

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

FAI ROUTE 70 (I-70)
SECTION (18-47)I
PROJECT IM-070-4(140)120
MEDIAN CROSSOVER
CUMBERLAND COUNTY
C-97-131-10

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(18-47)I	CUMBERLAND	47	1
ILLINOIS			CONTRACT NO. 74481	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

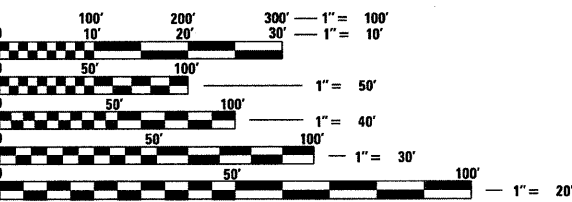
STATION EQUATIONS:

STA. 575 + 54.38 (BK) = STA. 80 + 00.00 (AH)

ADT = 19,400 (2010)

FAI ROUTE 70
SECTION (18-47)I
END STA. 181 + 50
CUMBERLAND COUNTY

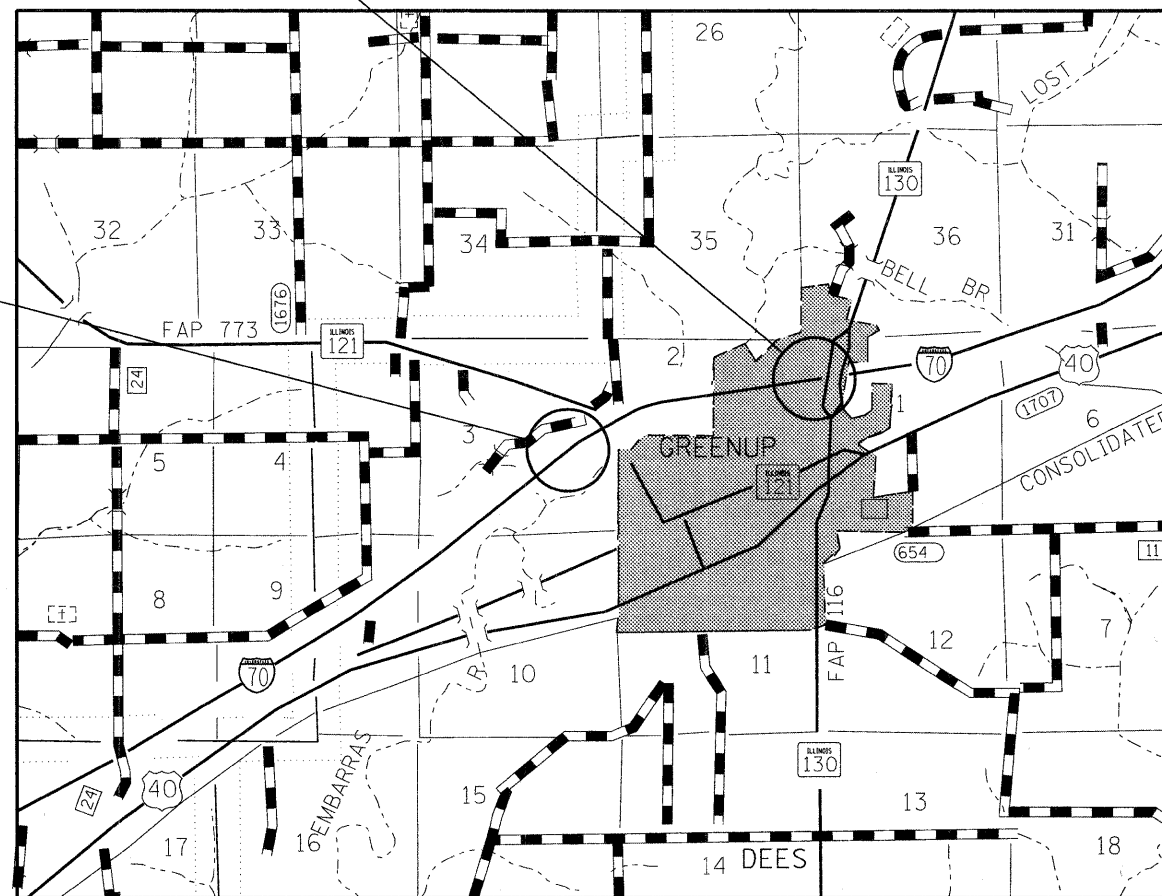
FAI ROUTE 70
SECTION (18-47)I
BEGIN STA. 573 + 00
CUMBERLAND COUNTY



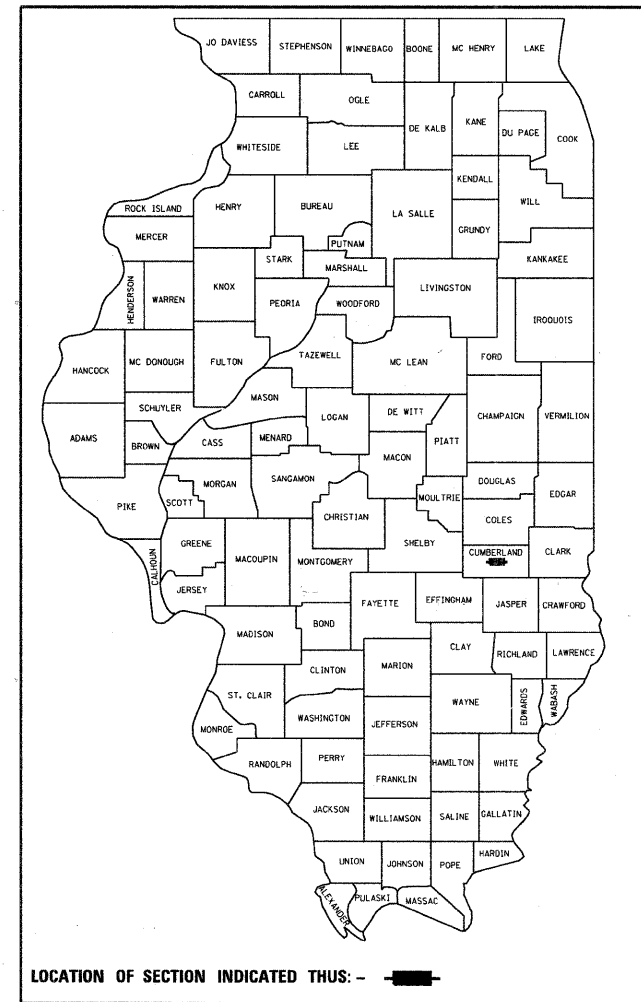
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: TOM RONAN
PROJECT MANAGER: JENNIFER WENTHE
PHONE: (217)-342-8361
CONTRACT NO. 74481



GROSS LENGTH = 10,404.4 FT. = 1.97 MILE
NET LENGTH = 2,579.4 FT. = 0.49 MILE



LOCATION OF SECTION INDICATED THUS: —

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED Jan 31 20 11
Ron I. Ronan
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

March 05 20 11
Scott E. Stitt, P.E.
Acting ENGINEER OF DESIGN AND ENVIRONMENT

March 05 20 11
Christine M. Reed
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

INDEX OF SHEETS

SHEET NO.	ITEM
1	COVER SHEET
2	INDEX OF SHEETS & GENERAL NOTES
3	SUMMARY OF QUANTITIES
4	TYPICAL SECTIONS
5-6	SCHEDULES
7-9	TIE POINTS AND BENCHMARKS
10-11	ELEVATION-OFFSET TABLES
12-13	PLAN AND PROFILE SHEETS
14-22	TRAFFIC CONTROL
23	EROSION CONTROL DETAILS
24-25	PAVEMENT MARKING DETAILS
26-47	CROSS SECTIONS

THE FOLLOWING STANDARDS ARE A PART OF THESE PLANS AND ARE INCLUDED AFTER SHEET NO. 47:

STD. NO.	DESCRIPTION
000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-05	TEMPORARY EROSION CONTROL SYSTEMS
542531-04	INLET BOX TYPE 24 (600) G
601101-01	CONCRETE HEADWALL FOR PIPE DRAIN
602306-03	INLET - TYPE B
604036-02	GRATE TYPE B
701101-02	OFF-RD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701400-05	APPROACH TO LAND CLOSURE, FREEWAY/EXPRESSWAY
701401-06	LANE CLOSURE, FREEWAY/EXPRESSWAY
701406-06	LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
701426-04	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS >= 45 MPH
701901-01	TRAFFIC CONTROL DEVICES

GENERAL NOTES

THIS SECTION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS; THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2007; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", ADOPTED JANUARY 1, 2011, AND THE SPECIAL PROVISIONS INCLUDED IN THIS PROPOSAL.

