F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	09-00022-06-SP	MASON	35	1
	ILLINOIS	CONTRACT NO. 93543		

08-05-11 LETTING ITEM 095

INDEX OF SHEETS

1	COVER SHEET
2	GENERAL NOTES & SUMMARY OF QUANTITIES
3	TYPICAL SECTIONS
4	SCHEDULES OF QUANTITIES
5–6	PLAN AND PROFILE SHEETS
7	STORM WATER POLLUTION PREVENTION PLANS
8	INTERSECTION DETAIL
9	SIGNING AND STRIPING PLANS
10	SPECIAL DETAILS
11–35	CROSS SECTION SHEETS

DESCRIPTION OF WORK

THIS PROJECT CONSISTS OF HOT–MIX ASPHALT RESURFACING OF COUNTY HIGHWAY 20 TO CORRECT DEFICIENT SUPERELVATION. THE IMPROVEMENTS WILL CONSIST OF CORRECTING THE SUPERELEVATION ON THE CURVE WITH LEVELING BINDER AND HOT–MIX ASPHALT SURFACE COURSE. IN ADDITION, A HOT–MIX ASPHALT SCHOOL BUS PULL–OUT WILL BE CONSTRUCTED, HOT–MIX ASPHALT SHOULDERS WILL BE CONSTRUCTED, AND EARTH SLOPES WILL BE RECONSTRUCTED. ALSO INCLUDED WILL BE MINIMAL DRAINAGE WORK, NEW SIGNING, PAVEMENT MARKING, AND HOT–MIX ASPHALT OR AGGREGATE APRONS AT SIDEROADS AND ENTRANCES.

GAS & ELECTRIC
AMEREN CIPS
MENARD ELECTRICAL COOPERATIVE

CABLE T.V.
CASS COUNTY TELEPHONE & CABLE

TELEPHONE
FRONTIER COMMUNICATIONS
CASS COUNTY TELEPHONE & CABLE
CENTURYTEL

WATER & SEWER
CITY OF HAVANA

SCALES
- PLAN / PROFILE HORIZ. — 50′ 0 50′
- PROFILE VERT. — 10′ 0 10′
- CROSS SECTIONS HORIZ. — 5′ 0 5′
- CROSS SECTIONS VERT. — 2.5′ 0 2.5′

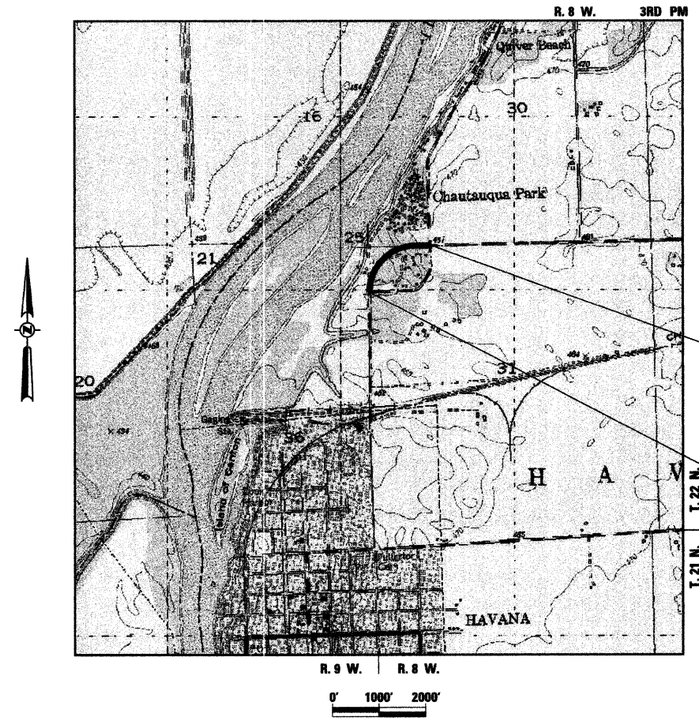
J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1–800–892–0123
OR 811

DESIGN DESIGNATION
FAS 567
RURAL COLLECTOR

ADT (2030): 5316
DESIGN SPEED: 55 MPH (POSTED 45 MPH ALONG CURVE)

3R GUIDELINES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
PLANS FOR PROPOSED
HIGH RISK RURAL ROADS PROGRAM
MASON COUNTY
SECTION 09–00022–06–SP
F.A.S. 567 (CH 20)
PROJECT NO. HRR–0567(116)
JOB NUMBER C–96–274–10



TOTAL LENGTH OF PROJECT = 2165.00 LINEAL FEET = 0.410 MILES
NET LENGTH OF PROJECT = 2165.00 LINEAL FEET = 0.410 MILES

CONTRACT NO. 93543

REQUIRED STANDARDS

000001–06	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
280001–05	TEMPORARY EROSION CONTROL SYSTEMS
482001–02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
642001–01	SHOULDER RUMBLE STRIP
701006–03	OFF–ROAD OPERATIONS, 2L, 2W, 15′ (4.5m) TO 24″ (600mm) FROM PAVEMENT EDGE
701011–02	OFF–ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201–04	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
701306–03	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
701311–03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS – DAY ONLY
701326–04	LANE CLOSURE 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS ≥ 45 MPH
701901–01	TRAFFIC CONTROL DEVICES
720001–01	SIGN PANEL MOUNTING DETAILS
720006–02	SIGN PANEL ERECTION DETAILS
728001–01	TELESCOPING STEEL SIGN SUPPORT
780001–02	TYPICAL PAVEMENT MARKINGS

HUTCHISON ENGINEERING, INC
CONSULTING ENGINEERS
JACKSONVILLE, ILLINOIS
2010 **JOB NO 2812**

BRIAN M. BORGMAN
062-056071
REGISTERED PROFESSIONAL ENGINEER
STATE OF ILLINOIS
9/28/2010
EXP. 11/30/2011
ENGINEER'S SEAL

APPROVED Sept. 29 20 10
Mark H. Kirby
COUNTY ENGINEER

PASSED JANUARY 31 20 11
Terence H Forstall PE
DISTRICT SIX ENGINEER OF LOCAL ROADS & STREETS

PASSED January 31 20 11
Ron Archambeau
DISTRICT SIX ENGINEER OF CONSTRUCTION

Releasing For Bid Based on Limited Review JANUARY 31 20 11
Roger L Driskell PE
DEPUTY DIRECTOR OF HIGHWAYS, REGION FOUR ENGINEER

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN | SURVEYED | PLOTTED | NOTE BOOK | NO. | BY | DATE

PROFILE | SURVEYED | PLOTTED | NOTE BOOK | NO. | BY | DATE

GENERAL NOTES

1. THE LOCATION OF UNDERGROUND UTILITIES SHOWN ON THE PLANS REPRESENTS THE BEST KNOWLEDGE OF THE COUNTY AND THE INDICATED ADJUSTMENTS OR RECONSTRUCTION ARE CONSIDERED TO BE REASONABLY ACCURATE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY LOCATIONS OF UNDERGROUND INSTALLATIONS BEFORE STARTING CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL INDEMNIFY THE COUNTY, ITS OFFICERS, AND EMPLOYEES AGAINST ALL CLAIMS DUE TO DAMAGE TO CORPORATE OR PRIVATE PROPERTY RESULTING FROM HIS CONSTRUCTION OPERATIONS AS DESCRIBED IN ARTICLE 107.20 AND 107.26 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

2. THE CONTRACTOR SHALL NOTIFY THE AGENCIES AND UTILITIES AT LEAST 10 (TEN) DAYS PRIOR TO ANY CONSTRUCTION IN THE AREA AND SHALL COMPLY WITH ALL RESTRICTIONS FOR EQUIPMENT MOVEMENTS AND CLEARANCES AS REGARDS TO THEIR FACILITIES.

3. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR MUST CALL J.U.L.I.E. AT 1-800-892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRICAL, TELEPHONE, GAS FACILITIES, AND ALL PUBLIC UTILITIES. A 48 HOUR NOTIFICATION IS REQUIRED.

4. WHENEVER IT IS NECESSARY TO REMOVE BITUMINOUS AGGREGATE MIXTURE, OIL AND CHIP SURFACE, EXISTING GRAVEL OR CRUSHED STONE BASE COURSE, IT SHALL BE REMOVED AT THE CONTRACT UNIT PRICE PER CUBIC YARD FOR EARTH EXCAVATION. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR ADDITIONAL LABOR OR EQUIPMENT REQUIRED.

5. WHEN DURING CONSTRUCTION OPERATIONS ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DITCHES, GUTTER OR DRAINAGE STRUCTURES SO THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, IT SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF THE CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES SHALL BE FREE FROM ALL DIRT AND DEBRIS. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE HOT-MIX ASPHALT PAVING.

6. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS IMPROVEMENT.

7. THE NOMINAL THICKNESS FOR THE SURFACE COURSE IS SHOWN ON THE TYPICAL SECTION OR SPECIAL DETAILS. THE CONSTRUCTED THICKNESS OF THE ABOVE ITEMS SHALL NOT BE LESS THAN 90 PER CENT OF THE NOMINAL THICKNESS AT ANY LOCATION.

8. WHERE SECTION OR SUBSECTION STONES OR MARKERS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH STONES ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR, OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.

9. ALL PROPOSED PAVEMENT WIDTHS ARE MEASURED EDGE TO EDGE OF PAVEMENT UNLESS OTHERWISE SHOWN ON THE PLANS. INTERSECTION RETURN RADII ARE MEASURED TO THE EDGE OF PAVEMENT.

10. ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS SHALL BE INTERPRETED TO BE THE LATEST STANDARDS OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION AS SHOWN ON THE TABULATION OF REQUIRED STANDARDS SHOWN IN THE PLANS.

11. THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

MIXTURE USE(S)	HMA SURF CSE	INCIDENTAL HMA SURF	HMA BINDER CSE	LEVELING BINDER	HMA SHOULDERS
AC/PG	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 58-22
DESIGN AIR VOIDS	4% @ N50	4% @ N50	4% @ N50	4% @ N50	2% @ N30
MIX COMPOSITION: (GRADATION MIXTURE)	IL-9.5 OR 12.5	IL-9.5 OR 12.5	IL-19.5	IL-9.5	BAM
FRICTION AGGREGATE	MIX "D"	MIX "C"	N/A	N/A	N/A

LEGEND

HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

SUMMARY OF QUANTITIES

	CODE NUMBER	PAY ITEM	UNIT	QUANTITY
	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	91
	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	278
•	20200100	EARTH EXCAVATION	CU YD	674
	20400800	FURNISHED EXCAVATION	CU YD	1632
•	X2501000	SEEDING, CLASS 2 (SPECIAL)	ACRE	2
•	25100635	HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	4537
	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	160
	28000305	TEMPORARY DITCH CHECKS	FOOT	300
	28000400	PERIMETER EROSION BARRIER	FOOT	1760
	28000500	INLET AND PIPE PROTECTION	EACH	4
•	35100100	AGGREGATE BASE COURSE, TYPE A	TON	200
•	40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	110
	40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	478
	40600300	AGGREGATE (PRIME COAT)	TON	8
	40600625	LEVELING BINDER (MACHINE METHOD), N50	TON	381
	40600895	CONSTRUCTING TEST STRIP	EACH	1
	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	147
	40600990	TEMPORARY RAMP	SQ YD	25
	40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	568
	40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	506
•	40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	83
	48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SQ YD	2894
	50105220	PIPE CULVERT REMOVAL	FOOT	36
•	542A0223	PIPE CULVERTS, CLASS A, TYPE 1 18"	FOOT	24
•	542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	136
	64200105	SHOULDER RUMBLE STRIPS	FOOT	4155
	67100100	MOBILIZATION	L SUM	1
•	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1
	70300100	SHORT-TERM PAVEMENT MARKING	FOOT	542
	70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	8309
	70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	134
	70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	34
	70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	181
	72000100	SIGN PANEL - TYPE 1	SQ FT	187
	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	457
(1)	78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	8309
(1)	78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	134
(1)	78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	34
(1) •	X0326899	SOLAR-POWERED FLASHING BEACON ASSEMBLY (COMPLETE)	EACH	4

• SEE SPECIAL PROVISIONS

CONSTRUCTION TYPE CODE: 0004

(1) SPECIALTY ITEM

THE FOLLOWING RATES OF APPLICATION HAVE BEEN ASSUMED IN CALCULATING PLAN QUANTITIES :

AGGREGATE (SURFACE, BASE, SUBBASE, OR BACKFILL) —— 2.05 TON/CUBIC YARD
BITUMINOUS MATERIALS (PRIME COAT) —— 0.075 GALLON/SQUARE YARD (ON PAVEMENT)
BITUMINOUS MATERIALS (PRIME COAT) —— 0.50 GALLON/SQUARE YARD (ON AGGREGATE)
AGGREGATE (PRIME COAT) —— 0.002 TON/SQUARE YARD
HMA SURFACE/BINDER (112 LBS) —— 0.056 TON/SQUARE YARD•INCH

FILE NAME = V:\Transportation\2812\2812000l.dgn

USER NAME = bborgman | PLOT SCALE = 4.9909 '/ IN. | PLOT DATE = 9/27/2010

DESIGNED - BMB | DRAWN - JMO | CHECKED - BMB | DATE - 9/27/2010

REVISED - | REVISED - | REVISED - | REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COUNTY HIGHWAY 20 (FAS 567)
GENERAL NOTES & SUMMARY OF QUANTITIES

SCALE: N/A | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA.

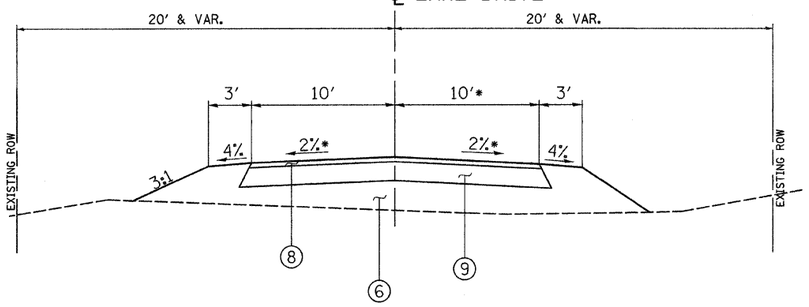
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	09-00022-06-SP	MASON	35	2

CONTRACT NO. 93543

ILLINOIS FED. AID PROJECT

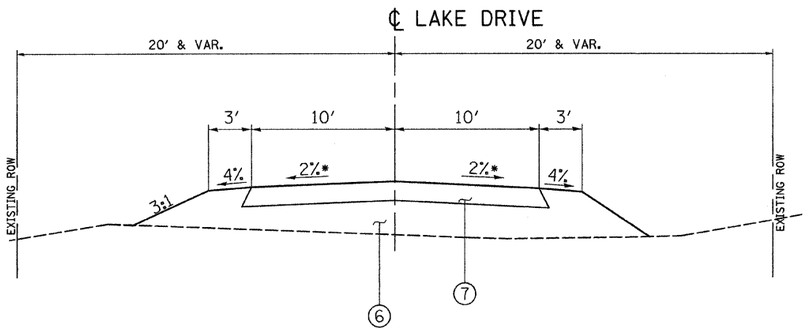
PLAN | SURVEYED | PLOTTED | CROSS SECTIONS CHECKED | R.O.W. MONUMENT CHECKED | RT. OF WAY CHECKED | CADD FILE NAME | NOTE BOOK | NO. | BY | DATE

PROFILE | SURVEYED | PLOTTED | CROSS SECTIONS CHECKED | DIM. NOTED STRUCTURE NOTATNS CHKD | NOTE BOOK | NO. | BY | DATE



TYPICAL SECTION

STA 200+11.68 TO STA 201+00.00
* SEE INTERSECTION DETAIL

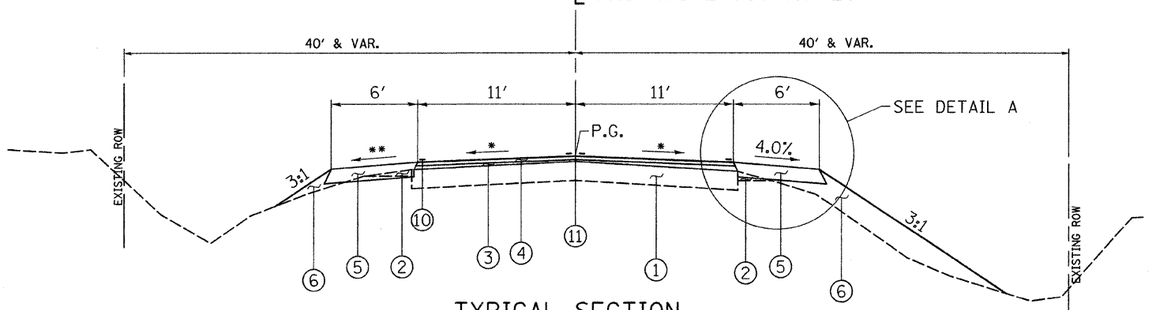


TYPICAL SECTION

STA 201+00.00 TO STA 201+85.00
* SEE INTERSECTION DETAIL

LEGEND

1. EXISTING PAVEMENT
2. EXISTING AGGREGATE SHOULDERS
3. PROPOSED LEVELING BINDER, ¾" & VAR.*
4. PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", 1½"
5. PROPOSED HOT-MIX ASPHALT SHOULDERS, 6", WITH RUMBLE STRIPS
6. PROPOSED EARTH EMBANKMENT
7. PROPOSED AGGREGATE SURFACE COURSE, TYPE B, 8"
8. PROPOSED INCIDENTAL HOT-MIX ASPHALT SURFACING, 2"
9. PROPOSED AGGREGATE BASE COURSE, TYPE A, 8"
10. PROPOSED PAINT PAVEMENT MARKING - LINE 4" (WHITE EDGE LINE)
11. PROPOSED PAINT PAVEMENT MARKING - LINE 4"
12. PROPOSED HOT-MIX ASPHALT BINDER COURSE, VAR.

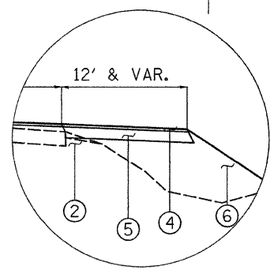


TYPICAL SECTION

STA 101+00.00 TO STA 102+31.62
STA 102+31.62 TO STA 104+65.92 (SE TRANSITION)
STA 119+10.35 TO STA 121+44.65 (SE TRANSITION)
STA 121+44.65 TO STA 122+65.00

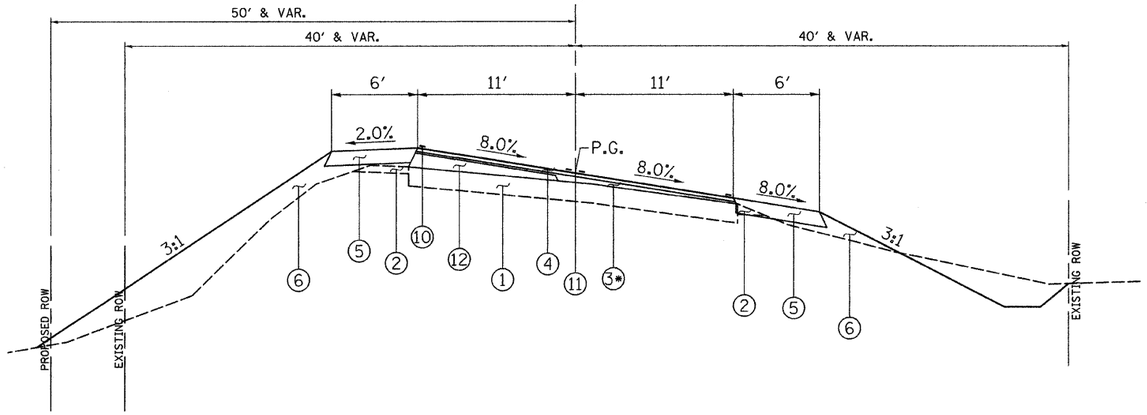
* 2.0% OR SE AS SHOWN ON PLANS

** TYPICAL SHOULDER SLOPE IS 4.0%, WITH MAXIMUM ROLLOVER FACTOR NOT TO EXCEED 10%



DETAIL A

STA 119+64.09 TO STA 122+35.00



TYPICAL SECTION

STA 104+65.92 TO STA 119+10.35 CURVE RT

* WHERE LEVELING BINDER THICKNESS EXCEEDS 3", HMA BINDER COURSE SHALL BE USED TO BUILD UP THE RESURFACING THICKNESS.

