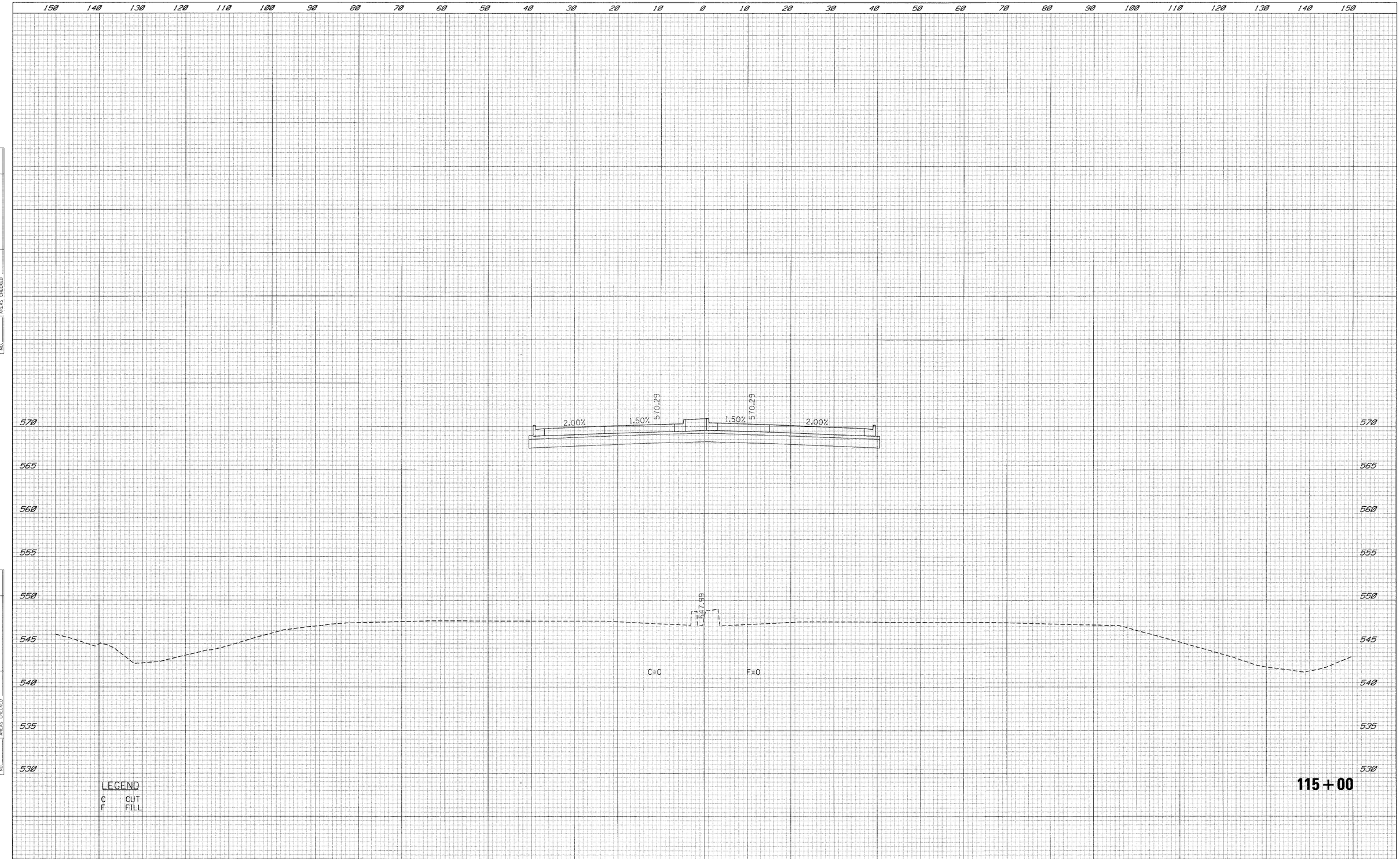
FINAL SURVEY	DATE
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS	
NO.	AREAS CHECKED

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

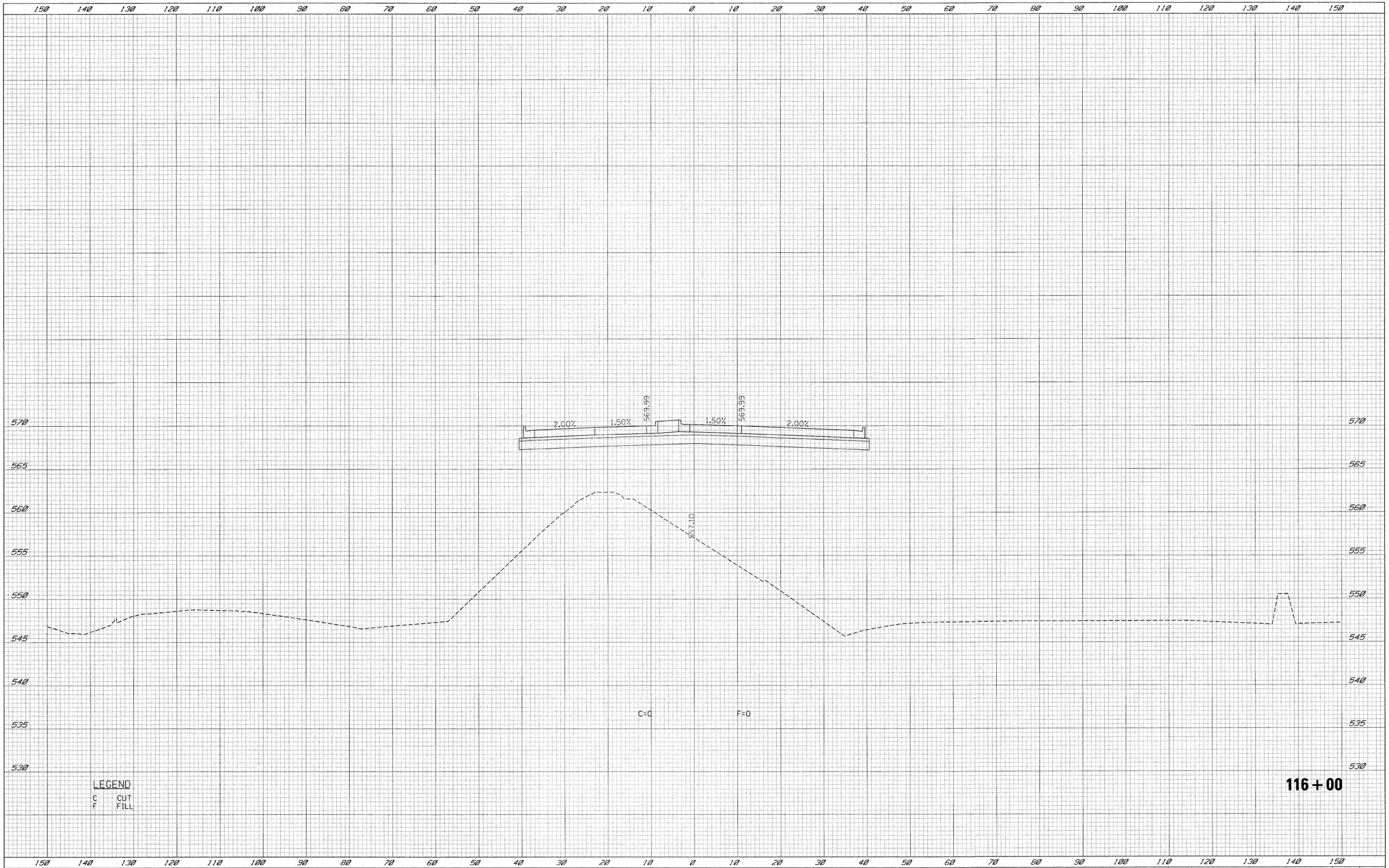


FILE NAME = t:\c1812\cadd sheets\D366408-sht-XSCB-rs.dgn	USER NAME = _USER_	DESIGNED - LG	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BRISBIN CROSS SECTIONS			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - LG	REVISED -					•	(32,47-4) HBK-4 & G(N)	GRUNDY	351	201
	PLOT SCALE = $SCALE$	CHECKED - AKK	REVISED -							CONTRACT NO. 66408		
	PLOT DATE = 5/19/2010	DATE - 5/19/2010	REVISED -		SCALE: H: 1"=10' V: 1"=5'	SHEET NO. 201 OF 351 SHEETS	STA. 115+00 TO STA. 115+00		ILLINOIS	FED. AID PROJECT		

• FAI 80 & FAS 297 / FAU 392

FINAL SURVEY	NOTE BOOK	NO.
SURVEYED		
PLOTTED		
TYPE RATE		
AREAS		
AREAS CHECKED		

ORIGINAL SURVEY	NOTE BOOK	NO.
SURVEYED		
PLOTTED		
TYPE RATE		
AREAS		
AREAS CHECKED		



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		DRAWN - LG	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - AKK	REVISED -
	PLOT DATE = 5/19/2010	DATE - 5/19/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BRISBIN CROSS SECTIONS

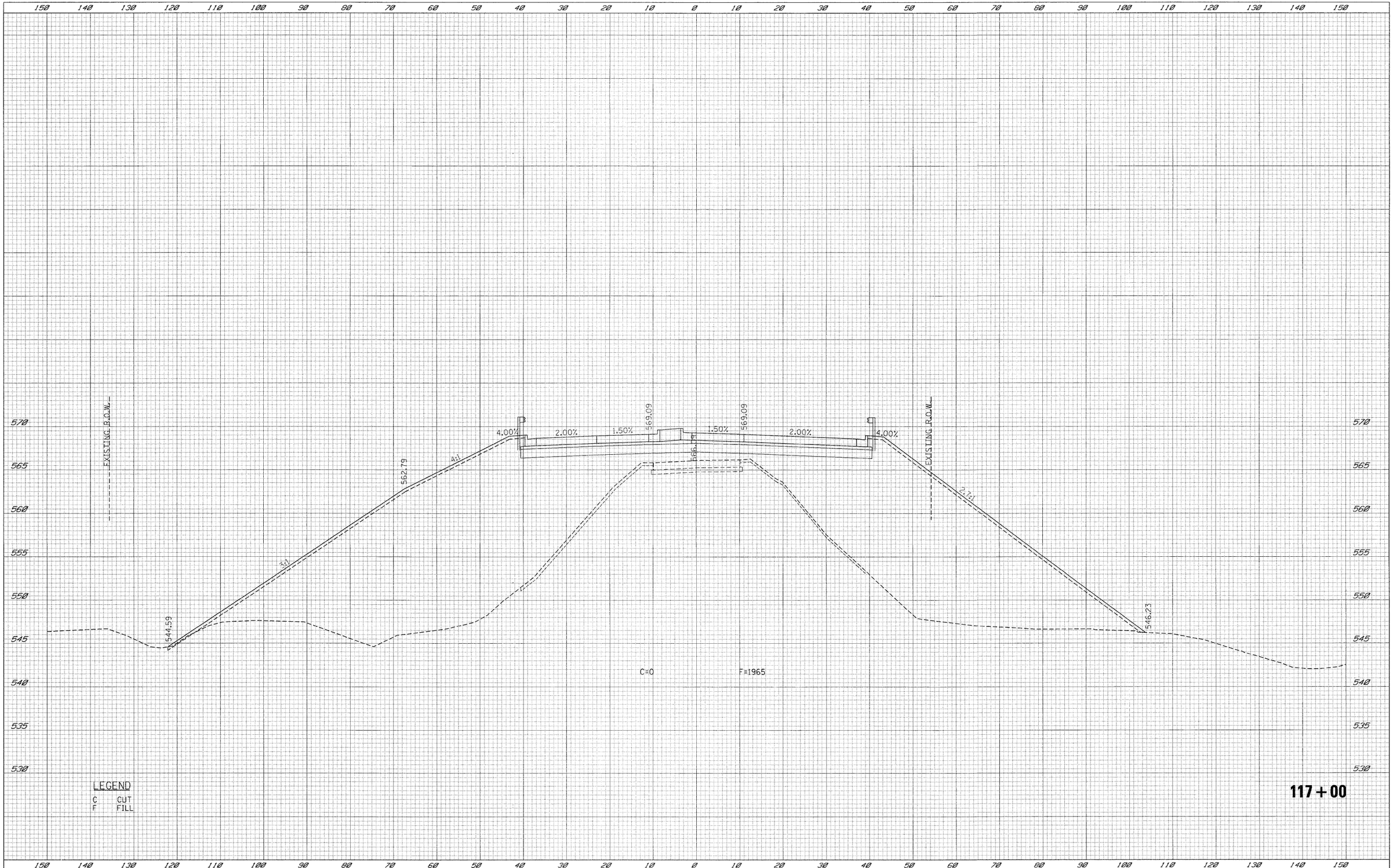
SCALE: H: 1"=10' V: 1"=5' | SHEET NO. 202 OF 351 SHEETS | STA. 116+00 | TO STA. 116+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(32,47-4) HBK-4 & GIN)	GRUNDY	351	202
		CONTRACT NO. 66408		
	ILLINOIS FED. AID PROJECT			

• FAI 80 & FAS 297 / FAU 392

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

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



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	PLOT DATE = 5/19/2010	DATE - 5/19/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BRISBIN CROSS SECTIONS

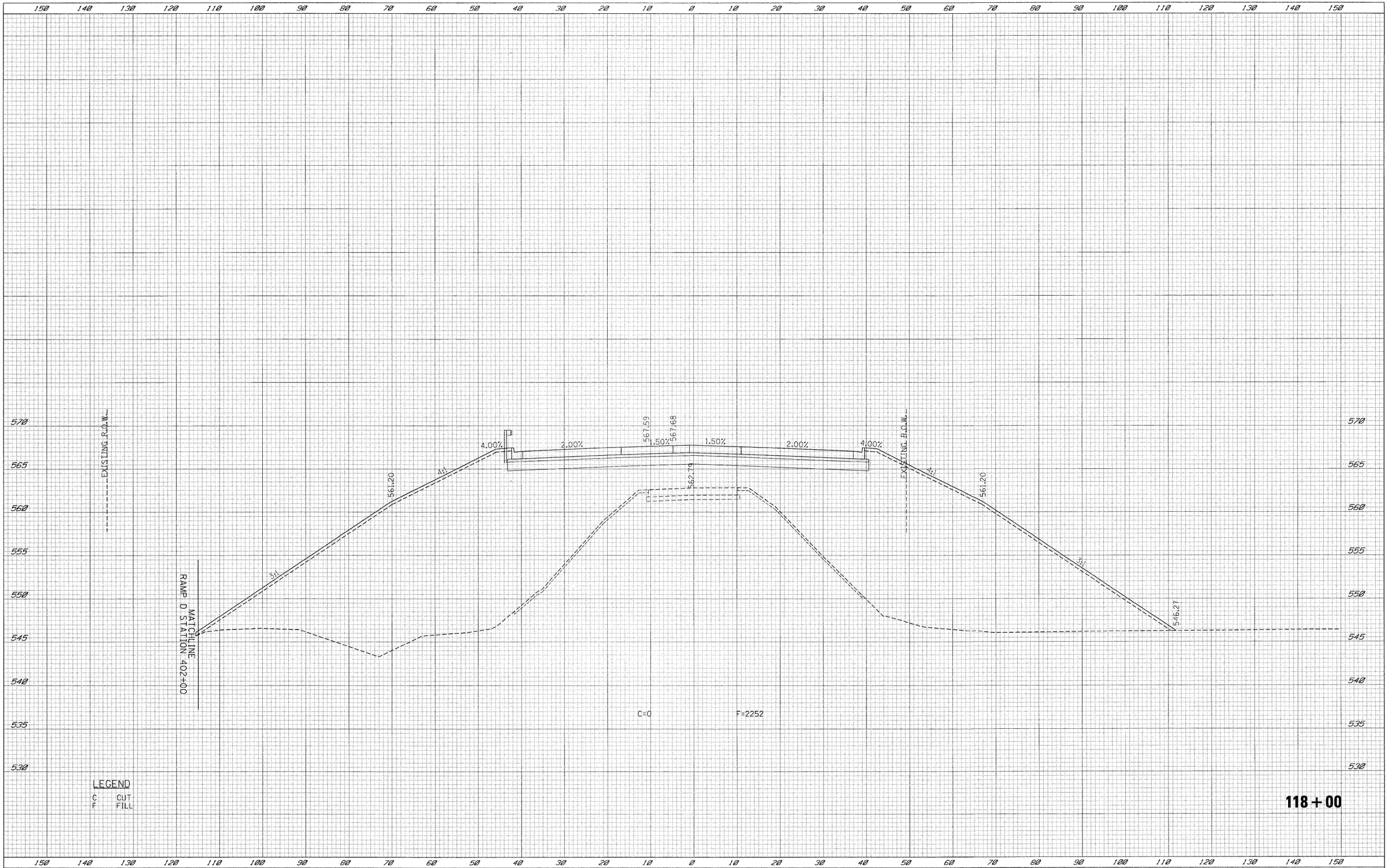
SCALE: H: 1"=10' V: 1"=5' | SHEET NO. 203 OF 351 SHEETS | STA. 117+00 | TO STA. 117+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(32,47-4) HBK-4 & G(N)	GRUNDY	351	203
		CONTRACT NO. 66408		
	ILLINOIS FED. AID PROJECT			

• FAI 80 & FAS 297 / FAU 392

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

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



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	PLOT SCALE = $SCALE$	CHECKED - AKK	REVISED -
	PLOT DATE = 5/19/2010	DATE - 5/19/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BRISBIN CROSS SECTIONS

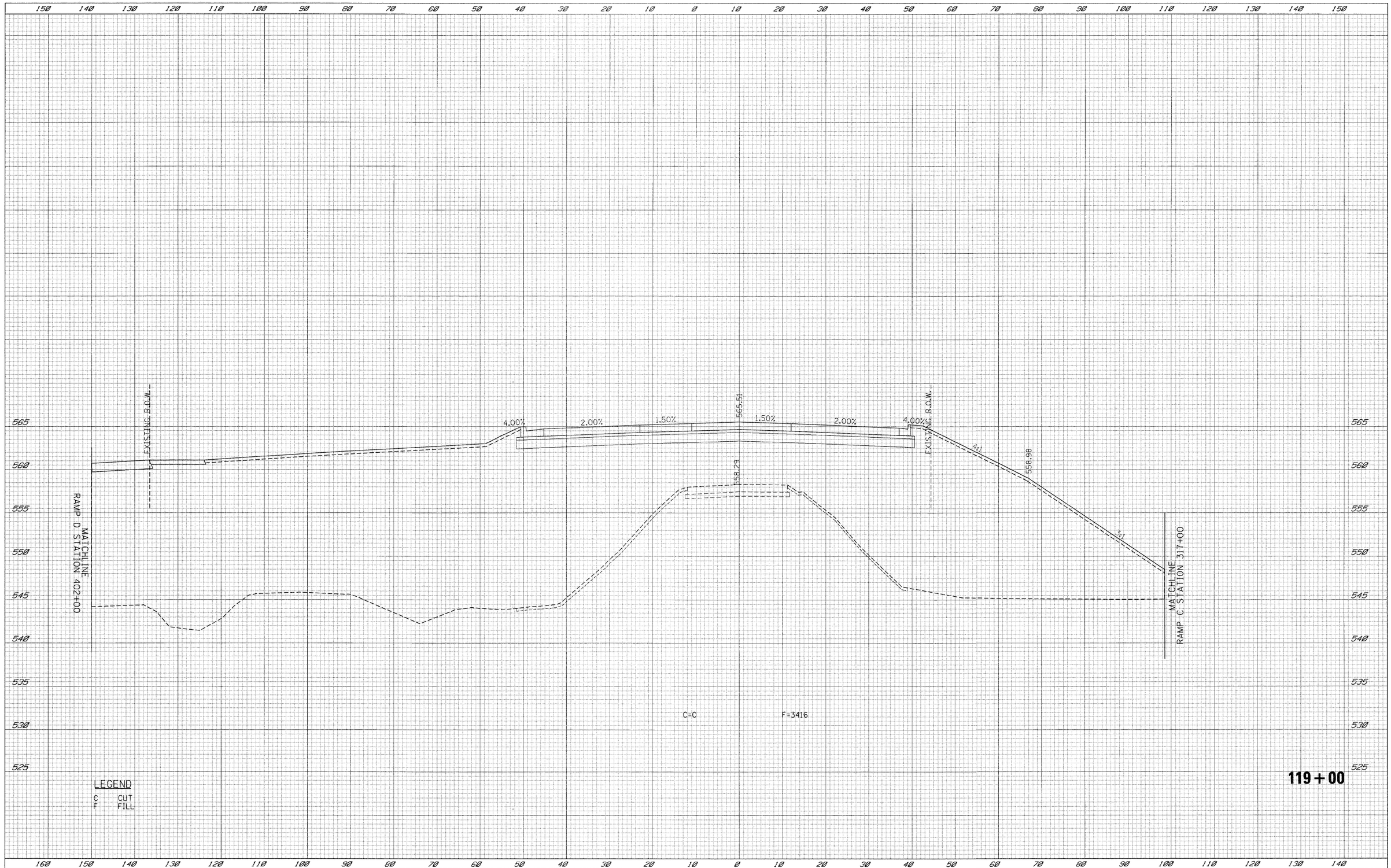
SCALE: H: 1"=10' V: 1"=5' | SHEET NO. 204 OF 351 SHEETS | STA. 118+00 | TO STA. 118+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(32,47-4) HBK-4 & G(N)	GRUNDY	351	204
		CONTRACT NO. 66408		
	ILLINOIS FED. AID PROJECT			

• FAI 80 & FAS 297 / FAU 392

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

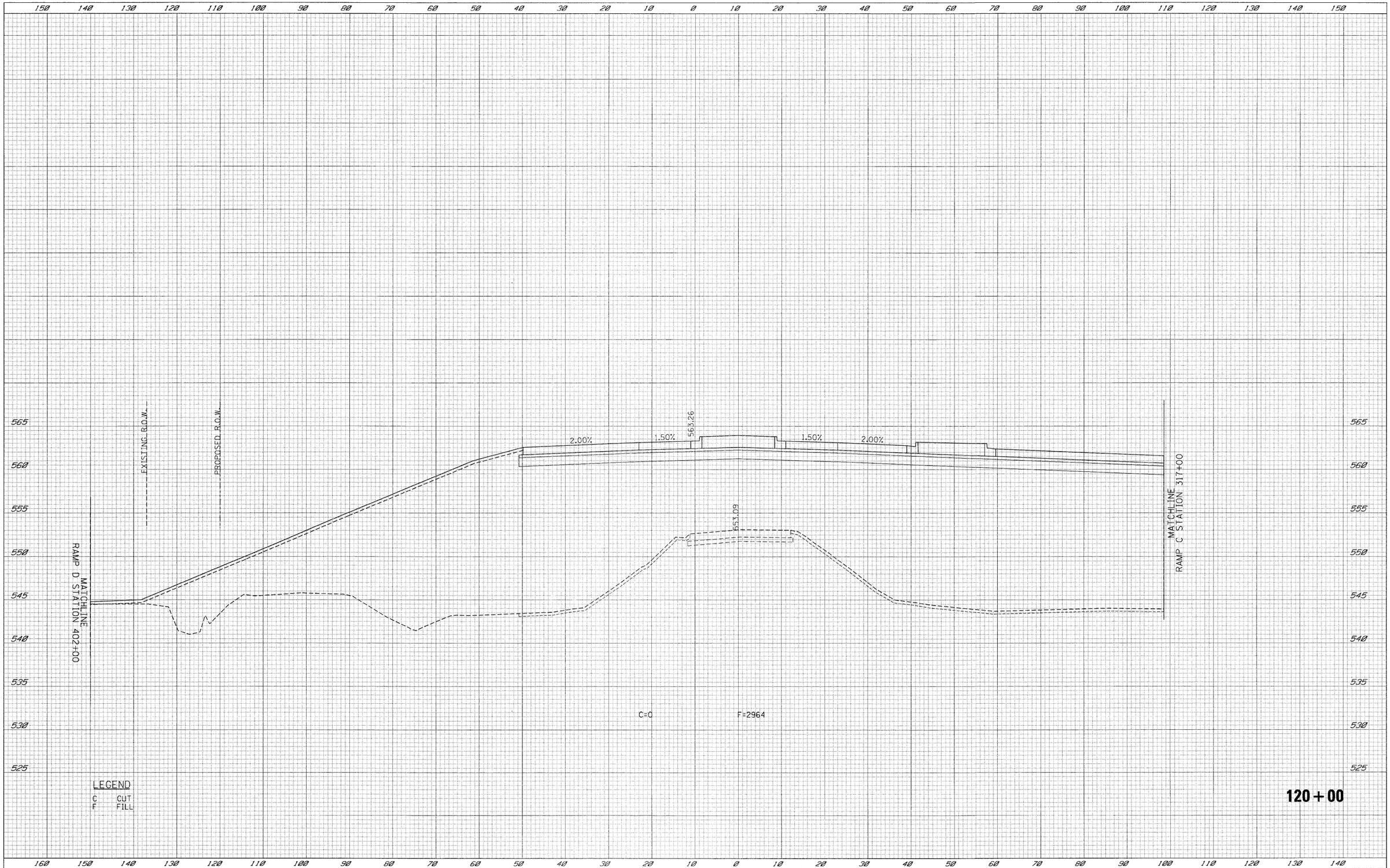
ORIGINAL SURVEY		BY	DATE
	SURVEYED		
	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS		
	AREAS CHECKED		



| | | |

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

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



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	PLOT DATE = 5/19/2010	DATE - 5/19/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BRISBIN CROSS SECTIONS

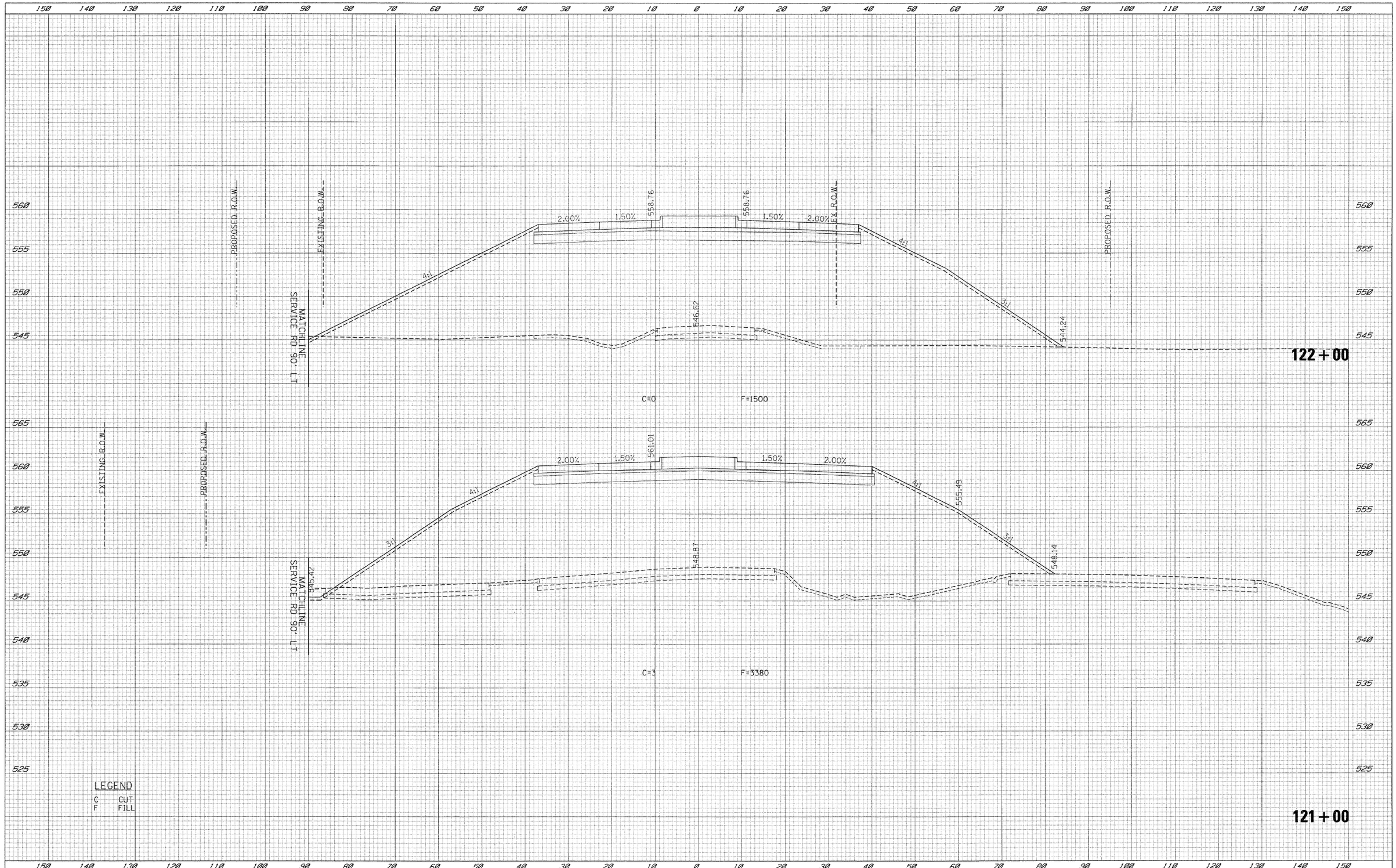
SCALE: H: 1"=10' V: 1"=5' | SHEET NO. 206 OF 351 SHEETS | STA. 120+00 | TO STA. 120+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(32,47-4) HBK-4 & G(N)	GRUNDY	351	206
		CONTRACT NO. 66408		
	ILLINOIS FED. AID PROJECT			

• FAI 80 & FAS 297 / FAU 392

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

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



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	PLOT DATE = 5/19/2010	DATE - 5/19/2010	REVISED -

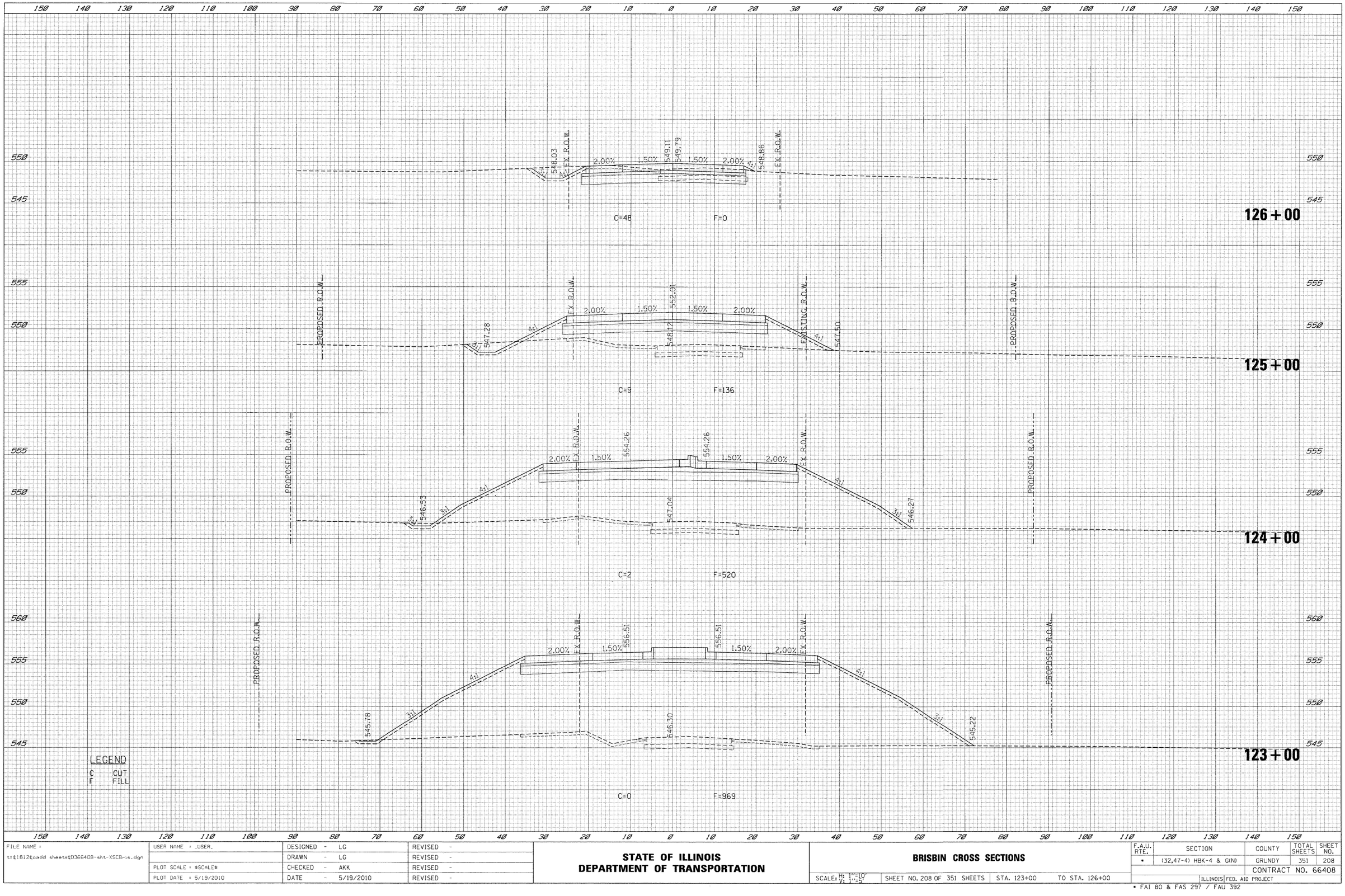
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BRISBIN CROSS SECTIONS

SCALE: H: 1"=10' V: 1"=5' | SHEET NO. 207 OF 351 SHEETS | STA. 121+00 | TO STA. 122+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(32,47-4) HBK-4 & GIN)	GRUNDY	351	207
		CONTRACT NO. 66408		
	ILLINOIS FED. AID PROJECT			

* FAI 80 & FAS 297 / FAU 392



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		DRAWN - LG	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - AKK	REVISED -
	PLOT DATE = 5/19/2010	DATE - 5/19/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BRISBIN CROSS SECTIONS

SCALE: H: 1"=10' V: 1"=5' | SHEET NO. 208 OF 351 SHEETS | STA. 123+00 | TO STA. 126+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(32,47-4) HBK-4 & G(N)	GRUNDY	351	208
		CONTRACT NO. 66408		
	ILLINOIS FED. AID PROJECT			

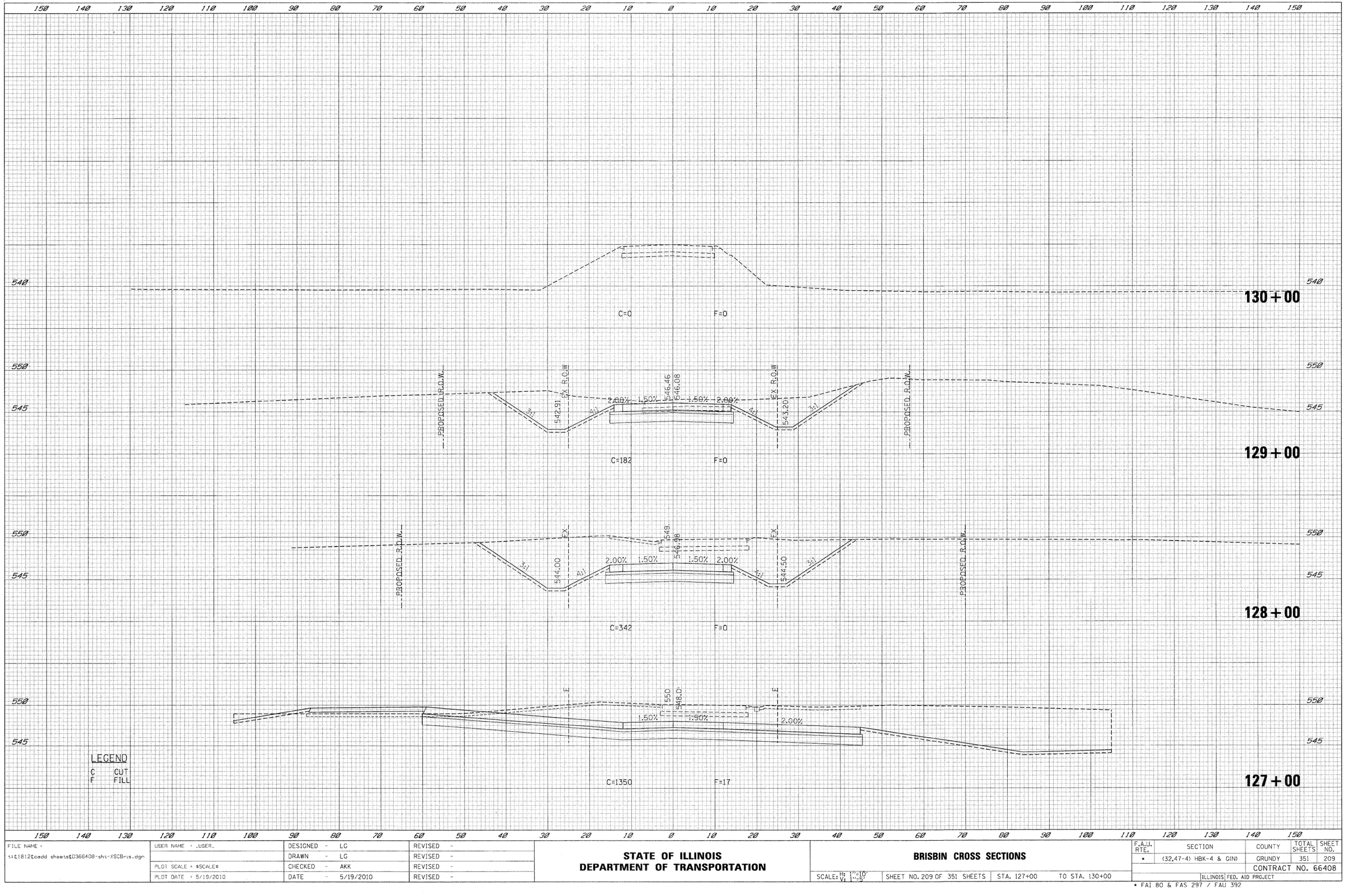
• FAI 80 & FAS 297 / FAU 392

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

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

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

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



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	PLOT DATE = 5/19/2010	DATE - 5/19/2010	REVISED -

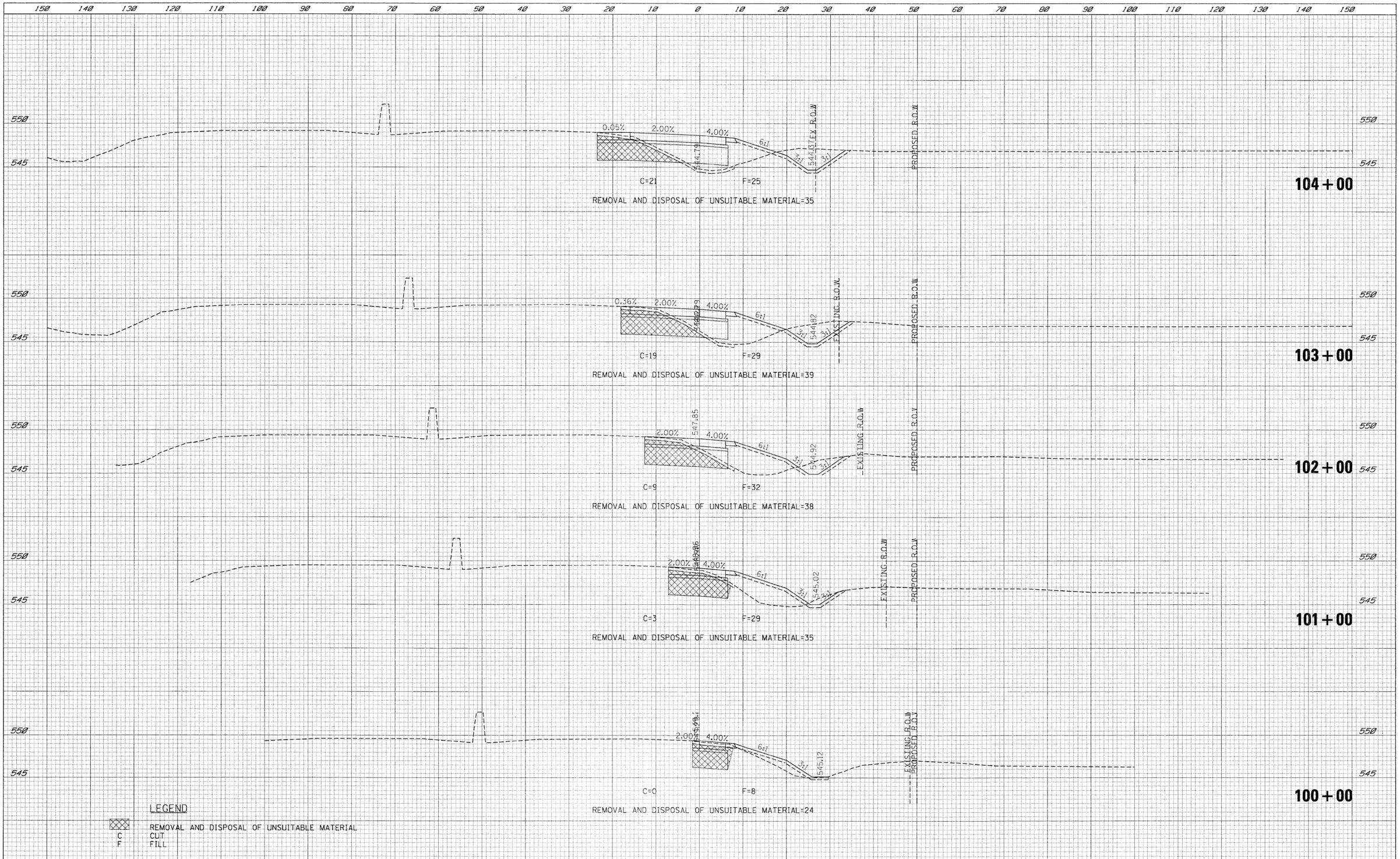
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BRISBIN CROSS SECTIONS

SCALE: H: 1"=10' V: 1"=5' | SHEET NO. 209 OF 351 SHEETS | STA. 127+00 TO STA. 130+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(32,47-4) HBK-4 & G(N)	GRUNDY	351	209
		CONTRACT NO. 66408		
	ILLINOIS FED. AID PROJECT			

* FAI 80 & FAS 297 / FAU 392



DATE	BY	
		SURVEYED
		PLOTTED
		TEMPLATE
		AREAS
		AREAS CHECKED

FINAL SURVEY — NOTE BOOK — NO.

ORIGINAL SURVEY — NOTE BOOK — NO.

FILE NAME = t:\1812\cadd sheets\D366408-sht-XSCRampA.dgn	USER NAME = _USER_	DESIGNED - LG	REVISED -
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	PLOT DATE = 5/19/2010	DATE - 5/19/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RAMP A CROSS SECTIONS

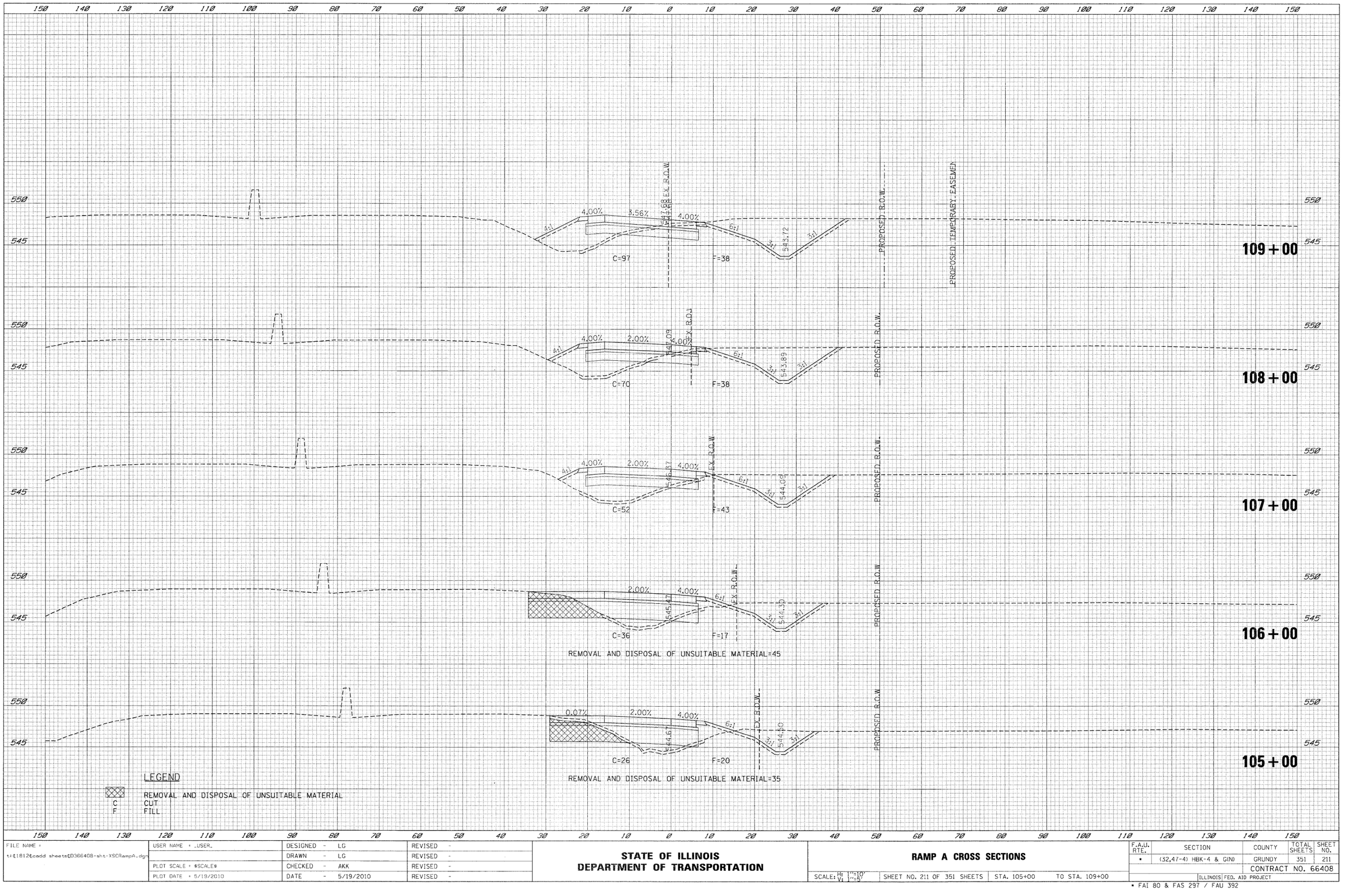
SCALE: H: 1"=10' V: 1"=5' | SHEET NO. 210 OF 351 SHEETS | STA. 100+00 TO STA. 104+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(32,47-4) HBK-4 & GIN)	GRUNDY	351	210
		CONTRACT NO. 66408		
	ILLINOIS FED. AID PROJECT			

• FAI 80 & FAS 297 / FAU 392

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

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



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	PLOT DATE = 5/19/2010	DATE - 5/19/2010	REVISED -

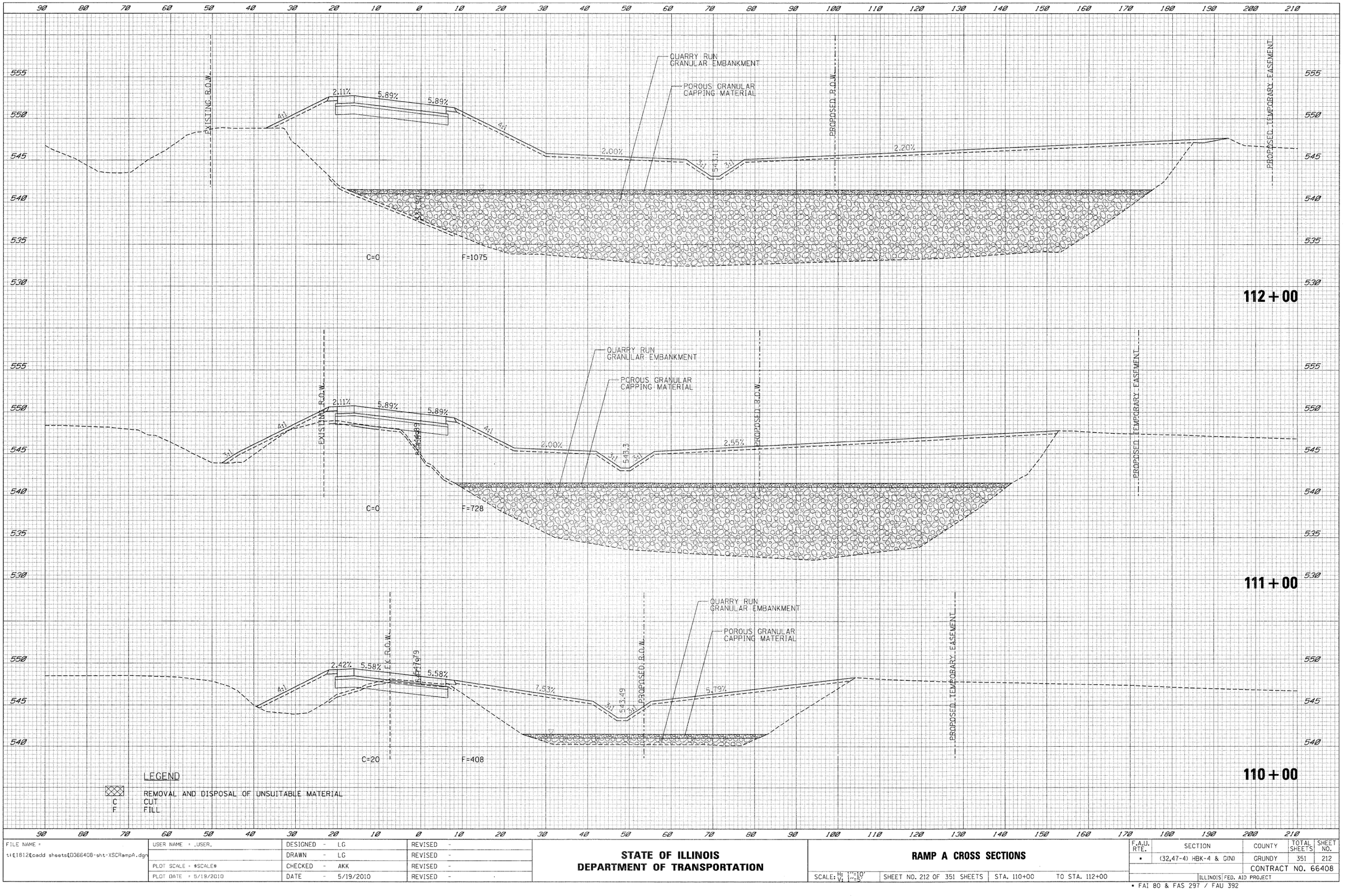
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RAMP A CROSS SECTIONS

SCALE: H: 1"=10' V: 1"=5' | SHEET NO. 211 OF 351 SHEETS | STA. 105+00 | TO STA. 109+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(32,47-4) HBK-4 & GIN)	GRUNDY	351	211
		CONTRACT NO. 66408		
	ILLINOIS FED. AID PROJECT			

* FAI 80 & FAS 297 / FAU 392



LEGEND

REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
C CUT
F FILL

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

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

FILE NAME =	USER NAME = _USER_	DESIGNED - LG	REVISED -
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	PLOT SCALE = $SCALE$	CHECKED - AKK	REVISED -
	PLOT DATE = 5/19/2010	DATE - 5/19/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RAMP A CROSS SECTIONS