THE WORK INCLUDED IN THIS SECTION CONSISTS OF CONSTRUCTION OF TWO MEDIAN CROSSOVERS, EARTHWORK, AGGREGATE SHOULDERS, AND ANY OTHER WORK NECESSARY TO COMPLETE THIS SECTION ON FAI 70 IN CUMBERLAND COUNTY WEST OF THE GREENUP INTERCHANGE.

THE CONTRACTOR SHALL PROVIDE INTERNET ACCESSIBILITY TO THE HOT-MIX ASPHALT PLANT QUALITY CONTROL LAB SO THAT HOT-MIX ASPHALT PLANT REPORTS CAN BE E-MAILED TO THE DISTRICT HEADQUARTERS. THIS WORK SHALL BE INCLUDED IN THE COST OF ALL HOT-MIX ASPHALT PAY ITEMS.

THE CONTRACTOR SHALL USE EITHER RC-70, SS1H, OR SS-1HP, APPLIED AT THE RATE DIRECTED BY THE ENGINEER, FOR THE PAY ITEM BITUMINOUS MATERIALS (PRIME COAT).

THE RESIDENT ENGINEER SHALL BE THE SOLE JUDGE CONCERNING THE CURING TIME FOR HOT-MIX ASPHALT LIFTS.

TOPSOIL EXCAVATION AND PLACEMENT SHALL BE 4" AND SHALL BE STOCKPILED OFF STATE RIGHT OF WAY AT A SITE APPROVED BY THE RESIDENT ENGINEER.

THE MATERIAL USED FOR AGGREGATE SHOULDERS, TYPE B SHALL BE CRUSHED STONE OR CRUSHED CONCRETE.

GUARD POSTS REMOVED OR DAMAGED BY CONTRACTOR SHALL BE REPLACED AT CONTRACTORS EXPENSE.

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

SURFACE COURSE (2")

APPLICATION: POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N105
 PG GRADE: SBS PG 70-22
 DESIGN AIR VOIDS: 4.0% @ NDESIGN = 105
 MIXTURE COMPOSITION: IL-9.5
 FRICTION AGGREGATE: MIXTURE D

BINDER COURSE LIFT #3 (2 1/4")

APPLICATION: POLYMERIZED HOT MIX ASPHALT BINDER COURSE, IL-19 N105
 PG GRADE: SBS PG 70-22
 DESIGN AIR VOIDS: 4.0% @ NDESIGN = 105
 MIXTURE COMPOSITION: IL-19.0
 FRICTION AGGREGATE: N/A

BINDER COURSE LIFT #2 (4")

APPLICATION: HOT MIX ASPHALT BINDER COURSE, IL-19 N90
 PG GRADE: PG 64-22
 DESIGN AIR VOIDS: 4.0% @ NDESIGN = 90
 MIXTURE COMPOSITION: IL-19.0
 FRICTION AGGREGATE: N/A

BINDER COURSE LIFT #1 (5 3/4")

APPLICATION: HOT MIX ASPHALT BINDER COURSE, IL-19 N90
 PG GRADE: PG 64-22
 DESIGN AIR VOIDS: 4.0% @ NDESIGN = 90
 MIXTURE COMPOSITION: IL-19.0
 FRICTION AGGREGATE: N/A

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

HOT MIX ASPHALT	112 LBS/SQ YD/IN
GRANULAR MATERIAL	2.05 TONS/CU YD

FILE NAME =	USER NAME = *USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS AND GENERAL NOTES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT SCALE = *SCALE*	CHECKED -	REVISED -		SCALE: NA					
	PLOT DATE = *DATE*	DATE -	REVISED -		SHEET NO. 1 OF 1 SHEETS	STA.				CONTRACT NO. 74481
										ILLINOIS FED. AID PROJECT

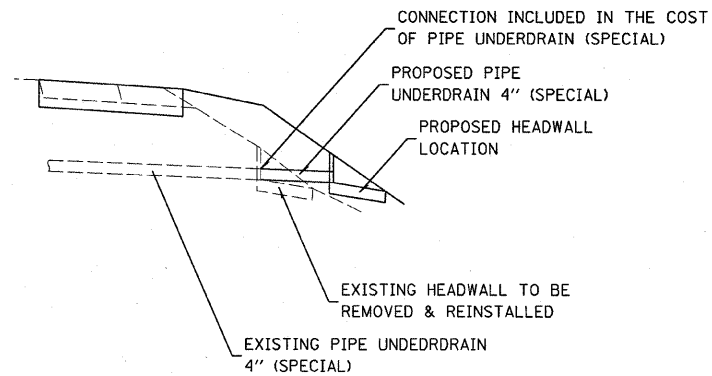
SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE
CODE NO	ITEM	UNIT		90% FEDERAL 10% STATE 0004
20200100	EARTH EXCAVATION	CU YD	357	357
20400800	FURNISHED EXCAVATION	CU YD	3702	3702
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	1530	1530
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	93	93
28000305	TEMPORARY DITCH CHECKS	FOOT	6	6
28000500	INLET AND PIPE PROTECTION	EACH	6	6
35101400	AGGREGATE BASE COURSE, TYPE B	TON	2064	2064
40701961	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 14"	SQ YD	9063	9063
44004250	PAVED SHOULDER REMOVAL	SQ YD	3439	3439
48101200	AGGREGATE SHOULDERS, TYPE B	TON	854	854
54246405	INLET BOX, STANDARD 542531	EACH	2	2
542A0229	PIPE CULVERTS, CLASS A, TYPE 1 24"	FOOT	600	600
60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	55	55
60240301	INLETS, TYPE B, TYPE 8 GRATE	EACH	1	1
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	4	4
67100100	MOBILIZATION	L SUM	1	1
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1	1
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1	1
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	15	15
70300100	SHORT TERM PAVEMENT MARKING	FOOT	103	103
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	2579	2579
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	34	34
*78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	2579	2579
X0301893	REMOVE AND REINSTALL CONCRETE HEADWALL FOR PIPE DRAIN	EACH	7	7
X0584500	DRUMS	EACH	38	38
*X2501000	SEEDING, CLASS 2 (SPECIAL)	ACRE	0.9	0.9

* SPECIALTY
ITEM

FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILEL#		DRAWN -	REVISED -		70	(18-47)	CUMBERLAND	47	3			
PLOT SCALE = #SCALE#		CHECKED -	REVISED -		SCALE: NA			SHEET NO. 1 OF 1 SHEETS				
PLOT DATE = #DATE#		DATE -	REVISED -		STA. TO STA.			ILLINOIS FED. AID PROJECT				
											CONTRACT NO. 74481	

