b>CONTRACT NO. 78298</b>							

EARTHWORK SCHEDULE

LOCATION STATION TO STATION	EARTH EXCAVATION	AVERAGE SHRINKAGE FACTOR	EARTH EXCAVATION (ADJUSTED)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) SHORTAGE (-)	BORROW PIT SHRINKAGE FACTOR	BORROW EXCAVATION	REMARKS
	CU YD	%	CU YD	CU YD	CU YD	%	CU YD	
<b>KIRK LN</b>								
7+05 TO 26+75	8002	17.5	6599	7603	-1004	25	1339	
<b>TOTALS</b>	8002						1339	

REMOVAL SCHEDULE

LOCATION STATION TO STATION	PIPE CULVERT REMOVAL	REMARKS
	FOOT	
<b>KIRK LN</b>		
8+07	43	
<b>TOTALS</b>	43	

TREE REMOVAL SCHEDULE

STATION	LT/RT	OFFSET	TREE REMOVAL
<b>KIRK LN</b>		<b>FEET</b>	<b>ACRE</b>
7+05 TO 8+24	LT	0.0 TO 36	0.06
7+05 TO 8+20	RT	0.0 TO 25	0.06
7+70 TO 8+20	RT	25 TO 65	0.04
8+20 TO 9+63	RT	12 TO 37	0.08
12+60 TO 13+18	LT	25 TO 55	0.03
13+43 TO 26+89	CL	0 TO 48	2.98
24+00 TO 26+89	LT	48 TO 88	0.13
26+00 TO 26+89	RT	48 TO 173	0.12
<b>TOTALS</b>			<b>3.5</b>

TEMPORARY DITCH CHECKS SCHEDULE

LOCATION STATION	TEMPORARY DITCH CHECKS	LOCATION STATION	TEMPORARY DITCH CHECKS	LOCATION STATION	TEMPORARY DITCH CHECKS
	FOOT		FOOT		FOOT
<b>KIRK LN LT</b>					
7+50	8	26+00	8	20+10	8
8+50	8			20+70	8
10+00	8	<b>KIRK LN RT</b>		21+30	8
11+50	8			22+50	8
13+50	8	7+50	8	23+25	8
14+80	8	8+30	8	23+50	8
16+00	8	9+60	8	23+75	8
16+75	8	10+90	8	24+00	8
17+75	8	11+20	8	24+25	8
18+50	8	12+50	8	24+50	8
19+50	8	13+80	8	25+70	8
20+50	8	14+50	8	26+00	8
21+50	8	15+30	8	26+30	8
22+50	8	16+10	8		
23+25	8	16+75	8		
23+50	8	17+75	8		
23+75	8	18+30	8		
24+00	8	18+90	8		
24+25	8	19+20	8		
24+50	8	19+50	8		
<b>SUBTOTALS</b>	160		136		104
<b>TOTAL</b>			400		

NOTE: "THE ACTUAL DITCH CHECK LOCATION AND QUANTITY IS TO BE DETERMINED BY THE ENGINEER. THE LOCATIONS PROVIDED IN THE SCHEDULE ARE APPROXIMATE TO ESTABLISH A PLAN QUANTITY"

SEEDING AND EROSION CONTROL SCHEDULE

LOCATION STATION TO STATION	SEEDING CLASS 2	SEEDING CLASS 7	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	AGRICULTURAL GROUND LIMESTONE	MULCH, METHOD 2	EROSION CONTROL BLANKET	TEMP EROSION CONTROL SEEDING	INLET AND PIPE PROTECTION	STONE DUMPED RIPRAP, CLASS A4	PERIMETER EROSION BARRIER	REMARKS
	ACRE	ACRE	POUND	POUND	POUND	TON	ACRE	SQ YD	POUND	EACH	SQ YD	FOOT	
<b>KIRK LN</b>													
7+05 TO 26+75 RT & LT	2.7	4	401	242	242	5.4	6.7	3499	1230				
										1	32		
										1	32		
21+75										1	32		
24+50											42		
26+40											83		
15+50 LT TO 16+50 LT												50	
20+25 LT TO 21+70 LT												145	
21+80 LT TO 22+25 LT												45	
23+75 LT TO 24+25 LT												50	
25+50 LT TO 26+30 LT												80	
12+25 RT TO 12+75 RT												50	
16+00 RT TO 16+30 RT												30	
16+45 RT TO 17+25 RT												80	
19+75 RT TO 21+70 RT												195	
21+80 RT TO 24+54 RT												265	
10+54 RT										1			
10+50 LT										1			
<b>MAIN ST ( SOUTH)</b>													
5+02 RT TO 5+36 RT												40	
<b>TOTALS</b>	<b>2.7</b>	<b>4</b>	<b>401</b>	<b>242</b>	<b>242</b>	<b>5.4</b>	<b>6.7</b>	<b>3499</b>	<b>1230</b>	<b>3</b>	<b>221</b>	<b>1030</b>	

**DRAINAGE SCHEDULE**

LOCATION STATION TO STATION	PRECAST REINFORCED CONCRETE FLARED END SECTION, 24"	PRECAST REINFORCED CONCRETE FLARED END SECTION, 36"	CONCRETE END SECTIONS, STANDARD 542006, 42", 1:2	PIPE CULVERTS, CLASS A, TYPE 1, 24"	PIPE CULVERTS, CLASS A, TYPE 1, 36"	PIPE CULVERTS, CLASS A, TYPE 2, 42"	PIPE CULVERTS, CLASS A, TYPE 2, 24"	COMB. CONCRETE CURB AND GUTTER, TYPE M-6.24	CONCRETE MEDIAN SURFACE, 4"	POROUS GRANULAR BACKFILL	REMARKS
	EACH	EACH	EACH	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT	CU YD	
<b>KIRK LN</b>											
8+00	2			50						34	
16+34	2			58						55	
21+75	2						66			77	
24+50		2			66					77	
26+40			6			276				222	
24+01 TO 26+81								561.5			
24+03 TO 26+79									2505		
<b>TOTALS</b>	<b>6</b>	<b>2</b>	<b>6</b>	<b>108</b>	<b>66</b>	<b>276</b>	<b>66</b>	<b>561.5</b>	<b>2505</b>	<b>465</b>	

**ENTRANCE PIPES**

STATION		PIPE CULVERTS CLASS D TYPE 1, 15"	METAL END SECTIONS	INLET AND PIPE PROTECTION
LT/RT	TYPE	FT	EACH	EACH
10+21 RT	CER	63	2	1
10+21 LT	CEL	60	2	1
	<b>TOTALS</b>	<b>123</b>	<b>4</b>	<b>2</b>

**ENTRANCE SCHEDULE**

STATION	LT/RT	TYPE OF ENTRANCE	PROPOSED WIDTH AT END OF APRON	PROPOSED SURFACE TYPE	MINIMUM RADIUS	PROPOSED AREA*	INCIDENTAL HOT-MIX ASPHALT SURFACING	AGGREGATE BASE COURSE, TYPE A	BITUMINOUS MATERIALS (PRIME COAT)
			FOOT			SQ FT	TON	TON	GALLON
10+21 RT	RT	CE	35	HMA	15	1152.6	15	30	41.0
10+21 LT	RT	CE	35	HMA	15	1012.6	13	26	37.0
		<b>TOTALS</b>					<b>28</b>	<b>56</b>	<b>78</b>

- PROPOSED AREA WILL NOT INCLUDE 4' HOT-MIX ASPHALT SHOULDER PORTION OF ENTRANCE.
- THE FIRST 4' OF SHOULDER WILL BE INCLUDED IN THE QUANTITY OF HOT-MIX ASPHALT SHOULDER, 4"



PAVEMENT AND SHOULDER SCHEDULE

LOCATION STATION TO STATION	HMA SURFACE COURSE, MIX C, N90	HMA BINDER COURSE, IL-19.0, FG, N90	AGGREGATE WEDGE SHOULDER, TY B	HMA SHOULDERS, 4"	SUB-BASE GRANULAR MATERIAL, TYPE A 8"	PROCESSING LIME STABILIZED SOIL MIXTURE 12"	LIME	BITUMINOUS MATERIALS (PRIME COAT)	REMARKS
	TON	EACH	TON	SQ YD	TON	SQ YD	TON	GALLON	
<b>KIRK LN</b>									
7+05 TO 26+96.16	489	818			3613	8590	255	3123	
7+05 LT TO 26+93 LT			64	900.6					
7+05 RT TO 26+88 RT			66	926.4					
<b>TOTALS</b>	<b>489</b>	<b>818</b>	<b>130</b>	<b>1827</b>	<b>3613</b>	<b>8590</b>	<b>255</b>	<b>3123</b>	

THERMOPLASTIC PAVEMENT MARKING SCHEDULE

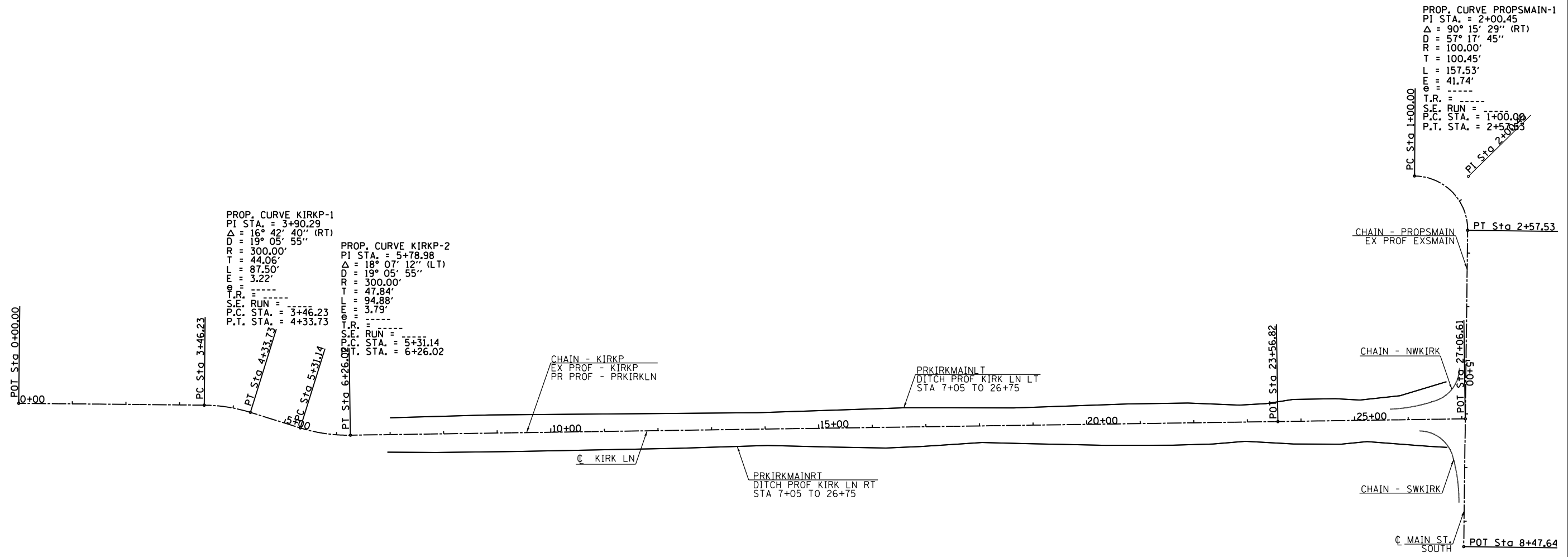
LOCATION STATION TO STATION	THERMOPLASTIC PVMT. MARK. LINE 4"				THERMOPLASTIC PVMT. MARK. - LINE 12"		THERMOPLASTIC PVMT. MARK. - LINE 24"	REMARKS
	WHITE SOLID	YELLOW SOLID	WHITE DASHED	YELLOW DASHED	WHITE SOLID	YELLOW SOLID		
	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	
<b>KIRK LN</b>								
7+05 LT TO 26+97.18 LT	2029							LEFT EOP
7+05 RT TO 26+92.36 RT	2087							RIGHT EOP
7+05 TO 22+45.23				385				SKIP DASH
22+45 LT TO 24+01 LT		312						LT EOP
26+90 LT	133				69			NORTH EOP ISLAND
26+86 RT	84				35			SOUTH EOP ISLAND
22+80 TO 29+99						43		PAINTED MEDIAN
25+01 RT								
26+00 RT								
26+76 RT							18	STOP BAR
26+75 RT							10	STOP BAR
<b>SUB TOTALS</b>	<b>4333</b>	<b>312</b>	<b>0</b>	<b>385</b>	<b>104</b>	<b>43</b>	<b>28</b>	
<b>TOTALS</b>			<b>5030</b>			<b>147</b>	<b>28</b>	

SIGN PANEL SCHEDULE

LOCATION	SIGN DESIG.	SIGN	SIGN PANEL TYPE 1 NEW (SQ FT)	METAL POST - TYPE B (FT)	REMARKS
<b>KIRK LN</b>					
STA 26+66 RT 53'	R1-1	STOP	6.25	13.5	
STA 24+75 LT 21'	R2-1	SPEED LIMIT	5	13.5	
STA 26+76 RT 5'	R1-1	STOP	6.25	13.5	
STA 24+05	R4-7	KEEP RIGHT	5	13.5	
TOTALS			22.5	54.0	

FURNISHING AND ERECTING RIGHT OF WAY MARKERS SCHEDULE

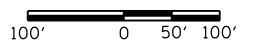
LOCATION STATION	OFFSET	ROW MARKER	OFFSET	OFFSET	ROW MARKER
KIRK LN LT	FOOT	EACH	KIRK LN RT	FOOT	EACH
6+91.02	40	1	6+88.81	45	1
6+91.28	50	1	6+88.94	40	1
10+25	50	1	7+50	45	1
10+25	55	1	7+50	65	1
13+54.38	55	1	8+50	65	1
17+75	55	1	8+50	50	1
17+75	50	1	12+00	50	1
24+00	50	1	12+00	65	1
24+00	65	1	13+00	65	1
26+00	65	1	13+00	55	1
26+60.40	100.25	1	13+51.83	55	1
			15+25	55	1
			15+25	70	1
			17+00	70	1
			17+00	50	1
			21+00	50	1
			21+00	70	1
			25+00	70	1
			25+00	60	1
			26+00	60	1
			26+77.36	176.21	1
SUBTOTALS		11			21
TOTAL			32		



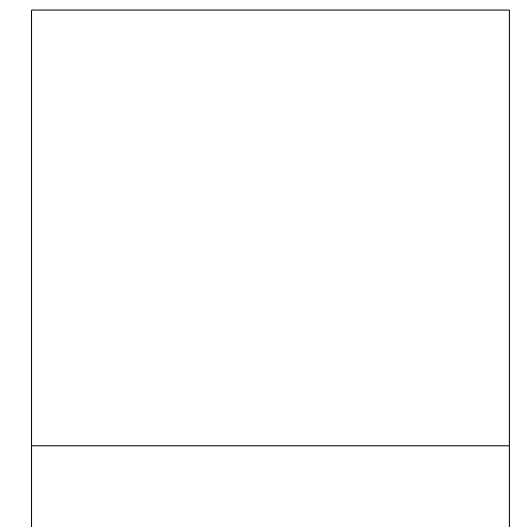
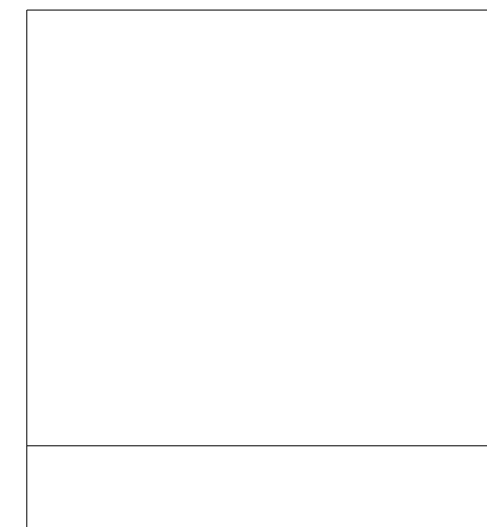
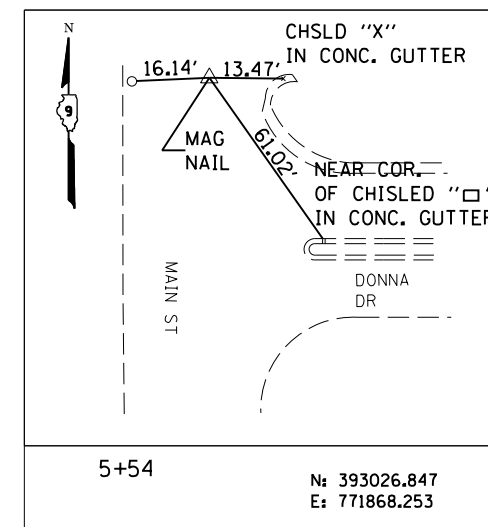
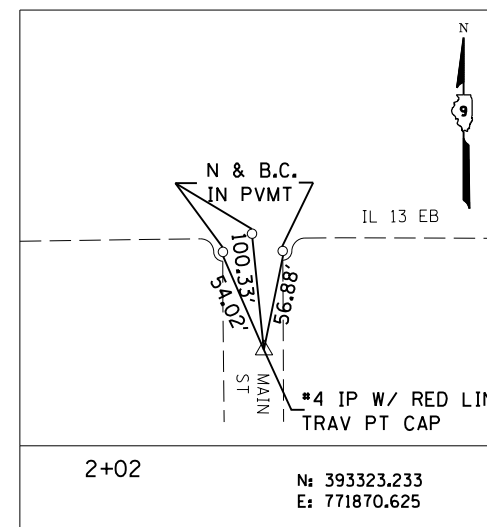
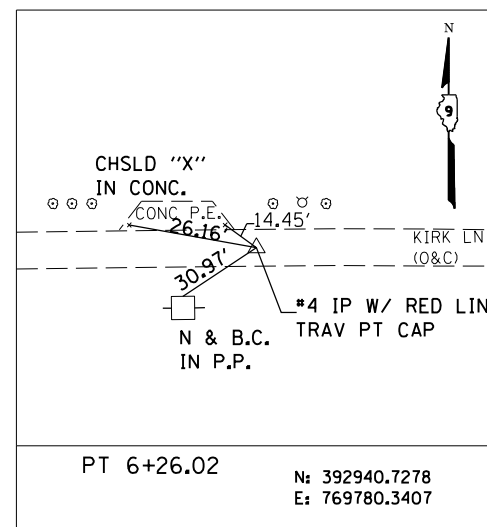
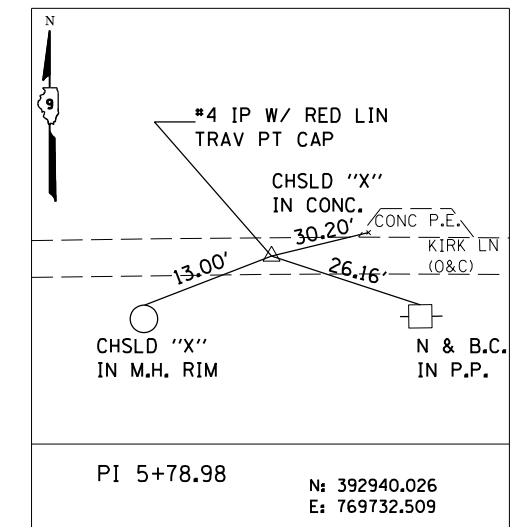
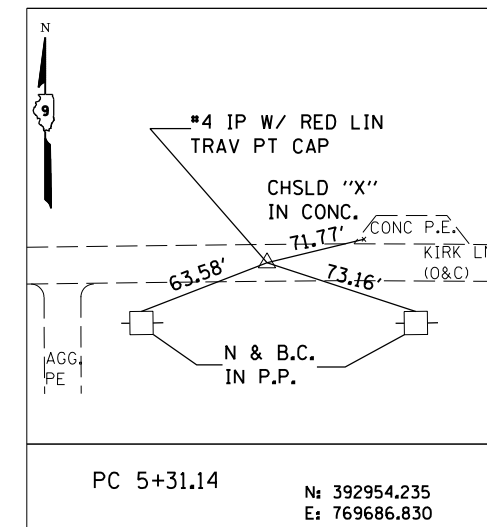
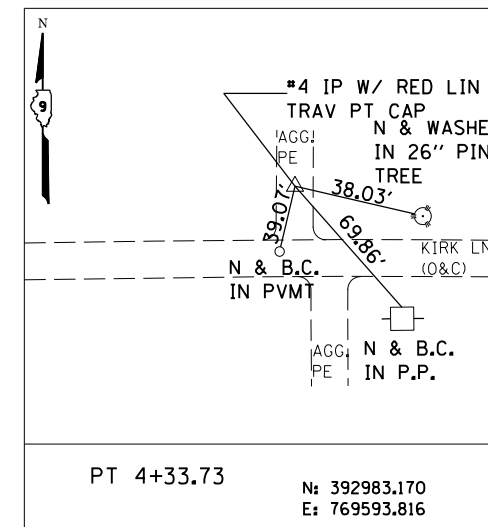
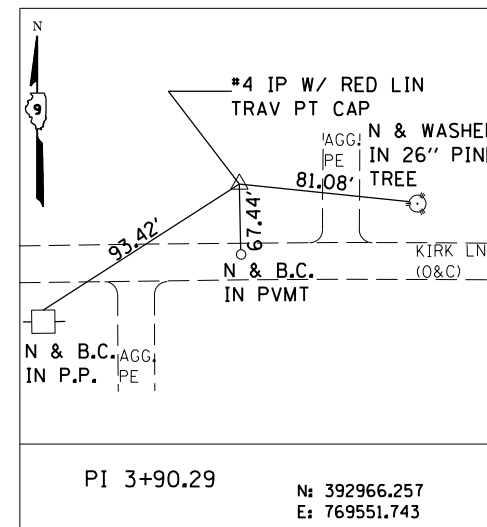
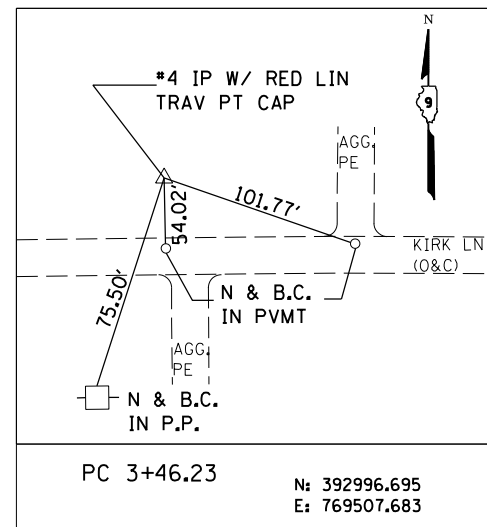
PROP. CURVE KIRKP-1  
 PI STA. = 3+90.29  
 $\Delta$  = 16° 42' 40" (RT)  
 D = 19° 05' 55"  
 R = 300.00'  
 T = 44.06'  
 L = 87.50'  
 E = 3.22'  
 $\theta$  = -----  
 T.R. = -----  
 S.E. RUN = -----  
 P.C. STA. = 3+46.23  
 P.T. STA. = 4+33.73

PROP. CURVE KIRKP-2  
 PI STA. = 5+78.98  
 $\Delta$  = 18° 07' 12" (LT)  
 D = 19° 05' 55"  
 R = 300.00'  
 T = 47.84'  
 L = 94.88'  
 E = 3.79'  
 $\theta$  = -----  
 T.R. = -----  
 S.E. RUN = -----  
 P.C. STA. = 5+31.14  
 P.T. STA. = 6+26.02

PROP. CURVE PROPSMAIN-1  
 PI STA. = 2+00.45  
 $\Delta$  = 90° 15' 29" (RT)  
 D = 57° 17' 45"  
 R = 100.00'  
 T = 100.45'  
 L = 157.53'  
 E = 41.74'  
 $\theta$  = -----  
 T.R. = -----  
 S.E. RUN = -----  
 P.C. STA. = 1+00.00  
 P.T. STA. = 2+57.53



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Default	PLOT SCALE = 200.0000' / in.	CHECKED - DATE -	REVISED - REVISED -					331	(1-3)R-4	WILLIAMSON	62	19
	PLOT DATE = 5/29/2013				SCALE:	SHEET 1	OF 1	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT CONTRACT NO. 78298	



CUT SQUARE ON THE TOP CENTER OF THE NORTH HEADWALL OF AN ACROSS ROAD CULVERT, 57' LEFT OF THE  $\text{C}$  OF RTE 13 WBL @ STA. 488+08

BM 11 ELEV. 443.038

CHISLED \"X\" ON TOP WESTERLY FLANGE BOLT OF FIRE HYDRANT. F.H. IS 50 FEET EAST OF DIVISION STREET CENTERLINE; LOCATED 200 FEET +/- SOUTH OF THE IL 13 EBL CENTERLINE

BM LIN11 ELEV. 435.537

CHISLED \"X\" ON TOP WESTERLY FLANGE BOLT OF FIRE HYDRANT. F.H. IS 35 FEET EAST OF DIVISION STREET CENTERLINE; LOCATED 300 FEET +/- SOUTH OF KIRK LN.