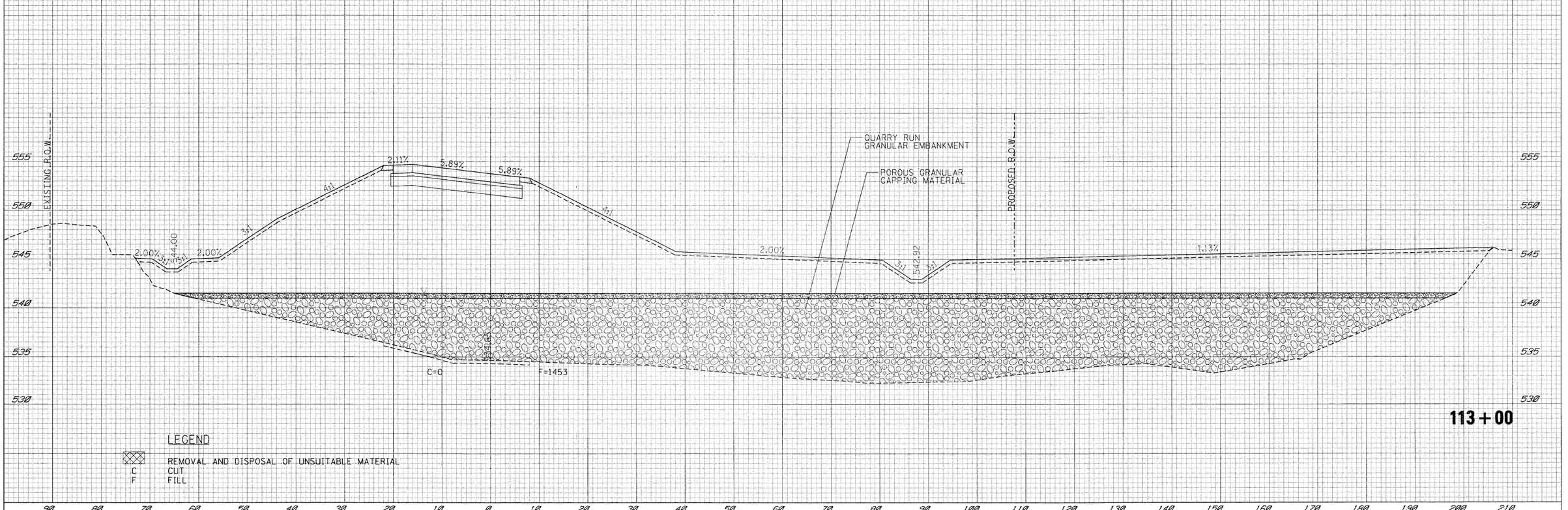
SCALE: H: 1"=10' V: 1"=5' | SHEET NO. 212 OF 351 SHEETS | STA. 110+00 | TO STA. 112+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(32,47-4) HBK-4 & GIN)	GRUNDY	351	212
		CONTRACT NO. 66408		
	ILLINOIS FED. AID PROJECT			

• FAI 80 & FAS 297 / FAU 392

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

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



LEGEND

REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
C CUT
F FILL

FILE NAME = t:\&1812$cadd sheets$D366408-sht-XSCRampA.dgn	USER NAME = _USER_	DESIGNED - LG	REVISED -
		DRAWN - LG	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - AKK	REVISED -
	PLOT DATE = 5/19/2010	DATE - 5/19/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

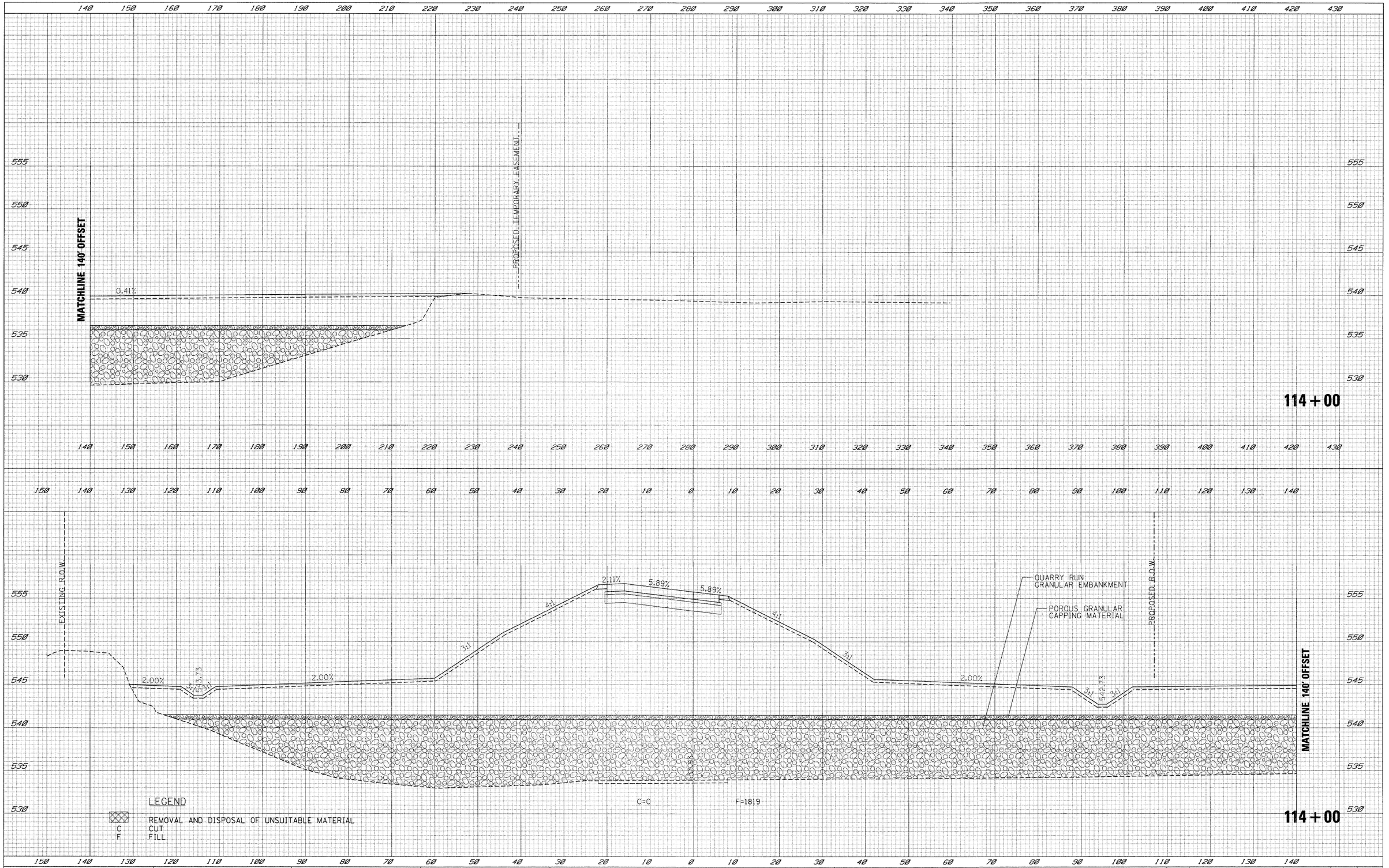
RAMP A CROSS SECTIONS

SCALE: H: 1"=10' V: 1"=5' | SHEET NO. 213 OF 351 SHEETS | STA. 113+00 | TO STA. 113+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(32,47-4) HBK-4 & GIN)	GRUNDY	351	213
		CONTRACT NO. 66408		
	ILLINOIS FED. AID PROJECT			

• FAI 80 & FAS 297 / FAU 392

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



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

FILE NAME = t:\c1812\cadd sheets\D366408-sht-XSCRampA.dgn	USER NAME = _USER_	DESIGNED - LG	REVISED -
		DRAWN - LG	REVISED -
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	PLOT DATE = 5/19/2010	DATE - 5/19/2010	REVISED -

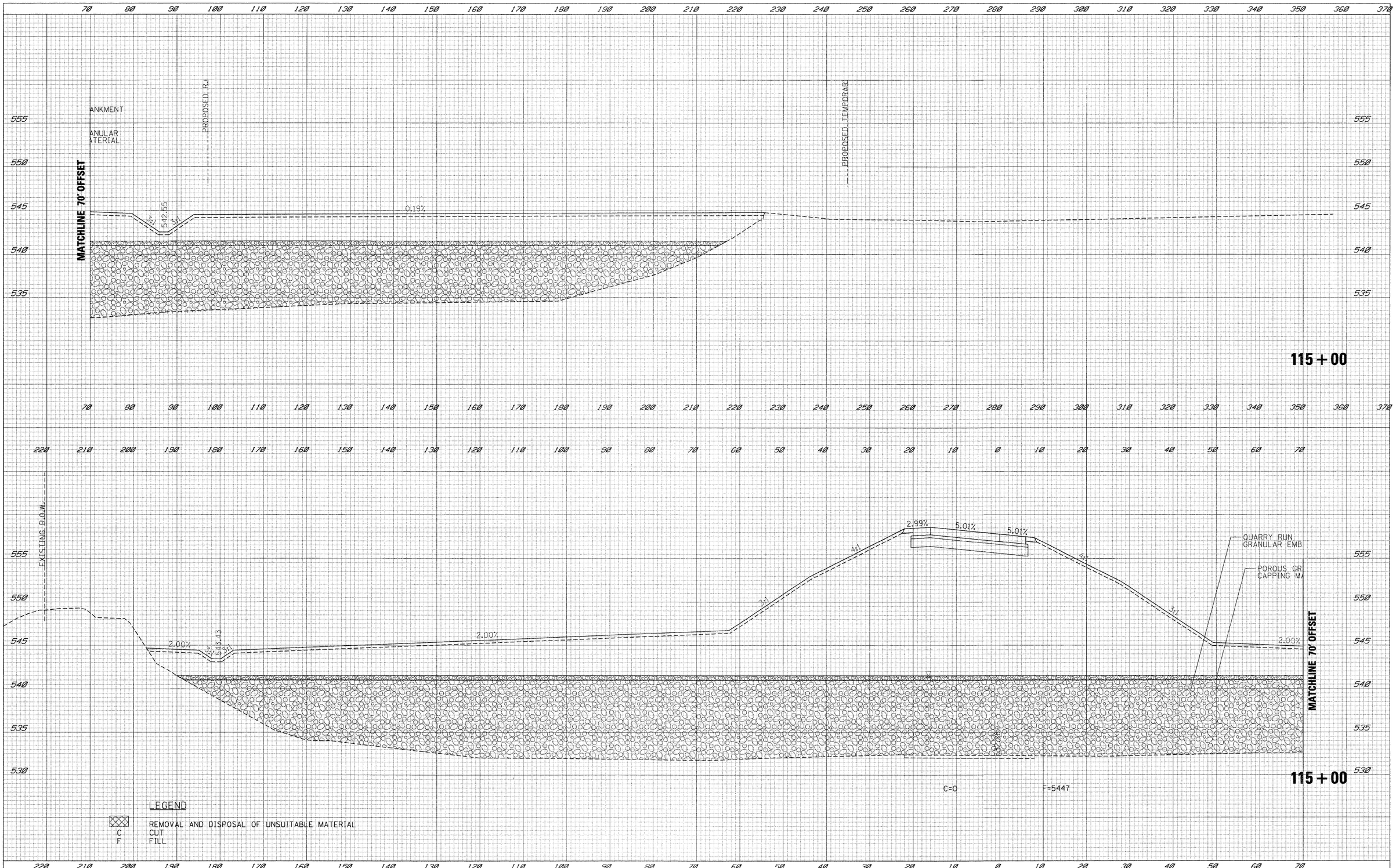
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RAMP A CROSS SECTIONS

SCALE: H: 1"=10' V: 1"=5' | SHEET NO. 214 OF 351 SHEETS | STA. 114+00 | TO STA. 114+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(32,47-4) HBK-4 & GIN)	GRUNDY	351	214
		CONTRACT NO. 66408		
	ILLINOIS FED. AID PROJECT			

• FAI 80 & FAS 297 / FAU 392



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

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

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		DRAWN - LG	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - AKK	REVISED -
	PLOT DATE = 5/19/2010	DATE - 5/19/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RAMP A CROSS SECTIONS

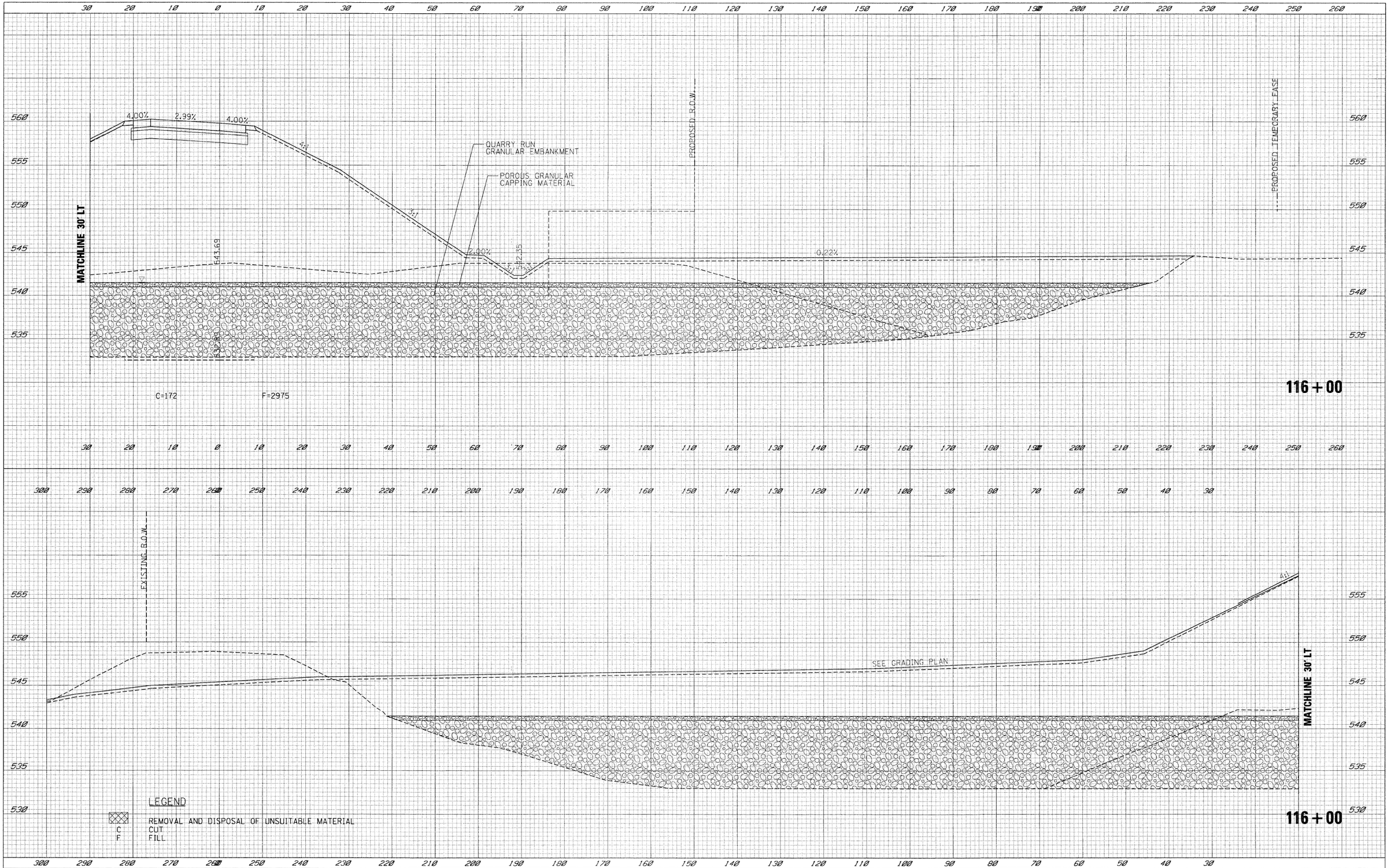
SCALE: H: 1"=10' V: 1"=5' | SHEET NO. 215 OF 351 SHEETS | STA. 115+00 | TO STA. 115+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(32,47-4) HBK-4 & G(N)	GRUNDY	351	215
		CONTRACT NO. 66408		
	ILLINOIS FED. AID PROJECT			

• FAI 80 & FAS 297 / FAU 392

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

MATCHLINE 140' OFFSET



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

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		DRAWN - LG	REVISED -
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	PLOT DATE = 5/19/2010	DATE - 5/19/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

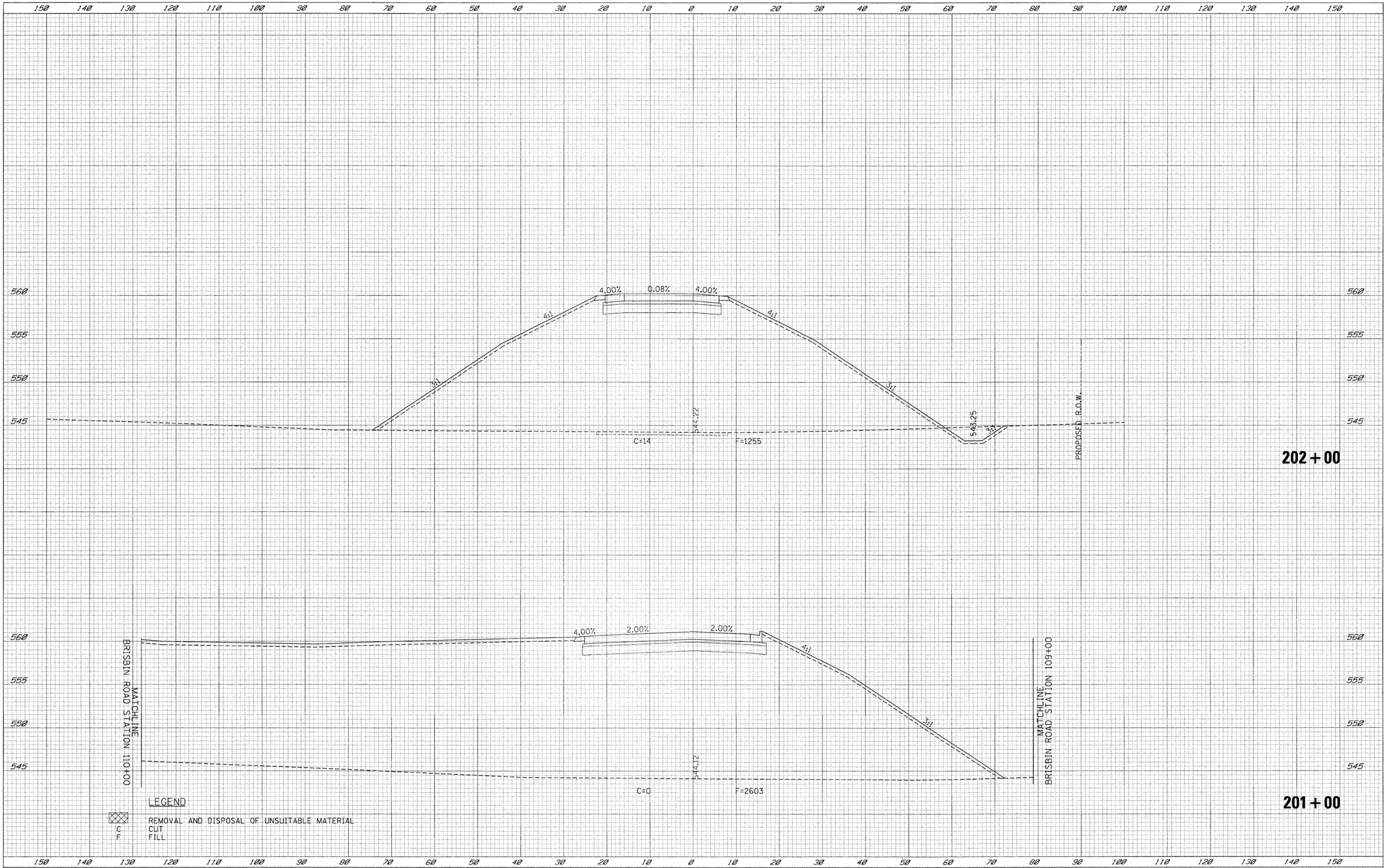
RAMP A CROSS SECTIONS

SCALE: H: 1"=10' V: 1"=5' | SHEET NO. 216 OF 351 SHEETS | STA. 116+00 | TO STA. 116+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(32,47-4) HBK-4 & GIN)	GRUNDY	351	216
		CONTRACT NO. 66408		
	ILLINOIS FED. AID PROJECT			

• FAI 80 & FAS 297 / FAU 392

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



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

FILE NAME = t:\61812\cadd sheets\D366408-sht-XSCRamp8.dgn	USER NAME = _USER_	DESIGNED - LG	REVISED -
		DRAWN - LG	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - AKK	REVISED -
	PLOT DATE = 5/19/2010	DATE - 5/19/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RAMP B CROSS SECTIONS

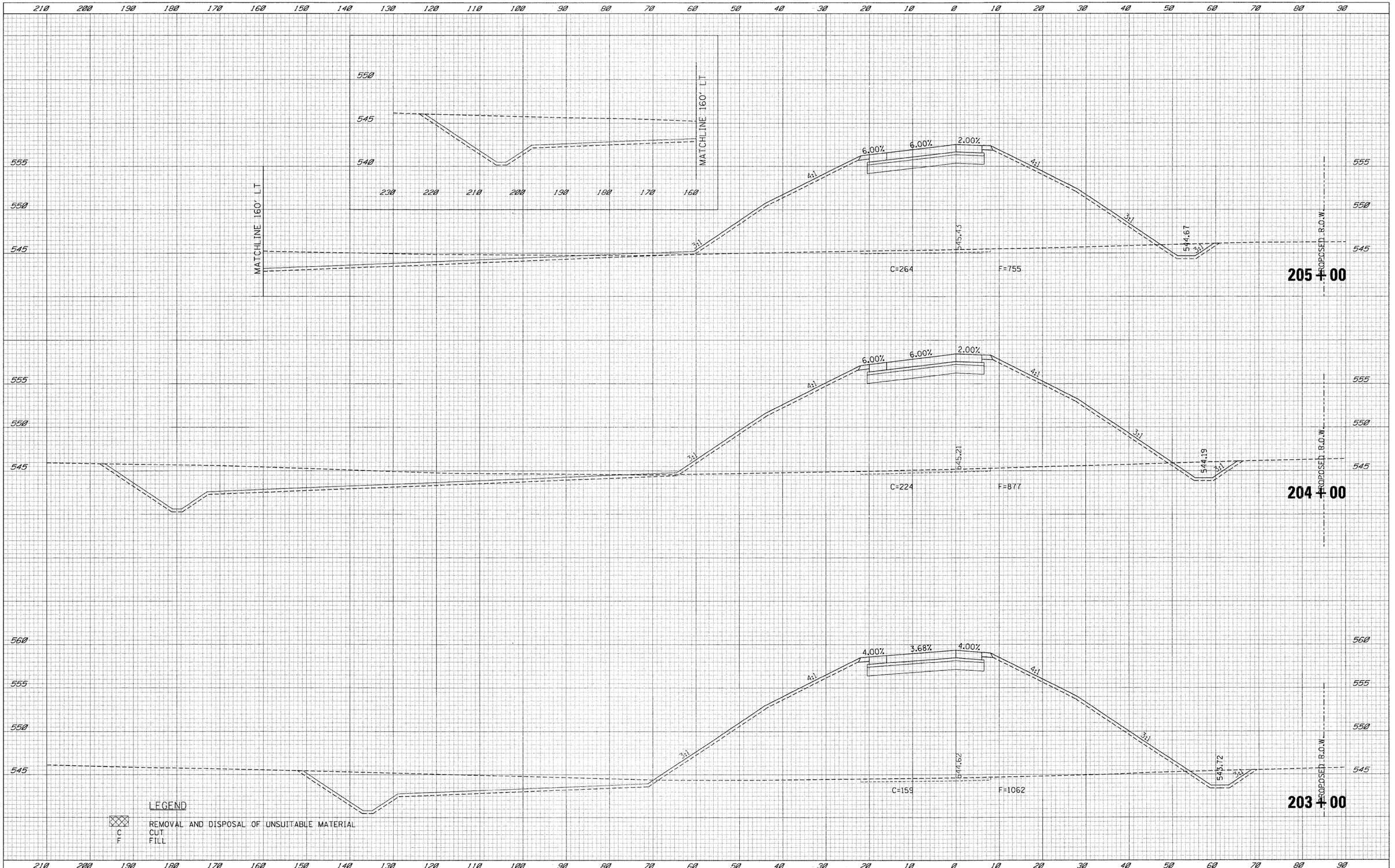
SCALE: H: 1"=10' V: 1"=5' | SHEET NO. 217 OF 351 SHEETS | STA. 201+00 | TO STA. 202+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(32,47-4) HBK-4 & GIN)	GRUNDY	351	217
		CONTRACT NO. 66408		
	ILLINOIS FED. AID PROJECT			

• FAI 80 & FAS 297 / FAU 392

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

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



LEGEND

REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL

C CUT

F FILL

FILE NAME = t:\1812\cadd sheets\D3866408-sht-XSCRampB.dgn	USER NAME = _USER_	DESIGNED - LG	REVISED -
		DRAWN - LG	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - AKK	REVISED -
	PLOT DATE = 5/19/2010	DATE - 5/19/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RAMP B CROSS SECTIONS

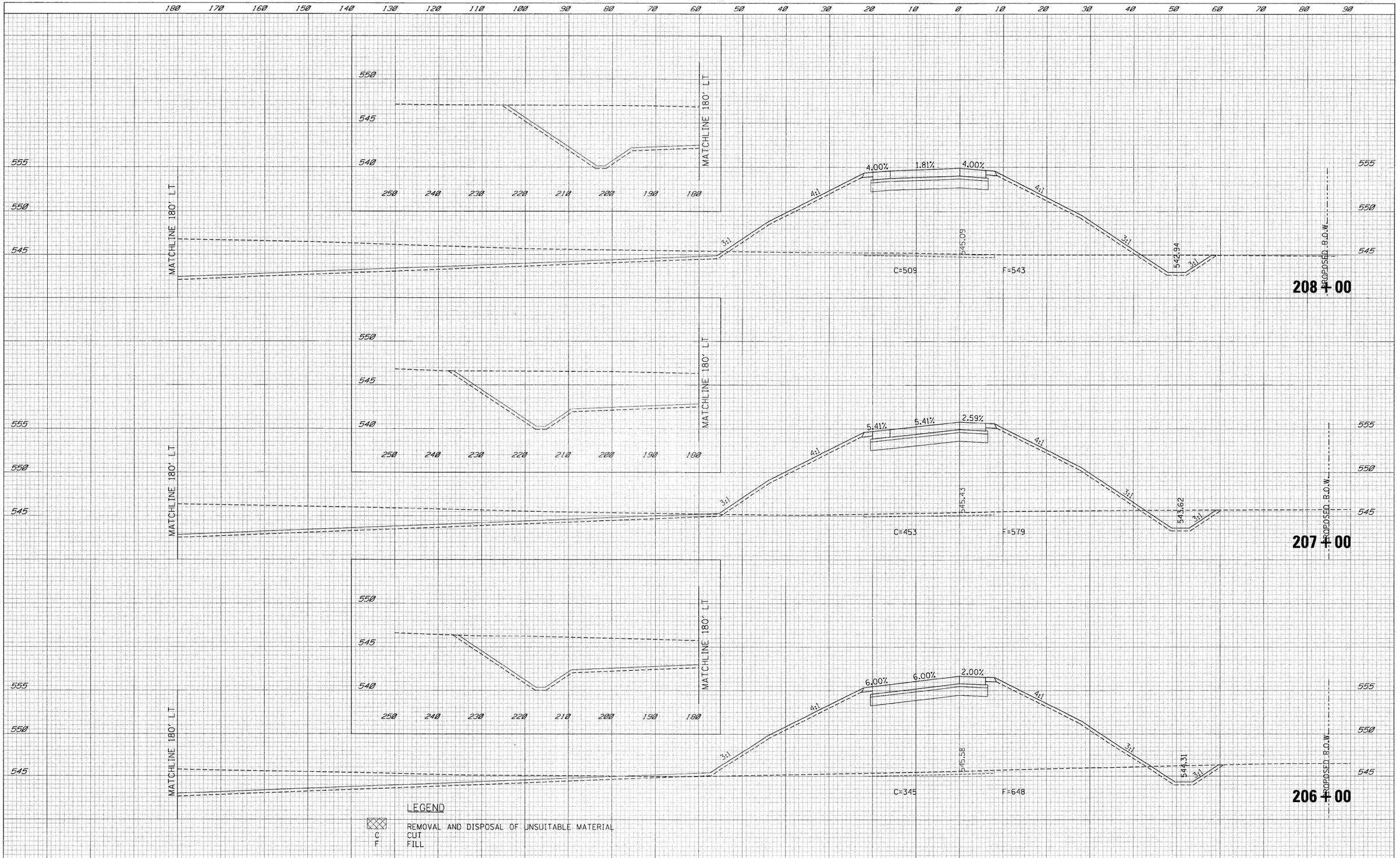
SCALE: H: 1"=10' V: 1"=5' | SHEET NO. 218 OF 351 SHEETS | STA. 203+00 | TO STA. 205+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(32,47-4) HBK-4 & GIN)	GRUNDY	351	218
		CONTRACT NO. 66408		
	ILLINOIS FED. AID PROJECT			

• FAI 80 & FAS 297 / FAU 392

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

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



FILE NAME = t:\c1812\cadd sheets\D366408-sht-XSCRampB.dgn	USER NAME = _USER_	DESIGNED - LG	REVISED -
		DRAWN - LG	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - AKK	REVISED -
	PLOT DATE = 5/19/2010	DATE - 5/19/2010	REVISED -

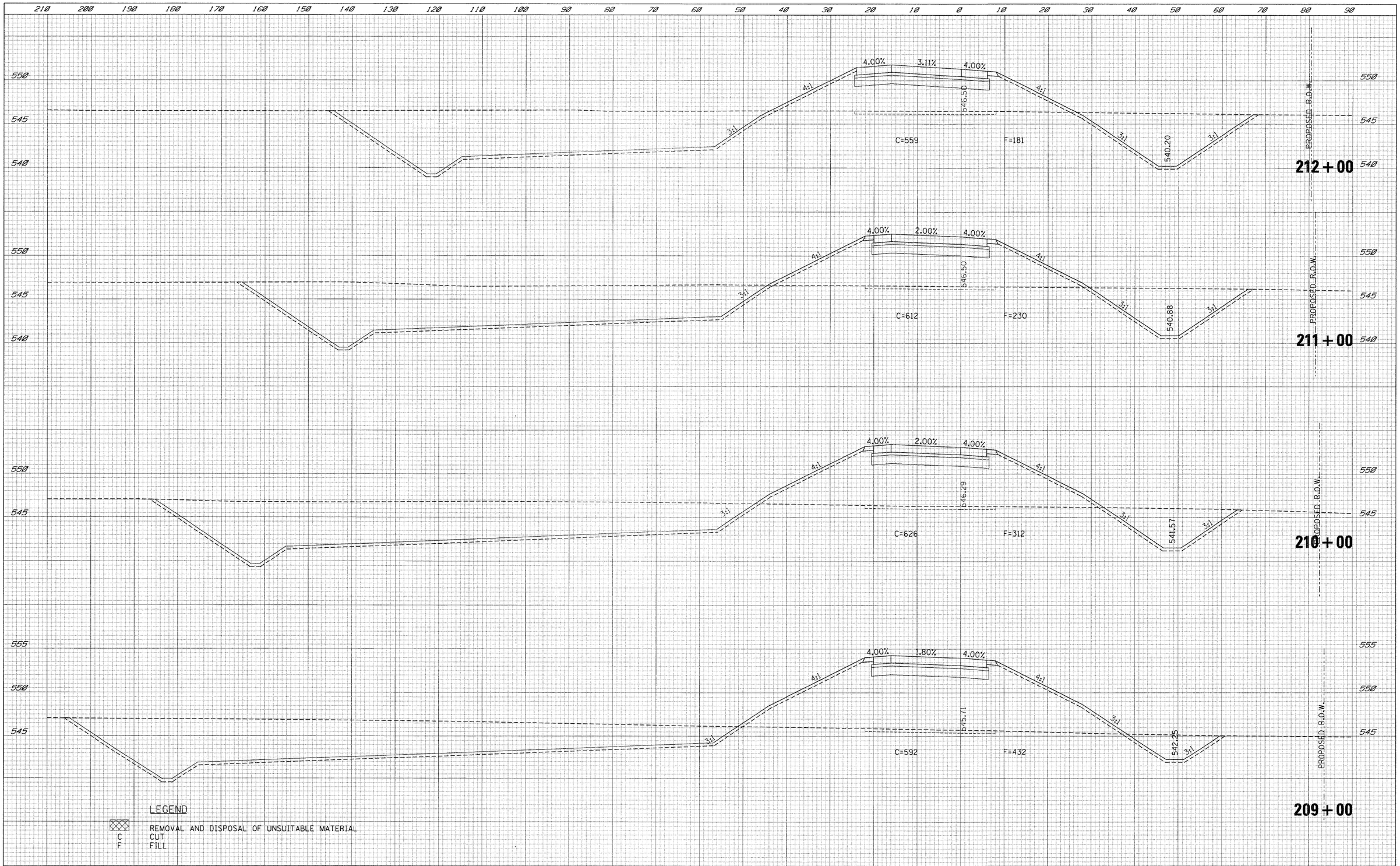
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RAMP B CROSS SECTIONS

SCALE: H: 1"=10' V: 1"=5' | SHEET NO. 219 OF 351 SHEETS | STA. 206+00 | TO STA. 208+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(32,47-4) HBK-4 & GIN)	GRUNDY	351	219
		CONTRACT NO. 66408		
	ILLINOIS FED. AID PROJECT			

• FAI 80 & FAS 297 / FAU 392



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

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

FILE NAME = t:\1812\cadd sheets\D366408-sht-XSCRampB.dgn	USER NAME = _USER_	DESIGNED - LG	REVISED -
		DRAWN - LG	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - AKK	REVISED -
	PLOT DATE = 5/19/2010	DATE - 5/19/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RAMP B CROSS SECTIONS

SCALE: H: 1"=10' V: 1"=5' | SHEET NO. 220 OF 351 SHEETS | STA. 209+00 | TO STA. 212+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(32,47-4) HBK-4 & GIN)	GRUNDY	351	220
		CONTRACT NO. 66408		
	ILLINOIS FED. AID PROJECT			

• FAI 80 & FAS 297 / FAU 392

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

550
545
540

EXISTING R.O.W.

4.60% 4.60% 4.60%

QUARRY RUN GRANULAR EMBANKMENT

539.89

538.45

3:1

PROPOSED R.O.W.

531.77

C=41 F=470

215 + 00

EXISTING R.O.W.

2.07% 4.60% 4.60%

4:1 4:1

545.45

3:1 3:1 3:1 3:1

538.86 538.83

2.00%

C=402 F=143

PROPOSED R.O.W.

214 + 00

3.53% 4.47% 4.47%

4:1 4:1

546.12

3:1 3:1

539.51

C=477 F=150

PROPOSED R.O.W.

213 + 00

LEGEND

C REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
C CUT
F FILL

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

FILE NAME = t:\81812\cadd sheets\D366408-sht-XSCRampB.dgn	USER NAME = _USER_	DESIGNED - LG	REVISED -
		DRAWN - LG	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - AKK	REVISED -
	PLOT DATE = 5/19/2010	DATE - 5/19/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RAMP B CROSS SECTIONS

SCALE: H: 1"=10' V: 1"=5' | SHEET NO. 221 OF 351 SHEETS | STA. 213+00 | TO STA. 215+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(32,47-4) HBK-4 & GN)	GRUNDY	351	221
		CONTRACT NO. 66408		
	ILLINOIS FED. AID PROJECT			

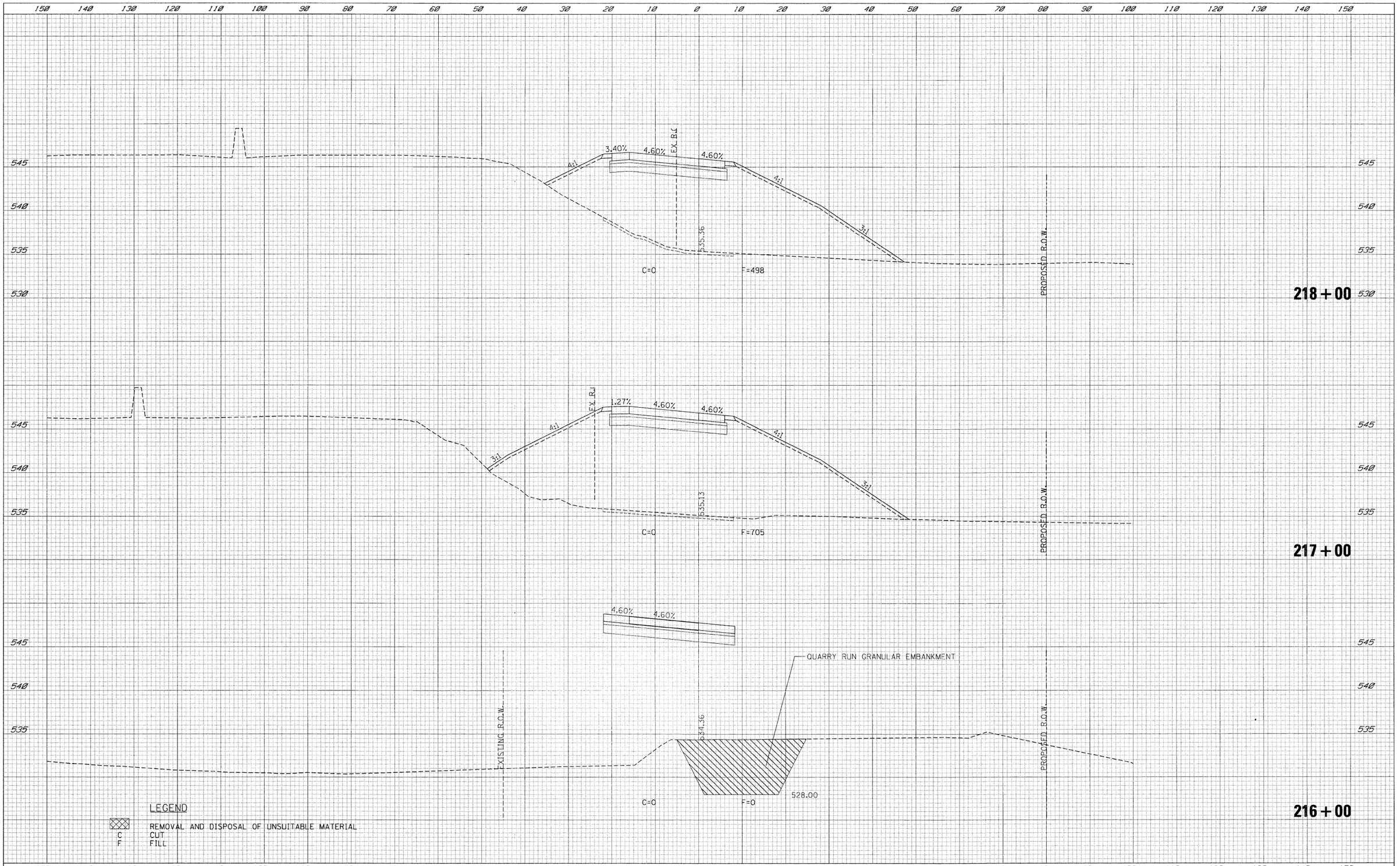
• FAI 80 & FAS 297 / FAU 392

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

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

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

BY	DATE



LEGEND

REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL

C CUT

F FILL

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

BY	DATE

FILE NAME = t:\1812\cadd sheets\D366408-sht-XSCRampB.dgn	USER NAME = _USER_	DESIGNED - LG	REVISED -
		DRAWN - LG	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - AKK	REVISED -
	PLOT DATE = 5/19/2010	DATE - 5/19/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

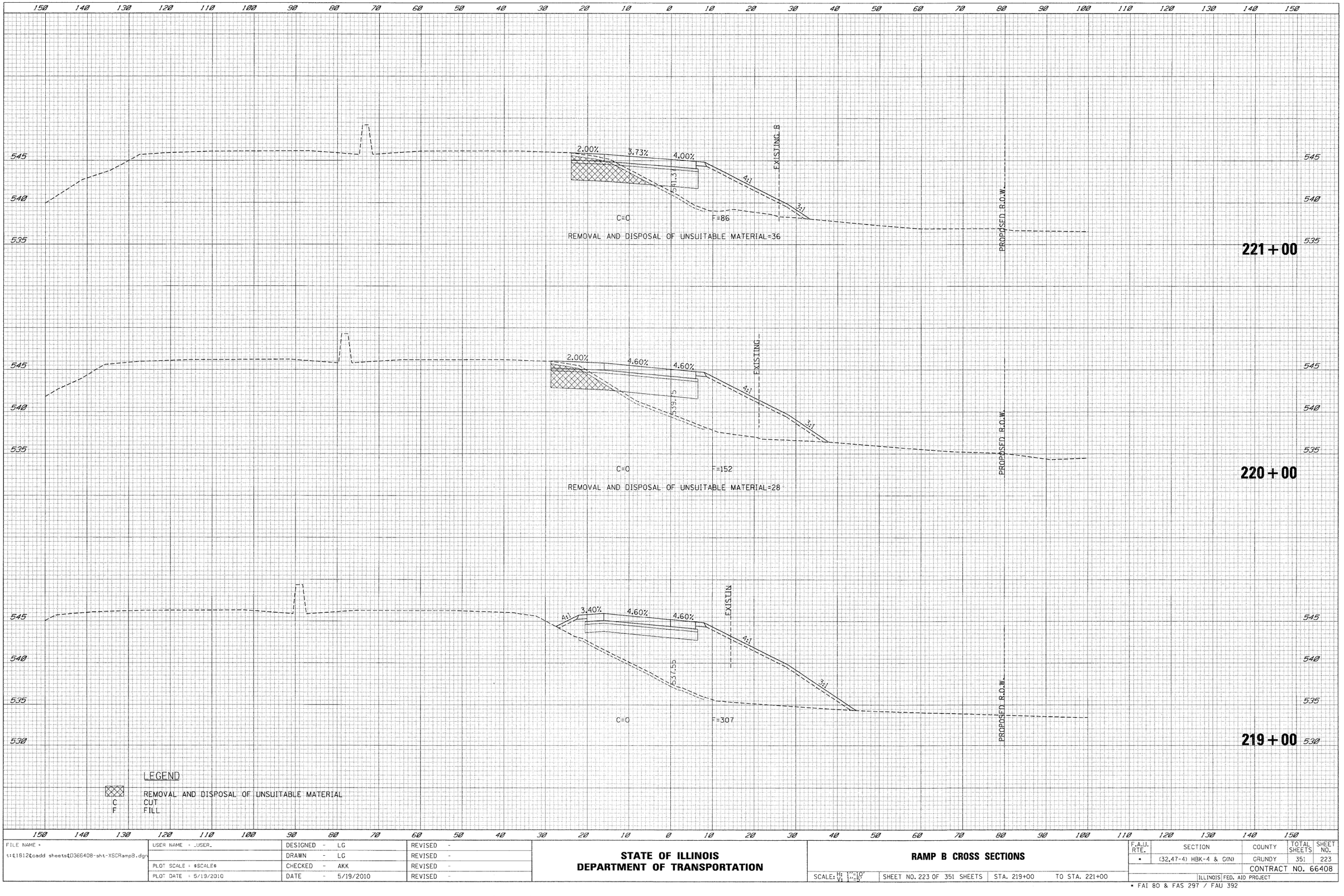
RAMP B CROSS SECTIONS

SCALE: H: 1"=10' V: 1"=5' | SHEET NO. 222 OF 351 SHEETS | STA. 216+00 | TO STA. 218+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(32,47-4) HBK-4 & GN)	GRUNDY	351	222
		CONTRACT NO. 66408		
	ILLINOIS FED. AID PROJECT			

• FAI 80 & FAS 297 / FAU 392

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



LEGEND

C CUT
F FILL
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL

FILE NAME = t:\1812\cadd sheets\D366408-sht-XSCRamp8.dgn	USER NAME = _USER_	DESIGNED - LG	REVISED -
		DRAWN - LG	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - AKK	REVISED -
	PLOT DATE = 5/19/2010	DATE - 5/19/2010	REVISED -

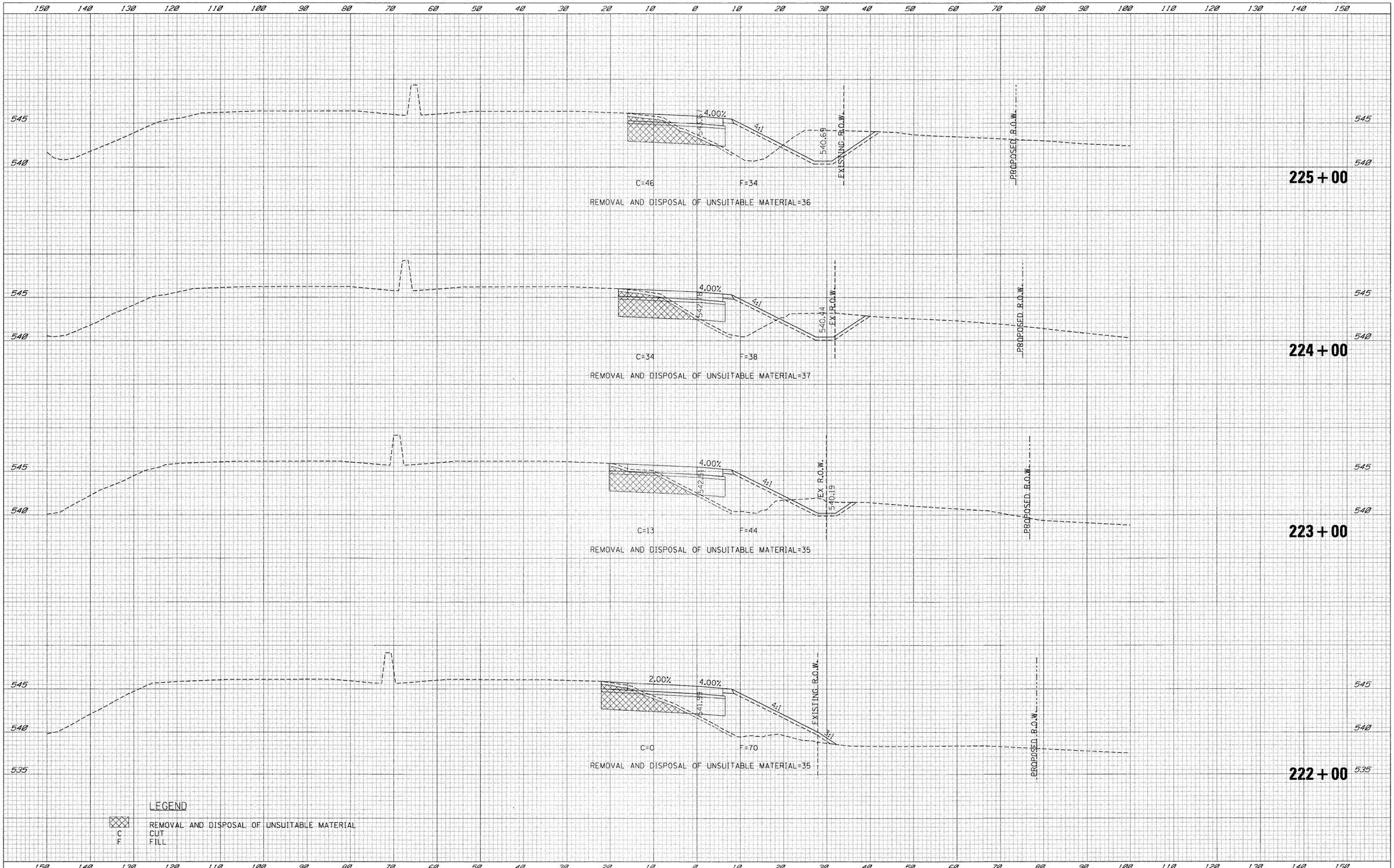
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RAMP B CROSS SECTIONS

SCALE: H: 1"=10' V: 1"=5' | SHEET NO. 223 OF 351 SHEETS | STA. 219+00 | TO STA. 221+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(32,47-4) HBK-4 & GIN)	GRUNDY	351	223
		CONTRACT NO. 66408		
	ILLINOIS FED. AID PROJECT			

* FAI 80 & FAS 297 / FAU 392



LEGEND

REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL

C CUT

F FILL

FILE NAME = t:\81812\cadd sheets\D366408-sht-XSCRampB.dgn	USER NAME = _USER_	DESIGNED - LG	REVISED -
		DRAWN - LG	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - AKK	REVISED -
	PLOT DATE = 5/19/2010	DATE - 5/19/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RAMP B CROSS SECTIONS

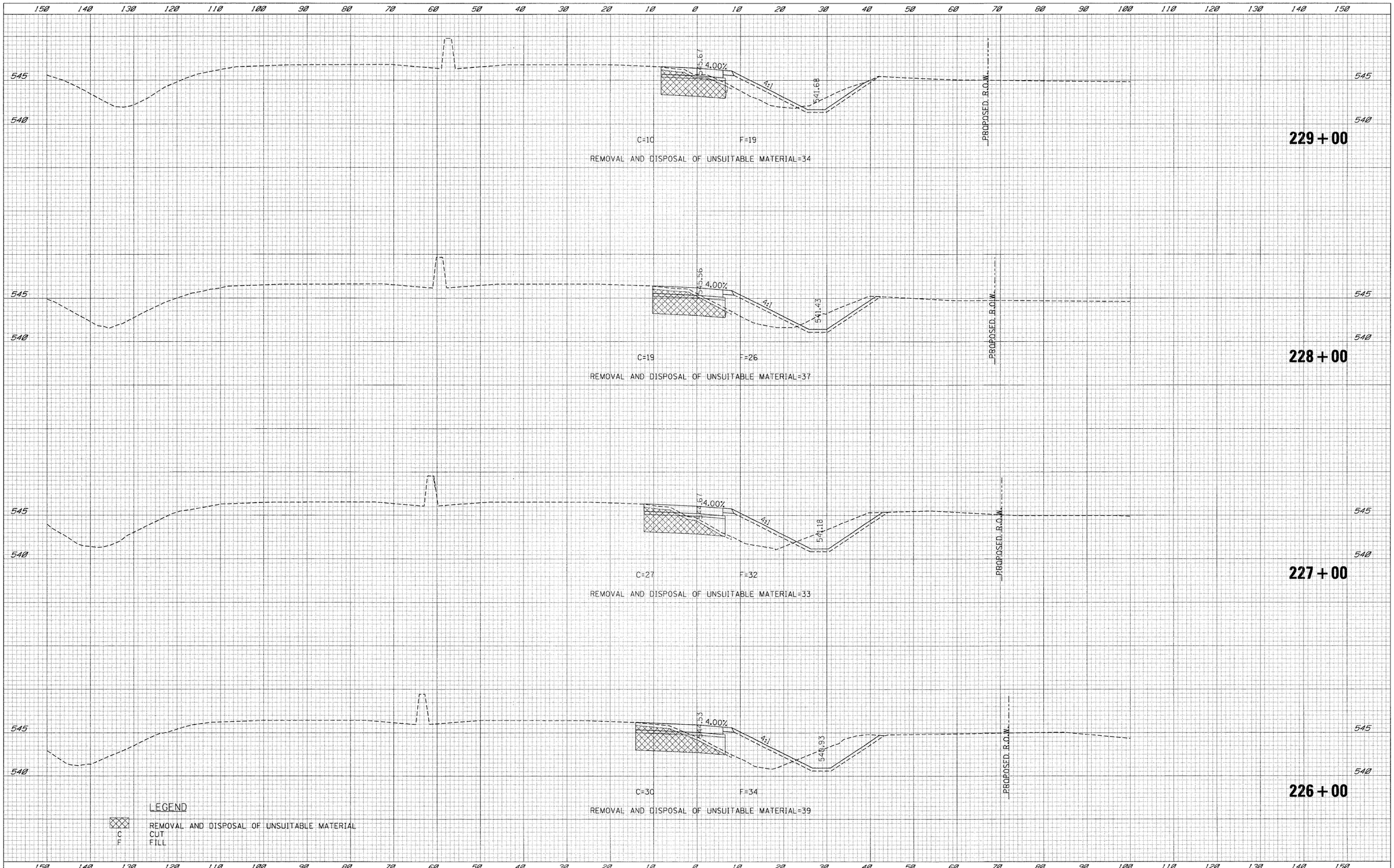
SCALE: H: 1"=10' V: 1"=5' | SHEET NO. 224 OF 351 SHEETS | STA. 222+00 | TO STA. 225+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(32,47-4) HBK-4 & GIN)	GRUNDY	351	224
		CONTRACT NO. 66408		
	ILLINOIS FED. AID PROJECT			