EARTHWORK SCHEDULE	EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (25%)	EARTH FILL	EARTHWORK BALANCE, WASTE (+) OR SHORTAGE (-)	TOPSOIL EXCAVATION AND PLACEMENT
	CU YD	CU YD	CU YD	CU YD	CU YD
WEST CROSS OVER					
572+50 TO 573+00	0.0	0.0	11.9	-11.9	10.7
573+00 TO 573+50	0.0	0.0	22.4	-22.4	21.1
573+50 TO 574+00	0.0	0.0	21.7	-21.7	20.7
574+00 TO 574+50	0.0	0.0	22.3	-22.3	20.4
574+50 TO 575+00	0.0	0.0	23.8	-23.8	21.4
575+00 TO 575+50	3.1	2.3	28.9	-26.6	22.5
575+50 TO 80+50	8.4	6.3	58.1	-51.9	32.2
80+50 TO 81+00	9.5	7.1	91.3	-84.2	36.9
81+00 TO 81+50	9.9	7.4	118.0	-110.6	36.8
81+50 TO 82+00	10.1	7.6	133.6	-126.1	36.6
82+00 TO 82+50	10.1	7.6	144.3	-136.8	36.6
82+50 TO 83+00	9.9	7.4	145.9	-138.5	36.8
83+00 TO 83+50	9.8	7.4	135.4	-128.1	36.8
83+50 TO 84+00	9.9	7.4	129.0	-121.5	36.7
84+00 TO 84+50	9.4	7.1	136.4	-129.4	36.8
84+50 TO 85+00	8.6	6.4	158.2	-151.7	37.0
85+00 TO 85+50	8.4	6.3	167.2	-160.8	37.0
85+50 TO 86+00	9.1	6.8	150.5	-143.6	36.8
86+00 TO 86+50	9.7	7.2	125.1	-117.8	36.6
86+50 TO 87+00	9.9	7.5	93.6	-86.1	36.6
87+00 TO 87+50	10.5	7.8	64.3	-56.4	33.3
87+50 TO 88+00	8.9	6.7	40.4	-33.7	26.6
88+00 TO 88+50	3.5	2.6	23.0	-20.4	21.6
88+50 TO 89+00	0.0	0.0	17.3	-17.3	20.8
89+00 TO 89+50	0.0	0.0	17.0	-17.0	21.4
89+50 TO 90+00	0.0	0.0	25.2	-25.2	23.3
90+00 TO 90+50	0.0	0.0	30.3	-30.3	23.9
90+50 TO 91+00	0.0	0.0	13.3	-13.3	11.1
WEST TOTALS	159.0	119.0	2148.0	-2029.0	809.0

EARTHWORK SCHEDULE (Cont'd)	EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (25%)	EARTH FILL	EARTHWORK BALANCE, WASTE (+) OR SHORTAGE (-)	TOPSOIL EXCAVATION AND PLACEMENT
	CU YD	CU YD	CU YD	CU YD	CU YD
EAST CROSS OVER					
168+50 TO 169+00	0.0	0.0	4.2	-4.2	6.7
169+00 TO 169+50	0.0	0.0	8.2	-8.2	13.1
169+50 TO 170+00	0.0	0.0	7.9	-7.9	13.4
170+00 TO 170+50	0.0	0.0	6.7	-6.7	11.9
170+50 TO 171+00	3.4	2.5	10.7	-8.1	14.3
171+00 TO 171+50	8.4	6.3	35.9	-29.6	27.8
171+50 TO 172+00	10.2	7.7	73.7	-66.1	36.5
172+00 TO 172+50	12.4	9.3	113.5	-104.2	36.4
172+50 TO 173+00	14.3	10.8	125.6	-114.8	36.3
173+00 TO 173+50	14.1	10.6	109.6	-99.0	36.3
173+50 TO 174+00	13.4	10.1	104.7	-94.6	36.3
174+00 TO 174+50	12.6	9.5	102.4	-93.0	36.2
174+50 TO 175+00	12.1	9.1	99.6	-90.5	36.2
175+00 TO 175+50	11.5	8.6	105.0	-96.4	36.2
175+50 TO 176+00	10.8	8.1	124.4	-116.3	36.3
176+00 TO 176+50	10.7	8.0	149.0	-141.0	36.5
176+50 TO 177+00	11.5	8.6	164.7	-156.1	36.7
177+00 TO 177+50	11.8	8.9	155.5	-146.6	36.8
177+50 TO 178+00	11.6	8.7	121.3	-112.6	36.8
178+00 TO 178+50	11.2	8.4	84.9	-76.5	36.7
178+50 TO 179+00	11.7	8.8	48.8	-40.1	36.6
179+00 TO 179+50	6.3	4.7	21.6	-16.9	27.5
179+50 TO 180+00	0.0	0.0	13.6	-13.6	18.1
180+00 TO 180+50	0.0	0.0	11.7	-11.7	15.8
180+50 TO 181+00	0.0	0.0	9.5	-9.5	13.4
181+00 TO 181+50	0.0	0.0	8.7	-8.7	12.3
EAST TOTALS	198.0	149.0	1821.0	-1673.0	721.0
TOTAL	357.0	268.0	3969.0	-3702.0	1530.0



MEDIAN SUBSURFACE DRAIN EXTENSION
DETAIL AT CROSSOVER

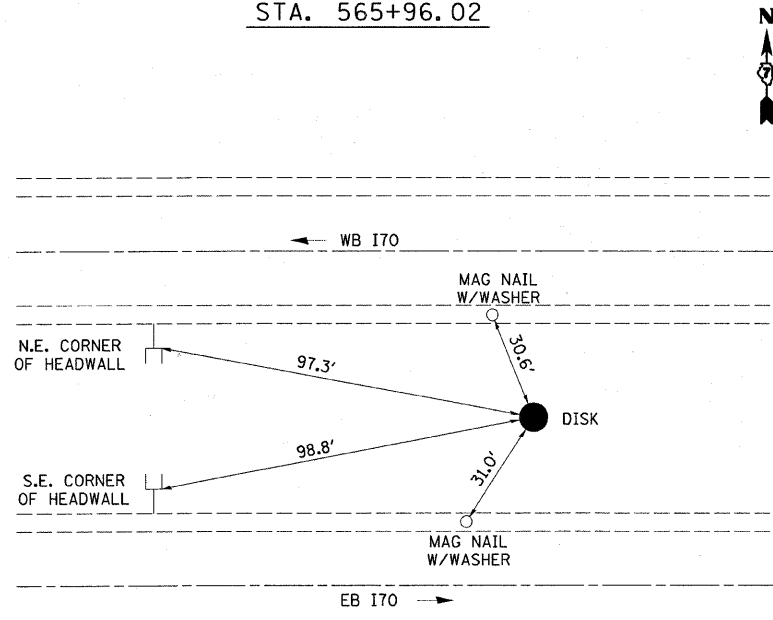
PAVING SCHEDULE	STATION TO STATION		AGGREGATE BASE COURSE, TYPE B	HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 14"	PAVED SHOULDER REMOVAL	AGGREGATE SHOULDERS, TYPE B	PAINT PAVEMENT MARKING - LINE 4" (YELLOW)	SHORT TERM PAVEMENT MARKING	TEMPORARY PAVEMENT MARKING - LINE 4"	WORK ZONE PAVEMENT MARKING REMOVAL	DRUMS
	TON	SQ YD	SQ YD	TON	FOOT	FOOT	FOOT	SQ FT	EACH		
WEST CROSSOVER											
573+00.00 TO 90+50.00	1039.4	4563.3	1739.2	431.8	1304.4	52.2	1304.4	17.4	19.0		
EAST CROSSOVER											
168+75.00 TO 181+50.00	1024.9	4499.8	1700.0	422.1	1275.0	51.0	1275.0	17.0	19.0		
TOTALS	2064.0	9063.0	3439.0	854.0	2579.0	103.0	2579.0	34.0	38.0		

UNDERDRAIN SCHEDULE	PIPE UNDERDRAIN 4" (SPECIAL)		REMOVE AND REINSTALL CONCRETE HEADWALL FOR PIPE DRAIN
	FOOT	EACH	
WEST CROSSOVER			
LT 575+00	5.0	1.0	
RT 80+50	10.0	1.0	
LT 90+00	5.0	1.0	
RT 90+15	5.0	1.0	
EAST CROSSOVER			
LT 172+00	10.0	1.0	
RT 172+25	10.0	1.0	
LT 173+30	10.0	1.0	
TOTALS	55.0	7.0	