BM LIN12 ELEV. 435.761

CHISLED SQUARE ON TOP CENTER OF CONCRETE CURB BETWEEN EB & WB LANES OF DONNA ROAD. THE BM IS LOCATED EAST OF MAIN STREET CENTERLINE.

BM LIN15 ELEV. 436.471

Note:  
 Horizontal Coordinate Values: Illinois State Plane - East Zone  
 Horizontal Datum: NAD 83 (1997 Adjustment)  
 Referenced Ellipsoid: WGS 1984; Geoid: Geoid96  
 Vertical Datum: NAVD 1988

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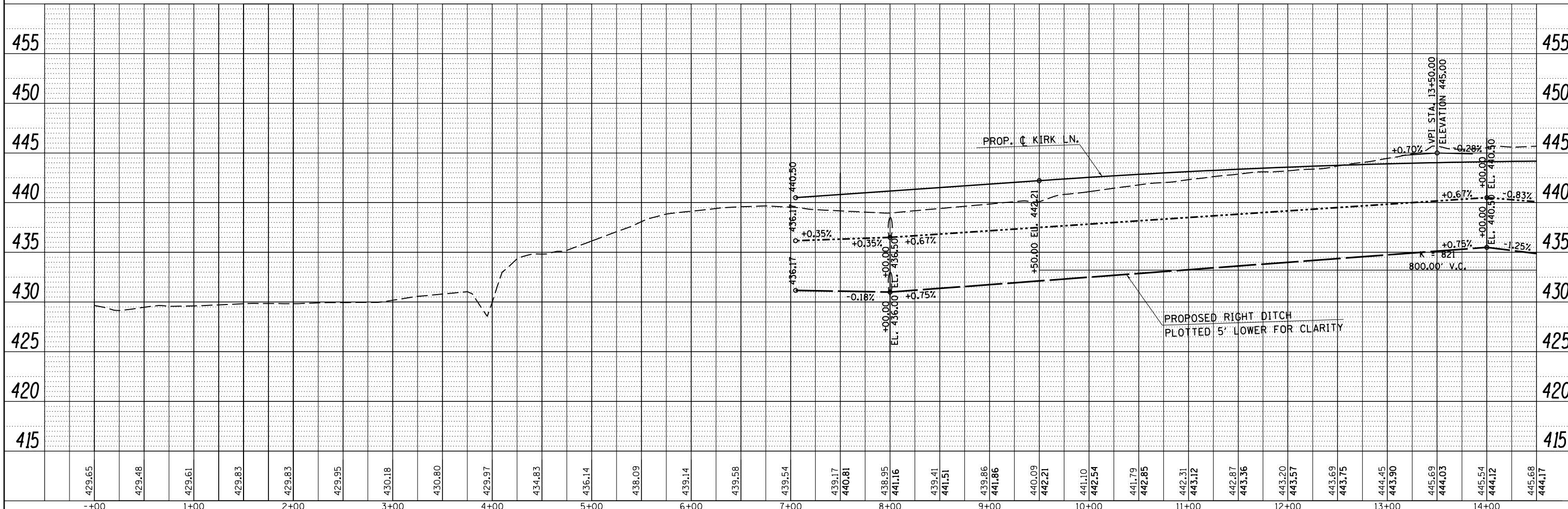
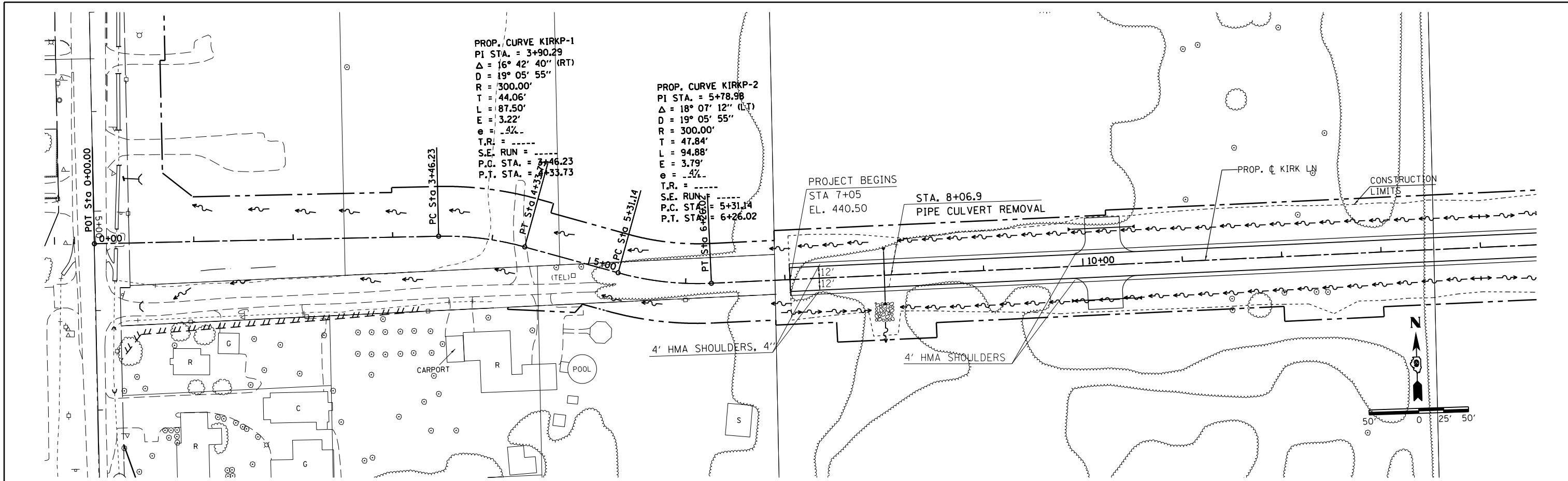
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>HORIZONTAL AND VERTICAL CONTROL; TIES</b>			
SCALE:	SHEET 1	OF 1 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1-3)R-4	WILLIAMSON	62	20
CONTRACT NO. 78298				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	
	CHECKED	
	FILED	
	NO. _____	
	DATE _____	

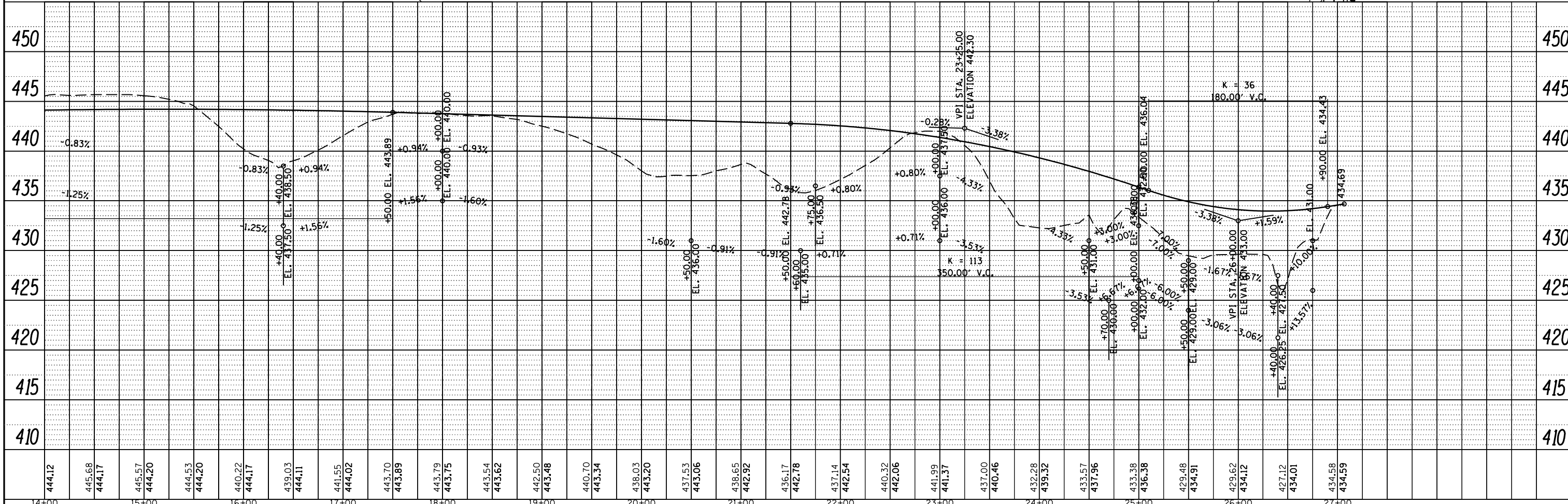
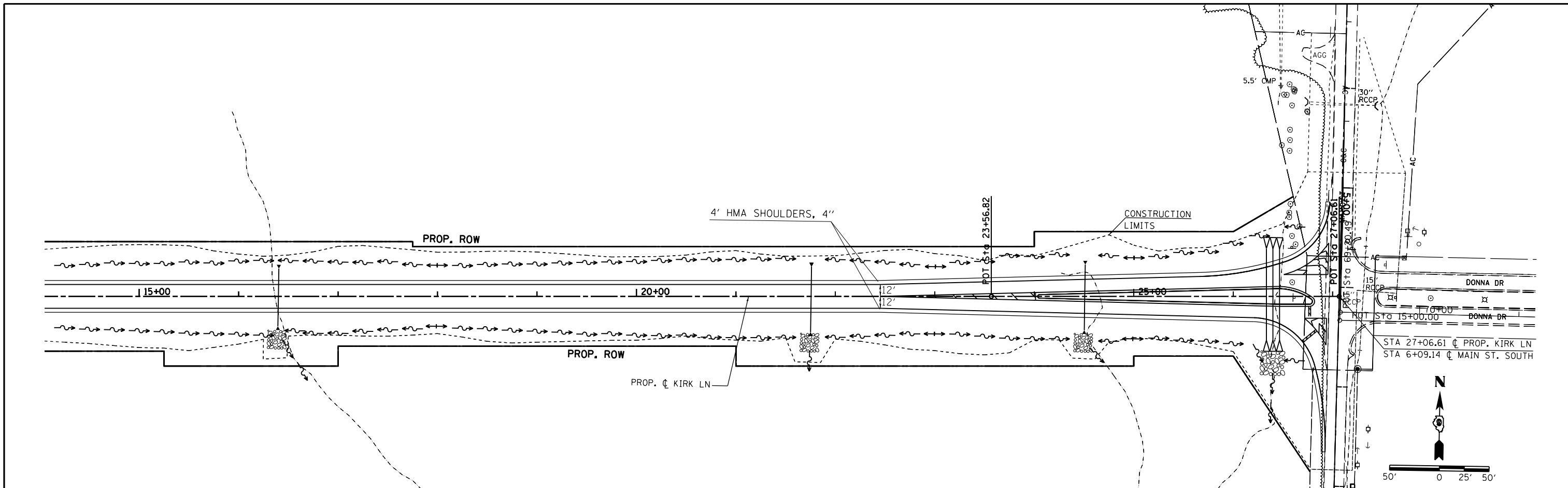
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	GRADES CHECKED	
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	DATE _____	



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PLOT DATE = 5/10/2013		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
SCALE:		SHEET 1 OF 3 SHEETS		STA. TO STA.							

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	
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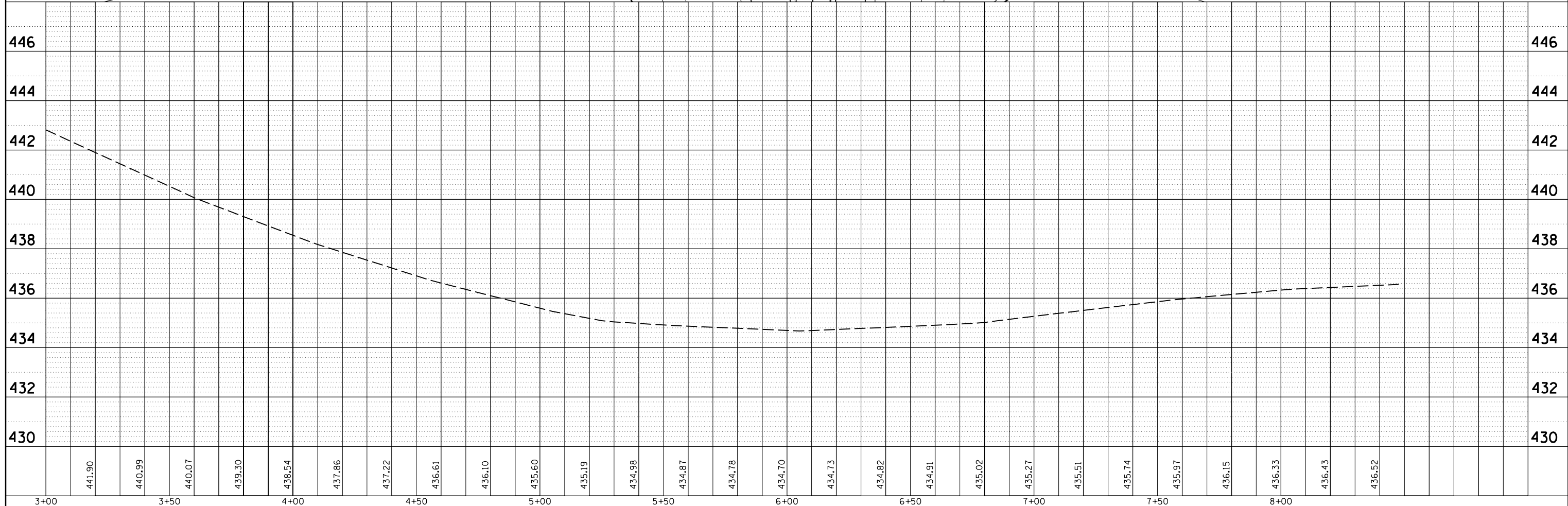
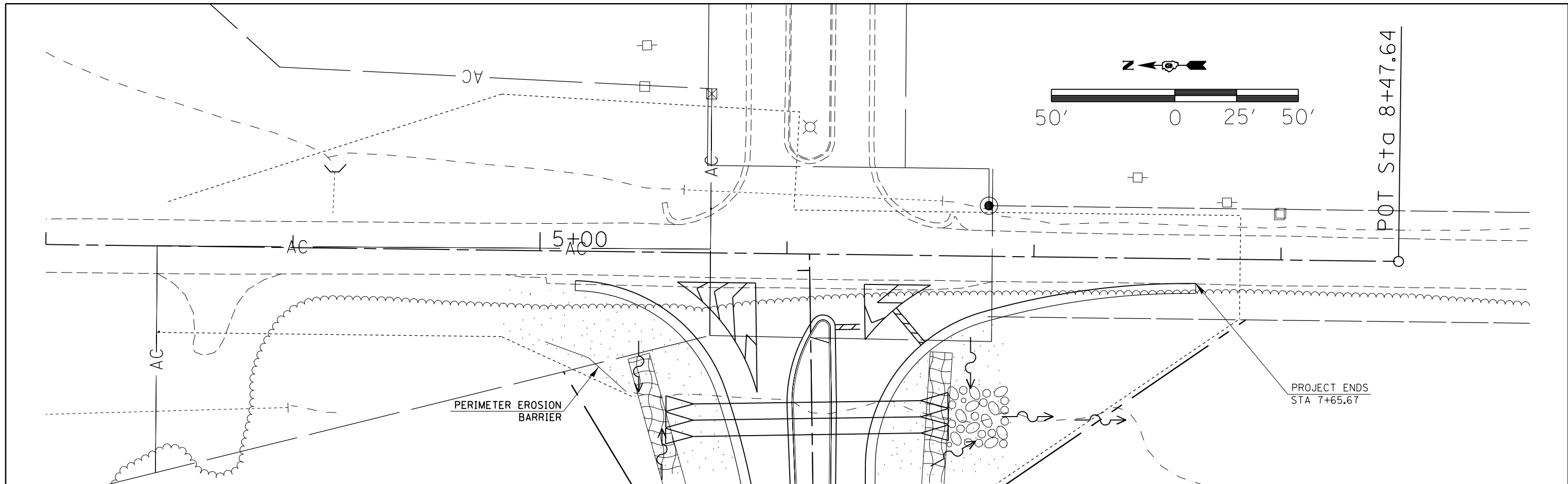
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PLOT DATE = 5/29/2013		DATE -	REVISED -			ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	NOTE BOOK		
	NO.		
	FILE NAME		

PROFILE	SURVEYED	BY	DATE
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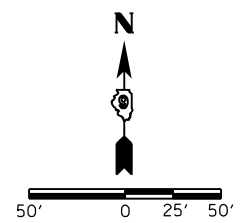
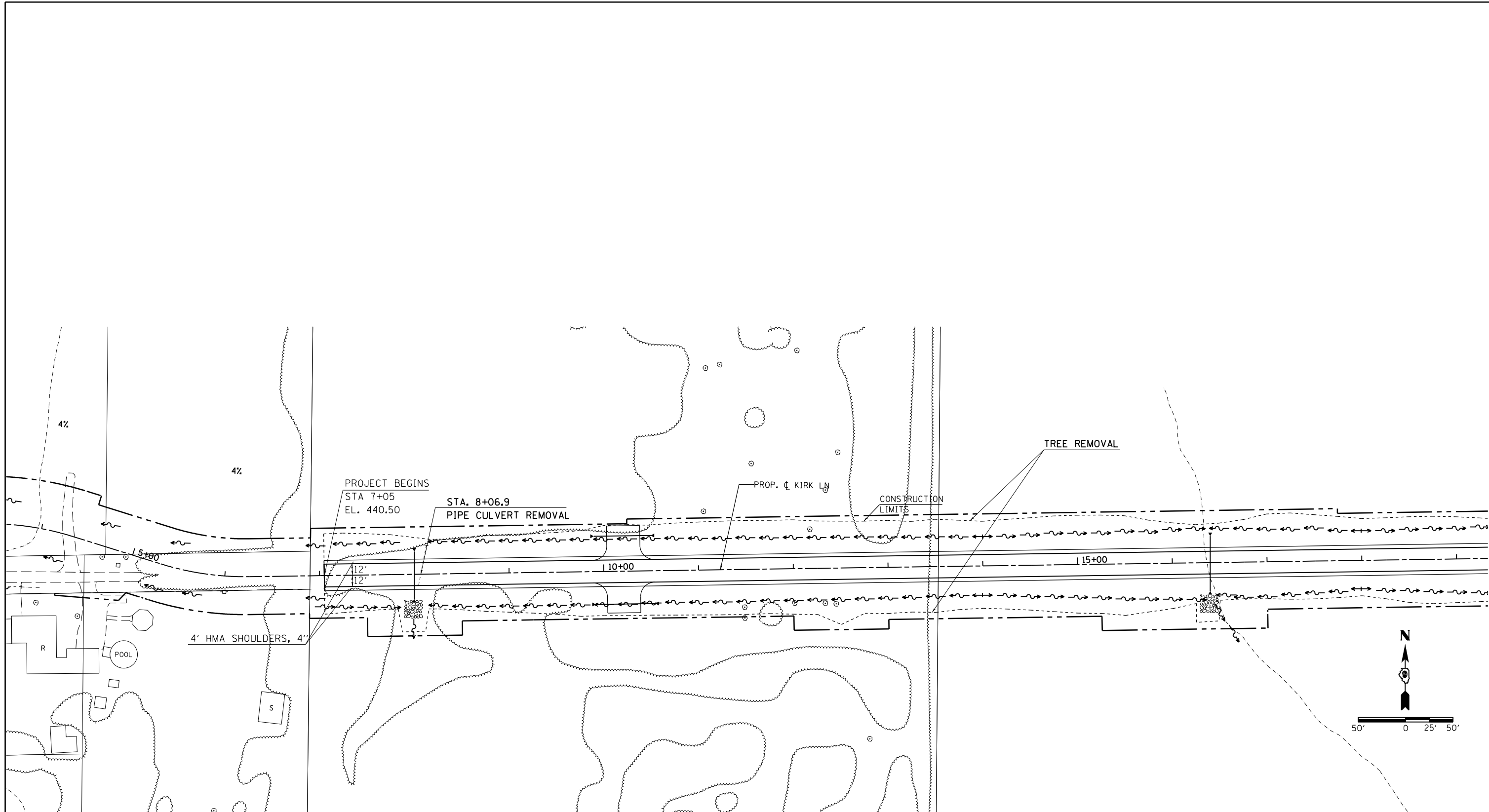
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN - PROFILE ALONG MAIN ST. SOUTH**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1-3)R-4	WILLIAMSON	62	23
CONTRACT NO. 78298				
ILLINOIS FED. AID PROJECT				



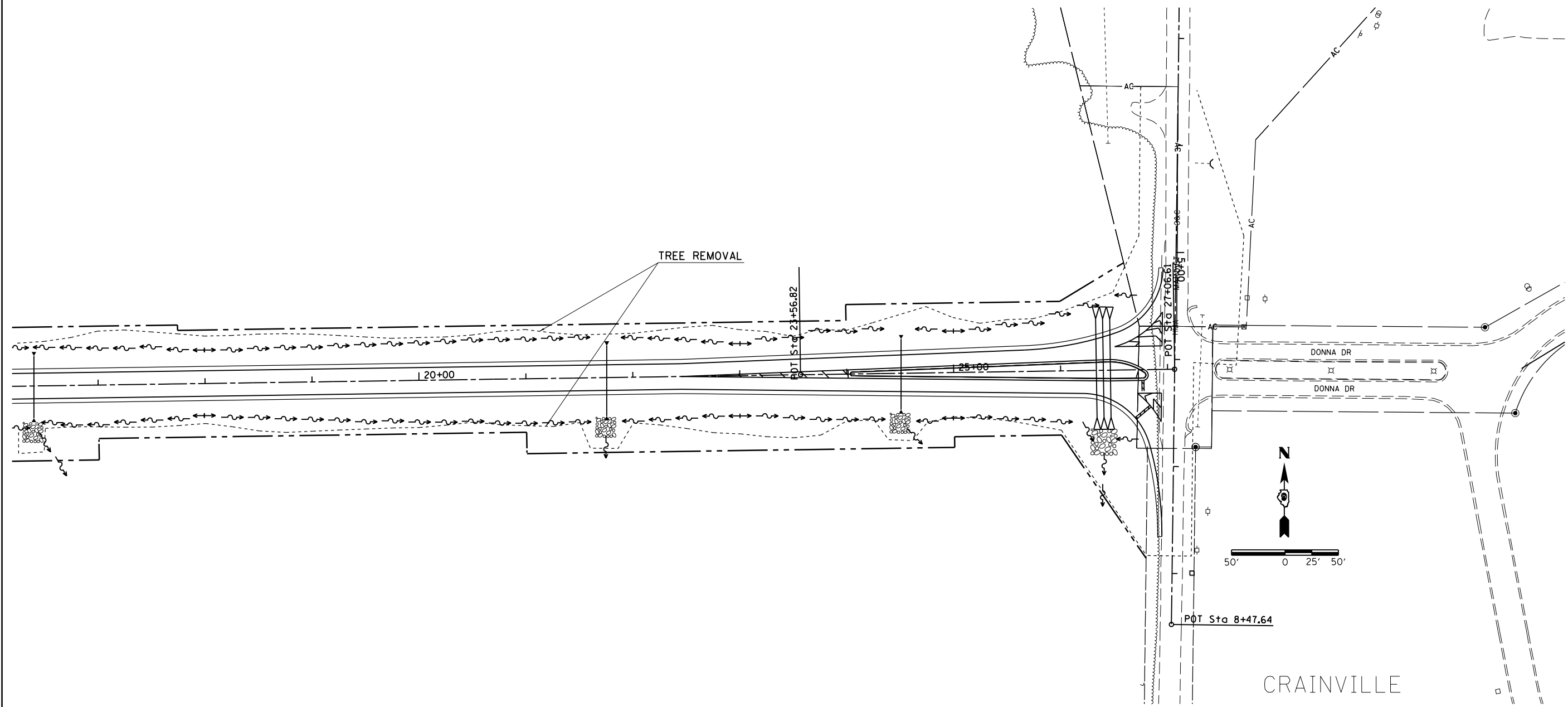
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>REMOVAL SHEET</b>			
SCALE:	SHEET 1	OF 2 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1-3)R-4	WILLIAMSON	62	24
CONTRACT NO. 78298				
ILLINOIS FED. AID PROJECT				