• FAI 80 & FAS 297 / FAU 392

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

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



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

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

FILE NAME = t:\1812\cadd sheets\D366408-sht-XSCRampB.dgn	USER NAME = _USER_	DESIGNED - LG	REVISED -
		DRAWN - LG	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - AKK	REVISED -
	PLOT DATE = 5/19/2010	DATE - 5/19/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

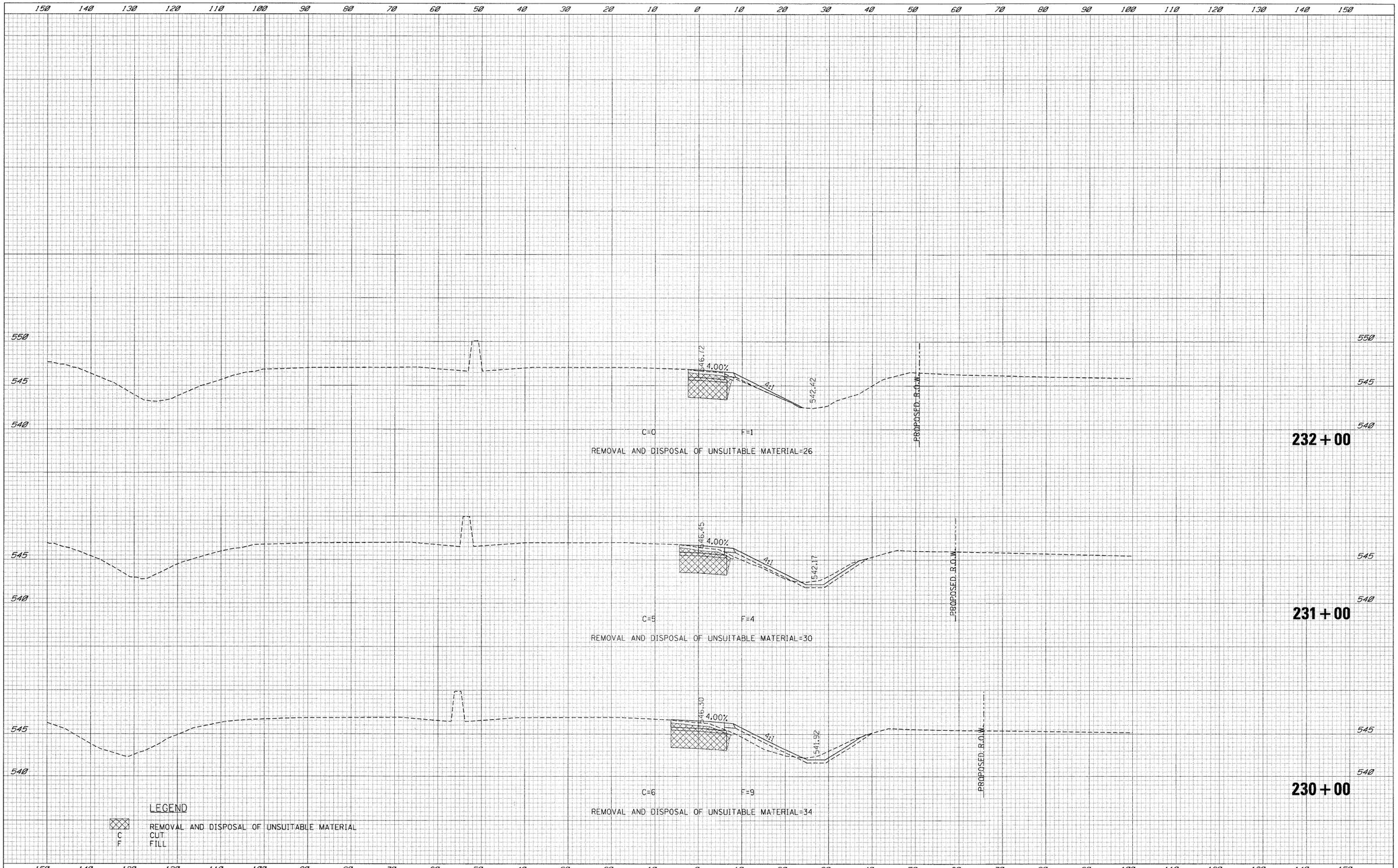
RAMP B CROSS SECTIONS

SCALE: H: 1"=10' V: 1"=5' | SHEET NO. 225 OF 351 SHEETS | STA. 226+00 | TO STA. 229+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(32,47-4) HBK-4 & GIN)	GRUNDY	351	225
		CONTRACT NO. 66408		
	ILLINOIS FED. AID PROJECT			

* FAI 80 & FAS 297 / FAU 392

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



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

FILE NAME =	USER NAME = _USER_	DESIGNED - LG	REVISED -
t:\1812\cadd sheets\D366408-sht-XSCRamp8.dgn		DRAWN - LG	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - AKK	REVISED -
	PLOT DATE = 5/19/2010	DATE - 5/19/2010	REVISED -

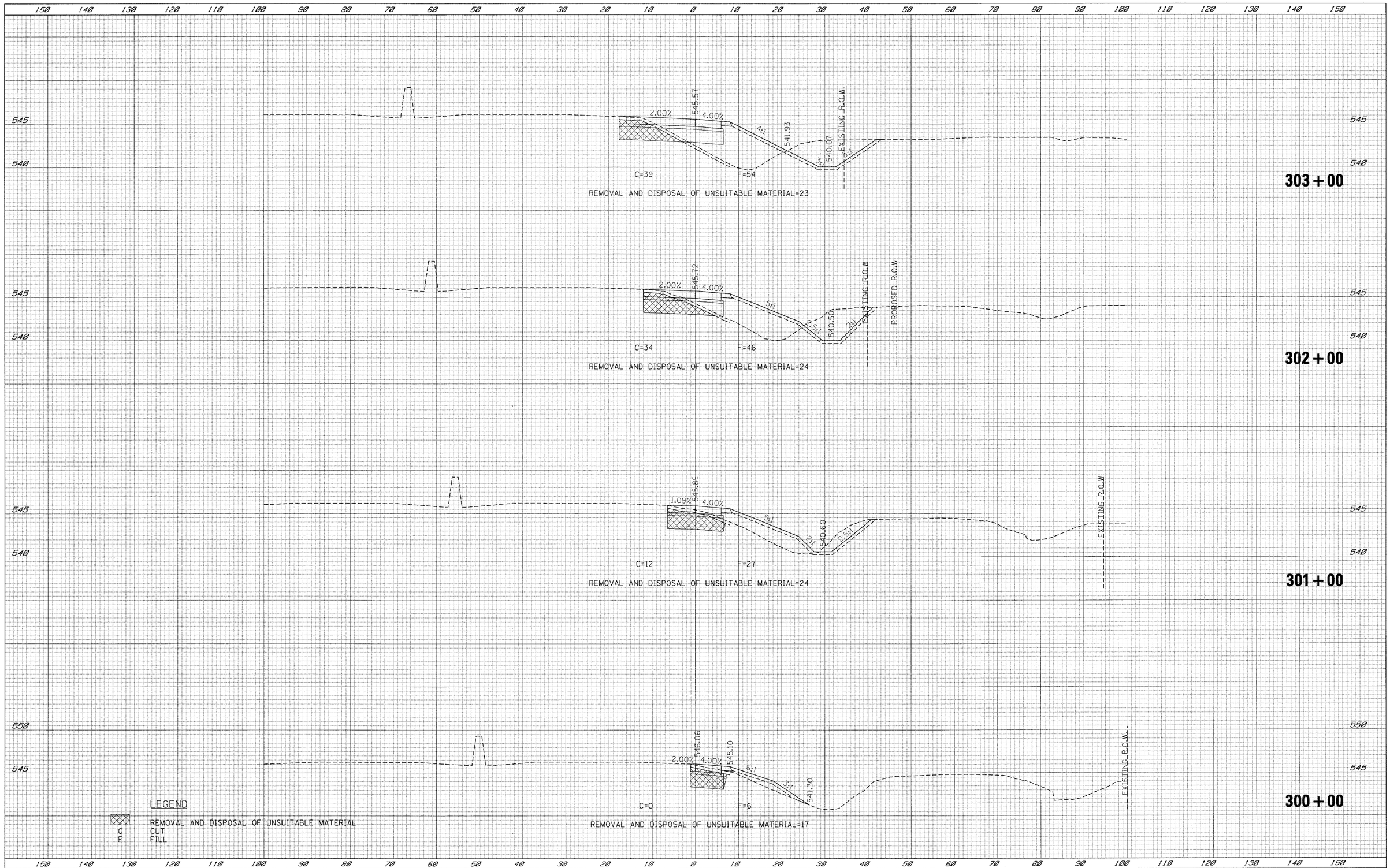
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RAMP B CROSS SECTIONS

SCALE: H: 1"=10' V: 1"=5' | SHEET NO. 226 OF 351 SHEETS | STA. 230+00 | TO STA. 232+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(32,47-4) HBK-4 & GIN)	GRUNDY	351	226
		CONTRACT NO. 66408		
	ILLINOIS FED. AID PROJECT			

• FAI 80 & FAS 297 / FAU 392



FINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE — 8"

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

FILE NAME = t:\1812\cadd sheets\D366408-sht-XSCRampC.dgn	USER NAME = _USER_	DESIGNED - LG	REVISED -
		DRAWN - LG	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - AKK	REVISED -
	PLOT DATE = 5/19/2010	DATE - 5/19/2010	REVISED -

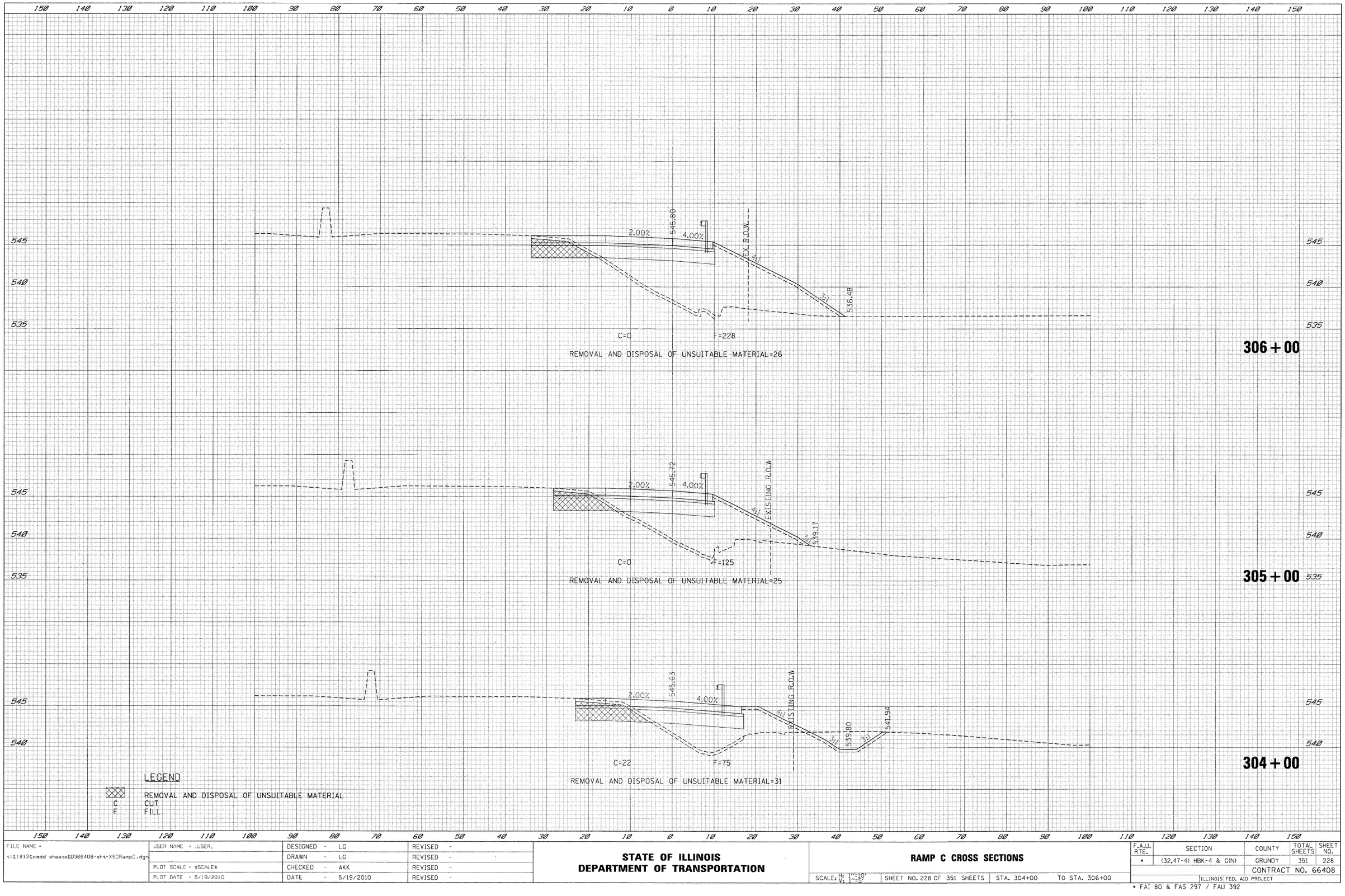
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RAMP C CROSS SECTIONS

SCALE: H: 1"=10' V: 1"=5' | SHEET NO. 227 OF 351 SHEETS | STA. 300+00 | TO STA. 303+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(32,47-4) HBK-4 & GIN)	GRUNDY	351	227
		CONTRACT NO. 66408		
	ILLINOIS FED. AID PROJECT			

• FAI 80 & FAS 297 / FAU 392



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

FILE NAME = t:\1812\cadd sheets\D366408-sht-XSCRampC.dgn	USER NAME = _USER_	DESIGNED - LG	REVISED -
		DRAWN - LG	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - AKK	REVISED -
	PLOT DATE = 5/19/2010	DATE - 5/19/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

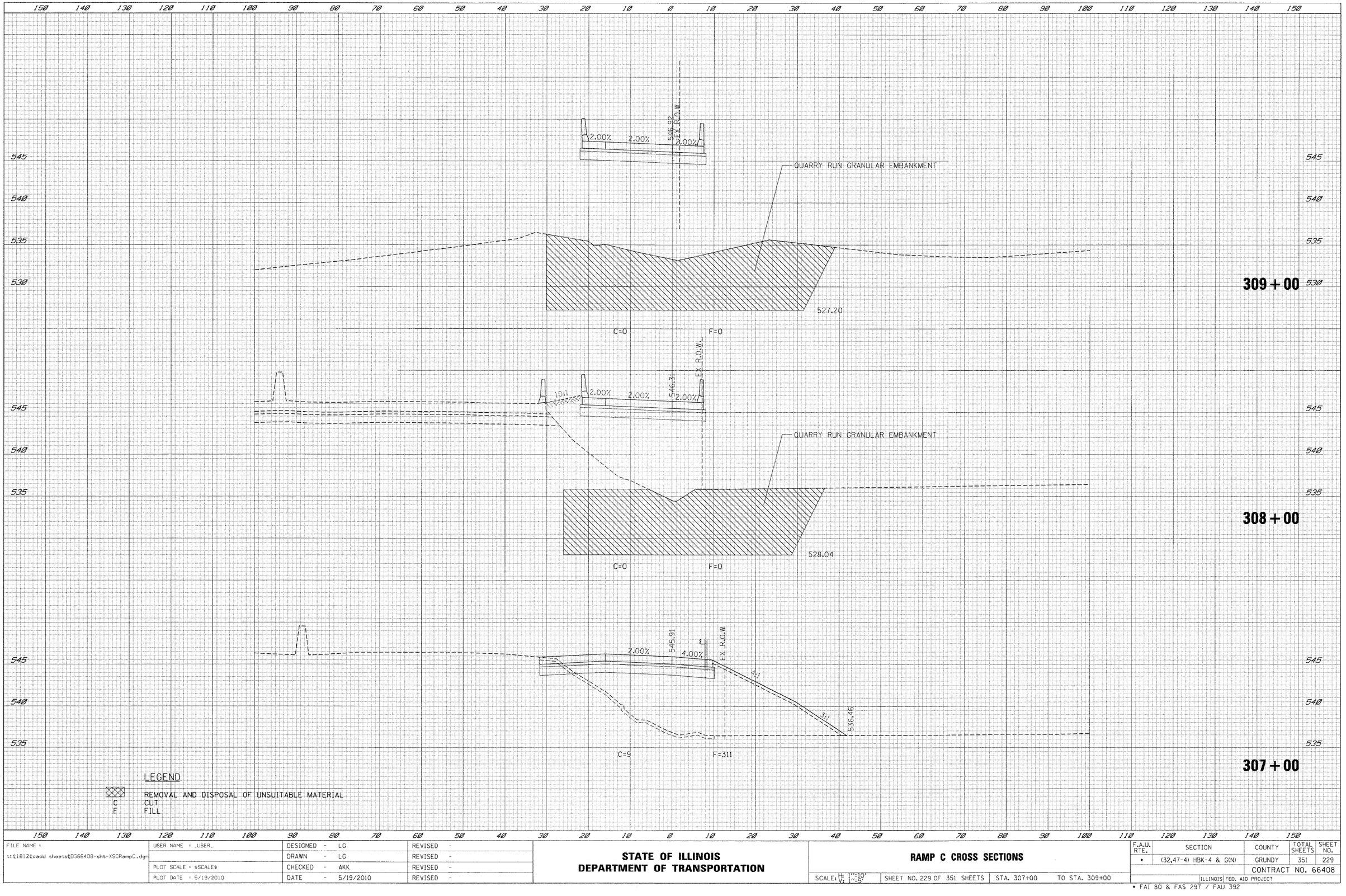
RAMP C CROSS SECTIONS

SCALE: H: 1"=10' V: 1"=5' | SHEET NO. 228 OF 351 SHEETS | STA. 304+00 | TO STA. 306+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(32,47-4) HBK-4 & G(N)	GRUNDY	351	228
		CONTRACT NO. 66408		
	ILLINOIS FED. AID PROJECT			

• FAI 80 & FAS 297 / FAU 392

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



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

FILE NAME = t:\1812\cadd sheets\D366408-sht-XSCRampC.dgn	USER NAME = _USER_	DESIGNED - LG	REVISED -
		DRAWN - LG	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - AKK	REVISED -
	PLOT DATE = 5/19/2010	DATE - 5/19/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RAMP C CROSS SECTIONS

SCALE: H: 1"=10' V: 1"=5' | SHEET NO. 229 OF 351 SHEETS | STA. 307+00 | TO STA. 309+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(32,47-4) HBK-4 & GN)	GRUNDY	351	229
		CONTRACT NO. 66408		
	ILLINOIS FED. AID PROJECT			

• FAI 80 & FAS 297 / FAU 392

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

555 550 545 540

EXISTING R.O.W.

2.00% 6.00% 6.00% 553.41

4:1 3:1 4:1 3:1

541.94 539.40 542.54

C=50 F=659

313+00

2.00% 6.00% 6.00% 551.35

EX.

4:1 3:1 4:1 3:1

543.65 539.12 542.49

C=55 F=477

312+00

0.70% 4.39% 4.39% 549.2

EX.

5:1 2:1 4:1 3:1

544.01 538.84 542.39

C=61 F=308

311+00

0.98% 2.30% 4.00% 547

EX.

6:1 2:1 4:1 3:1

544.20 538.56 540.32

C=31 F=244

310+00

LEGEND

REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL

C CUT

F FILL

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

FILE NAME = t:\1812\cadd sheets\D366408-sht-XSCRampC.dgn	USER NAME = _USER_	DESIGNED - LG	REVISED -
		DRAWN - LG	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - AKK	REVISED -
	PLOT DATE = 5/19/2010	DATE - 5/19/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RAMP C CROSS SECTIONS

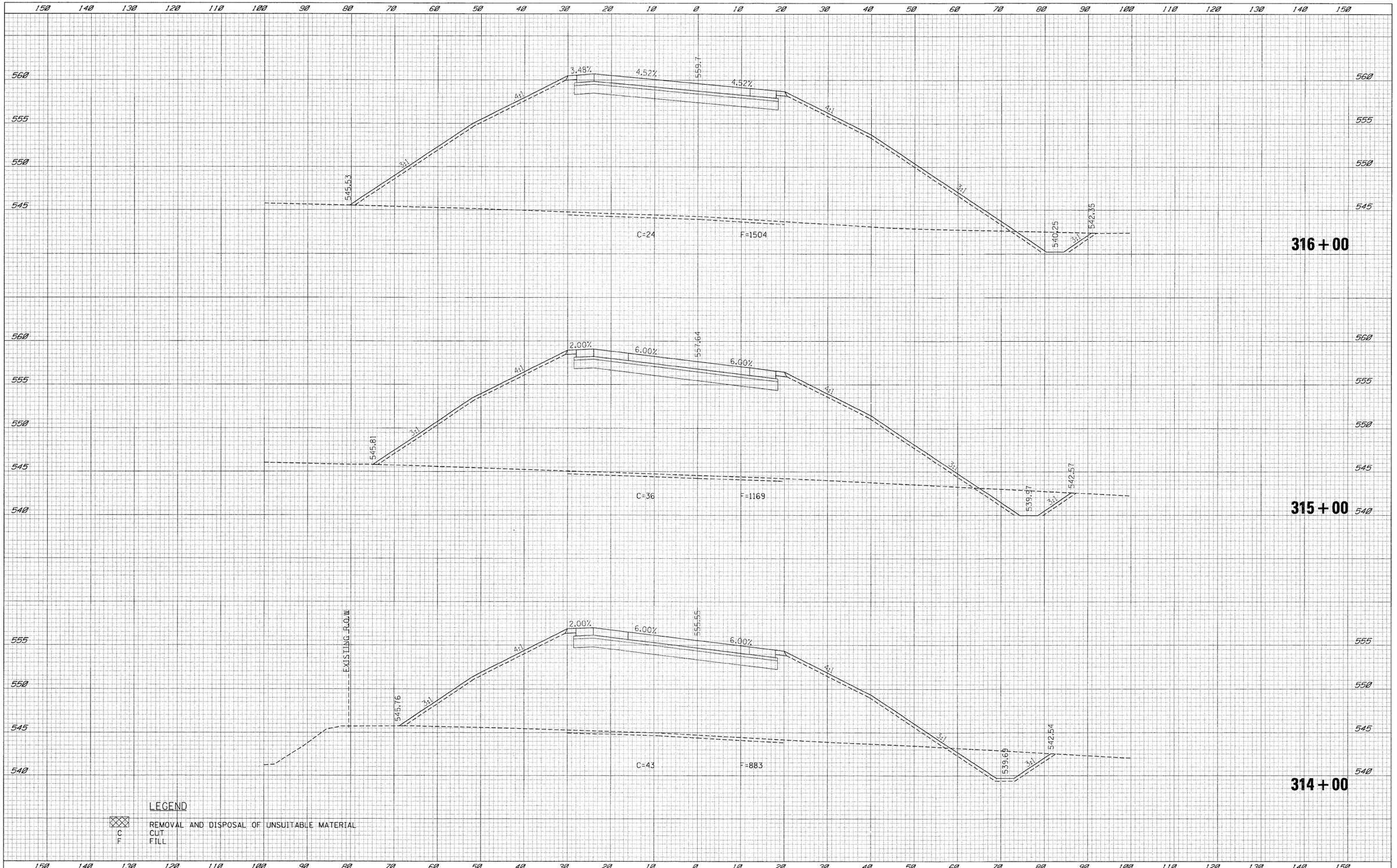
SCALE: H: 1"=10' V: 1"=5' | SHEET NO. 230 OF 351 SHEETS | STA. 310+00 | TO STA. 313+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(32,47-4) HBK-4 & GIN)	GRUNDY	351	230
		CONTRACT NO. 66408		
	ILLINOIS FED. AID PROJECT			

• FAI 80 & FAS 297 / FAU 392

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

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



FILE NAME = t:\1812\cadd sheets\D366408-sht-XSCRampC.dgn	USER NAME = _USER_	DESIGNED - LG	REVISED -	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**	**RAMP C CROSS SECTIONS**
		DRAWN - LG	REVISED -		
	PLOT SCALE = $SCALE$	CHECKED - AKK	REVISED -		SCALE: H: 1"=10' V: 1"=5' | SHEET NO. 231 OF 351 SHEETS | STA. 314+00 | TO STA. 316+00
	PLOT DATE = 5/19/2010	DATE - 5/19/2010	REVISED -		

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(32,47-4) HBK-4 & GIN)	GRUNDY	351	231
		CONTRACT NO. 66408		
	ILLINOIS FED. AID PROJECT			

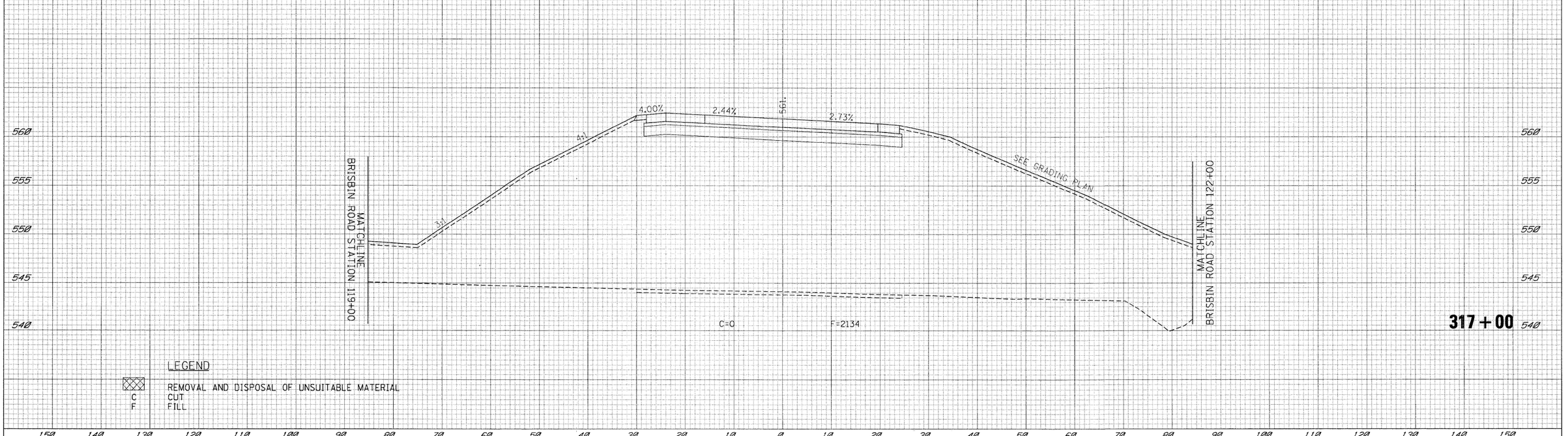
• FAI 80 & FAS 297 / FAU 392

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

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

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

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



LEGEND

C REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
C CUT
F FILL

FILE NAME = t:\1612\coadd sheets\D366408-sht-XSCRampC.dgn	USER NAME = _USER_	DESIGNED - LG	REVISED -
		DRAWN - LG	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - AKK	REVISED -
	PLOT DATE = 5/19/2010	DATE - 5/19/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RAMP C CROSS SECTIONS

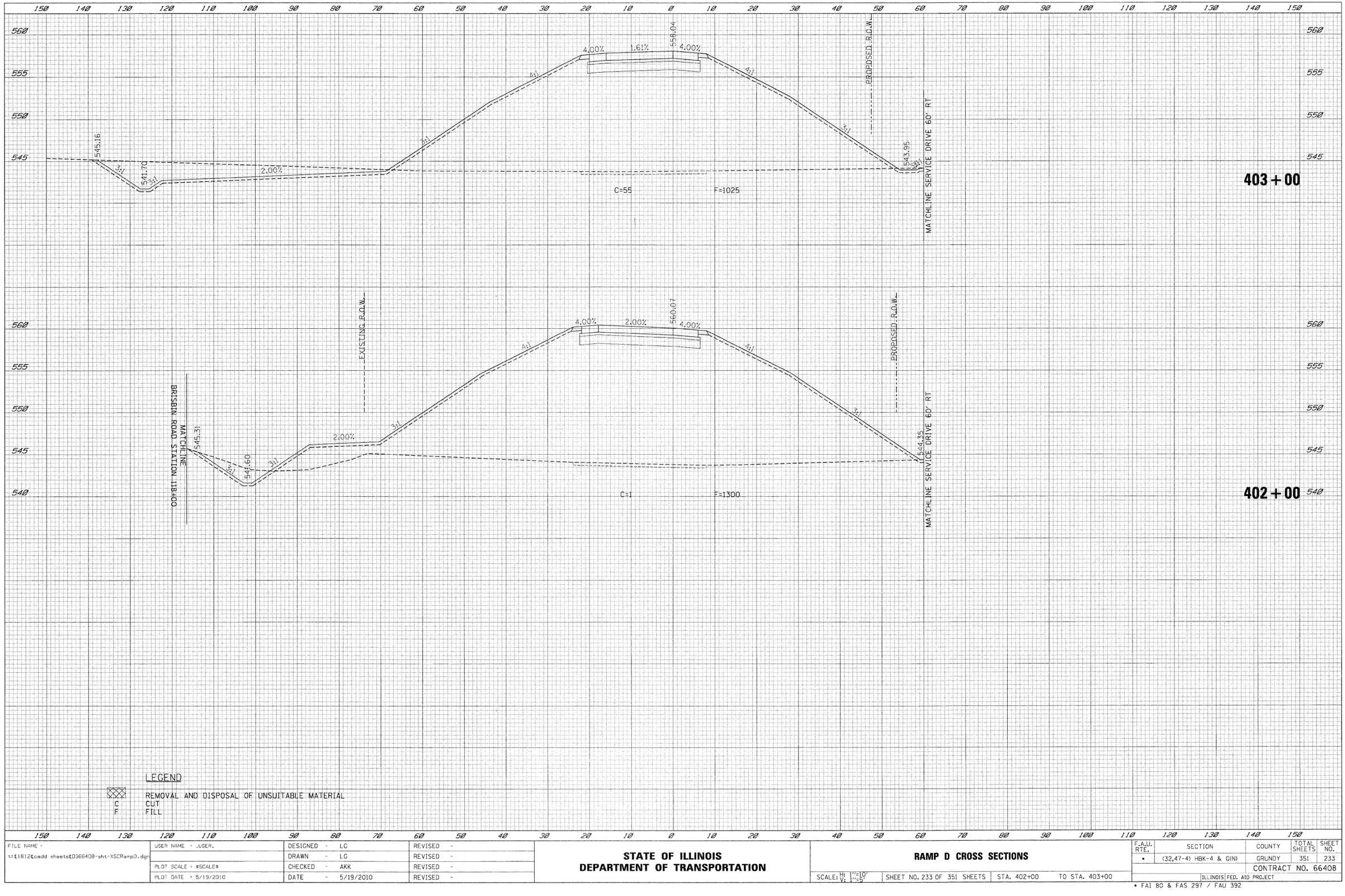
SCALE: H: 1"=10' V: 1"=5' | SHEET NO. 232 OF 351 SHEETS | STA. 317+00 | TO STA. 317+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(32,47-4) HBK-4 & GIN)	GRUNDY	351	232
		CONTRACT NO. 66408		
	ILLINOIS FED. AID PROJECT			

• FAI 80 & FAS 297 / FAU 392

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

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



LEGEND

REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
C CUT
F FILL

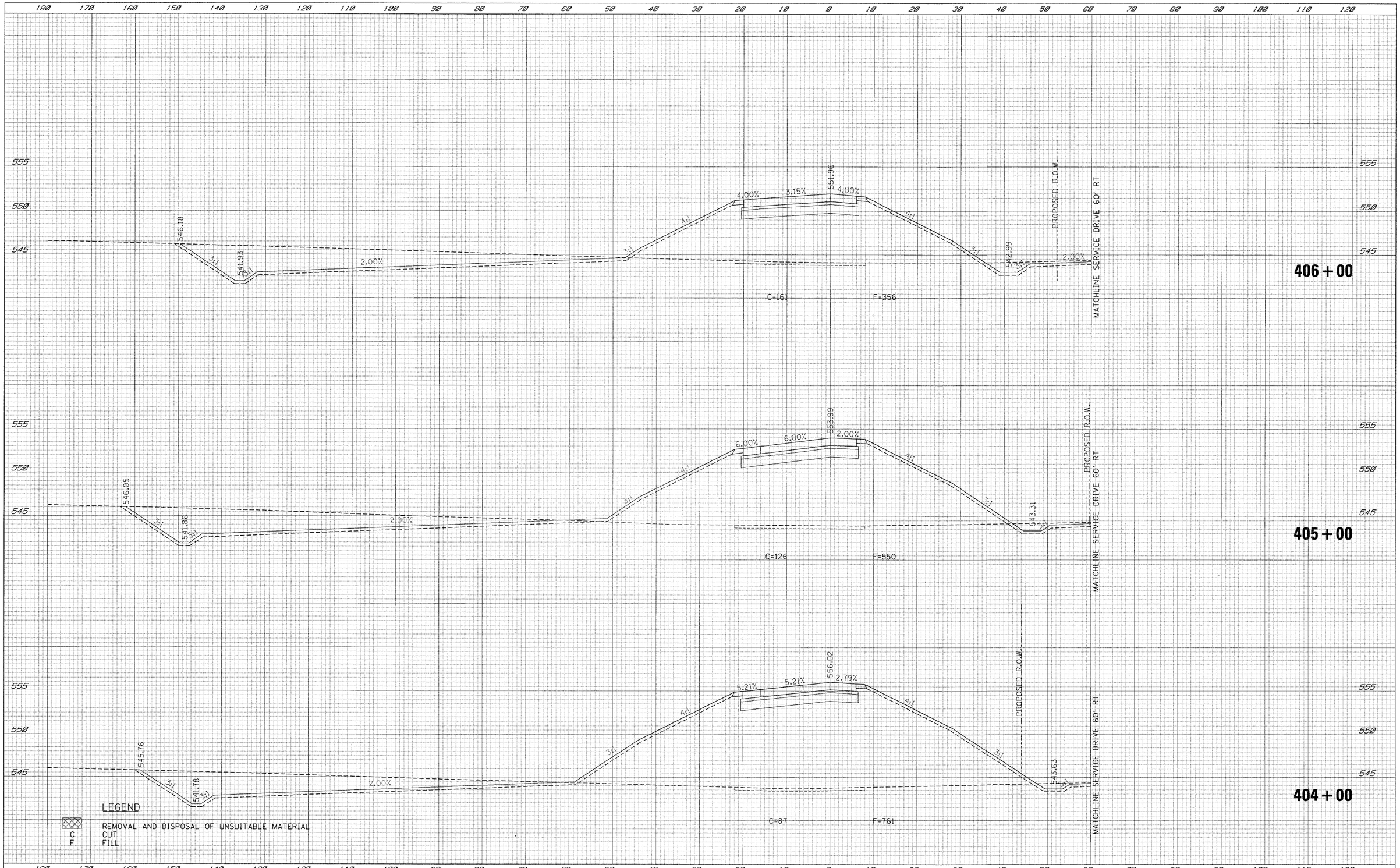
FILE NAME = c:\1812\cadd sheets\D366408-sht-XSCRampD.dgn	USER NAME = _USER_	DESIGNED - LG	REVISED -	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**	**RAMP D CROSS SECTIONS**
		DRAWN - LG	REVISED -		
	PLOT SCALE = $SCALE$	CHECKED - AKK	REVISED -		SCALE: H: 1"=10' V: 1"=5' | SHEET NO. 233 OF 351 SHEETS | STA. 402+00 TO STA. 403+00
	PLOT DATE = 5/19/2010	DATE - 5/19/2010	REVISED -		

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(32,47-4) HBK-4 & GIN)	GRUNDY	351	233
		CONTRACT NO. 66408		
	ILLINOIS FED. AID PROJECT			

* FAI 80 & FAS 297 / FAU 392

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

ORIGINAL SURVEY	SURVEYED	BY
	PLOTTED	
NOTE BOOK	TEMP. ATE	
NO.	AREAS	
	AREAS CHECKED	



FILE NAME = t:\1812\cadd sheets\D366408-sht-XSCRampD.dgn	USER NAME = _USER_	DESIGNED - LG	REVISED -
		DRAWN - LG	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - AKK	REVISED -
	PLOT DATE = 5/19/2010	DATE - 5/19/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RAMP D CROSS SECTIONS

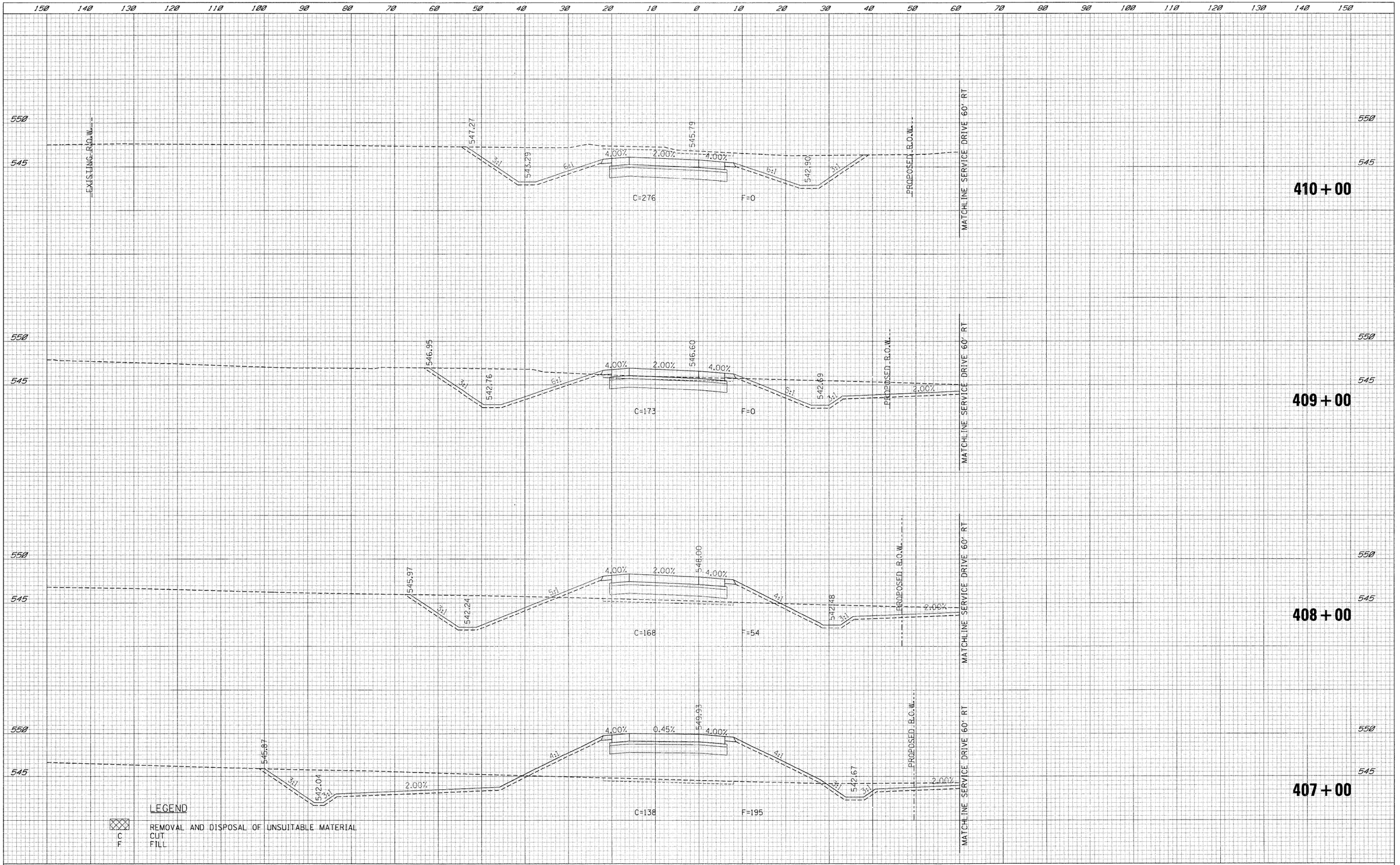
SCALE: H: 1"=10' V: 1"=5' | SHEET NO. 234 OF 351 SHEETS | STA. 404+00 | TO STA. 406+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(32,47-4) HBK-4 & GN)	GRUNDY	351	234
		CONTRACT NO. 66408		
	ILLINOIS FED. AID PROJECT			

• FAI 80 & FAS 297 / FAU 392

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

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



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t:\c1812\coadd sheets\D366408-sht-XSCRampD.dgn		DRAWN - LG	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - AKK	REVISED -
	PLOT DATE = 5/19/2010	DATE - 5/19/2010	REVISED -

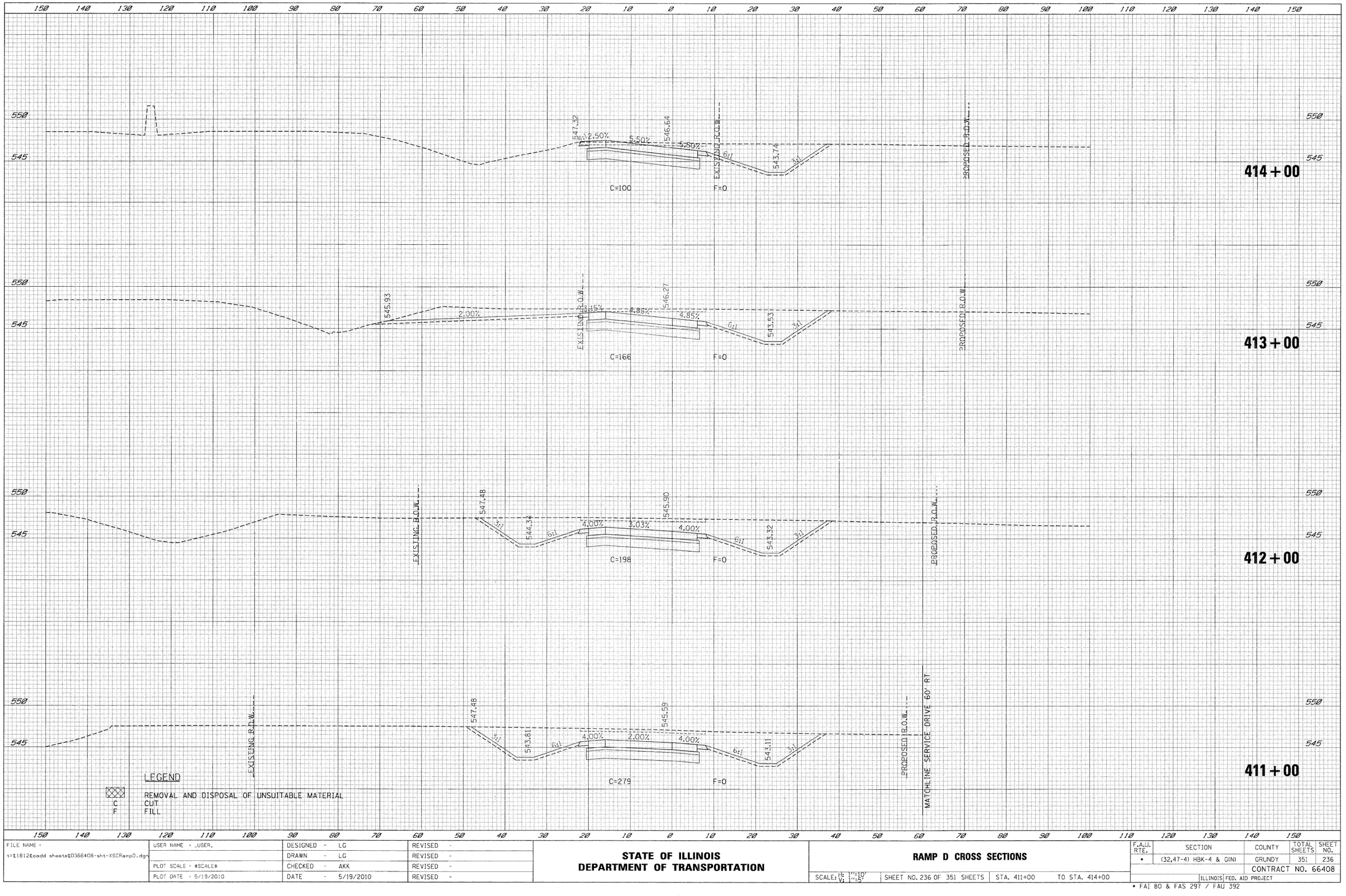
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RAMP D CROSS SECTIONS

SCALE: H: 1"=10' V: 1"=5' | SHEET NO. 235 OF 351 SHEETS | STA. 407+00 | TO STA. 410+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(32,47-4) HBK-4 & GIN)	GRUNDY	351	235
		CONTRACT NO. 66408		
	ILLINOIS FED. AID PROJECT			

• FAI 80 & FAS 297 / FAU 392



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

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

FILE NAME = t:\1812\coddsheets\D366408-sht-XSCRampD.dgn	USER NAME = _USER_	DESIGNED - LG	REVISED -
		DRAWN - LG	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - AKK	REVISED -
	PLOT DATE = 5/19/2010	DATE - 5/19/2010	REVISED -

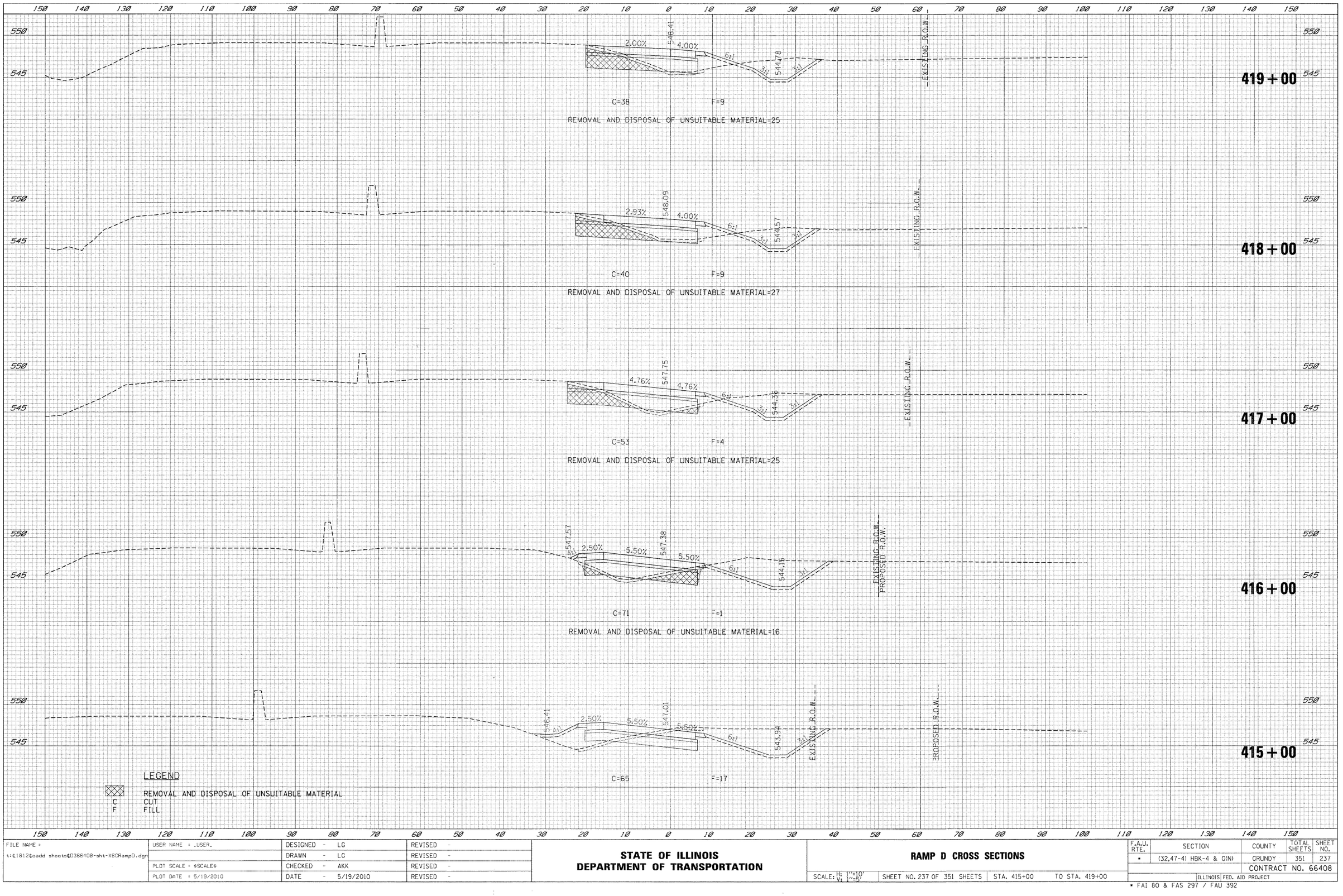
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RAMP D CROSS SECTIONS

SCALE: H: 1"=10' V: 1"=5' | SHEET NO. 236 OF 351 SHEETS | STA. 411+00 | TO STA. 414+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(32,47-4) HBK-4 & GIN)	GRUNDY	351	236
		CONTRACT NO. 66408		
	ILLINOIS	FED. AID PROJECT		

* FAI 80 & FAS 297 / FAU 392



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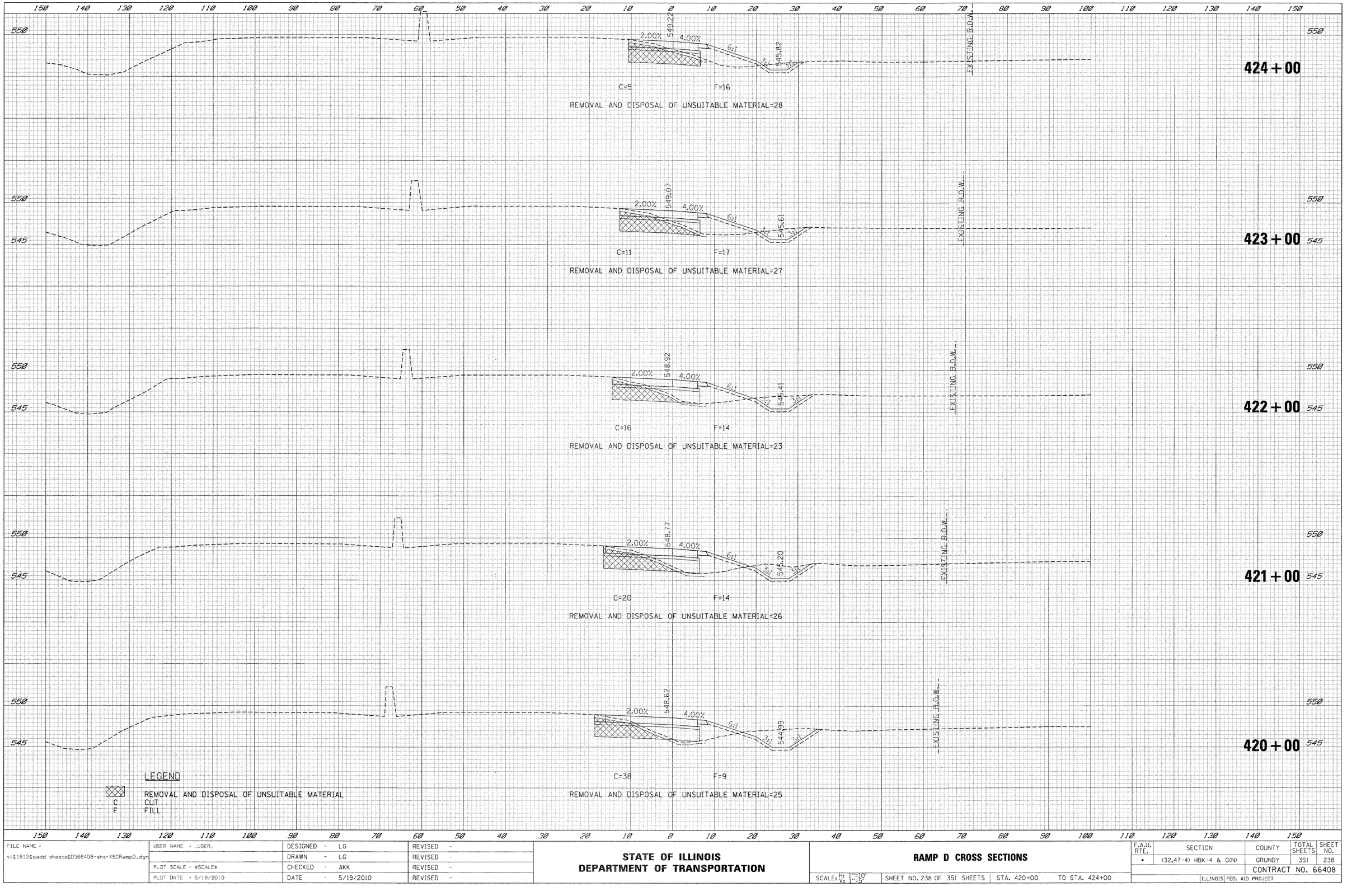
		DRAWN - LG	REVISED -		
	PLOT SCALE = $SCALE$	CHECKED - AKK	REVISED -		SCALE: H: 1"=10' V: 1"=5' | SHEET NO. 237 OF 351 SHEETS | STA. 415+00 | TO STA. 419+00
	PLOT DATE = 5/19/2010	DATE - 5/19/2010	REVISED -		

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(32,47-4) HBK-4 & G(N)	GRUNDY	351	237
		CONTRACT NO. 66408		
	ILLINOIS FED. AID PROJECT			

* FAI 80 & FAS 297 / FAU 392

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

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



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

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

FILE NAME = t:\1812\cadd sheets\D366408-sht-XSCRampD.dgn	USER NAME = _USER_	DESIGNED - LG	REVISED -
		DRAWN - LG	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - AKK	REVISED -
	PLOT DATE = 5/19/2010	DATE - 5/19/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RAMP D CROSS SECTIONS

SCALE: H: 1"=10'
V: 1"=5'
SHEET NO. 238 OF 351 SHEETS | STA. 420+00 | TO STA. 424+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(32,47-4) HBK-4 & GIN)	GRUNDY	351	238
		CONTRACT NO. 66408		
	ILLINOIS FED. AID PROJECT			

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

550

549.81
4.00%
6:1
3:1
546.22
C=0
F=8
EXISTING R.O.W.

REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL=19

428+00

550

549.67
4.00%
6:1
3:1
546.45
C=0
F=12
EXISTING R.O.W.

REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL=22

427+00

550

549.52
2.00%
4.00%
6:1
546.24
C=2
F=14
EXISTING R.O.W.

REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL=23

426+00

550

549.37
2.00%
4.00%
6:1
546.03
C=4
F=15
EXISTING R.O.W.

REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL=25

425+00

LEGEND

C REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
CUT
F FILL

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

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

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

FILE NAME = t:\1812\cadd sheets\D366408-sht-XSCRampD.dgn	USER NAME = _USER_	DESIGNED - LG	REVISED -
		DRAWN - LG	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - AKK	REVISED -
	PLOT DATE = 5/19/2010	DATE - 5/19/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RAMP D CROSS SECTIONS

SCALE: H: 1"=10' V: 1"=5' | SHEET NO. 239 OF 351 SHEETS | STA. 425+00 | TO STA. 428+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(32,47-4) HBK-4 & GIN)	GRUNDY	351	239
		CONTRACT NO. 66408		
	ILLINOIS	FED. AID PROJECT		

• FAI 80 & FAS 297 / FAU 392

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

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

555
550

EXISTING R.O.W.

1359+00

EXISTING R.O.W.

555
550

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

555
550

EXISTING R.O.W.

1358+00

EXISTING R.O.W.

555
550

555
550

EXISTING R.O.W.

1357+00

EXISTING R.O.W.

555
550

LEGEND

C CUT
F FILL

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

FILE NAME = t:\c1812\cadd sheets\D366408-sht-XSC180.dgn	USER NAME = _USER_	DESIGNED - LG	REVISED -
		DRAWN - LG	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - AKK	REVISED -
	PLOT DATE = 5/19/2010	DATE - 5/19/2010	REVISED -

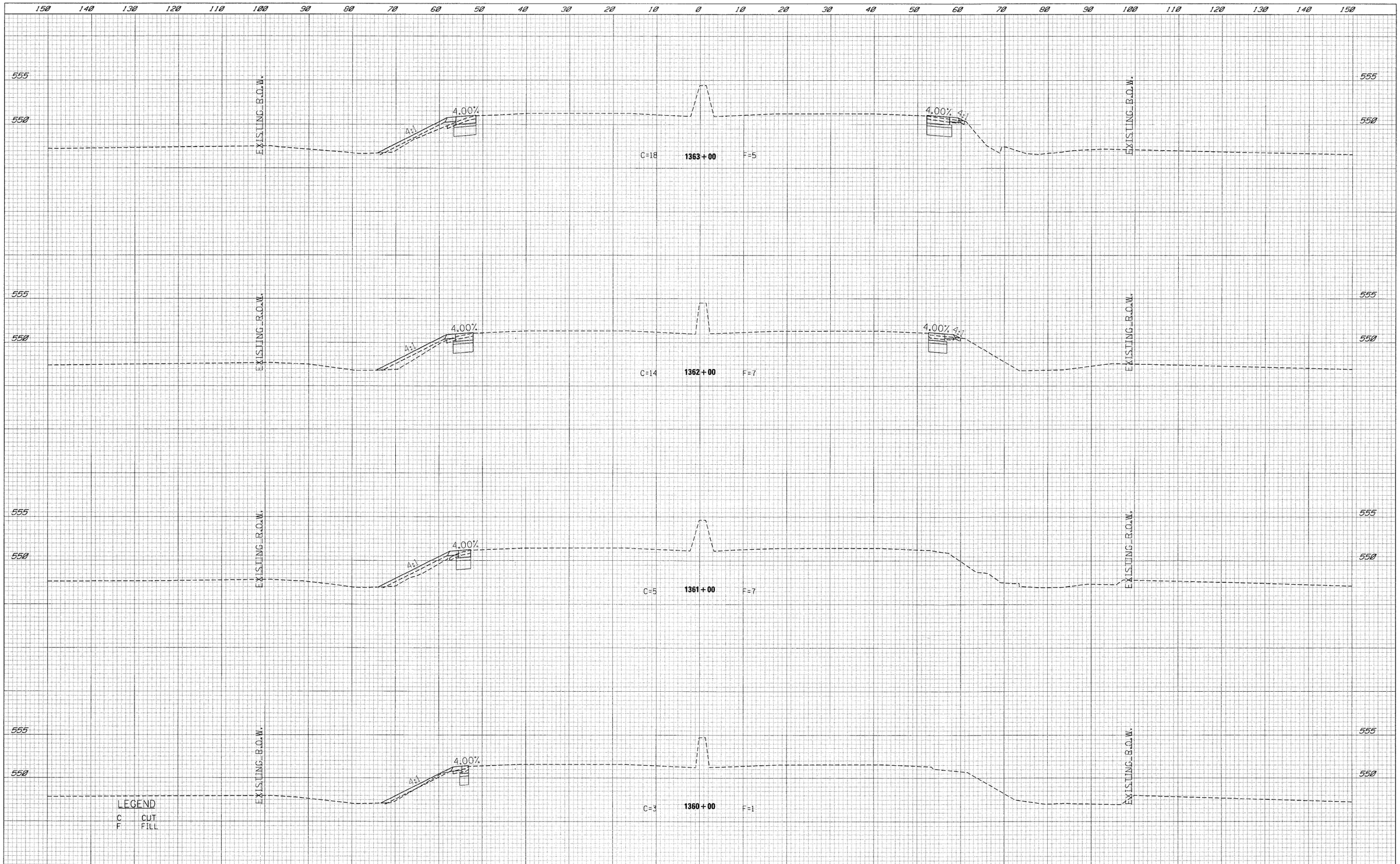
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80 CROSS SECTIONS

SCALE: H: 1"=10' V: 1"=5' | SHEET NO. 240 OF 351 SHEETS | STA. 1357+00 TO STA. 1359+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(32,47-4) HBK-4 & G(N)	GRUNDY	351	240
		CONTRACT NO. 66408		
	ILLINOIS FED. AID PROJECT			

* FAI 80 & FAS 297 / FAU 392



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

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

FILE NAME = t:\C1812\cadd sheets\D366408-sht-XSC180.dgn	USER NAME = _USER_	DESIGNED - LG	REVISED -
		DRAWN - LG	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - AKK	REVISED -
	PLOT DATE = 5/19/2010	DATE - 5/19/2010	REVISED -

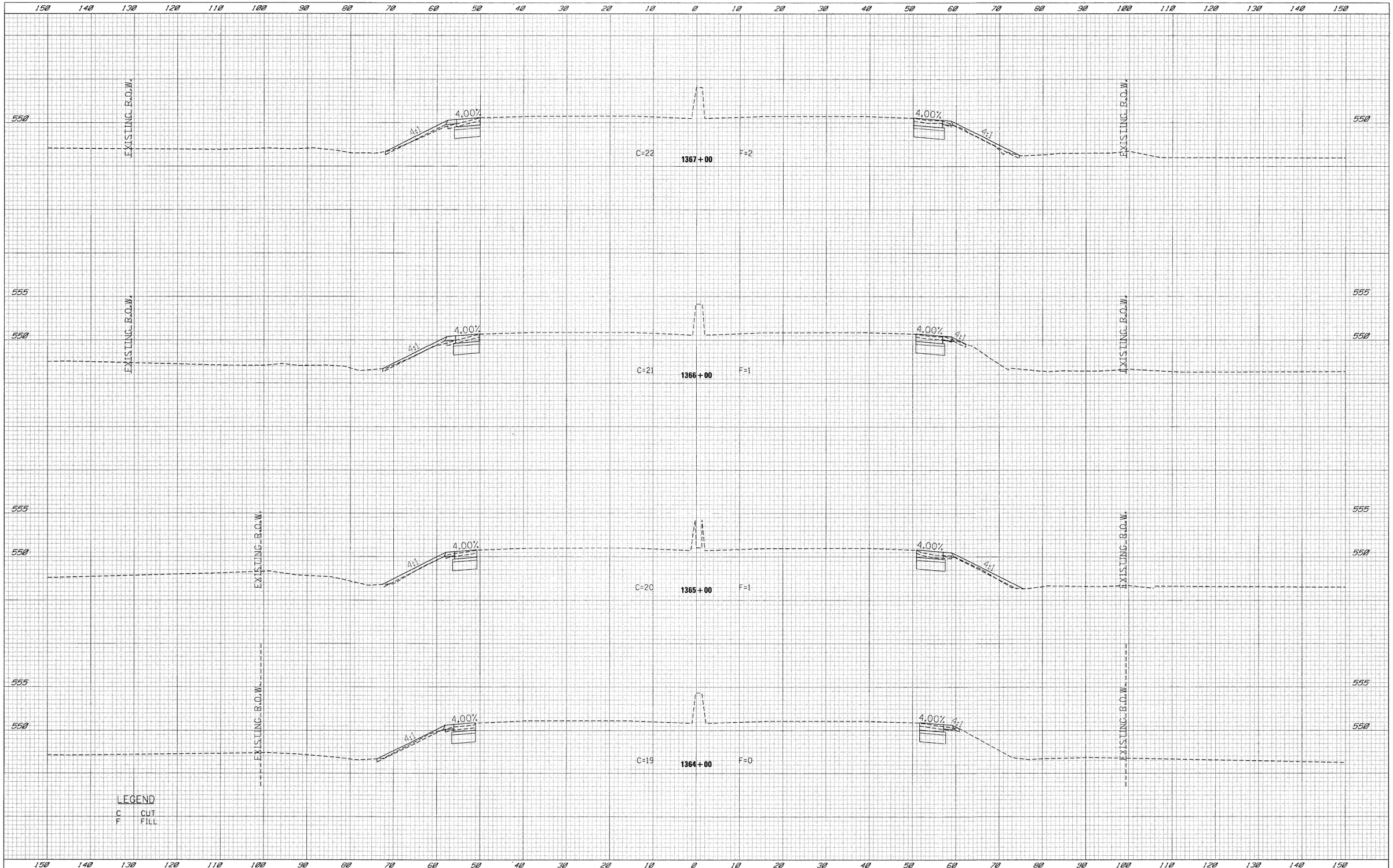
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80 CROSS SECTIONS

SCALE: H: 1"=10' V: 1"=5' | SHEET NO. 241 OF 351 SHEETS | STA. 1360+00 TO STA. 1363+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(32,47-4) HBK-4 & G(N)	GRUNDY	351	241
		CONTRACT NO. 66408		
		ILLINOIS FED. AID PROJECT		

* FAI 80 & FAS 297 / FAU 392



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

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

FILE NAME = t:\1812\cadd sheets\D366408-sht-XSC180.dgn	USER NAME = _USER_	DESIGNED - LG	REVISED -
		DRAWN - LG	REVISED -
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	PLOT DATE = 5/19/2010	DATE - 5/19/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80 CROSS SECTIONS

SCALE: H: 1"=10' V: 1"=5' | SHEET NO. 242 OF 351 SHEETS | STA. 1364+00 TO STA. 1367+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(32,47-4) HBK-4 & G(N)	GRUNDY	351	242
		CONTRACT NO. 66408		
	ILLINOIS FED. AID PROJECT			

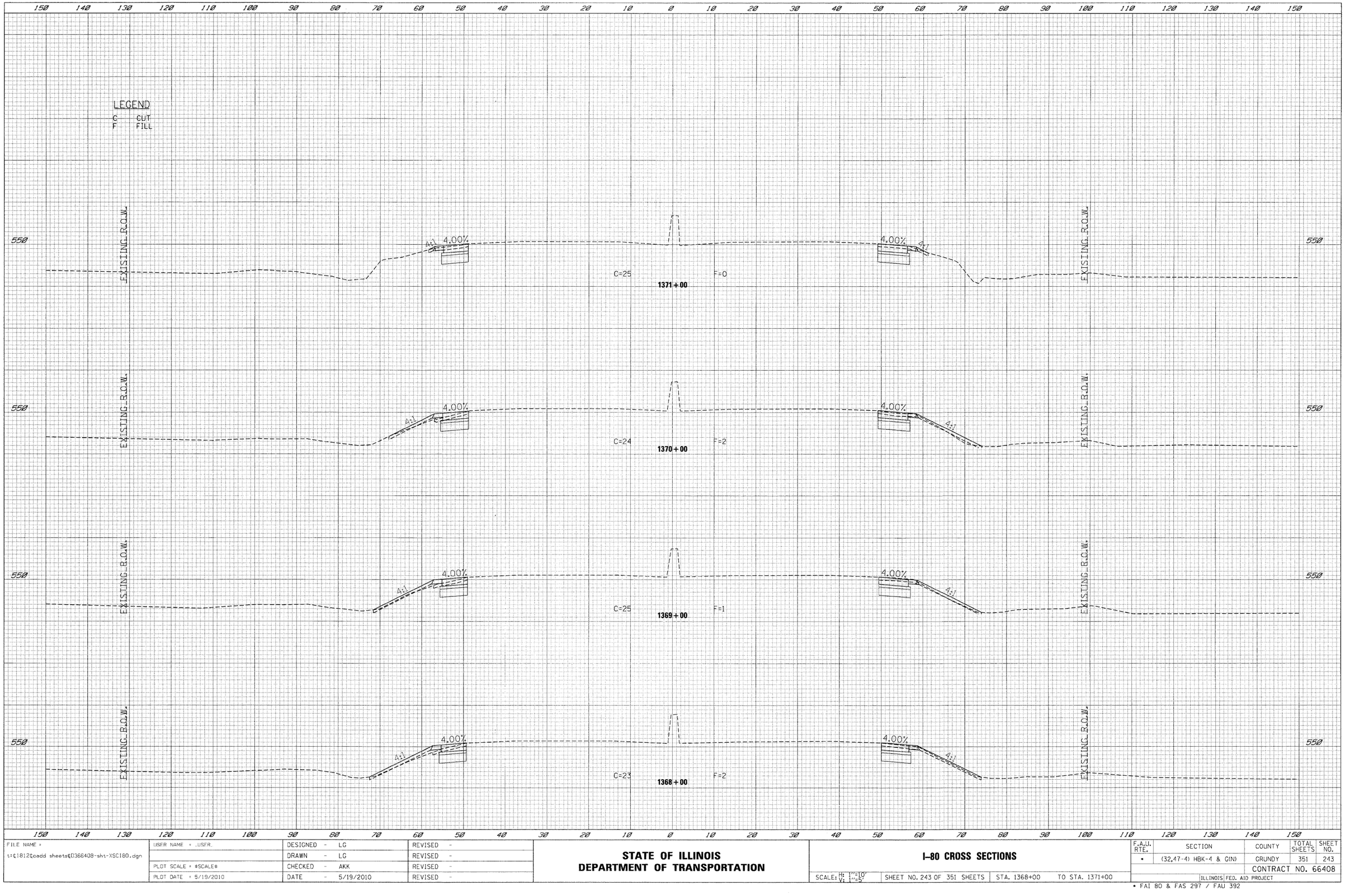
* FAI 80 & FAS 297 / FAU 392

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

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

LEGEND

C CUT
F FILL



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		DRAWN - LG	REVISED -
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	PLOT DATE = 5/19/2010	DATE - 5/19/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80 CROSS SECTIONS

SCALE: H: 1"=10' V: 1"=5' | SHEET NO. 243 OF 351 SHEETS | STA. 1368+00 TO STA. 1371+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(32,47-4) HBK-4 & G(N)	GRUNDY	351	243
		CONTRACT NO. 66408		
	ILLINOIS FED. AID PROJECT			

• FAI 80 & FAS 297 / FAU 392

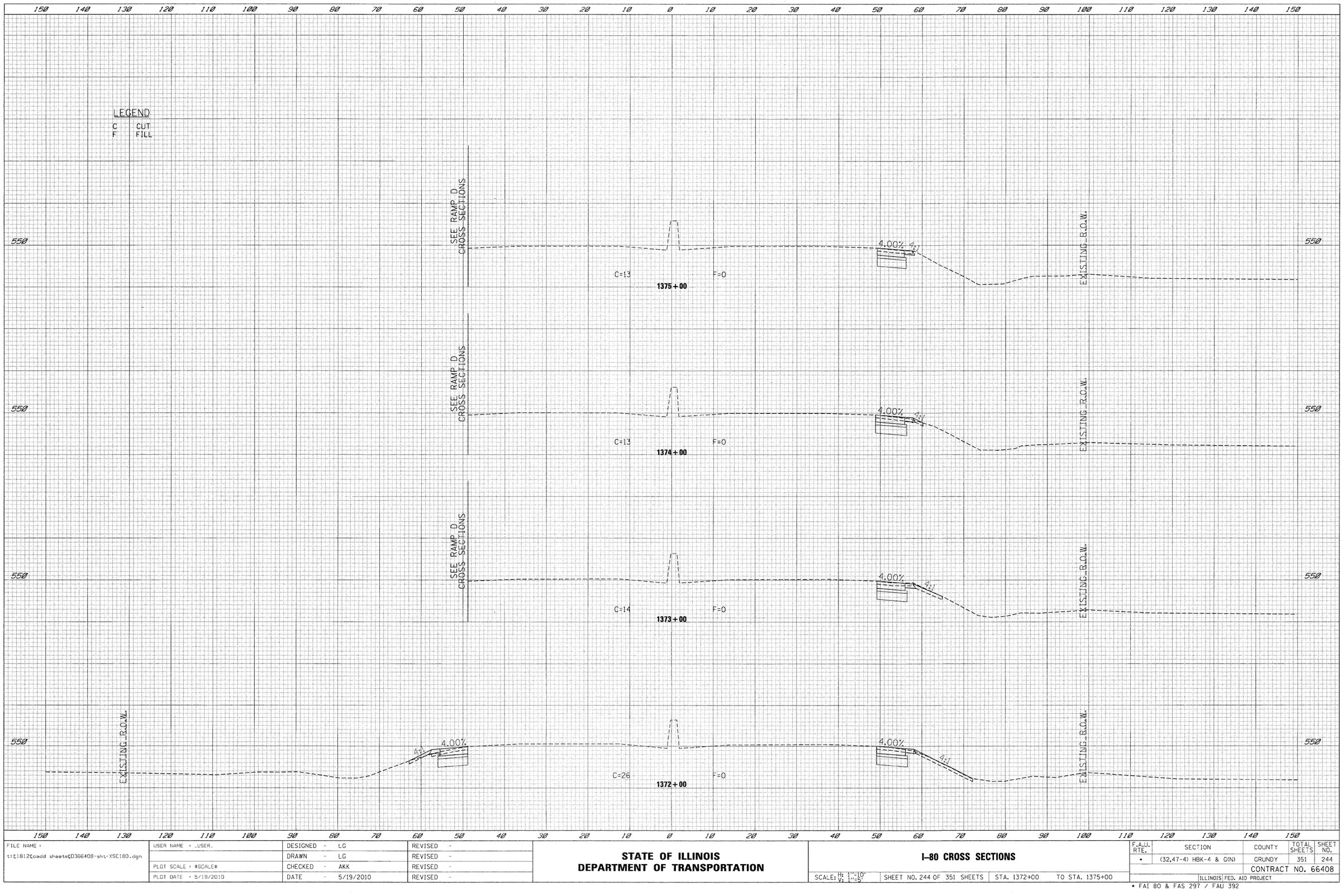
FINAL SURVEY		BY	DATE
	SURVEYED		
	PLOTTED		
NOTE BOOK	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		

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

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

LEGEND

C CUT
F FILL



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		DRAWN - LG	REVISED -
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	PLOT DATE = 5/19/2010	DATE - 5/19/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80 CROSS SECTIONS

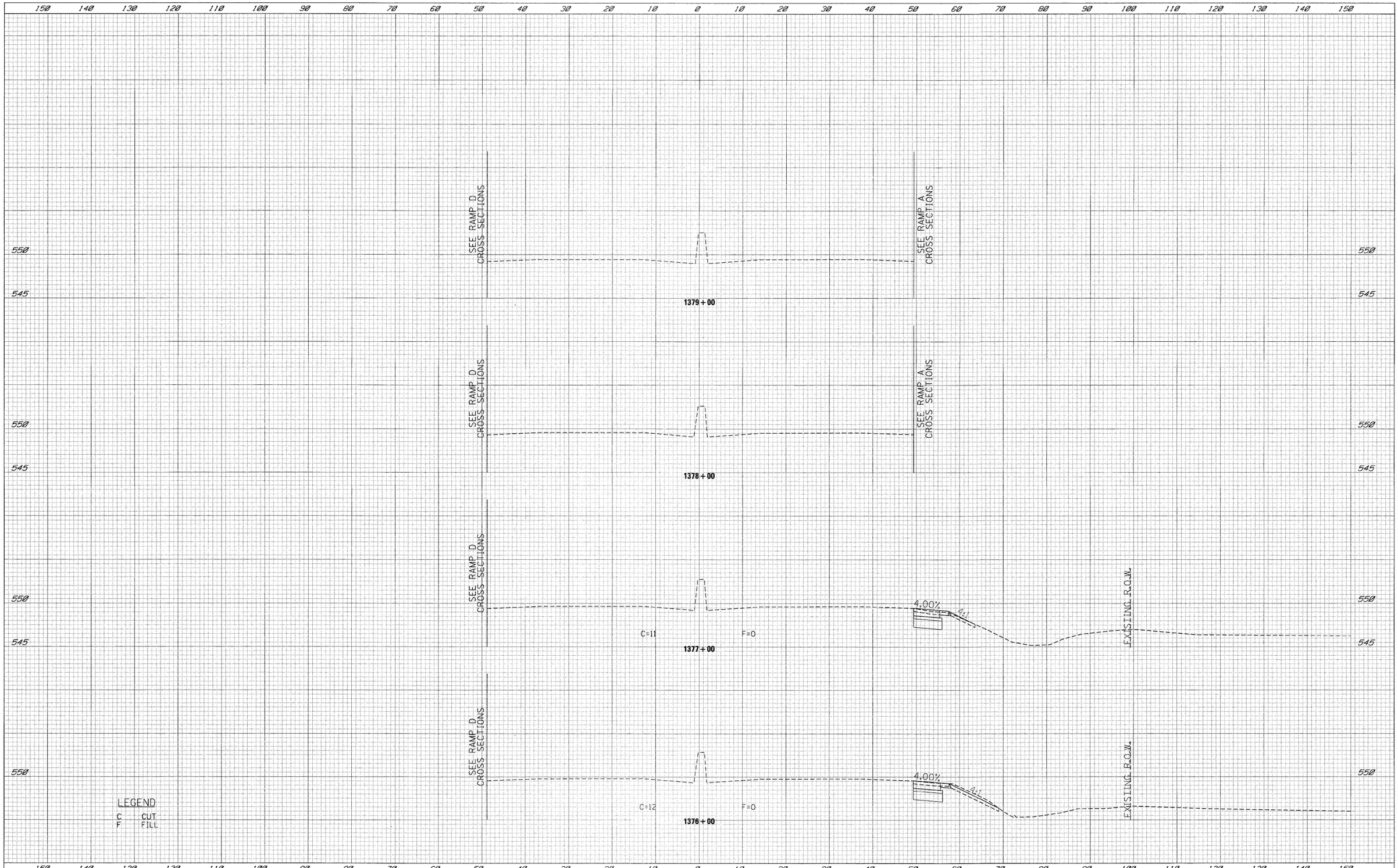
SCALE: H: 1"=10' V: 1"=5' | SHEET NO. 244 OF 351 SHEETS | STA. 1372+00 TO STA. 1375+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(32,47-4) HBK-4 & G(N)	GRUNDY	351	244
		CONTRACT NO. 66408		
	ILLINOIS FED. AID PROJECT			

• FAI 80 & FAS 297 / FAU 392

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

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



FILE NAME = t:\1812\cadd sheets\D366408-sht-XSC180.dgn	USER NAME = _USER_	DESIGNED - LG	REVISED -
		DRAWN - LG	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - AKK	REVISED -
	PLOT DATE = 5/19/2010	DATE - 5/19/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80 CROSS SECTIONS

SCALE: H: 1"=10' V: 1"=5' | SHEET NO. 245 OF 351 SHEETS | STA. 1376+00 | TO STA. 1379+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(32,47-4) HBK-4 & GIN)	GRUNDY	351	245
		CONTRACT NO. 66408		
	ILLINOIS FED. AID PROJECT			

* FAI 80 & FAS 297 / FAU 392

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

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

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

550

545

SEE RAMP D CROSS SECTIONS

SEE RAMP A CROSS SECTIONS

1383+00

1382+00

1381+00

1380+00

LEGEND

C CUT

F FILL

FILE NAME = t:\c1812\cadd sheets\D366408-sht-XSC180.dgn	USER NAME = .USER.	DESIGNED - LG	REVISED -	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**	**I-80 CROSS SECTIONS**
		DRAWN - LG	REVISED -		
	PLOT SCALE = #SCALE#	CHECKED - AKK	REVISED -		
	PLOT DATE = 5/19/2010	DATE - 5/19/2010	REVISED -		SCALE: H: 1"=10' V: 1"=5' SHEET NO. 246 OF 351 SHEETS STA. 1380+00 TO STA. 1383+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(32,47-4) HBK-4 & G(N)	GRUNDY	351	246
		CONTRACT NO. 66408		
	ILLINOIS FED. AID PROJECT			

• FAI 80 & FAS 297 / FAU 392

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

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

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

550
545

SEE RAMP D CROSS SECTIONS

SEE RAMP A CROSS SECTIONS

1387+00

1386+00

1385+00

1384+00

LEGEND
C CUT
F FILL

FILE NAME = t:\1812\cadd sheets\D366408-sht-XSC180.dgn	USER NAME = _USER_	DESIGNED - LG	REVISED -	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**	**I-80 CROSS SECTIONS**
		DRAWN - LG	REVISED -		
	PLOT SCALE = $SCALE$	CHECKED - AKK	REVISED -		
	PLOT DATE = 5/19/2010	DATE - 5/19/2010	REVISED -		SCALE: H: 1"=10' V: 1"=5' SHEET NO. 247 OF 351 SHEETS STA. 1384+00 TO STA. 1387+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(32,47-4) HBK-4 & G(N)	GRUNDY	351	247
		CONTRACT NO. 66408		
	ILLINOIS FED. AID PROJECT			

• FAI 80 & FAS 297 / FAU 392

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

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

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

550 545 540 535

EXISTING R.O.W.

SEE RAMP A CROSS SECTIONS

1390+00

1389+00

SEE RAMP D CROSS SECTIONS

SEE RAMP A CROSS SECTIONS

1388+00

LEGEND

C CUT

F FILL

FILE NAME = t:¢1812¢cadd sheets¢D366408-sht-XSC180.dgn	USER NAME = _USER_	DESIGNED - LG	REVISED -
		DRAWN - LG	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - AKK	REVISED -
	PLOT DATE = 5/19/2010	DATE - 5/19/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80 CROSS SECTIONS

SCALE: H: 1"=10' V: 1"=5' | SHEET NO. 248 OF 351 SHEETS | STA. 1388+00 | TO STA. 1390+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(32,47-4) HBK-4 & G(N)	GRUNDY	351	248
		CONTRACT NO. 66408		
	ILLINOIS FED. AID PROJECT			

• FAI 80 & FAS 297 / FAU 392

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

BY	DATE

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

BY	DATE

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

550 545 540 535

EXISTING R.O.W.

C=26 F=20

4.00%

4%

EXISTING R.O.W.

SEE RAMP A CROSS SECTIONS

1393+00

EXISTING R.O.W.

EXISTING R.O.W.

SEE RAMP A CROSS SECTIONS

1392+00

EXISTING R.O.W.

EXISTING R.O.W.

SEE RAMP A CROSS SECTIONS

1391+00

LEGEND

C CUT

F FILL

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

FILE NAME = t:\1812\cadd sheets\D366408-sht-XSC180.dgn	USER NAME = _USER_	DESIGNED - LG	REVISED -
		DRAWN - LG	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - AKK	REVISED -
	PLOT DATE = 5/19/2010	DATE - 5/19/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

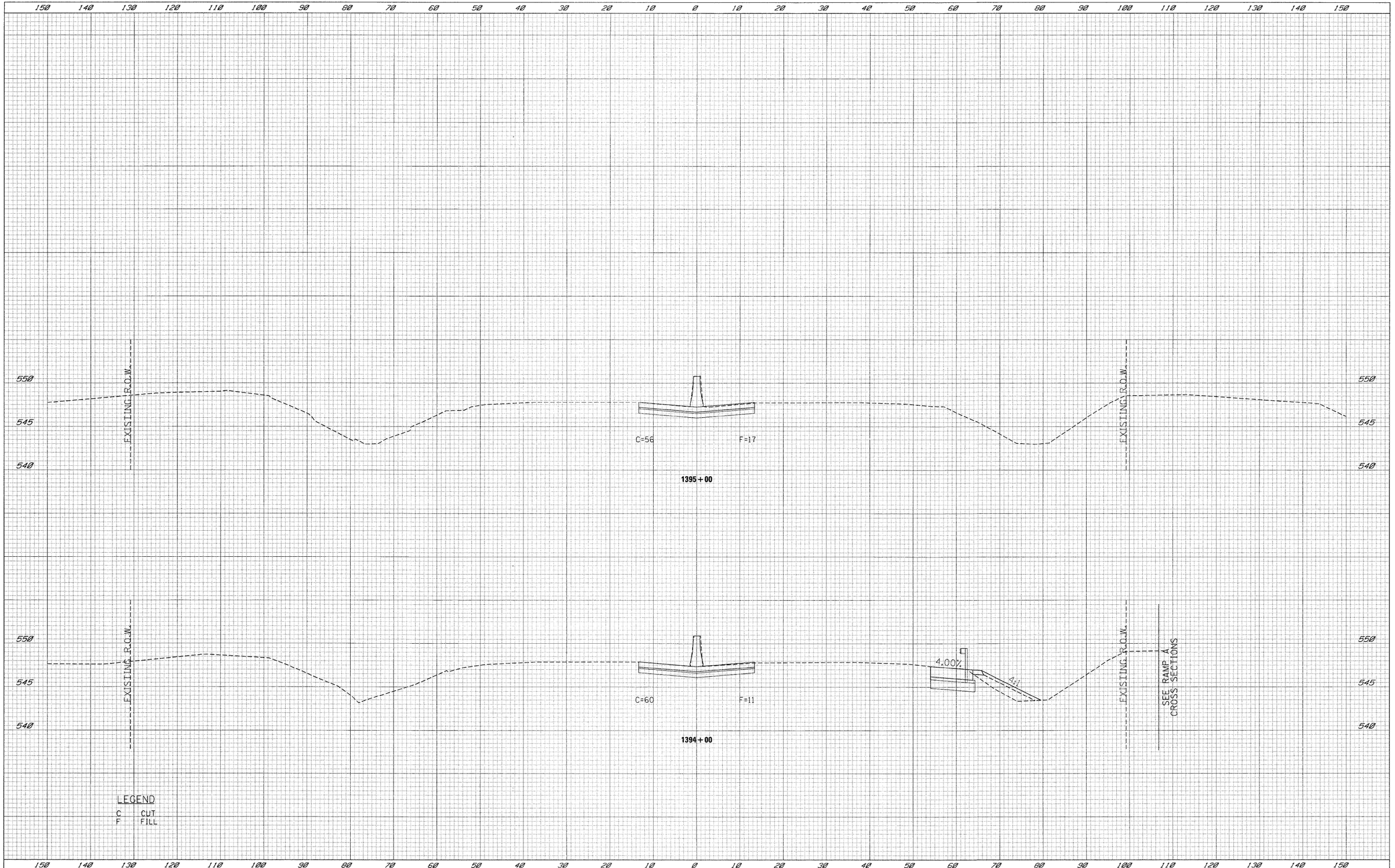
I-80 CROSS SECTIONS

SCALE: H: 1"=10' V: 1"=5' | SHEET NO. 249 OF 351 SHEETS | STA. 1391+00 | TO STA. 1393+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(32,47-4) HBK-4 & GIN)	GRUNDY	351	249
		CONTRACT NO. 66408		
	ILLINOIS	FED. AID PROJECT		

• FAI 80 & FAS 297 / FAU 392

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



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

FILE NAME = t:\1812\cadd sheets\D366408-sht-XSC180.dgn	USER NAME = _USER_	DESIGNED - LG	REVISED -
		DRAWN - LG	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - AKK	REVISED -
	PLOT DATE = 5/19/2010	DATE - 5/19/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

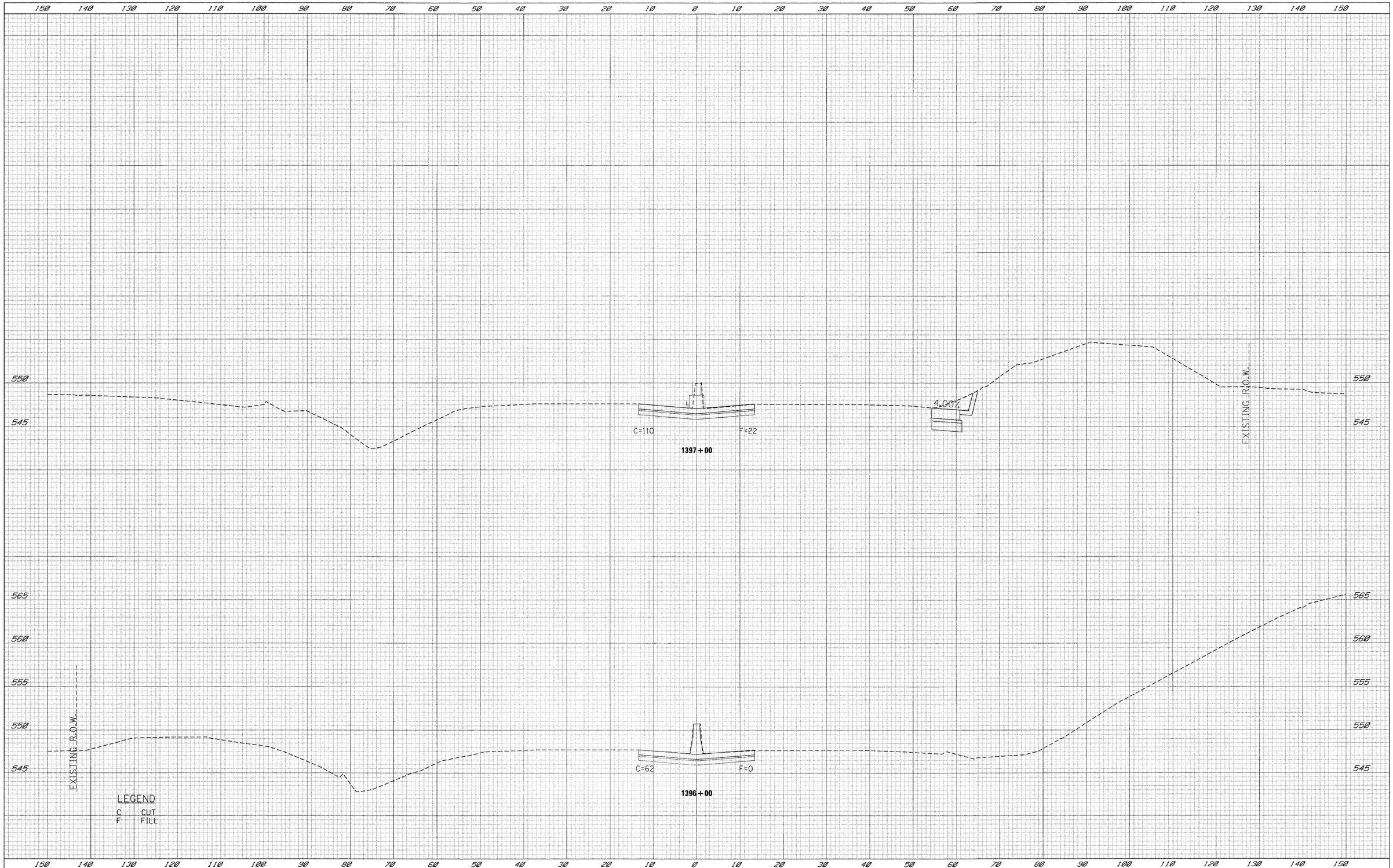
I-80 CROSS SECTIONS

SCALE: H: 1"=10' V: 1"=5' | SHEET NO. 250 OF 351 SHEETS | STA. 1394+00 | TO STA. 1395+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(32,47-4) HBK-4 & GIN)	GRUNDY	351	250
		CONTRACT NO. 66408		
	ILLINOIS FED. AID PROJECT			

• FAI 80 & FAS 297 / FAU 392

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



FILE NAME =	USER NAME = .USER.	DESIGNED - LG	REVISED -
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	PLOT SCALE = $SCALE$	CHECKED - AKK	REVISED -
	PLOT DATE = 5/19/2010	DATE - 5/19/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

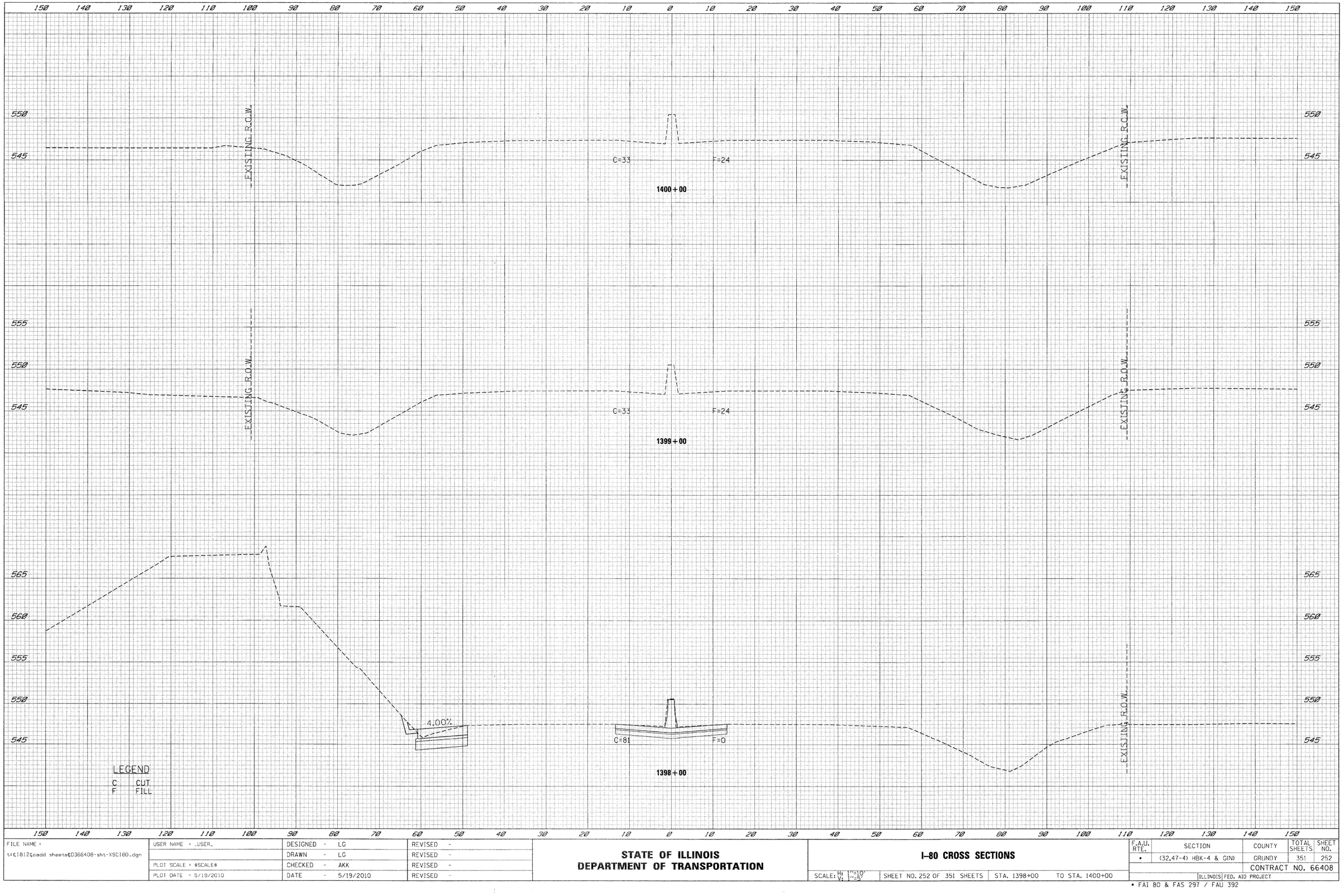
I-80 CROSS SECTIONS

SCALE: H: 1"=10' V: 1"=5' | SHEET NO. 251 OF 351 SHEETS | STA. 1396+00 | TO STA. 1397+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(32,47-4) HBK-4 & G(N)	GRUNDY	351	251
		CONTRACT NO. 66408		
	ILLINOIS FED. AID PROJECT			

• FAI 80 & FAS 297 / FAU 392

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



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

FILE NAME = t:\1812\cadd sheets\D366408-sht-XSC180.dgn	USER NAME = _USER_	DESIGNED - LG	REVISED -
		DRAWN - LG	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - AKK	REVISED -
	PLOT DATE = 5/19/2010	DATE - 5/19/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80 CROSS SECTIONS

SCALE: H: 1"=10' V: 1"=5' | SHEET NO. 252 OF 351 SHEETS | STA. 1398+00 TO STA. 1400+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(32,47-4) HBK-4 & GIN)	GRUNDY	351	252
		CONTRACT NO. 66408		
	ILLINOIS FED. AID PROJECT			

• FAI 80 & FAS 297 / FAU 392

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

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

555
550
545

SEE RAMP C CROSS SECTIONS

EXISTING R.O.W.

1403+00

550
545

EXISTING R.O.W.

C=22 F=10

1402+00

550
545

EXISTING R.O.W.

C=33 F=20

1401+00

LEGEND

C CUT
F FILL

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

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

FILE NAME = t:\1812\cadd sheets\D366408-sht-XSC180.dgn	USER NAME = _USER_	DESIGNED - LG	REVISED -
		DRAWN - LG	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - AKK	REVISED -
	PLOT DATE = 5/19/2010	DATE - 5/19/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80 CROSS SECTIONS

SCALE: H: 1"=10' V: 1"=5' | SHEET NO. 253 OF 351 SHEETS | STA. 1401+00 TO STA. 1403+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(32,47-4) HBK-4 & GIN)	GRUNDY	351	253
		CONTRACT NO. 66408		
	ILLINOIS FED. AID PROJECT			

• FAI 80 & FAS 297 / FAU 392

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

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

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

550
545
540

SEE RAMP C CROSS SECTIONS

1406+00

EXISTING R.O.W.

550
545
540

SEE RAMP C CROSS SECTIONS

1405+00

EXISTING R.O.W.

555
550
545

SEE RAMP C CROSS SECTIONS

1404+00

EXISTING R.O.W.