FILE NAME = V:\Transportation\2812\2812T001.dgn	USER NAME = bborgman	DESIGNED - BMB	REVISED -
		DRAWN - JMO	REVISED -
	PLOT SCALE = 4.9909 ' / IN.	CHECKED - BMB	REVISED -
	PLOT DATE = 9/27/2010	DATE - 9/27/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COUNTY HIGHWAY 20 (FAS 567)
TYPICAL SECTIONS

SCALE: N/A | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	09-00022-06-SP	MASON	35	3
		CONTRACT NO. 93543		
		ILLINOIS FED. AID PROJECT		

PIPE CULVERT SCHEDULE

STATION	SIDE	PIPE CULVERTS, CLASS D, TYPE 1, 15"	PIPE CULVERTS, CLASS A, TYPE 1, 18"
		FOOT	
111+00.0	RT		12
111+00.0	LT		12
117+58.4	RT	60	
120+41.7	RT	44	
121+50.0	RT	32	
TOTALS		136	24

PERIMETER EROSION BARRIER

STATION TO STATION		SIDE	PERIMETER EROSION BARRER
			FOOT
107+00	114+30	RT	721
108+74	114+00	LT	591
117+00	121+16	LT	448
TOTAL			1760

PAVEMENT SCHEDULE

STATION TO STATION		AGGREGATE BASE COURSE, TYPE A	AGGREGATE SURFACE COURSE, TYPE B	BITUMINOUS MATERIALS (PRIME COAT)	AGGREGATE (PRIME COAT)	LEVELING BINDER (MACHINE METHOD), N50	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	INCIDENTAL HOT-MIX ASPHALT SURFACING
		TON		GALLON	TON				
101+00.0	103+00.0			18.2	0.7	30.0		44.3	
103+00.0	120+00.0			154.6	6.2	285.2	567.8	376.1	
120+00.0	122+65.0			24.1	1.0	65.6		58.6	
ENTRANCES		53.3	27.3	78.0					17.5
SCHOOL BUS PULL OUT				22.3				26.8	
LAKE DRIVE		146.0	82.0	160.2					35.9
1620E				19.7					29.4
TOTALS		199.3	109.3	477.1	7.9	380.8	567.8	505.8	82.8
USE		200	110	478	8	381	568	506	83

HOT-MIX ASPHALT SHOULDERS

STATION TO STATION		SIDE	WIDTH	HOT-MIX ASPHALT SHOULDERS, 6"	SHOULDER RUMBLE STRIP
				SY	FOOT
101+00	101+45	RT	4'-6'	25.0	45
101+00	101+45	LT	4'-6'	25.0	45
101+45	119+64	RT	6'	1212.7	1819
119+64	120+24	RT	6'-12'	60.0	60
120+24	121+99	RT	12'	233.3	175
121+99	122+20	RT	12'-6'	21.0	21
122+20	122+65	RT	6'-4'	25.0	45
101+45	107+78	LT	6'	422.0	633
108+58	120+92	LT	6'	822.7	1234
121+87	122+20	LT	6'	22.0	33
122+20	122+65	LT	6'-4'	25.0	45
TOTAL				2893.7	4155
USE				2894	4155

HEAVY DUTY (EXCELSIOR) BLANKET

STATION TO STATION		SIDE	HEAVY DUTY (EXCELSIOR) BLANKET
			SQ YD
101+00	104+00	RT	385
104+50	106+50	RT	180
110+00	113+50	RT	612
110+00	120+00	LT	2038
115+00	117+50	RT	230
117+98	120+20	RT	394
120+62	121+33	RT	94
121+65	122+65	RT	123
LAKE DRIVE		LT&RT	481
TOTAL			4537

TEMPORARY DITCH CHECKS

STATION	SIDE	TEMPORARY DITCH CHECKS
		FOOT
101+00.0	LT	11
101+00.0	RT	18
101+65.6	LT	12
101+91.2	RT	19
102+22.5	LT	12
102+82.5	RT	19
103+39.7	LT	13
103+88.4	RT	20
104+70.0	RT	16
105+03.9	LT	11
105+71.6	RT	17
106+53.8	LT	11
114+00.0	LT	10
114+85.7	LT	11
115+96.0	RT	14
117+00.0	LT	11
118+03.2	RT	16
118+32.5	RT	16
118+98.6	RT	16
122+65.0	LT	14
122+65.0	RT	13
TOTAL		300

INLET AND PIPE PROTECTION

STATION	SIDE	INLET AND PIPE PROTECTION
		EACH
111+00.0	RT	1
117+45.7	RT	1
120+19.8	RT	1
121+33.4	RT	1
TOTAL		4

EARTHWORK SCHEDULE

STATION TO STATION		EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE	EMBANKMENT	EARTHWORK WASTE (SHORTAGE)
CH 20					
101+00	122+65	627	470	1712	(1242)
ENTRANCES		37	28	4	24
LAKE DRIVE					
200+11	201+81	11	8	422	(414)
TOTALS		674	506	2138	(1632)

(@ 25% SHRINKAGE)

PAVEMENT MARKING

STATION TO STATION		SIDE	TYPE	PAINT PAVEMENT MARKING - LINE 4"		PAINT PAVEMENT MARKING - LINE 12"	PAINT PAVEMENT MARKING - LINE 24"
				WHITE	YELLOW	WHITE	WHITE
				FOOT			
101+00	122+65	RT	SOLID EDGE LINE	2165.0			
101+00	122+65	LT	SOLID EDGE LINE	1945.0			
101+00	102+75	CL	NB NPZ		175.0		
101+00	102+75	CL	SB SKIP-DASH		43.8		
102+75	122+65	CL	DOUBLE NPZ		3980.0		
119+64	122+35	RT	BUS STOP DIAGONALS			133.2	
LAKE DRIVE		-	STOP BAR				11.6
1620E		-	STOP BAR				21.7
TOTALS				4110.0	4198.8	133.2	33.3
USE				8309		134	34

SIGNING

STATION	SIDE	FACING	TYPE OF SIGN	SIGN CODE	SIZE	SIGN PANEL - TYPE 1	SOLAR-POWERED FLASHING BEACON ASSEMBLY (COMPLETE)	TELESCOPING STEEL SIGN SUPPORT
					INCH	SQ FT	EACH	FOOT
COUNTY HIGHWAY 20								
101+25	RT	NB	CURVE	W1-2R	36X36	9.0		22.3
			ADVISORY SPEED PLAQUE	W13-1	18X18	2.3		
104+00	LT	SB	CHEVRON	W1-8L	18X24	3.0		15.8
	LT	NB	CHEVRON	W1-8R	18X24	3.0		
104+80	RT	NB	INTERSECTION	W2-2L	30X30	6.3		18.2
105+60	LT	SB	CHEVRON	W1-8L	18X24	3.0		15.8
	LT	NB	CHEVRON	W1-8R	18X24	3.0		
107+20	LT	SB	CHEVRON	W1-8L	18X24	3.0		15.8
	LT	NB	CHEVRON	W1-8R	18X24	3.0		
108+80	LT	SB	CHEVRON	W1-8L	18X24	3.0		15.8
	LT	NB	CHEVRON	W1-8R	18X24	3.0		
110+40	LT	SB	CHEVRON	W1-8L	18X24	3.0		15.8
	LT	NB	CHEVRON	W1-8R	18X24	3.0		
110+75	RT	NB	HIDDEN ENTRANCE	W16-I101	30X30	6.3		18.2
111+20	LT	SB	INTERSECTION	W2-2R	30X30	6.3		18.2
112+00	LT	SB	CHEVRON	W1-8L	18X24	3.0		15.8
	LT	NB	CHEVRON	W1-8R	18X24	3.0		
113+60	LT	SB	CHEVRON	W1-8L	18X24	3.0		15.8
	LT	NB	CHEVRON	W1-8R	18X24	3.0		
115+20	LT	SB	CHEVRON	W1-8L	18X24	3.0		15.8
	LT	NB	CHEVRON	W1-8R	18X24	3.0		
116+00	RT	NB	SCHOOL BUS STOP AHEAD	S3-1	36X36	9.0	1	20.3
	LT	NB	SCHOOL BUS STOP AHEAD	S3-1	36X36	9.0	1	20.3
116+80	LT	SB	CHEVRON	W1-8L	18X24	3.0		15.8
	LT	NB	CHEVRON	W1-8R	18X24	3.0		
117+60	LT	SB	HIDDEN ENTRANCE	W16-I101	30X30	6.3		18.2
118+25	RT	NB	INTERSECTION	W2-2L	30X30	6.3		18.2
118+40	LT	SB	CHEVRON	W1-8L	18X24	3.0		15.8
	LT	NB	CHEVRON	W1-8R	18X24	3.0		
120+00	LT	SB	CHEVRON	W1-8L	18X24	3.0		15.8
	LT	NB	CHEVRON	W1-8R	18X24	3.0		
122+50	LT	SB	CURVE	W1-2L	36X36	9.0		19.0
			ADVISORY SPEED PLAQUE	W13-1	18X18	2.3		
124+65	LT	SB	INTERSECTION	W2-2R	30X30	6.3		18.2
127+35	LT	SB	SCHOOL BUS STOP AHEAD	S3-1	36X36	9.0	1	20.3
	RT	SB	SCHOOL BUS STOP AHEAD	S3-1	36X36	9.0	1	20.3
1620E	LT	SB	STOP	R1-1	36X36	9.0		16.8
LAKE DRIVE								
200+25	LT	SB	STOP	R1-1	36X36	9.0		16.8
201+25	LT	SB	STOP AHEAD	W3-1	30X30	6.3		17.4
TOTALS						186.7	4	456.2
USE						187	4	457

TREE REMOVAL SCHEDULE

STATION	SIDE	OFFSET	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	TREE REMOVAL (OVER 15 UNITS DIAMETER)
		FOOT	UNIT	
108+63	LT	69		19
111+60	RT	52	13	
111+63	RT	52	14	
111+68	RT	45	12	
111+76	RT	45	12	
111+88	RT	41	15	
111+92	RT	44		19
111+85	LT	45		24
111+85	LT	45		24
111+99	LT	48	12	
112+37	LT	43		28
112+16	RT	42		36
112+45	RT	37		17
112+46	RT	39		20
113+67	RT	45		31
115+32	RT	45		21
115+70	RT	47		21
115+99	RT	45		18
116+16	RT	46	13	
TOTALS			91	278

HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

STATION TO STATION		HOT-MIX ASPHALT SURFACE REMOVAL (BUTT JOINT)
		SY
101+00	101+45	73.3
122+20	122+65	73.3
TOTAL		146.6
USE		147

SEEDING, CLASS 2 (SPECIAL)

STATION TO STATION		SIDE	SEEDING, CLASS 2 (SPECIAL)
			ACRE
101+00	122+65	LT	0.9
101+00	122+65	RT	0.7
TOTAL			1.6
USE			2

PIPE CULVERT REMOVAL

STATION	SIDE	PIPE SIZE	PIPE CULVERT REMOVAL
			FOOT
121+50	RT	12"	36
TOTAL			36

TEMPORARY RAMP

STATION	TEMPORARY RAMP
	SY
101+00	12.2
122+65	12.2
TOTAL	24.4
USE	25

PLAN — SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME / NOTE BOOK / NO. / BY / DATE

PROFILE — SURVEYED / PLOTTED / DRAWING CHECKED / BM(S) NOTED / STRUCTURE NO'S/MI'S CHKD / NOTE BOOK / NO. / BY / DATE

FILE NAME = V:\Transportation\2812\28120001.dgn

USER NAME = bborgman | PLOT SCALE = 4.9909 ' / IN. | PLOT DATE = 9/27/2010

DESIGNED - BMB | DRAWN - JMO | CHECKED - BMB | DATE - 12/9/2009

REVISED - | REVISED - | REVISED - | REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COUNTY HIGHWAY 20 (FAS 567)
SCHEDULES OF QUANTITIES

SCALE: N/A | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	09-00022-06-SP	MASON	35	4

CONTRACT NO. 93543

ILLINOIS FED. AID PROJECT

SEC 36, T22N, R9W, 3RD PM

MARK C JURY ETUX

HAVANA DOCK ENTERPRISES, LLC

TOMMY BOHANNAN ETAL

LIMITS OF CONSTRUCTION

PROPOSED BUTT JOINT & PROPOSED HMA SHOULDER WIDTH TRANSITION, 4' TO 6'

PROPOSED HOT-MIX ASPHALT SHOULDER, 6'

SECTION 09-00022-06-SP BEGINS STATION 101+00.00

STA 101+00.00

STA 101+54.00

STA 104+03.44

100+00

105+00

EXISTING HMA SURFACE

SEC 36, T22N, R9W, 3RD PM
SEC 31, T22N, R8W, 3RD PM

TOMMY BOHANNAN ETAL

LIMITS OF CONSTRUCTION

N

N&BC IN PP

62.6'

44.58°

56.00'

N&BC IN GR POST

COR GR POST

C.H. 20

POT STA 100+00.00
N - 1329112.35 E - 2327406.59
MAG NAIL IN PVMT

N

N&BC IN 10" TREE

N&BC IN PP

N&BC IN 10" TREE

C.H. 20

PC STA 104+03.44
N - 1329515.78 E - 2327406.29
MAG NAIL IN PVMT

SEC 31, T22N, R8W, 3RD PM

STA 108+00.00 (CH 20 ℄)=
STA 200+00.00 (LAKE DR ℄)

PROP. CURVE CH20-1
PI STA. = 114+05.74
Δ = 90° 30' 05" (RT)
D = 5° 46' 00"
R = 993.57'
T = 1002.30'
L = 1,569.39'
E = 417.74'
e = 8.0%
T.R. = 46.86'
P.C. STA 104+03.44
P.T. STA 119+72.83
SE ATTAINED STA 102+31.62 TO STA 104+65.92
SE REMOVED STA 119+10.35 TO STA 121+44.65

KENNETH D MILLS ETAL

PC STA 200+07.20

PE +84.4

PE +93.1

BM #1
LAKE DRIVE

75°

STA 111+00.0
PROPOSED PIPE CULVERT CLASS A, TYPE 1, 18" X 12'
DSFL 468.57 STA 111+00.0, 45.6' LT

STA 111+00.0
PROPOSED PIPE CULVERT, CLASS A, TYPE 1, 18" X 12'
USFL 469.39 STA 111+00.0, 36.9' RT

PT STA 201+09.39

SEC 36, T22N, R9W, 3RD PM
SEC 31, T22N, R8W, 3RD PM

LAKE DR LIMITS OF IMPROVEMENT STA 201+85.0

108+75.0
67.18' LT

108+75.0
40.00' LT

110+00.0
40.00' LT

110+50.0
50.00' LT

110+00.0
40.00' RT

111+00.0
55.00' RT

112+00.0
55.00' RT

113+00.0
40.00' RT

PROP. CURVE LAKEDR-1
PI STA. = 200+62.31
Δ = 53° 13' 38" (RT)
D = 52° 05' 13"
R = 110.00'
T = 55.12'
L = 102.19'
E = 13.04'
e = NC
P.C. STA = 200+07.20
P.T. STA = 201+09.39

MARK C JURY ETUX

PROPOSED ROW LINE

110+00

MATCHLINE STA 113+00

PROPOSED TEMPORARY CONSTRUCTION EASEMENT

MARK C JURY ETUX

50' 0 50'
SCALE: 1" = 50'-0"

PROPOSED PROFILE GRADE LINE

VPI STA. 200+42.00
ELEVATION 473.49

70.00' V.C.
K=21.5

-2.00%

-5.00%

474.10

+31.50 EL. 473.10

+52.50 EL. 472.96

21.00' V.C.
K=7

+11.00 EL. 470.04

+81.00 EL. +467.68

VPI STA. 201+46.00
ELEVATION 468.29

-5.00%

1.75%

EXISTING PROFILE GRADE LINE

200+00	200+50	201+00	201+50	202+00
472.81	469.53	468.84	468.12	467.31
	473.08	470.59	468.44	

LAKE DRIVE PROPOSED PROFILE

BM #1 SET RR SPIKE IN F.P. NEXT TO T.P. NORTHWEST OF MANITO ROAD & LAKE DRIVE
ELEV. = 470.51

PROPOSED PROFILE GRADE LINE

EXISTING PROFILE GRADE LINE

SP DT RT 11.50%

+00.0 DT RT 466.05

+50.0 DT RT 468.30

	100+00	100+50	101+00	101+50	102+00	102+50	103+00	103+50	104+00	104+50	105+00	105+50	106+00	106+50	107+00	107+50	108+00	108+50	109+00	109+50	110+00	110+50	111+00	111+50	112+00	112+50	113+00
	462.52 EX	463.34	464.33 464.33 PROP	465.24 465.44	465.96 466.16	466.58 466.78	467.32 467.50	468.05 468.25	468.81 468.94	469.19 469.49	469.36 469.92	470.00 470.45	470.63 471.11	471.16 471.62	471.62 472.07	472.12 472.53	472.81 473.22	473.47 473.88	474.06 474.53	474.71 475.08	475.45 475.82	476.20 476.70	476.86 477.36	477.45 477.96	477.99 478.52	478.43 478.92	478.87 EX 479.40 PROP

FILE NAME = V:\Transportation\2812\2812PPI.dgn	USER NAME = bborgman	DESIGNED - BMB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COUNTY HIGHWAY 20 (FAS 567) PLAN AND PROFILES STA 100+00.00 TO STA 113+00.00
		DRAWN - JMO	REVISED -		
	PLOT SCALE = 49.909 ' / IN.	CHECKED - BMB	REVISED -		SCALE: 1" = 50'-0" | SHEET NO. 1 OF 2 SHEETS | STA. 100+00 TO STA. 113+00
	PLOT DATE = 9/27/2010	DATE - 9/27/2010	REVISED -		

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	09-00022-06-SP	MASON	35	5
		CONTRACT NO. 93543		
		ILLINOIS FED. AID PROJECT		

PLAN — DATE / BY / SURVEYED / PLOTTED / ALIGNMENT CHECKED / PT. OF WAY CHECKED / CADD FILE NAME / NOTE BOOK / NO.

PROFILE — DATE / BY / SURVEYED / PLOTTED / ALIGNMENT CHECKED / REMARKS OR STRUCTURE NO.(IF ANY) / NOTE BOOK / NO.

SEC 30, T22N, R8W, 3RD PM

PROPOSED ROW LINE
LIMITS OF CONSTRUCTION
MARK C JURY ETUX
117+00.00 50.00' LT
119+56.24 50.00' LT
PT STA 119+72.83
EXISTING ROW LINE
1620E
PROPOSED BUTT JOINT & PROPOSED HMA SHOULDER WIDTH TRANSITION, 6' TO 4'
SEC 30, T22N, R8W. 3RD PM
SEC 31, T22N, R8W. 3RD PM
114+00.00 50.00' LT
EXISTING ROW LINE
PROPOSED ROW LINE
50'
40'
BM #3 STA 122+20.0
STA 122+65.0
SECTION 09-00022-06-SP ENDS STATION 122+65.00
115+00
120+00
119+64.09 11.00' RT
120+24.00 23.00' RT
PE +58.4
PE +41.7
PE +50.0
EXISTING HMA SURFACE
125+00
122+35.00 11.00' RT
121+99.00 23.00' RT
EXISTING ROW LINE
SEC 30, T22N, R8W. 3RD PM
SEC 31, T22N, R8W. 3RD PM
PROPOSED HOT-MIX ASPHALT BUS TURNOUT, 12'
PROPOSED HOT-MIX ASPHALT SHOULDER, 6'
PE +79.7
MATCHLINE STA 113+00
BM #2
LIMITS OF CONSTRUCTION

STA 117+58.4
PIPE CULVERT, CLASS D, TYPE 1, 15" X 60'
USFL 474.23 STA 117+45.7, 25.1' RT
DSFL 471.56 STA 117+97.8, 33.2' RT

STA 120+41.7
PIPE CULVERT, CLASS D, TYPE 1, 15" X 44'
USFL 466.78 STA 120+19.8, 35.0' RT
DSFL 466.25 STA 120+62.6, 35.0' RT

STA 121+50.0
PIPE CULVERT, CLASS D, TYPE 1, 15" X 32'
USFL 465.38 STA 121+33.4, 35.0' RT
DSFL 464.99 STA 121+65.1, 35.0' RT

PROP. CURVE CH20-1
PI STA. = 114+05.74
Δ = 90° 30' 05" (RT)
D = 5° 46' 00"
R = 993.57'
T = 1002.30'
L = 1,569.39'
E = 417.74'
e = 8.0%
T.R. = 46.86'
P.C. STA 104+03.44
P.T. STA 119+72.83
SE ATTAINED STA 102+31.62 TO STA 104+65.92
SE REMOVED STA 119+10.35 TO STA 121+44.65

MARK C JURY ETUX
KIMBRA L. JOLLYE
TOMMY BOHANNAN ETAL

SEC 31, T22N, R8W, 3RD PM

N
C.H. 20
27.02'
27.00'
10.11'
3 - MAG NAILS 1' FROM EOP
POT STA 126+00.00
N - 1330505.04 E - 2329034.97
MAG NAIL IN PVMT

N
TOP CNTR TPED
59.25'
C.H. 20
70.58'
91.14'
N& BC IN 26" ELM
NW CORNER CONC. MB BASE
PT STA 119+72.83
N - 1330510.06 E - 2328407.82
MAG NAIL IN PVMT

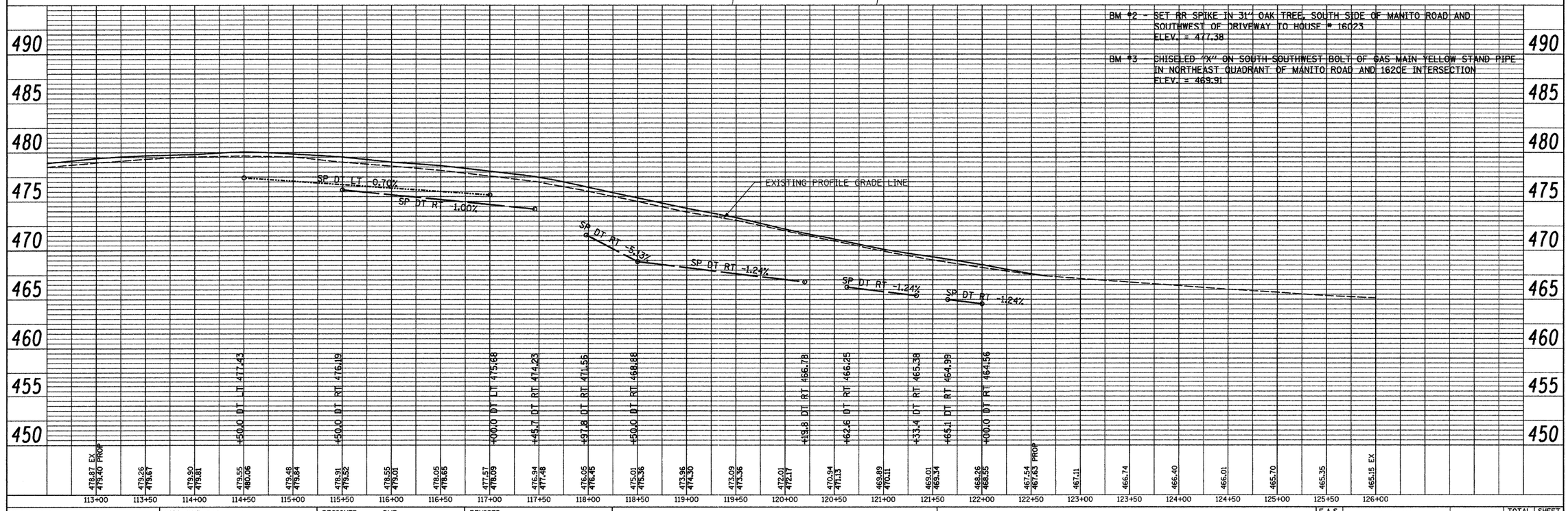
N
50' 0 50'
SCALE: 1" = 50'-0"