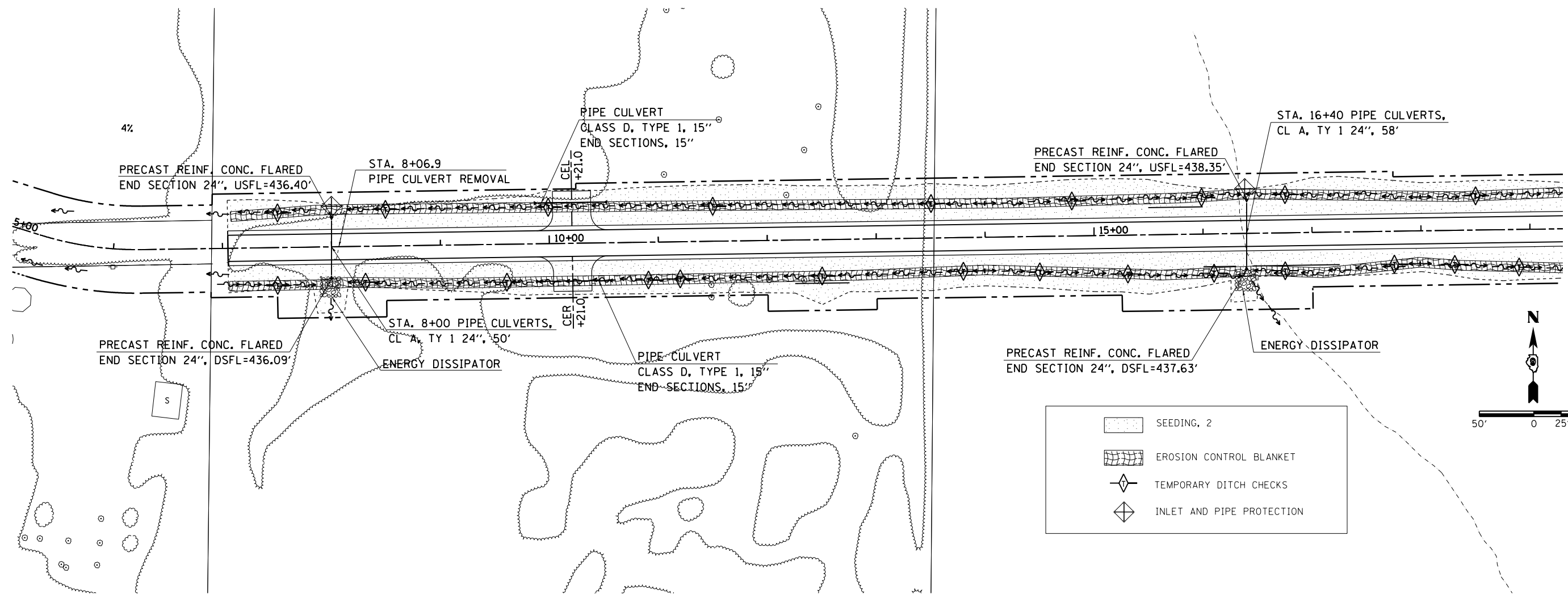


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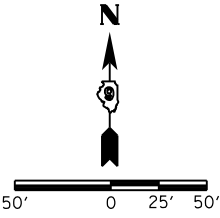
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>REMOVAL SHEET</b>			
SCALE:	SHEET 2	OF 2 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1-3)R-4	WILLIAMSON	62	25
CONTRACT NO. 78298			ILLINOIS FED. AID PROJECT	



	SEEDING, 2
	EROSION CONTROL BLANKET
	TEMPORARY DITCH CHECKS
	INLET AND PIPE PROTECTION

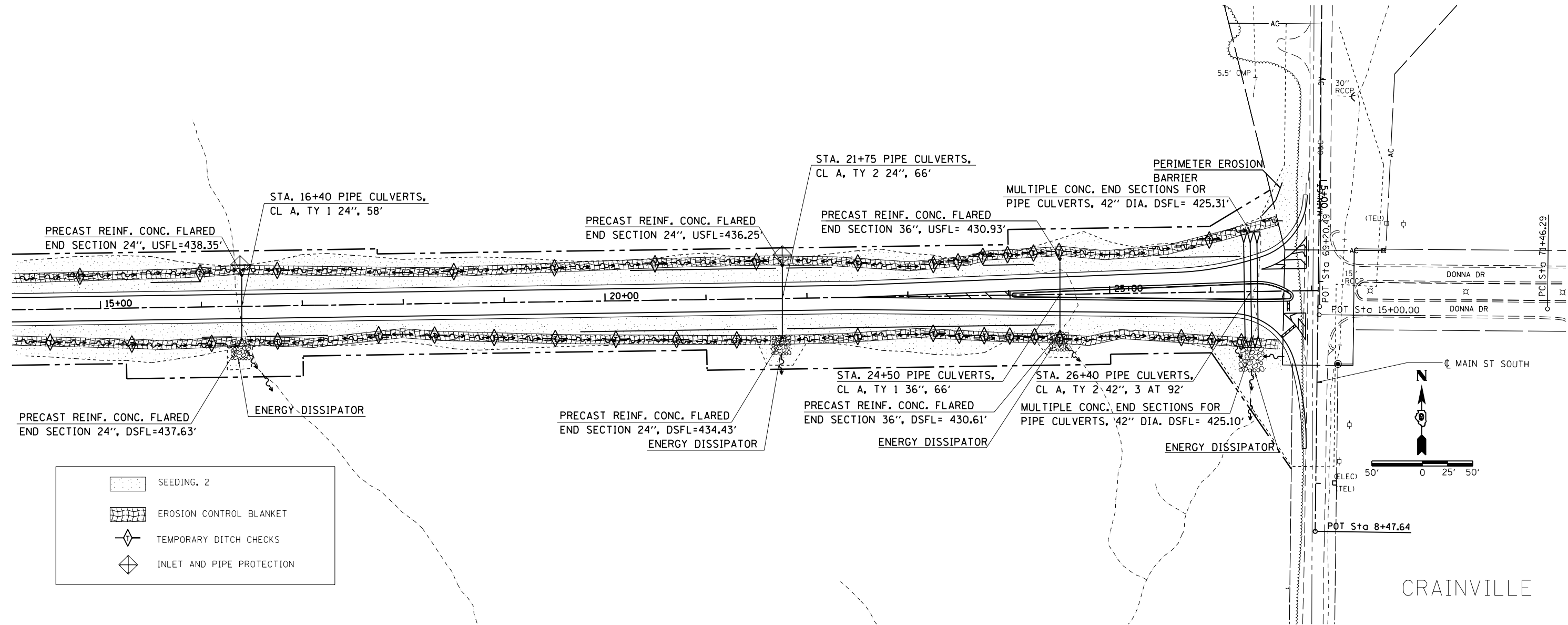


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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PLAN - DRAINAGE/EROSION CONTROL</b>			
SCALE:	SHEET 1	OF 2 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1-3)R-4	WILLIAMSON	62	26
CONTRACT NO. 78298				
ILLINOIS FED. AID PROJECT				



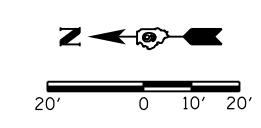
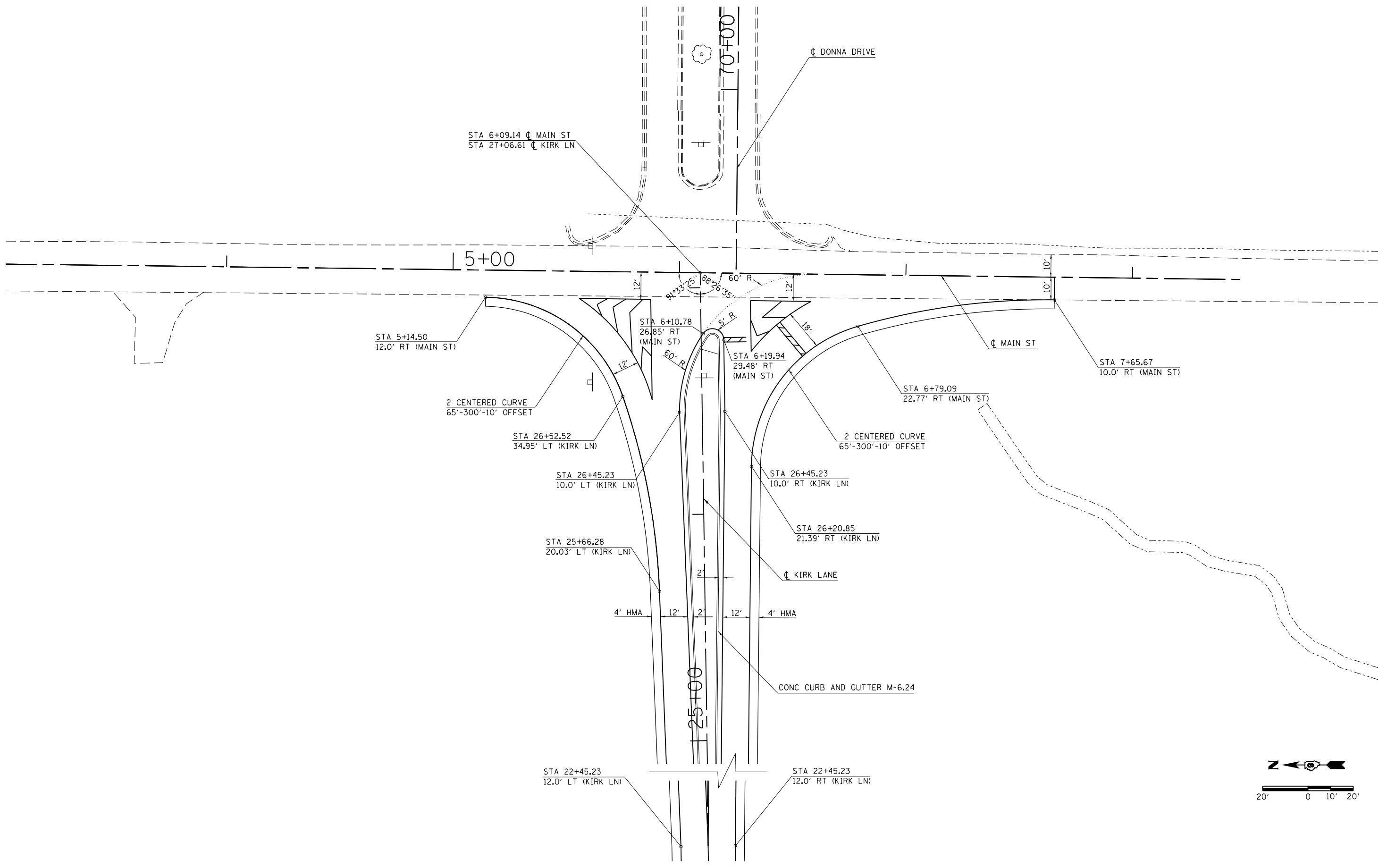
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	PLOT DATE = 5/29/2013	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN - DRAINAGE/EROSION CONTROL**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1-3)R-4	WILLIAMSON	62	27
CONTRACT NO. 78298				
ILLINOIS FED. AID PROJECT				



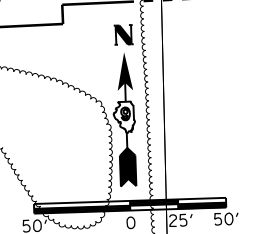
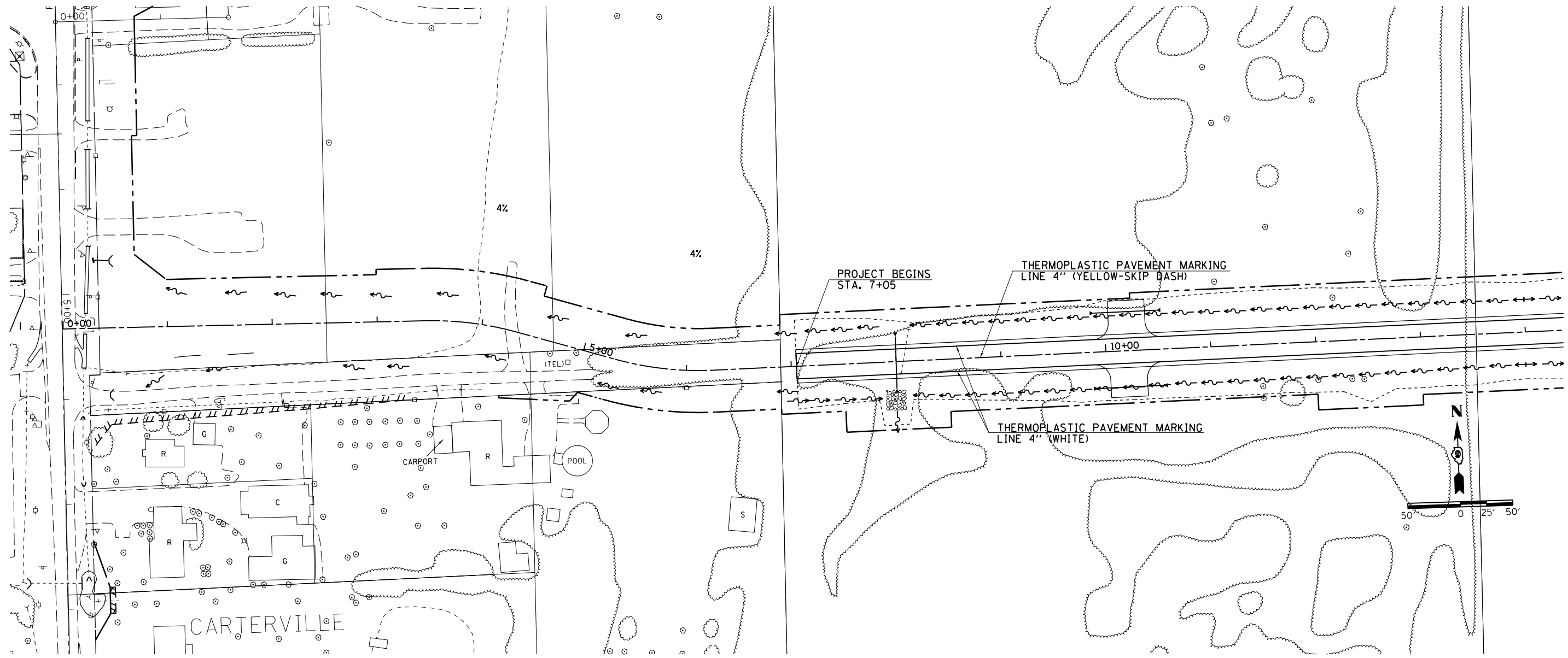
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	PLOT DATE = 5/29/2013	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>GEOMETRICS</b>			
SCALE:	SHEET 1	OF 2 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1-3)R-4	WILLIAMSON	62	28
CONTRACT NO. 78298				
ILLINOIS FED. AID PROJECT				





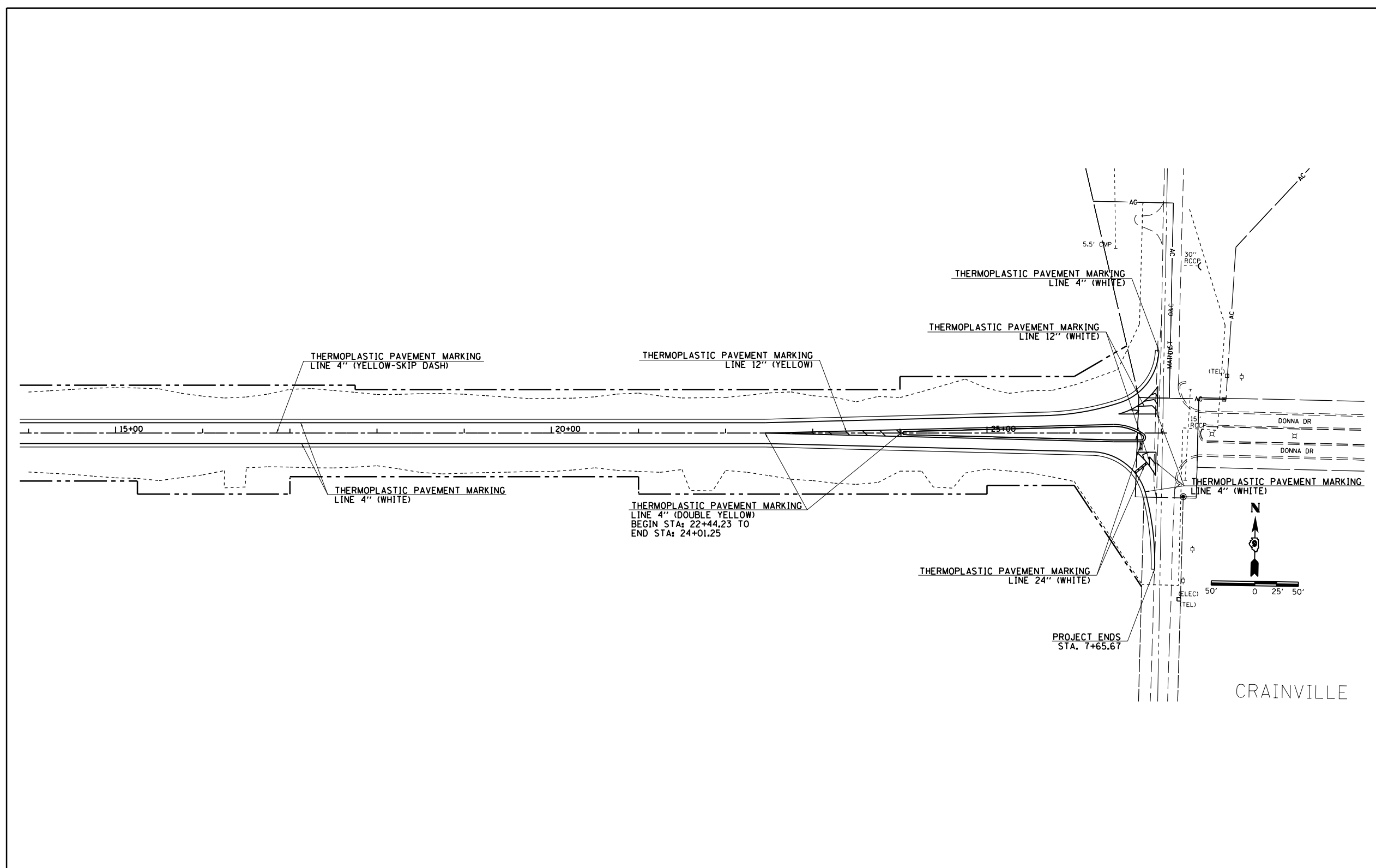
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	PLOT DATE = 5/10/2013	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKINGS  
KIRK LN**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1-3)R-4	WILLIAMSON	62	30
CONTRACT NO. 78298				
ILLINOIS FED. AID PROJECT				



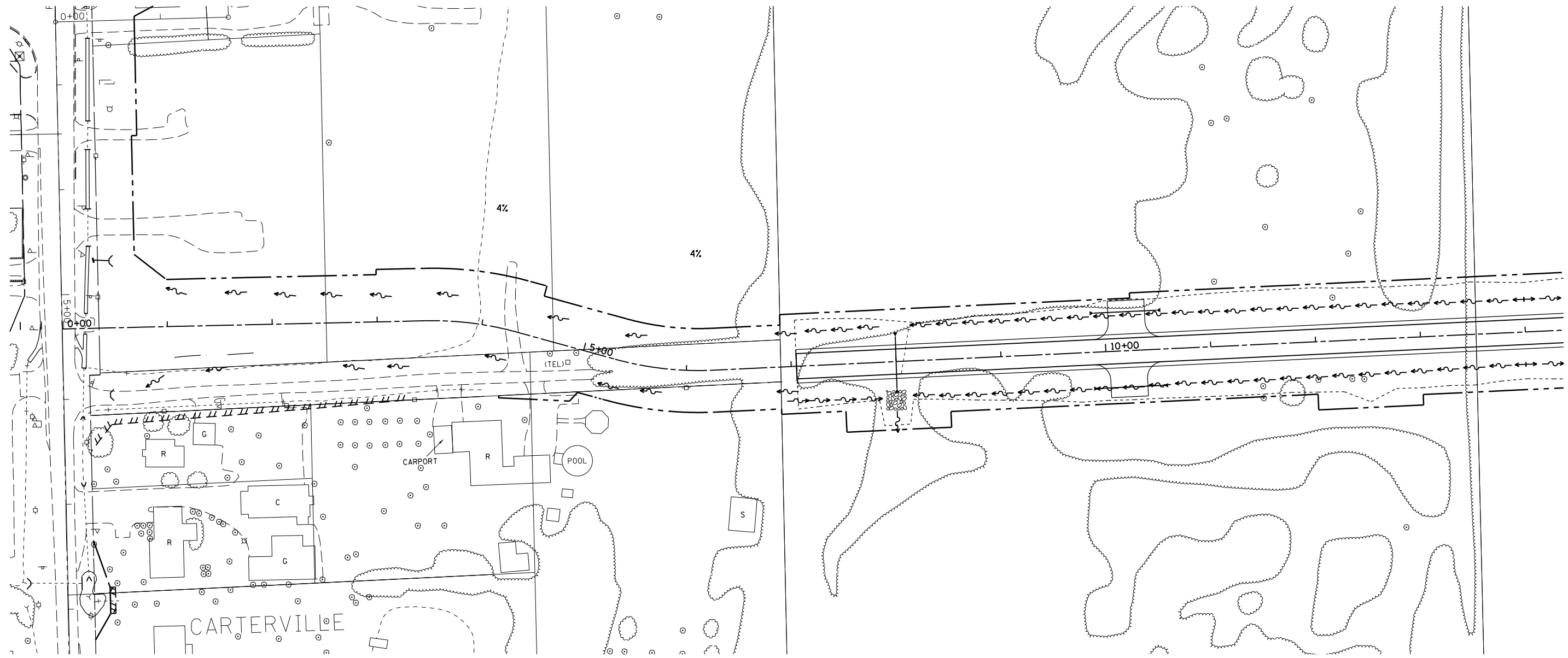
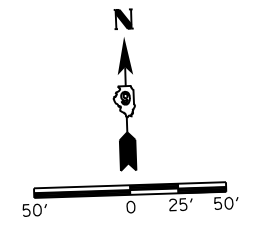
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	PLOT DATE = 5/29/2013	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKINGS  
KIRK LN & MAIN ST SOUTH**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1-3)R-4	WILLIAMSON	62	31
CONTRACT NO. 78298			ILLINOIS FED. AID PROJECT	



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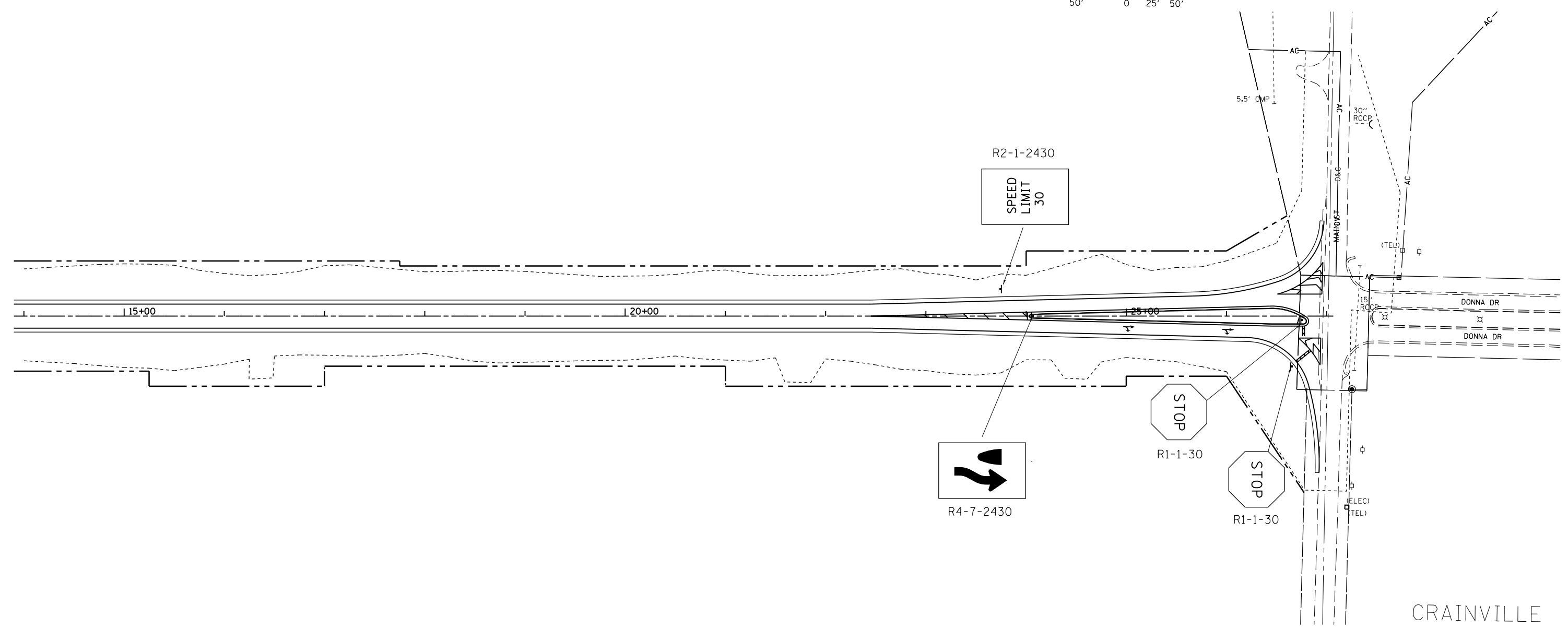
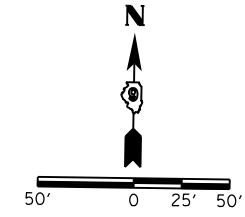
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SIGN LOCATIONS  
KIRK LN**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1-3)R-4	WILLIAMSON	62	32
CONTRACT NO. 78298				
ILLINOIS FED. AID PROJECT				