SEEDING SCHEDULE	STATION TO STATION		SEEDING, CLASS 2 (SPECIAL)	TEMPORARY EROSION CONTROL SEEDING	NITROGEN FERTILIZER NURTIENT*	PHOSPHORUS FERTILIZER NURTIENT*	POTASSIUM FERTILIZER NURTIENT*	MULCH, METHOD 2*	AGRICULTURAL GROUND LIMESTONE*
	ACRE	POUND	POUND	POUND	POUND	POUND	ACRE	TON	
WEST CROSSOVER									
573+00.0 TO 90+50.0	0.52	52.40	47.16	47.16	47.16	0.52	1.05		
EAST CROSSOVER									
168+75.0 TO 178+50.0	0.41	40.50	36.45	36.45	36.45	0.41	0.81		
TOTAL =	0.90	93.00	84.00	84.00	84.00	0.90	2.00		

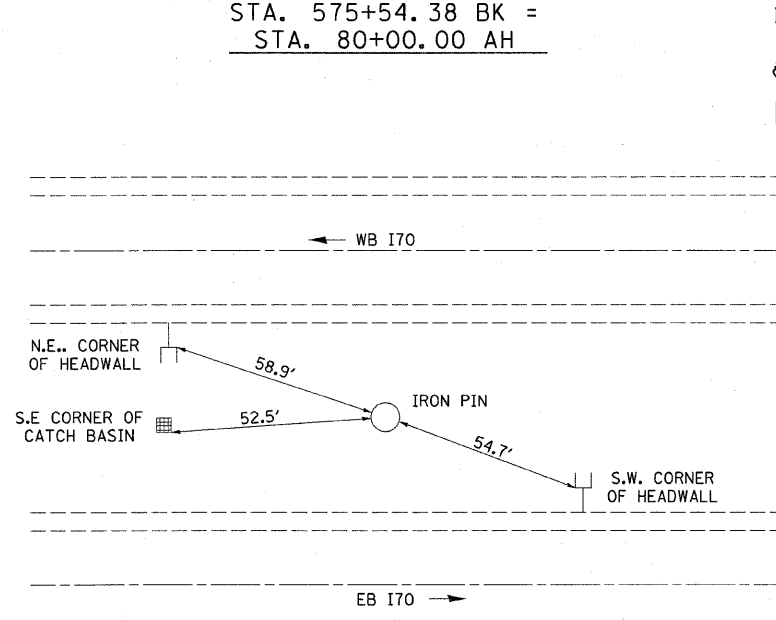
* QUANTITY FOR INFORMATION ONLY
INCLUDED IN COST OF SEEDING, CLASS 2 (SPECIAL)

DISK #306
STA. 565+96.02



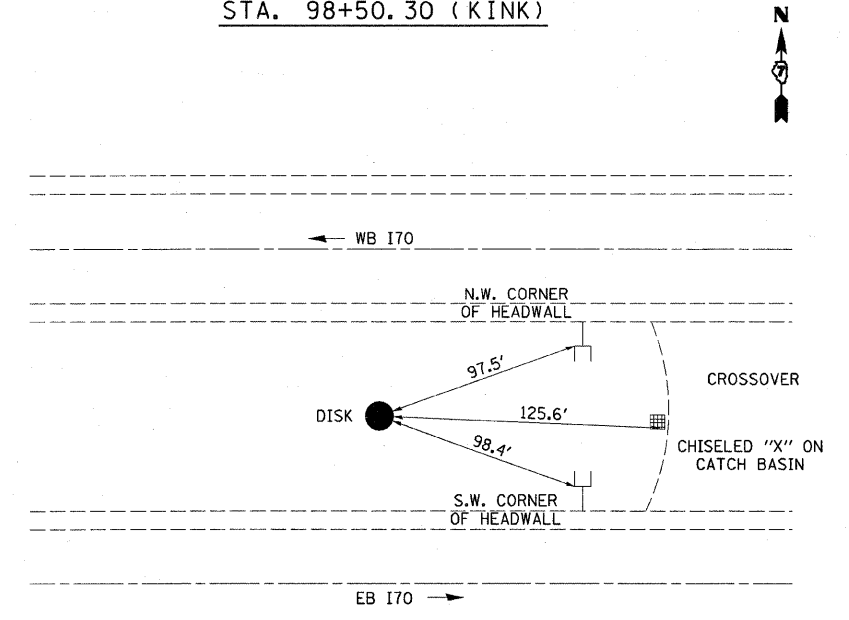
NOTE: NOT DRAWN TO SPECIFIC SCALE

STATION EQUATION:
STA. 575+54.38 BK =
STA. 80+00.00 AH



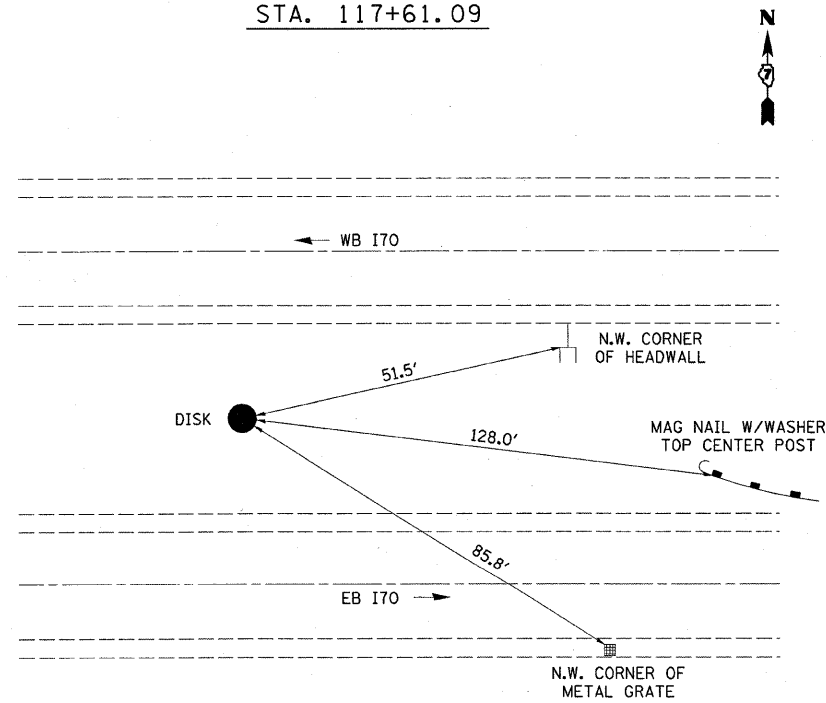
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DISK #305
STA. 98+50.30 (KINK)



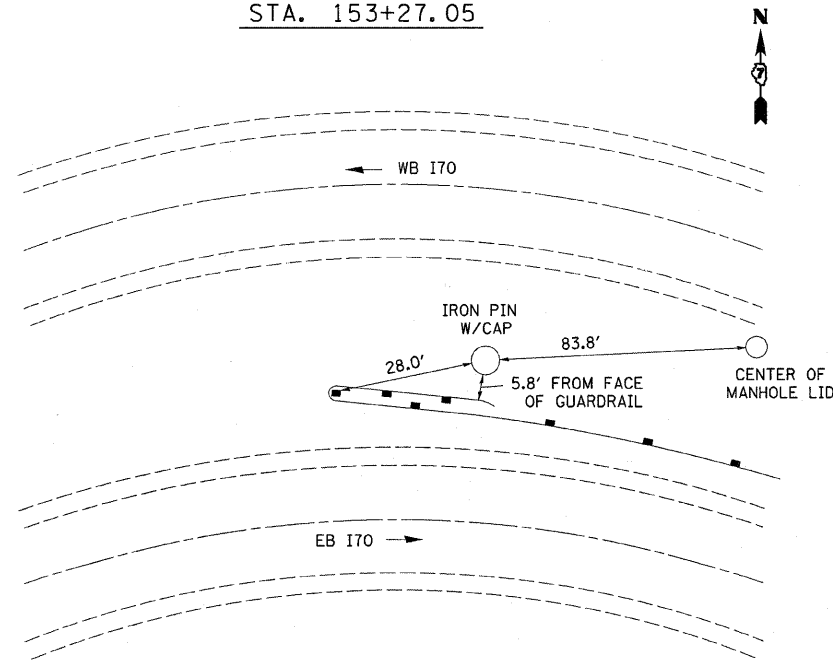
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DISK #304
STA. 117+61.09