LEGEND

C CUT
F FILL

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

FILE NAME = t:\c1812\cadd sheets\D366408-sht-XSI80.dgn	USER NAME = _USER_	DESIGNED - LC	REVISED -
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	PLOT DATE = 5/19/2010	DATE - 5/19/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80 CROSS SECTIONS

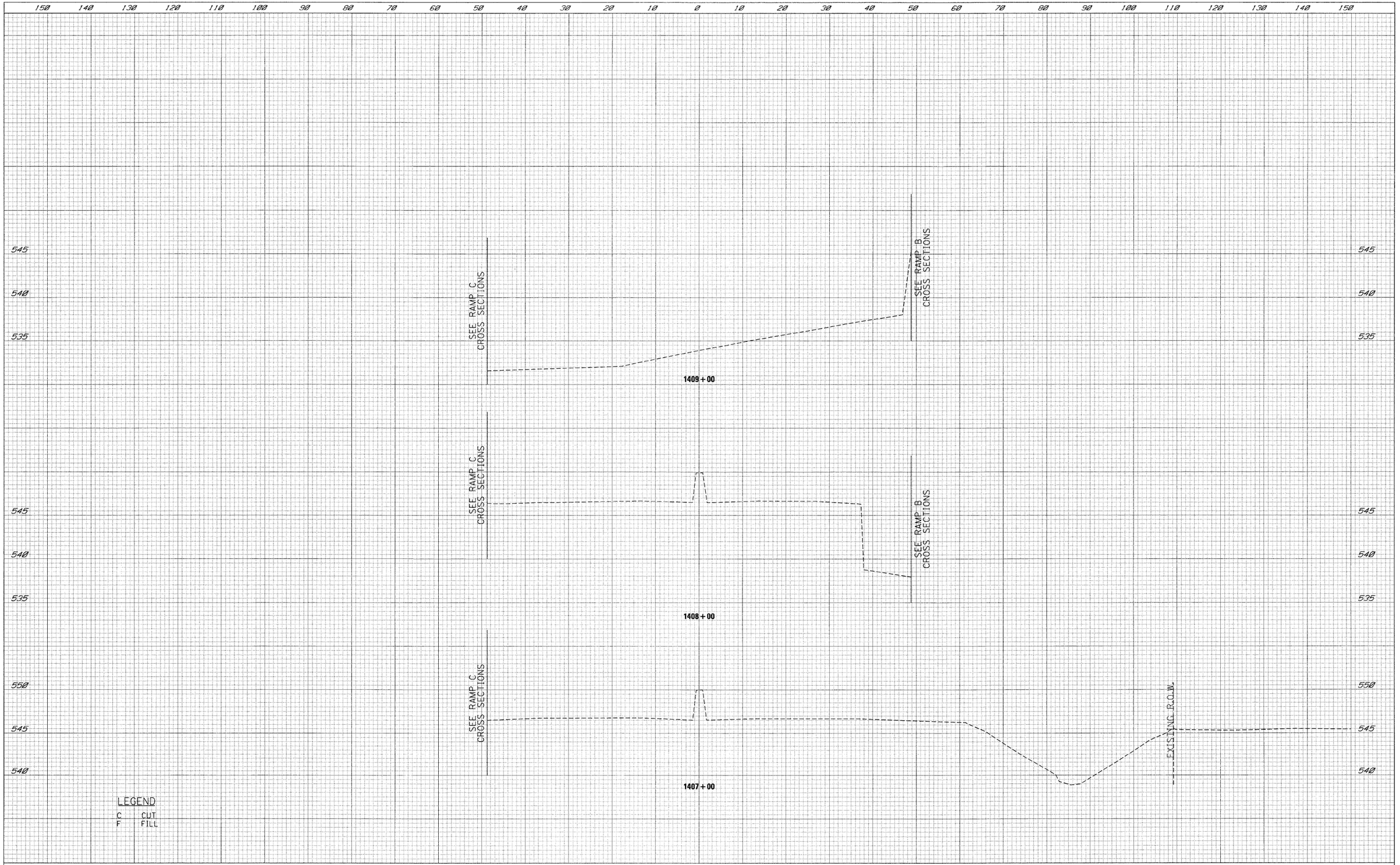
SCALE: H: 1"=10' V: 1"=5' | SHEET NO. 254 OF 351 SHEETS | STA. 1404+00 | TO STA. 1406+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(32,47-4) HBK-4 & G(N)	GRUNDY	351	254
		CONTRACT NO. 66408		
	ILLINOIS FED. AID PROJECT			

* FAI 80 & FAS 297 / FAU 392

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

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



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		DRAWN - LG	REVISED -
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	PLOT DATE = 5/19/2010	DATE - 5/19/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80 CROSS SECTIONS

SCALE: H: 1"=10' V: 1"=5' | SHEET NO. 255 OF 351 SHEETS | STA. 1407+00 | TO STA. 1409+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(32,47-4) HBK-4 & GIN)	GRUNDY	351	255
		CONTRACT NO. 66408		
	ILLINOIS FED. AID PROJECT			

* FAI 80 & FAS 297 / FAU 392

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

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

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

550 545 540 535

SEE RAMP C CROSS SECTIONS

SEE RAMP B CROSS SECTIONS

1412+00

1411+00

1410+00

LEGEND

C CUT
F FILL

FILE NAME = t:\1812\cadd sheets\D366408-sht-XSC180.dgn	USER NAME = _USER_	DESIGNED - LG	REVISED -
		DRAWN - LG	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - AKK	REVISED -
	PLOT DATE = 5/19/2010	DATE - 5/19/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80 CROSS SECTIONS

SCALE: H: 1"=10' V: 1"=5' | SHEET NO. 256 OF 351 SHEETS | STA. 1410+00 | TO STA. 1412+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(32,47-4) HBK-4 & GIN)	GRUNDY	351	256
		CONTRACT NO. 66408		
	ILLINOIS	FED. AID PROJECT		

* FAI 80 & FAS 297 / FAU 392

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

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

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

550
545
540

SEE RAMP C CROSS SECTIONS

SEE RAMP B CROSS SECTIONS

1415+00

1414+00

1413+00

LEGEND

C CUT
F FILL

FILE NAME = t:\1812\cadd sheets\D366408-sht-XSC180.dgn	USER NAME = _USER_	DESIGNED - LG	REVISED -
		DRAWN - LG	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - AKK	REVISED -
	PLOT DATE = 5/19/2010	DATE - 5/19/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

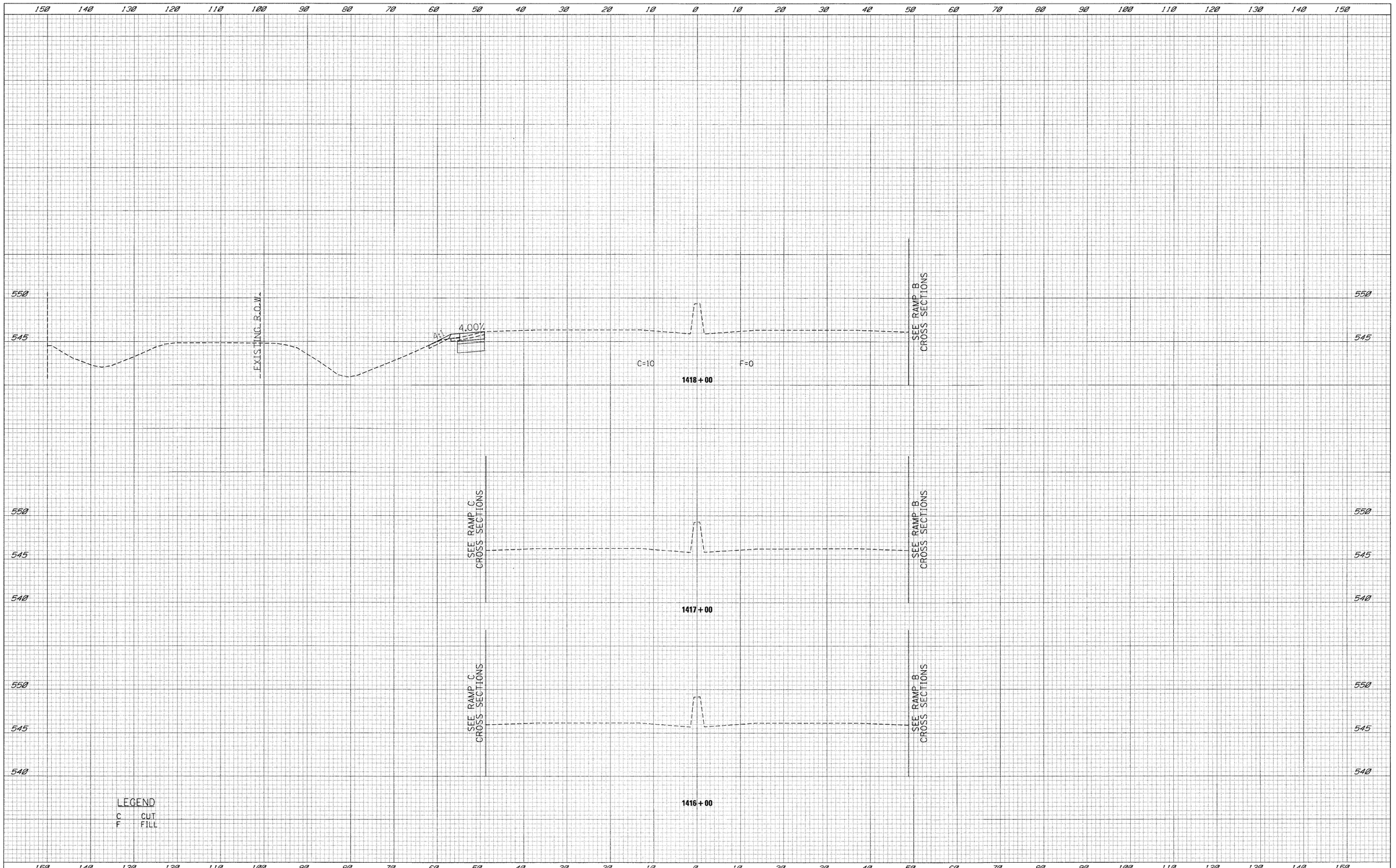
I-80 CROSS SECTIONS

SCALE: H: 1"=10' V: 1"=5' | SHEET NO. 257 OF 351 SHEETS | STA. 1413+00 | TO STA. 1415+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(32,47-4) HBK-4 & G(N)	GRUNDY	351	257
		CONTRACT NO. 66408		
		ILLINOIS FED. AID PROJECT		

• FAI 80 & FAS 297 / FAU 392

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



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

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	PLOT DATE = 5/19/2010	DATE - 5/19/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80 CROSS SECTIONS

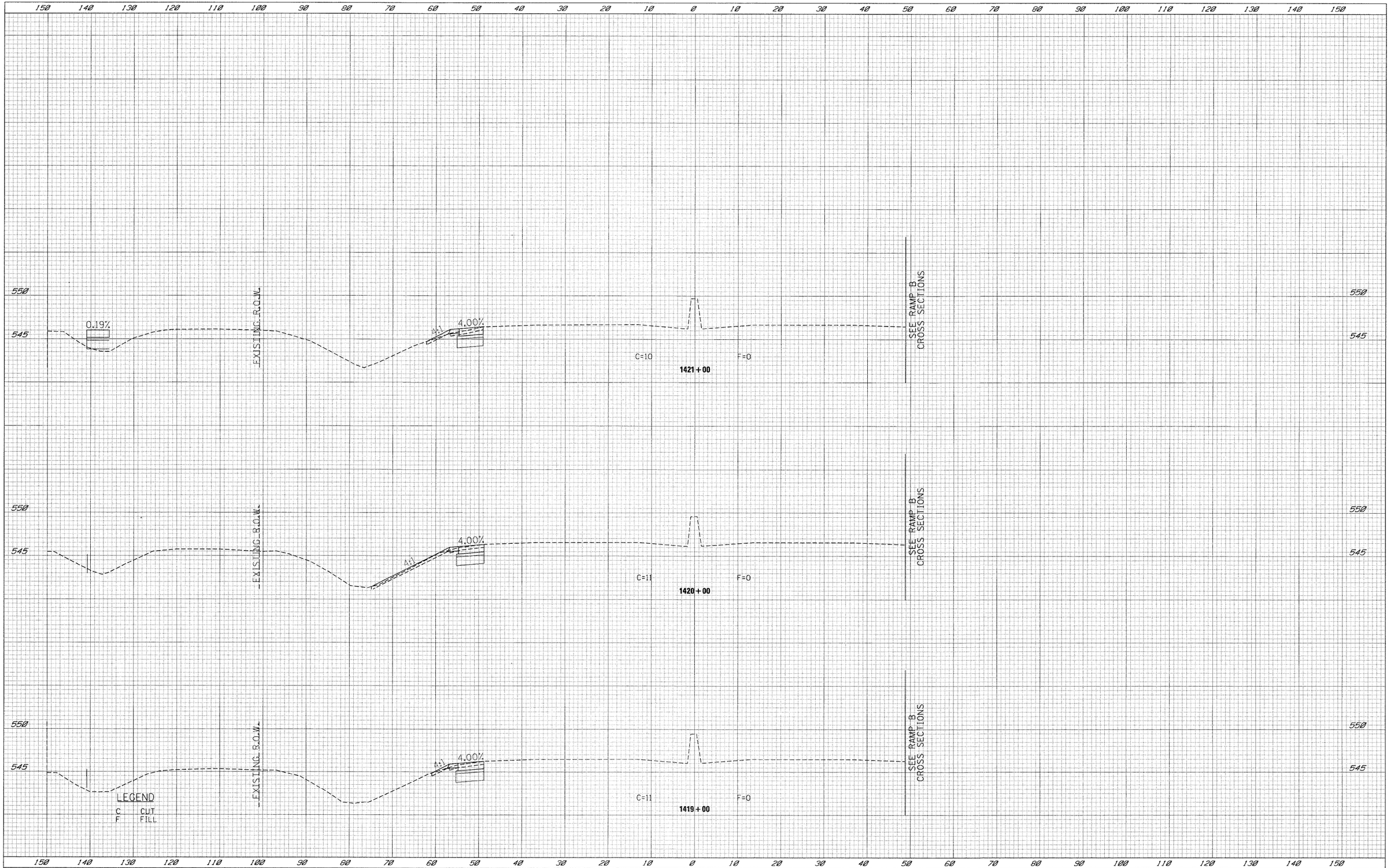
SCALE: H: 1"=10' V: 1"=5' | SHEET NO. 258 OF 351 SHEETS | STA. 1416+00 | TO STA. 1418+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(32,47-4) HBK-4 & GIN)	GRUNDY	351	258
		CONTRACT NO. 66408		
	ILLINOIS FED. AID PROJECT			

• FAI 80 & FAS 297 / FAU 392

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

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



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	PLOT DATE = 5/19/2010	DATE - 5/19/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

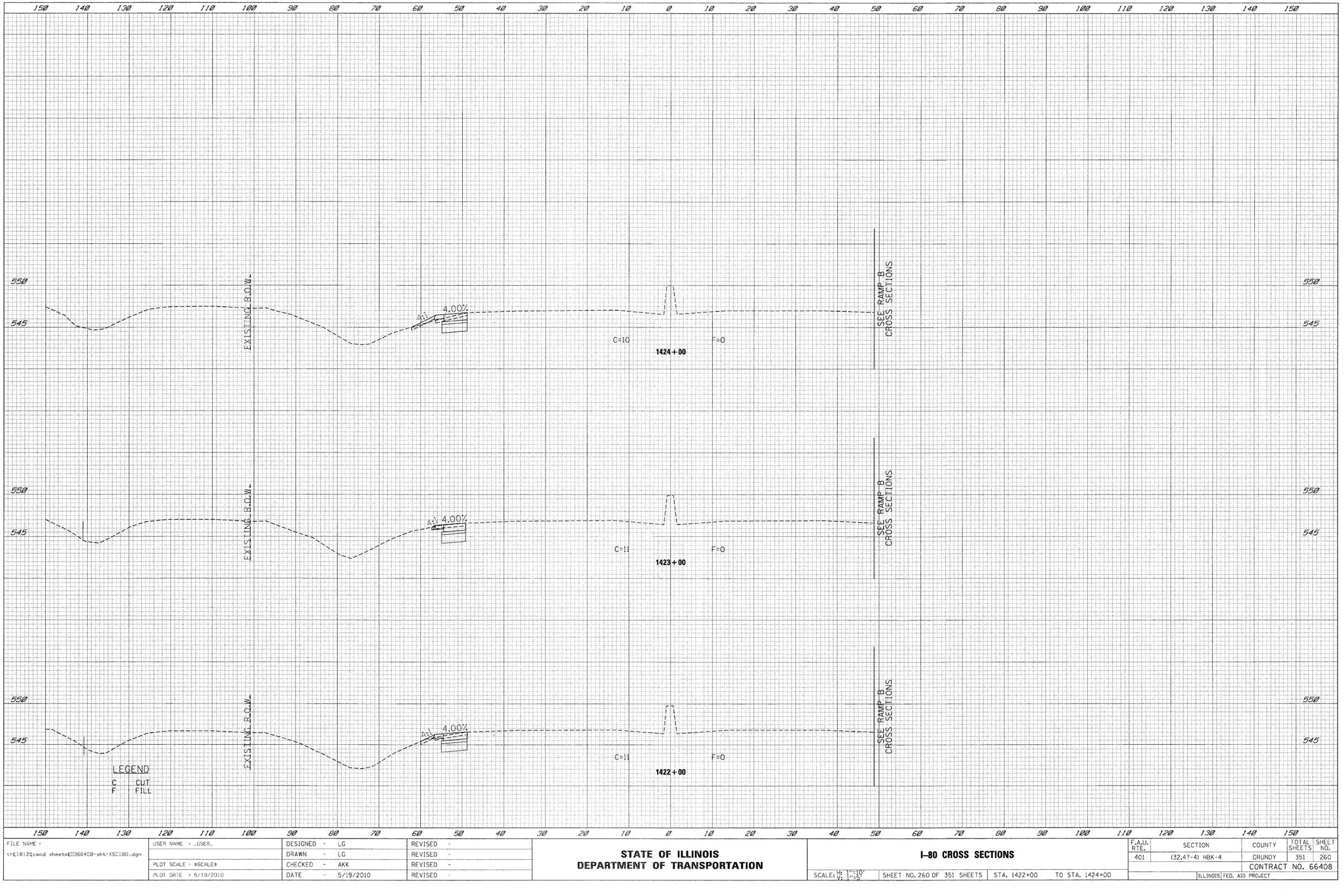
I-80 CROSS SECTIONS

SCALE: H: 1"=10' V: 1"=5' | SHEET NO. 259 OF 351 SHEETS | STA. 1419+00 | TO STA. 1421+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(32,47-4) HBK-4 & GIN)	GRUNDY	351	259
		CONTRACT NO. 66408		
		ILLINOIS FED. AID PROJECT		

• FAI 80 & FAS 297 / FAU 392

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



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

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		DRAWN - LG	REVISED -
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	PLOT DATE = 5/19/2010	DATE - 5/19/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80 CROSS SECTIONS

SCALE: H: 1"=10' V: 1"=5' | SHEET NO. 260 OF 351 SHEETS | STA. 1422+00 | TO STA. 1424+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
401	(32,47-4) HBK-4	GRUNDY	351	260
		CONTRACT NO. 66408		
	ILLINOIS FED. AID PROJECT			

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

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

550
545

EXISTING R.O.W.

4:1 4.00%

C=23 F=0

1428+00

4.00% 4:1

EXISTING R.O.W.

550
545

550
545

EXISTING R.O.W.

4:1 4.00%

C=22 F=0

1427+00

4.00%

EXISTING R.O.W.

550
545

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

550
545

EXISTING R.O.W.

4:1 4.00%

C=22 F=0

1426+00

4.00% 4:1

EXISTING R.O.W.

550
545

550
545

EXISTING R.O.W.

4:1 4.00%

C=10 F=0

1425+00

SEE RAMP B CROSS SECTIONS

550
545

LEGEND

C CUT
F FILL

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

FILE NAME = t:\1812\cadd sheets\D366408-sht-XSC180.dgn	USER NAME = _USER_	DESIGNED - LG	REVISED -
		DRAWN - LG	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - AKK	REVISED -
	PLOT DATE = 5/19/2010	DATE - 5/19/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80 CROSS SECTIONS

SCALE: H: 1"=10' V: 1"=5' | SHEET NO. 261 OF 351 SHEETS | STA. 1425+00 TO STA. 1428+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(32,47-4) HBK-4 & G(N)	GRUNDY	351	261
		CONTRACT NO. 66408		
	ILLINOIS FED. AID PROJECT			

* FAI 80 & FAS 297 / FAU 392

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

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

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

550
545

EXISTING R.O.W.

4:1 4.00%

C=20 F=2

1432+00

C=21 F=0

1431+00

C=22 F=2

1430+00

C=21 F=0

1429+00

LEGEND

C CUT
F FILL

FILE NAME = t:\1812\cadd sheets\D366408-sht-XSC180.dgn	USER NAME = _USER_	DESIGNED - LG	REVISED -
		DRAWN - LG	REVISED -
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	PLOT DATE = 5/19/2010	DATE - 5/19/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

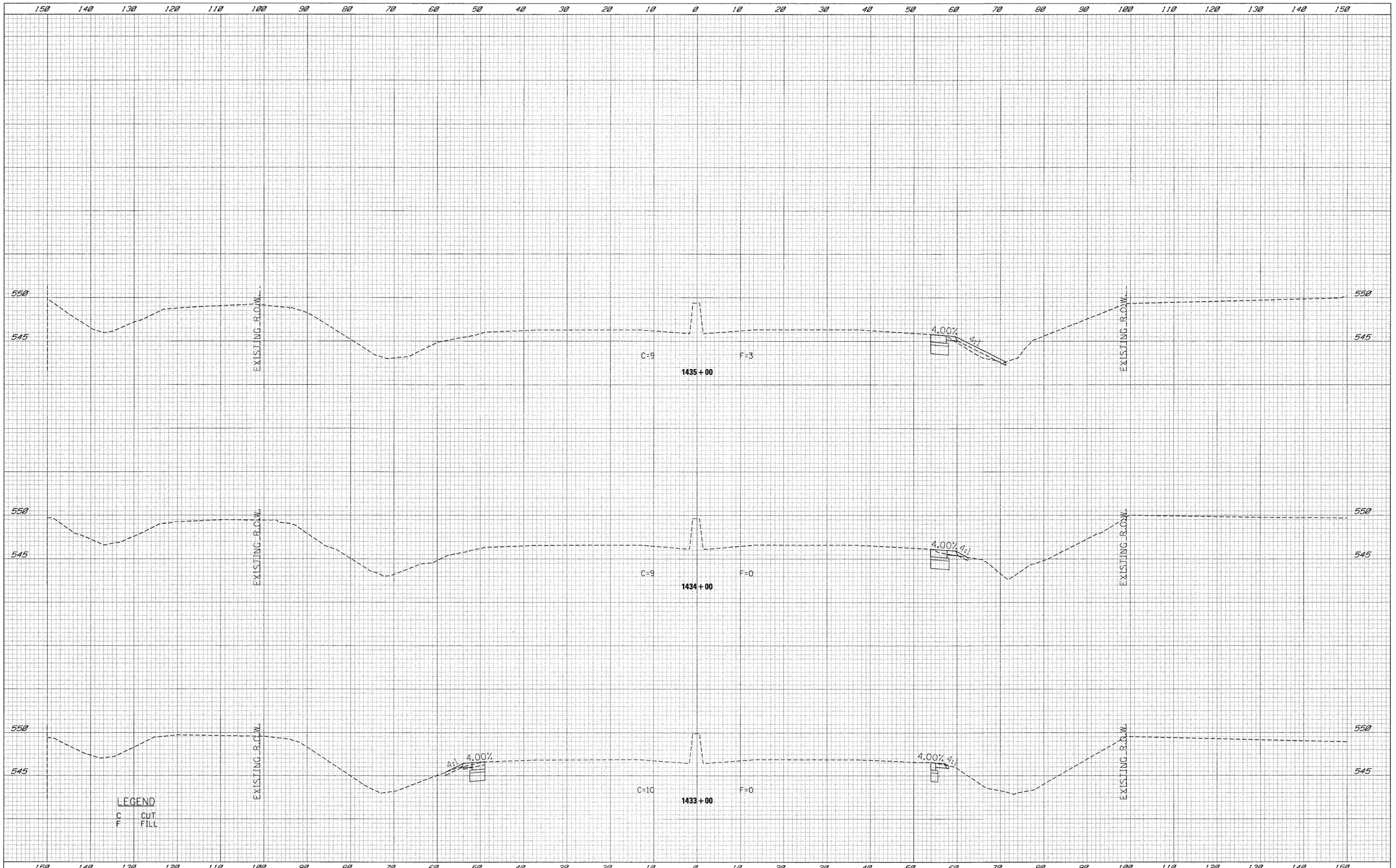
I-80 CROSS SECTIONS

SCALE: H: 1"=10' V: 1"=5' | SHEET NO. 262 OF 351 SHEETS | STA. 1429+00 | TO STA. 1432+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(32,47-4) HBK-4 & G(N)	GRUNDY	351	262
		CONTRACT NO. 66408		
	ILLINOIS FED. AID PROJECT			

* FAI 80 & FAS 297 / FAU 392

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



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

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		DRAWN - LG	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - AKK	REVISED -
	PLOT DATE = 5/19/2010	DATE - 5/19/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80 CROSS SECTIONS

SCALE: H: 1"=10' V: 1"=5' | SHEET NO. 263 OF 351 SHEETS | STA. 1433+00 | TO STA. 1435+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(32,47-4) HBK-4 & GIN)	GRUNDY	351	263
		CONTRACT NO. 66408		
	ILLINOIS	FED. AID PROJECT		

* FAI 80 & FAS 297 / FAU 392

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

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

555
550
545
540

STAGE 5 C=0
STAGE 4 C=0
STAGE 3 C=0
STAGE 2 C=3
STAGE 1 C=0

STAGE 5 F=0
STAGE 4 F=0
STAGE 3 F=0
STAGE 2 F=4
STAGE 1 F=13

189+00

555
550
545
540

STAGE 5 C=0
STAGE 4 C=0
STAGE 3 C=0
STAGE 2 C=2
STAGE 1 C=0

STAGE 5 F=0
STAGE 4 F=0
STAGE 3 F=0
STAGE 2 F=6
STAGE 1 F=12

188+00

LEGEND

C CUT
F FILL
TEMPORARY PAVEMENT

STAGE 1: CONSTRUCT TEMPORARY PAVEMENT SOUTH SIDE OF US6
STAGE 2: CONSTRUCT PROPOSED PAVEMENT AND TEMPORARY PAVEMENT NORTH SIDE OF US6
STAGE 3: CONSTRUCT SOUTH SIDE OF US6
STAGE 4: NO EARTHWORK
STAGE 5: REMOVE TEMPORARY PAVEMENT, FINAL GRADING

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

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

FILE NAME = t:\1812\cadd sheets\D366408-sht-XSCUS6.dgn	USER NAME = _USER_	DESIGNED - LG	REVISED -
		DRAWN - LG	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - AKK	REVISED -
	PLOT DATE = 5/19/2010	DATE - 5/19/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 6 CROSS SECTIONS

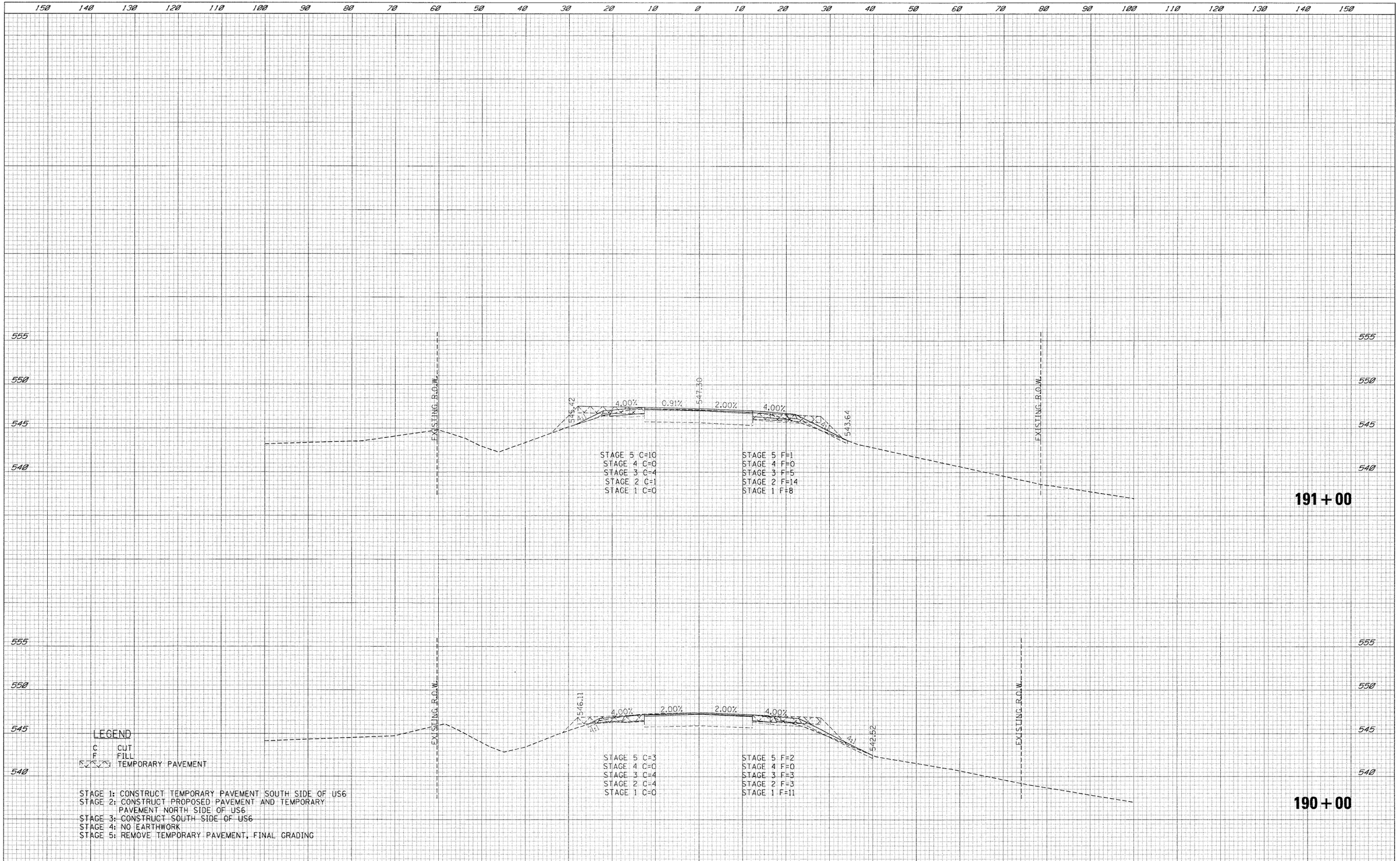
SCALE: H: 1"=10' V: 1"=5' | SHEET NO. 264 OF 351 SHEETS | STA. 188+00 | TO STA. 189+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(32,47-4) HBK-4 & GIN)	GRUNDY	351	264
		CONTRACT NO. 66408		
	ILLINOIS FED. AID PROJECT			

• FAI 80 & FAS 297 / FAU 392

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

BY	DATE



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

BY	DATE

FILE NAME = t:\1812\tcadd sheets\D366408-sht-XSCUS6.dgn	USER NAME = \USER\	DESIGNED - LG	REVISED -
		DRAWN - LG	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - AKK	REVISED -
	PLOT DATE = 5/19/2010	DATE - 5/19/2010	REVISED -

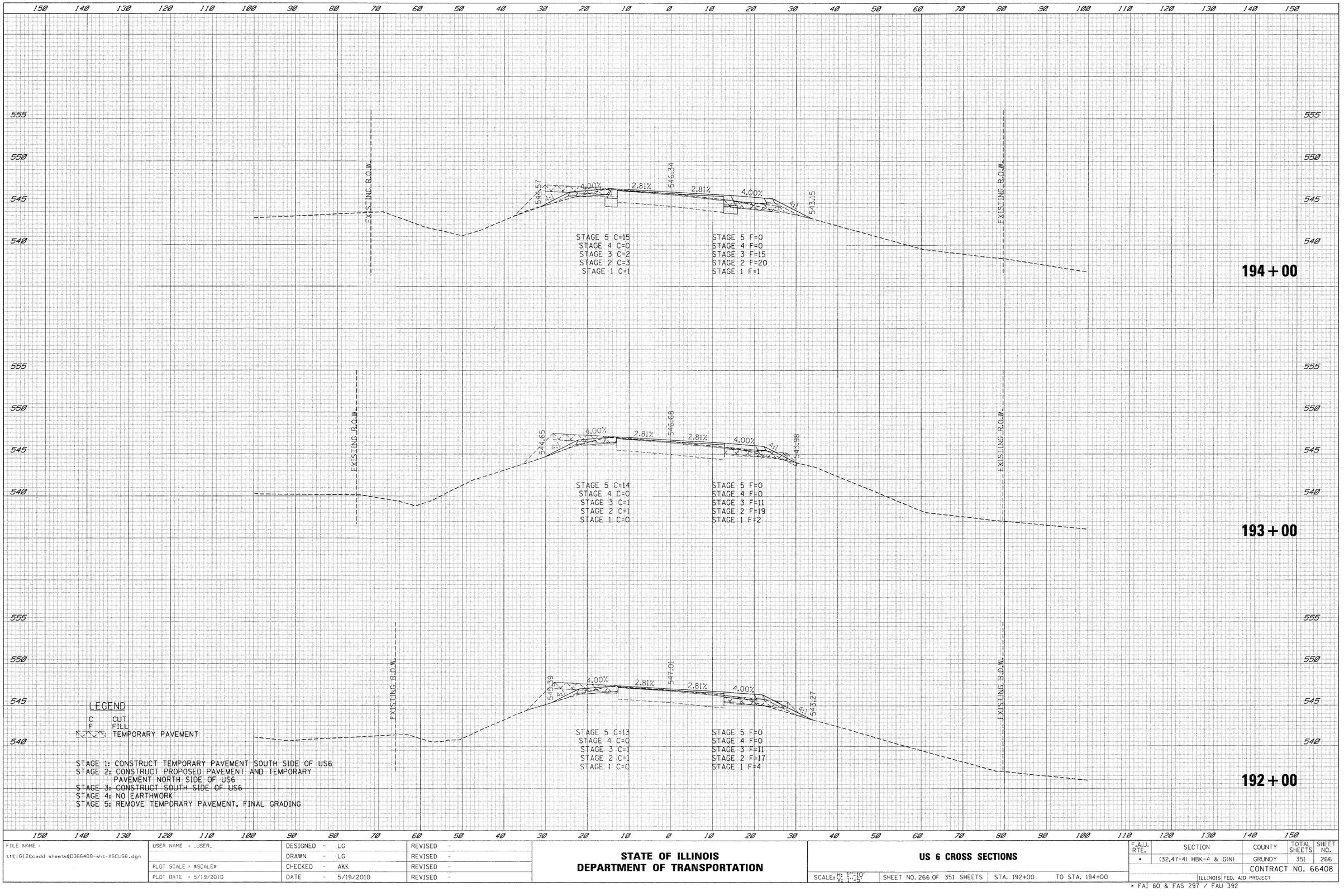
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 6 CROSS SECTIONS

SCALE: H: 1"=10' V: 1"=5' | SHEET NO. 265 OF 351 SHEETS | STA. 190+00 | TO STA. 191+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(32,47-4) HBK-4 & G(N)	GRUNDY	351	265
		CONTRACT NO. 66408		
	ILLINOIS	FED. AID PROJECT		

• FAI 80 & FAS 297 / FAU 392



STAGE 1: CONSTRUCT TEMPORARY PAVEMENT SOUTH SIDE OF US6
STAGE 2: CONSTRUCT PROPOSED PAVEMENT AND TEMPORARY PAVEMENT NORTH SIDE OF US6
STAGE 3: CONSTRUCT SOUTH SIDE OF US6
STAGE 4: NO EARTHWORK
STAGE 5: REMOVE TEMPORARY PAVEMENT, FINAL GRADING

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

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

FILE NAME = s:\1612\cadd sheets\D366408-sht-XSCUS6.dgn	USER NAME = _USER_	DESIGNED - LG	REVISED -
		DRAWN - LG	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - AKK	REVISED -
	PLOT DATE = 5/19/2010	DATE - 5/19/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 6 CROSS SECTIONS

SCALE: H: 1"=10' V: 1"=5' | SHEET NO. 266 OF 351 SHEETS | STA. 192+00 | TO STA. 194+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(32,47-4) HBK-4 & GIN)	GRUNDY	351	266
		CONTRACT NO. 66408		
		ILLINOIS FED. AID PROJECT		

• FAI 80 & FAS 297 / FAU 392

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

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

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		DRAWN - LG	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - AKK	REVISED -
	PLOT DATE = 5/19/2010	DATE - 5/19/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 6 CROSS SECTIONS

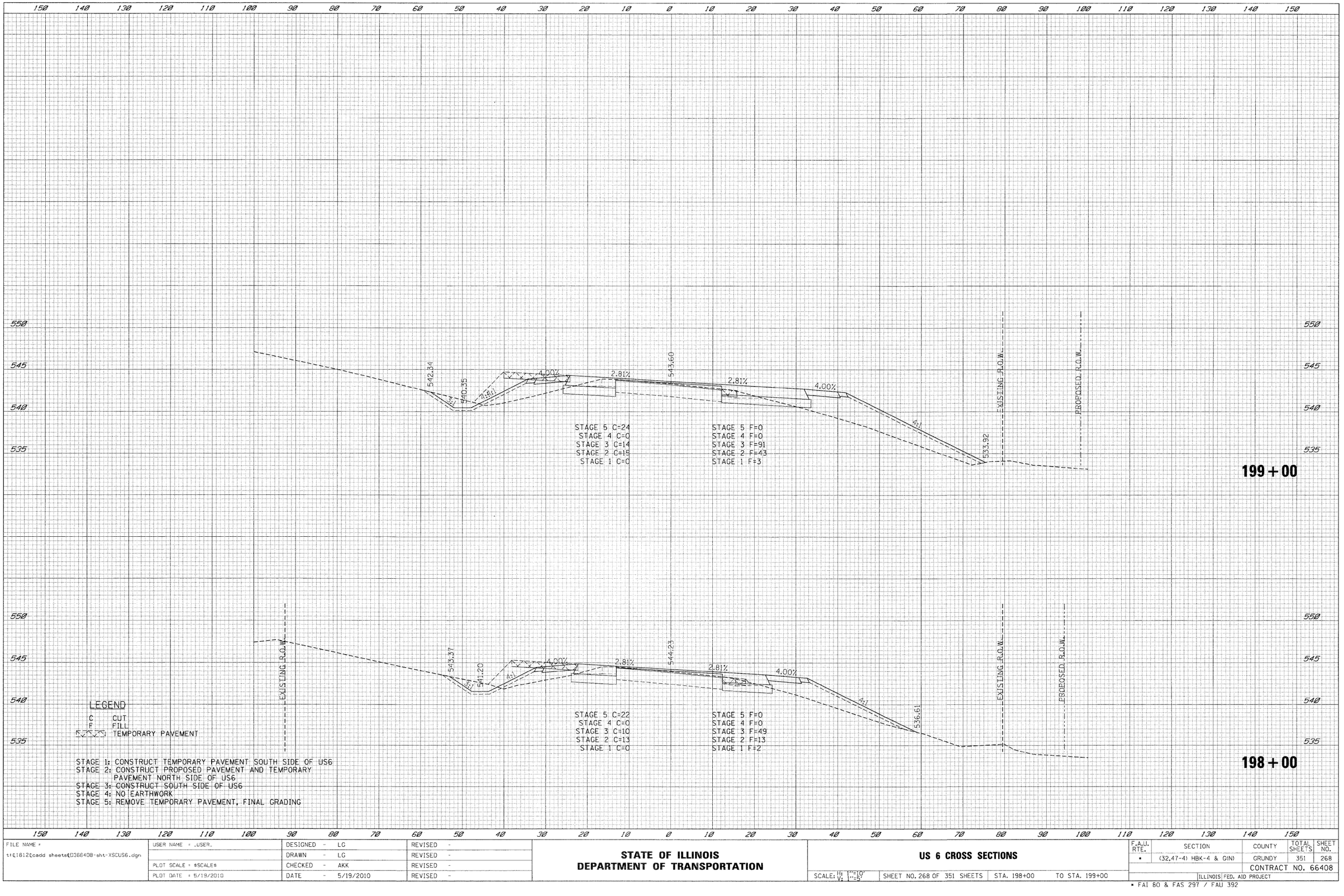
SCALE: H: 1"=10' V: 1"=5' | SHEET NO. 267 OF 351 SHEETS | STA. 195+00 TO STA. 197+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(32,47-4) HBK-4 & G(N)	GRUNDY	351	267
		CONTRACT NO. 66408		
	ILLINOIS FED. AID PROJECT			

* FAI 80 & FAS 297 / FAU 392

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

BY	DATE



LEGEND

C CUT
F FILL
TEMPORARY PAVEMENT

STAGE 1: CONSTRUCT TEMPORARY PAVEMENT SOUTH SIDE OF US6
STAGE 2: CONSTRUCT PROPOSED PAVEMENT AND TEMPORARY PAVEMENT NORTH SIDE OF US6
STAGE 3: CONSTRUCT SOUTH SIDE OF US6
STAGE 4: NO EARTHWORK
STAGE 5: REMOVE TEMPORARY PAVEMENT, FINAL GRADING

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

BY	DATE

FILE NAME = t:\1812\cadd sheets\D366408-sht-XSCUS6.dgn	USER NAME = _USER_	DESIGNED - LG	REVISED -
		DRAWN - LG	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - AKK	REVISED -
	PLOT DATE = 5/19/2010	DATE - 5/19/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

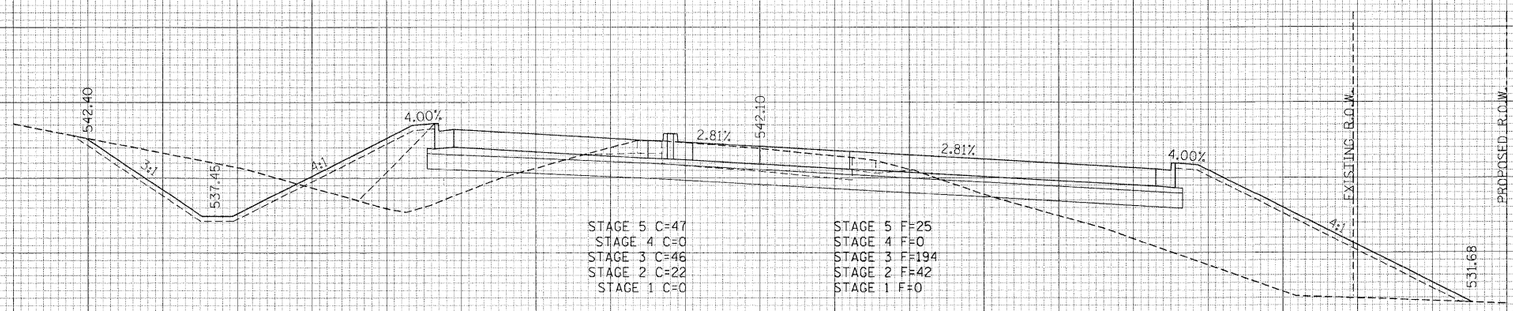
US 6 CROSS SECTIONS

SCALE: H: 1"=10' V: 1"=5' | SHEET NO. 268 OF 351 SHEETS | STA. 198+00 | TO STA. 199+00

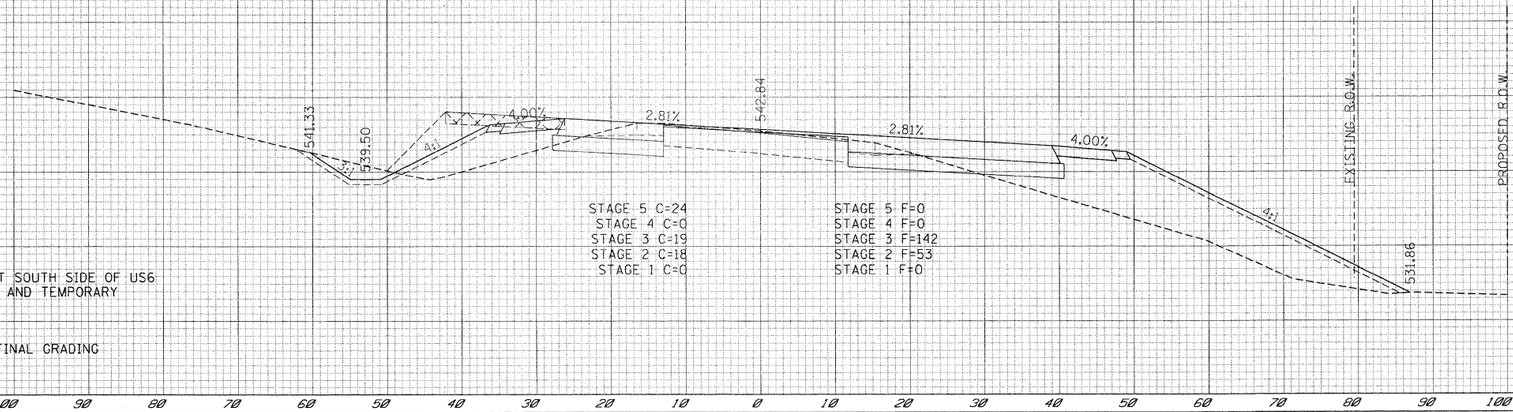
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(32,47-4) HBK-4 & GIN)	GRUNDY	351	268
		CONTRACT NO. 66408		
		ILLINOIS FED. AID PROJECT		

* FAI 80 & FAS 297 / FAU 392

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



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



LEGEND

C CUT

F FILL

TEMPORARY PAVEMENT

STAGE 1: CONSTRUCT TEMPORARY PAVEMENT SOUTH SIDE OF US6
STAGE 2: CONSTRUCT PROPOSED PAVEMENT AND TEMPORARY PAVEMENT NORTH SIDE OF US6
STAGE 3: CONSTRUCT SOUTH SIDE OF US6
STAGE 4: NO EARTHWORK
STAGE 5: REMOVE TEMPORARY PAVEMENT, FINAL GRADING

FILE NAME =	USER NAME = _USER_	DESIGNED - LG	REVISED -
t:\1812\cadd sheets\D366408-sht-XSCUS6.dgn		DRAWN - LG	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - AKK	REVISED -
	PLOT DATE = 5/19/2010	DATE - 5/19/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 6 CROSS SECTIONS

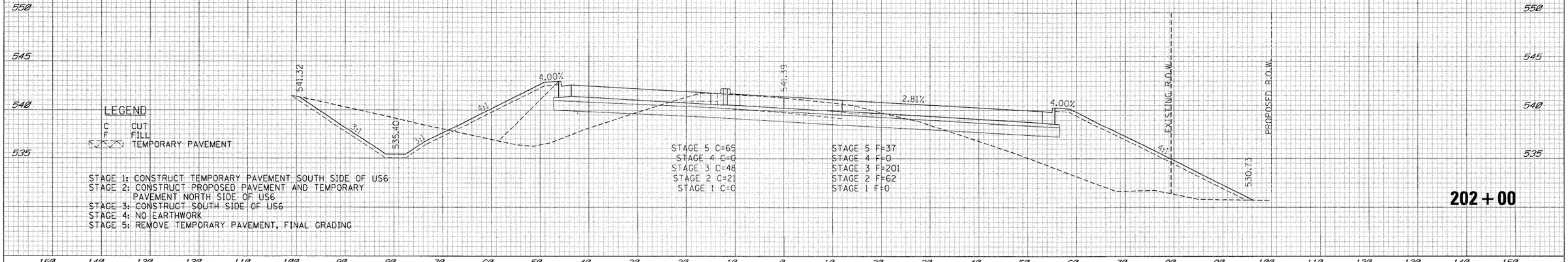
SCALE: H: 1"=10' V: 1"=5' | SHEET NO. 269 OF 351 SHEETS | STA. 200+00 | TO STA. 201+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(32,47-4) HBK-4 & GIN)	GRUNDY	351	269
		CONTRACT NO. 66408		
	ILLINOIS	FED. AID PROJECT		

• FAI 80 & FAS 297 / FAU 392

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

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



STAGE 1: CONSTRUCT TEMPORARY PAVEMENT SOUTH SIDE OF US6
STAGE 2: CONSTRUCT PROPOSED PAVEMENT AND TEMPORARY PAVEMENT NORTH SIDE OF US6
STAGE 3: CONSTRUCT SOUTH SIDE OF US6
STAGE 4: NO EARTHWORK
STAGE 5: REMOVE TEMPORARY PAVEMENT, FINAL GRADING

FILE NAME = t:\1812\caadd sheets\0366408-sht-XSCUS6.dgn	USER NAME = _USER_	DESIGNED - LG	REVISED -
		DRAWN - LG	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - AKK	REVISED -
	PLOT DATE = 5/19/2010	DATE - 5/19/2010	REVISED -

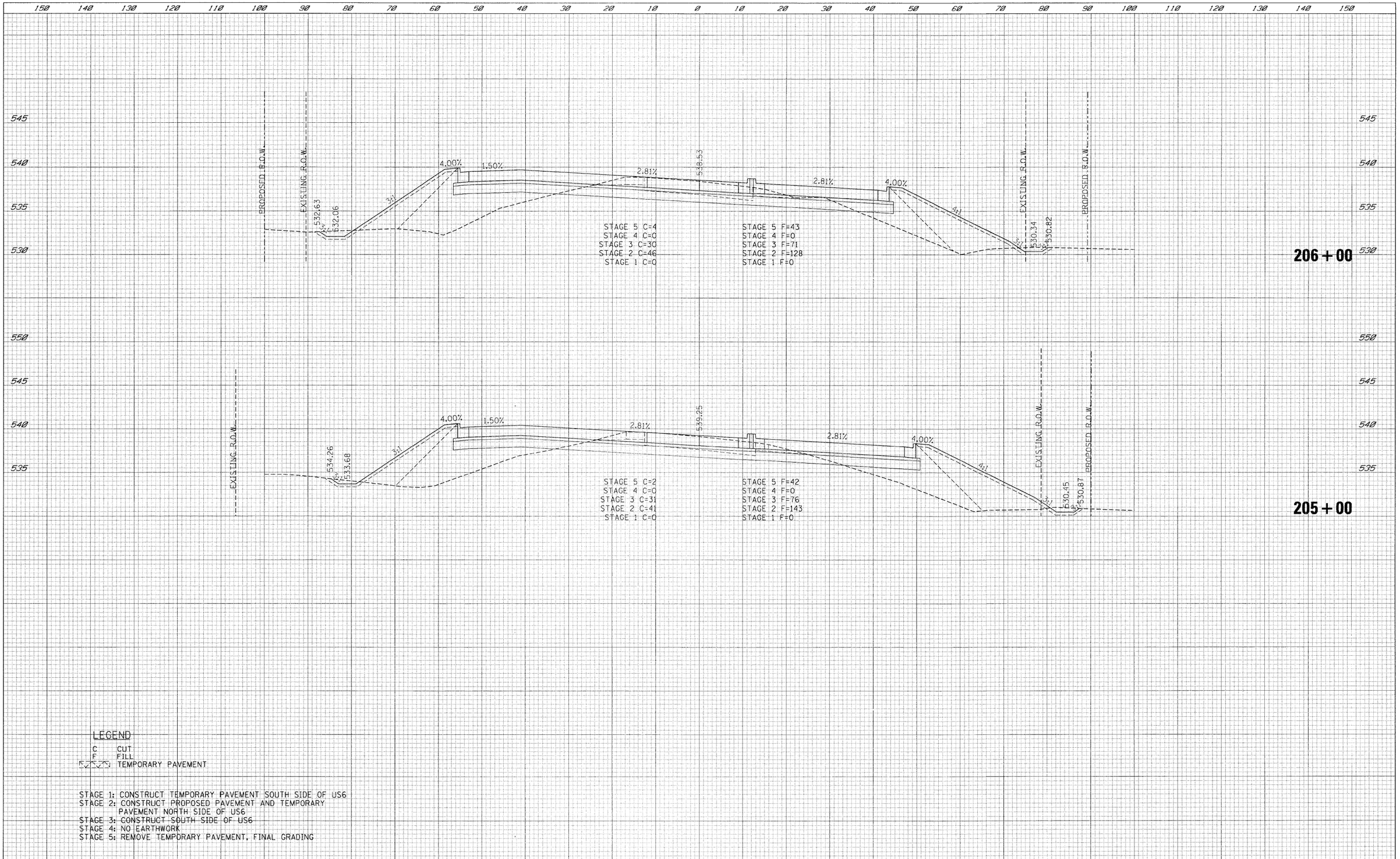
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 6 CROSS SECTIONS

SCALE: H: 1"=10' V: 1"=5' | SHEET NO. 270 OF 351 SHEETS | STA. 202+00 | TO STA. 203+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(32,47-4) HBK-4 & G(N)	GRUNDY	351	270
		CONTRACT NO. 66408		
	ILLINOIS FED. AID PROJECT			

* FAI 80 & FAS 297 / FAU 392



LEGEND

C CUT
F FILL
TEMPORARY PAVEMENT

STAGE 1: CONSTRUCT TEMPORARY PAVEMENT SOUTH SIDE OF US6
STAGE 2: CONSTRUCT PROPOSED PAVEMENT AND TEMPORARY PAVEMENT NORTH SIDE OF US6
STAGE 3: CONSTRUCT SOUTH SIDE OF US6
STAGE 4: NO EARTHWORK
STAGE 5: REMOVE TEMPORARY PAVEMENT, FINAL GRADING

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

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

FILE NAME = t:\c1812\cadd sheets\C0366408-sht-XSCUS6.dgn	USER NAME = USER	DESIGNED - LG	REVISED -
		DRAWN - LG	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - AKK	REVISED -
	PLOT DATE = 5/19/2010	DATE - 5/19/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 6 CROSS SECTIONS