CRAINVILLE

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	78298-shft1-signdetails.dgn	DRAWN -	REVISED -
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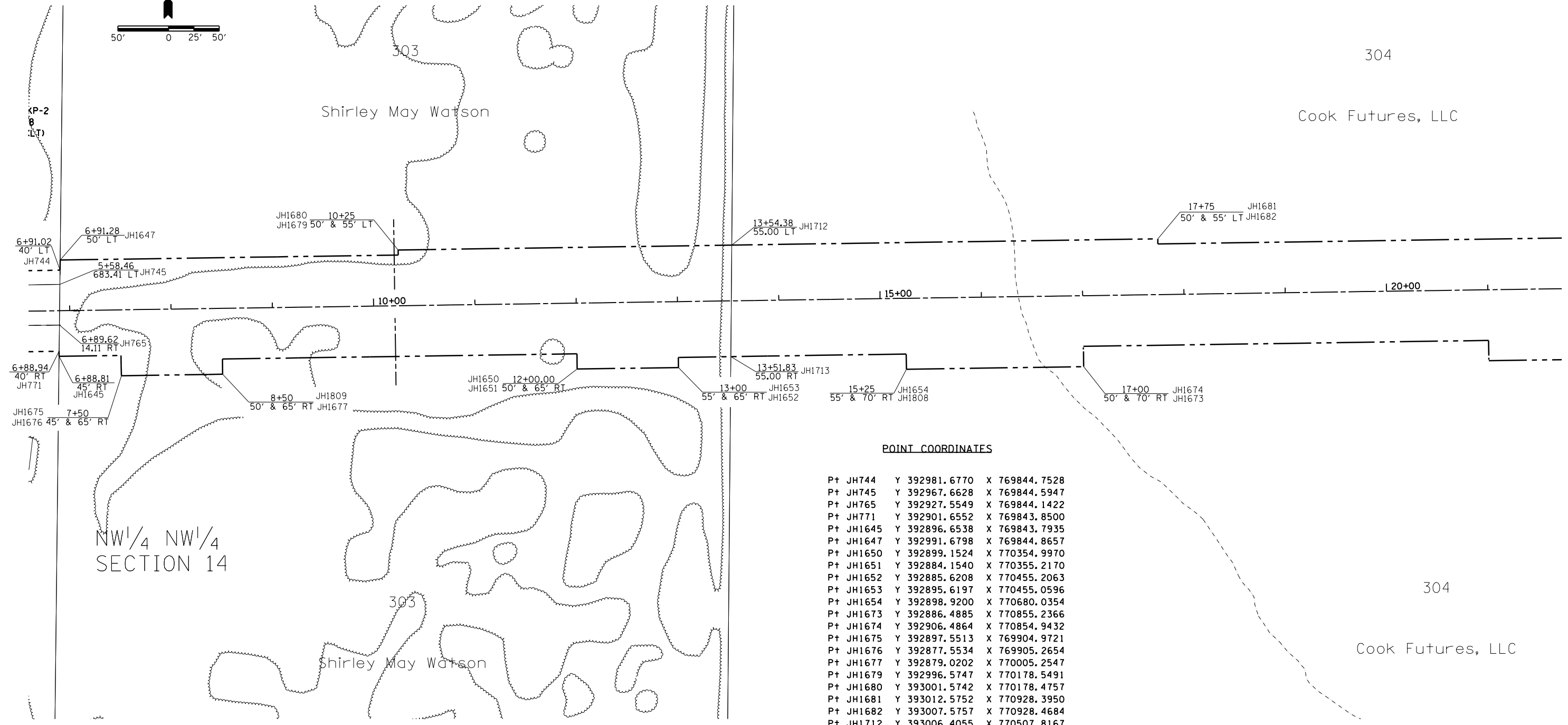
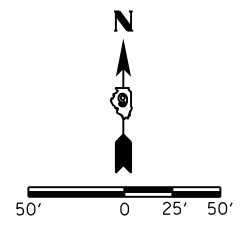
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SIGN LOCATIONS  
KIRK LN MAIN ST SOUTH**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1-3)R-4	WILLIAMSON	62	33
CONTRACT NO. 78298				
ILLINOIS FED. AID PROJECT				

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

PARCEL NO.	PROPERTY OWNER	PURPOSE	ACREAGE
303	SHIRLEY MAY WATSON	ROW	1.628
304	COOK FUTURES, LLC	ROW	3.626

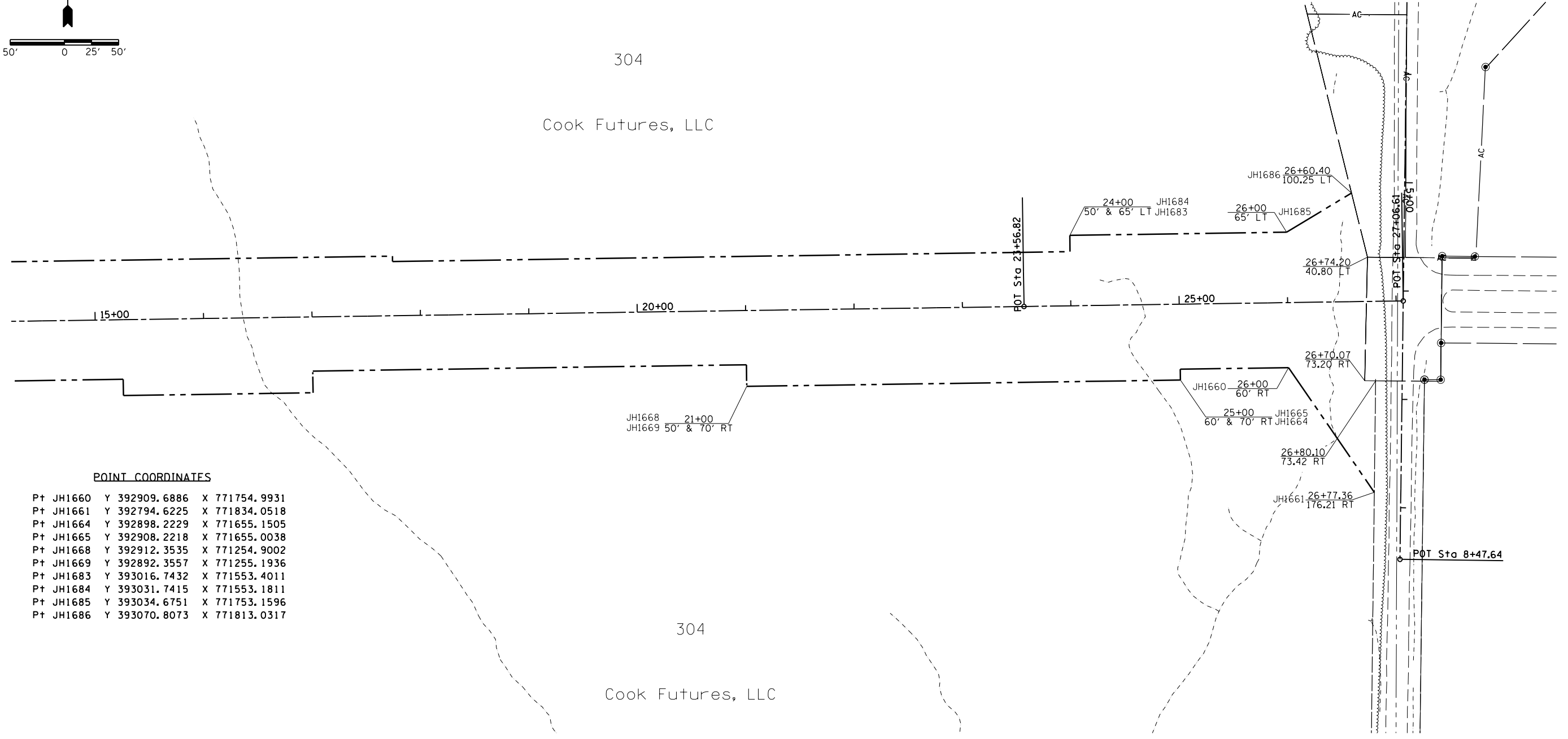
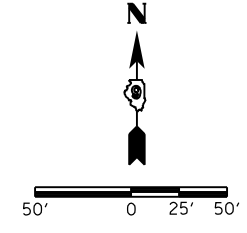


**POINT COORDINATES**

P+	JH744	Y	392981.6770	X	769844.7528
P+	JH745	Y	392967.6628	X	769844.5947
P+	JH765	Y	392927.5549	X	769844.1422
P+	JH771	Y	392901.6552	X	769843.8500
P+	JH1645	Y	392896.6538	X	769843.7935
P+	JH1647	Y	392991.6798	X	769844.8657
P+	JH1650	Y	392899.1524	X	770354.9970
P+	JH1651	Y	392884.1540	X	770355.2170
P+	JH1652	Y	392885.6208	X	770455.2063
P+	JH1653	Y	392895.6197	X	770455.0596
P+	JH1654	Y	392898.9200	X	770680.0354
P+	JH1673	Y	392886.4885	X	770855.2366
P+	JH1674	Y	392906.4864	X	770854.9432
P+	JH1675	Y	392897.5513	X	769904.9721
P+	JH1676	Y	392877.5534	X	769905.2654
P+	JH1677	Y	392879.0202	X	770005.2547
P+	JH1679	Y	392996.5747	X	770178.5491
P+	JH1680	Y	393001.5742	X	770178.4757
P+	JH1681	Y	393012.5752	X	770928.3950
P+	JH1682	Y	393007.5757	X	770928.4684
P+	JH1712	Y	393006.4055	X	770507.8167
P+	JH1713	Y	392896.3800	X	770506.8857
P+	JH1808	Y	392883.9216	X	770680.2554
P+	JH1809	Y	392894.0186	X	770005.0347

FILE NAME =	USER NAME = brandonja	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>RIGHT OF WAY KIRK LN</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	ei:\pw\work\p\dot\brandonja\d0292803\78298-shf-r-ow.dgn	DRAWN -	REVISED -		SCALE:	SHEET 1	OF 2 SHEETS	STA.	TO STA.	331	(1-3)R-4	WILLIAMSON	62 34
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 78298								
	PLOT DATE = 5/29/2013	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

PARCEL NO.	PROPERTY OWNER	PURPOSE	ACREAGE
303	SHIRLEY MAY WATSON	ROW	1.628
304	COOK FUTURES, LLC	ROW	3.626



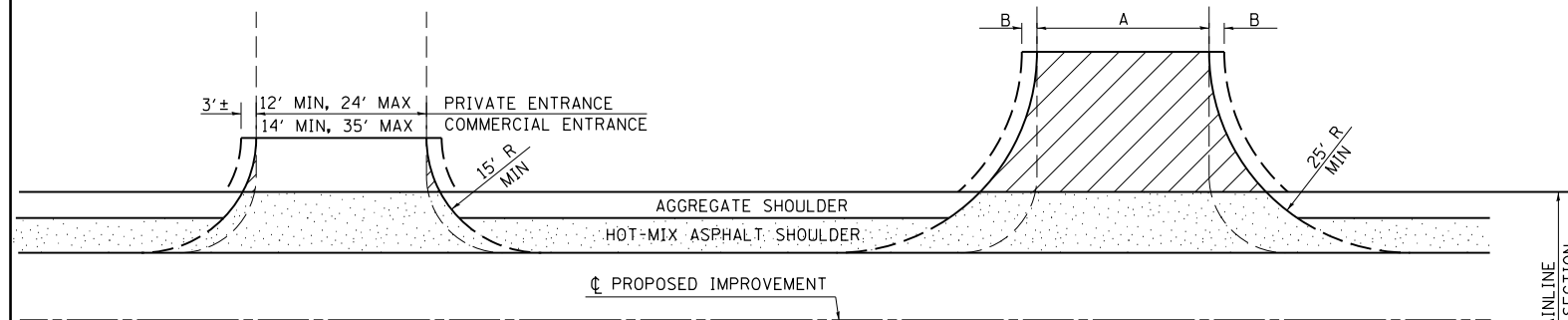
**POINT COORDINATES**

P+	JH1660	Y	392909.6886	X	771754.9931
P+	JH1661	Y	392794.6225	X	771834.0518
P+	JH1664	Y	392898.2229	X	771655.1505
P+	JH1665	Y	392908.2218	X	771655.0038
P+	JH1668	Y	392912.3535	X	771254.9002
P+	JH1669	Y	392892.3557	X	771255.1936
P+	JH1683	Y	393016.7432	X	771553.4011
P+	JH1684	Y	393031.7415	X	771553.1811
P+	JH1685	Y	393034.6751	X	771753.1596
P+	JH1686	Y	393070.8073	X	771813.0317

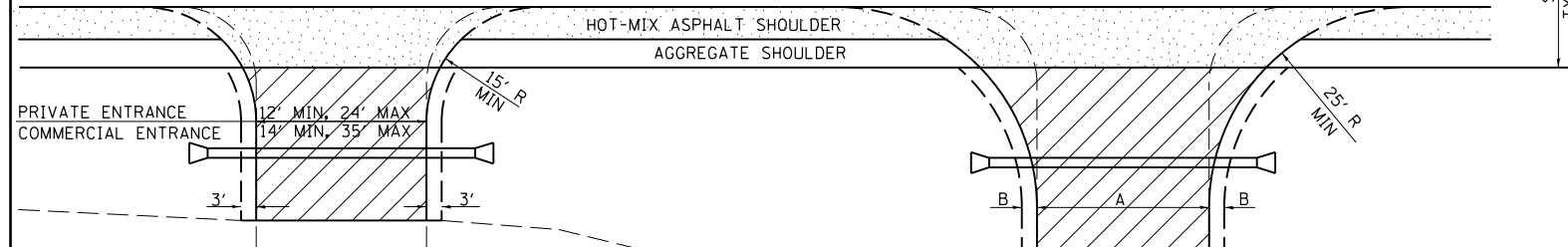
304  
Cook Futures, LLC

# RURAL SIDE APPROACH DETAILS

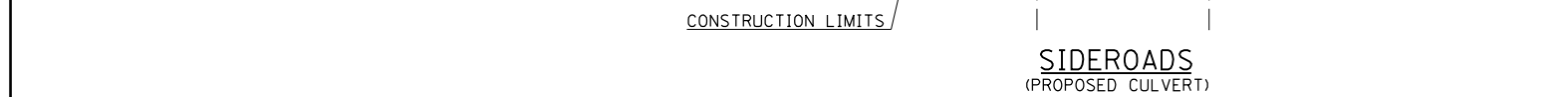
## PRIVATE AND COMMERCIAL ENTRANCES



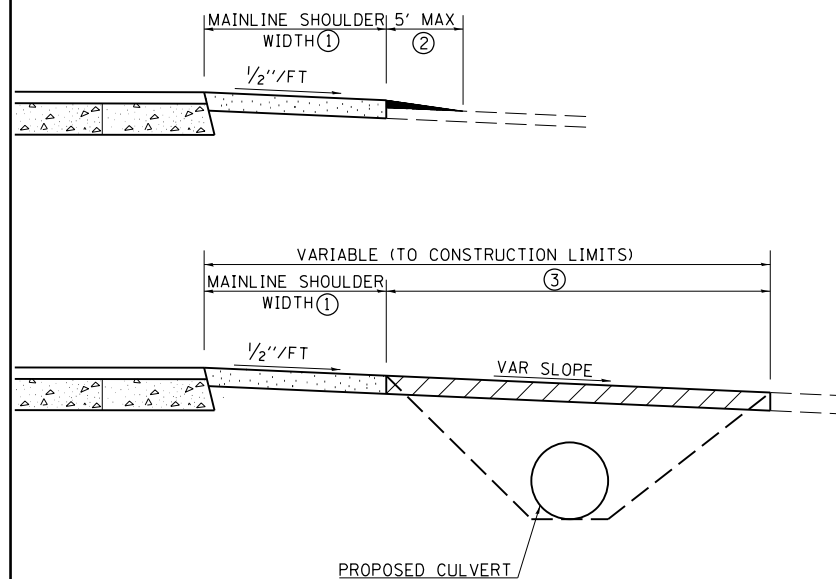
## SIDEROADS



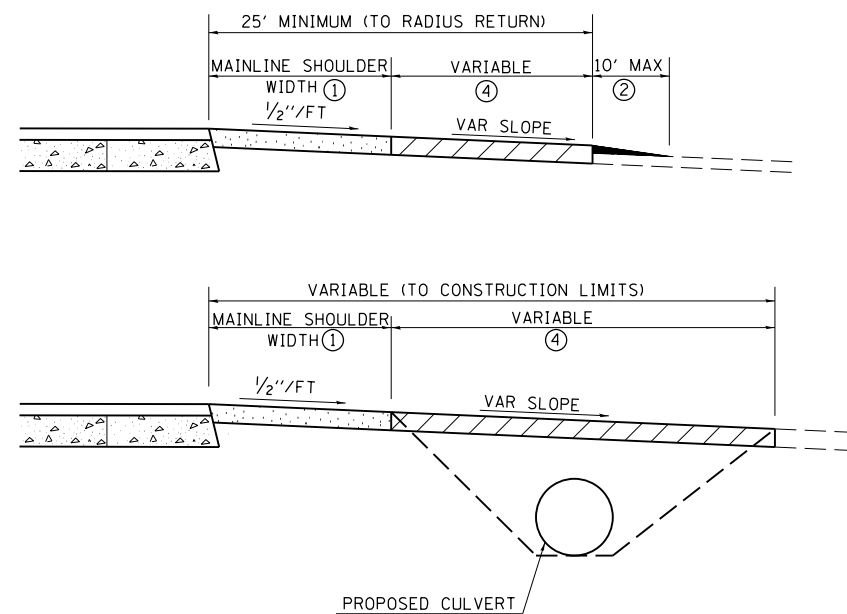
## PRIVATE AND COMMERCIAL ENTRANCES (PROPOSED CULVERT)



## PRIVATE AND COMMERCIAL ENTRANCES



## SIDEROADS



## SIDEROAD DIMENSIONS (MIN.)

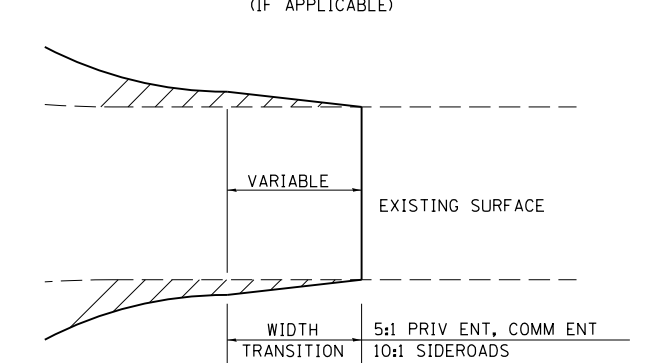
ADT	A (FT)	B (FT)
0 TO 250	18'	2'
250 TO 400	20'	2'
GREATER THAN 400	22'	4'

## FIELD ENTRANCE TREATMENT

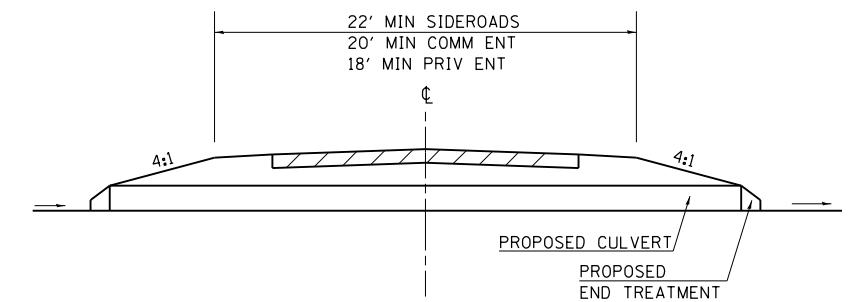
CONSTRUCT MAINLINE HOT-MIX ASPHALT AND AGGREGATE SHOULDERS THROUGH FIELD ENTRANCES.

IF A PIPE IS REQUIRED, PROVIDE A 22' WIDE EARTH EMBANKMENT WITH 15' RADII AT THE INTERSECTION.

## WIDTH TRANSITION DETAIL TO EXISTING (IF APPLICABLE)



## DETAIL FOR CALCULATING CULVERT LENGTH



## LEGEND

- CONSTRUCT HOT-MIX ASPHALT SHOULDER "FULL SHOULDER WIDTH" THROUGH ENTRANCE/INTERSECTION UNLESS OTHERWISE SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
- IF REQUIRED, AGGREGATE TAPER FOR EXISTING GRAVEL SURFACE; HOT-MIX ASPHALT TAPER FOR EXISTING HIGHER TYPE SURFACES.
- 6" AGGREGATE SURFACE COURSE FOR EXISTING GRAVEL SURFACE; 2" HOT-MIX ASPHALT RESURFACING ON 4" AGGREGATE BASE COURSE FOR EXISTING HOT-MIX ASPHALT SURFACE; PCC DRIVEWAY PAVEMENT (6" - PE; 7" - CE) FOR EXISTING CONCRETE SURFACE.
- 3" MINIMUM HOT-MIX ASPHALT RESURFACING ON 8" MINIMUM AGGREGATE BASE COURSE FOR EXISTING GRAVEL SURFACE OR OIL & CHIP SURFACE; MATCH EXISTING FOR EXISTING HIGHER TYPE SURFACES.

## GENERAL NOTES

- ENTRANCE LOCATIONS ARE TO COMPLY WITH IDOT'S POLICY "ACCESS TO STATE HIGHWAYS".
- IN GENERAL, RELOCATED PRIVATE ENTRANCES ARE TO HAVE A 16' WIDE SURFACE WITH 3' WIDE SHOULDERS (22' WIDE EMBANKMENT).
- SEE PLANS FOR PROPOSED PROFILE GRADES AT ENTRANCES/SIDEROADS. THE DESIRABLE MAXIMUM PROFILE GRADE FOR ENTRANCES ARE 12% FOR PE; 10% FOR CE.
- ENTRANCE PIPE CULVERTS ARE TO BE A MINIMUM 15" DIAMETER AND NORMALLY REPLACED IN KIND; SIDEROAD PIPE CULVERTS ARE GENERALLY TO BE CONCRETE (18" MINIMUM DIAMETER).
- THE INTERSECTION RADII OF SIDEROADS CONSTRUCTED TO FULL POLICY STANDARDS SHOULD COMPLY WITH THAT NOTED IN THE BUREAU OF LOCAL ROADS ADMINISTRATIVE POLICIES MANUAL (5-8-13).

REVISIONS	
DRAWN	3-15-91
REVISED	10-02-91
REVISED	5-15-92
REVISED	1-20-00
REVISED	01-11-07
RESIZED	5-7-08

STD. 9-83

FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -
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	PLOT DATE = 5/10/2013	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DETAIL: RURAL SIDE APPROACH DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1-3)R-4	WILLIAMSON	62	36
				CONTRACT NO. 78298
ILLINOIS FED. AID PROJECT				

# ENERGY DISSIPATOR

## EARTH EXCAVATION FOR ENERGY DISSIPATOR

THIS WORK INVOLVES THE EXCAVATION OF EARTH AS SHOWN IN THE SKETCH TO THE LENGTH, WIDTH, AND DEPTH AS SPECIFIED. THE EARTH EXCAVATION WILL BE UTILIZED IN THE ROADWAY EMBANKMENT OR WASTED AS DIRECTED BY THE ENGINEER. THE EXCAVATION SHALL BE PERFORMED AT THE SAME TIME AS THE CULVERT OR DITCH IS CONSTRUCTED TO SERVE AS A TEMPORARY SEDIMENT TRAP.

EARTHWORK WILL BE CONSIDERED INCLUDED IN THE COST OF THE RIPRAP.

ENERGY DISSIPATOR IS TO BE CONSTRUCTED AT THE LOCATION INDICATED ON THE PLAN AND PROFILE SHEETS.

## RIPRAP FOR ENERGY DISSIPATOR

RIPRAP FOR ENERGY DISSIPATOR SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 281 OF THE STANDARD SPECIFICATIONS EXCEPT AS REVISED HEREIN.

THE LENGTH, WIDTH, AND DEPTH FOR RIPRAP PLACEMENT SHALL BE AS SPECIFIED IN THESE DETAILS UNLESS OTHERWISE SPECIFIED IN THE PLANS.

THE RIPRAP FOR THE ENERGY DISSIPATOR SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD FOR **STONE DUMPED RIPRAP**.

THE STONE DUMPED RIPRAP SHALL CONFORM TO THE QUALITY AND GRADATION REQUIREMENTS OF STONE RIPRAP, CLASS A4.

FILTER FABRIC AND BEDDING MATERIAL AS SPECIFIED IN SECTION 281 OF THE STANDARD SPECIFICATIONS WILL NOT BE REQUIRED.