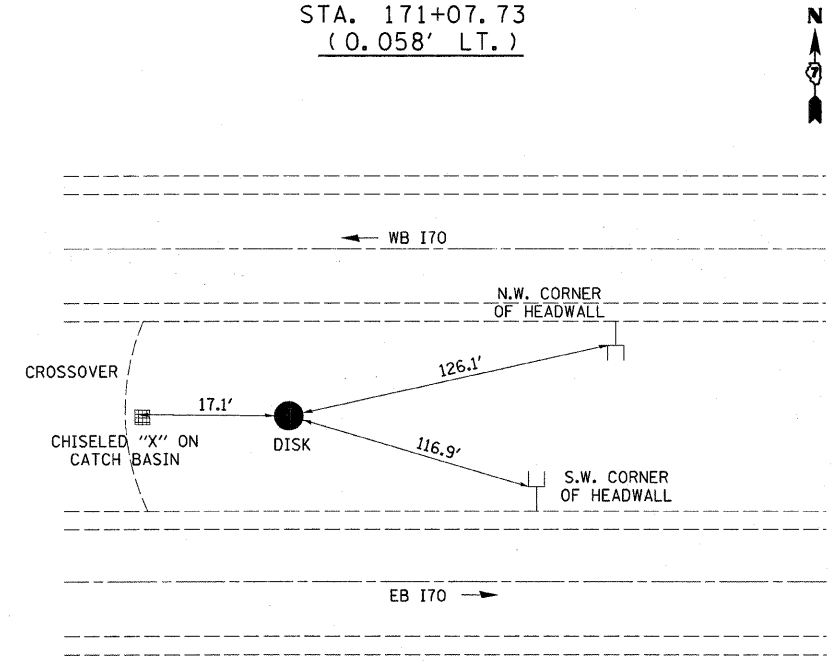
NOTE: NOT DRAWN TO SPECIFIC SCALE

P. T.
STA. 153+27.05



NOTE: NOT DRAWN TO SPECIFIC SCALE

DISK #303
STA. 171+07.73
(0.058' LT.)



NOTE: NOT DRAWN TO SPECIFIC SCALE

FILE NAME =
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USER NAME = swartzr
PLOT SCALE = 50.0000' / IN.
PLOT DATE = 1/31/2011

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

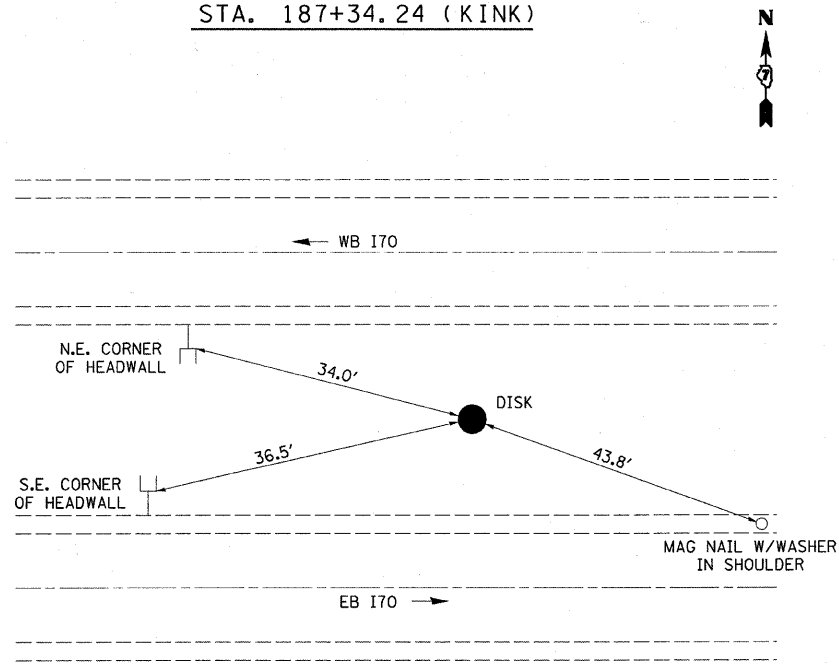
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TIE POINTS

SCALE: NA SHEET NO. 1 OF 3 SHEETS STA. TO STA.

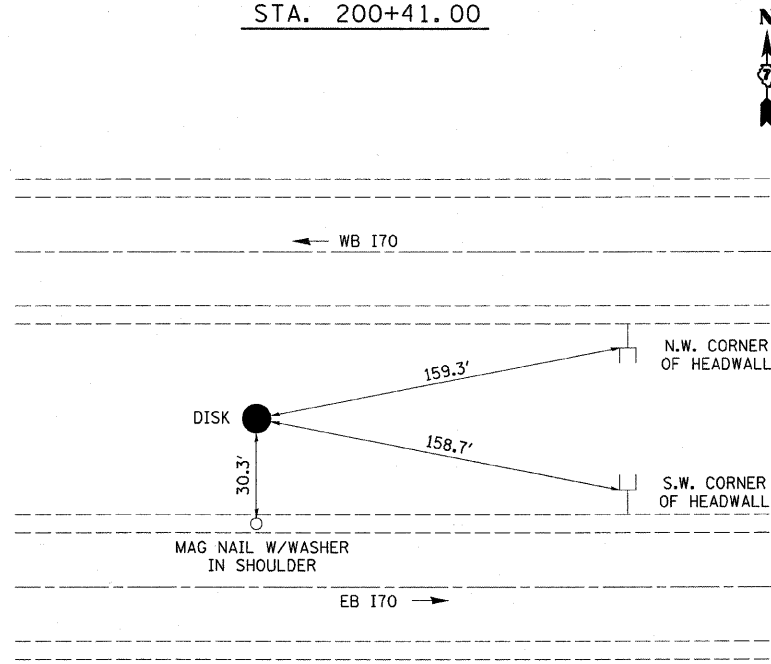
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(18-47)I	CUMBERLAND	47	7
CONTRACT NO. 74481				
ILLINOIS FED. AID PROJECT				

DISK #302
STA. 187+34.24 (KINK)



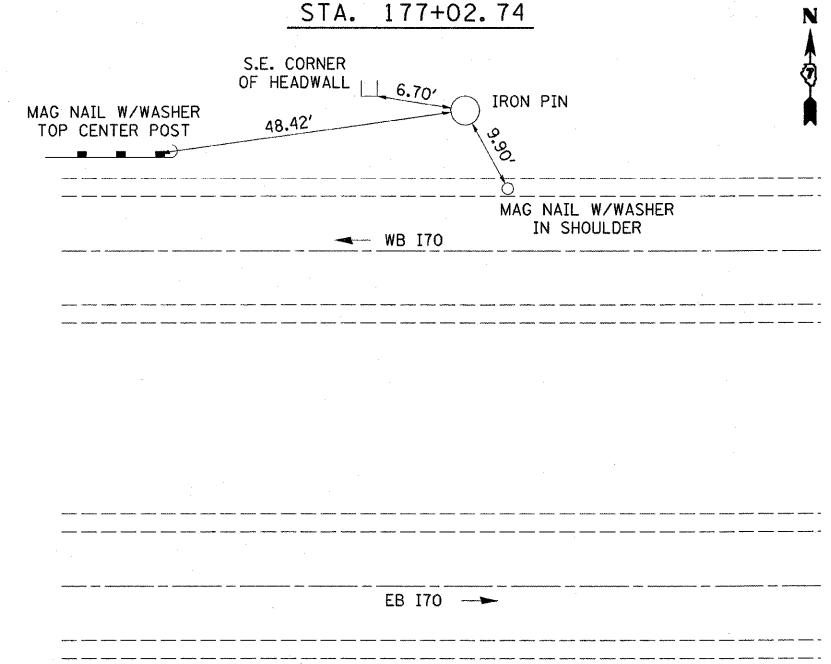
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DISK #301
STA. 200+41.00