PLAN
SURVEYED
PLOTTED
DRAWN
CHECKED
NOTE BOOK
NO.
DATE
BY

BM #2 - SET RR SPIKE IN 31" OAK TREE, SOUTH SIDE OF MANITO ROAD AND SOUTHWEST OF DRIVEWAY TO HOUSE # 16023
ELEV. = 477.38

BM #3 - CHISELED "X" ON SOUTH SOUTHWEST BOLT OF GAS MAIN YELLOW STAND PIPE IN NORTHEAST QUADRANT OF MANITO ROAD AND 1620E INTERSECTION
ELEV. = 469.91

PROFILE
SURVEYED
PLOTTED
DRAWN
CHECKED
NOTE BOOK
NO.
DATE
BY
STRUCTURE NOTATING GRAD



FILE NAME = V:\Transportation\2812\2812PP2.dgn	USER NAME = bborgman	DESIGNED - BMB	REVISED -		
		DRAWN - JMO	REVISED -		
	PLOT SCALE = 49.989 ' / IN.	CHECKED - BMB	REVISED -		
	PLOT DATE = 9/27/2010	DATE - 9/27/2010	REVISED -		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COUNTY HIGHWAY 20 (FAS 567) PLAN AND PROFILES
STA 113+00.00 TO STA 126+00.00

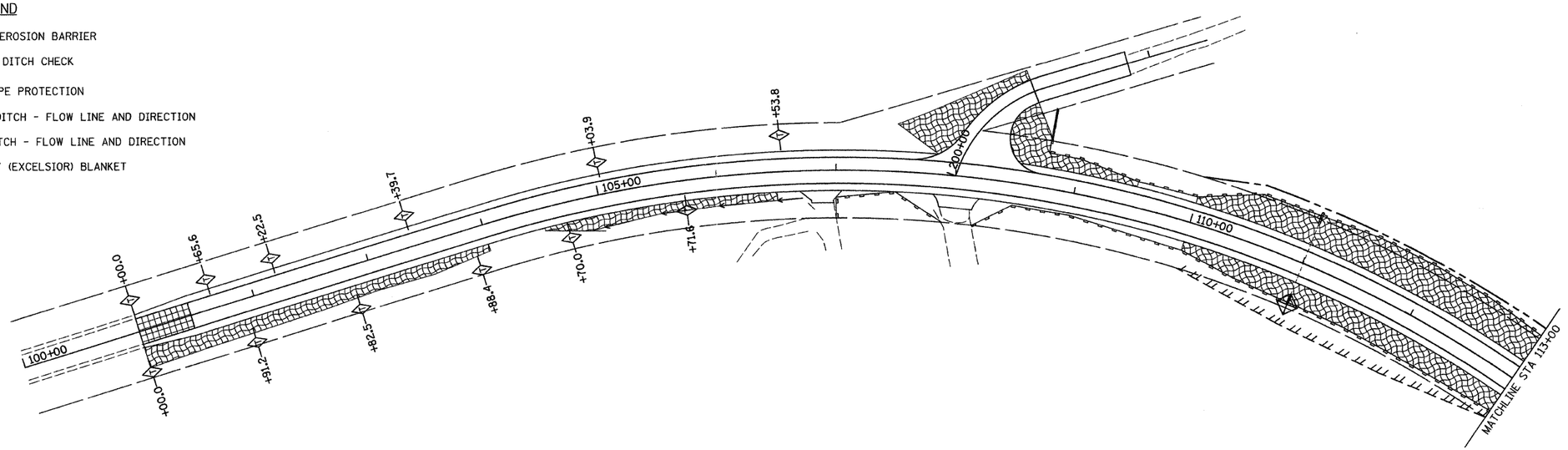
SCALE: 1" = 50'-0" | SHEET NO. 2 OF 2 SHEETS | STA. 113+00 TO STA. 126+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	09-00022-06-SP	MASON	35	6
		CONTRACT NO. 93543		
		ILLINOIS FED. AID PROJECT		

LEGEND

- PERIMETER EROSION BARRIER
- TEMPORARY DITCH CHECK
- INLET & PIPE PROTECTION
- STANDARD DITCH - FLOW LINE AND DIRECTION
- SPECIAL DITCH - FLOW LINE AND DIRECTION
- HEAVY DUTY (EXCELSIOR) BLANKET

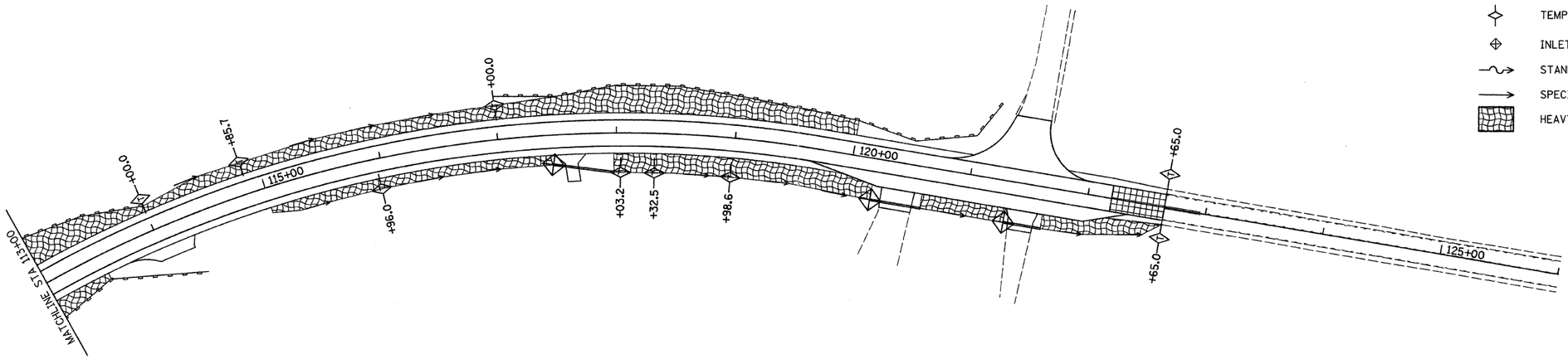
PLAN | SURVEYED | PLOTTED | DRAWN/CHECKED | RT. OF WAY CHECKED | CADD FILE NAME | NOTE BOOK | NO. | BY | DATE

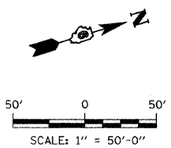


LEGEND

- PERIMETER EROSION BARRIER
- TEMPORARY DITCH CHECK
- INLET & PIPE PROTECTION
- STANDARD DITCH - FLOW LINE AND DIRECTION
- SPECIAL DITCH - FLOW LINE AND DIRECTION
- HEAVY DUTY (EXCELSIOR) BLANKET

PROFILE | SURVEYED | PLOTTED | DRAWN/CHECKED | RT. OF WAY CHECKED | STRUCTURE NO(S)/RTS CHKD | NOTE BOOK | NO. | BY | DATE





FILE NAME = V:\Transportation\2812\2812E001.dgn	USER NAME = bborgman	DESIGNED - BMB	REVISED -
		DRAWN - JMO	REVISED -
	PLOT SCALE = 49.989 ' / IN.	CHECKED - BMB	REVISED -
	PLOT DATE = 9/27/2010	DATE - 9/27/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

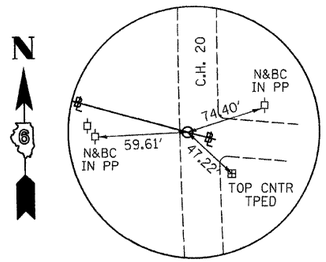
COUNTY HIGHWAY 20 (FAS 567) EROSION CONROL SITE PLAN
STA 100+00.00 TO STA 113+00.00

SCALE: 1" = 50'-0" | SHEET NO. 1 OF 1 SHEETS | STA. 100+00 TO STA. 126+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	09-00022-06-SP	MASON	35	7
		CONTRACT NO. 93543		
		ILLINOIS FED. AID PROJECT		

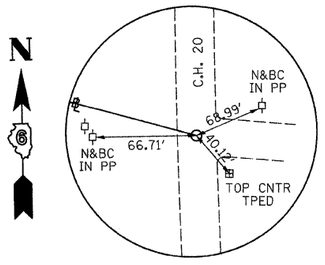
POINT	STATION	OFFSET	ELEVATION
A1	199+99.80	40.33' LT	473.57
A2	200+03.03	32.39' LT	473.67
A3	200+07.50	25.12' LT	473.74
A4	200+12.40	18.87' LT	473.74
A5	200+18.59	14.07' LT	473.68
A6	200+25.79	11.04' LT	473.59
A7	200+33.56	10.00' LT	473.45
B1	200+52.13	61.61' RT	475.01
B2	200+44.34	52.95' RT	474.87
B3	200+43.46	43.54' RT	474.67
B4	200+47.08	34.42' RT	473.48
B5	200+53.54	26.24' RT	472.95
B6	200+61.80	19.46' RT	472.40
B7	200+71.19	14.39' RT	471.87
B8	200+81.24	11.24' RT	471.31
B9	200+91.61	10.13' RT	470.89
B10	201+00.92	10.06' RT	470.34
B11	201+10.16	10.00' RT	469.90

POINT	STATION	OFFSET	ELEVATION
C1	200+11.41	℄	474.10
C2	200+20.00	℄	473.93
C3	200+30.00	℄	473.73
C4	200+40.00	℄	473.48
C5	200+50.00	℄	473.08
C6	200+60.00	℄	472.59
C7	200+70.00	℄	472.09
C8	200+80.00	℄	471.59
C9	200+90.00	℄	471.09
C10	201+00.00	℄	470.59
C11	201+09.39	℄	470.12
C12	201+15.00	℄	469.84
C13	201+25.00	℄	469.38
C14	201+35.00	℄	468.97
C15	201+45.00	℄	468.61
C16	201+55.00	℄	468.29
C17	201+65.00	℄	468.02
C18	201+75.00	℄	467.79
C19	201+81.00	℄	467.68 EX

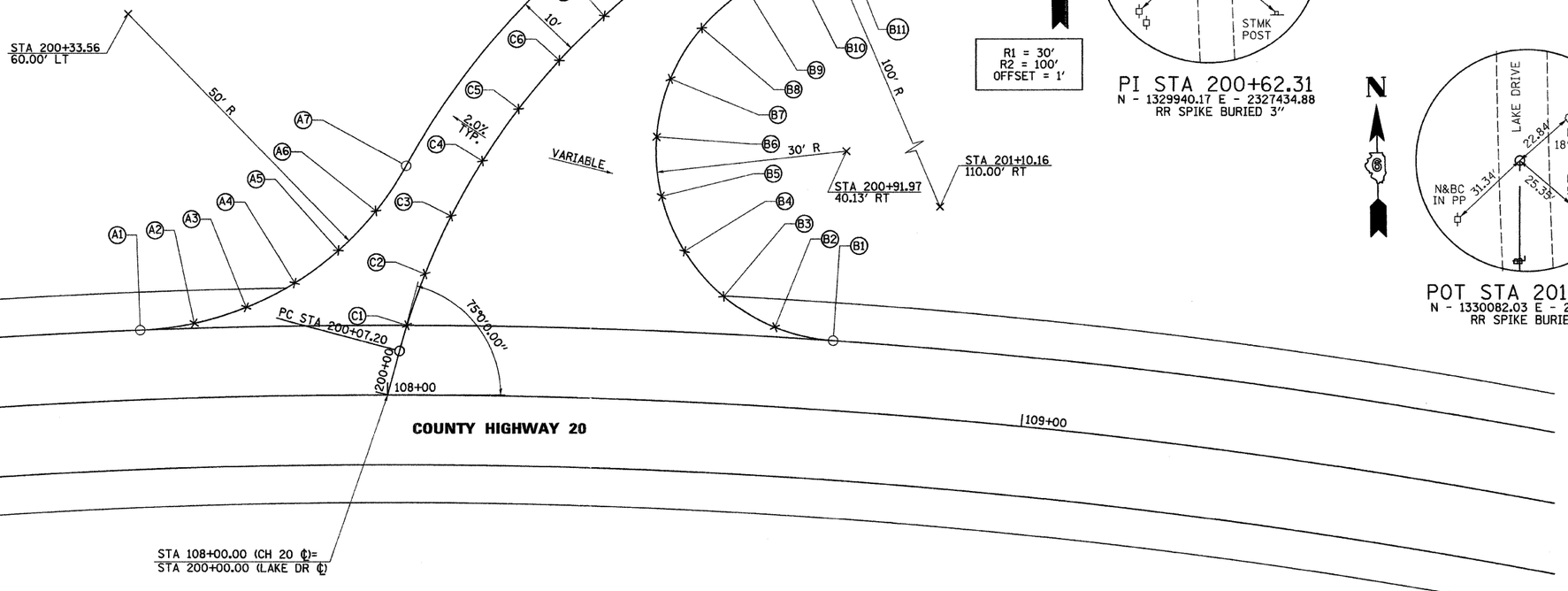


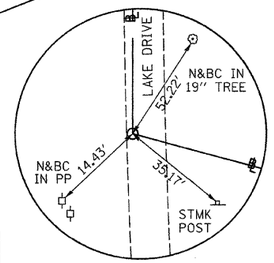
PC STA 200+07.20
N - 1329906.37 E - 2327478.41
MAG NAIL IN PVMT

PROP. CURVE LAKEDR-1
PI STA. = 200+62.31
Δ = 53° 13' 38" (RT)
D = 52° 05' 13"
R = 110.00'
T = 55.12'
L = 102.19'
E = 13.04'
e = NC
P.C. STA = 200+07.20
P.I. STA = 201+09.39



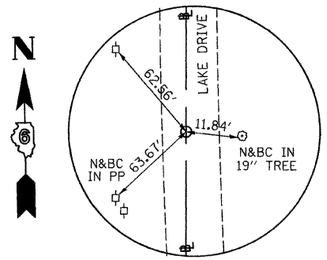
POT STA 200+00.00
N - 1329901.96 E - 2327484.10
MAG NAIL IN PVMT





PI STA 200+62.31
N - 1329940.17 E - 2327434.88
RR SPIKE BURIED 3"

R1 = 30'
R2 = 100'
OFFSET = 1'



PT STA 201+09.39
N - 1329995.28 E - 2327435.89
RR SPIKE BURIED 3"

POT STA 201+96.15
N - 1330082.03 E - 2327437.48
RR SPIKE BURIED 3"

PLAN
SURVEYED
PLOTTED
DRAWN
CHECKED
ALL R/W CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
DRAWN
CHECKED
ALL NOTES CHECKED
STRUCTURE NOTATNS CHKD
NOTE BOOK
NO.

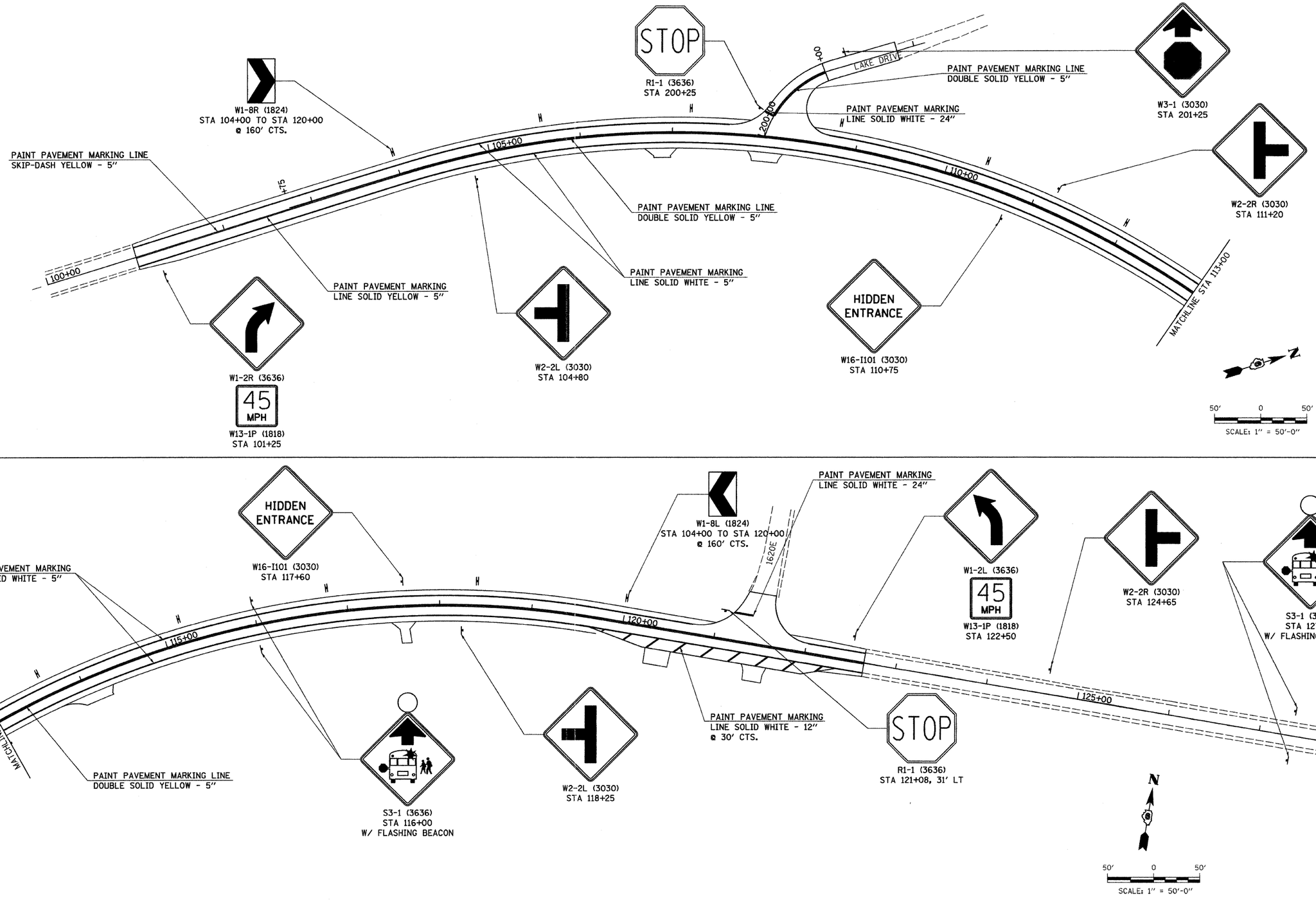
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		DRAWN - JMO	REVISED -
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	PLOT DATE = 9/27/2010	DATE - 9/27/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COUNTY HIGHWAY 20 (FAS 567)
INTERSECTION DETAIL

SCALE: 1" = 50'-0" | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	09-00022-06-SP	MASON	35	8
		CONTRACT NO. 93543		
		ILLINOIS FED. AID PROJECT		



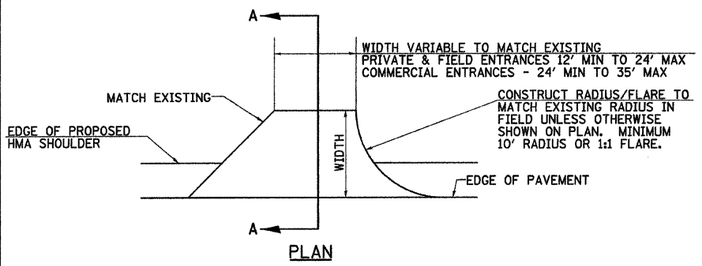
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	PLOT DATE = 9/27/2010	DATE - 9/27/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

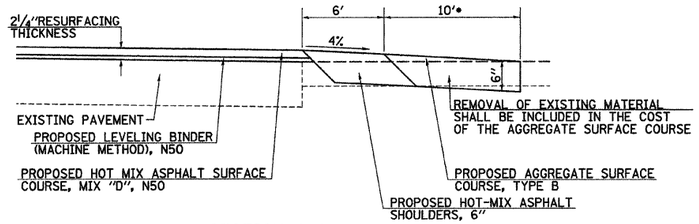
COUNTY HIGHWAY 20 (FAS 567) SIGNING AND STRIPING PLANS
STA 100+00.00 TO STA 128+00.00

SCALE: 1" = 50' | SHEET NO. 1 OF 1 SHEETS | STA. 100+00 TO STA. 128+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	09-00022-06-SP	MASON	35	9
		CONTRACT NO. 93543		
		ILLINOIS FED. AID PROJECT		



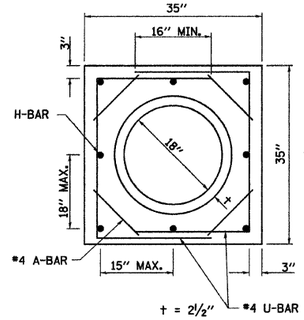
PLAN

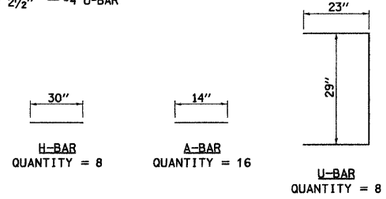


SECTION A-A

113+79.70 RT, 117+58.40 RT

•TO R.O.W. LINE FOR ENTRANCE AT 117+58.40 RT



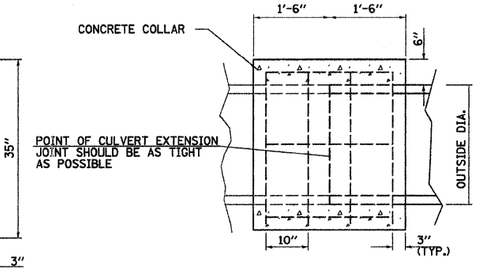


BILL OF MATERIAL

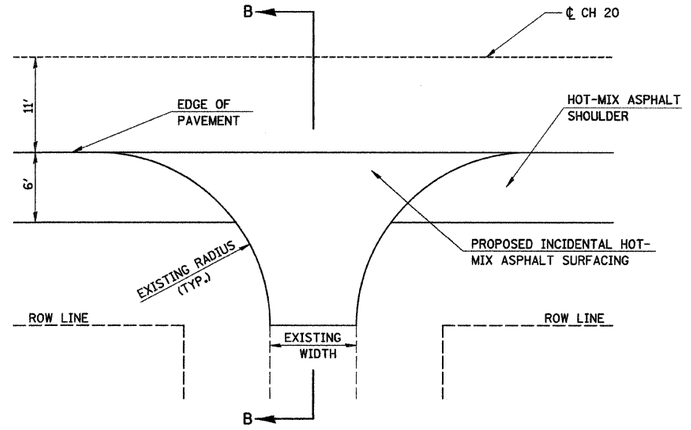
REINFORCEMENT BARS - 60 LB

CONCRETE COLLAR - 0.63 CY

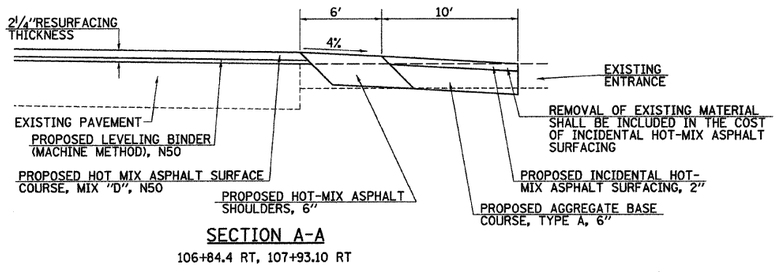
(INFORMATION ONLY)