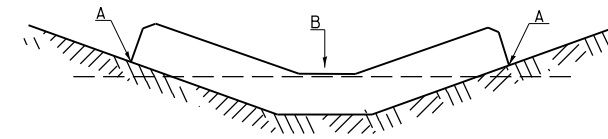
### REVISIONS

REDRAWN	2-15-89
REVISED	11-3-93
REVISED	8-15-94
REVISED	12-14-01
REVISED	3-26-08

STD 9-6

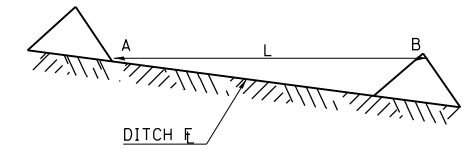
# TEMPORARY DITCH CHECKS

## PLACEMENT OF TEMPORARY DITCH CHECK IN DRAINAGE WAY



POINTS A SHOULD BE HIGHER THAN POINT B

## SPACING BETWEEN TEMPORARY DITCH CHECKS



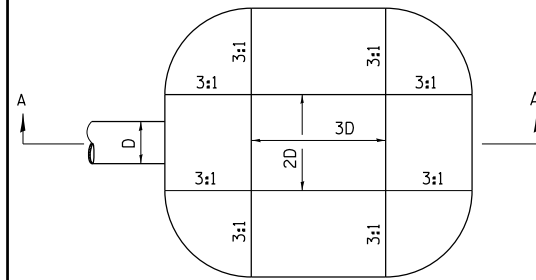
L = THE DISTANCE SUCH THAT POINTS A AND B ARE OF EQUAL ELEVATION

B = THE LOW POINT IN CENTER OF CHECK

### REVISIONS

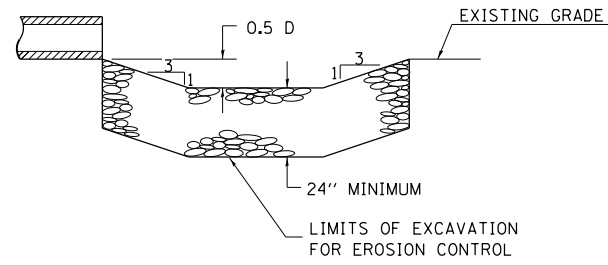
DRAWN	9-01-99
REVISED	10-3-01
RESIZED	5-8-08
REVISED	05-04-10

STD. 9-108



D= INSIDE DIAMETER OF PIPE CULVERT OR CLEAR HEIGHT OF BOX CULVERT

PLAN



SECTION A-A

FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -
ci:\pw\work\p\idot\lavenderba\d0292803\78298-shr1-details.dgn		DRAWN -	REVISED -
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	PLOT DATE = 5/10/2013	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

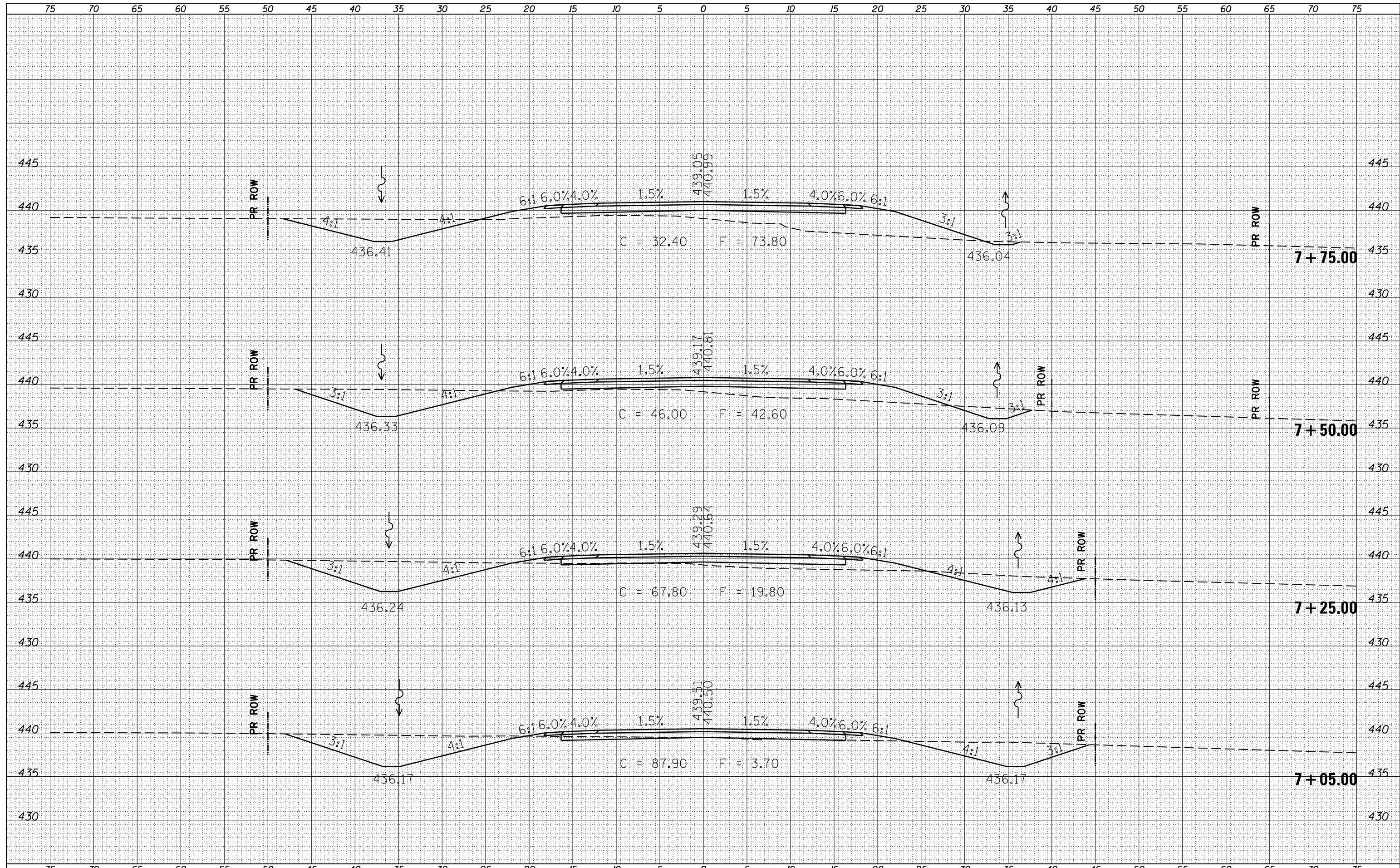
DETAIL: TEMPORARY DITCH CHECKS  
AND ENERGY DISSIPATOR

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1-3)R-4	WILLIAMSON	62	37
			CONTRACT NO. 78298	
ILLINOIS FED. AID PROJECT				

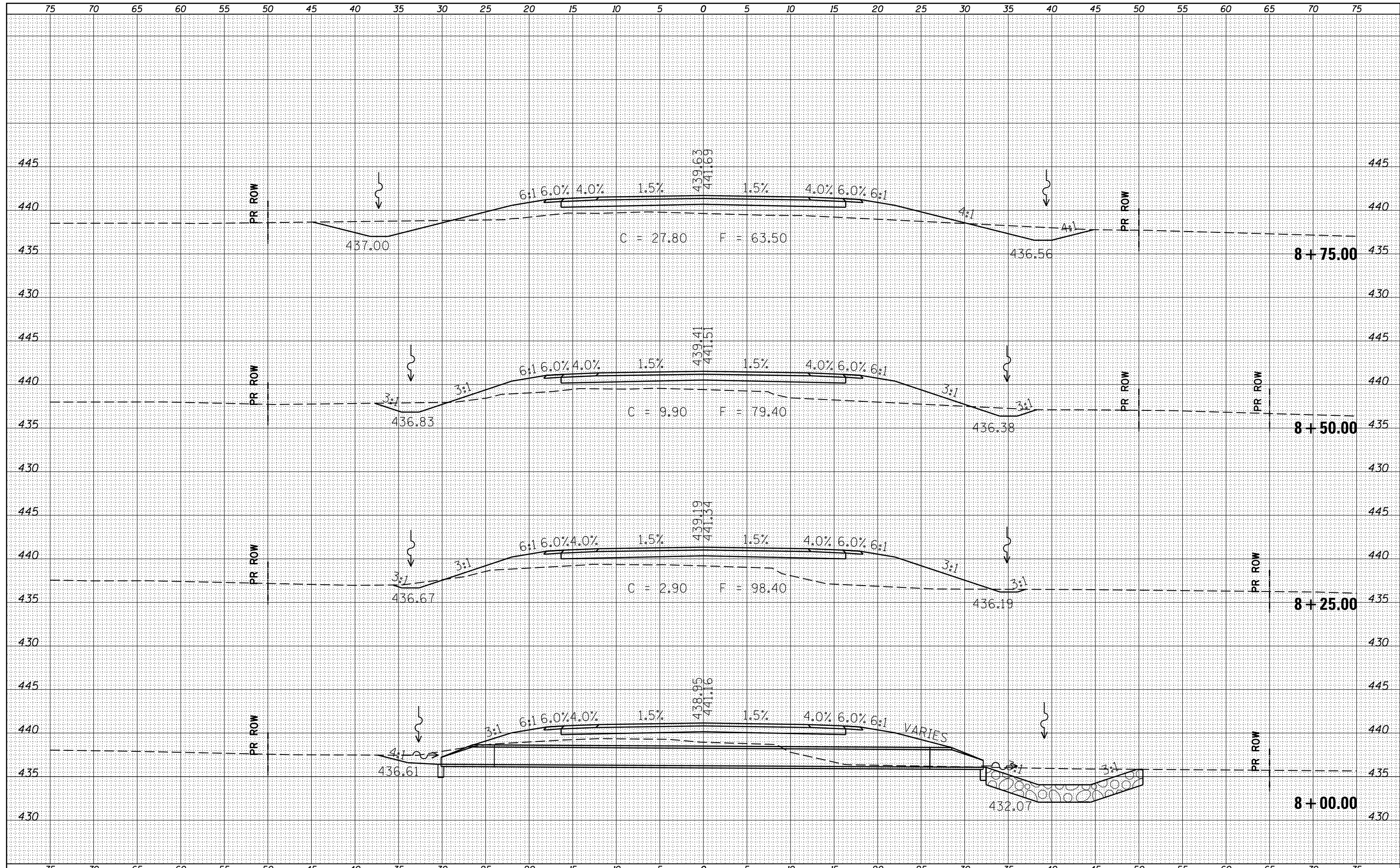
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BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
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NOTE BOOK	
NO.	

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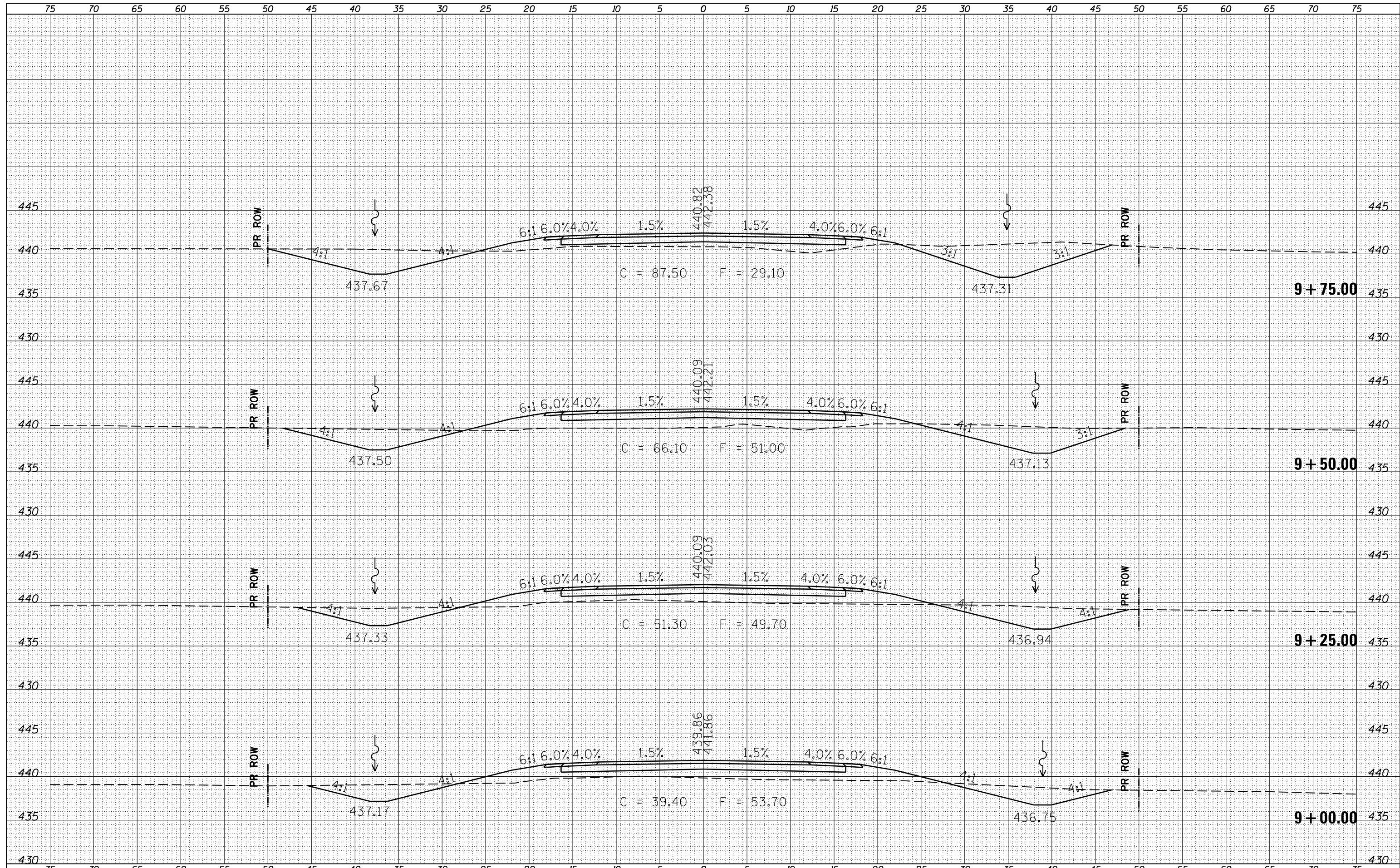
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SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	



FILE NAME =	USER NAME = susers	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS - KIRK LN</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 78298								
PLOT DATE = 5/10/2013	DATE -	REVISED -	ILLINOIS FED. AID PROJECT								
\$MODELNAME\$				SCALE:	SHEET 2	OF 21	SHEETS	STA. 8+00.00	TO STA. 8+75.00		

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

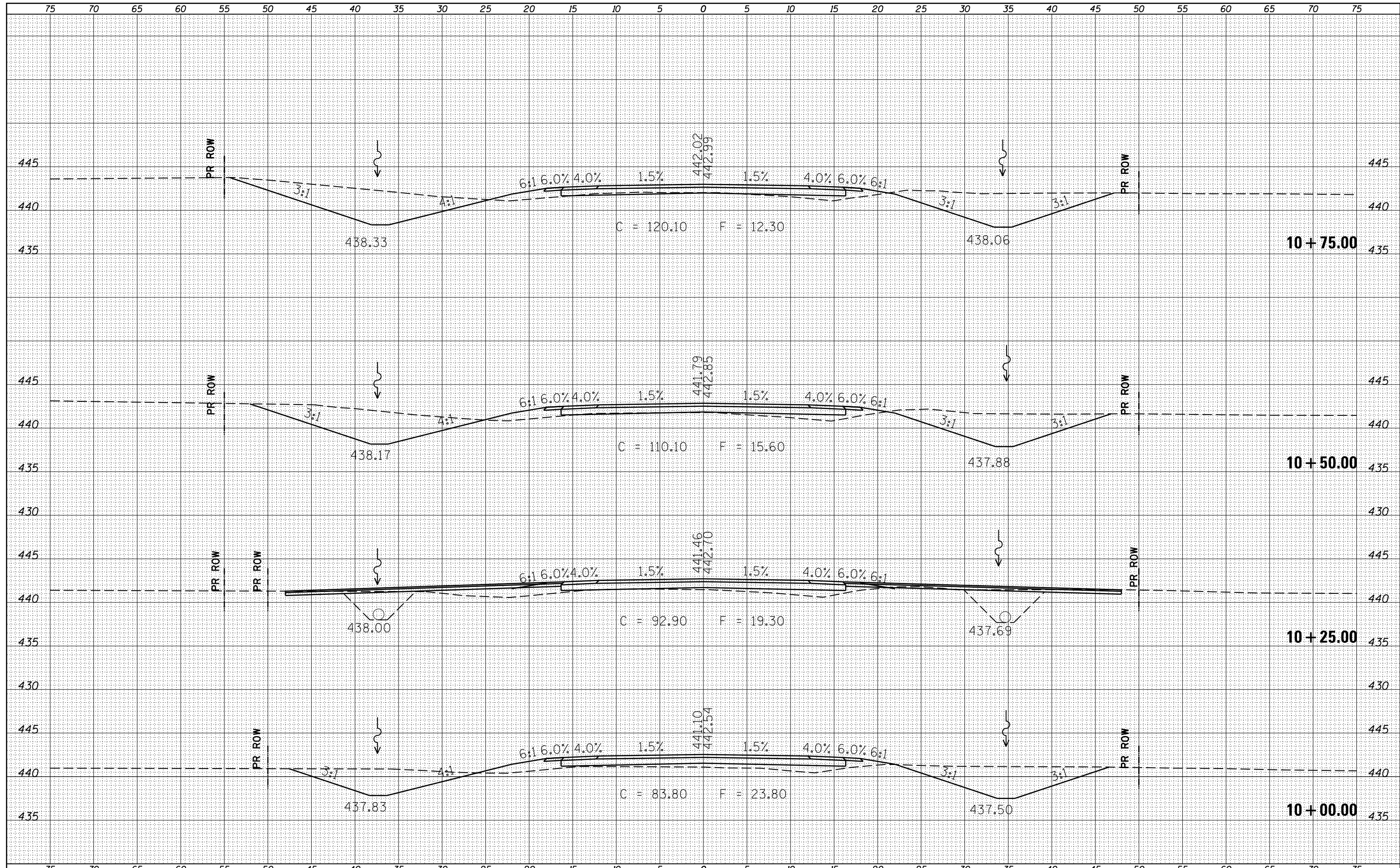
DATE	
BY	
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NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED

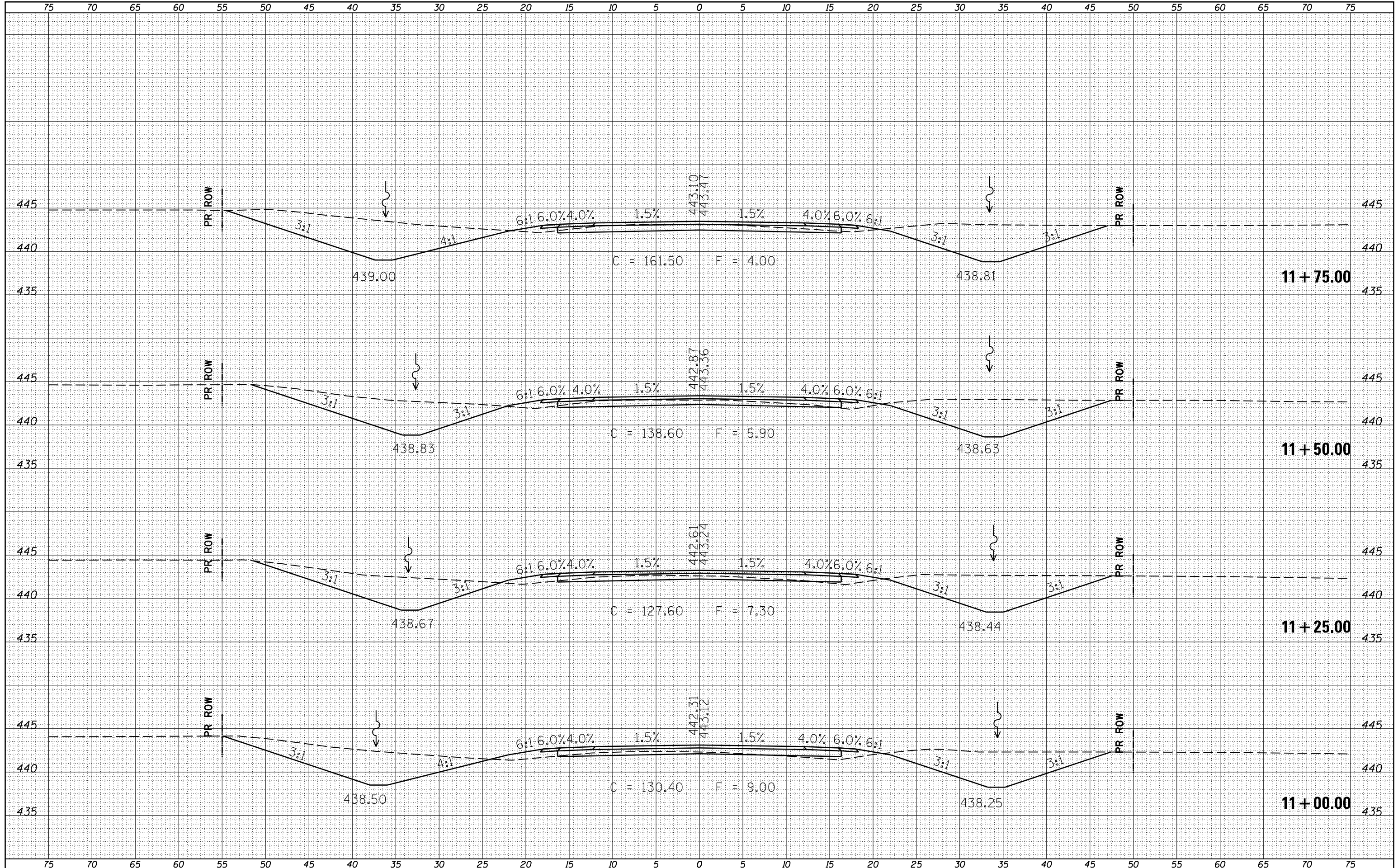




DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED

DATE	
BY	
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NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED



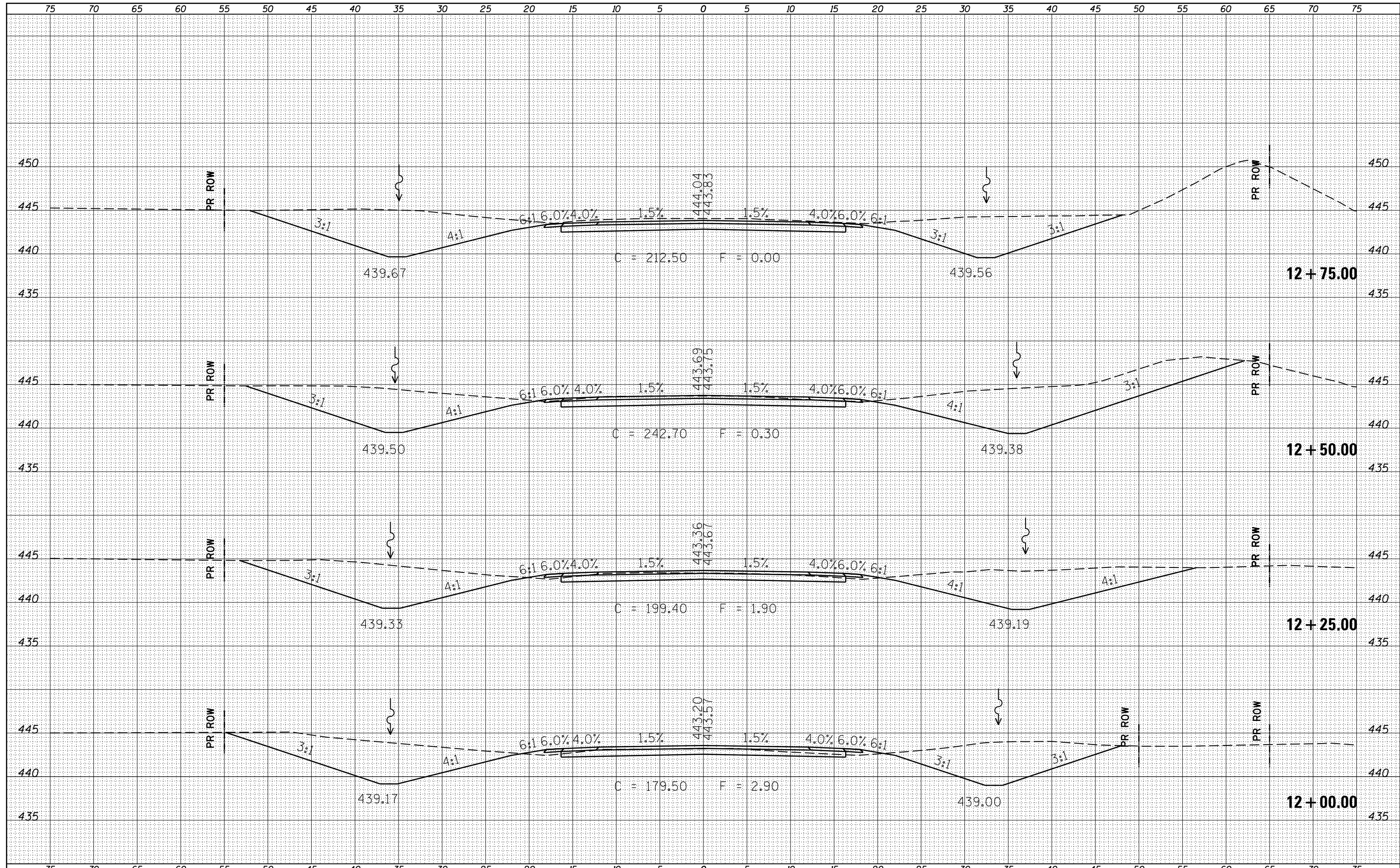


DATE	
BY	
ORIGINAL SURVEY	
NOTE BOOK NO.	
AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY	
NOTE BOOK NO.	
AREAS CHECKED	