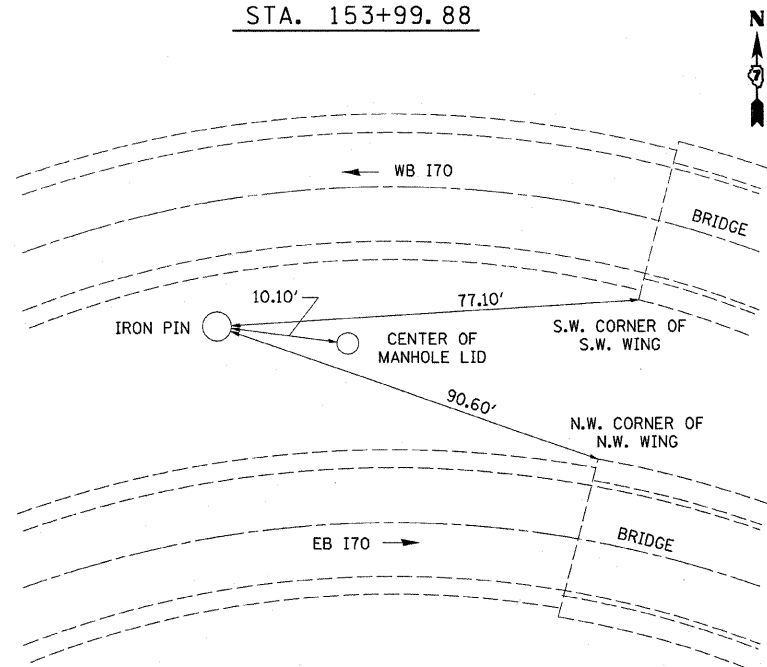
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TRAV. #100
STA. 177+02.74



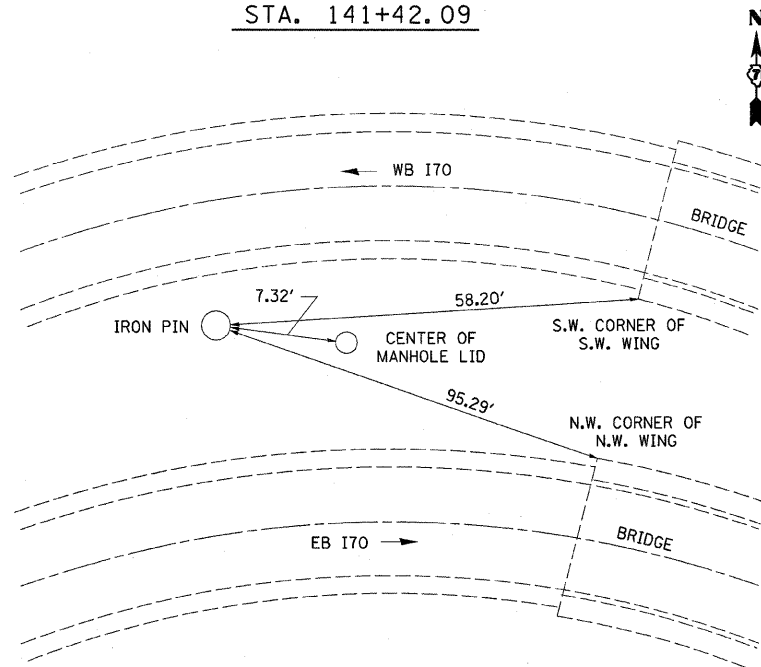
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TRAV. #101
STA. 153+99.88



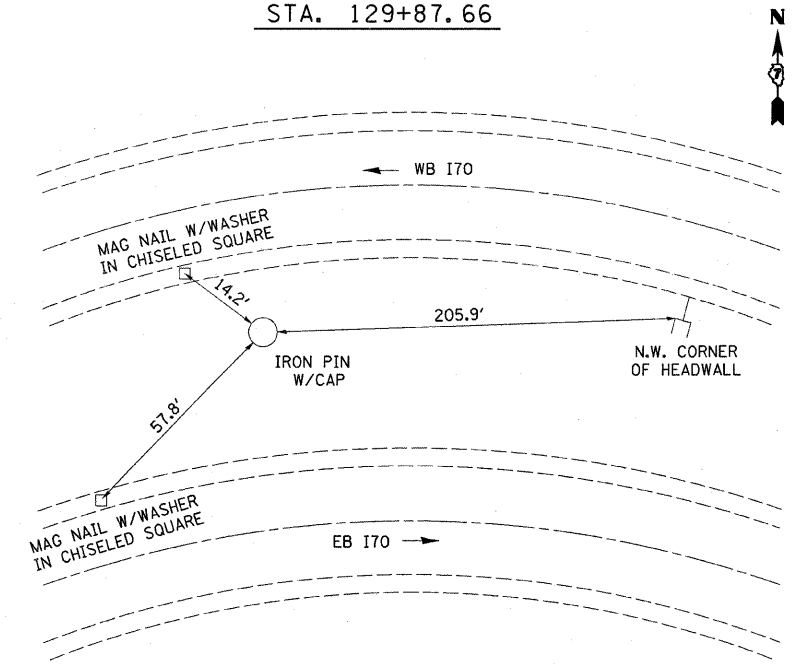
NOTE: NOT DRAWN TO SPECIFIC SCALE

TRAV. #102
STA. 141+42.09



NOTE: NOT DRAWN TO SPECIFIC SCALE

TRAV. #103
STA. 129+87.66

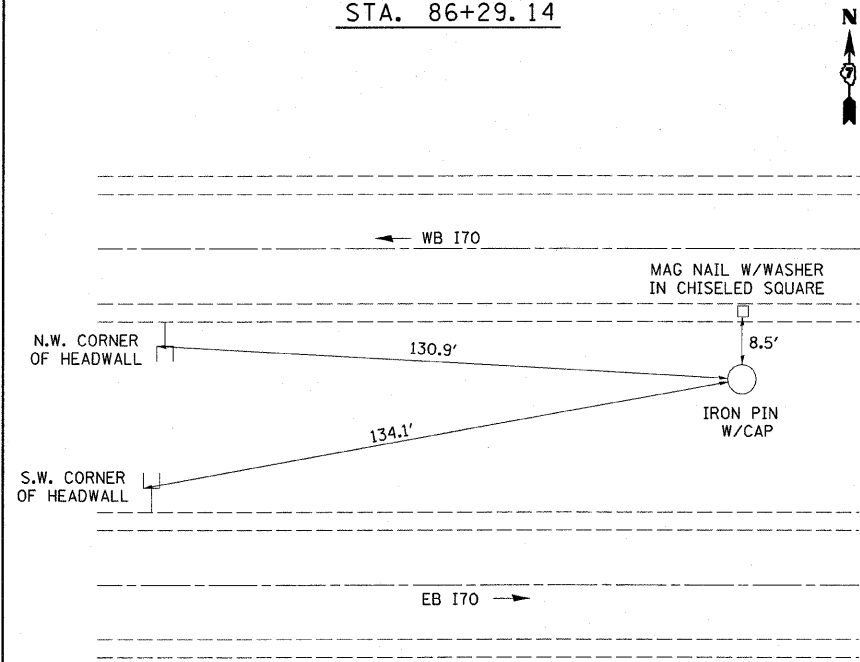


NOTE: NOT DRAWN TO SPECIFIC SCALE

FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TIE POINTS			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
cd:\pw\work\p\dot\swartzw\10207400\d77481-sht-details.dgn		DRAWN -	REVISED -		SCALE: NA	SHEET NO. 2 OF 3 SHEETS	STA.	TO STA.	70	(18-47)I	CUMBERLAND	47	8
PLOT SCALE = 50.0000' / 1" IN.		CHECKED -	REVISED -										
PLOT DATE = 1/31/2011		DATE -	REVISED -										