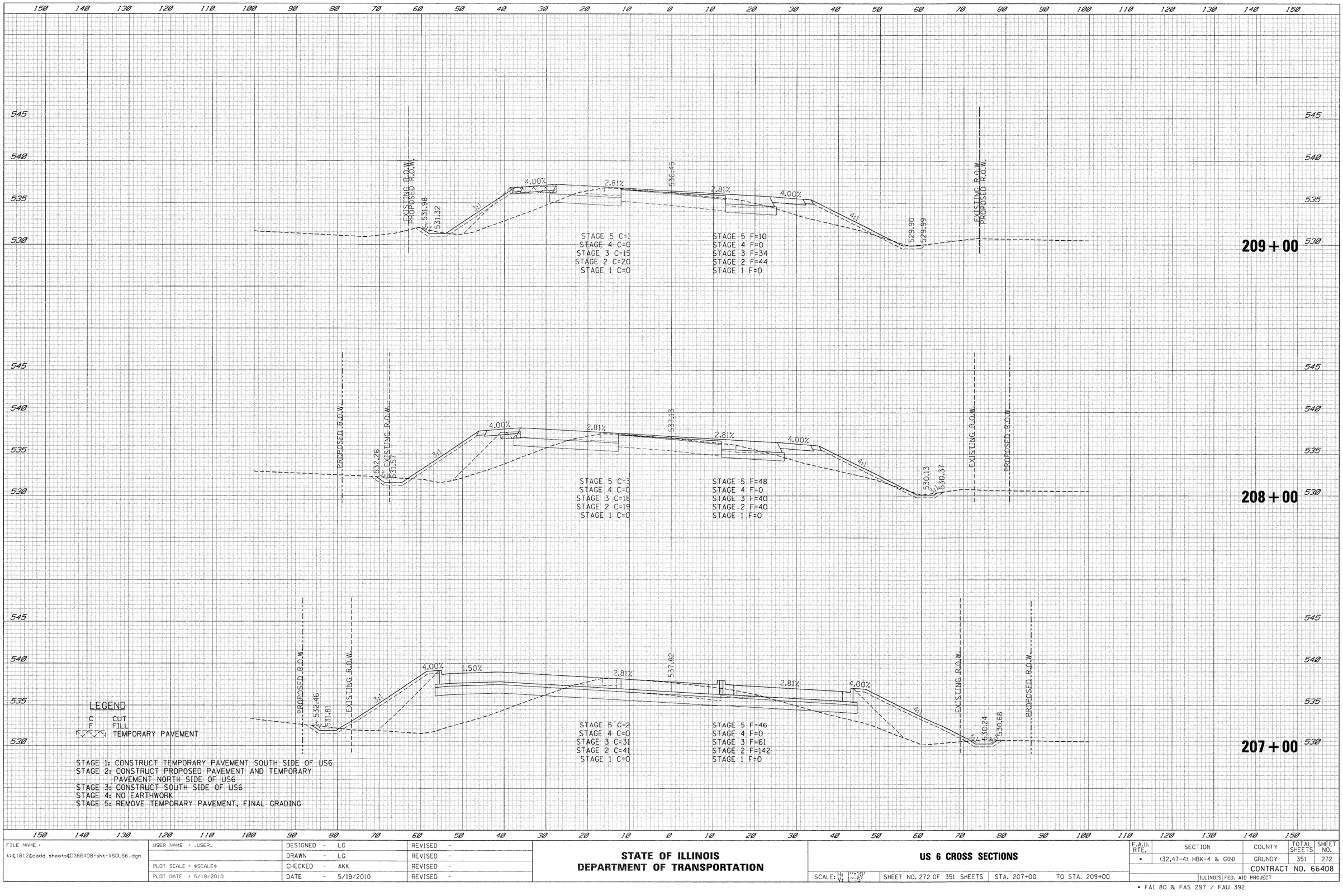
SCALE: H: 1"=10' V: 1"=5' | SHEET NO. 271 OF 351 SHEETS | STA. 204+00 | TO STA. 206+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(32,47-4) HBK-4 & GIN)	GRUNDY	351	271
		CONTRACT NO. 66408		
	ILLINOIS	FED. AID PROJECT		

* FAI 80 & FAS 297 / FAU 392

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

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



FILE NAME = t:\61812\cadd sheets\D366408-sht-XSCUS6.dgn	USER NAME = _USER_	DESIGNED - LG	REVISED -
		DRAWN - LG	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - AKK	REVISED -
	PLOT DATE = 5/19/2010	DATE - 5/19/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 6 CROSS SECTIONS

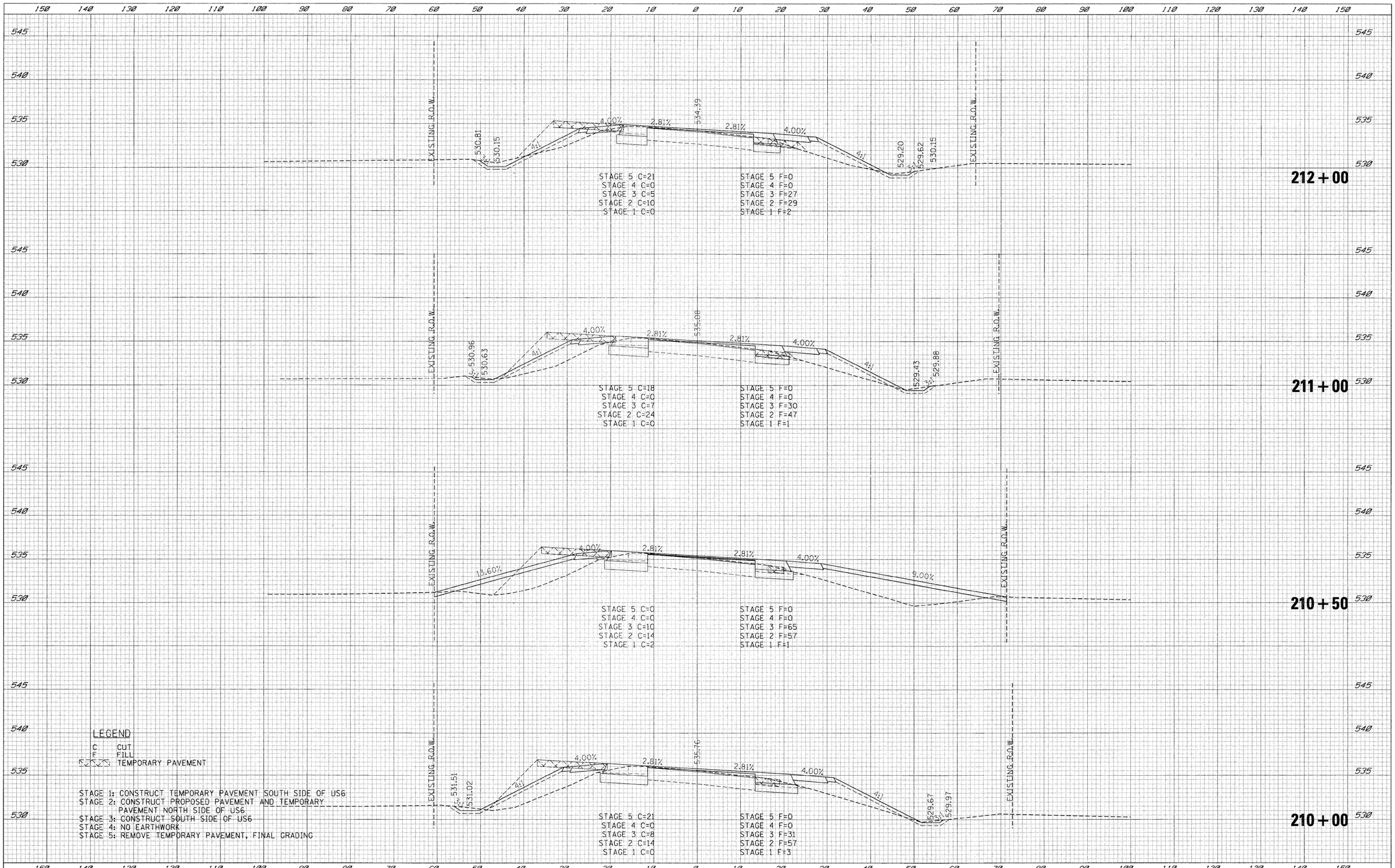
SCALE: H: 1"=10' V: 1"=5' | SHEET NO. 272 OF 351 SHEETS | STA. 207+00 | TO STA. 209+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(32,47-4) HBK-4 & GIN)	GRUNDY	351	272
		CONTRACT NO. 66408		
	ILLINOIS FED. AID PROJECT			

• FAI 80 & FAS 297 / FAU 392

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

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



FILE NAME = t:\1812\cadd sheets\D366408-sht-XSCUS6.dgn	USER NAME = _USER_	DESIGNED - LG	REVISED -
		DRAWN - LG	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - AKK	REVISED -
	PLOT DATE = 5/19/2010	DATE - 5/19/2010	REVISED -

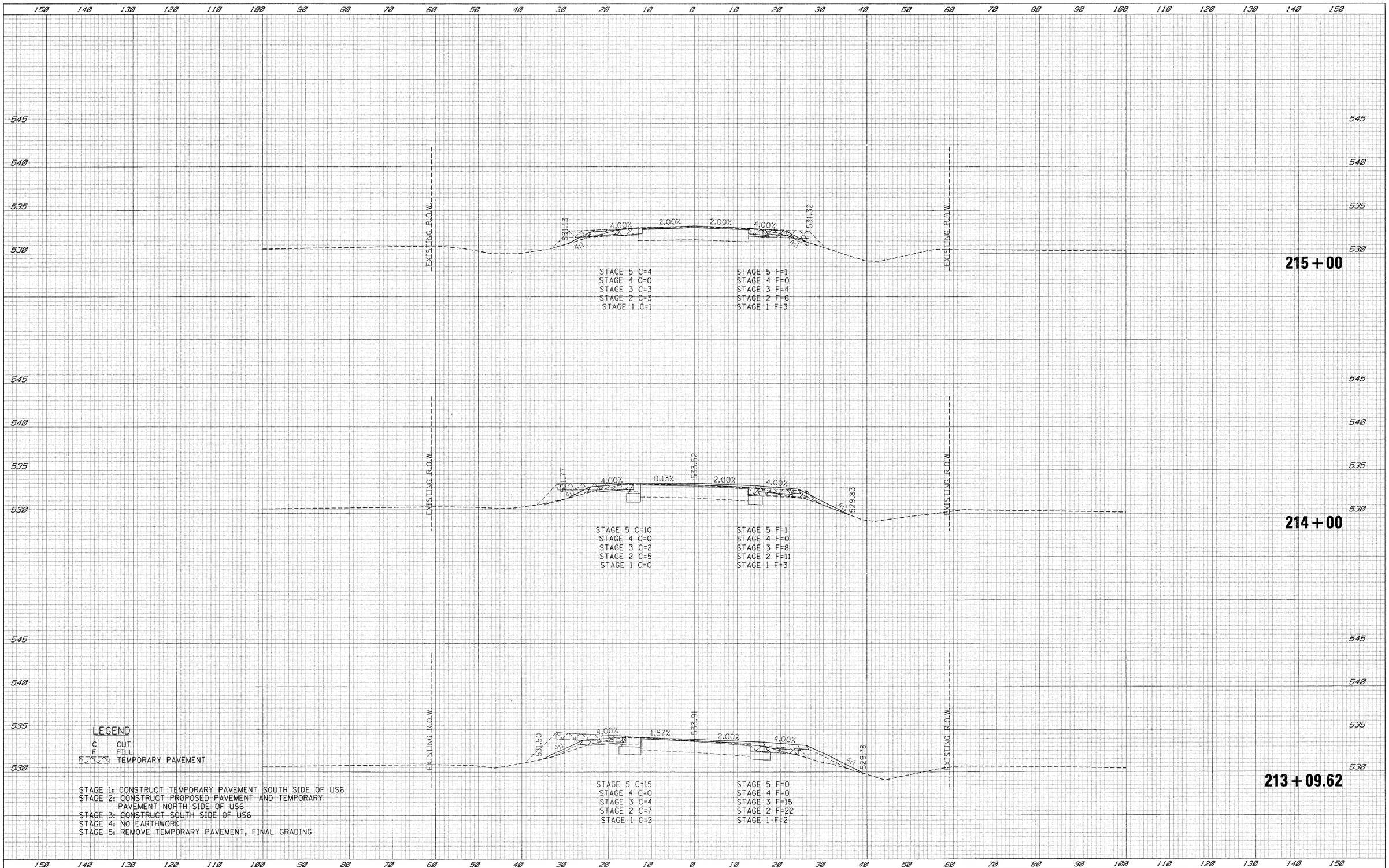
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 6 CROSS SECTIONS

SCALE: H: 1"=10' V: 1"=5' | SHEET NO. 273 OF 351 SHEETS | STA. 210+00 | TO STA. 212+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(32,47-4) HBK-4 & G(N)	GRUNDY	351	273
		CONTRACT NO. 66408		
	ILLINOIS FED. AID PROJECT			

• FAI 80 & FAS 297 / FAU 392



STAGE 1: CONSTRUCT TEMPORARY PAVEMENT SOUTH SIDE OF US6
STAGE 2: CONSTRUCT PROPOSED PAVEMENT AND TEMPORARY PAVEMENT NORTH SIDE OF US6
STAGE 3: CONSTRUCT SOUTH SIDE OF US6
STAGE 4: NO EARTHWORK
STAGE 5: REMOVE TEMPORARY PAVEMENT, FINAL GRADING

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

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

FILE NAME = c:\d1812\cadd sheets\D366408-sht-XSCUS6.dgn	USER NAME = _USER_	DESIGNED - LG	REVISED -
		DRAWN - LG	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - AKK	REVISED -
	PLOT DATE = 5/19/2010	DATE - 5/19/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 6 CROSS SECTIONS

SCALE: H: 1"=10' V: 1"=5' | SHEET NO. 274 OF 351 SHEETS | STA. 213+09.62 TO STA. 215+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(32,47-4) HBK-4 & G(N)	GRUNDY	351	274
		CONTRACT NO. 66408		
	ILLINOIS FED. AID PROJECT			

* FAI 80 & FAS 297 / FAU 392

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

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

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

545
540
535
530

217+00

STAGE 5 C=0 STAGE 5 F=0
STAGE 4 C=0 STAGE 4 F=0
STAGE 3 C=0 STAGE 3 F=0
STAGE 2 C=2 STAGE 2 F=4
STAGE 1 C=0 STAGE 1 F=8

LEGEND

C CUT
F FILL
TEMPORARY PAVEMENT

216+00

STAGE 5 C=0 STAGE 5 F=0
STAGE 4 C=0 STAGE 4 F=0
STAGE 3 C=0 STAGE 3 F=0
STAGE 2 C=3 STAGE 2 F=3
STAGE 1 C=0 STAGE 1 F=7

STAGE 1: CONSTRUCT TEMPORARY PAVEMENT SOUTH SIDE OF US6
STAGE 2: CONSTRUCT PROPOSED PAVEMENT AND TEMPORARY PAVEMENT NORTH SIDE OF US6
STAGE 3: CONSTRUCT SOUTH SIDE OF US6
STAGE 4: NO EARTHWORK
STAGE 5: REMOVE TEMPORARY PAVEMENT, FINAL GRADING

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

FILE NAME = t:\1812\cadd sheets\D366408-sht-XSCUS6.dgn	USER NAME = _USER_	DESIGNED - LG	REVISED -
		DRAWN - LG	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - AKK	REVISED -
	PLOT DATE = 5/19/2010	DATE - 5/19/2010	REVISED -

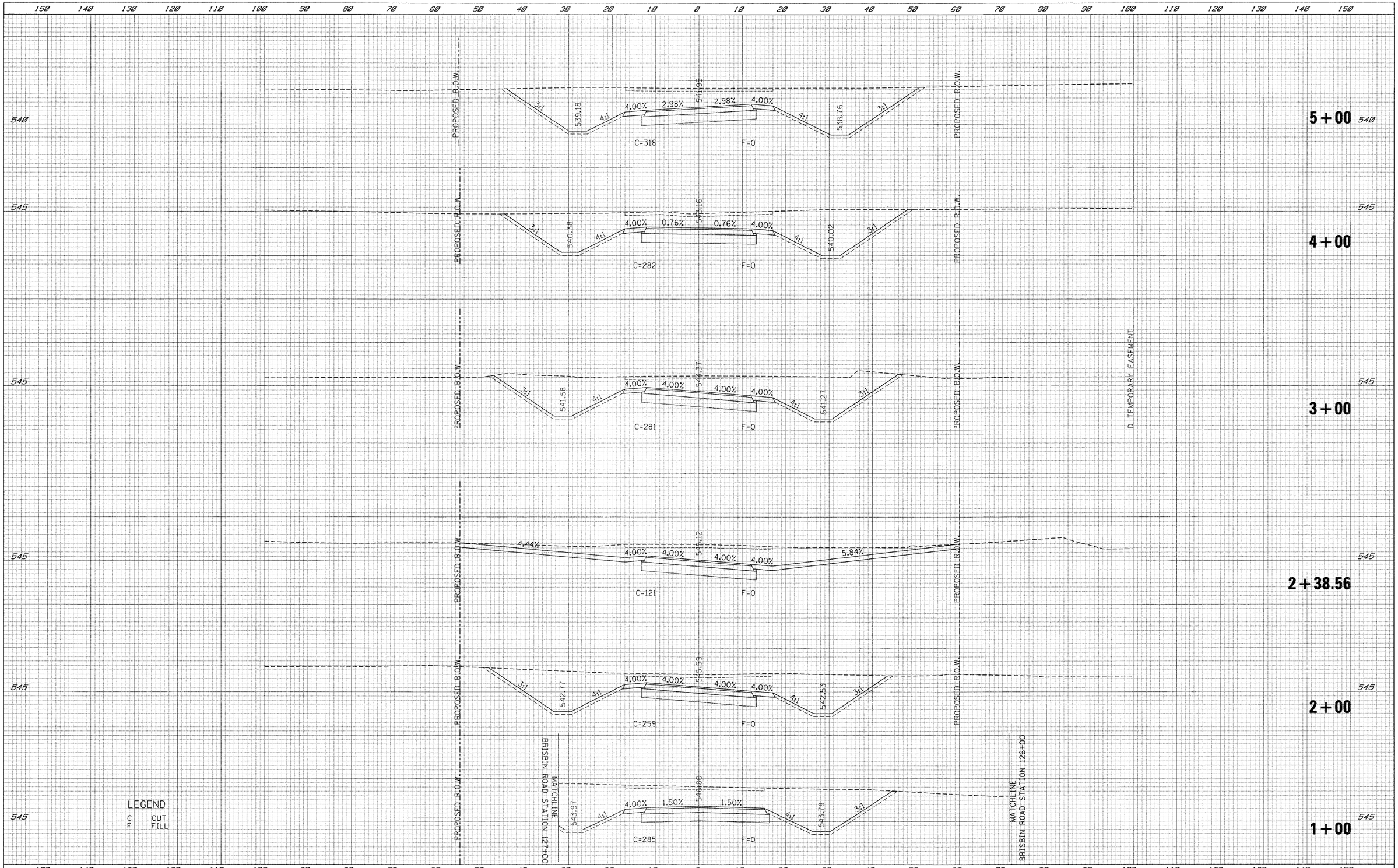
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 6 CROSS SECTIONS

SCALE: H: 1"=10' V: 1"=5" | SHEET NO. 275 OF 351 SHEETS | STA. 216+00 | TO STA. 217+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(32,47-4) HBK-4 & GN)	GRUNDY	351	275
		CONTRACT NO. 66408		
	ILLINOIS FED. AID PROJECT			

* FAI 80 & FAS 297 / FAU 392



FINAL SURVEY — NOTE BOOK — NO.

	DATE	BY
SURVEYED		
PLOTTED		
TYPING DATE		
AREAS		
AREAS CHECKED		

ORIGINAL SURVEY — NOTE BOOK — NO.

	DATE	BY
SURVEYED		
PLOTTED		
TYPING DATE		
AREAS		
AREAS CHECKED		

FILE NAME = t:\1812\CADD Sheets\0366408-sht-XSCNo-th.dgn	USER NAME = _USER_	DESIGNED - LG	REVISED -
		DRAWN - LG	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - AKK	REVISED -
	PLOT DATE = 6/23/2010	DATE - 6/23/2010	REVISED -

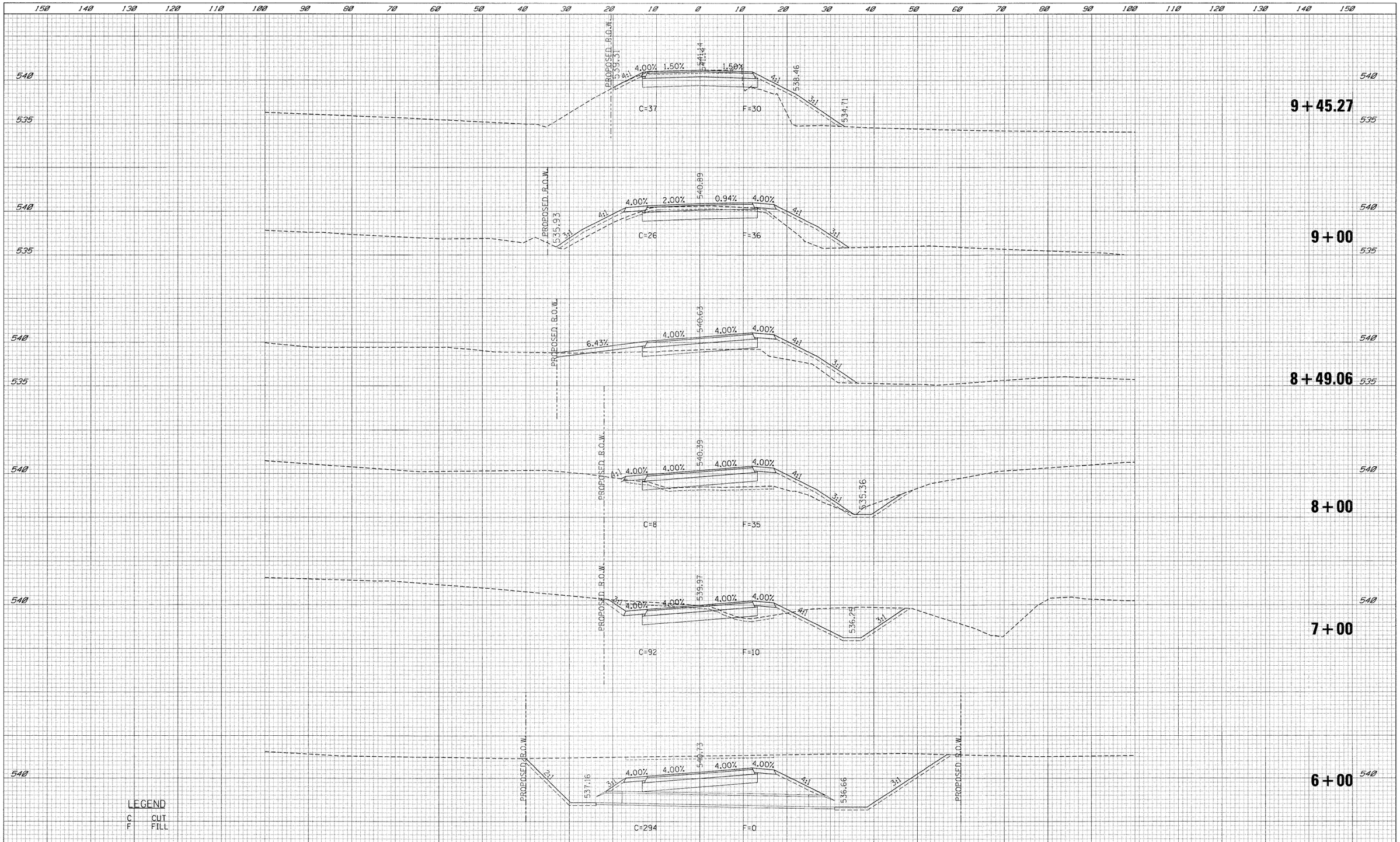
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTH ROAD CROSS SECTIONS

SCALE: H: 1"=10' V: 1"=5' | SHEET NO. 276 OF 351 SHEETS | STA. 1+00 | TO STA. 5+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(32,47-4) HBK-4 & (C)N	GRUNDY	351	276
		CONTRACT NO. 66408		
	ILLINOIS FED. AID PROJECT			

• FAI 80 & FAS 297 / FAU 392



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

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

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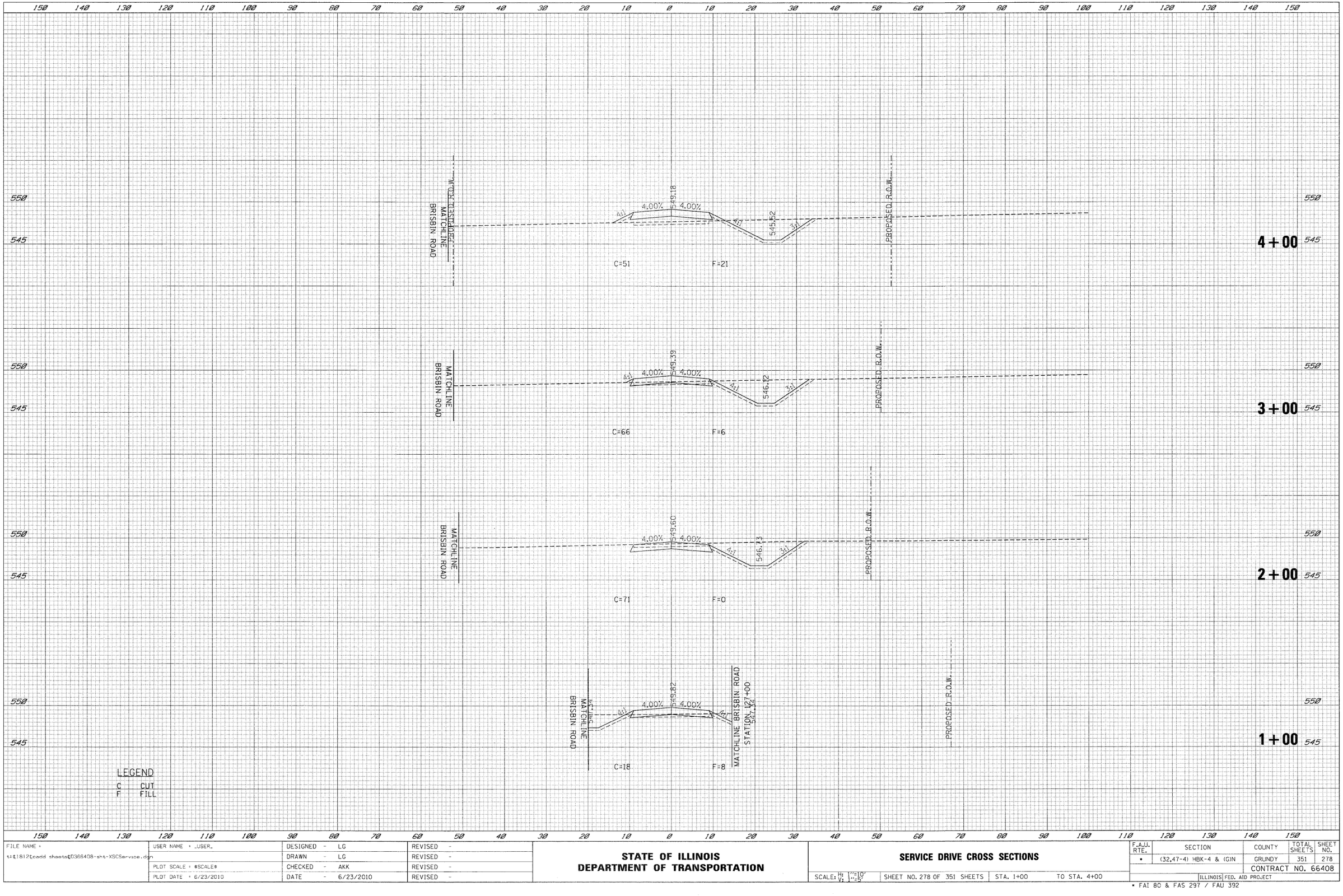
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTH ROAD CROSS SECTIONS

SCALE: H: 1"=10' V: 1"=5' | SHEET NO. 277 OF 351 SHEETS | STA. 6+00 | TO STA. 9+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(32,47-4) HBK-4 & (GN	GRUNDY	351	277
		CONTRACT NO. 66408		
	ILLINOIS	FED. AID PROJECT		

• FAI 80 & FAS 297 / FAU 392



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

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

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	PLOT DATE = 6/23/2010	DATE - 6/23/2010	REVISED -

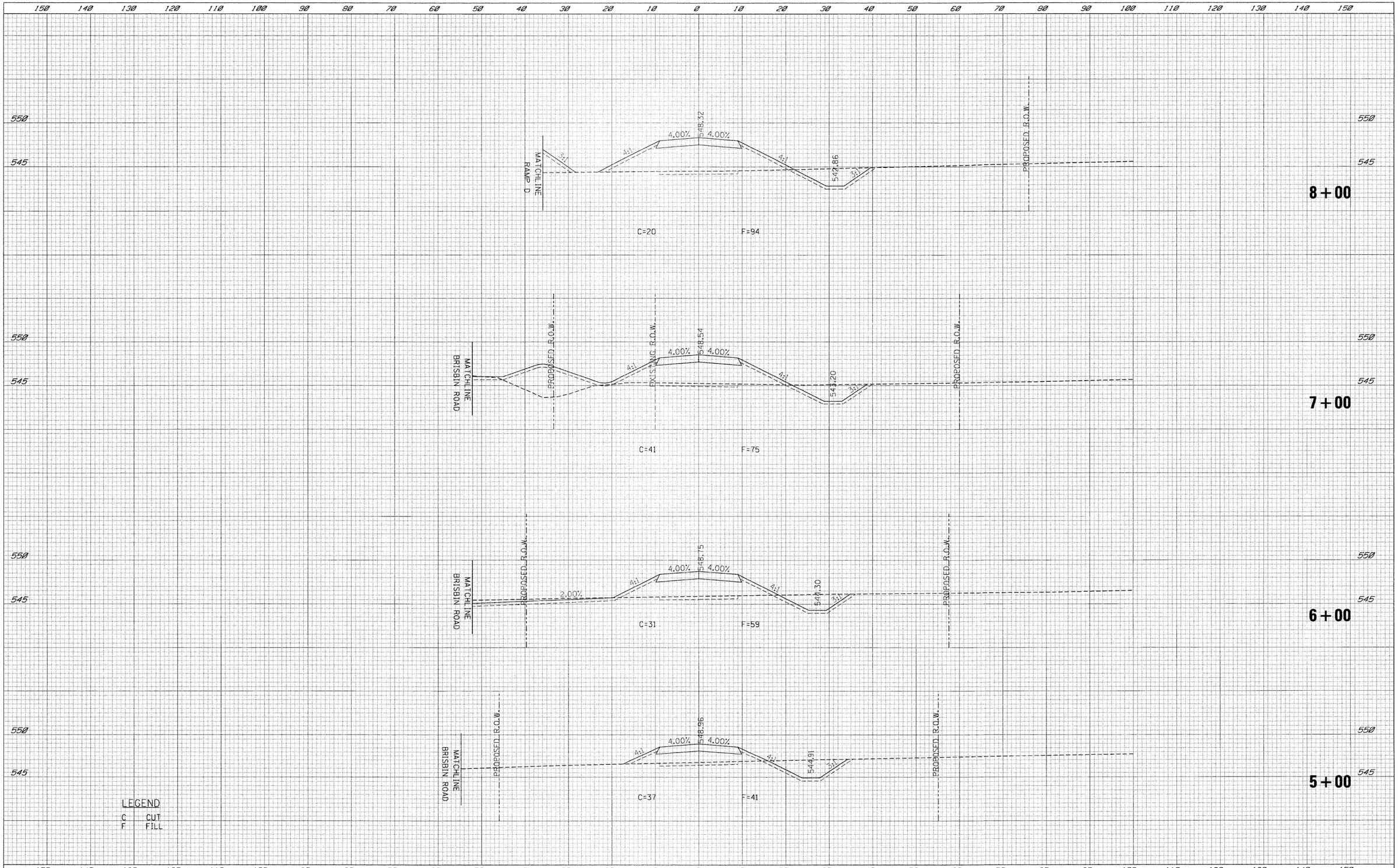
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SERVICE DRIVE CROSS SECTIONS

SCALE: H: 1"=10' V: 1"=5' | SHEET NO. 278 OF 351 SHEETS | STA. 1+00 | TO STA. 4+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(32,47-4) HBK-4 & (GJN	GRUNDY	351	278
		CONTRACT NO. 66408		
	ILLINOIS FED. AID PROJECT			

• FAI 80 & FAS 297 / FAU 392



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		DRAWN - LG	REVISED -
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	PLOT DATE = 6/23/2010	DATE - 6/23/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SERVICE DRIVE CROSS SECTIONS

SCALE: H: 1"=10' V: 1"=5' | SHEET NO. 279 OF 351 SHEETS | STA. 5+00 | TO STA. 8+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(32,47-4) HBK-4 & (G)N	GRUNDY	351	279
		CONTRACT NO. 66408		
	ILLINOIS FED. AID PROJECT			

• FAI 80 & FAS 297 / FAU 392

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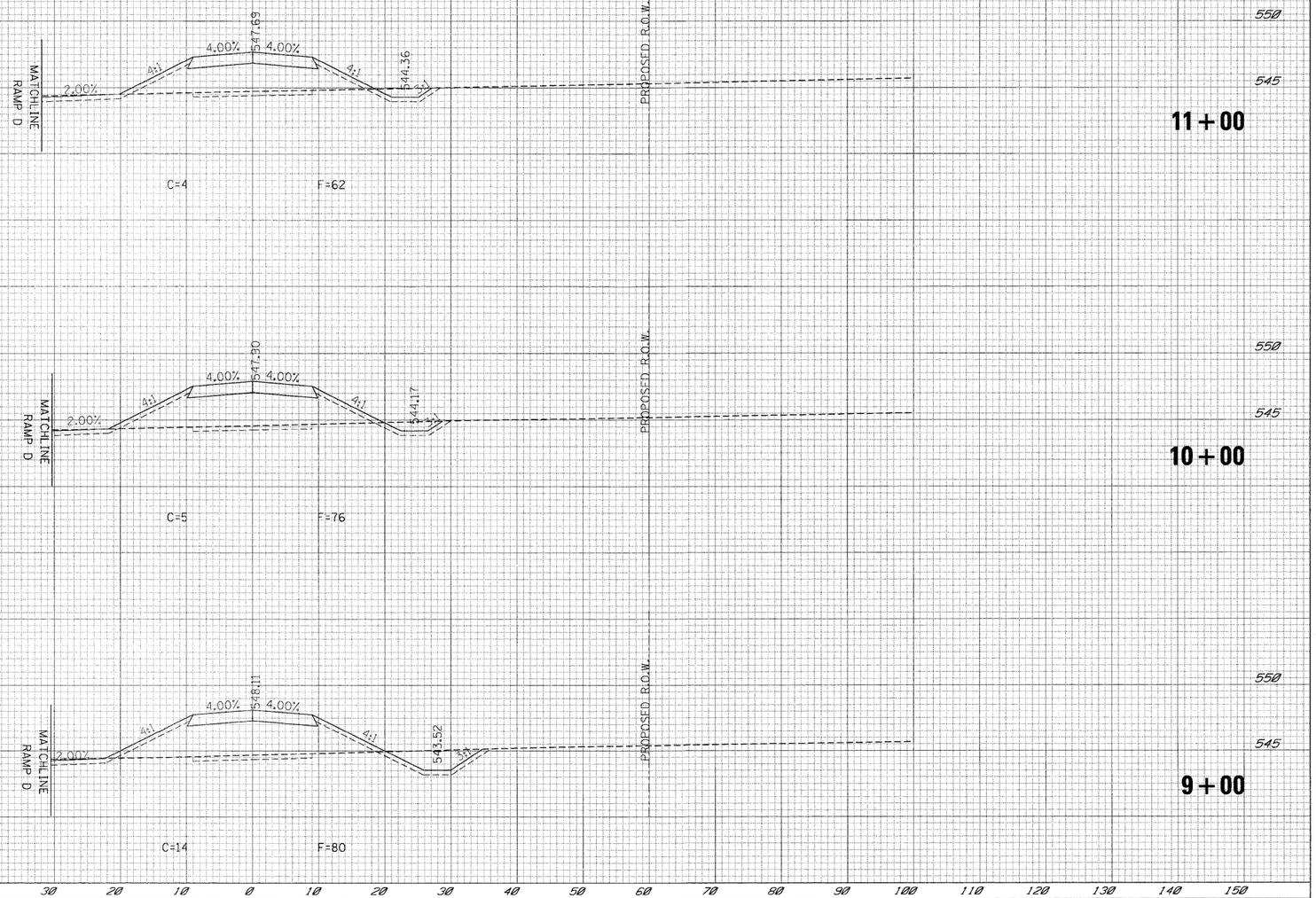
SURVEYED		
PLOTTED		
NOTE BOOK		
NO.	AREAS CHECKED	



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SURVEYED		
PLOTTED		
NOTE BOOK		
NO.	AREAS CHECKED	

LEGEND

C CUT

F FILL

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	PLOT DATE = 6/23/2010	DATE - 6/23/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SERVICE DRIVE CROSS SECTIONS

SCALE: H: 1"=10' V: 1"=5' | SHEET NO. 280 OF 351 SHEETS | STA. 9+00 | TO STA. 11+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
401	(32,47-4) HBK-4 & (GIN	GRUNDY	351	280
		CONTRACT NO. 66408		
	ILLINOIS	FED. AID PROJECT		

• FAI 80 & FAS 297 / FAU 392

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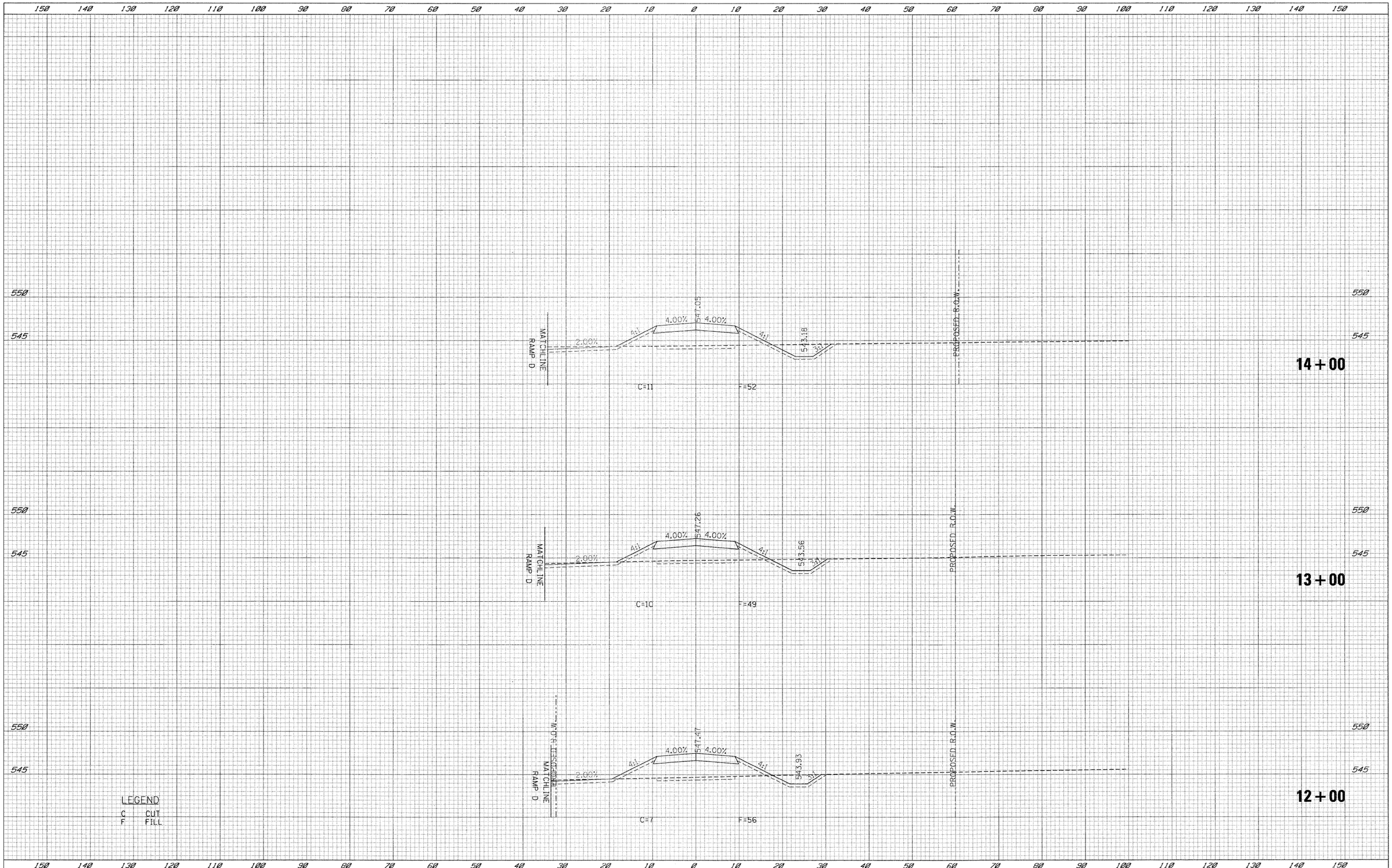
SURVEYED		
PLOTTED		
NOTE BOOK		
NO.	AREAS CHECKED	



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SURVEYED		
PLOTTED		
NOTE BOOK		
NO.	AREAS CHECKED	

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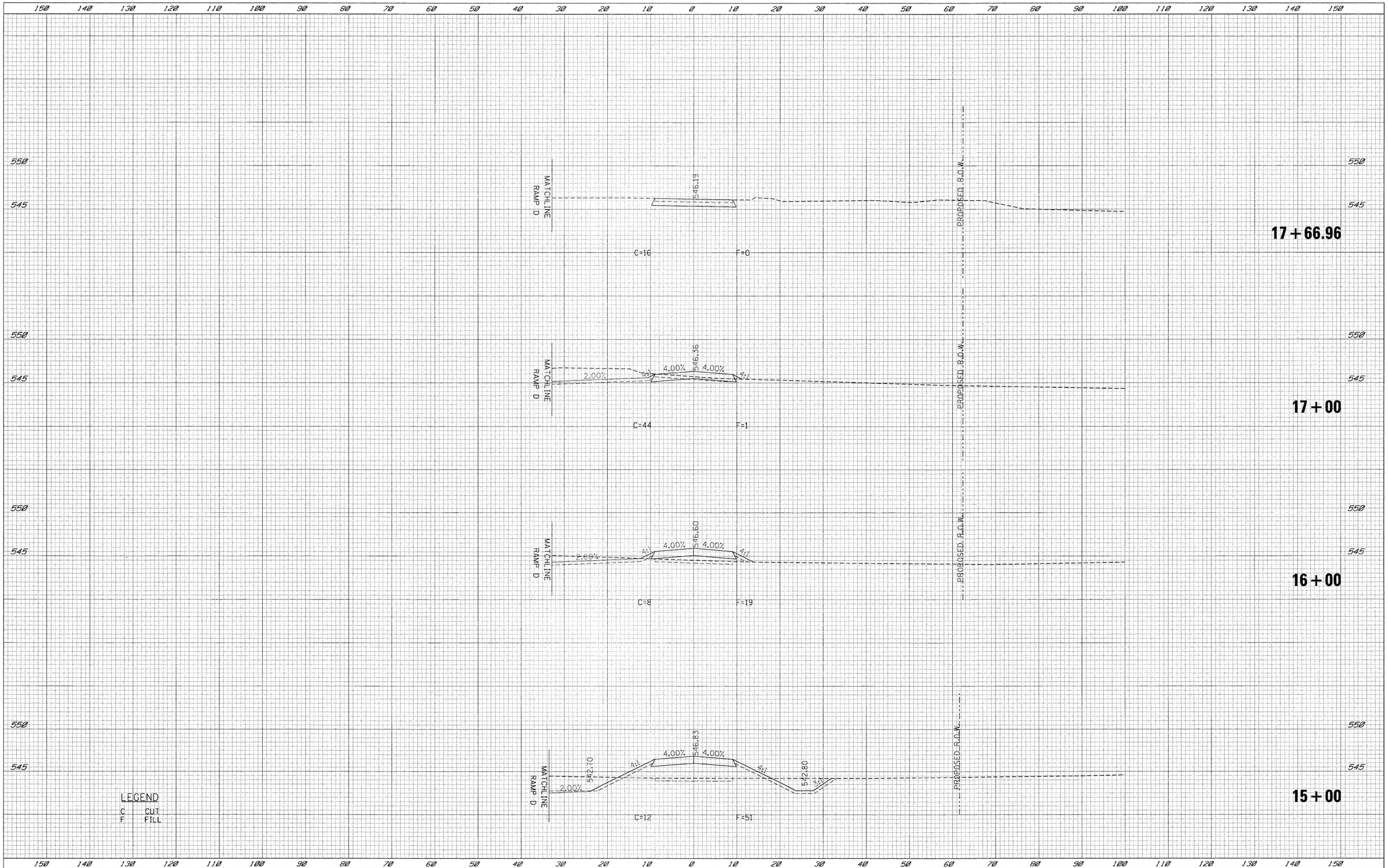
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SERVICE DRIVE CROSS SECTIONS

SCALE: H: 1"=10' V: 1"=5' | SHEET NO. 281 OF 351 SHEETS | STA. 12+00 | TO STA. 14+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(32,47-4) HBK-4 & (C)N	GRUNDY	351	281
		CONTRACT NO. 66408		
	ILLINOIS FED. AID PROJECT			

• FAI 80 & FAS 297 / FAU 392



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	PLOT DATE = 6/23/2010	DATE - 6/23/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SERVICE DRIVE CROSS SECTIONS

SCALE: H: 1"=10' V: 1"=5' | SHEET NO. 282 OF 351 SHEETS | STA. 15+00 | TO STA. 17+00.95

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(32,47-4) HBK-4 & (G)N	GRUNDY	351	282
		CONTRACT NO. 66408		
	ILLINOIS FED. AID PROJECT			

• FAI 80 & FAS 297 / FAU 392

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

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

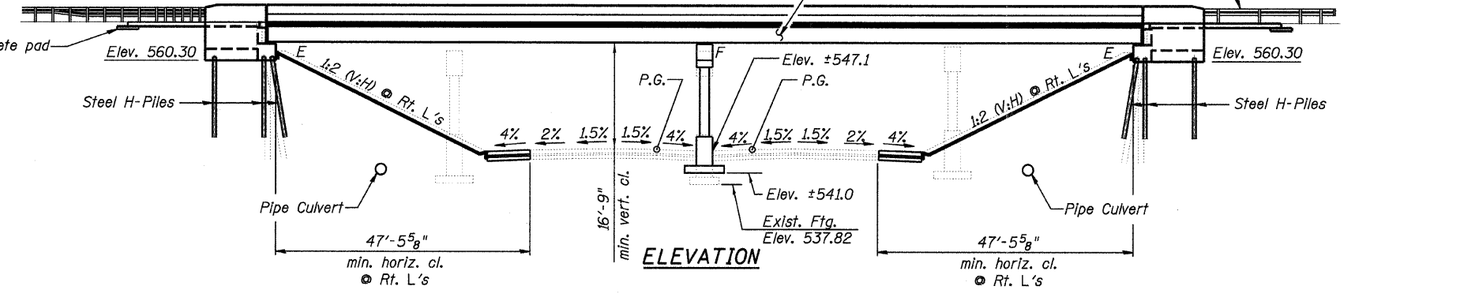
Bench Mark: B.M. #1409 chiseled square on S.E. wingwall of F.A.I. Route 80 bridge over Collins Run, S.N. 032-0104, Elev. 546.22.

Existing Structure: S.N. 032-0058 built 1959 as F.A.S. Route 1259, Section (32,47)-4 at Station 1397+24.83 (I-80). Structure consists of four spans with 42" PPC beams and 7" reinforced concrete deck supported by pile-bent abutments and multi column piers. Pile bent abutments supported by concrete piles, wingwalls supported by timber piles and multi column piers supported by spread foundations. 244'-9" back-to-back abutment. 30'-0" out-to-out deck. Structure to be removed.

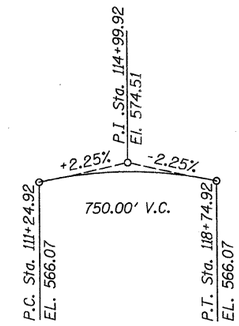
Brisbin Road to be closed and traffic detoured during construction.

No Salvage

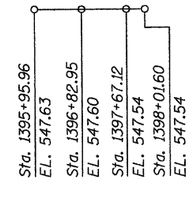
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



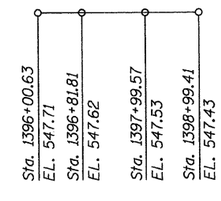
ELEVATION



PROFILE GRADE BRISBIN ROAD



PROFILE GRADE F.A.I. Rte. 80 E.B.



PROFILE GRADE F.A.I Rte. 80 W.B.

STATION 114+99.92
BUILT 20 BY
STATE OF ILLINOIS
F.A.U. RT. 401 SEC (32, 47-4) HBK-4
LOADING HL-93
STRUCTURE NO. 032-0115

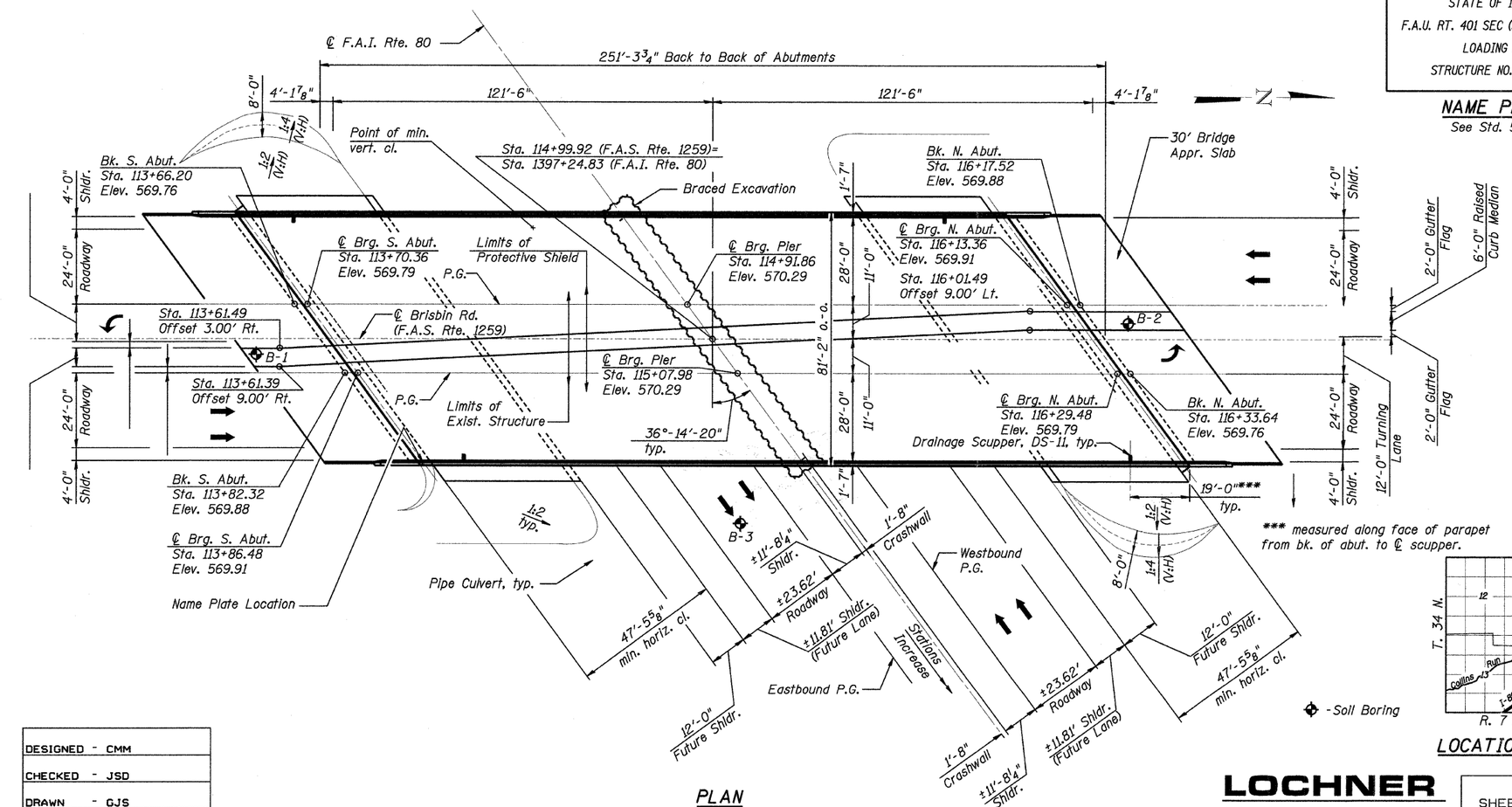
NAME PLATE
See Std. 515001

LOADING HL-93
Allow 50#/sq. ft. for future wearing surface.