CONCRETE COLLAR FOR PIPE CULVERT EXTENSION

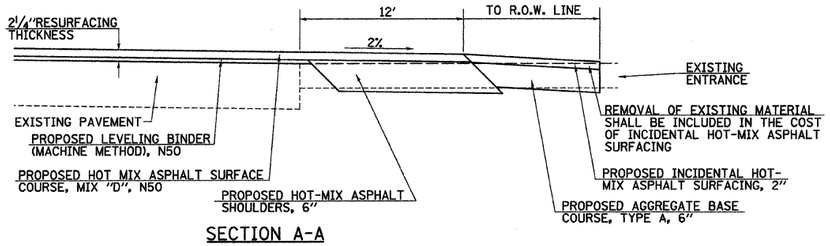


PLAN



SECTION A-A

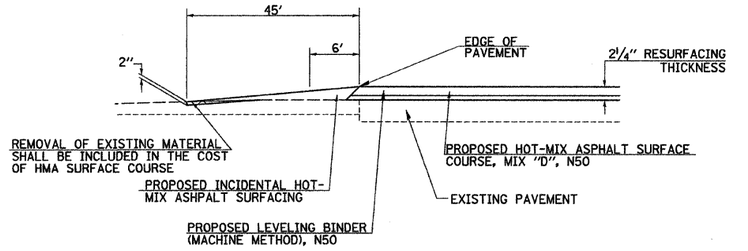
106+84.4 RT, 107+93.10 RT



SECTION A-A

120+41.70 RT, 121+50.00 RT

ENTRANCE TAPERS

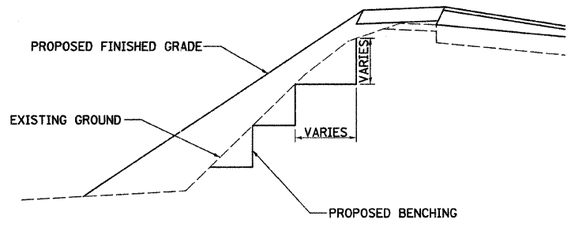


SECTION B-B

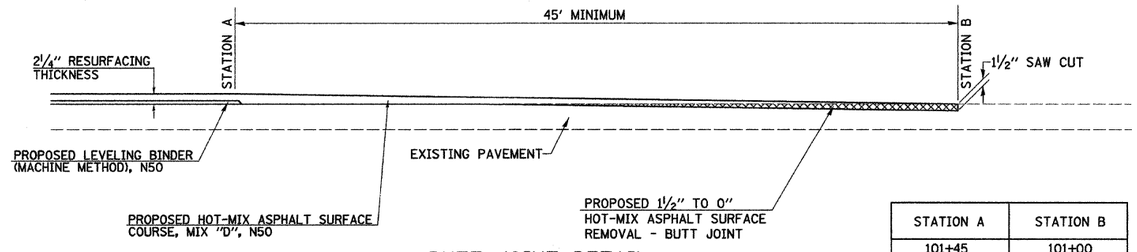
PROPOSED SIDEROAD TAPER

SIDEROAD DETAIL

1620E



DETAIL OF TYPICAL BENCHING ON EXISTING EMBANKMENT



STATION A	STATION B
101+45	101+00
122+20	122+65

BUTT JOINT DETAIL

PLAN: SURVEYED, PLOTTED, CROSS SECTIONS CHECKED, BM. NOTED, R.T. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE: SURVEYED, PLOTTED, CROSS SECTIONS CHECKED, BM. NOTED, STRUCTURE NO'S/ITMS CHKD, NOTE BOOK, NO., BY, DATE

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		DRAWN - JMO	REVISED -
	PLOT SCALE = 4.9909 ' / IN.	CHECKED - BMB	REVISED -
	PLOT DATE = 9/27/2010	DATE - 9/27/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COUNTY HIGHWAY 20 (FAS 567)
SPECIAL DETAILS

SCALE: N/A | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA.

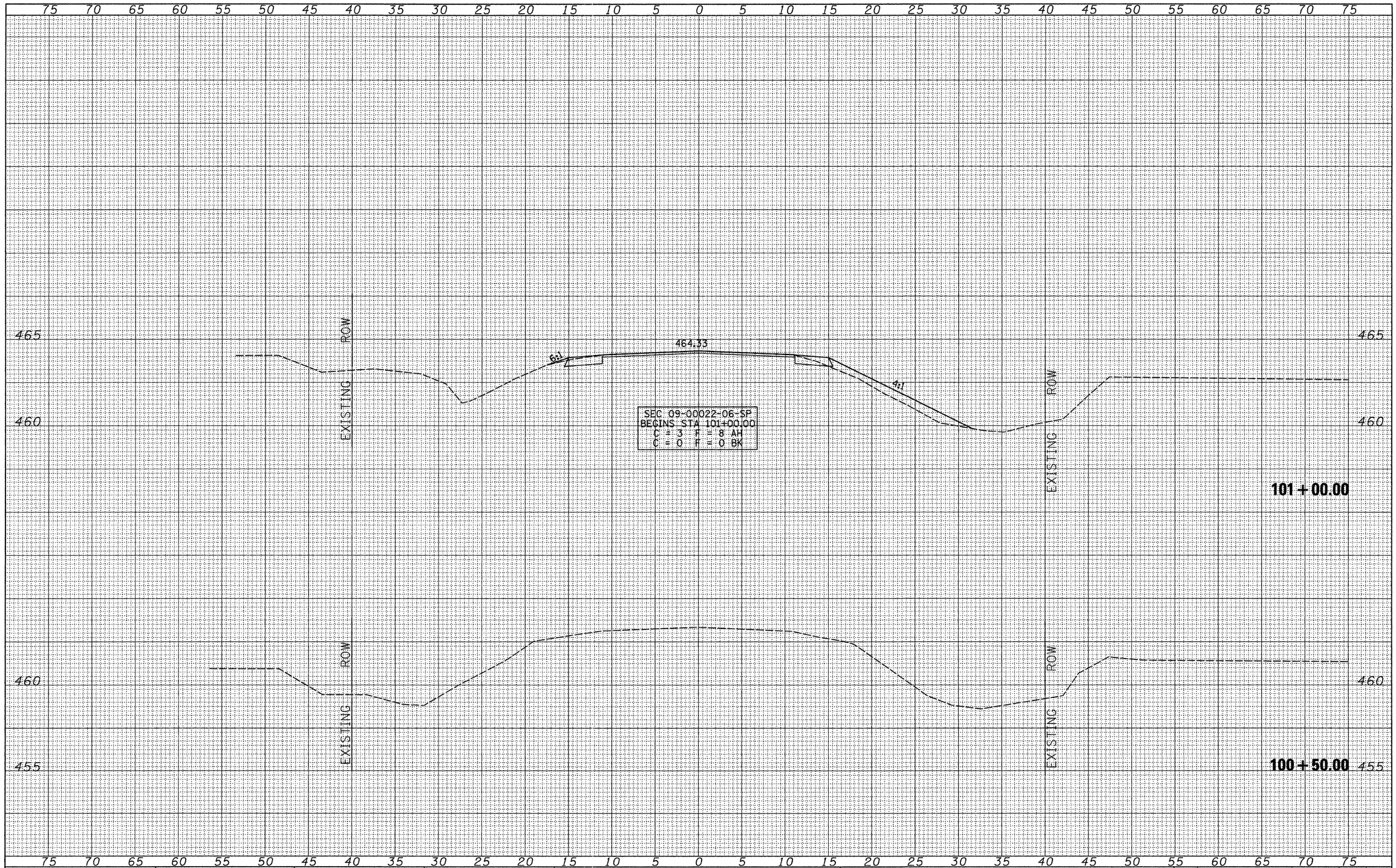
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	09-00022-06-SP	MASON	35	10

CONTRACT NO. 93543

ILLINOIS FED. AID PROJECT

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

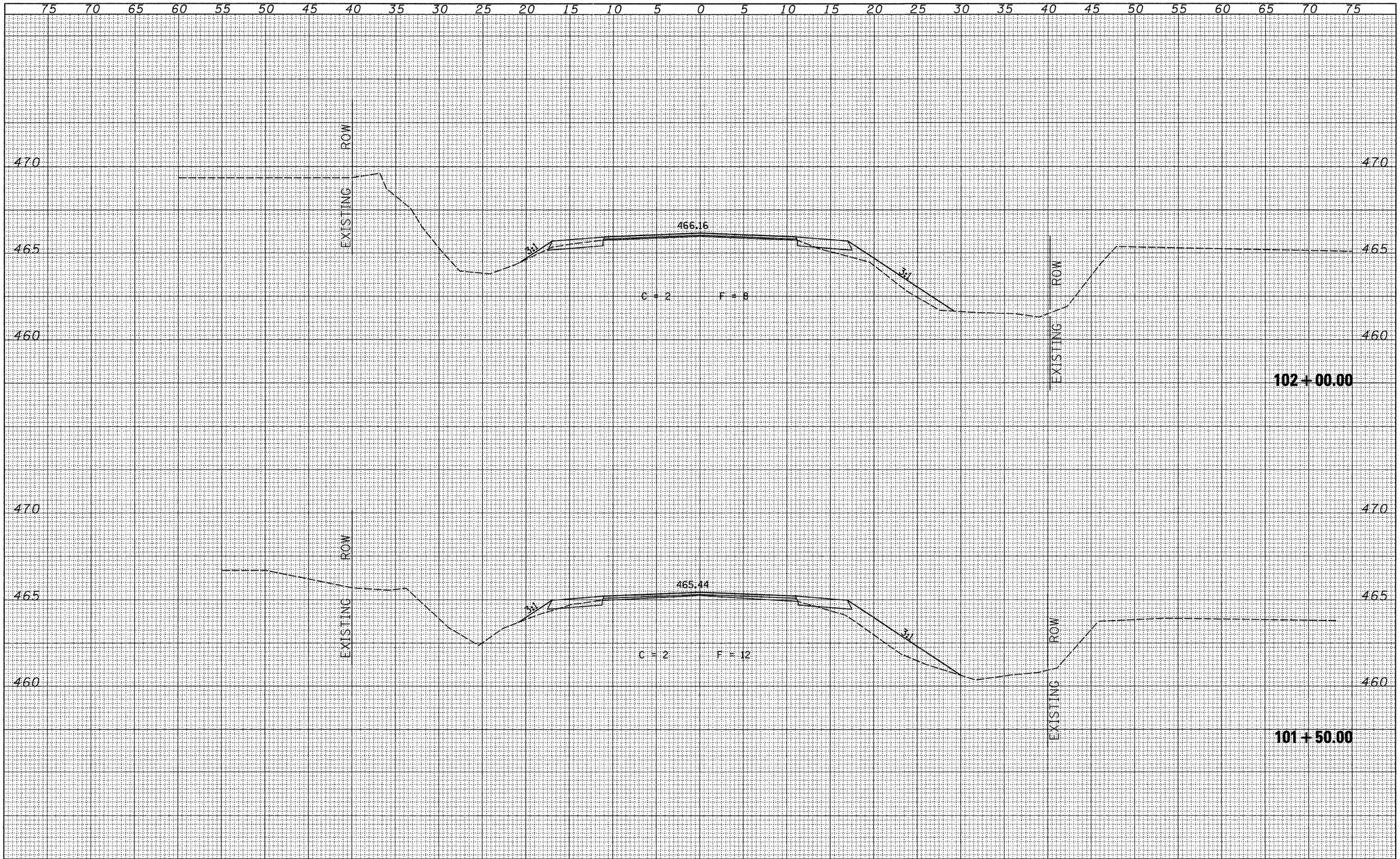
ORIGINAL SURVEY	BY	DATE
NOTE BOOK	SURVEYED	
NO.	PLOTTED	
	TYPED	
	CROSS SECTIONS	
	AREAS	
	AREAS CHECKED	



FILE NAME = V:\Transportation\2812\2812xsecsheets.dgn	USER NAME = bborgman	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COUNTY HIGHWAY 20 (FAS 567) CROSS SECTIONS
		DRAWN -	REVISED -		
	PLOT SCALE = 5.000 ' / IN.	CHECKED -	REVISED -		
	PLOT DATE = 9/27/2010	DATE -	REVISED -		SCALE: SHEET NO. 1 OF 25 SHEETS STA. 100+50.00 TO STA. 101+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	09-00022-06-SP	MASON	35	11
		CONTRACT NO. 93542		
	ILLINOIS FED. AID PROJECT			

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



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

FILE NAME = V:\Transportation\2812\2812xsecsheets.dgn	USER NAME = bborgman	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 5.000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 9/27/2010	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

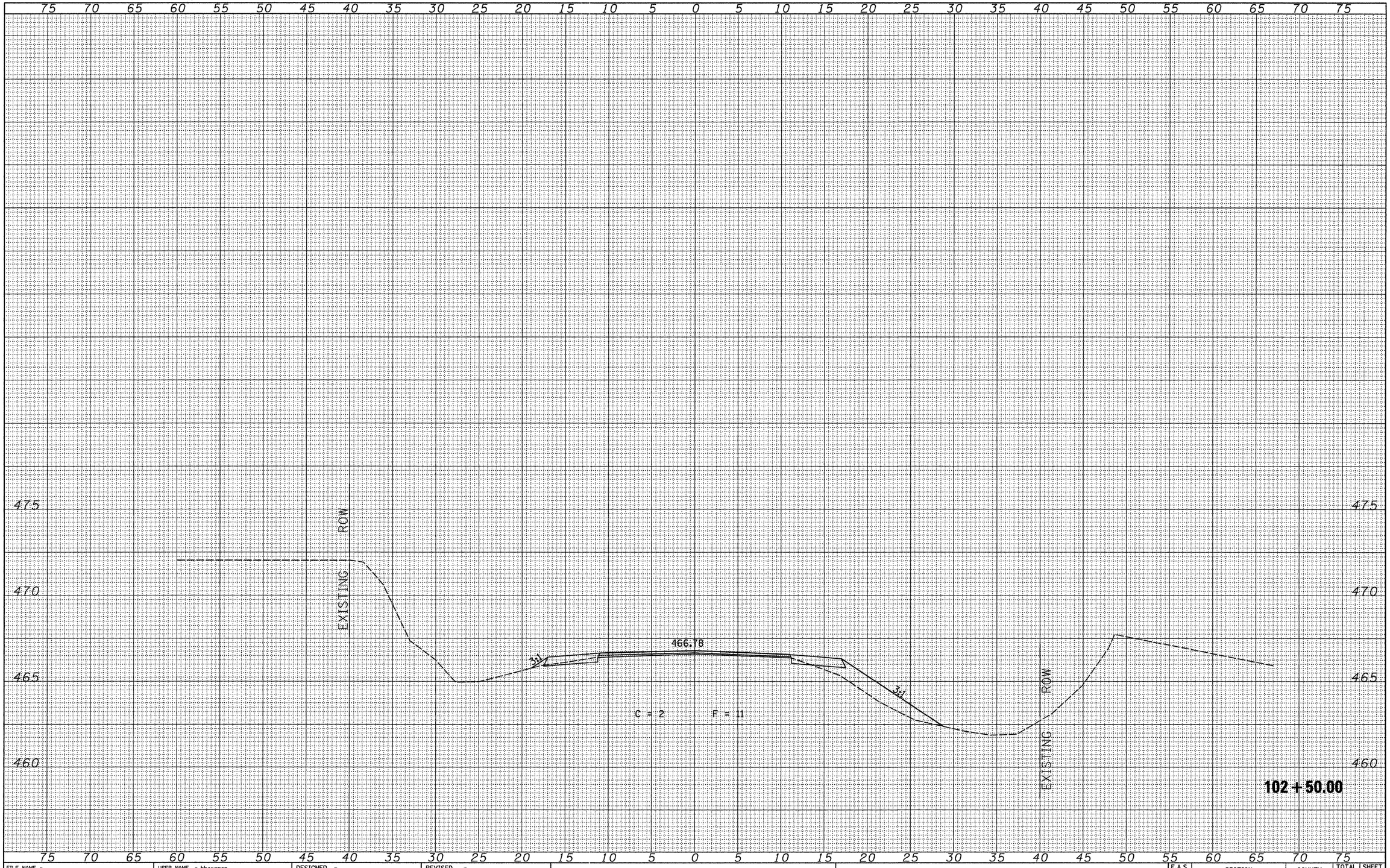
COUNTY HIGHWAY 20 (FAS 567)
CROSS SECTIONS

SCALE: | SHEET NO. 2 OF 25 SHEETS | STA. 101+50.00 | TO STA. 102+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	09-00022-06-SP	MASON	35	12
		CONTRACT NO. 93543		
	ILLINOIS FED. AID PROJECT			

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

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



FILE NAME = V:\Transportation\2812\2812xsecsheets.dgn	USER NAME = bborgman	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 5.000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 9/27/2010	DATE -	REVISED -

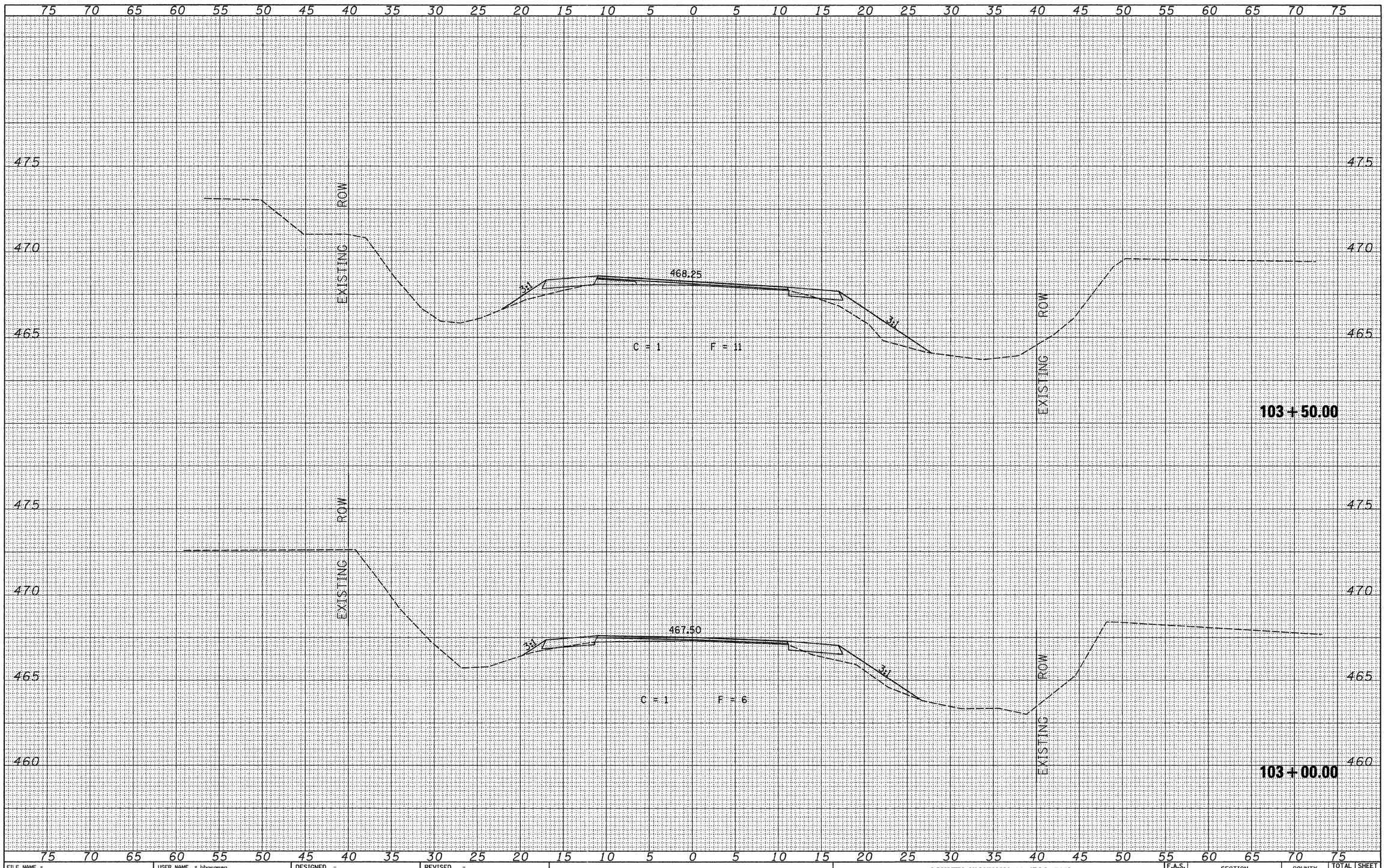
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COUNTY HIGHWAY 20 (FAS 567)
CROSS SECTIONS