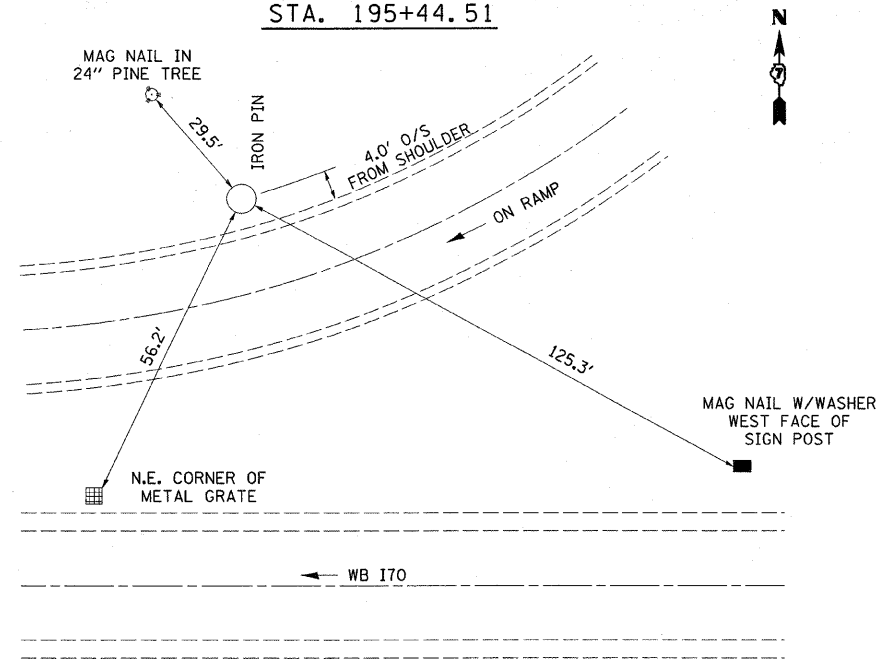
ILLINOIS FED. AID PROJECT
CONTRACT NO. 74481

TRAV. #104
STA. 86+29.14



NOTE: NOT DRAWN TO SPECIFIC SCALE

TRAV. #105
STA. 195+44.51



NOTE: NOT DRAWN TO SPECIFIC SCALE

BENCHMARKS

BENCHMARK	ELEVATION	DESCRIPTION
20	542.445	CHSL SQUARE SE WING ON WB BR OVER EMBARRASS
21	548.303	CHSL SQUARE SW WING ON WB BR OVER EMBARRASS
22	556.860	CHIS SQUARE SE WING ON WB BR OVER 121
23	557.532	CHIS SQUARE SW WING ON WB BR OVER 121
24	563.500	CHIS SQUARE SE WING ON WB BR OVER ABANDONED RR
25	563.349	CHIS SQUARE SW WING ON WB BR OVER ABANDONED RR

FILE NAME =
c:\p\work\p\dot\swartzw\d0207400\d77

USER NAME = swartzw
481-sh1-details.dgn
PLOT SCALE = 50.0000' / 1" IN.
PLOT DATE = 1/31/2011

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TIE POINTS

SCALE: NA SHEET NO. 3 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(18-47)I	CUMBERLAND	47	9
CONTRACT NO. 74481				
ILLINOIS FED. AID PROJECT				

WEST CROSS OVER ELEVATION AND OFFSET DATA

STATION	CL ELEVATION WESTBOUND	EDGE OF PAVEMENT WB ELEVATION	PROPOSED SHOULDER WB - ELEVATION	PROP. SHOULDER WB - WIDTH	PROPOSED PAVEMENT WB - WIDTH	EDGE OF PAVEMENT WB CROSSOVER	CL ELEVATION EASTBOUND	EDGE OF PAVEMENT EB ELEVATION	PROPOSED SHOULDER EB - ELEVATION	PROP. SHOULDER EB - WIDTH	PROPOSED PAVEMENT EB - WIDTH	EDGE OF PAVEMENT EB CROSSOVER	CL DITCH
573+00	589.53	589.33	589.09	6.00			589.49	589.31	589.07	6.00			
573+50	589.15	588.96	588.72	6.00			589.10	588.93	588.69	6.00			
574+00	588.80	588.60	588.36	6.00			588.75	588.57	588.33	6.00			
574+50	588.44	588.23	587.99	6.00			588.40	588.22	587.98	6.00			
575+00	587.57	587.84	587.60	6.00			588.02	587.82	587.58	6.00			
575+50	586.70	587.45	587.21	6.00	1.67	587.23	587.63	587.41	587.17	6.00	1.16	587.18	
80+50	587.24	587.04	586.80	6.00	4.59	586.85	587.22	587.01	586.77	6.00	4.16	586.82	584.33
81+00	586.85	586.67	586.43	6.00	7.78	586.51	586.85	586.66	586.42	6.00	7.48	586.49	584.45
81+50	586.49	586.30	586.06	6.00	11.13	586.17	586.46	586.27	586.03	6.00	11.11	586.14	584.57
82+00	586.13	585.92	585.68	6.00	15.02	585.84	586.08	585.88	585.64	6.00	15.24	585.80	584.69
82+50	585.72	585.54	585.30	6.00	19.91	585.51	585.70	585.52	585.28	6.00	19.91	585.49	584.81
83+00	585.32	585.16	584.92	6.00	25.24	585.18	585.32	585.16	584.91	6.00	25.09	585.18	584.93
83+50	584.96	584.76	584.52	6.00	28.88	584.84	584.97	584.80	584.56	6.00	28.96	584.84	
84+00	584.60	584.38	584.14	6.00	28.78	584.46	584.60	584.42	584.18	6.00	28.98	584.46	
84+50	584.23	584.01	583.77	6.00	28.70	584.07	584.19	584.00	583.76	6.00	29.02	584.07	
85+00	583.85	583.63	583.39	6.00	24.79	583.65	583.78	583.59	583.35	6.00	25.15	583.62	583.37
85+50	583.44	583.23	582.99	6.00	19.65	583.19	583.40	583.20	582.96	6.00	19.86	583.16	582.05
86+00	583.04	582.83	582.59	6.00	15.00	582.75	583.02	582.81	582.57	6.00	15.11	582.73	580.82
86+50	582.66	582.45	582.21	6.00	10.82	582.32	582.64	582.43	582.19	6.00	10.94	582.31	579.70
87+00	582.26	582.06	581.82	6.00	7.18	581.89	582.24	582.05	581.81	6.00	7.29	581.88	578.85
87+50	581.84	581.65	581.41	6.00	4.24	581.45	581.79	581.58	581.34	6.00	4.11	581.38	
88+00	581.40	581.21	580.97	6.00	1.69	580.99	581.32	581.11	580.67	6.00	1.40	580.88	
88+50	580.90	580.71	580.47	6.00			580.82	580.61	580.37	6.00			
89+00	580.40	580.20	579.96	6.00			580.32	580.11	579.87	6.00			
89+50	579.90	579.71	579.47	6.00			579.79	579.60	579.36	6.00			
90+00	579.41	579.23	578.99	6.00			579.27	579.09	578.85	6.00			
90+50	578.92	578.74	578.50	6.00			578.78	578.61	578.37	6.00			