DESIGN STRESSES
FIELD UNITS
f'c = 3,500 psi
fy = 60,000 psi (Reinforcement)
fy = 36,000 psi (M270 Grade 36)
fy = 50,000 psi (M270 Grade 50)

DESIGN SPECIFICATIONS
AASHTO LRFD Bridge Design Specifications, 4th Edition with 2008 and 2009 Interims

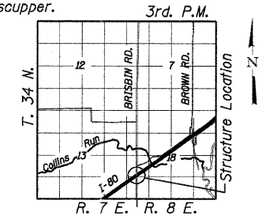
SEISMIC DATA
Seismic Performance Category (SPZ) = 1
Design Spectral Acceleration at 1.0 sec. (SD1) = 0.070g
Design Spectral Acceleration at 0.2 sec. (SDs) = 0.132g
Soil Site Class = C



*** measured along face of parapet from bk. of abut. to ℄ scupper.

PLAN

-Soil Boring



LOCATION SKETCH

APPROVED
FOR STRUCTURAL ADEQUACY ONLY
Ralph E. Anderson
ENGINEER OF BRIDGES AND STRUCTURES

STATE OF ILLINOIS COLLEEN M. RADO 081-005754 EXP. 11/30/10 CHICAGO, ILLINOIS LICENSED STRUCTURAL ENGINEER
Colleen M. Rado
9/13/10

GENERAL PLAN AND ELEVATION
BRISBIN ROAD OVER I-80
F.A.U. RT. 401 - SEC. (32, 47-4) HBK-4
GRUNDY COUNTY
STATION 114+99.92
STRUCTURE NO. 032-0115

DESIGNED	CMM
CHECKED	JSD
DRAWN	GJS
CHECKED	JSD

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LOCHNER
H.W. LOCHNER, INC.
CONSULTING ENGINEERS & PLANNERS
20 NORTH WACKER DRIVE SUITE 1200
CHICAGO, IL 60606

SHEET NO. 1 OF 31 SHEETS

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(32,47-4) HBK-4 & (G)N	GRUNDY	351	283
		CONTRACT NO. 66408		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* FAI 80 & FAS 297 / FAU 392

GENERAL NOTES

1. Fasteners shall be AASHTO M164 Type 1, mechanically galvanized bolts Bolts $\frac{7}{8}$ in. ϕ, holes $\frac{15}{16}$ in. ϕ, unless otherwise noted.
2. Calculated weight of Structural Steel M 270 Grade 36 = 55,650 lbs.
   Calculated weight of Structural Steel M 270 Grade 50 = 633,420 lbs.
3. No field welding is permitted except as specified in the contract documents.
4. Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60. See Special Provisions.
5. Reinforcement bars designated (E) shall be epoxy coated.
6. Bearing seat surfaces shall be constructed or adjusted to their designated elevations within a tolerance of $\frac{1}{8}$ inch (0.01 ft.). Adjustment shall be made either by grinding the surface or by shimming the bearings.
7. Concrete Sealer shall be applied to the designated areas of the abutments and pier.
8. The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.
9. The Inorganic Zinc Rich Primer / Acrylic / Acrylic Paint System shall be used for shop and field painting of new structural steel except where otherwise noted. The color of the final finish coat for all interior steel surfaces shall be gray, Munsell No. 5B 7/1. The color of the final finish coat for the exterior and bottom flange of the fascia beams shall be Interstate Green, Munsell No. 7.5G 4/8. See Special Provision for "Cleaning and Painting New Metal Structures".
10. The embankment configuration shown shall be the minimum that must be placed and compacted prior to construction of the abutments.
11. The Contractor shall drive test piles to 110% of the nominal required bearing specified in production locations at substructures specified or approved by the Engineer before ordering the remainder of piles.
12. Slip forming of the parapets will not be allowed.

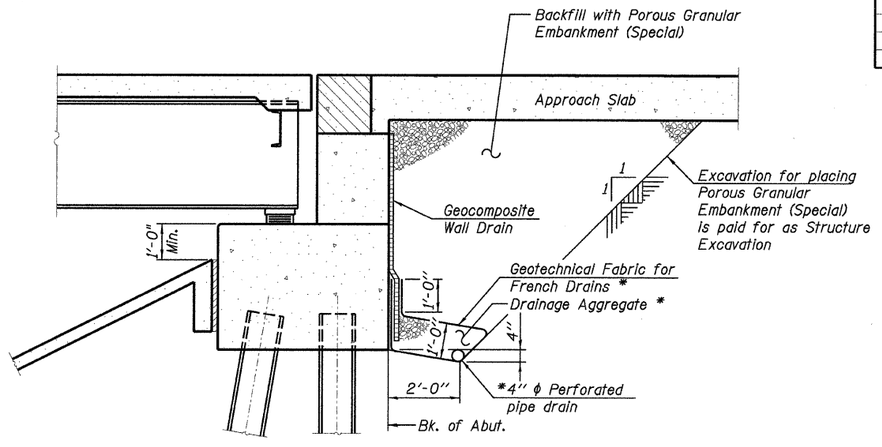
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TOTAL BILL OF MATERIAL

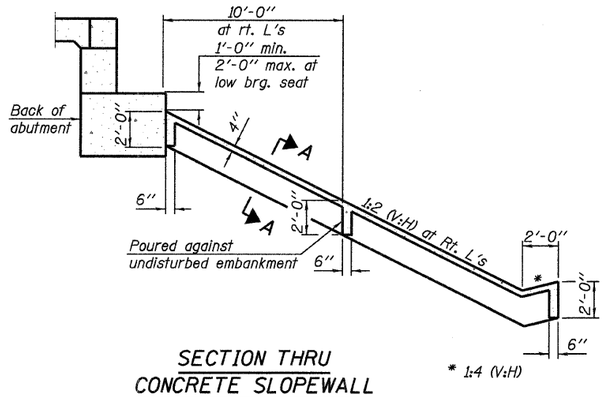
ITEM	UNIT	SUPER	SUB	TOTAL
Porous Granular Embankment, Special	Cu. Yd.		211	211
Removal of Existing Stuctures	Each	1		1
Protective Shield	Sq. Yd.	900		900
Structure Excavation	Cu. Yd.		360	360
Concrete Structures	Cu. Yd.		558.1	558.1
Concrete Superstructure	Cu. Yd.	872.9		872.9
Bridge Deck Grooving	Sq. Yd.	2,315		2,315
Concrete Encasement	Cu. Yd.		28.4	28.4
Protective Coat	Sq. Yd.	2,979		2,979
Furnishing and Erecting Structural Steel	L. Sum	1		1
Stud Shear Connectors	Each	7,740		7,740
Reinforcement Bars, Epoxy Coated	Pound	216,420	68,250	284,670
Bar Splicers	Each		196	196
Slope Wall, 4 Inch	Sq. Yd.		800	800
Furnishing Steel Piles HP14X89	Foot		1,612	1,612
Driving Piles	Foot		1,612	1,612
Test Pile Steel HP14X89	Each		2	2
Pile Shoes	Each		54	54
Name Plates	Each	1		1
Preformed Joint Strip Seal	Foot	201		201
Elastomeric Bearing Assembly, Type I	Each	20		20
Anchor Bolt, 1"	Each	40		40
Anchor Bolt, 1 1/4"	Each	20		20
Concrete Sealer	Sq. Ft.		4,241	4,241
Geocomposite Wall Drain	Sq. Yd.		238	238
Pipe Underdrain for Structures 4"	Foot		210	210
Conduit Embedded in Structure, 2" Dia., PVC	Foot	1,124		1,124
Drainage Scuppers, DS-11	Each	4		4
Braced Excavation	Cu. Yd.		395	395
Sub-Base Granular Material, Type A	Cu. Yd.		62	62

INDEX OF SHEETS

SHEET NO.	TITLE
1	GENERAL PLAN & ELEVATION
2	GENERAL NOTES, INDEX OF SHEETS & BILL OF MATERIALS
3	TOP OF DECK SLAB ELEVATION PLAN
4	TOP OF SLAB ELEVATIONS I
5	TOP OF SLAB ELEVATIONS II
6	TOP OF SLAB ELEVATIONS III
7	TOP OF SLAB ELEVATIONS IV
8	TOP OF SLAB ELEVATIONS V
9	TOP OF APPROACH SLAB ELEVATION PLAN
10	TOP OF SOUTH APPROACH SLAB ELEVATIONS
11	TOP OF NORTH APPROACH SLAB ELEVATIONS
12	DECK PLAN & CROSS SECTION
13	SUPERSTRUCTURE DETAILS I
14	SUPERSTRUCTURE DETAILS II
15	BRIDGE APPROACH SLAB DETAILS I
16	BRIDGE APPROACH SLAB DETAILS II
17	PREFORMED JOINT STRIP SEAL
18	DRAINAGE SCUPPER, DS-11
19	FRAMING PLAN & DETAILS
20	STRUCTURAL STEEL DETAILS
21	BEARING DETAILS
22	NORTH ABUTMENT PLAN & ELEVATION
23	NORTH ABUTMENT SECTIONS & DETAILS
24	SOUTH ABUTMENT PLAN & ELEVATION
25	SOUTH ABUTMENT SECTIONS & DETAILS
26	ABUTMENT PILE LAYOUT
27	PIER
28	HP PILE DETAILS
29	BAR SPLICER ASSEMBLY DETAILS
30	SOIL BORING LOGS I
31	SOIL BORING LOGS II

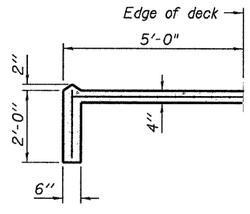


ABUTMENT DRAINAGE DETAIL



SECTION THRU CONCRETE SLOPEWALL

Slopewall shall be reinforced with welded wire fabric, 6 in. x 6 in. - W4.0 x W4.0, weighing 58 lbs. per 100 sq. ft.



SECTION A-A

* Included in the cost of Pipe Underdrains for Structures.

All drainage system components shall extend to 2'-0" from the end of each wingwall except an outlet pipe shall extend until intersecting with the side slopes. The pipes shall drain into concrete headwalls. (See Article 601.05 of the Standard Specifications and Highway Standard 601101)

DESIGNED	- CMM
CHECKED	- JSD
DRAWN	- GJS
CHECKED	- CMM

GENERAL NOTES, INDEX OF SHEETS & BILL OF MATERIALS STRUCTURE NO. 032-0115

LOCHNER
H.W. LOCHNER, INC.
CONSULTING ENGINEERS & PLANNERS
20 NORTH WACKER DRIVE SUITE 1200
CHICAGO, IL 60606

SHEET NO. 2 OF 31 SHEETS

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(32, 47-4) HBK-4 & (G)N	GRUNDY	351	284
		CONTRACT NO. 66408		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

* FAI 80 & FAS 297 / FAU 392

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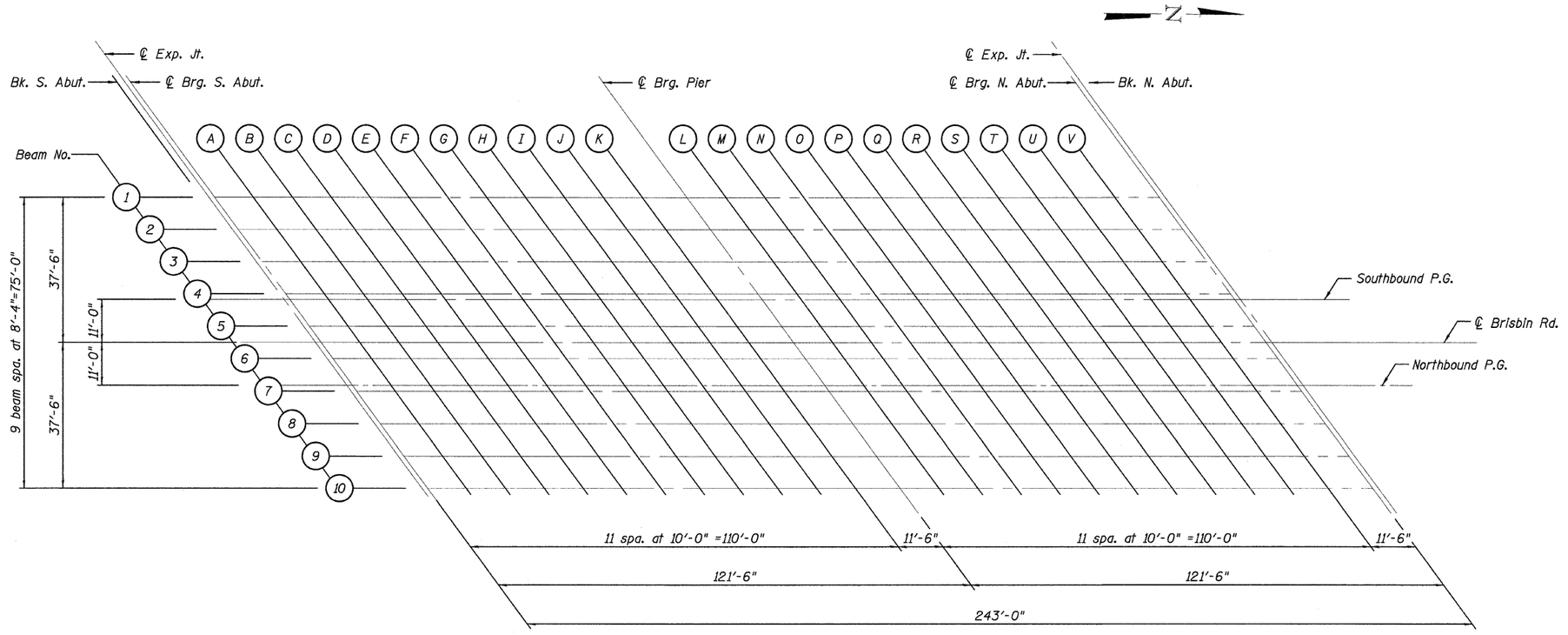
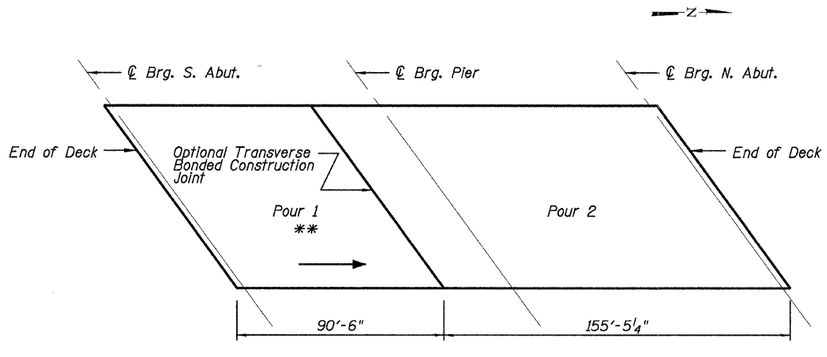
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



PLAN



** Direction of pour

POURING SEQUENCE

Note

When the deck pour is stopped for the day at the transverse bonded construction joint in the deck pouring sequence as shown, the next pour shall not be made until both of the following are met:

1. *At least 72 hours shall have elapsed from the end of the previous pour.*
2. *The concrete strength shall have attained a minimum flexural strength of 650 psi or a minimum compressive strength of 3500 psi.*

TOP OF DECK SLAB ELEVATION
PLAN & POURING SEQUENCE
STRUCTURE NO. 032-0115

DESIGNED	- CMM
CHECKED	- BJN
DRAWN	- GJS
CHECKED	- BJN

LOCHNER
H.W. LOCHNER, INC.
CONSULTING ENGINEERS & PLANNERS
20 NORTH WACKER DRIVE SUITE 1200
CHICAGO, IL 60606

SHEET NO. 3 OF 31 SHEETS

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(32, 47-4) HBK-4 & (G)N	GRUNDY	351	285
		CONTRACT NO. 66408		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

* FAI 80 & FAS 297 / FAU 392

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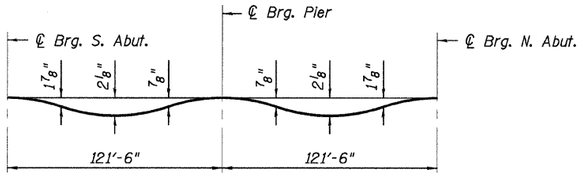
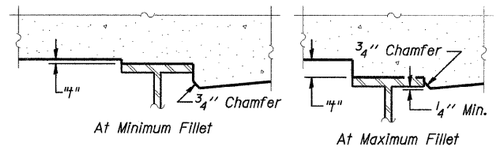
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



DEAD LOAD DEFLECTION DIAGRAM

(Includes weight of concrete only.)

Note
The above deflections are not to be used in the field if the engineer is working from the grade elevations adjusted for dead load deflections as shown below.



To determine "t": After all structural steel has been erected, elevations of the top flanges of the beams shall be taken at intervals shown below. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" shown below, minus slab thickness, equals the fillet heights "t" above top flange of beams.

FILLET HEIGHTS

BEAM 1

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	113+46.78	-37.50	569.04	569.04
CL Brg. S. Abut.	113+50.94	-37.50	569.07	569.07
A	113+60.94	-37.50	569.16	569.22
B	113+70.94	-37.50	569.24	569.35
C	113+80.94	-37.50	569.31	569.47
D	113+90.94	-37.50	569.38	569.56
E	114+00.94	-37.50	569.45	569.63
F	114+10.94	-37.50	569.50	569.68
G	114+20.94	-37.50	569.55	569.70
H	114+30.94	-37.50	569.60	569.71
I	114+40.94	-37.50	569.63	569.71
J	114+50.94	-37.50	569.67	569.71
K	114+60.94	-37.50	569.69	569.71
CL Brg. Pier	114+72.44	-37.50	569.72	569.72
L	114+82.44	-37.50	569.73	569.74
M	114+92.44	-37.50	569.74	569.78
N	115+02.44	-37.50	569.74	569.81
O	115+12.44	-37.50	569.73	569.85
P	115+22.44	-37.50	569.72	569.87
Q	115+32.44	-37.50	569.71	569.88
R	115+42.44	-37.50	569.69	569.87
S	115+52.44	-37.50	569.66	569.84
T	115+62.44	-37.50	569.62	569.78
U	115+72.44	-37.50	569.58	569.70
V	115+82.44	-37.50	569.53	569.60
CL Brg. N. Abut.	115+93.94	-37.50	569.47	569.47
Bk. N. Abut.	115+98.10	-37.50	569.45	569.45

BEAM 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	113+52.88	-29.17	569.26	569.26
CL Brg. S. Abut.	113+57.04	-29.17	569.30	569.30
A	113+67.04	-29.17	569.38	569.44
B	113+77.04	-29.17	569.46	569.57
C	113+87.04	-29.17	569.53	569.68
D	113+97.04	-29.17	569.60	569.77
E	114+07.04	-29.17	569.65	569.84
F	114+17.04	-29.17	569.71	569.88
G	114+27.04	-29.17	569.75	569.90
H	114+37.04	-29.17	569.79	569.91
I	114+47.04	-29.17	569.83	569.91
J	114+57.04	-29.17	569.86	569.90
K	114+67.04	-29.17	569.88	569.89
CL Brg. Pier	114+78.54	-29.17	569.90	569.90
L	114+88.54	-29.17	569.91	569.92
M	114+98.54	-29.17	569.91	569.95
N	115+08.54	-29.17	569.91	569.98
O	115+18.54	-29.17	569.90	570.01
P	115+28.54	-29.17	569.89	570.04
Q	115+38.54	-29.17	569.87	570.04
R	115+48.54	-29.17	569.84	570.03
S	115+58.54	-29.17	569.81	569.99
T	115+68.54	-29.17	569.77	569.93
U	115+78.54	-29.17	569.73	569.85
V	115+88.54	-29.17	569.68	569.75
CL Brg. N. Abut.	116+00.04	-29.17	569.61	569.61
Bk. N. Abut.	116+04.20	-29.17	569.59	569.59

BEAM 3

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	113+58.99	-20.83	569.49	569.49
CL Brg. S. Abut.	113+63.15	-20.83	569.53	569.53
A	113+73.15	-20.83	569.60	569.66
B	113+83.15	-20.83	569.68	569.79
C	113+93.15	-20.83	569.74	569.90
D	114+03.15	-20.83	569.81	569.98
E	114+13.15	-20.83	569.86	570.05
F	114+23.15	-20.83	569.91	570.09
G	114+33.15	-20.83	569.95	570.10
H	114+43.15	-20.83	569.99	570.11
I	114+53.15	-20.83	570.02	570.10
J	114+63.15	-20.83	570.05	570.09
K	114+73.15	-20.83	570.06	570.08
CL Brg. Pier	114+84.65	-20.83	570.08	570.08
L	114+94.65	-20.83	570.09	570.10
M	115+04.65	-20.83	570.09	570.12
N	115+14.65	-20.83	570.08	570.15
O	115+24.65	-20.83	570.07	570.18
P	115+34.65	-20.83	570.05	570.20
Q	115+44.65	-20.83	570.03	570.20
R	115+54.65	-20.83	570.00	570.18
S	115+64.65	-20.83	569.96	570.14
T	115+74.65	-20.83	569.92	570.08
U	115+84.65	-20.83	569.87	569.99
V	115+94.65	-20.83	569.82	569.89
CL Brg. N. Abut.	116+06.15	-20.83	569.75	569.75
Bk. N. Abut.	116+10.31	-20.83	569.72	569.72

DESIGNED - CMM	
CHECKED - BJN	
DRAWN - GJS	
CHECKED - BJN	

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TOP OF SLAB ELEVATIONS I
STRUCTURE NO. 032-0115

LOCHNER
H.W. LOCHNER, INC.
CONSULTING ENGINEERS & PLANNERS
20 NORTH WACKER DRIVE SUITE 1200
CHICAGO, IL 60606

SHEET NO. 4 OF 31 SHEETS

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(32, 47-4) HBK-4 & (G)N	GRUNDY	351	286
		CONTRACT NO. 66408		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

* FAI 80 & FAS 297 / FAU 392

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BEAM 4

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	113+65.10	-12.50	569.71	569.71
CL Brg. S. Abut.	113+69.26	-12.50	569.75	569.75
A	113+79.26	-12.50	569.82	569.88
B	113+89.26	-12.50	569.89	570.01
C	113+99.26	-12.50	569.96	570.11
D	114+09.26	-12.50	570.01	570.19
E	114+19.26	-12.50	570.06	570.25
F	114+29.26	-12.50	570.11	570.29
G	114+39.26	-12.50	570.15	570.30
H	114+49.26	-12.50	570.18	570.30
I	114+59.26	-12.50	570.21	570.29
J	114+69.26	-12.50	570.23	570.27
K	114+79.26	-12.50	570.25	570.26
CL Brg. Pier	114+90.76	-12.50	570.26	570.26
L	115+00.76	-12.50	570.26	570.27
M	115+10.76	-12.50	570.26	570.30
N	115+20.76	-12.50	570.25	570.32
O	115+30.76	-12.50	570.23	570.34
P	115+40.76	-12.50	570.21	570.36
Q	115+50.76	-12.50	570.18	570.36
R	115+60.76	-12.50	570.15	570.33
S	115+70.76	-12.50	570.11	570.29
T	115+80.76	-12.50	570.06	570.22
U	115+90.76	-12.50	570.01	570.13
V	116+00.76	-12.50	569.95	570.02
CL Brg. N. Abut.	116+12.26	-12.50	569.88	569.88
Bk. N. Abut.	116+16.42	-12.50	569.85	569.85

SB PG

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	113+66.20	-11.00	569.75	569.75
CL Brg. S. Abut.	113+70.36	-11.00	569.79	569.79
A	113+80.36	-11.00	569.86	569.92
B	113+90.36	-11.00	569.93	570.04
C	114+00.36	-11.00	569.99	570.15
D	114+10.36	-11.00	570.05	570.23
E	114+20.36	-11.00	570.10	570.29
F	114+30.36	-11.00	570.15	570.32
G	114+40.36	-11.00	570.18	570.34
H	114+50.36	-11.00	570.22	570.33
I	114+60.36	-11.00	570.24	570.32
J	114+70.36	-11.00	570.27	570.31
K	114+80.36	-11.00	570.28	570.29
CL Brg. Pier	114+91.86	-11.00	570.29	570.29
L	115+01.86	-11.00	570.29	570.30
M	115+11.86	-11.00	570.29	570.33
N	115+21.86	-11.00	570.28	570.35
O	115+31.86	-11.00	570.26	570.37
P	115+41.86	-11.00	570.24	570.39
Q	115+51.86	-11.00	570.21	570.38
R	115+61.86	-11.00	570.18	570.36
S	115+71.86	-11.00	570.14	570.32
T	115+81.86	-11.00	570.09	570.25
U	115+91.86	-11.00	570.04	570.16
V	116+01.86	-11.00	569.98	570.05
CL Brg. N. Abut.	116+13.36	-11.00	569.91	569.91
Bk. N. Abut.	116+17.52	-11.00	569.88	569.88

BEAM 5

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	113+71.21	-4.17	569.94	569.94
CL Brg. S. Abut.	113+75.37	-4.17	569.97	569.97
A	113+85.37	-4.17	570.04	570.10
B	113+95.37	-4.17	570.11	570.22
C	114+05.37	-4.17	570.17	570.32
D	114+15.37	-4.17	570.22	570.40
E	114+25.37	-4.17	570.27	570.45
F	114+35.37	-4.17	570.31	570.49
G	114+45.37	-4.17	570.34	570.50
H	114+55.37	-4.17	570.37	570.49
I	114+65.37	-4.17	570.40	570.48
J	114+75.37	-4.17	570.42	570.46
K	114+85.37	-4.17	570.43	570.44
CL Brg. Pier	114+96.87	-4.17	570.43	570.43
L	115+06.87	-4.17	570.43	570.44
M	115+16.87	-4.17	570.42	570.46
N	115+26.87	-4.17	570.41	570.48
O	115+36.87	-4.17	570.39	570.50
P	115+46.87	-4.17	570.37	570.52
Q	115+56.87	-4.17	570.35	570.52
R	115+66.87	-4.17	570.33	570.51
S	115+76.87	-4.17	570.30	570.48
T	115+86.87	-4.17	570.27	570.43
U	115+96.87	-4.17	570.24	570.36
V	116+06.87	-4.17	570.19	570.26
CL Brg. N. Abut.	116+18.37	-4.17	570.11	570.11
Bk. N. Abut.	116+22.53	-4.17	570.08	570.08

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DESIGNED - CMM	
CHECKED - BJN	
DRAWN - GJS	
CHECKED - BJN	

E-S 10-1-08

TOP OF SLAB ELEVATIONS II
STRUCTURE NO. 032-0115

LOCHNER
H.W. LOCHNER, INC.
CONSULTING ENGINEERS & PLANNERS
20 NORTH WACKER DRIVE SUITE 1200
CHICAGO, IL 60606

SHEET NO. 5 OF 31 SHEETS

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(32, 47-4) HBK-4 & (G)N	GRUNDY	351	287
		CONTRACT NO. 66408		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

* FAI 80 & FAS 297 / FAU 392

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

℄ BRISBIN RD.

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	113+74.26	0.00	570.05	570.05
CL Brg. S. Abut.	113+78.42	0.00	570.08	570.08
A	113+88.42	0.00	570.15	570.21
B	113+98.42	0.00	570.21	570.32
C	114+08.42	0.00	570.27	570.42
D	114+18.42	0.00	570.32	570.50
E	114+28.42	0.00	570.35	570.54
F	114+38.42	0.00	570.38	570.55
G	114+48.42	0.00	570.40	570.55
H	114+58.42	0.00	570.42	570.53
I	114+68.42	0.00	570.43	570.51
J	114+78.42	0.00	570.44	570.49
K	114+88.42	0.00	570.45	570.47
CL Brg. Pier	114+99.92	0.00	570.46	570.46
L	115+09.92	0.00	570.47	570.48
M	115+19.92	0.00	570.47	570.51
N	115+29.92	0.00	570.47	570.54
O	115+39.92	0.00	570.47	570.58
P	115+49.92	0.00	570.45	570.59
Q	115+59.92	0.00	570.41	570.59
R	115+69.92	0.00	570.37	570.56
S	115+79.92	0.00	570.33	570.51
T	115+89.92	0.00	570.28	570.43
U	115+99.92	0.00	570.22	570.34
V	116+09.92	0.00	570.16	570.23
CL Brg. N. Abut.	116+21.42	0.00	570.08	570.08
Bk. N. Abut.	116+25.58	0.00	570.05	570.05

BEAM 6

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	113+77.31	4.17	570.04	570.04
CL Brg. S. Abut.	113+81.47	4.17	570.07	570.07
A	113+91.47	4.17	570.12	570.18
B	114+01.47	4.17	570.16	570.28
C	114+11.47	4.17	570.21	570.36
D	114+21.47	4.17	570.25	570.43
E	114+31.47	4.17	570.29	570.47
F	114+41.47	4.17	570.33	570.50
G	114+51.47	4.17	570.36	570.51
H	114+61.47	4.17	570.39	570.51
I	114+71.47	4.17	570.41	570.49
J	114+81.47	4.17	570.42	570.47
K	114+91.47	4.17	570.43	570.45
CL Brg. Pier	115+02.97	4.17	570.43	570.43
L	115+12.97	4.17	570.43	570.44
M	115+22.97	4.17	570.42	570.46
N	115+32.97	4.17	570.40	570.47
O	115+42.97	4.17	570.38	570.49
P	115+52.97	4.17	570.35	570.50
Q	115+62.97	4.17	570.31	570.49
R	115+72.97	4.17	570.27	570.46
S	115+82.97	4.17	570.23	570.41
T	115+92.97	4.17	570.17	570.33
U	116+02.97	4.17	570.11	570.23
V	116+12.97	4.17	570.05	570.12
CL Brg. N. Abut.	116+24.47	4.17	569.97	569.97
Bk. N. Abut.	116+28.63	4.17	569.94	569.94

NB PG

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	113+82.32	11.00	569.88	569.88
CL Brg. S. Abut.	113+86.48	11.00	569.91	569.91
A	113+96.48	11.00	569.97	570.03
B	114+06.48	11.00	570.03	570.14
C	114+16.48	11.00	570.08	570.23
D	114+26.48	11.00	570.13	570.31
E	114+36.48	11.00	570.17	570.36
F	114+46.48	11.00	570.21	570.38
G	114+56.48	11.00	570.23	570.39
H	114+66.48	11.00	570.26	570.37
I	114+76.48	11.00	570.27	570.35
J	114+86.48	11.00	570.29	570.33
K	114+96.48	11.00	570.29	570.31
CL Brg. Pier	115+07.98	11.00	570.29	570.29
L	115+17.98	11.00	570.28	570.29
M	115+27.98	11.00	570.27	570.31
N	115+37.98	11.00	570.25	570.32
O	115+47.98	11.00	570.22	570.33
P	115+57.98	11.00	570.19	570.34
Q	115+67.98	11.00	570.15	570.33
R	115+77.98	11.00	570.11	570.29
S	115+87.98	11.00	570.06	570.24
T	115+97.98	11.00	570.00	570.16
U	116+07.98	11.00	569.94	570.06
V	116+17.98	11.00	569.87	569.94
CL Brg. N. Abut.	116+29.48	11.00	569.79	569.79
Bk. N. Abut.	116+33.64	11.00	569.75	569.75

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DESIGNED - CMM	
CHECKED - BJN	
DRAWN - GJS	
CHECKED - BJN	

E-S 10-1-08

TOP OF SLAB ELEVATIONS III
STRUCTURE NO. 032-0115

LOCHNER
H.W. LOCHNER, INC.
CONSULTING ENGINEERS & PLANNERS
20 NORTH WACKER DRIVE SUITE 1200
CHICAGO, IL 60606

SHEET NO. 6 OF 31 SHEETS

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(32, 47-4) HBK-4 & (G)N	GRUNDY	351	288
		CONTRACT NO. 66408		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

* FAI 80 & FAS 297 / FAU 392

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BEAM 7

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	113+83.42	12.50	569.85	569.85
CL Brg. S. Abut.	113+87.58	12.50	569.88	569.88
A	113+97.58	12.50	569.95	570.01
B	114+07.58	12.50	570.00	570.12
C	114+17.58	12.50	570.06	570.21
D	114+27.58	12.50	570.10	570.28
E	114+37.58	12.50	570.14	570.33
F	114+47.58	12.50	570.18	570.35
G	114+57.58	12.50	570.21	570.36
H	114+67.58	12.50	570.23	570.35
I	114+77.58	12.50	570.25	570.32
J	114+87.58	12.50	570.26	570.30
K	114+97.58	12.50	570.26	570.27
CL Brg. Pier	115+09.08	12.50	570.26	570.26
L	115+19.08	12.50	570.25	570.26
M	115+29.08	12.50	570.23	570.27
N	115+39.08	12.50	570.21	570.29
O	115+49.08	12.50	570.19	570.30
P	115+59.08	12.50	570.16	570.30
Q	115+69.08	12.50	570.12	570.29
R	115+79.08	12.50	570.07	570.26
S	115+89.08	12.50	570.02	570.20
T	115+99.08	12.50	569.97	570.12
U	116+09.08	12.50	569.90	570.02
V	116+19.08	12.50	569.83	569.90
CL Brg. N. Abut.	116+30.58	12.50	569.75	569.75
Bk. N. Abut.	116+34.74	12.50	569.71	569.71

BEAM 8

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	113+89.53	20.83	569.72	569.72
CL Brg. S. Abut.	113+93.69	20.83	569.75	569.75
A	114+03.69	20.83	569.81	569.87
B	114+13.69	20.83	569.86	569.98
C	114+23.69	20.83	569.91	570.06
D	114+33.69	20.83	569.95	570.13
E	114+43.69	20.83	569.99	570.18
F	114+53.69	20.83	570.02	570.20
G	114+63.69	20.83	570.05	570.20
H	114+73.69	20.83	570.07	570.18
I	114+83.69	20.83	570.08	570.16
J	114+93.69	20.83	570.09	570.13
K	115+03.69	20.83	570.09	570.10
CL Brg. Pier	115+15.19	20.83	570.08	570.08
L	115+25.19	20.83	570.07	570.08
M	115+35.19	20.83	570.05	570.09
N	115+45.19	20.83	570.02	570.10
O	115+55.19	20.83	569.99	570.11
P	115+65.19	20.83	569.96	570.11
Q	115+75.19	20.83	569.92	570.09
R	115+85.19	20.83	569.87	570.05
S	115+95.19	20.83	569.81	569.99
T	116+05.19	20.83	569.75	569.91
U	116+15.19	20.83	569.69	569.81
V	116+25.19	20.83	569.62	569.68
CL Brg. N. Abut.	116+36.69	20.83	569.53	569.53
Bk. N. Abut.	116+40.85	20.83	569.49	569.49

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DESIGNED	- CMM
CHECKED	- BJN
DRAWN	- GJS
CHECKED	- BJN

E-S 10-1-08

TOP OF SLAB ELEVATIONS IV
STRUCTURE NO. 032-0115

LOCHNER
H.W. LOCHNER, INC.
CONSULTING ENGINEERS & PLANNERS
20 NORTH WACKER DRIVE SUITE 1200
CHICAGO, IL 60606

SHEET NO. 7 OF 31 SHEETS

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(32, 47-4) HBK-4 & (G)N	GRUNDY	351	289
		CONTRACT NO. 66408		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

* FAI 80 & FAS 297 / FAU 392

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BEAM 9

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	113+95.64	29.17	569.59	569.59
CL Brg. S. Abut.	113+99.80	29.17	569.61	569.61
A	114+09.80	29.17	569.67	569.73
B	114+19.80	29.17	569.72	569.83
C	114+29.80	29.17	569.77	569.92
D	114+39.80	29.17	569.80	569.98
E	114+49.80	29.17	569.84	570.02
F	114+59.80	29.17	569.86	570.04
G	114+69.80	29.17	569.89	570.04
H	114+79.80	29.17	569.90	570.02
I	114+89.80	29.17	569.91	569.99
J	114+99.80	29.17	569.91	569.96
K	115+09.80	29.17	569.91	569.92
CL Brg. Pier	115+21.30	29.17	569.90	569.90
L	115+31.30	29.17	569.88	569.90
M	115+41.30	29.17	569.86	569.90
N	115+51.30	29.17	569.83	569.91
O	115+61.30	29.17	569.80	569.91
P	115+71.30	29.17	569.76	569.91
Q	115+81.30	29.17	569.71	569.89
R	115+91.30	29.17	569.66	569.85
S	116+01.30	29.17	569.60	569.78
T	116+11.30	29.17	569.54	569.70
U	116+21.30	29.17	569.47	569.59
V	116+31.30	29.17	569.40	569.46
CL Brg. N. Abut.	116+42.80	29.17	569.30	569.30
Bk. N. Abut.	116+46.96	29.17	569.26	569.26

BEAM 10

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	114+01.74	37.50	569.45	569.45
CL Brg. S. Abut.	114+05.90	37.50	569.47	569.47
A	114+15.90	37.50	569.53	569.59
B	114+25.90	37.50	569.57	569.69
C	114+35.90	37.50	569.62	569.77
D	114+45.90	37.50	569.65	569.83
E	114+55.90	37.50	569.68	569.87
F	114+65.90	37.50	569.70	569.88
G	114+75.90	37.50	569.72	569.87
H	114+85.90	37.50	569.73	569.85
I	114+95.90	37.50	569.74	569.82
J	115+05.90	37.50	569.74	569.78
K	115+15.90	37.50	569.73	569.75
CL Brg. Pier	115+27.40	37.50	569.72	569.72
L	115+37.40	37.50	569.70	569.71
M	115+47.40	37.50	569.67	569.71
N	115+57.40	37.50	569.64	569.71
O	115+67.40	37.50	569.60	569.71
P	115+77.40	37.50	569.56	569.71
Q	115+87.40	37.50	569.51	569.68
R	115+97.40	37.50	569.45	569.64
S	116+07.40	37.50	569.39	569.57
T	116+17.40	37.50	569.33	569.48
U	116+27.40	37.50	569.25	569.37
V	116+37.40	37.50	569.17	569.24
CL Brg. N. Abut.	116+48.90	37.50	569.07	569.07
Bk. N. Abut.	116+53.06	37.50	569.04	569.04

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DESIGNED - CMM	
CHECKED - BJN	
DRAWN - GJS	
CHECKED - BJN	

E-S 10-1-08

TOP OF SLAB ELEVATIONS V
STRUCTURE NO. 032-0115

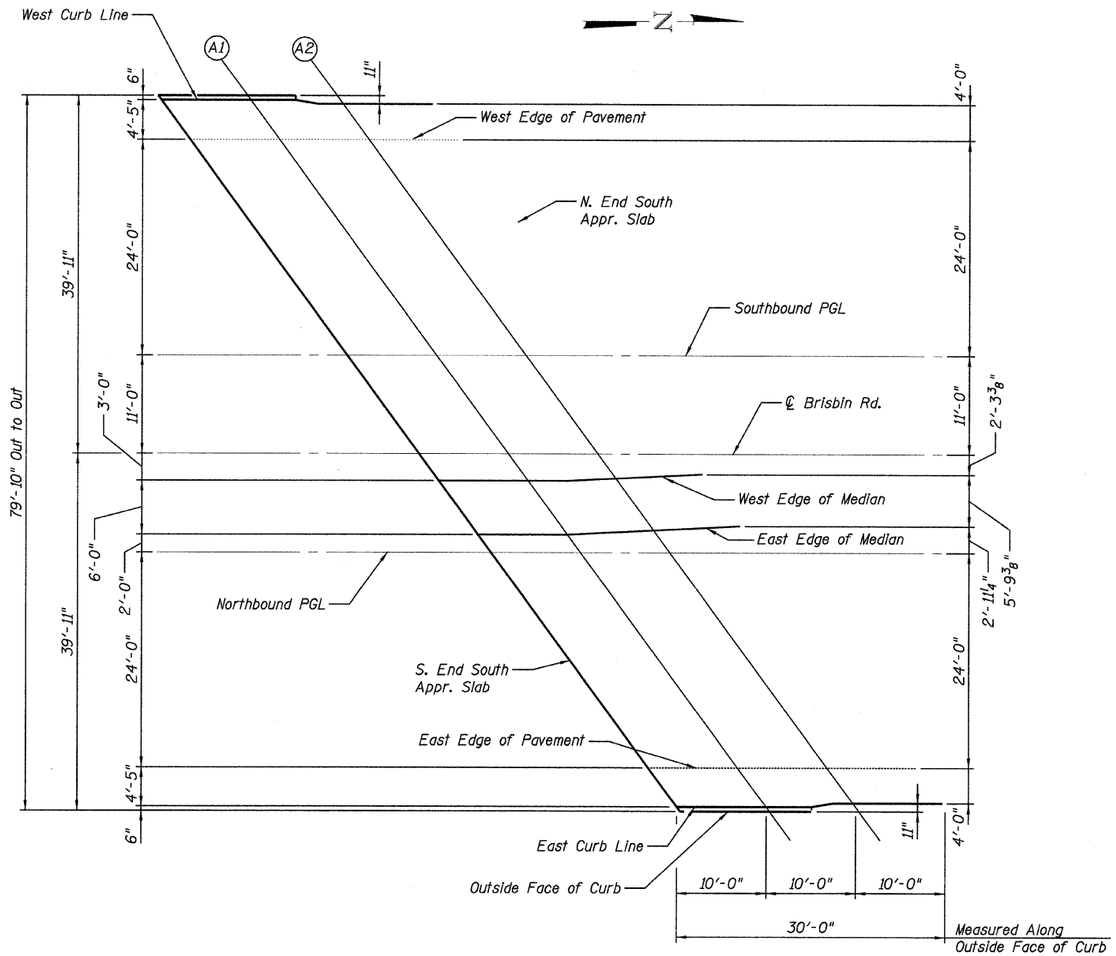
LOCHNER
H.W. LOCHNER, INC.
CONSULTING ENGINEERS & PLANNERS
20 NORTH WACKER DRIVE SUITE 1200
CHICAGO, IL 60606

SHEET NO. 8 OF 31 SHEETS

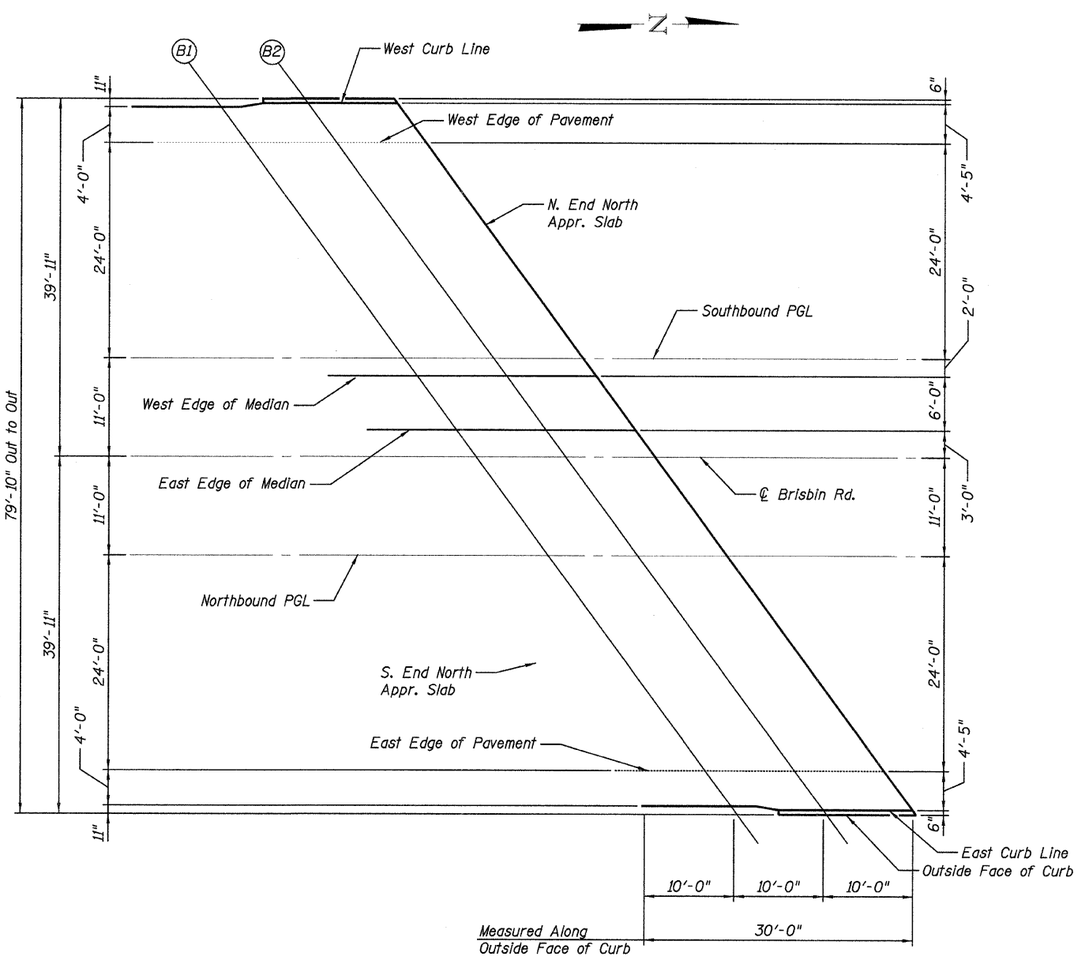
RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(32, 47-4) HBK-4 & (G)N	GRUNDY	351	290
		CONTRACT NO. 66408		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

* FAI 80 & FAS 297 / FAU 392

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



PLAN
South Approach



PLAN
North Approach

Note
For Top of Slab Elevations see Sheets 10 and 11 .

DESIGNED	- MWM
CHECKED	- CMM
DRAWN	- MWM
CHECKED	- CMM

TOP OF APPROACH SLAB
ELEVATION PLAN
STRUCTURE NO. 032-0115

LOCHNER
H.W. LOCHNER, INC.
CONSULTING ENGINEERS & PLANNERS
20 NORTH WACKER DRIVE SUITE 1200
CHICAGO, IL 60606

SHEET NO. 9 OF 31 SHEETS

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(32, 47-4) HBK-4 & (G)N	GRUNDY	351	291
		CONTRACT NO. 66408		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

* FAI 80 & FAS 297 / FAU 392

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WEST CURB LINE

Location	Station	Offset	Theoretical Grade Elevations
S. End South Appr. Pav't.	113+15.99	-39.42	568.68
A1	113+25.99	-39.42	568.79
A2	113+36.30	-39.00	568.90
N. End South Appr. Pav't.	113+46.30	-39.00	569.00

WEST EDGE OF PAVEMENT

Location	Station	Offset	Theoretical Grade Elevations
S. End South Appr. Pav't.	113+19.23	-35.00	568.81
A1	113+29.23	-35.00	568.92
A2	113+39.23	-35.00	569.02
N. End South Appr. Pav't.	113+49.23	-35.00	569.11

SOUTHBOUND PGL

Location	Station	Offset	Theoretical Grade Elevations
S. End South Appr. Pav't.	113+36.82	-11.00	569.49
A1	113+46.82	-11.00	569.59
A2	113+56.82	-11.00	569.68
N. End South Appr. Pav't.	113+66.82	-11.00	569.76

℄ BRISBIN RD.

Location	Station	Offset	Theoretical Grade Elevations
S. End South Appr. Pav't.	113+44.88	0.00	569.80
A1	113+54.88	0.00	569.89
A2	113+64.88	0.00	569.97
N. End South Appr. Pav't.	113+74.88	0.00	570.05

WEST EDGE OF MEDIAN

Location	Station	Offset	Theoretical Grade Elevations
S. End South Appr. Pav't.	113+47.08	3.00	569.88
A1	113+57.08	3.00	569.97
A2	113+66.93	2.73	570.05
N. End South Appr. Pav't.	113+76.50	2.25	570.11

EAST EDGE OF MEDIAN

Location	Station	Offset	Theoretical Grade Elevations
S. End South Appr. Pav't.	113+51.48	9.00	569.67
A1	113+61.48	9.00	569.76
A2	113+71.17	8.51	569.85
N. End South Appr. Pav't.	113+80.79	8.03	569.93

NORTHBOUND PGL

Location	Station	Offset	Theoretical Grade Elevations
S. End South Appr. Pav't.	113+52.94	11.00	569.64
A1	113+62.94	11.00	569.73
A2	113+72.94	11.00	569.81
N. End South Appr. Pav't.	113+82.94	11.00	569.88

EAST EDGE OF PAVEMENT

Location	Station	Offset	Theoretical Grade Elevations
S. End South Appr. Pav't.	113+70.53	35.00	569.29
A1	113+80.53	35.00	569.36
A2	113+90.53	35.00	569.43
N. End South Appr. Pav't.	114+00.53	35.00	569.49

EAST CURB LINE

Location	Station	Offset	Theoretical Grade Elevations
S. End South Appr. Pav't.	113+73.77	39.42	569.22
A1	113+83.77	39.42	569.29
A2	113+93.46	39.00	569.37
N. End South Appr. Pav't.	114+03.46	39.00	569.43

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DESIGNED	- MWM
CHECKED	- CMM
DRAWN	- MWM
CHECKED	- CMM

TOP OF SOUTH APPROACH SLAB ELEVATIONS STRUCTURE NO. 032-0115

LOCHNER
H.W. LOCHNER, INC.
CONSULTING ENGINEERS & PLANNERS
20 NORTH WACKER DRIVE SUITE 1200
CHICAGO, IL 60606

SHEET NO. 10 OF 31 SHEETS

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(32, 47-4) HBK-4 & (G)N	GRUNDY	351	292
		CONTRACT NO. 66408		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

* FAI 80 & FAS 297 / FAU 392

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WEST CURB LINE

Location	Station	Offset	Theoretical Grade Elevations
S. End North Appr. Pav't.	115+96.37	-39.00	569.43
B1	116+06.37	-39.00	569.37
B2	116+16.07	-39.42	569.29
N. End North Appr. Pav't.	116+26.07	-39.42	569.22

WEST EDGE OF PAVEMENT

Location	Station	Offset	Theoretical Grade Elevations
S. End North Appr. Pav't.	115+99.30	-35.00	569.50
B1	116+09.30	-35.00	569.43
B2	116+19.30	-35.00	569.36
N. End North Appr. Pav't.	116+29.30	-35.00	569.29

SOUTHBOUND PGL

Location	Station	Offset	Theoretical Grade Elevations
S. End North Appr. Pav't.	116+16.89	-11.00	569.88
B1	116+26.89	-11.00	569.81
B2	116+36.89	-11.00	569.73
N. End North Appr. Pav't.	116+46.89	-11.00	569.64

WEST EDGE OF MEDIAN

Location	Station	Offset	Theoretical Grade Elevations
S. End North Appr. Pav't.	116+18.36	-9.00	569.91
B1	116+28.36	-9.00	569.84
B2	116+38.36	-9.00	569.76
N. End North Appr. Pav't.	116+48.36	-9.00	569.67

EAST EDGE OF MEDIAN

Location	Station	Offset	Theoretical Grade Elevations
S. End North Appr. Pav't.	116+22.76	-3.00	570.01
B1	116+32.76	-3.00	569.93
B2	116+42.76	-3.00	569.85
N. End North Appr. Pav't.	116+52.76	-3.00	569.76

℄ BRISBIN RD.