SCALE: | SHEET NO. 3 OF 25 SHEETS | STA. 102+50.00 | TO STA. 102+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	09-00022-06-SP	MASON	35	13
		CONTRACT NO. 93543		
	ILLINOIS	FED. AID PROJECT		

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



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

FILE NAME = V:\Transportation\2812\2812xsecsheets.dgn	USER NAME = bborgman	DESIGNED -	REVISED -
		DRAWN -	REVISED -
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	PLOT DATE = 9/27/2010	DATE -	REVISED -

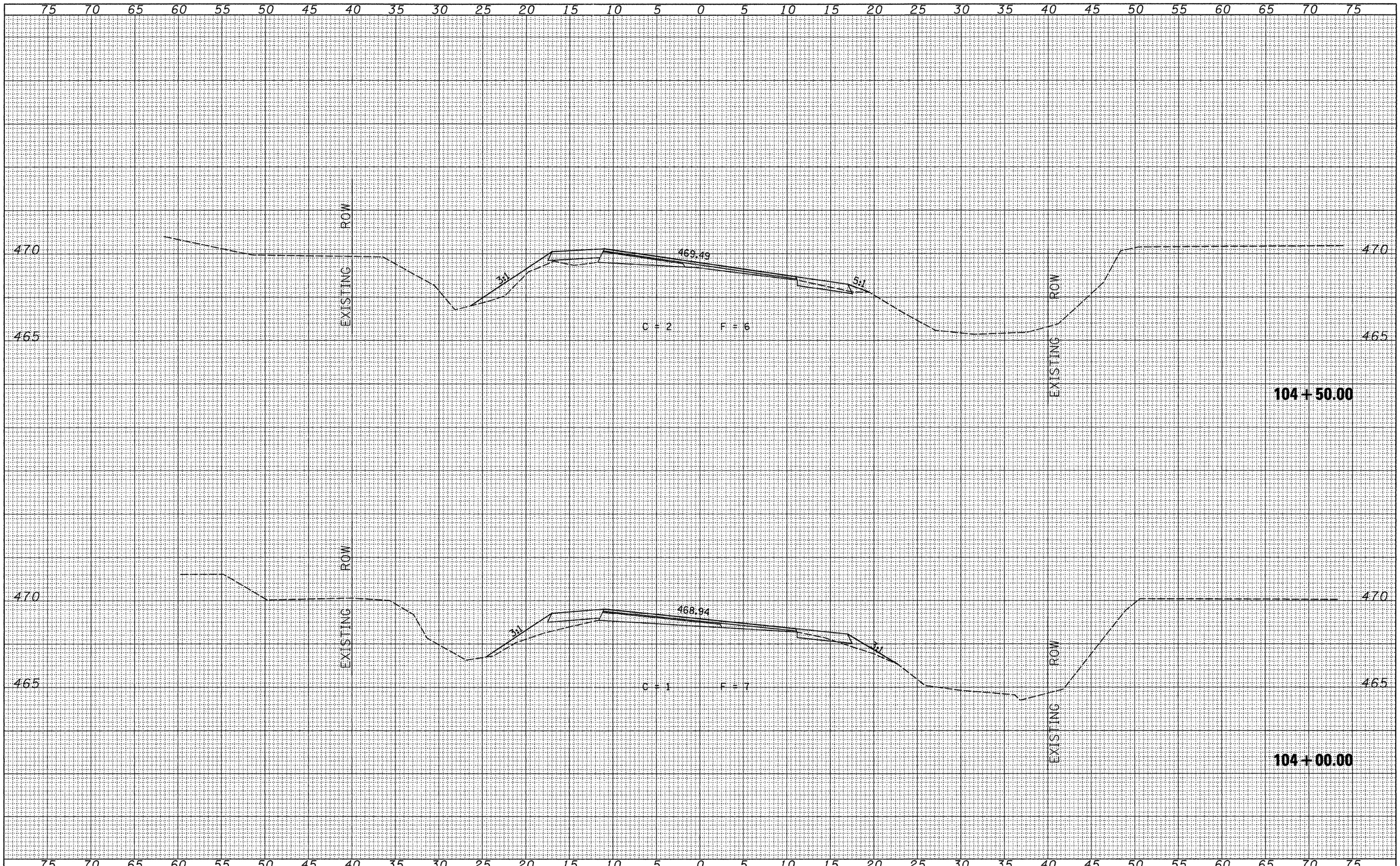
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COUNTY HIGHWAY 20 (FAS 567)
CROSS SECTIONS

SCALE: | SHEET NO. 4 OF 25 SHEETS | STA. 103+00.00 TO STA. 103+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	09-00022-06-SP	MASON	35	14
		CONTRACT NO. 93543		
		ILLINOIS FED. AID PROJECT		

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



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

FILE NAME = V:\Transportation\2812\2812xsecsheets.dgn	USER NAME = bborgman	DESIGNED -	REVISED -
		DRAWN -	REVISED -
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	PLOT DATE = 9/27/2010	DATE -	REVISED -

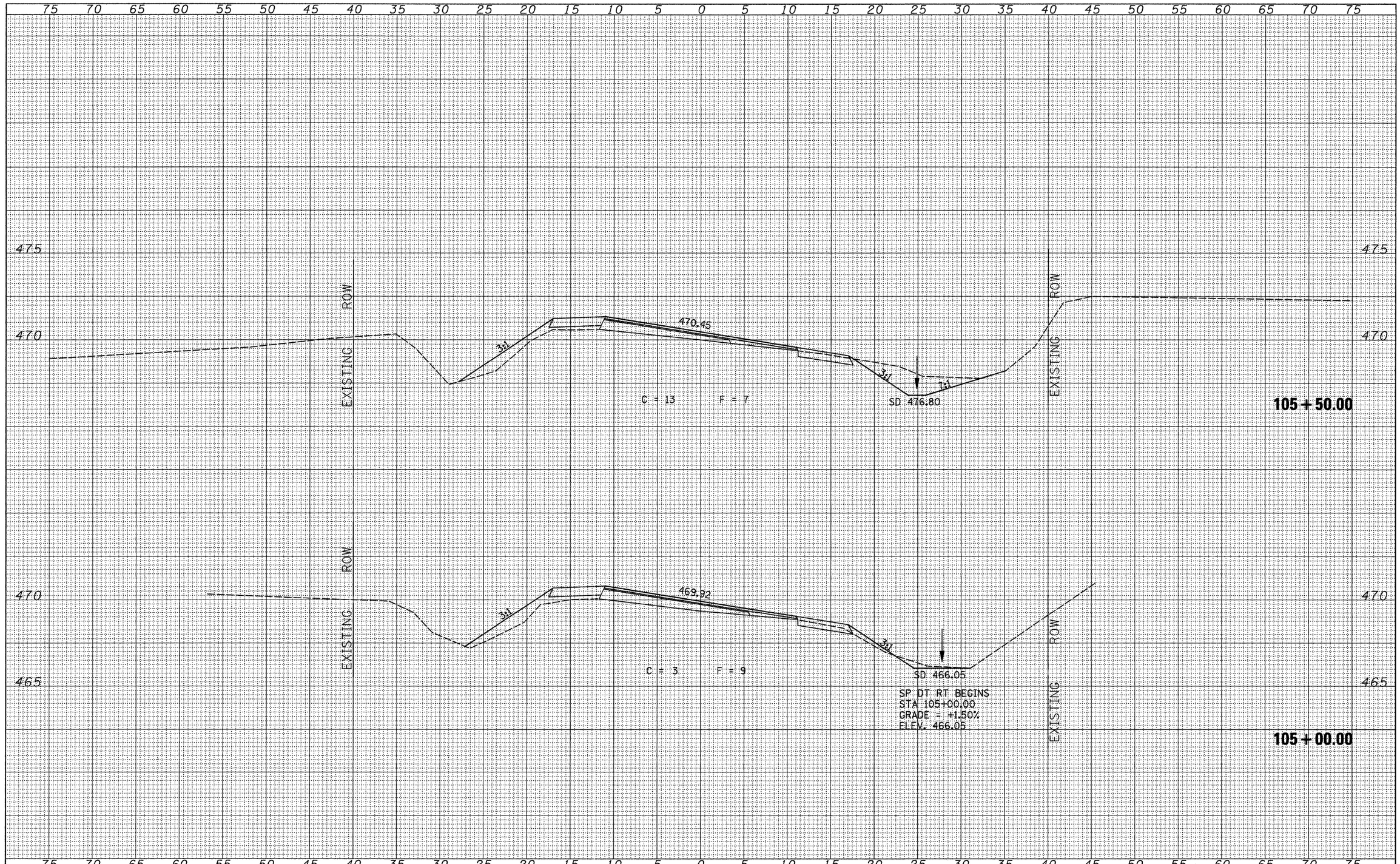
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COUNTY HIGHWAY 20 (FAS 567)
CROSS SECTIONS

SCALE: | SHEET NO. 5 OF 25 SHEETS | STA. 104+00.00 TO STA. 104+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	09-00022-06-SP	MASON	35	15
		CONTRACT NO. 93549		
	ILLINOIS FED. AID PROJECT			

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



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

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		DRAWN -	REVISED -
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	PLOT DATE = 9/27/2010	DATE -	REVISED -

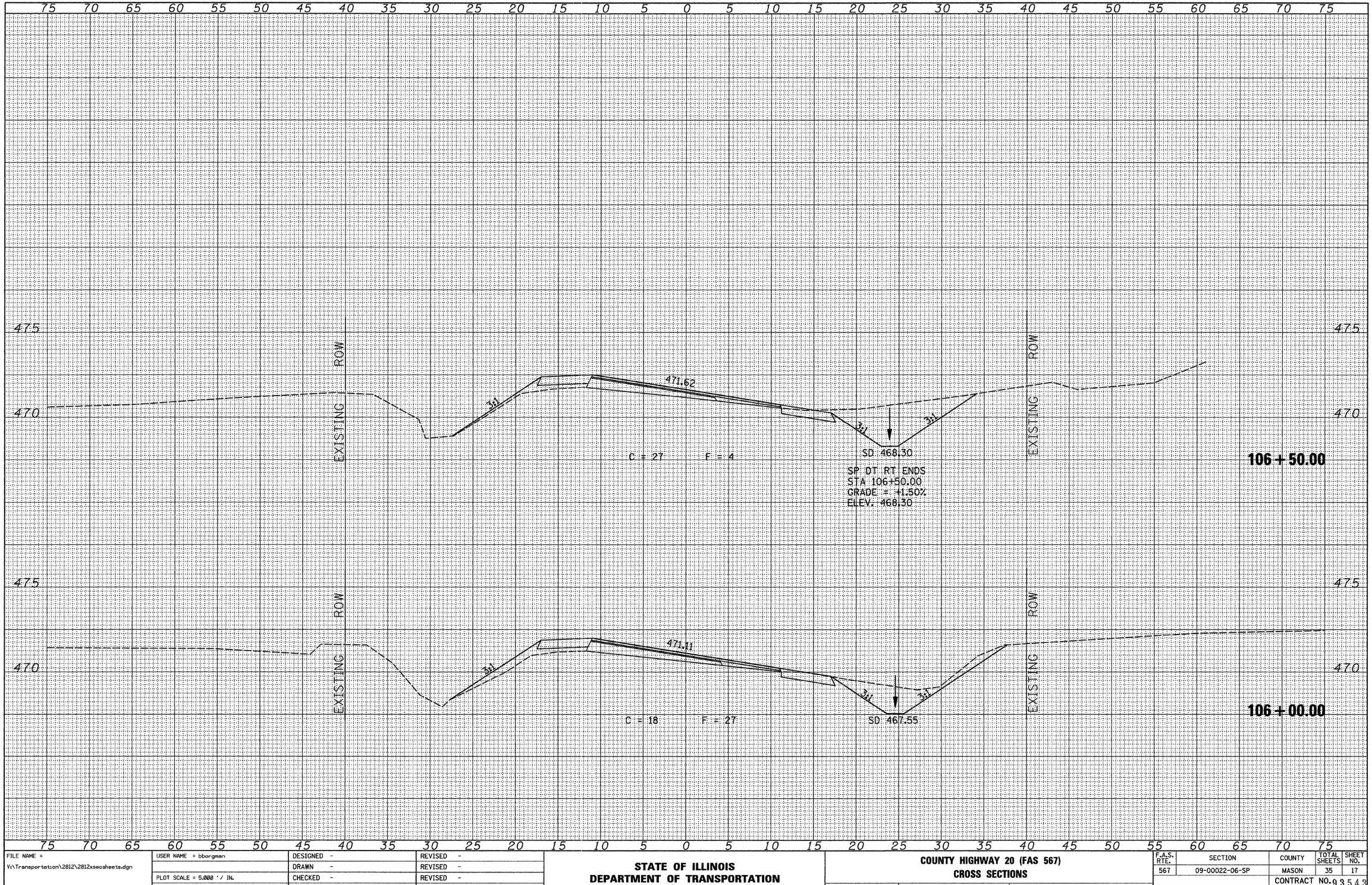
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COUNTY HIGHWAY 20 (FAS 567)
CROSS SECTIONS

SCALE: | SHEET NO. 6 OF 25 SHEETS | STA. 105+00.00 TO STA. 105+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	09-00022-06-SP	MASON	35	16
		CONTRACT NO. 93543		
	ILLINOIS FED. AID PROJECT			

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



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

FILE NAME = Y:\Transportation\2812\2812xsecsheets.dgn	USER NAME = bborgman	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 5.000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 9/27/2010	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

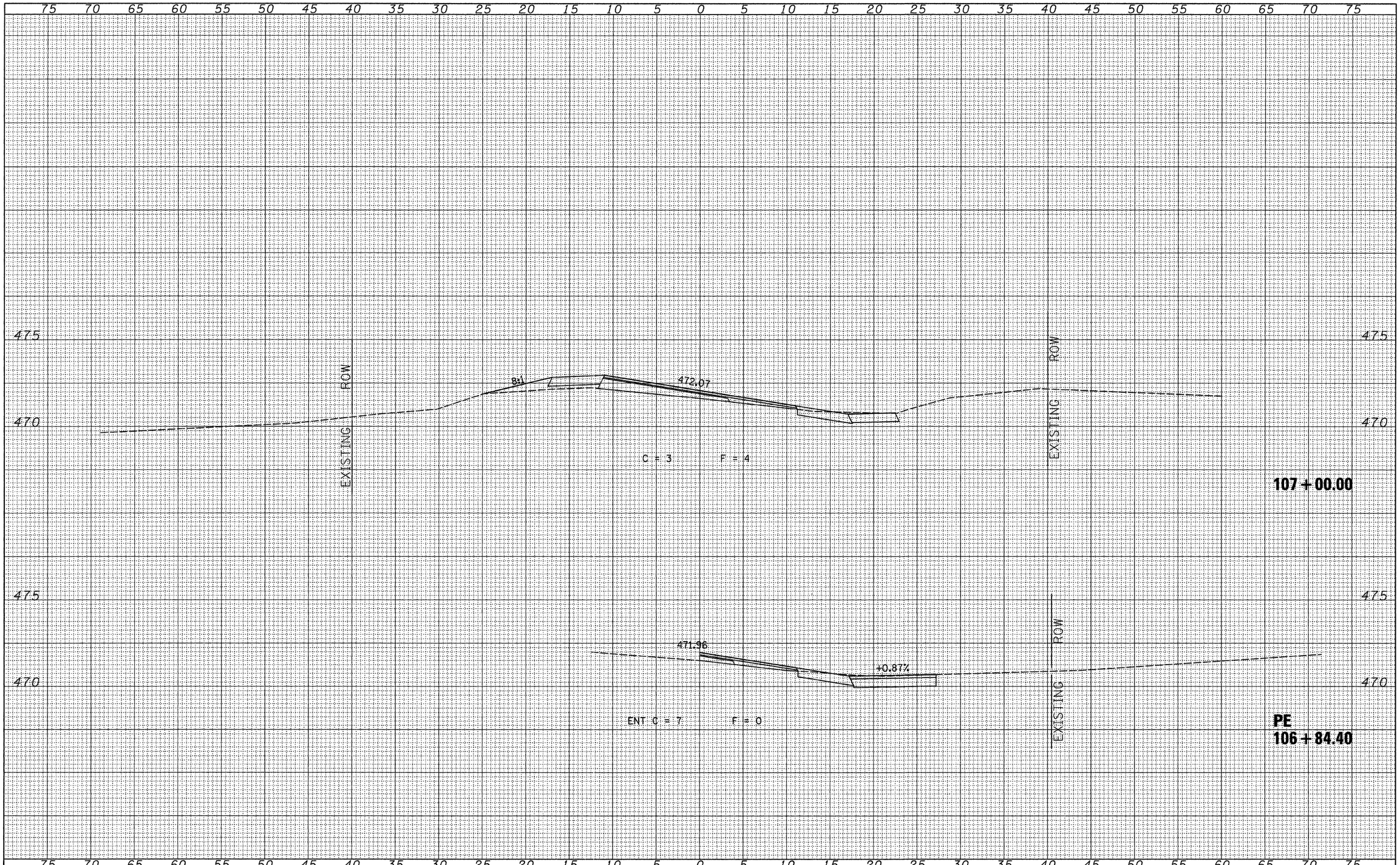
COUNTY HIGHWAY 20 (FAS 567)
CROSS SECTIONS

SCALE: | SHEET NO. 7 OF 25 SHEETS | STA. 106+00.00 TO STA. 106+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	09-00022-06-SP	MASON	35	17
		CONTRACT NO. 93543		
	ILLINOIS FED. AID PROJECT			

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

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



FILE NAME = V:\Transportation\2812\2812xsecsheets.dgn	USER NAME = bborgman	DESIGNED -	REVISED -
		DRAWN -	REVISED -
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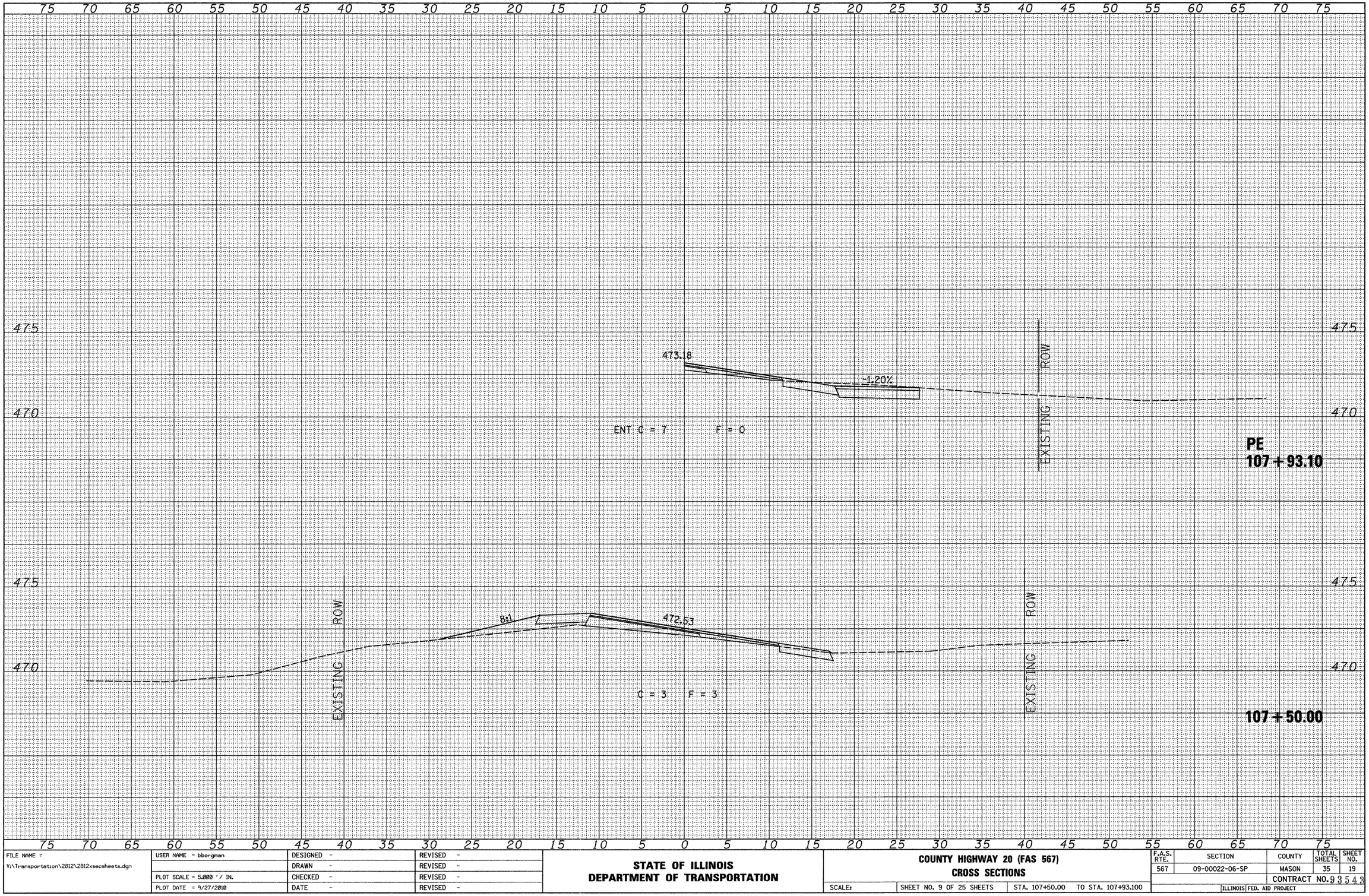
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COUNTY HIGHWAY 20 (FAS 567)
CROSS SECTIONS

SCALE: | SHEET NO. 8 OF 25 SHEETS | STA. 106+84.400 TO STA. 107+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	09-00022-06-SP	MASON	35	18
		CONTRACT NO. 93543		
	ILLINOIS FED. AID PROJECT			

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



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

FILE NAME = V:\Transportation\2812\2812xsecsheets.dgn	USER NAME = bborgman	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 5.000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 9/27/2010	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COUNTY HIGHWAY 20 (FAS 567)
CROSS SECTIONS