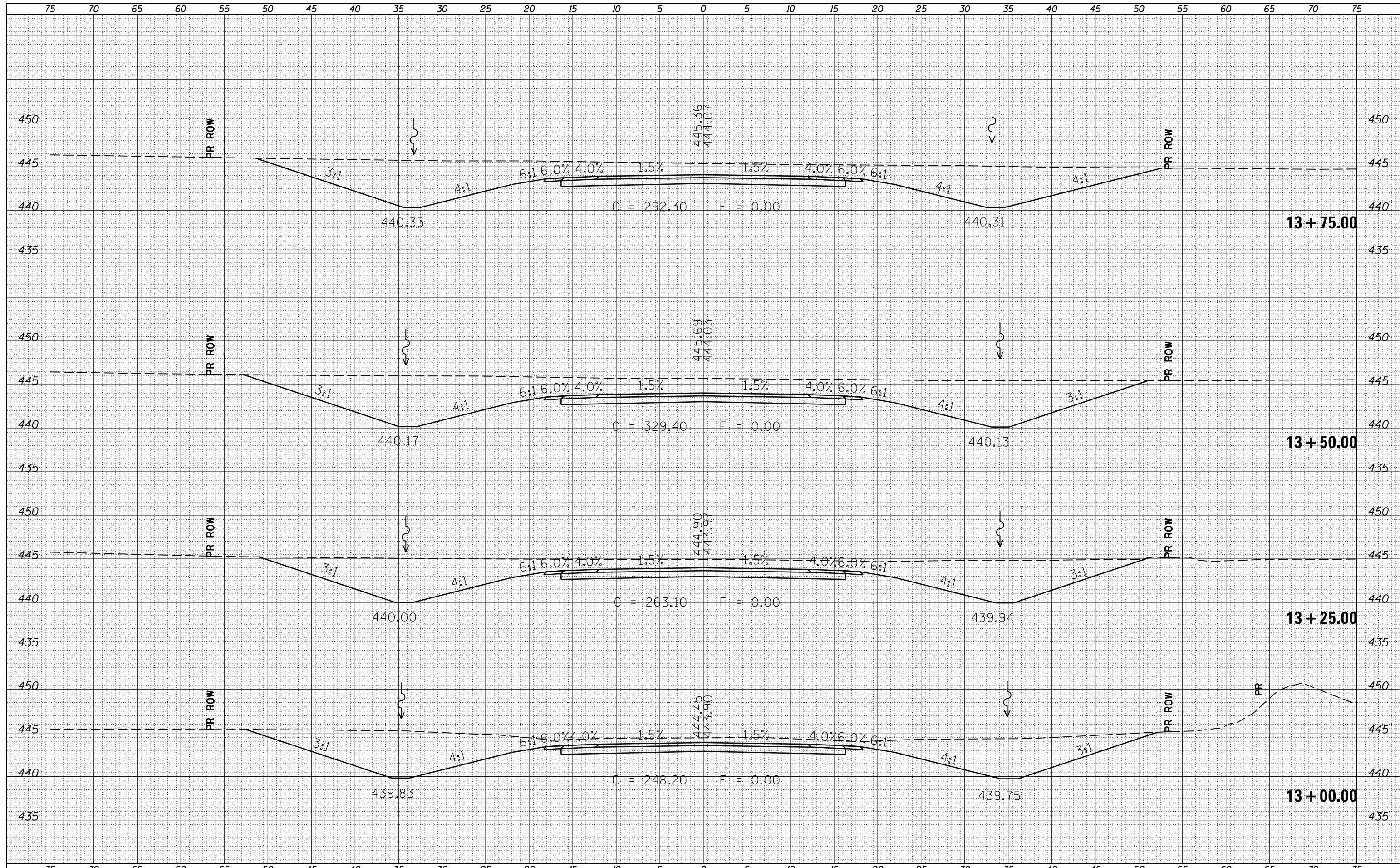
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BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
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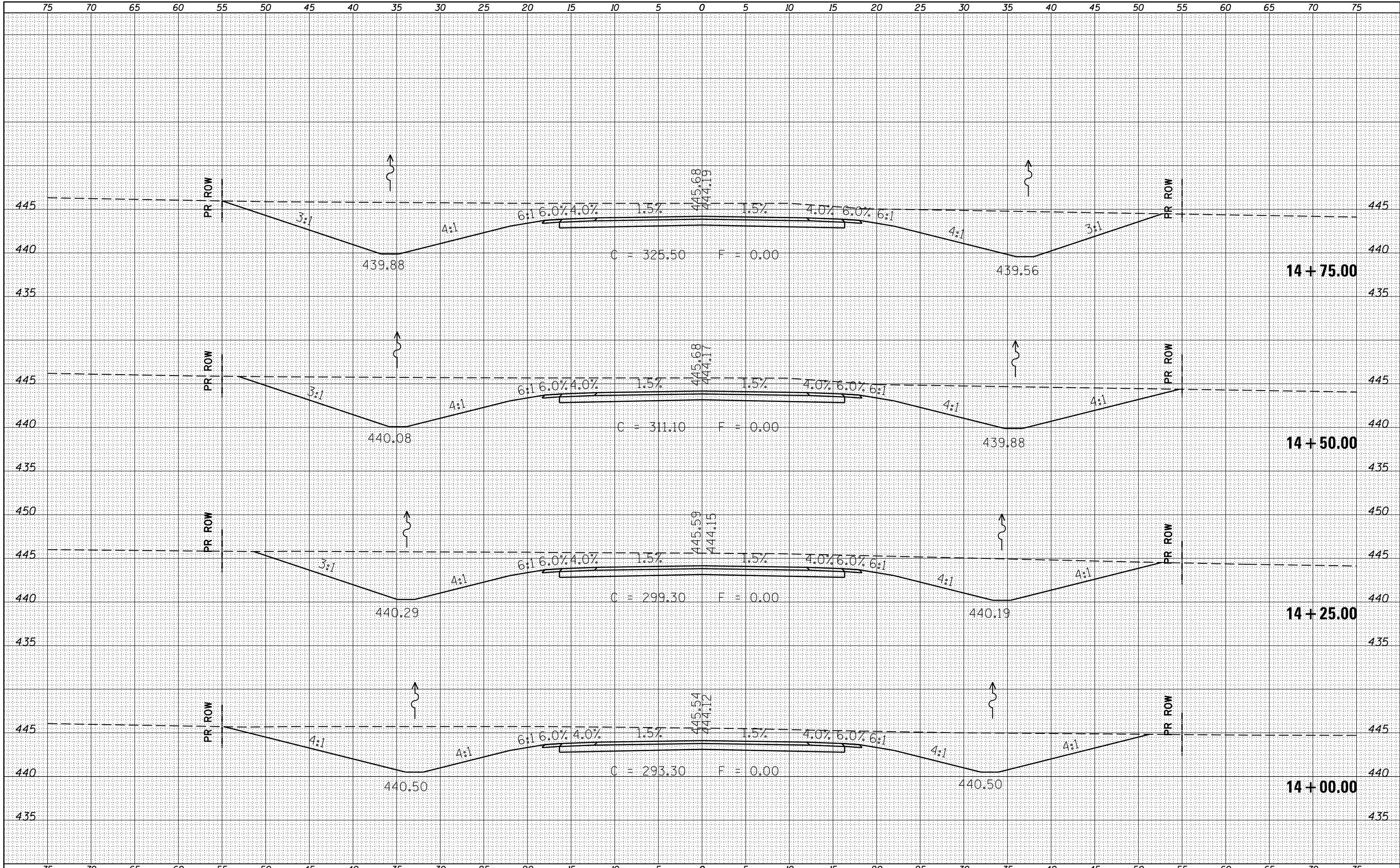
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
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TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

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ORIGINAL SURVEY NO.	
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AREAS CHECKED	





BY	DATE

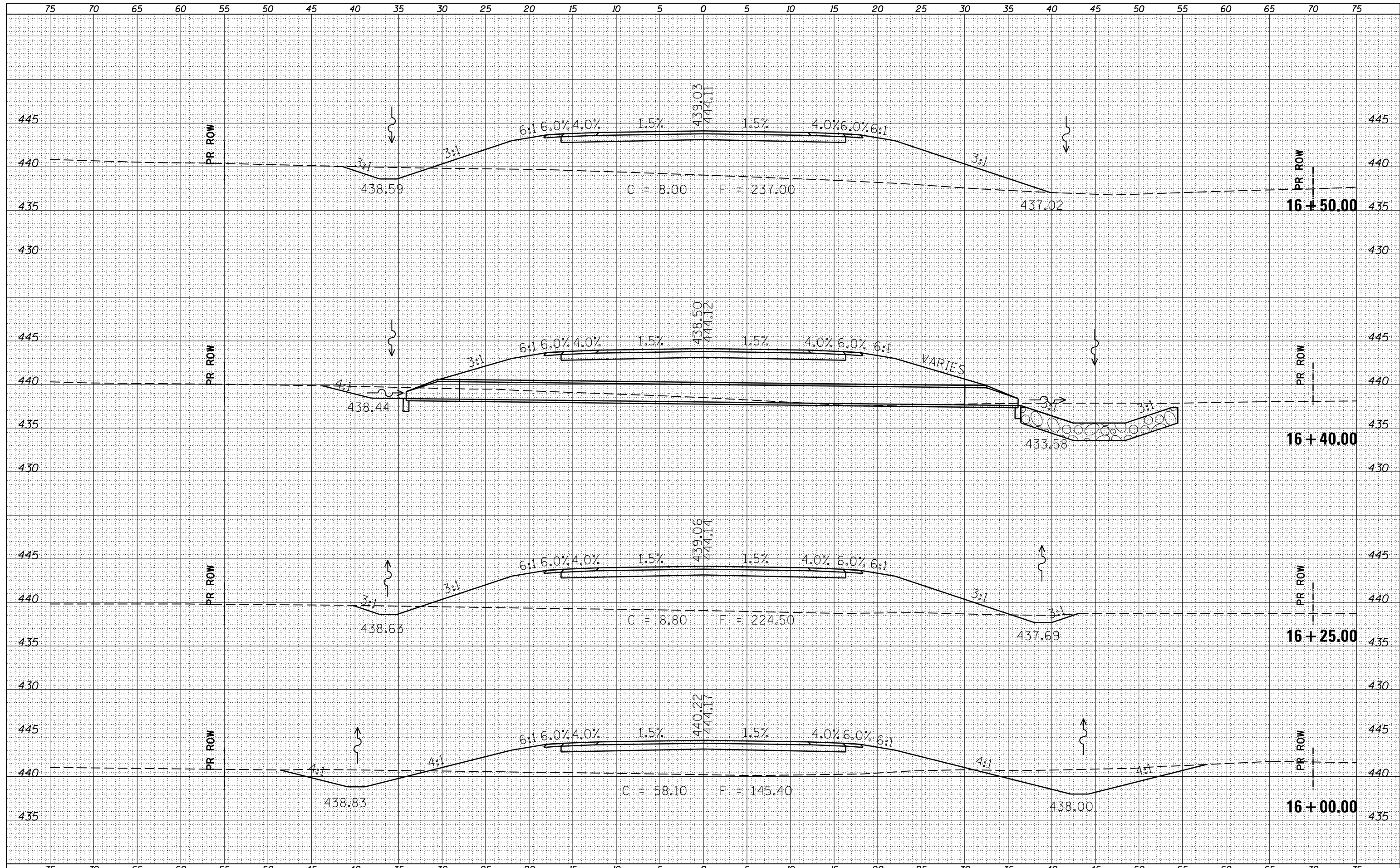
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NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED

FILE NAME =	USER NAME =	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS - KIRK LN</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -			331	(1-3)R-4	WILLIAMSON	62	45
		CHECKED -	REVISED -			CONTRACT NO. 78298				
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
						SCALE:	SHEET 8	OF 21	SHEETS	STA. 14+00.00



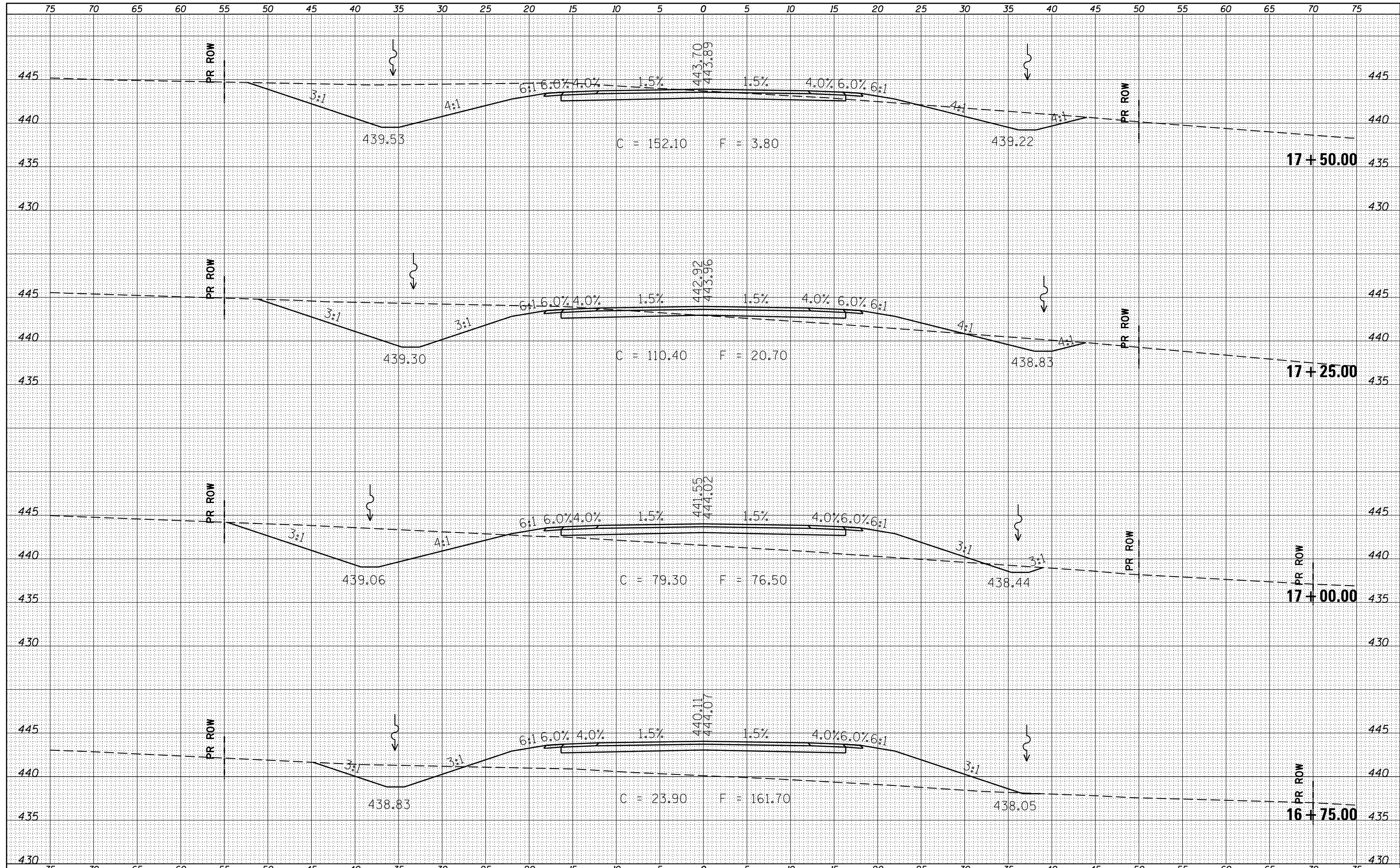
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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED

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



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

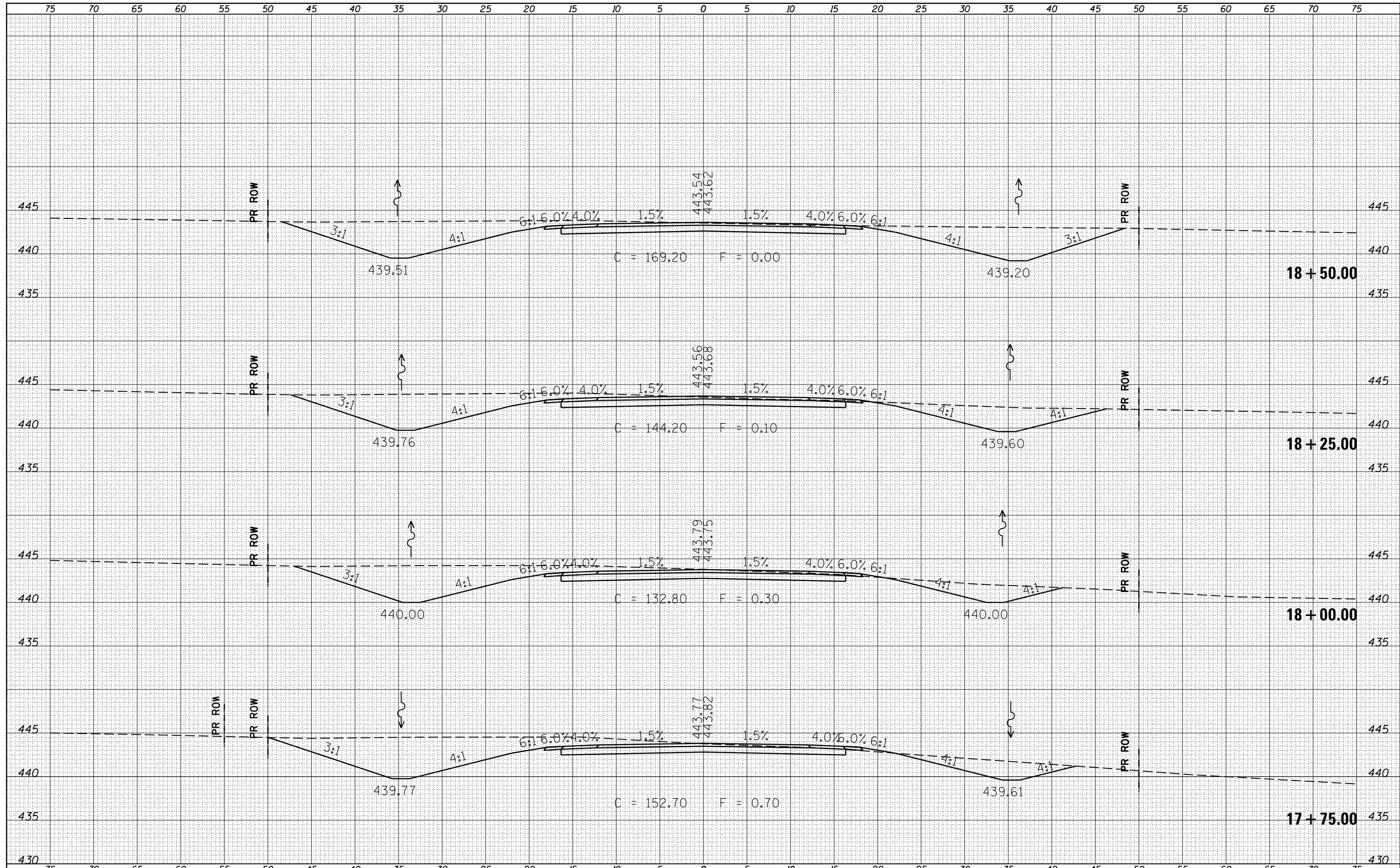
DATE	
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED





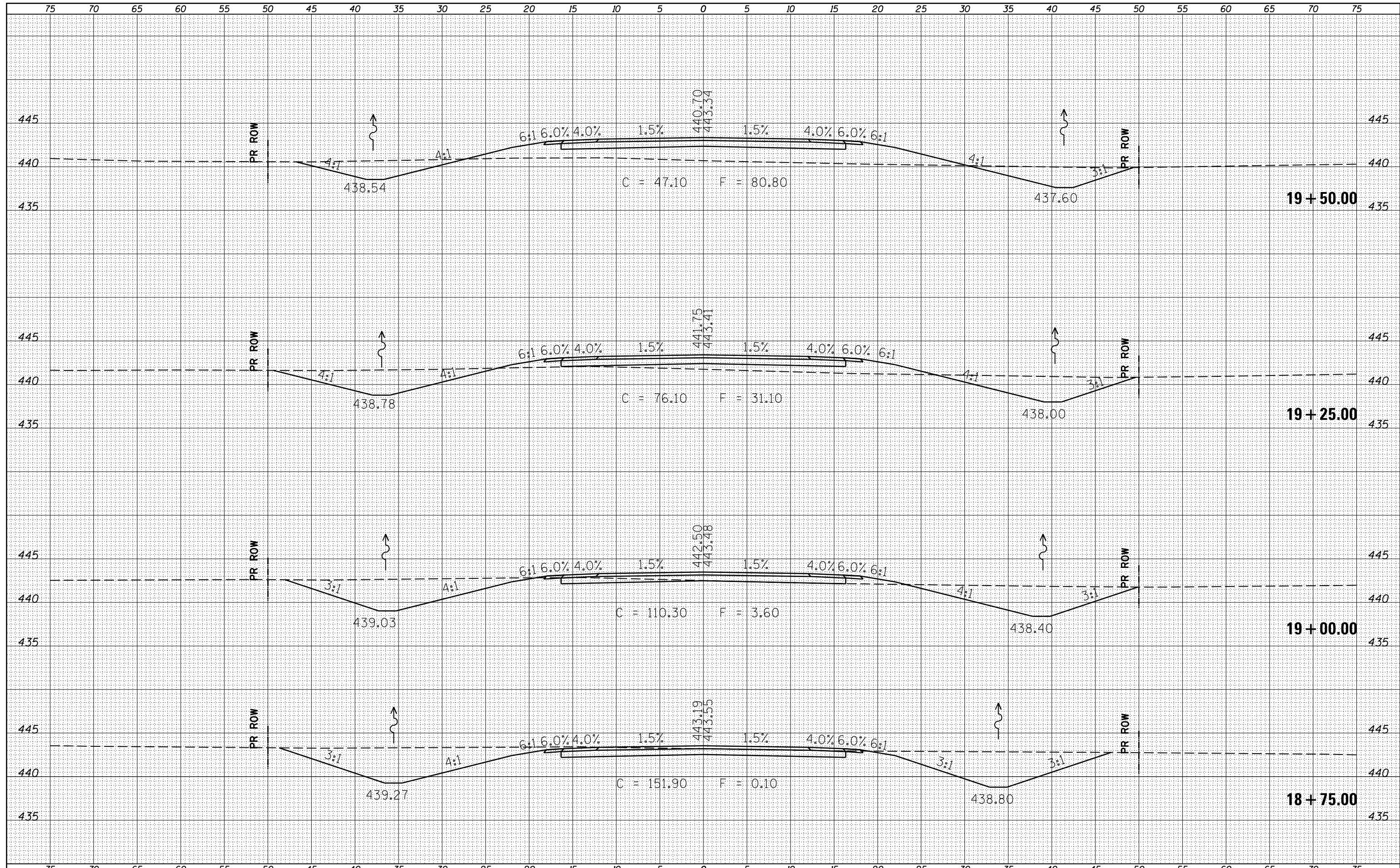
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FINAL SURVEY	
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TEMPLATE	
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DATE	
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ORIGINAL SURVEY	
NOTE BOOK	
NO.	
SURVEYED	
PLOTTED	
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DATE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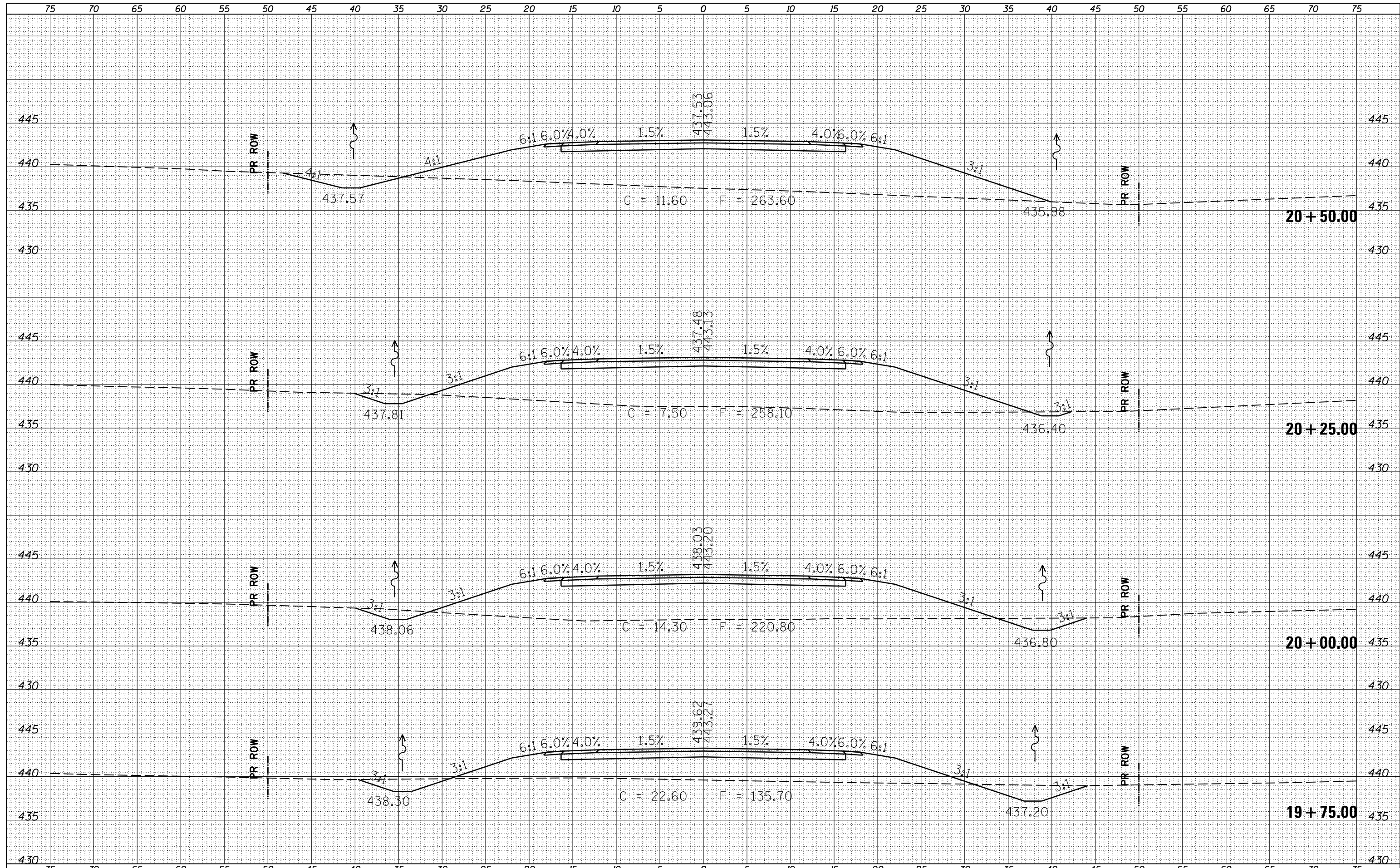
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TEMPLATE	
AREAS CHECKED	
FINISHED SURVEY NO.	
NOTE BOOK	
AREAS CHECKED	