Location	Station	Offset	Theoretical Grade Elevations
S. End North Appr. Pav't.	116+24.96	0.00	570.05
B1	116+34.96	0.00	569.97
B2	116+44.96	0.00	569.89
N. End North Appr. Pav't.	116+54.96	0.00	569.80

NORTHBOUND PGL

Location	Station	Offset	Theoretical Grade Elevations
S. End North Appr. Pav't.	116+33.02	11.00	569.76
B1	116+43.02	11.00	569.68
B2	116+53.02	11.00	569.59
N. End North Appr. Pav't.	116+63.02	11.00	569.49

EAST EDGE OF PAVEMENT

Location	Station	Offset	Theoretical Grade Elevations
S. End North Appr. Pav't.	116+50.61	35.00	569.11
B1	116+60.61	35.00	569.02
B2	116+70.61	35.00	568.92
N. End North Appr. Pav't.	116+80.61	35.00	568.81

EAST CURB LINE

Location	Station	Offset	Theoretical Grade Elevations
S. End North Appr. Pav't.	116+53.54	39.00	569.00
B1	116+63.54	39.00	568.90
B2	116+73.85	39.42	568.79
N. End North Appr. Pav't.	116+83.85	39.42	568.68

TOP OF NORTH APPROACH SLAB ELEVATIONS STRUCTURE NO. 032-0115

DESIGNED	MWM
CHECKED	CMM
DRAWN	MWM
CHECKED	CMM

LOCHNER
H.W. LOCHNER, INC.
CONSULTING ENGINEERS & PLANNERS
20 NORTH WACKER DRIVE SUITE 1200
CHICAGO, IL 60606

SHEET NO. 11 OF 31 SHEETS

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(32, 47-4) HBK-4 & (G)N	GRUNDY	351	293
		CONTRACT NO. 66408		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

* FAI 80 & FAS 297 / FAU 392

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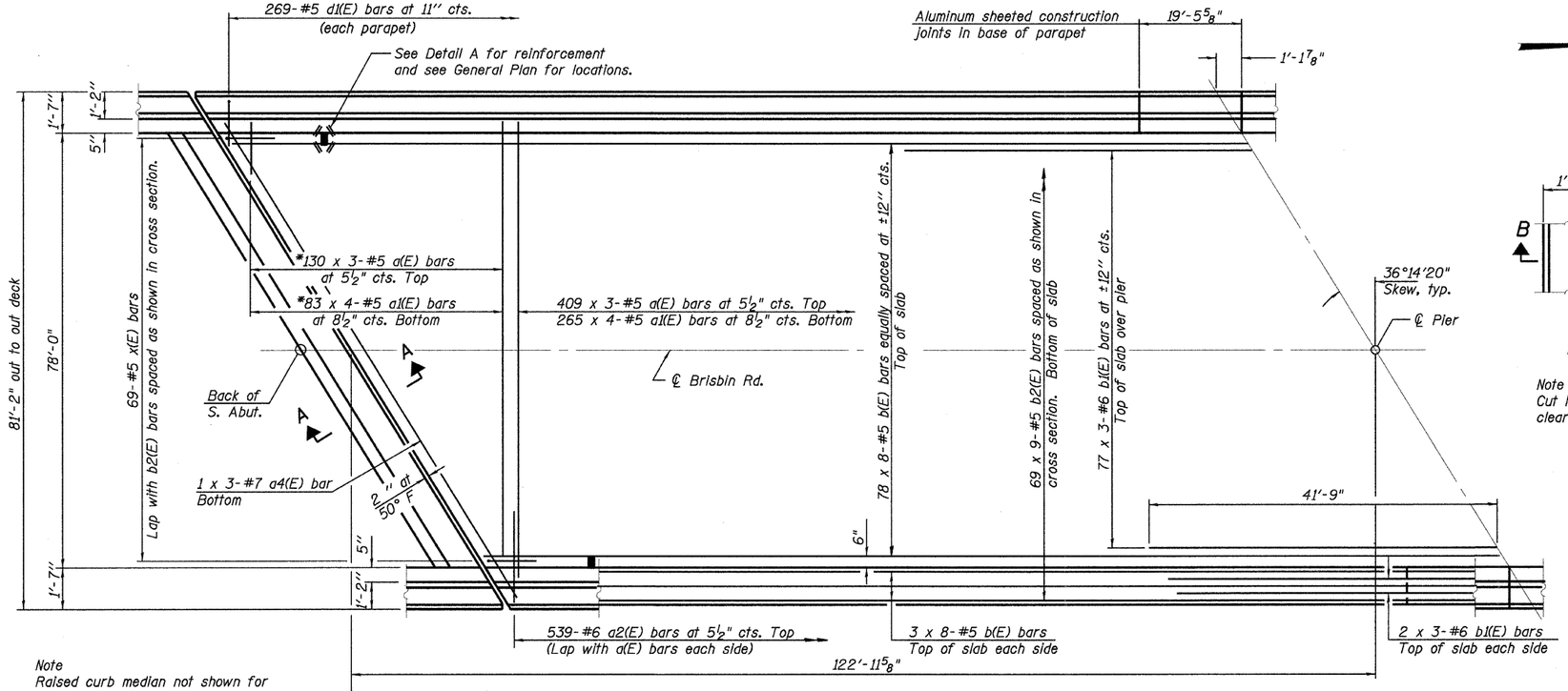
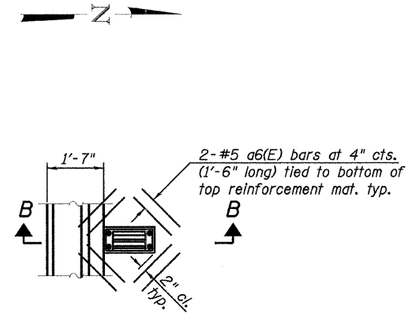
* Order a(E) & a1(E) bars full length. Cut to fit skew and use remainder of bars in opposite end.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

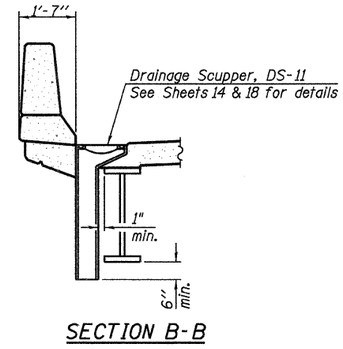


Note
Raised curb median not shown for clarity. See Sheet 13 for median plan and details.



DETAIL A

Note
Cut longitudinal reinforcement to clear drainage scuppers.



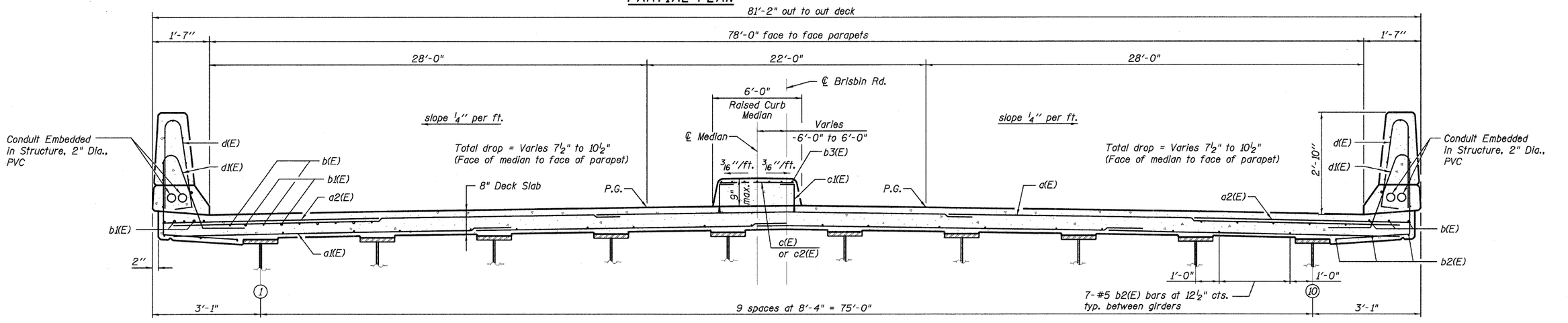
SECTION B-B

MINIMUM BAR LAPS

#5 bar = 2'-2"
#6 bar = 2'-7"
#7 bar = 4'-10" (Top Bar)
#7 bar = 3'-5" (Bottom Bar)

Notes
See Sheets 13 & 14 for superstructure details and Bill of Material.
Bars indicated thus 20 x 3-#5 etc. indicates 20 lines of bars with 3 lengths per line.
See Sheet 14 for parapet reinforcement.

PARTIAL PLAN



NEAR PIER

NEAR MIDSPAN

DECK PLAN & CROSS SECTION
STRUCTURE NO. 032-0115

CROSS SECTION
(Looking North)

DESIGNED	BJN
CHECKED	CMM
DRAWN	GJS
CHECKED	CMM

LOCHNER
H.W. LOCHNER, INC.
CONSULTING ENGINEERS & PLANNERS
20 NORTH WACKER DRIVE SUITE 1200
CHICAGO, IL 60606

SHEET NO. 12 OF 31 SHEETS

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(32, 47-4) HBK-4 & (G)N	GRUNDY	351	294
		CONTRACT NO. 66408		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

* FAI 80 & FAS 297 / FAU 392

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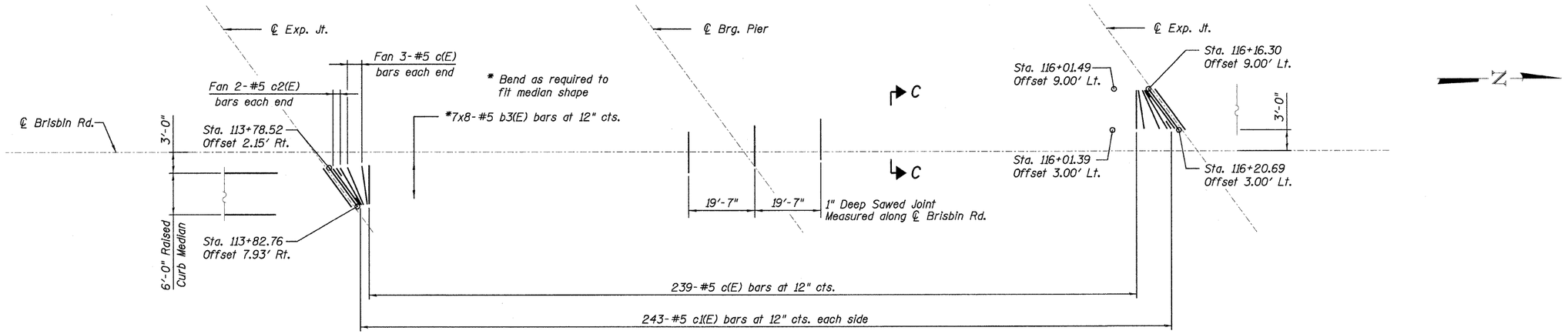
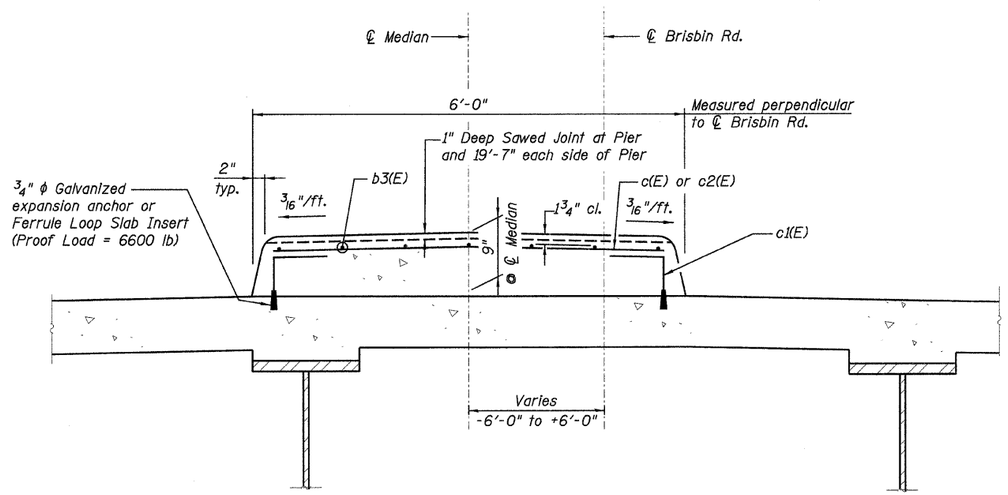
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



RAISED CURB MEDIAN PLAN



SECTION C-C

Note
Cost of expansion anchors/Inserts is included with Reinforcement Bars, Epoxy Coated.

SUPERSTRUCTURE DETAILS I
STRUCTURE NO. 032-0115

DESIGNED	- BJN
CHECKED	- CMM
DRAWN	- GJS
CHECKED	- CMM

LOCHNER
H.W. LOCHNER, INC.
CONSULTING ENGINEERS & PLANNERS
20 NORTH WACKER DRIVE SUITE 1200
CHICAGO, IL 60606

SHEET NO. 13 OF 31 SHEETS

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(32, 47-4) HBK-4 & (G)N	GRUNDY	351	295
		CONTRACT NO. 66408		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

* FAI 80 & FAS 297 / FAU 392

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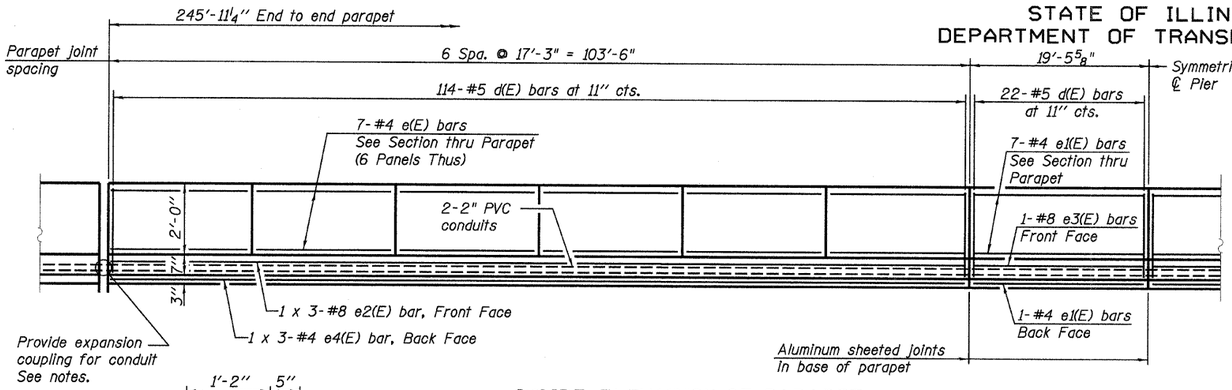
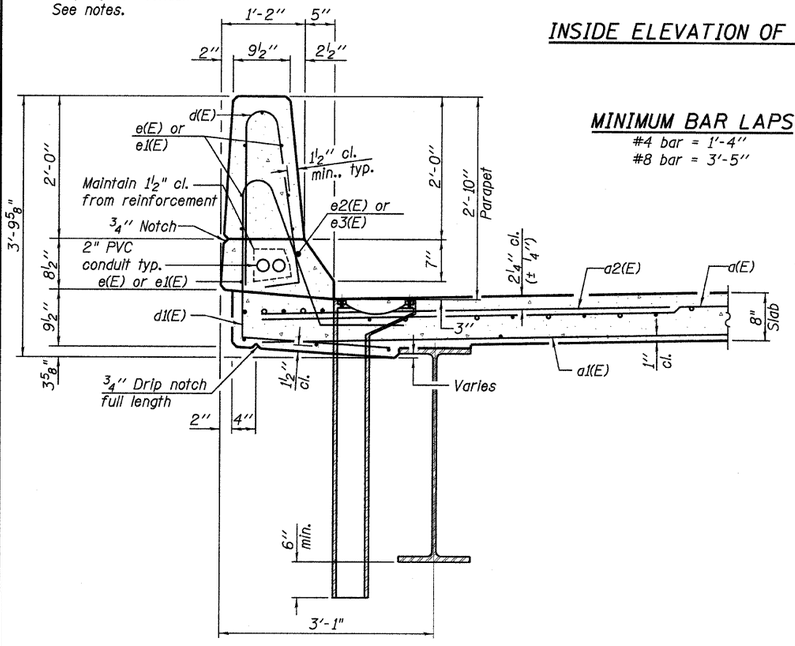
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



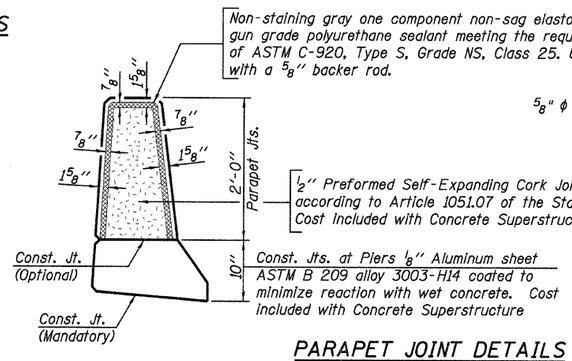
INSIDE ELEVATION OF PARAPET



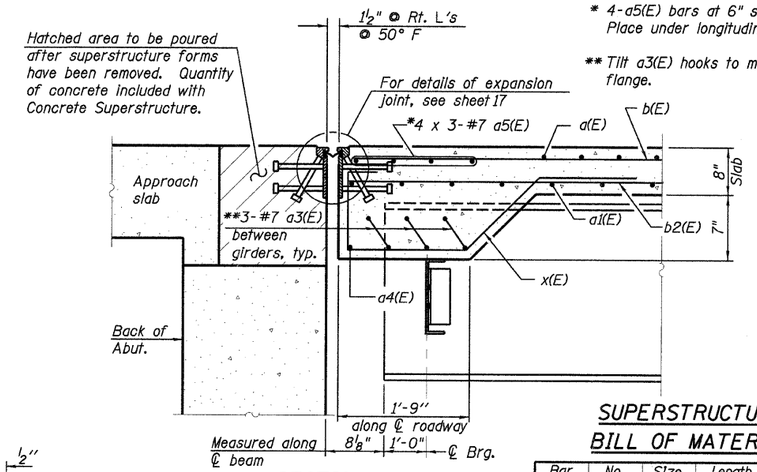
SECTION THRU PARAPET

MINIMUM BAR LAPS

#4 bar = 1'-4"
#8 bar = 3'-5"



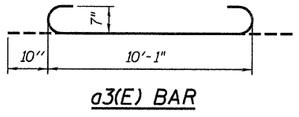
PARAPET JOINT DETAILS



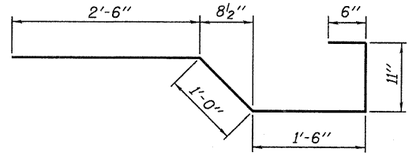
SECTION A-A

SUPERSTRUCTURE BILL OF MATERIAL

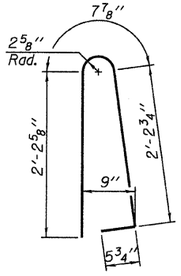
Bar	No.	Size	Length	Shape
a(E)	1617	#5	28'-4"	
a1(E)	1392	#5	21'-9"	
a2(E)	1078	#6	6'-0"	
a3(E)	54	#7	11'-9"	
a4(E)	6	#7	35'-7"	
a5(E)	24	#7	36'-6"	
a6(E)	32	#5	1'-6"	
b(E)	672	#5	32'-8"	
b1(E)	243	#6	29'-7"	
b2(E)	621	#5	29'-3"	
b3(E)	56	#5	31'-8"	
c(E)	239	#5	5'-4"	
c1(E)	486	#5	1'-6"	
c2(E)	4	#5	6'-4"	
d(E)	544	#5	5'-7"	
d1(E)	538	#5	7'-6"	
e(E)	168	#4	17'-0"	
e1(E)	32	#4	19'-2"	
e2(E)	12	#8	36'-9"	
e3(E)	4	#8	19'-2"	
e4(E)	12	#4	35'-4"	
x(E)	138	#5	6'-5"	
Reinforcement Bars, Epoxy Coated			Pound	161,540
Concrete Superstructure			Cu. Yd.	624.9



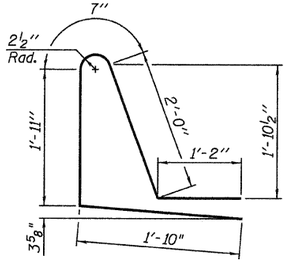
a3(E) BAR



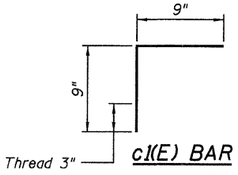
BAR x(E)



d(E) BAR



d1(E) BAR



c1(E) BAR

Notes
Bars indicated thus 1 x 3-#8 etc. indicates 1 line of bars with 3 lengths per line.

Provide expansion & displacement coupling per Section 812 of the Standard Specifications for embedded conduits. Cost included with Conduit Embedded Structure, 2" Dia., PVC.

SUPERSTRUCTURE DETAILS II
STRUCTURE NO. 032-0115

DESIGNED -	BJN
CHECKED -	CMM
DRAWN -	GJS
CHECKED -	CMM

LOCHNER
H.W. LOCHNER, INC.
CONSULTING ENGINEERS & PLANNERS
20 NORTH WACKER DRIVE SUITE 1200
CHICAGO, IL 60606

SHEET NO. 14 OF 31 SHEETS	RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	*	(32, 47-4) HBK-4 & (G)N	GRUNDY	351	296
			CONTRACT NO. 66408		
	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* FAI 80 & FAS 297 / FAU 392

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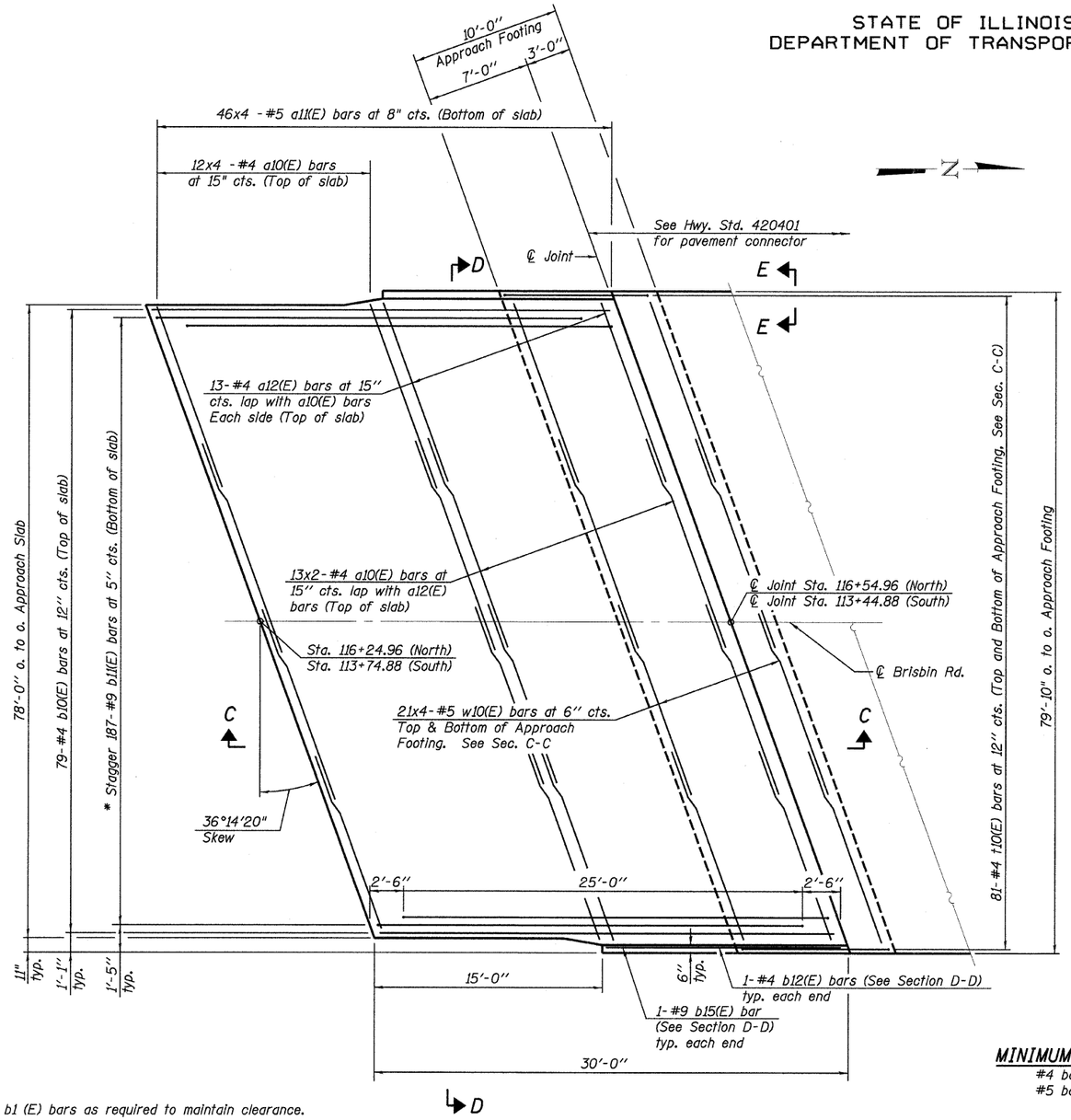
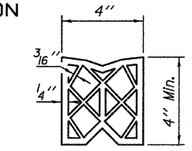
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



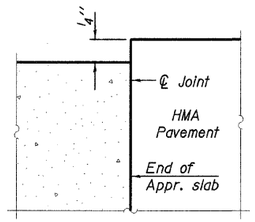
* Tilt #9 b1 (E) bars as required to maintain clearance.

PLAN
North Approach Shown,
South Approach Similar, Opposite Hand

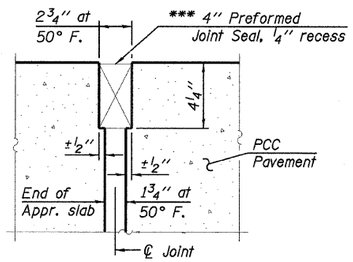


PREFORMED JOINT SEAL

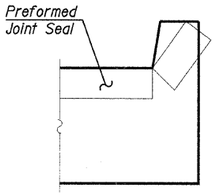
*** Cost included with Concrete Superstructure.



FLEXIBLE PAVEMENT

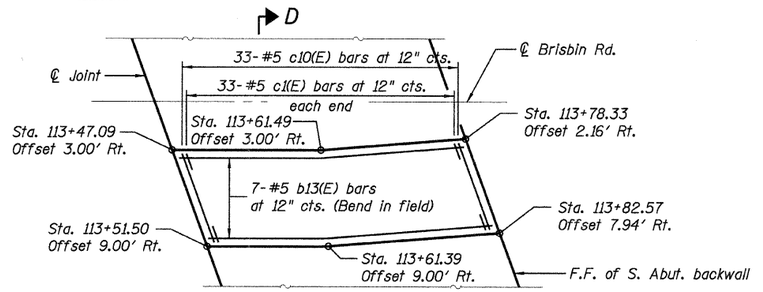


RIGID PAVEMENT

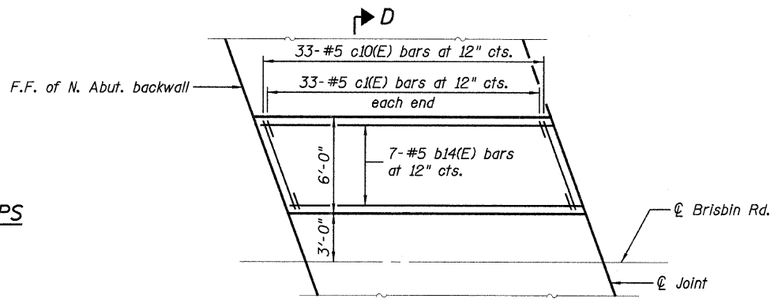


VIEW E-E
Angle Preformed Joint Seal at 45° at curbs when req'd for drainage.

DETAIL A



SOUTH APPROACH MEDIAN PLAN



NORTH APPROACH MEDIAN PLAN

MINIMUM BAR LAPS
#4 bar = 1'-11"
#5 bar = 2'-2"

Notes
1. See sheet 16 for Sections C-C & D-D .
2. Bars indicated thus 46x4 - #5 indicates 46 lines of bars with 4 lengths per line.

BRIDGE APPROACH SLAB DETAILS I
STRUCTURE NO. 032-0115

DESIGNED	MWM
CHECKED	BJN
DRAWN	MWM
CHECKED	BJN

LOCHNER
H.W. LOCHNER, INC.
CONSULTING ENGINEERS & PLANNERS
20 NORTH WACKER DRIVE SUITE 1200
CHICAGO, IL 60606

SHEET NO. 15 OF 31 SHEETS

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(32, 47-4) HBK-4 & (G)N	GRUNDY	351	297
		CONTRACT NO. 66408		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

* FAI 80 & FAS 297 / FAU 392

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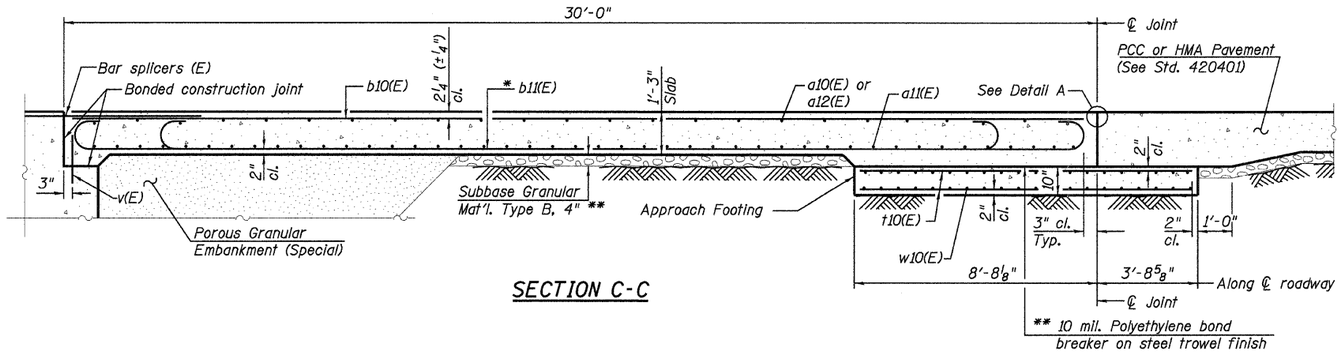
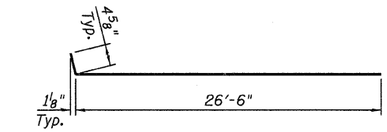
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

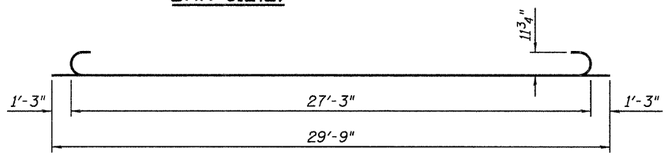


SECTION C-C

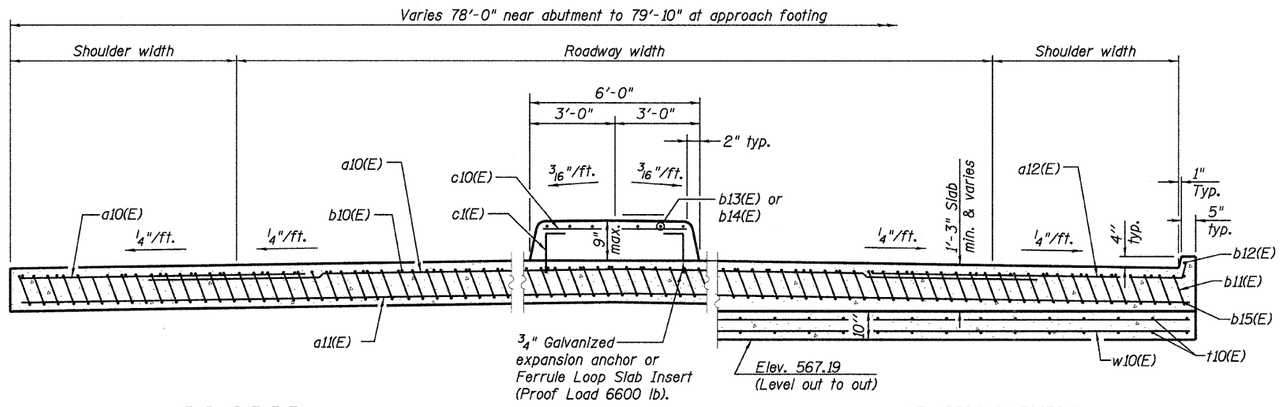
* Tilt #9 b11(E) bars as required to maintain clearance.
** Cost included with Concrete Superstructure.



BAR a12(E)



BAR b11(E)



NEAR ABUTMENT

AT APPROACH FOOTING

SECTION D-D
(See Plan for dimensions not shown)

TWO APPROACHES
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a10(E)	148	#4	25'-7"	
a11(E)	368	#5	26'-4"	
a12(E)	52	#4	26'-11"	
b10(E)	158	#4	29'-8"	
b11(E)	364	#9	29'-9"	
b12(E)	4	#4	14'-8"	
b13(E)	7	#5	30'-11"	
b14(E)	7	#5	31'-6"	
b15(E)	4	#9	14'-8"	
t10(E)	400	#4	12'-0"	
w10(E)	336	#5	26'-4"	
c10(E)	66	#5	6'-8"	
c1(E)	132	#5	1'-6"	
Concrete Superstructure			Cu. Yd.	248.0
Concrete Structures			Cu. Yd.	61.2
Reinforcement Bars, Epoxy Coated			Pound	67,320

Notes

1. See sheet 15 for Detail A.
2. Approach slab, approach median and parapet concrete shall be paid for as Concrete Superstructure.
3. Approach footing concrete shall be paid for as Concrete Structures
4. Reinforcement shall be paid for as Reinforcement Bars, Epoxy Coated.
5. For v(E) bar details, see sheets 22 & 23.
6. The approach footing maximum applied service bearing pressure (Qmax) = 2.0 ksf.
7. For bar splicer details, see sheet 29 .
8. Cost of excavation for approach footing included with Concrete Structures.
9. For Porous Granular Embankment (Special) and drainage treatment details, see sheet 2 .
10. Cost of expansion anchors/inserts is included in the cost of Reinforcement Bars, Epoxy Coated.

DESIGNED	- MWM
CHECKED	- BJN
DRAWN	- MWM
CHECKED	- BJN

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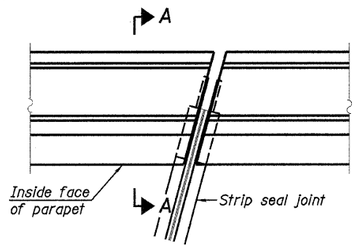
BRIDGE APPROACH SLAB DETAILS II
STRUCTURE NO. 032-0115

LOCHNER
H.W. LOCHNER, INC.
CONSULTING ENGINEERS & PLANNERS
20 NORTH WACKER DRIVE SUITE 1200
CHICAGO, IL 60606

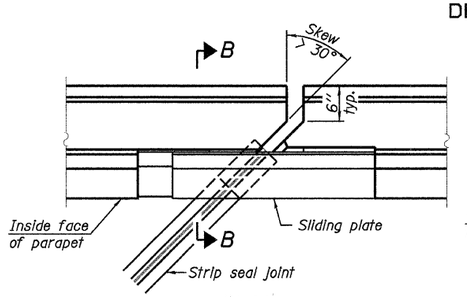
SHEET NO. 16 OF 31 SHEETS	RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	*	(32, 47-4) HBK-4 & (G)N	GRUNDY	351	298
			CONTRACT NO. 66408		
	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* FAI 80 & FAS 297 / FAU 392

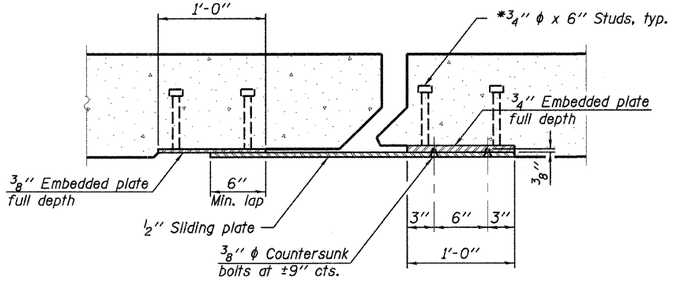
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



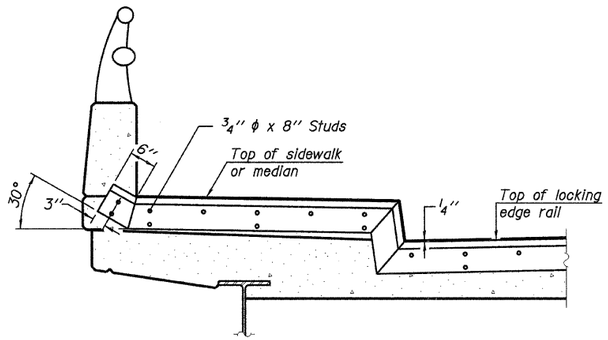
PLAN
(For skews ≤ 30°)



PLAN
(For skews > 30°)
Showing point block

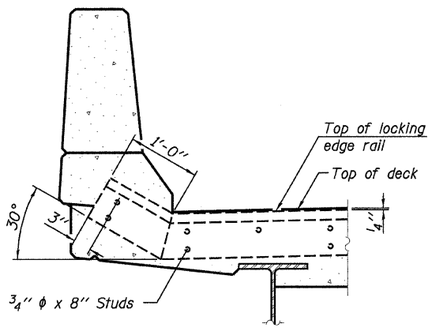


SECTION C-C

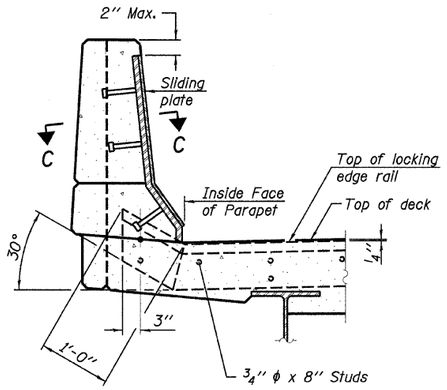


TYPICAL END TREATMENT AT SIDEWALK OR MEDIAN

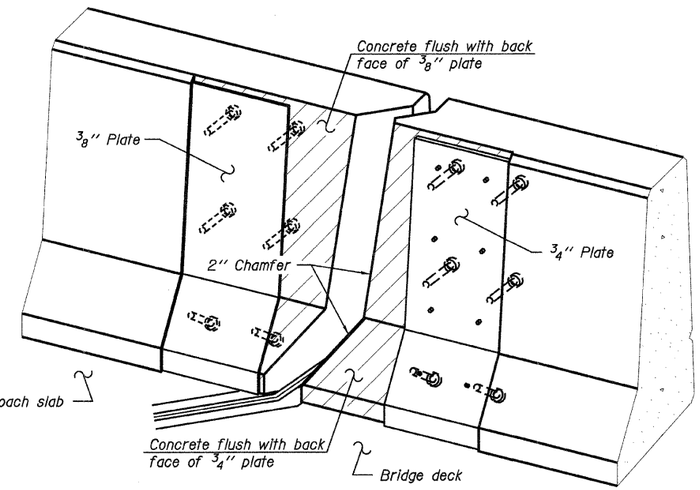
Shorter plates with a single row of studs at 12" cts. may be necessary on medians which are shallower than 9". See manufacturer's recommendation.



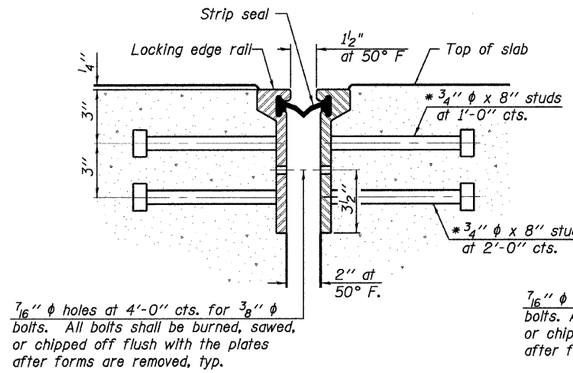
SECTION A-A



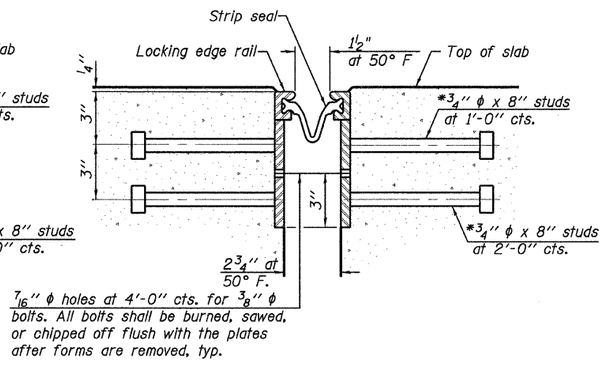
SECTION B-B



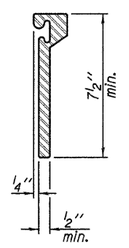
TRIMETRIC VIEW
(Showing back plates only)



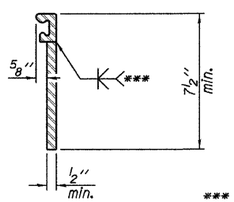
SECTION THRU ROLLED RAIL JOINT



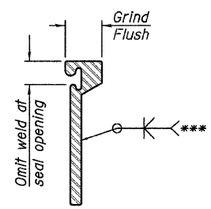
SECTION THRU WELDED RAIL JOINT



ROLLED EXTRUDED RAIL



WELDED RAIL



*** Back gouge not required if complete joint penetration is verified by mock-up.

LOCKING EDGE RAILS

LOCKING EDGE RAIL SPLICE

The inside of the locking edge rail groove shall be free of weld residue.

Rolled rail shown, welded rail similar.

Notes:

The strip seal shall be made continuous and shall have a minimum thickness of ¼". The configuration of the strip seal shall match the configuration of the Locking Edge Rails. Open or "webbed" strip seal gland configurations are not permitted. The gland shall be sized for a maximum rated movement of 4 inches.

The Locking Edge Rails depicted are conceptual only, except for the minimum dimensions shown. The actual configuration of the Locking Edge Rails and matching strip seal may vary from manufacturer to manufacturer. Flanged edge rails will not be allowed. Locking Edge Rails may be spliced at slope discontinuities.

The manufacturer's recommended installation methods shall be followed.

The joint opening and deck dimensions detailed on the superstructure are based on a rolled rail expansion joint. If the Contractor elects to use the welded rail expansion joint, the opening and deck dimensions shall be modified according to the dimensions detailed on this sheet. Required modifications shall be made at no additional cost to the State.

All steel components shall be galvanized after fabrication according to Article 520.03 of the Standard Specifications.

Maximum space between rail segments at stage lines shall be 3/16", sealed with a suitable sealant.

Parapet plates and anchorage studs for skews > 30° included in the cost of Preformed Joint Strip Seal.

BILL OF MATERIAL

Item	Unit	Total
Preformed Joint Strip Seal	Foot	201

* Granular or solid flux filled headed studs conforming to Article 1006.32 of the Std. Specs., automatically end welded.

DESIGNED	-
CHECKED	- CMM
DRAWN	- GJS
CHECKED	- CMM

EJ-SSJ 7-1-10

LOCHNER
H.W. LOCHNER, INC.
CONSULTING ENGINEERS & PLANNERS
20 NORTH WACKER DRIVE SUITE 1200
CHICAGO, IL 60606

SHEET NO. 17 OF 31 SHEETS

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(32, 47-4) HBK-4 & (G)N	GRUNDY	351	299
		CONTRACT NO. 66408		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

* FAI 80 & FAS 297 / FAU 392

PREFORMED JOINT STRIP SEAL
STRUCTURE NO. 032-0115

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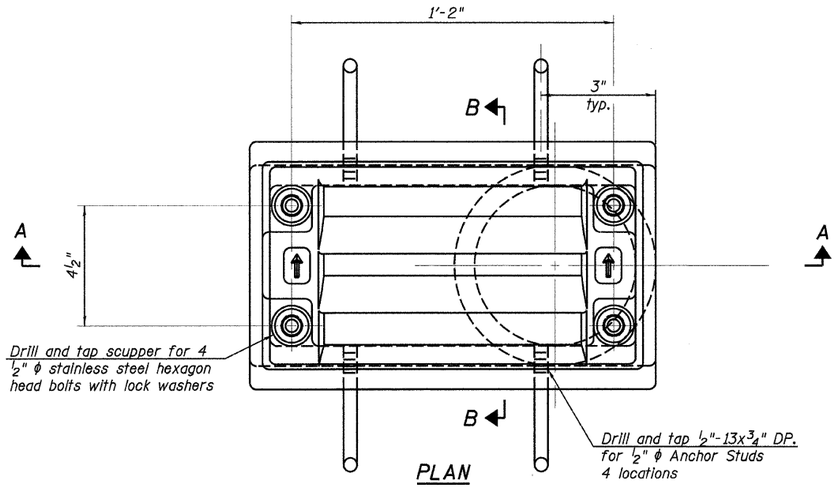
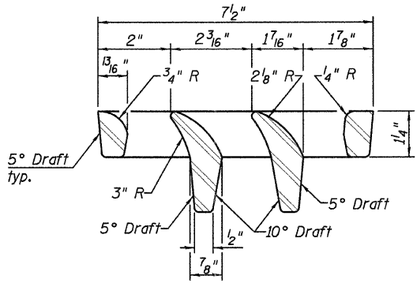
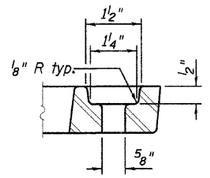
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



PLAN



VANE GRATE DETAIL



BOLT HOLE DETAIL

Notes

All cast iron parts shall be gray iron conforming to the requirements of AASHTO M 105, Class 35B.

Bolts, anchor studs, washers and nuts shall conform to the requirements of ASTM A 307 and shall be galvanized according to AASHTO M 232.

Downspouts located on the exterior side of a painted steel fascia beam shall be painted with the finish coat specified for the exterior side of the fascia beam.

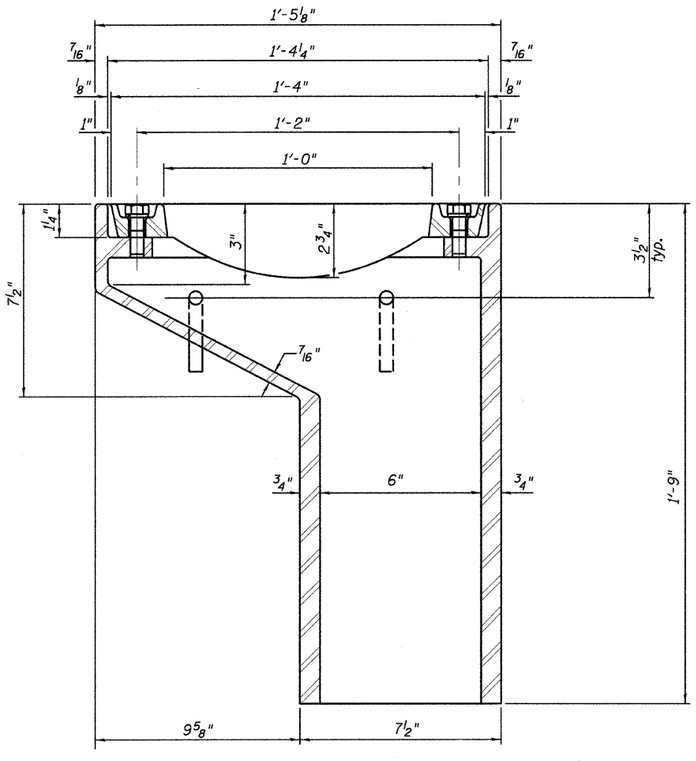
As an alternate, bolts, anchor studs, washers and nuts may be stainless steel according to Article 1006.29(d) of the Standard Specifications.

Structural steel weldments of equal sections and of the same configuration may be substituted for the cast iron scupper frame. Fillet or full penetration welds shall be used for the weldments. Details shall be submitted to the Engineer for approval. Structural steel weldments shall not be substituted for the cast iron scupper grate. Structural steel frames and downspouts shall be galvanized according to AASHTO M111.

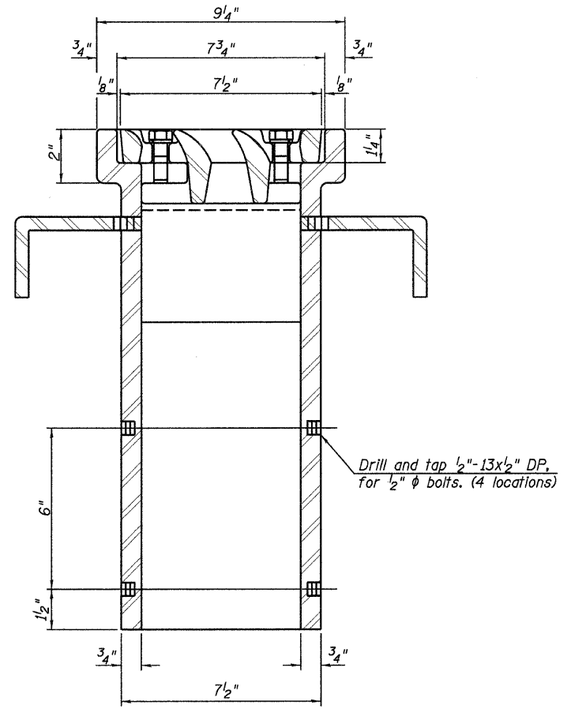
The Contractor shall take appropriate measures to assure that Protective Coat is not applied to the scupper.

Cost of the Grate, Frame, Downspout, Anchor Studs, Bolts, Washers and Nuts including complete installation of the scupper shall be paid for at the contract unit price each for Drainage Scupper, DS-11.

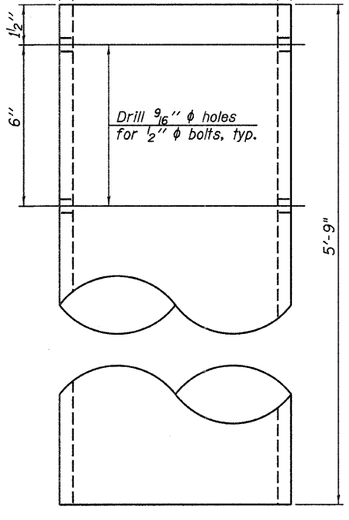
Alternate fiberglass downspout conforming to ASTM D 2996 with a short-time rupture strength hoop tensile stress of 30,000 psi min. may be used in lieu of the cast iron or steel equivalent.



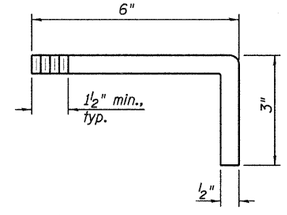
SECTION A-A
See sheet 14 for scupper location relative to parapet.



SECTION B-B



DOWNSPOUT



ANCHOR STUD DETAIL

BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Drainage Scupper, DS-11	Each	4

DRAINAGE SCUPPER, DS-11
STRUCTURE NO. 032-0115

DESIGNED - CMM	
CHECKED - JSD	
DRAWN - GJS	
CHECKED - JSD	

DS-11 10-1-08

LOCHNER
H.W. LOCHNER, INC.
CONSULTING ENGINEERS & PLANNERS
20 NORTH WACKER DRIVE SUITE 1200
CHICAGO, IL 60606

SHEET NO. 18 OF 31 SHEETS

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(32, 47-4) HBK-4 & (G)N	GRUNDY	351	300
		CONTRACT NO. 66408		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

* FAI 80 & FAS 297 / FAU 392

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