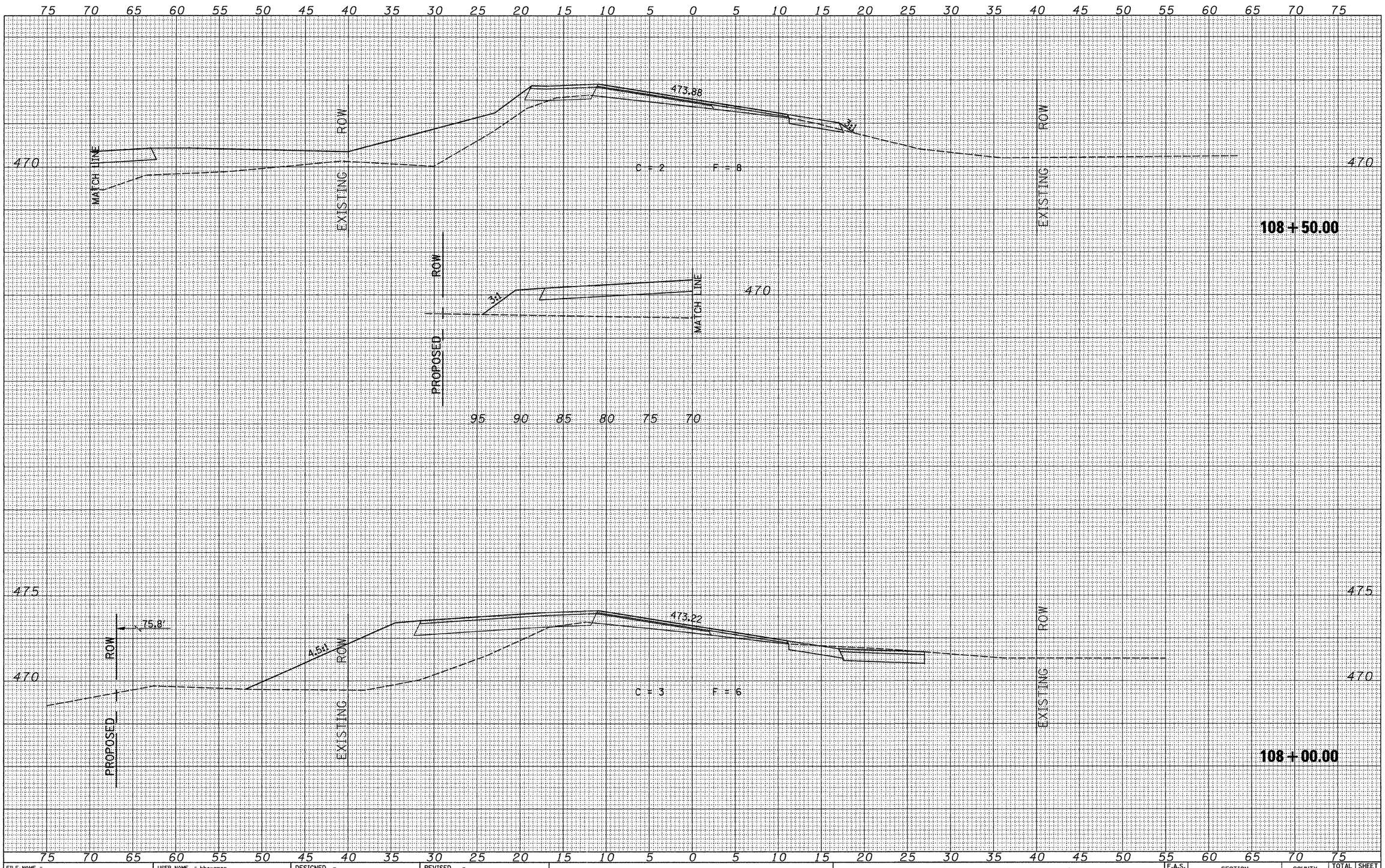
SCALE: | SHEET NO. 9 OF 25 SHEETS | STA. 107+50.00 TO STA. 107+93.100

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	09-00022-06-SP	MASON	35	19

CONTRACT NO. 93543

ILLINOIS FED. AID PROJECT

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



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

FILE NAME = V:\Transportation\2812\2812xsecsheets.dgn	USER NAME = bborgman	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 5.000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 9/27/2010	DATE -	REVISED -

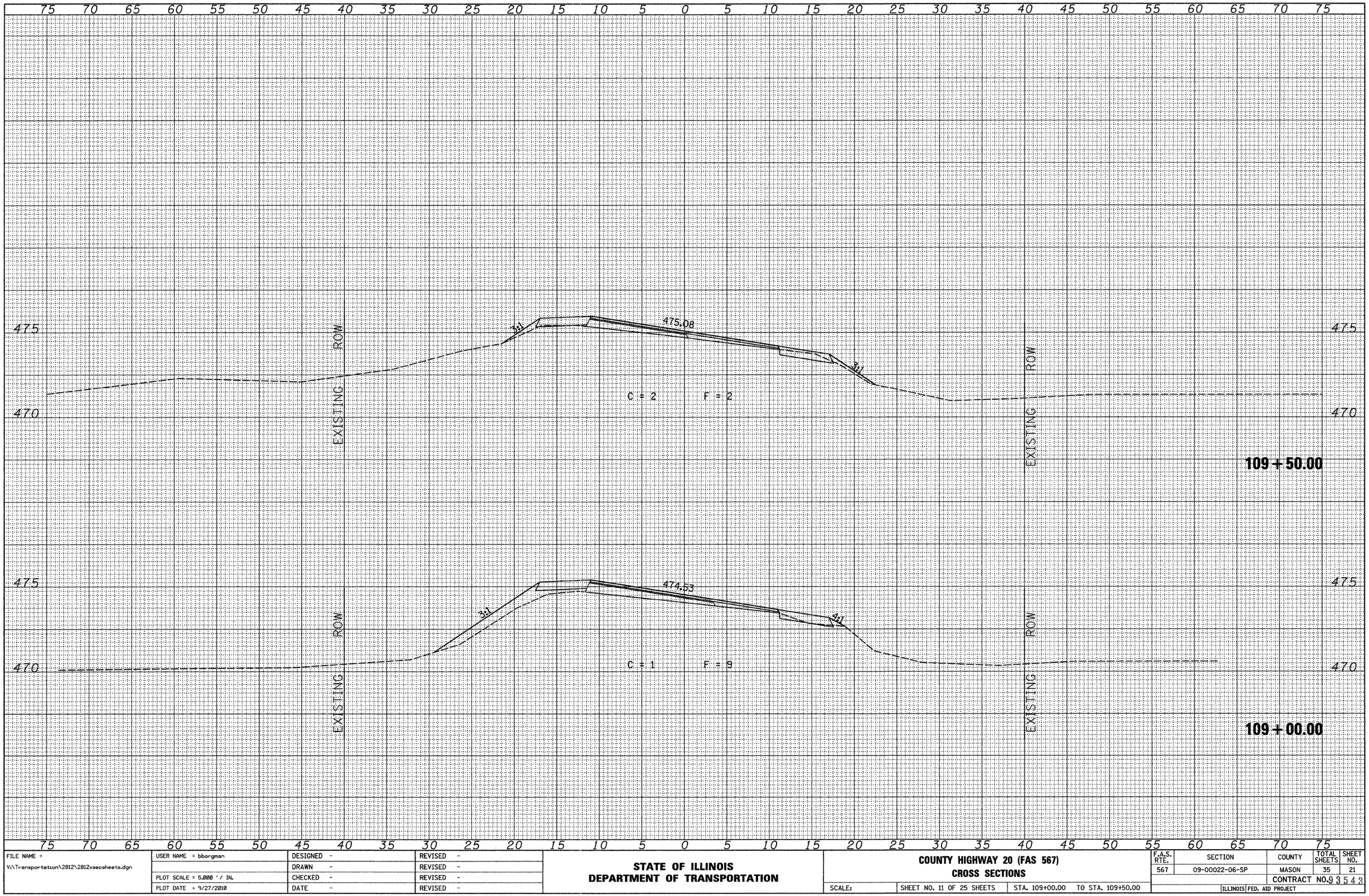
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COUNTY HIGHWAY 20 (FAS 567)
CROSS SECTIONS

SCALE: | SHEET NO. 10 OF 25 SHEETS | STA. 108+00.00 TO STA. 108+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	09-00022-06-SP	MASON	35	20
		CONTRACT NO. 93543		
	ILLINOIS FED. AID PROJECT			

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

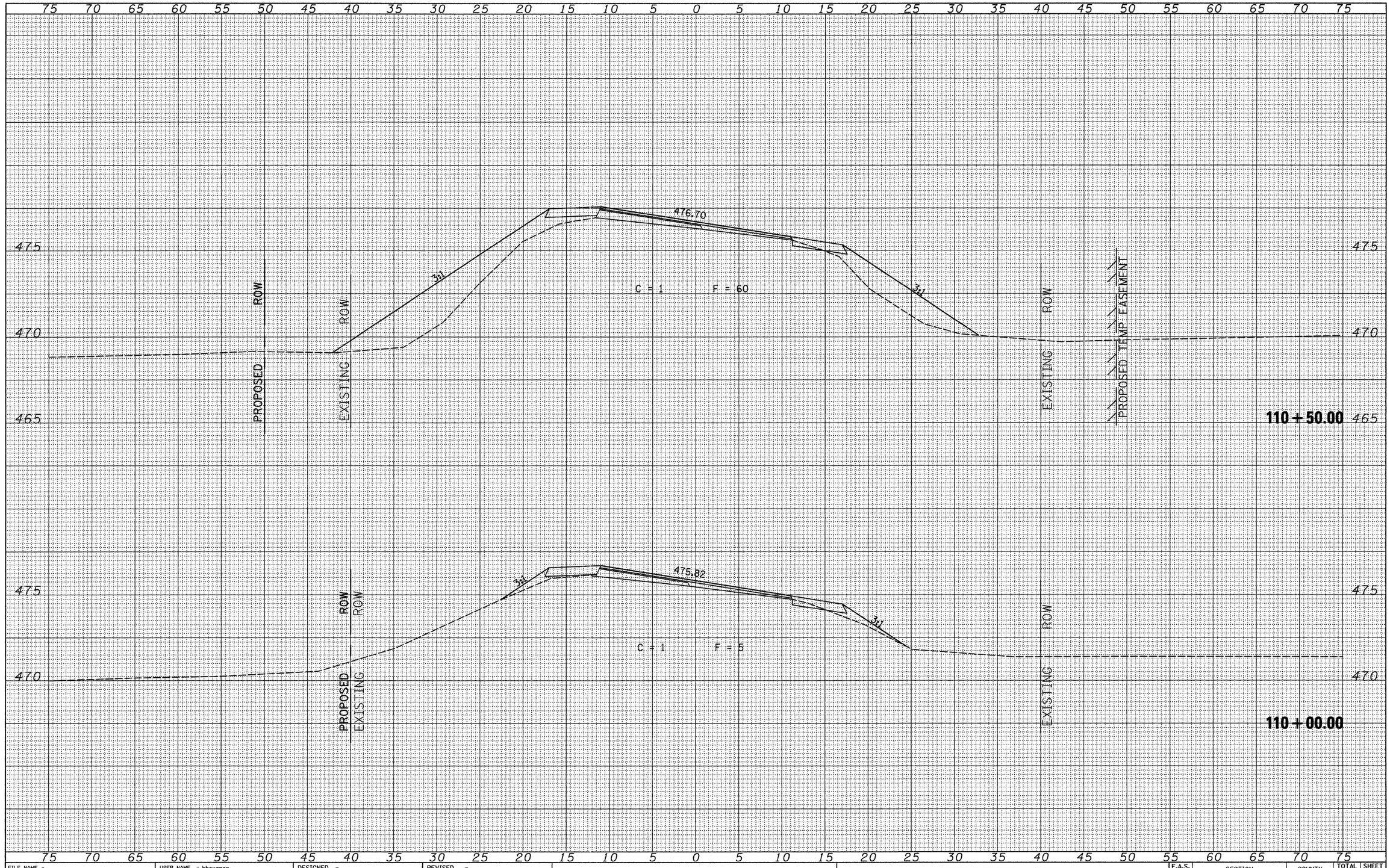


ORIGINAL SURVEY	BY	DATE
NOTE BOOK	SURVEYED	
NO.	PLOTTED	
	TYPING DATE	
	AREAS	
	AREAS CHECKED	

FILE NAME = V:\Transportation\2812\2812xsecsheets.dgn	USER NAME = bborgman	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COUNTY HIGHWAY 20 (FAS 567) CROSS SECTIONS
		DRAWN -	REVISED -		
	PLOT SCALE = 5.000 ' / IN.	CHECKED -	REVISED -		
	PLOT DATE = 9/27/2010	DATE -	REVISED -		SCALE: SHEET NO. 11 OF 25 SHEETS STA. 109+00.00 TO STA. 109+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	09-00022-06-SP	MASON	35	21
		CONTRACT NO. 93542		
	ILLINOIS FED. AID PROJECT			

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

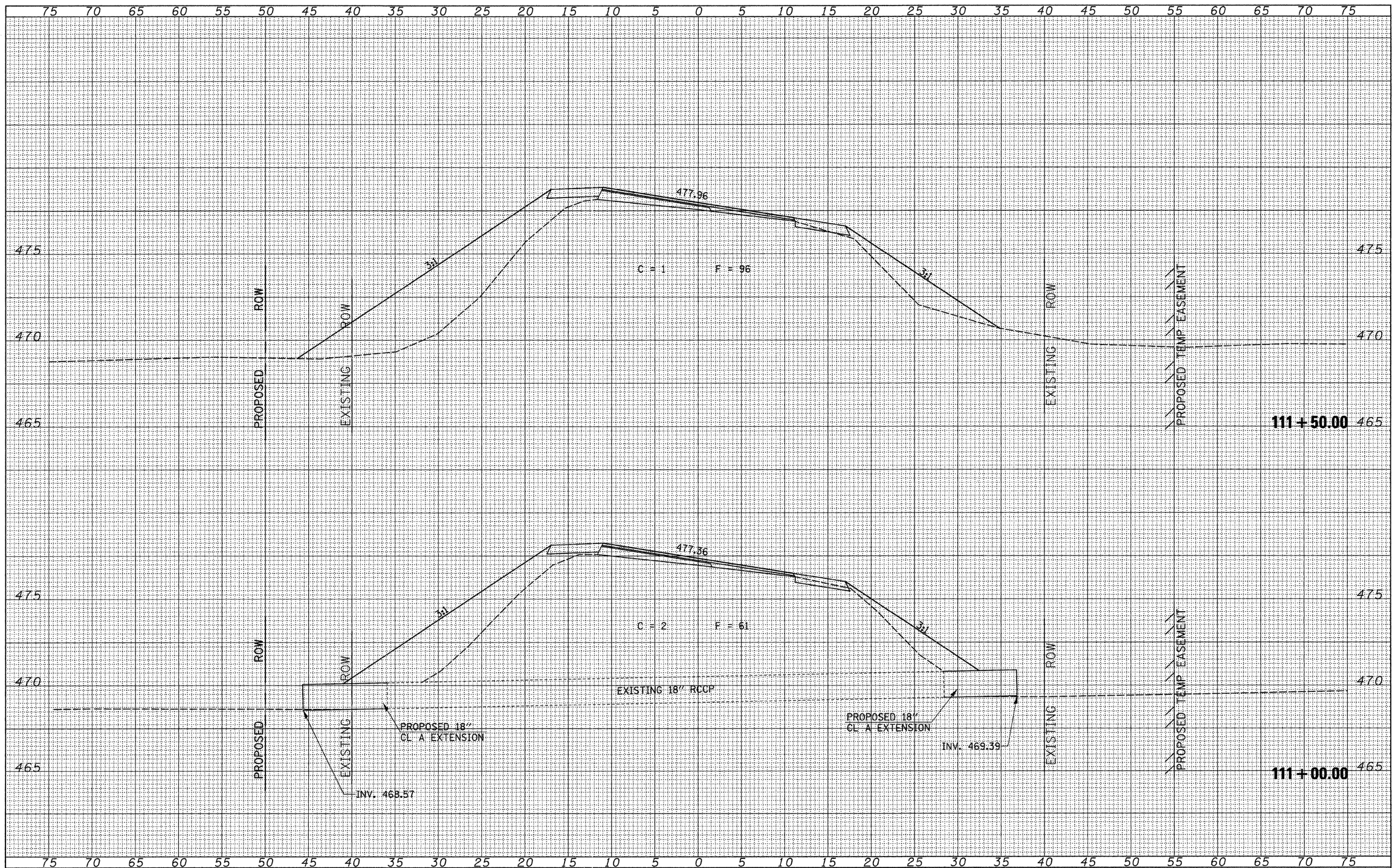


ORIGINAL SURVEY	BY	DATE
NOTE BOOK	SURVEYED	
NO.	PLOTTED	
	TOPSOIL	
	AREAS	
	AREAS CHECKED	

FILE NAME = V:\Transportation\2812\2812xsecsheets.dgn	USER NAME = bborgman	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COUNTY HIGHWAY 20 (FAS 567) CROSS SECTIONS
		DRAWN -	REVISED -		
	PLOT SCALE = 5.000 ' / IN.	CHECKED -	REVISED -		
	PLOT DATE = 9/27/2010	DATE -	REVISED -		SCALE: SHEET NO. 12 OF 25 SHEETS STA. 110+00.00 TO STA. 110+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	09-00022-06-SP	MASON	35	22
		CONTRACT NO. 93543		
		ILLINOIS FED. AID PROJECT		

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



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

FILE NAME = V:\Transportation\2812\2812xsecsheets.dgn	USER NAME = bborgman	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 5.000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 9/27/2010	DATE -	REVISED -

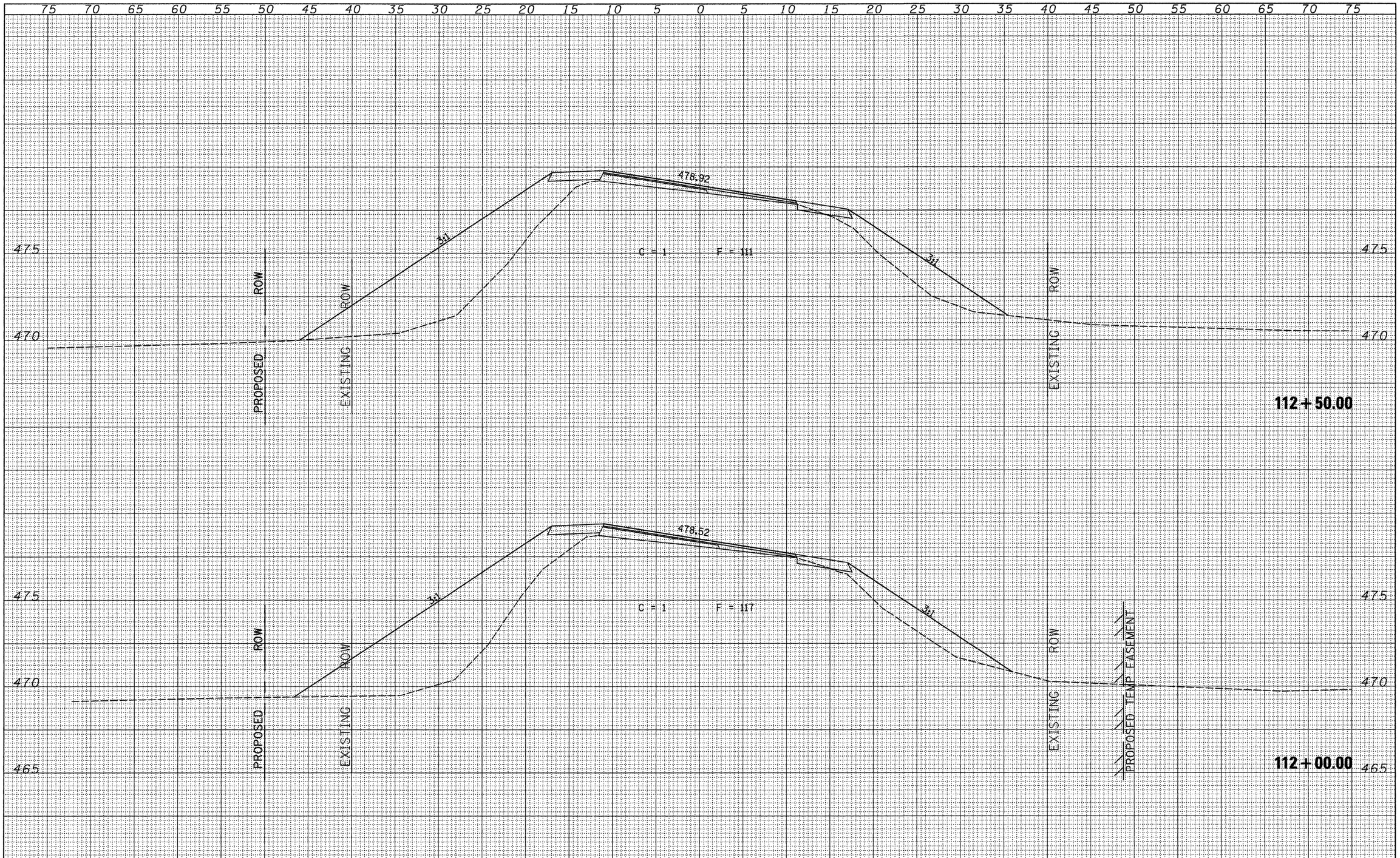
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COUNTY HIGHWAY 20 (FAS 567)
CROSS SECTIONS

SCALE: | SHEET NO. 13 OF 25 SHEETS | STA. 111+00.00 | TO STA. 111+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	09-00022-06-SP	MASON	35	23
		CONTRACT NO. 93543		
	ILLINOIS FED. AID PROJECT			

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



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

FILE NAME = V:\Transportation\2812\2812xsecsheets.dgn	USER NAME = bborgman	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 5.000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 9/27/2010	DATE -	REVISED -