FILE NAME =	USER NAME = susers	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS - KIRK LN</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw_work\pwidot\lavenderba\0292803\78298-sh\1-xsections.dgn		DRAWN -	REVISED -				331	(1-3)R-4	WILLIAMSON	62	50
		CHECKED -	REVISED -		SCALE: SHEET 13 OF 21 SHEETS STA. 18+75.00 TO STA. 19+50.00		CONTRACT NO. 78298		ILLINOIS FED. AID PROJECT		
*MODELNAME*		DATE -	REVISED -								

DATE	
BY	
ORIGINAL SURVEY NO.	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	

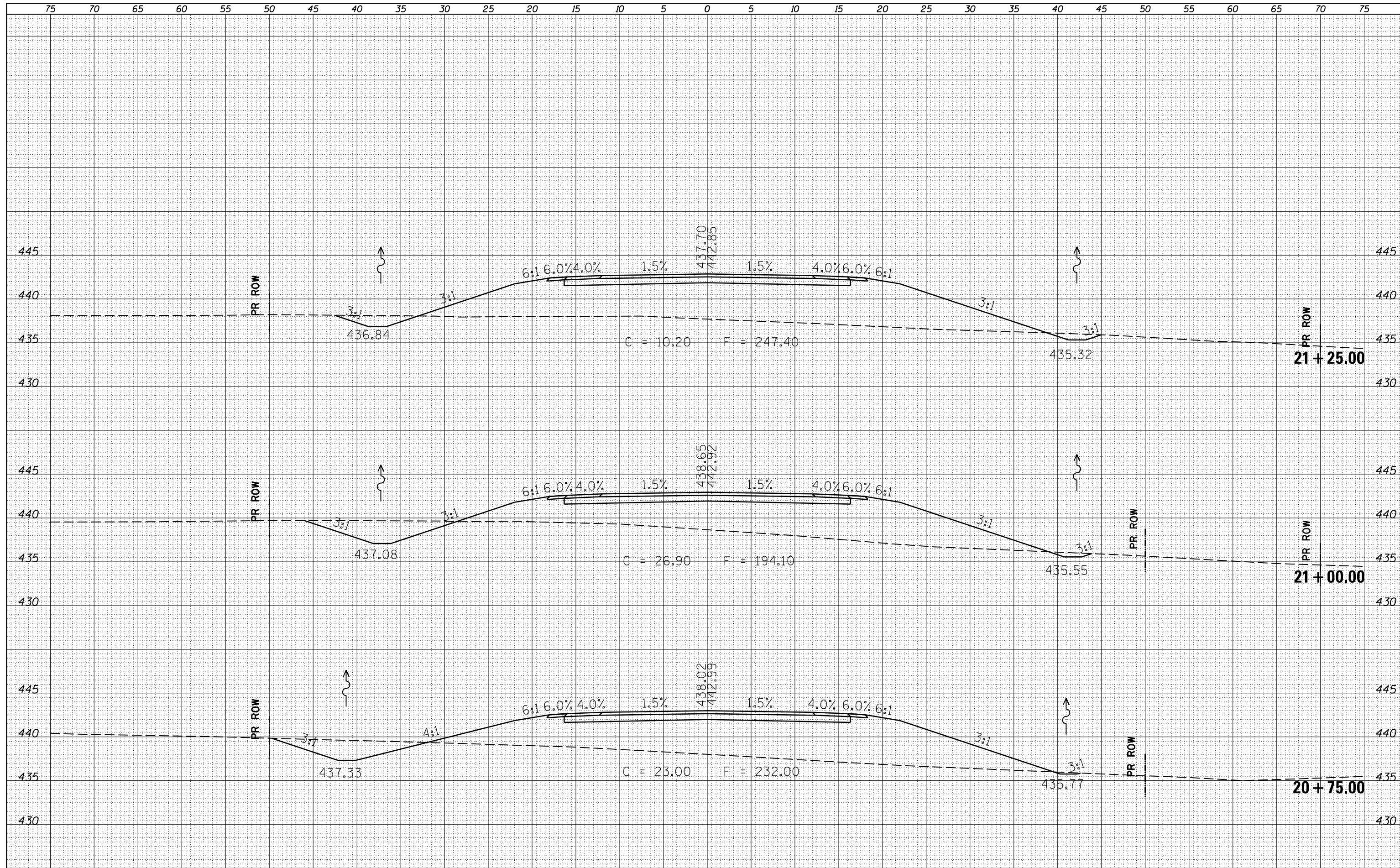
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ORIGINAL SURVEY NO.	
SURVEYED	
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TEMPLATE	
AREAS	
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FILE NAME =	USER NAME = susers	DESIGNED -	REVISIED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS - KIRK LN</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
c:\pw\work\p\dot\lavenderba\d0292803\78298-sh\1-xsections.dgn	PLOT SCALE = 10.0000' / in.	DRAWN -	REVISIED -				331	(1-3)R-4	WILLIAMSON	62	51		
*MODELNAME*	PLOT DATE = 5/10/2013	CHECKED -	REVISIED -				CONTRACT NO. 78298		ILLINOIS FED. AID PROJECT				
		DATE -	REVISIED -				SCALE:	SHEET 14	OF 21	SHEETS	STA. 19+75.00	TO STA. 20+50.00	

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SURVEYED	
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TEMPLATE	
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FINISH SURVEY	
NOTE BOOK	
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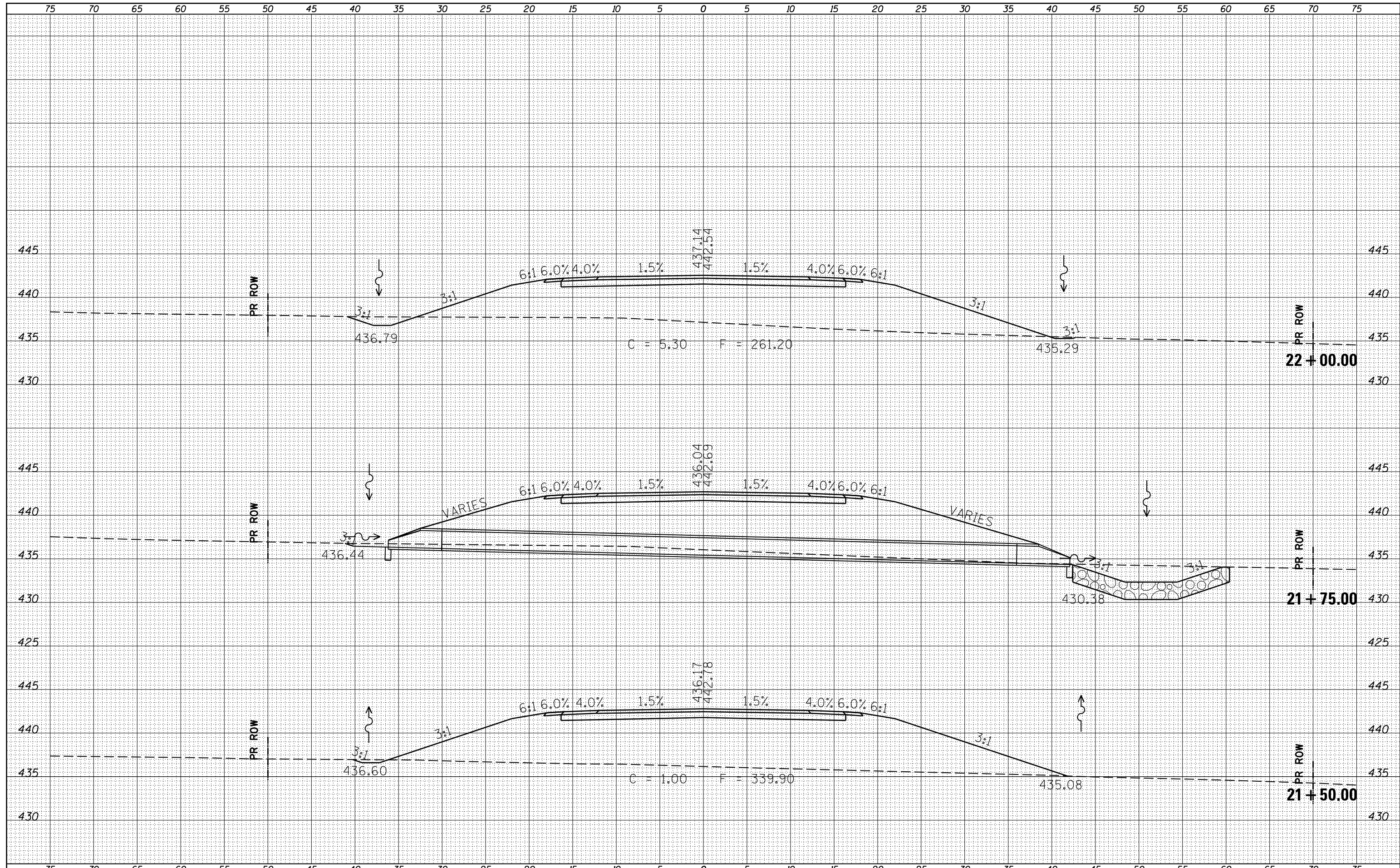
BY	DATE
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
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FILE NAME =	USER NAME = susers	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS - KIRK LN</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ca:\pw_work\pwidot\lavenderba\0292803\78298-sh\1-xsections.dgn		DRAWN -	REVISED -			331	(1-3)R-4	WILLIAMSON	62	52
\$MODELNAME\$		CHECKED -	REVISED -			CONTRACT NO. 78298			ILLINOIS FED. AID PROJECT	
		DATE -	REVISED -	SCALE:	SHEET 15	OF 21	SHEETS	STA. 20+75.00	TO STA. 21+25.00	

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

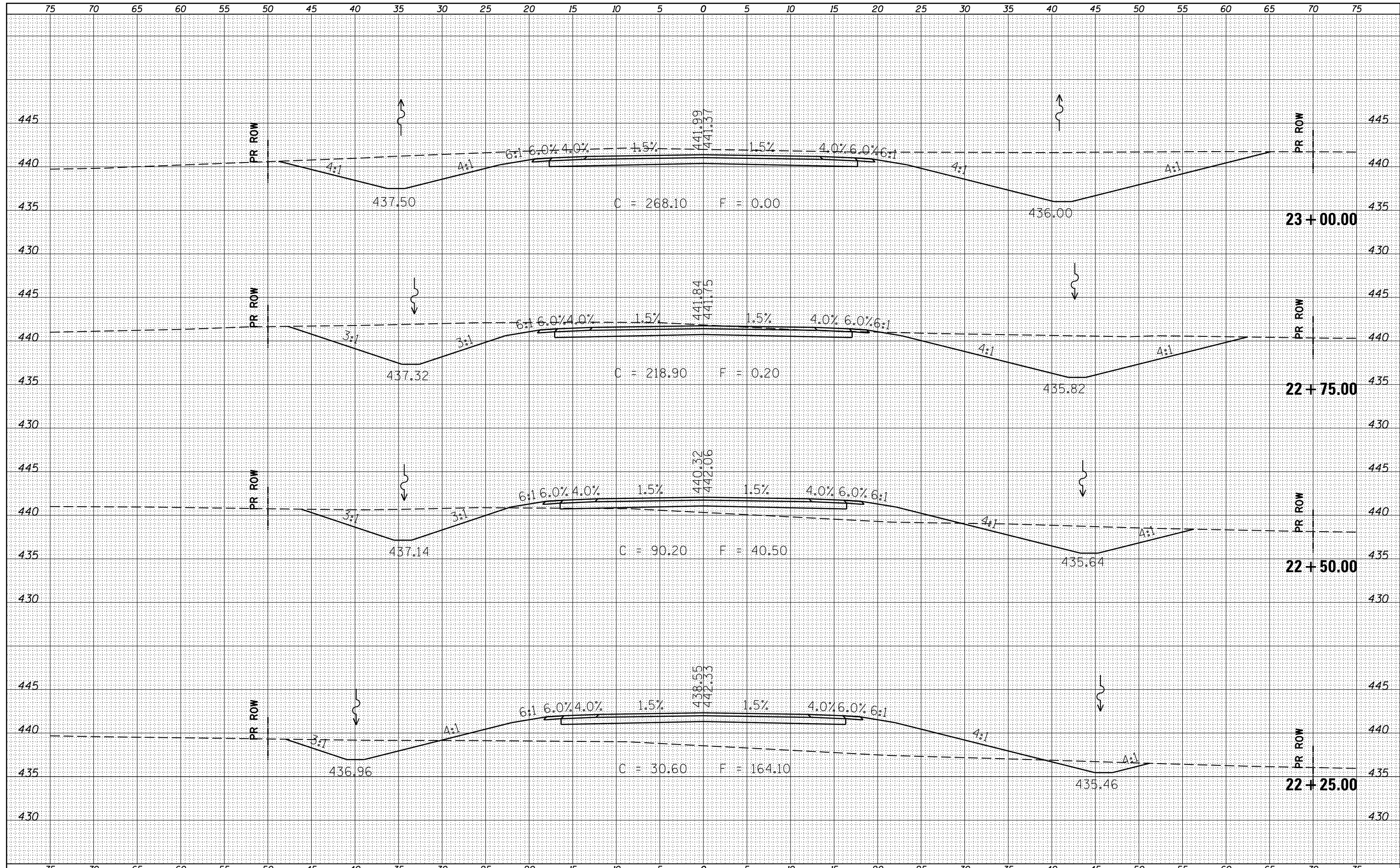
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED
	AREAS CHECKED



FILE NAME =	USER NAME = \$USERS	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS - KIRK LN</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ca:\pw_work\pwidot\lavenderba\0292803\78298-sh\1-xsections.dgn		DRAWN -	REVISED -				331	(1-3)R-4	WILLIAMSON	62	53
\$MODELNAME\$		CHECKED -	REVISED -		SCALE: SHEET 16 OF 21 SHEETS STA. 21+50.00 TO STA. 22+00.00		ILLINOIS FED. AID PROJECT		CONTRACT NO. 78298		
		DATE -	REVISED -								

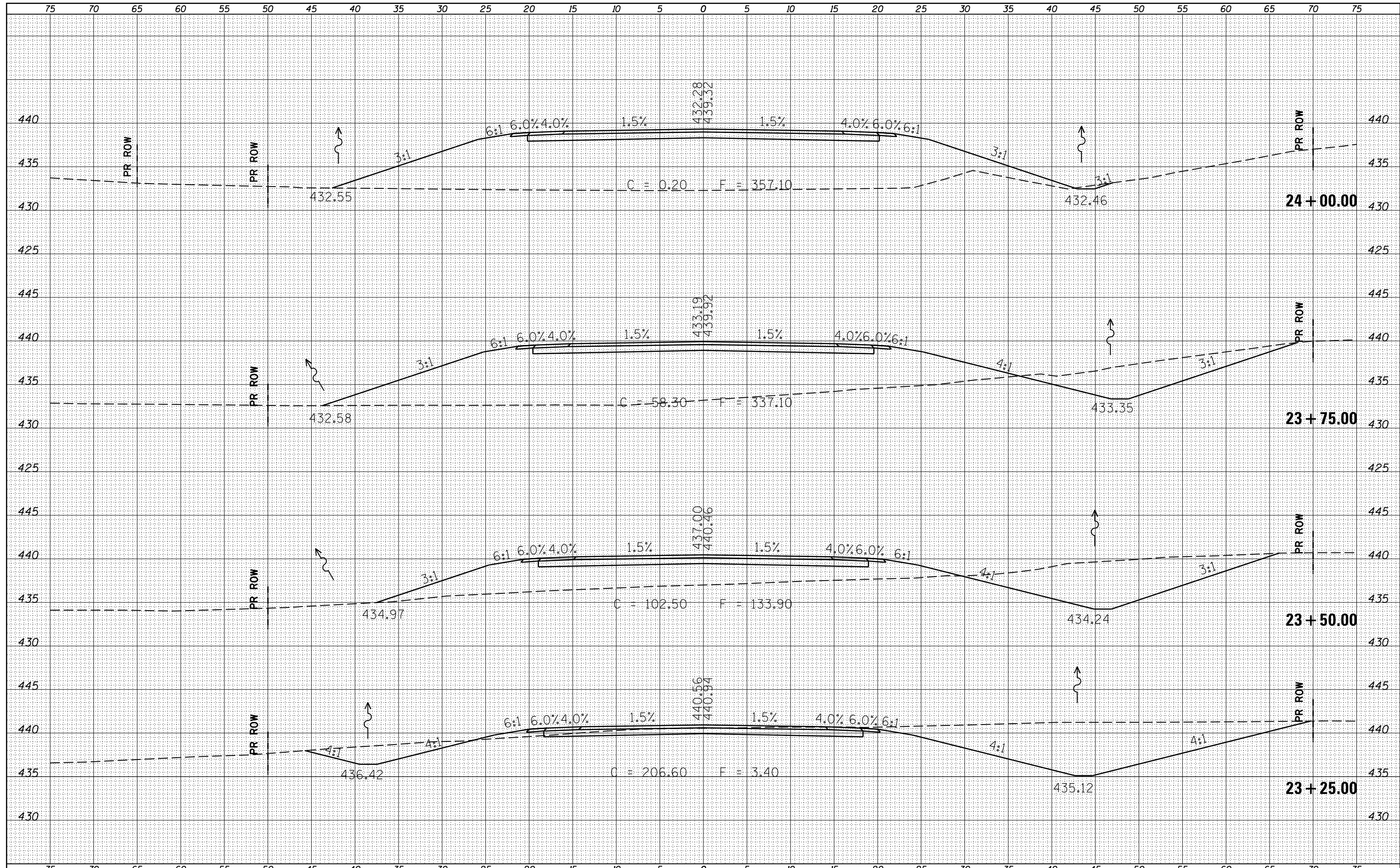
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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED



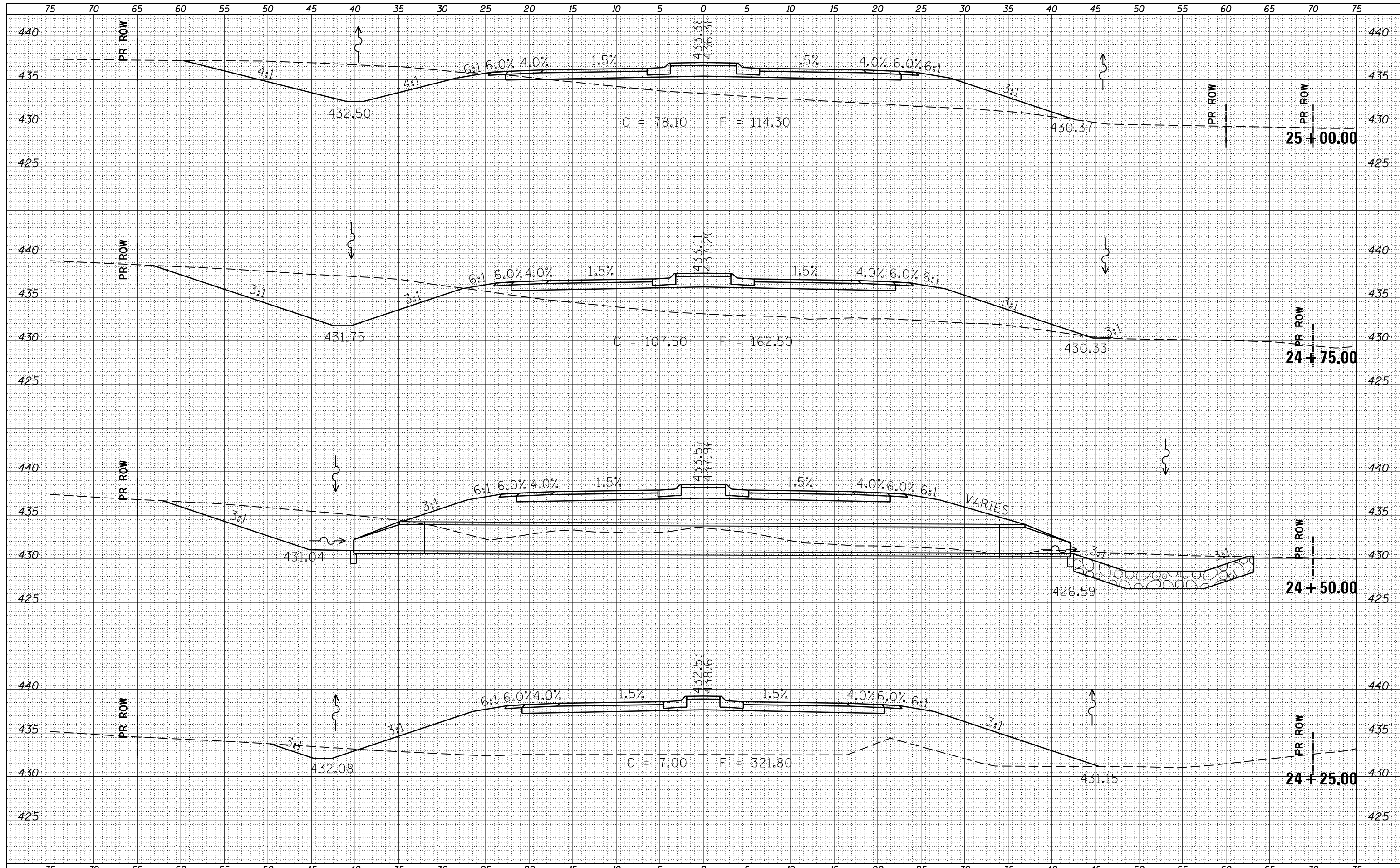
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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED

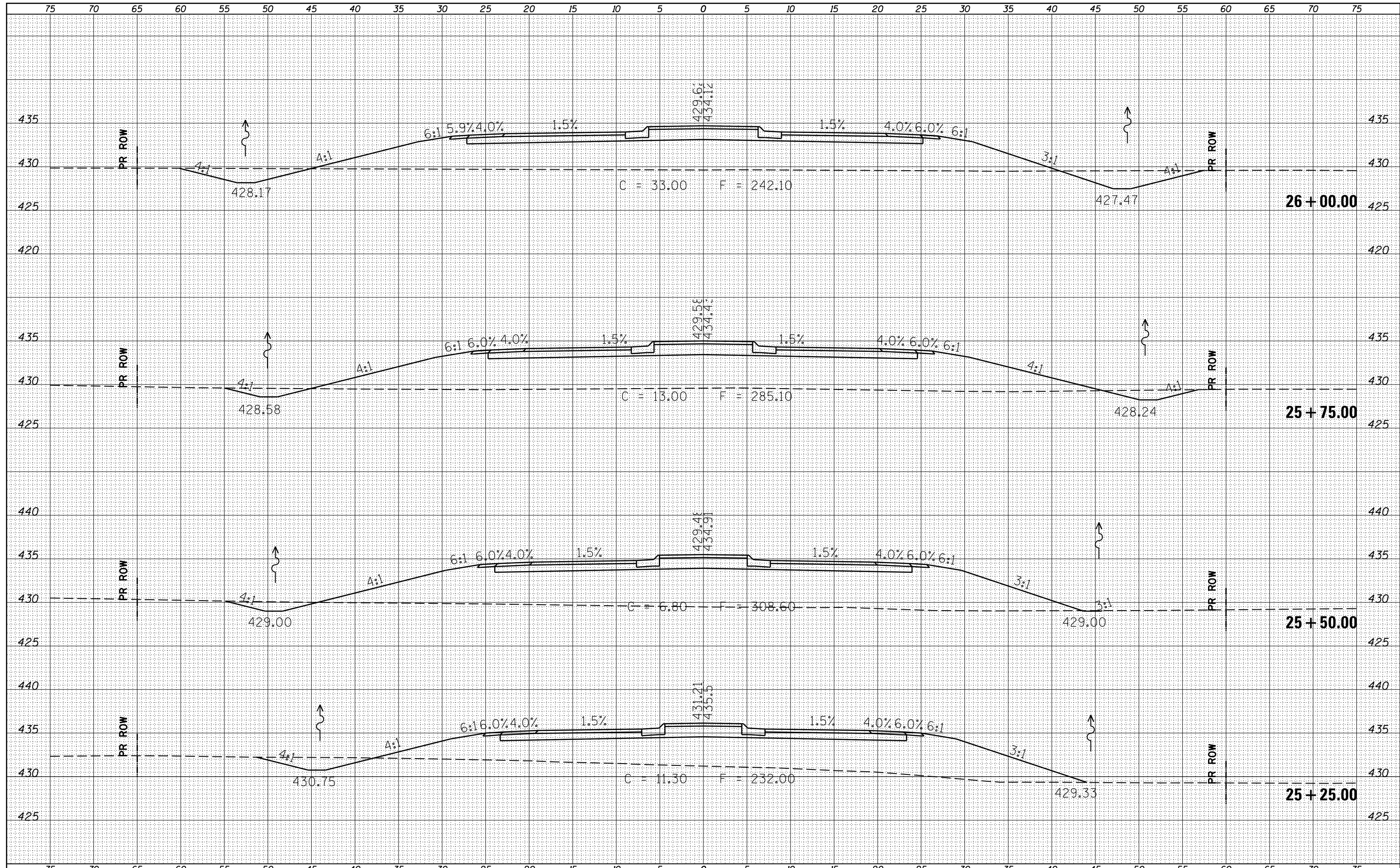


FILE NAME =	USER NAME = susers	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS - KIRK LN</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pw_work\pwidot\lavenderba\0292803\78298-sh\1-xsections.dgn	PLLOT SCALE = 10.0000' / in.	DRAWN -	REVISED -				331	(1-3)R-4	WILLIAMSON	62	56
*MODELNAME*	PLLOT DATE = 5/10/2013	CHECKED -	REVISED -		SCALE: SHEET 19 OF 21 SHEETS STA. 24+25.00 TO STA. 25+00.00		ILLINOIS FED. AID PROJECT		CONTRACT NO. 78298		
		DATE -	REVISED -								



DATE	
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ORIGINAL SURVEY NO.	
SURVEYED	
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TEMPLATE	
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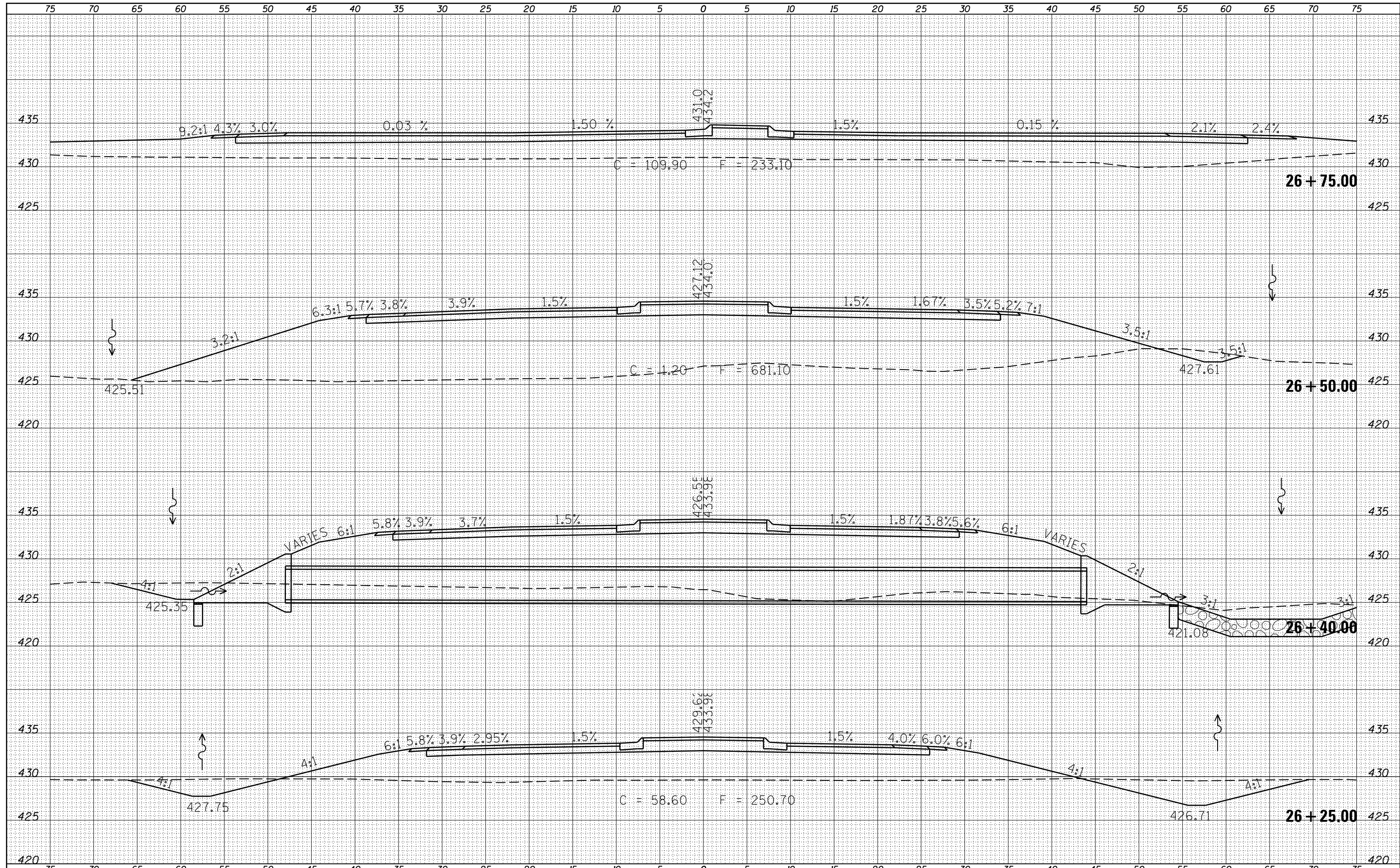
DATE	
BY	
ORIGINAL SURVEY NO.	
SURVEYED	
PLOTTED	
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FILE NAME =	USER NAME = susers	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS - KIRK LN</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pw_work\pwidot\lavenderba\0292803\78298-sh\1-xsections.dgn	PLOT SCALE = 10.0000' / in.	DRAWN -	REVISED -				331	(1-3)R-4	WILLIAMSON	62	57
\$MODELNAME\$	PLOT DATE = 5/10/2013	CHECKED -	REVISED -		SCALE: SHEET 20 OF 21 SHEETS STA. 25+25.00 TO STA. 26+00.00		CONTRACT NO. 78298		ILLINOIS FED. AID PROJECT		
		DATE -	REVISED -								

DATE	
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FINAL SURVEY	
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FILE NAME =	USER NAME = susers	DESIGNED -	REVISED -	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw_work\pwidot\lavenderba\0292803\78298-sh\1-xsections.dgn		DRAWN -	REVISED -	331	(1-3)R-4	WILLIAMSON	62	58
		CHECKED -	REVISED -	CONTRACT NO. 78298				
*MODELNAME*	DATE = 5/10/2013	DATE -	REVISED -	ILLINOIS FED. AID PROJECT				

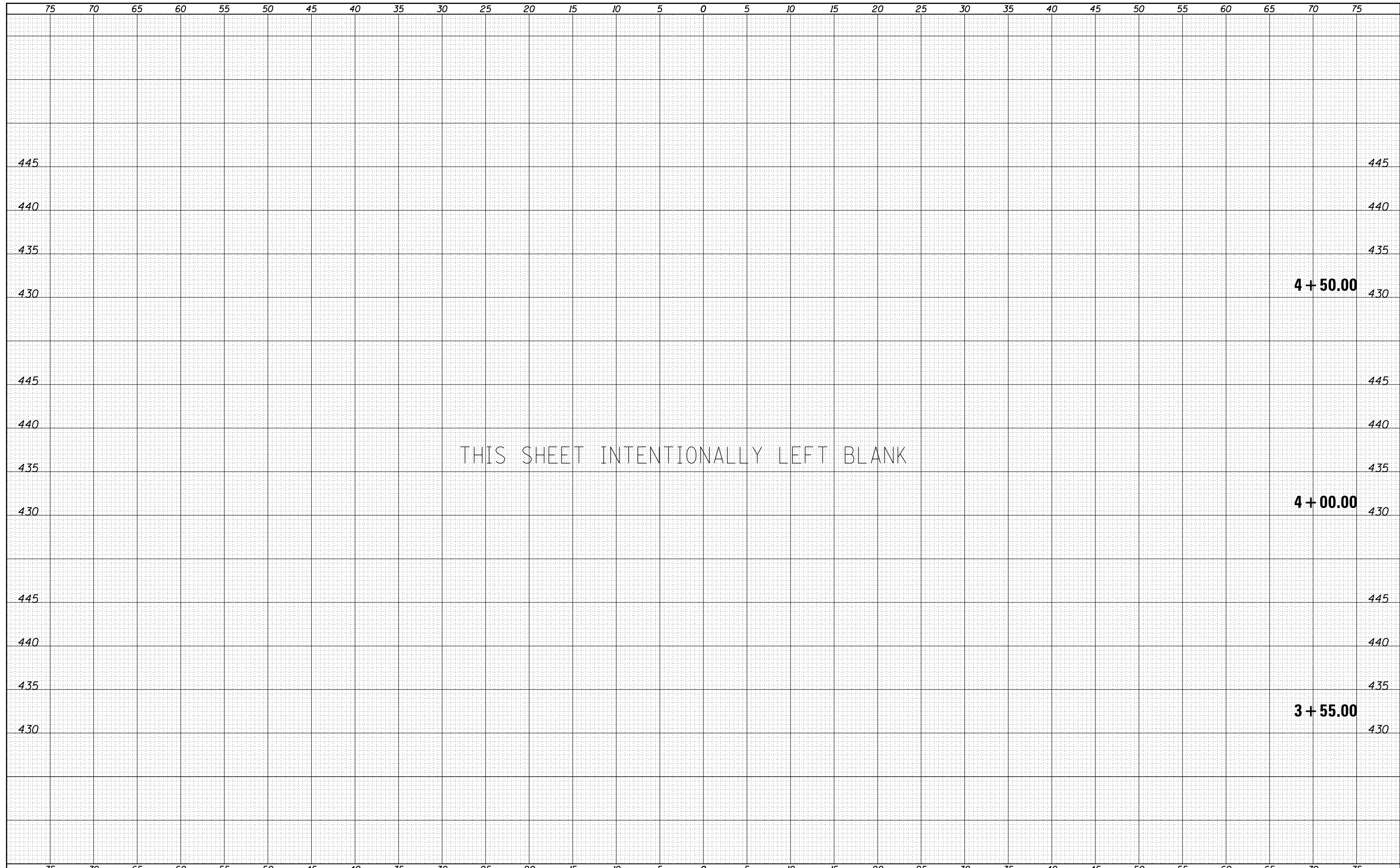
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS - KIRK LN**

SCALE: SHEET 21 OF 21 SHEETS STA. 26+25.00 TO STA. 26+75.00

DATE	
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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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	AREAS
	CHECKED

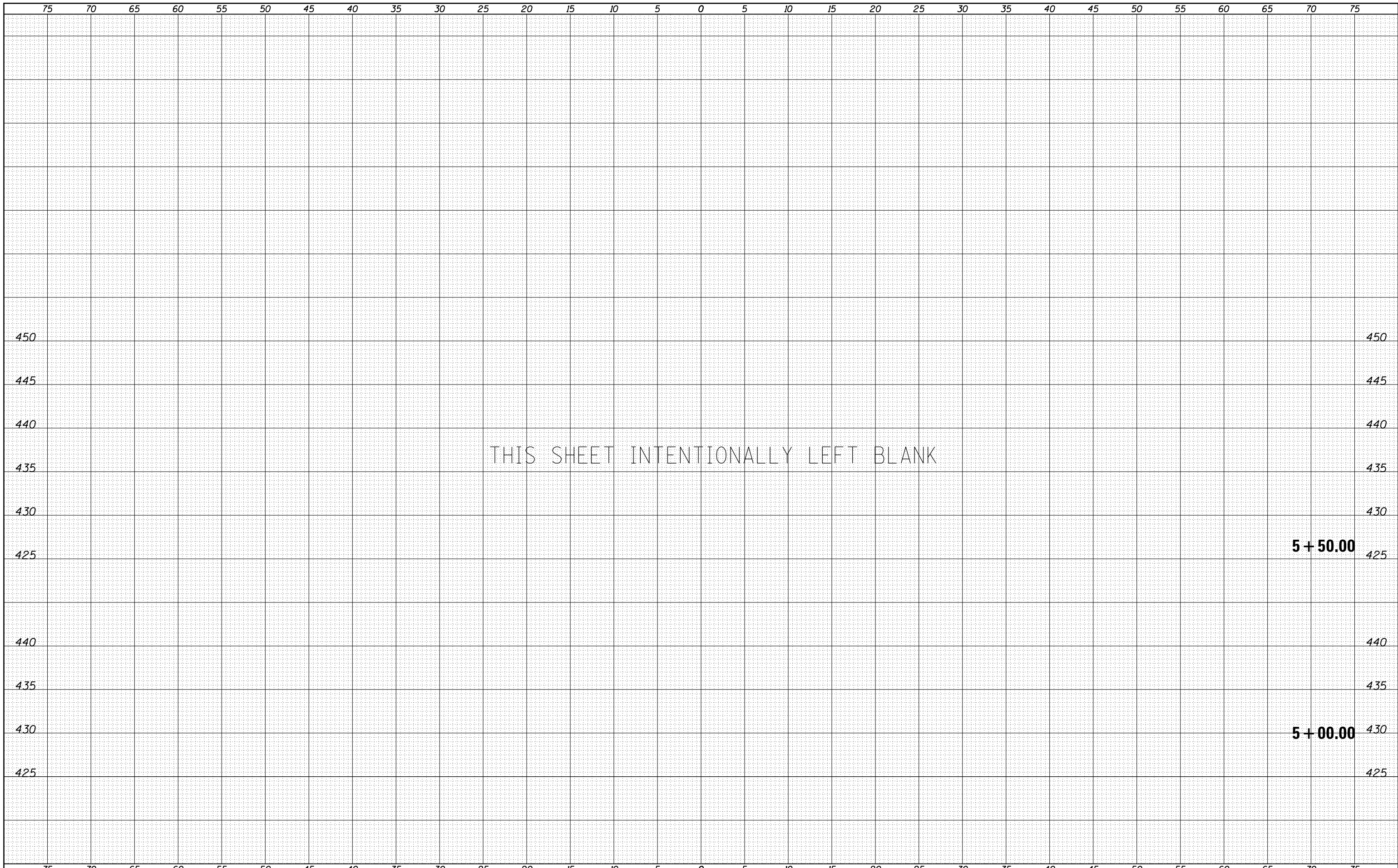
DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED



FILE NAME =	USER NAME = brandonja	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS - MAIN ST. SOUTH</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
es:\pw_work\pwidot\brandonja\d0292803\78298-sh	2-xsectionsmain.dgn	DRAWN -	REVISED -			331	(1-3)R-4	WILLIAMSON	62	59	
Default	PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -			CONTRACT NO. 78298		ILLINOIS FED. AID PROJECT			
	PLOT DATE = 5/29/2013	DATE -	REVISED -			SCALE:	SHEET 1 OF 4 SHEETS	STA. 3+55.00 TO STA. 4+50.00			

DATE	
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TEMPLATE	
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FINAL SURVEY NOTE BOOK NO.	

DATE	
BY	
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TEMPLATE	
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ORIGINAL SURVEY NOTE BOOK NO.	

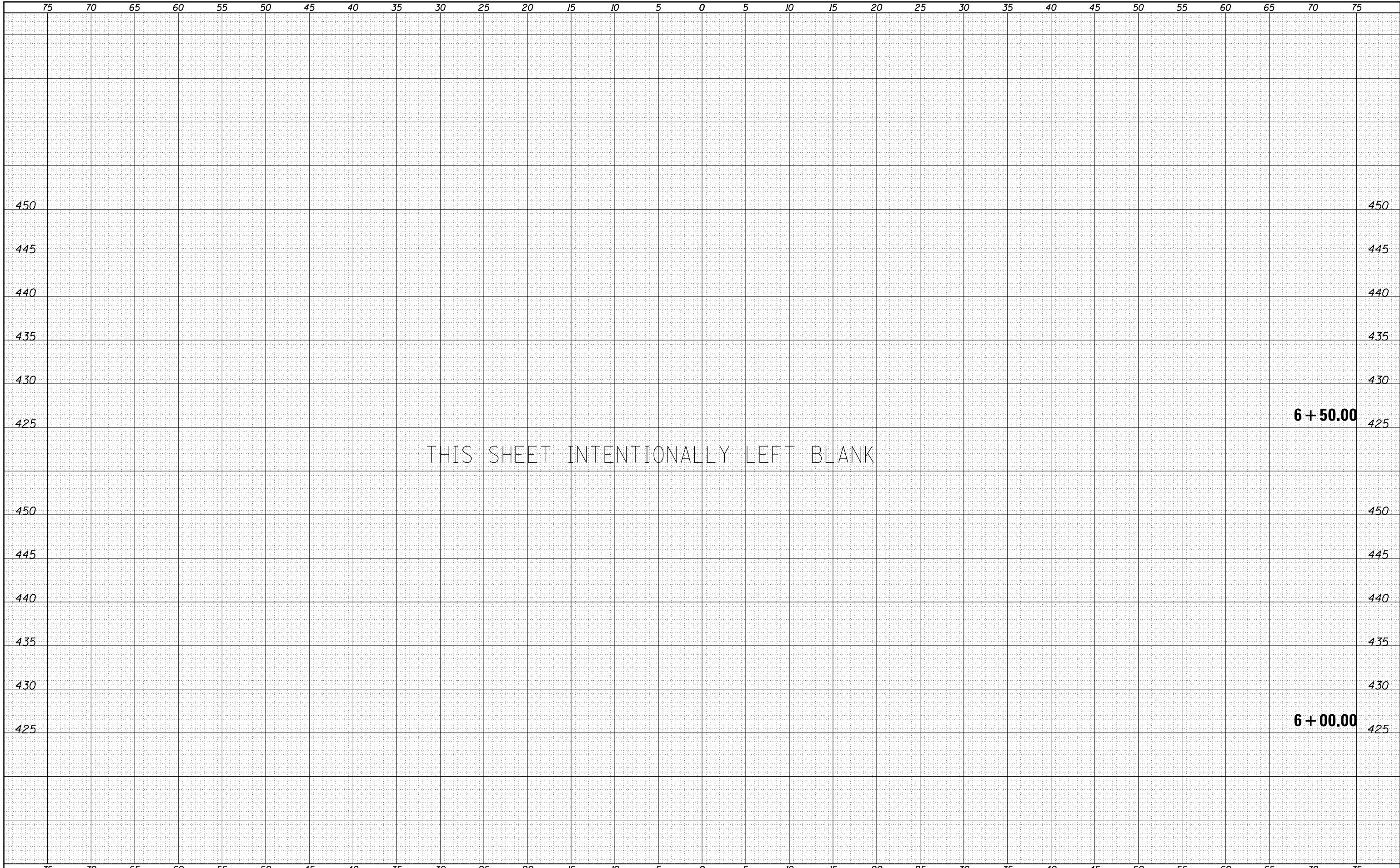


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5 + 50.00

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FILE NAME =	USER NAME = brandonja	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS - MAIN ST. SOUTH	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pw_work\pwidot\brandonja\0292803\78298-sh	2-xsectionsmain.dgn	DRAWN -	REVISED -			331	(1-3)R-4	WILLIAMSON	62	60
Default	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 78298		ILLINOIS FED. AID PROJECT		
	PLOT DATE = 5/29/2013	DATE -	REVISED -			SCALE:	SHEET 2 OF 4 SHEETS	STA. 5+00.00 TO STA. 5+50.00		



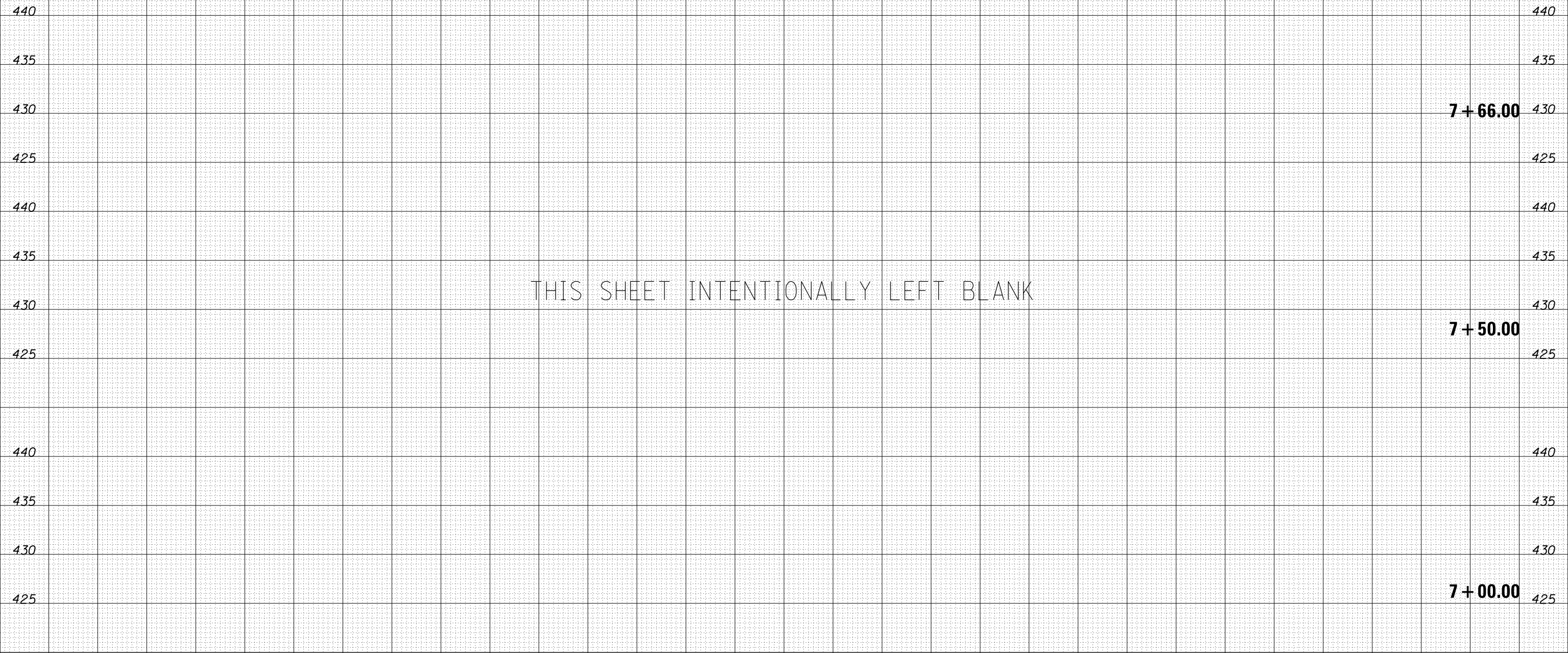
BY	DATE
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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	AREAS CHECKED

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

FILE NAME =	USER NAME = brandonja	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS - MAIN ST. SOUTH</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pw_work\pwidot\brandonja\d0292803\78298-sh	2-xsectionsmain.dgn	DRAWN -	REVISED -		331	(1-3)R-4	WILLIAMSON	62	61			
Default	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -		SCALE: SHEET 3 OF 4 SHEETS STA. 6+00.00 TO STA. 6+50.00			CONTRACT NO. 78298				
	PLOT DATE = 5/29/2013	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				

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

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



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

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

FILE NAME =	USER NAME = brandonja	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS - MAIN ST. SOUTH</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pw_work\pwidot\brandonja\d0292803\78298-sh	2-xsectionsmain.dgn	DRAWN -	REVISED -				331	(1-3)R-4	WILLIAMSON	62	62
Default	PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -		SCALE: SHEET 4 OF 4 SHEETS STA. 7+00.00 TO STA. 7+66.00		CONTRACT NO. 78298		ILLINOIS FED. AID PROJECT		
	PLOT DATE = 5/29/2013	DATE -	REVISED -								