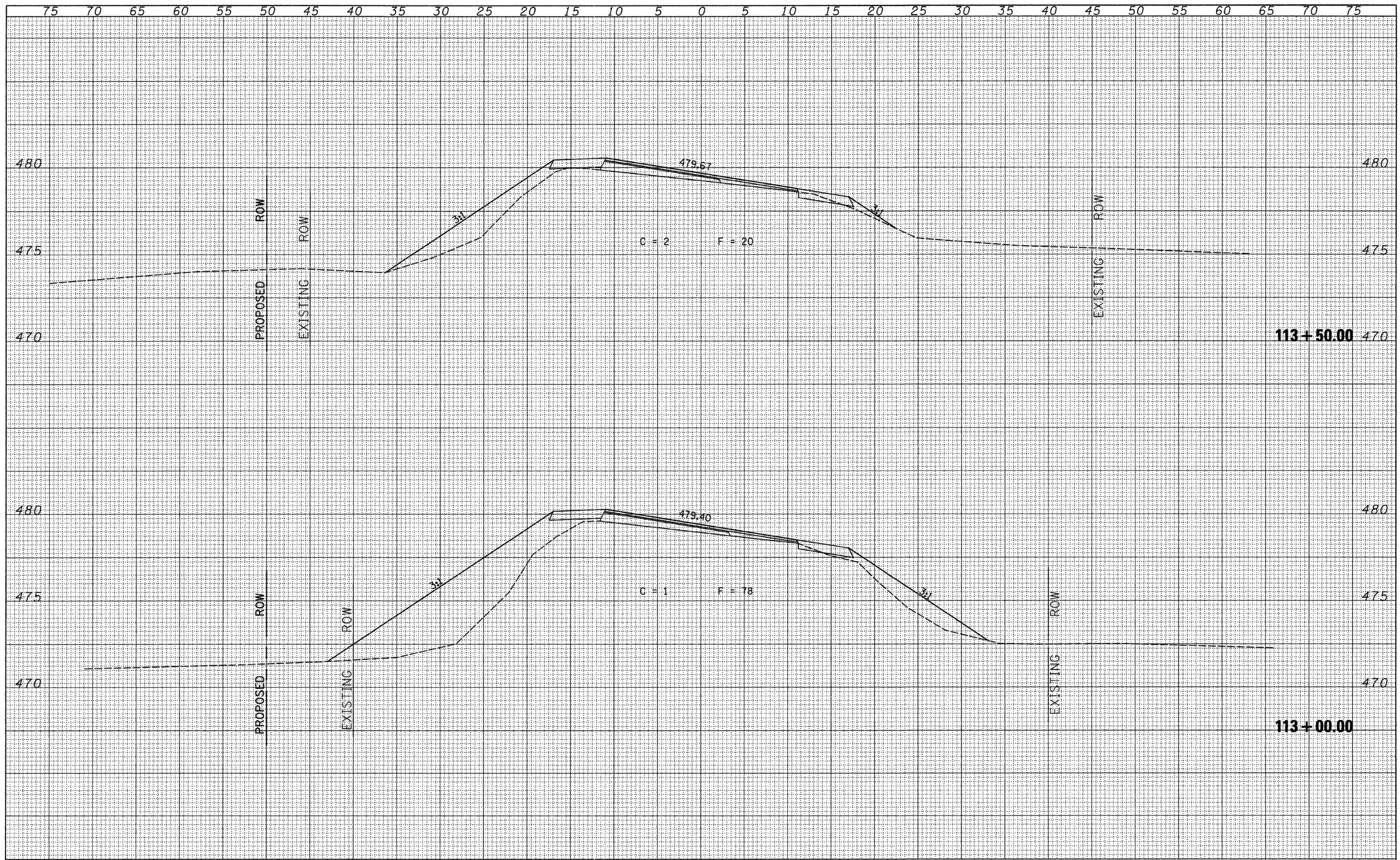
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COUNTY HIGHWAY 20 (FAS 567)
CROSS SECTIONS

SCALE: | SHEET NO. 14 OF 25 SHEETS | STA. 112+00.00 | TO STA. 112+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	09-00022-06-SP	MASON	35	24
		CONTRACT NO. 93543		
		ILLINOIS FED. AID PROJECT		

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

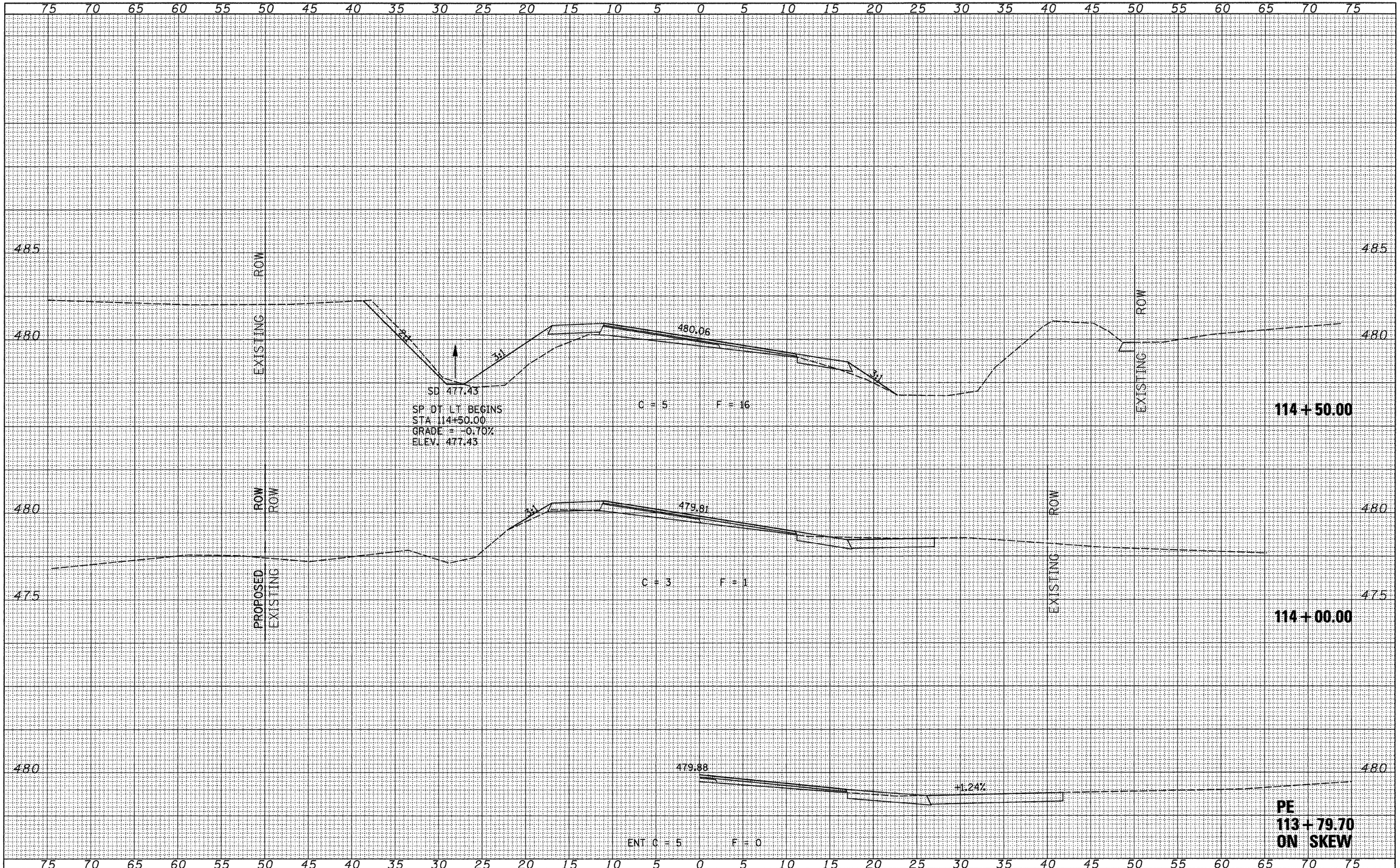


ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TOPSOIL TE		
NOTE BOOK		
AREAS		
NO.	AREAS CHECKED	

FILE NAME = V:\Transportation\2812\2812xsecsheets.dgn	USER NAME = bborgman	DESIGNED -	REVISED -	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**	**COUNTY HIGHWAY 20 (FAS 567) CROSS SECTIONS**
		DRAWN -	REVISED -		
	PLOT SCALE = 5.000 ' / IN.	CHECKED -	REVISED -		
	PLOT DATE = 9/27/2010	DATE -	REVISED -		SCALE: / SHEET NO. 15 OF 25 SHEETS / STA. 113+00.00 / TO STA. 113+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	09-00022-06-SP	MASON	35	25
		CONTRACT NO. 93543		
	ILLINOIS FED. AID PROJECT			

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



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

FILE NAME = V:\Transportation\2812\2812xsecsheets.dgn	USER NAME = bborgman	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 5.000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 9/27/2010	DATE -	REVISED -

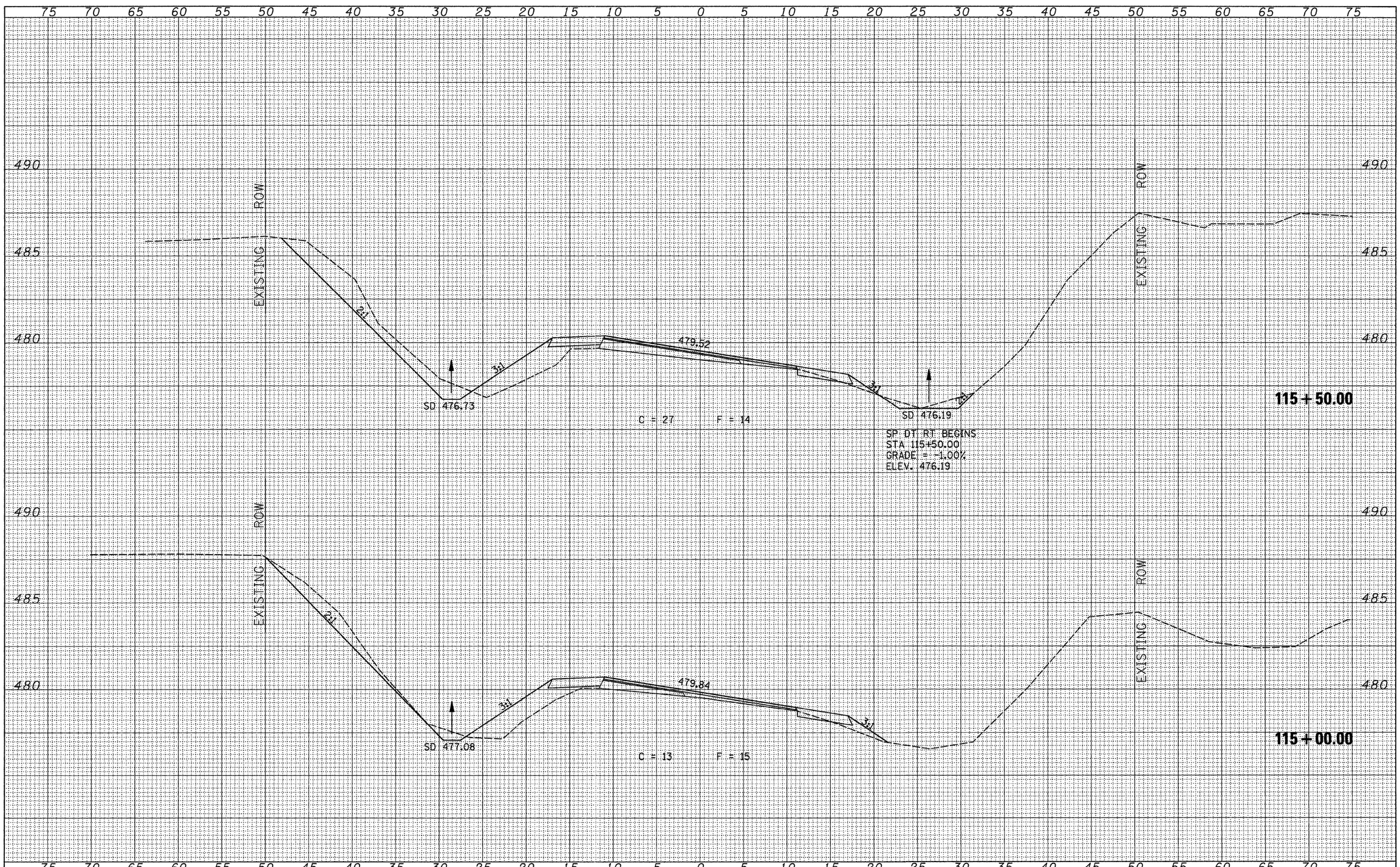
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COUNTY HIGHWAY 20 (FAS 567)
CROSS SECTIONS

SCALE: | SHEET NO. 16 OF 25 SHEETS | STA. 113+79.700 TO STA. 114+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	09-00022-06-SP	MASON	35	26
		CONTRACT NO. 93543		
	ILLINOIS FED. AID PROJECT			

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



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

FILE NAME = V:\Transportation\2812\2812xsecsheets.dgn	USER NAME = bborgman	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 5.000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 9/27/2010	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

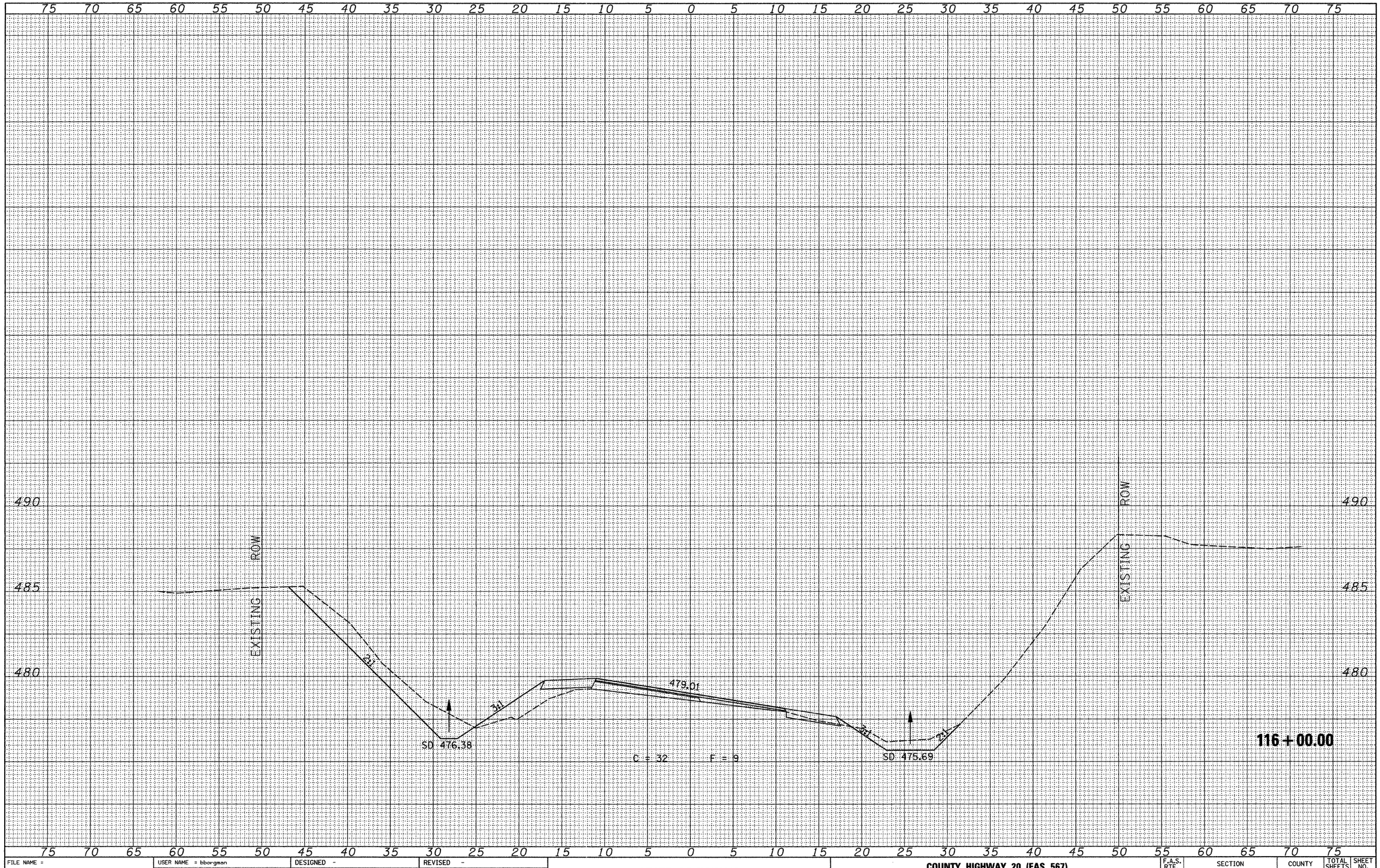
COUNTY HIGHWAY 20 (FAS 567)
CROSS SECTIONS

SCALE: | SHEET NO. 17 OF 25 SHEETS | STA. 115+00.00 | TO STA. 115+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	09-00022-06-SP	MASON	35	27
		CONTRACT NO. 93543		
		ILLINOIS FED. AID PROJECT		

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

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



FILE NAME = V:\Transportation\2812\2812xsecsheets.dgn	USER NAME = bborgman	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 5.000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 9/27/2010	DATE -	REVISED -

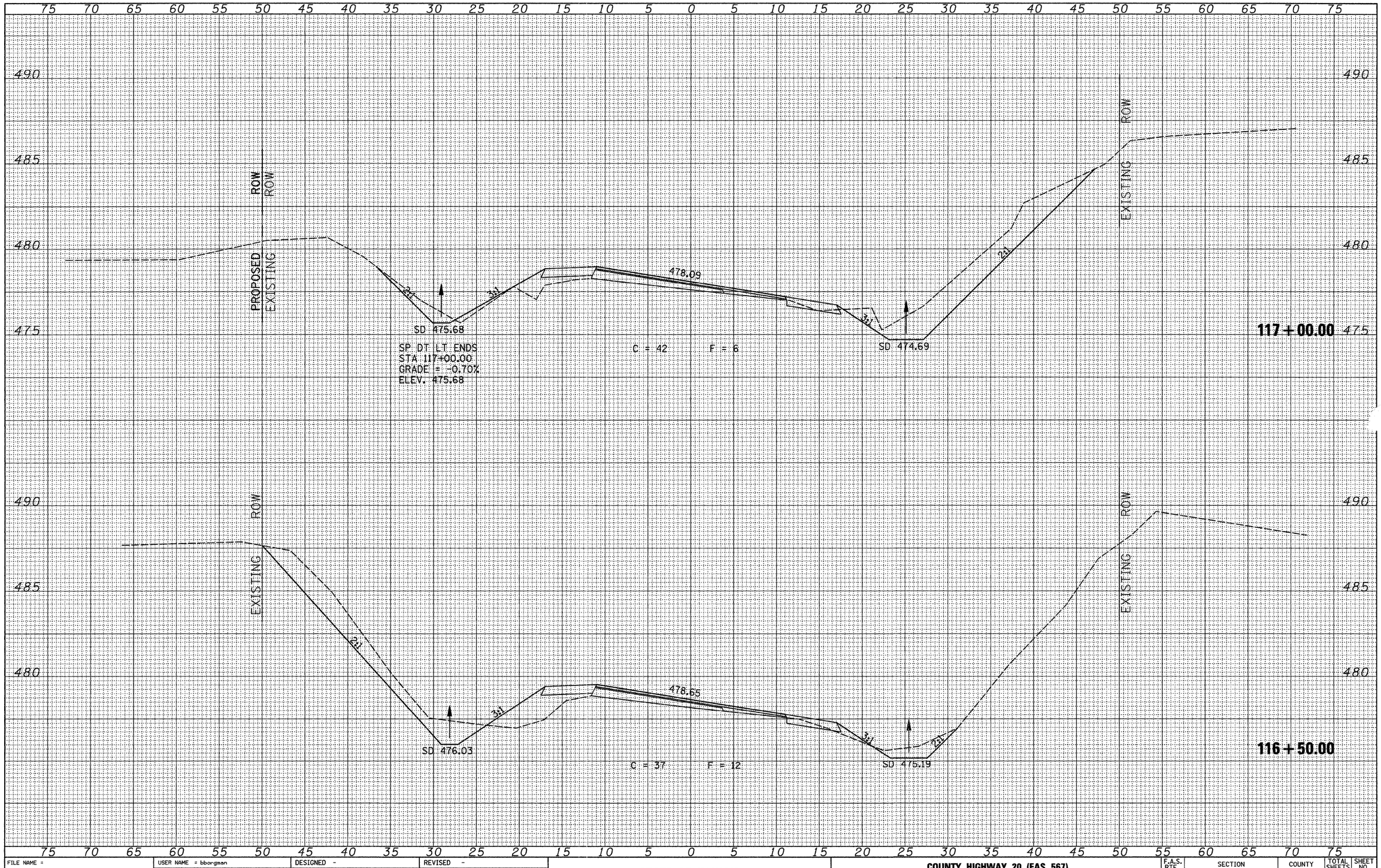
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COUNTY HIGHWAY 20 (FAS 567)
CROSS SECTIONS

SCALE: | SHEET NO. 18 OF 25 SHEETS | STA. 116+00.00 | TO STA. 116+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	09-00022-06-SP	MASON	35	28
		CONTRACT NO. 93543		
	ILLINOIS FED. AID PROJECT			

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



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

FILE NAME = V:\Transportation\2812\2812xsecsheets.dgn	USER NAME = bborgman	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 5.000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 9/27/2010	DATE -	REVISED -

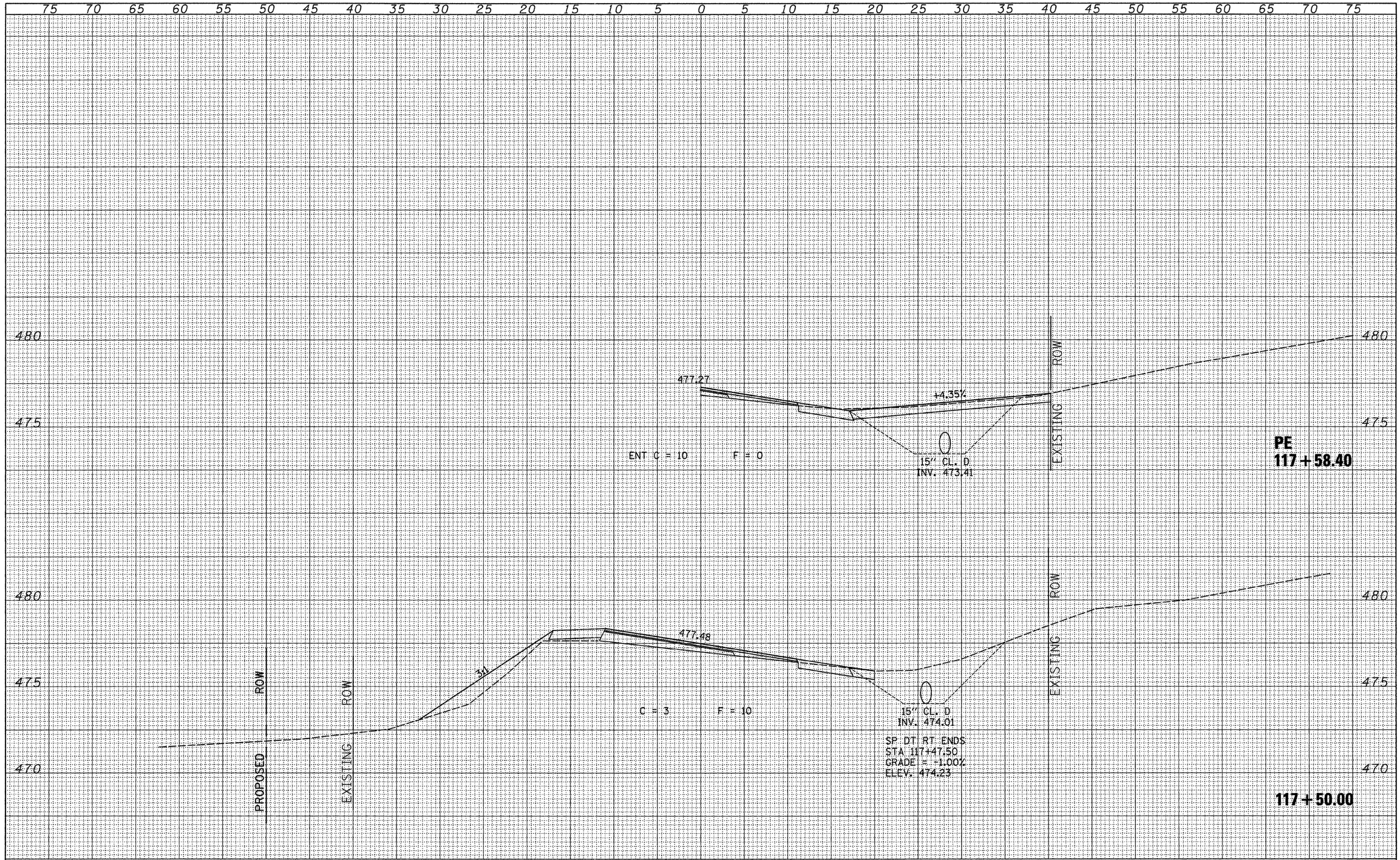
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COUNTY HIGHWAY 20 (FAS 567)
CROSS SECTIONS

SCALE: | SHEET NO. 19 OF 25 SHEETS | STA. 116+50.00 TO STA. 117+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	09-00022-06-SP	MASON	35	29
		CONTRACT NO. 93543		
	ILLINOIS FED. AID PROJECT			

FINAL SURVEY	NOTE BOOK	NO.
SURVETED	BY	
PLOTTED		
TOPOGRAPHY		
AREAS		
AREAS CHECKED		
	DATE	



ORIGINAL SURVEY	NOTE BOOK	NO.
SURVETED	BY	
PLOTTED		
TOPOGRAPHY		
AREAS		
AREAS CHECKED		
	DATE	

FILE NAME = V:\Transportation\2812\2812xsecsheets.dgn	USER NAME = bborgman	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 5.000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 9/27/2010	DATE -	REVISED -

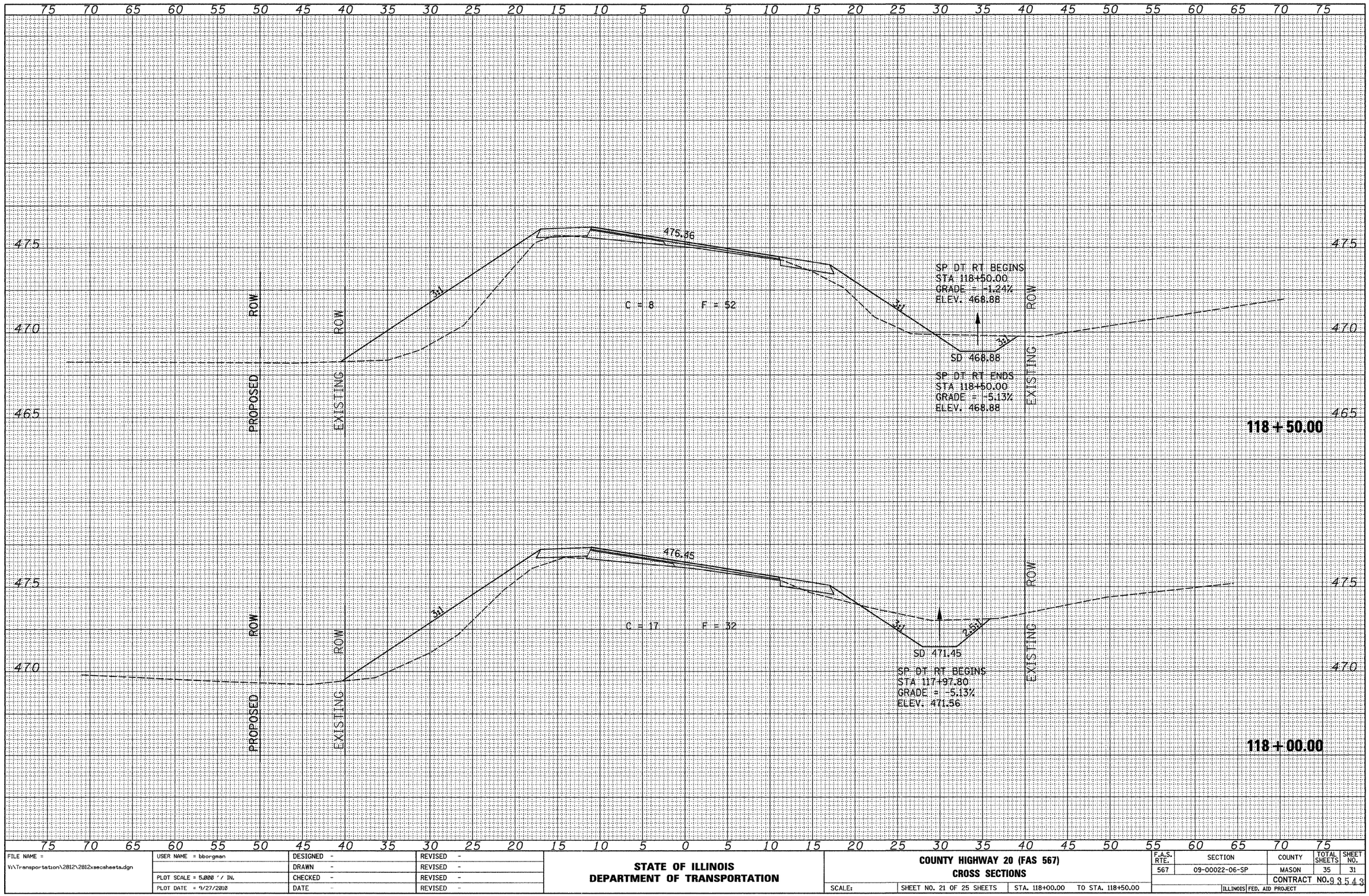
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COUNTY HIGHWAY 20 (FAS 567)
CROSS SECTIONS

SCALE: | SHEET NO. 20 OF 25 SHEETS | STA. 117+50.00 | TO STA. 117+58.400

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	09-00022-06-SP	MASON	35	30
		CONTRACT NO. 93549		
	ILLINOIS FED. AID PROJECT			

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



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

FILE NAME = V:\Transportation\2812\2812xsecsheets.dgn	USER NAME = bborgman	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 5.000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 9/27/2010	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COUNTY HIGHWAY 20 (FAS 567)
CROSS SECTIONS

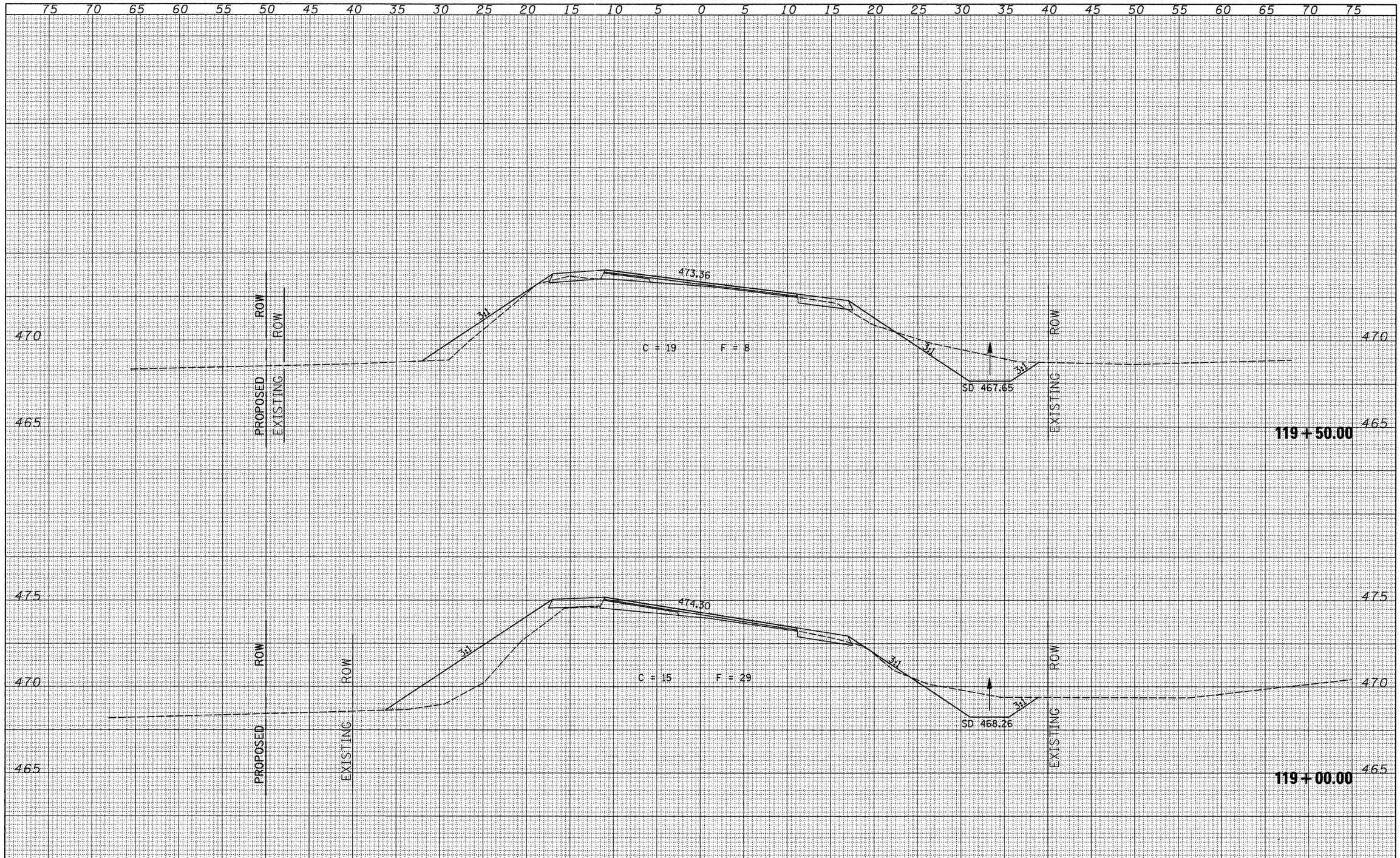
SCALE: | SHEET NO. 21 OF 25 SHEETS | STA. 118+00.00 | TO STA. 118+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	09-00022-06-SP	MASON	35	31

CONTRACT NO. 93543

ILLINOIS FED. AID PROJECT

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



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

FILE NAME = V:\Transportation\2812\2812xsecsheets.dgn	USER NAME = bborgman	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 5.000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 9/27/2010	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COUNTY HIGHWAY 20 (FAS 567)
CROSS SECTIONS

SCALE: | SHEET NO. 22 OF 25 SHEETS | STA. 119+00.00 TO STA. 119+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	09-00022-06-SP	MASON	35	32
		CONTRACT NO. 93543		
		ILLINOIS FED. AID PROJECT		

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

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

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

470

465

EXISTING ROW

4.5%

471.13

C = 3 F = 2

15" CL. D
INV. 466.4±

120 + 50.00

471.26

8.76%

ENT C = 3 F = 3

15" CL. D
INV. 466.5±

PE
120 + 41.70

3.5%

472.17

C = 14 F = 4

3:1

3:1

SD 467.03

120 + 00.00

FILE NAME = V:\Transportation\2812\2812xsecsheets.dgn	USER NAME = bborgmen	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 5.000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 9/27/2010	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

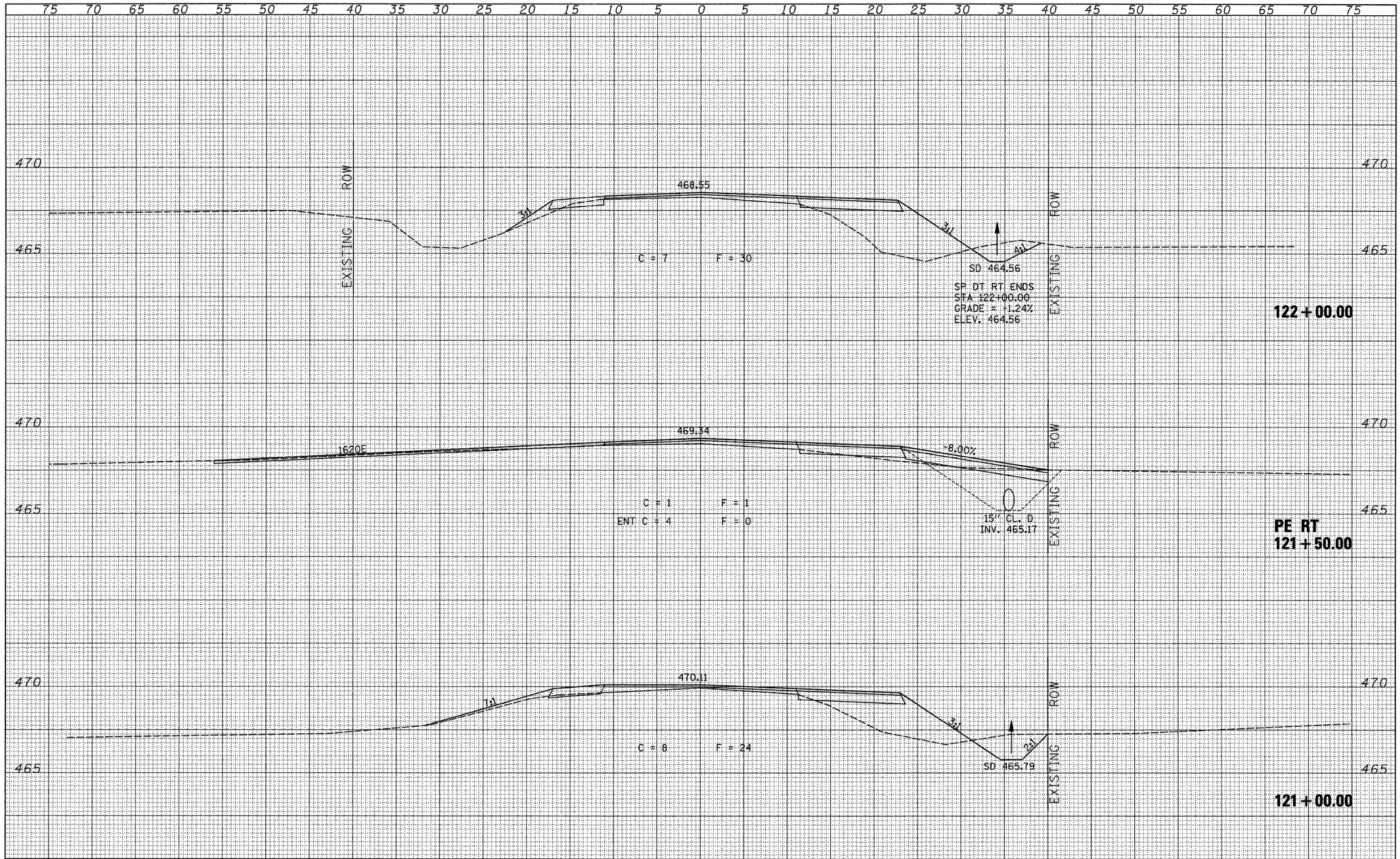
COUNTY HIGHWAY 20 (FAS 567)
CROSS SECTIONS

SCALE: | SHEET NO. 23 OF 25 SHEETS | STA. 120+00.00 TO STA. 120+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	09-00022-06-SP	MASON	35	33
		CONTRACT NO. 93543		
		ILLINOIS FED. AID PROJECT		

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

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



FILE NAME = V:\Transportation\2812\2812xsecsheets.dgn	USER NAME = bborgman	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 5.000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 9/27/2010	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

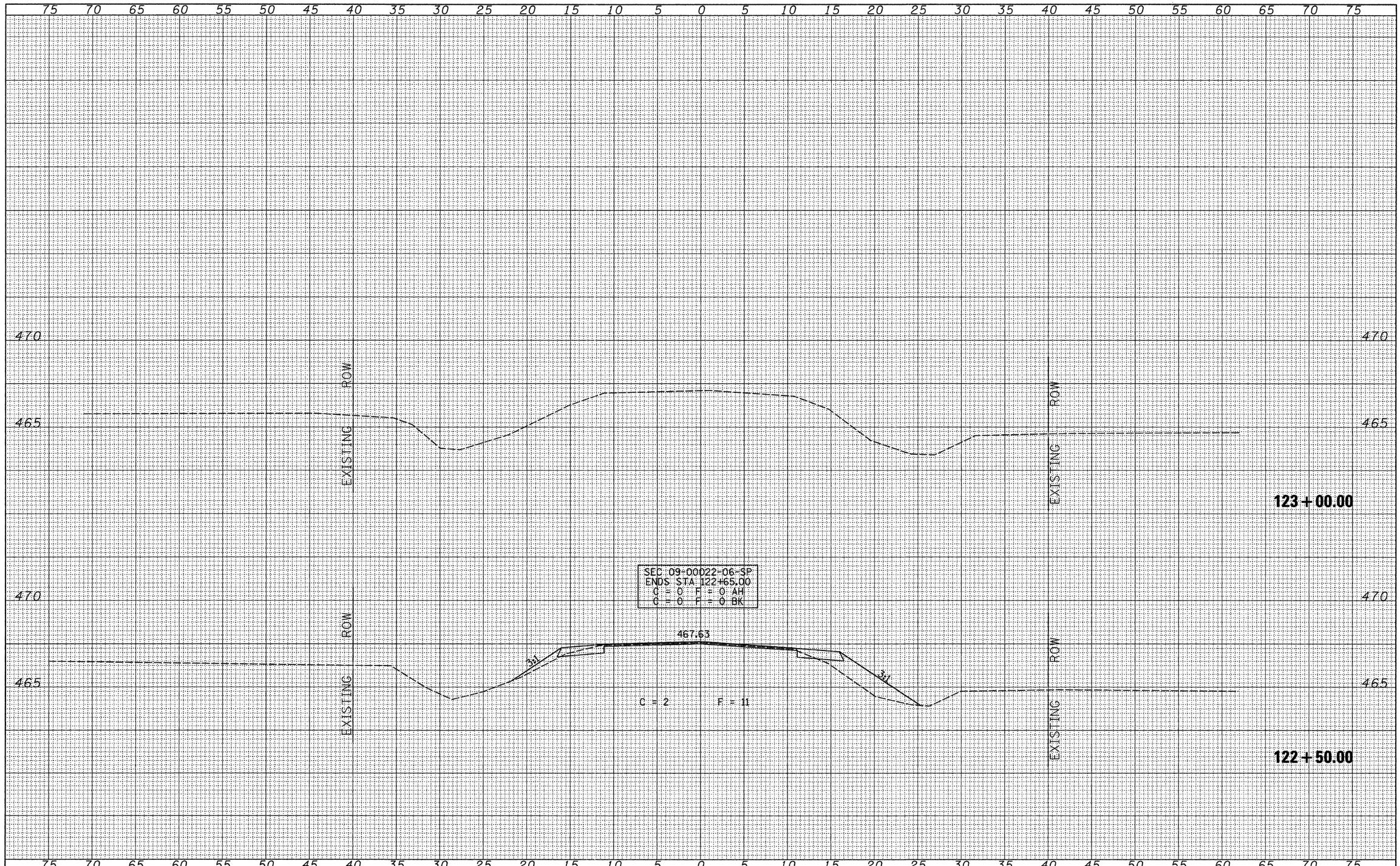
COUNTY HIGHWAY 20 (FAS 567)
CROSS SECTIONS

SCALE: | SHEET NO. 24 OF 25 SHEETS | STA. 121+00.00 | TO STA. 122+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	09-00022-06-SP	MASON	35	34
		CONTRACT NO. 93543		
	ILLINOIS FED. AID PROJECT			

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

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



FILE NAME =	USER NAME = bborgman	DESIGNED -	REVISED -
V:\Transportation\2812\2812xsecsheets.dgn		DRAWN -	REVISED -
	PLOT SCALE = 5.000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 9/27/2010	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COUNTY HIGHWAY 20 (FAS 567)
CROSS SECTIONS

SCALE: | SHEET NO. 25 OF 25 SHEETS | STA. 122+50.00 TO STA. 123+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	09-00022-06-SP	MASON	35	35
		CONTRACT NO. 93543		
	ILLINOIS FED. AID PROJECT			