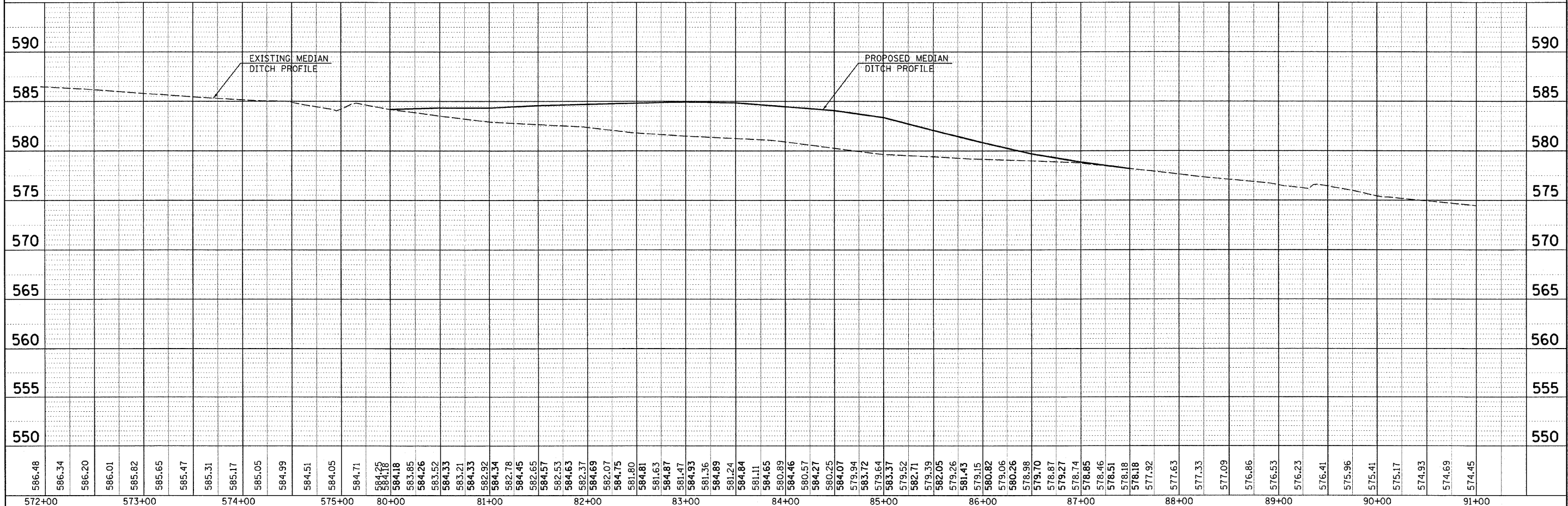
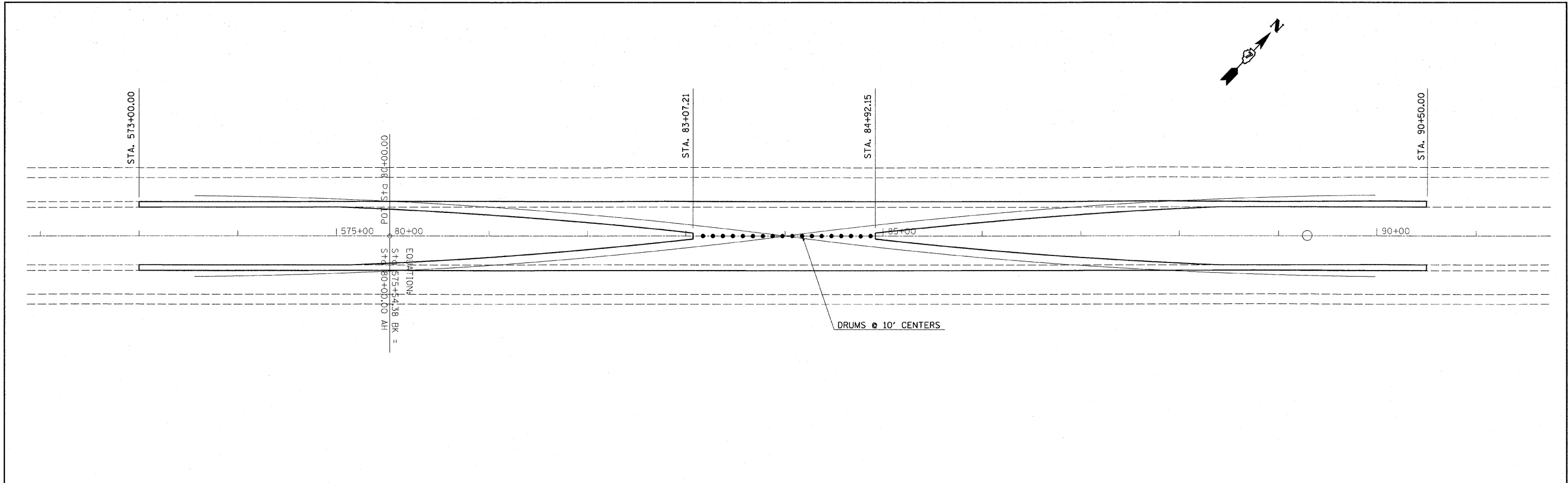
EAST CROSS OVER ELEVATION AND OFFSET DATA

STATION	CL ELEVATION WESTBOUND	EDGE OF PAVEMENT WB ELEVATION	PROPOSED SHOULDER WB - ELEVATION	PROP. SHOULDER WB - WIDTH	PROPOSED PAVEMENT WB - WIDTH	EDGE OF PAVEMENT WB CROSSOVER	CL ELEVATION EASTBOUND	EDGE OF PAVEMENT EB ELEVATION	PROPOSED SHOULDER EB - ELEVATION	PROP. SHOULDER EB - WIDTH	PROPOSED PAVEMENT EB - WIDTH	EDGE OF PAVEMENT EB CROSSOVER	CL DITCH
169+00	548.00	548.09	547.85	6.00			548.46	548.22	547.98	6.00			
169+50	548.76	549.11	548.87	6.00			549.41	549.17	548.93	6.00			
170+00	550.17	550.13	549.89	6.00			550.46	550.22	549.98	6.00			
170+50	551.35	551.14	550.90	6.00			551.46	551.22	550.98	6.00			
171+00	552.36	552.12	551.88	6.00	1.25	551.89	552.38	552.15	551.91	6.00	1.53	551.93	
171+50	553.37	553.13	552.89	6.00	3.79	552.93	553.39	553.17	552.93	6.00	4.12	552.97	549.23
172+00	554.44	554.20	553.96	6.00	6.83	554.03	554.57	554.37	554.13	6.00	7.21	554.21	550.93
172+50	555.48	555.25	555.01	6.00	10.57	555.12	555.64	555.44	555.20	6.00	10.85	555.32	554.55
173+00	556.50	556.28	556.04	6.00	15.08	556.20	556.60	556.40	556.16	6.00	15.05	556.32	555.50
173+50	557.51	557.29	557.05	6.00	19.87	557.26	557.61	557.41	557.17	6.00	19.75	557.37	556.20
174+00	558.50	558.28	558.04	6.00	24.78	558.30	558.68	558.48	558.24	6.00	24.95	558.50	558.14
174+50	559.49	559.28	559.04	6.00	28.48	559.45	559.71	559.50	559.26	6.00	28.72	559.45	
175+00	560.49	560.30	560.06	6.00	28.46	560.45	560.69	560.48	560.24	6.00	28.70	560.45	
175+50	561.48	561.29	561.05	6.00	28.44	561.43	561.67	561.45	561.21	6.00	28.67	561.43	
176+00	562.49	562.26	562.03	6.00	24.59	562.27	562.66	562.43	562.19	6.00	24.84	562.45	562.11
176+50	563.46	563.22	562.98	6.00	19.43	563.18	563.65	563.42	563.18	6.00	19.67	563.39	562.42
177+00	564.42	564.18	563.94	6.00	14.82	564.10	564.63	564.42	564.18	6.00	15.02	564.33	562.82
177+50	565.39	565.15	564.91	6.00	10.79	565.03	565.61	565.39	565.15	6.00	10.93	565.26	563.21
178+00	566.36	566.12	565.88	6.00	7.28	565.96	566.59	566.35	566.11	6.00	7.35	566.19	563.60
178+50	567.29	567.08	566.84	6.00	4.05	566.88	567.54	567.31	567.07	6.00	4.15	567.11	563.99
179+00	568.23	568.04	567.80	6.00	1.32	567.81	568.50	568.26	568.02	6.00	1.45	568.03	563.76
179+50	569.17	568.96	568.72	6.00			569.39	569.17	568.93	6.00			
180+00	570.11	569.87	569.63	6.00			570.27	570.08	569.84	6.00			
180+50	570.94	570.69	570.45	6.00			571.13	570.94	570.70	6.00			
181+00	571.76	571.50	571.26	6.00			571.98	571.80	571.56	6.00			
181+50	572.55	572.30	572.06	6.00			572.76	572.57	572.33	6.00			

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	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -										
	PLOT DATE = 1/31/2011	DATE -	REVISED -										
											ILLINOIS FED. AID PROJECT		

PLAN	DESIGNED	BY	DATE
NOTE BOOK	ALIGNED CHECKED		
NO.	DATE		

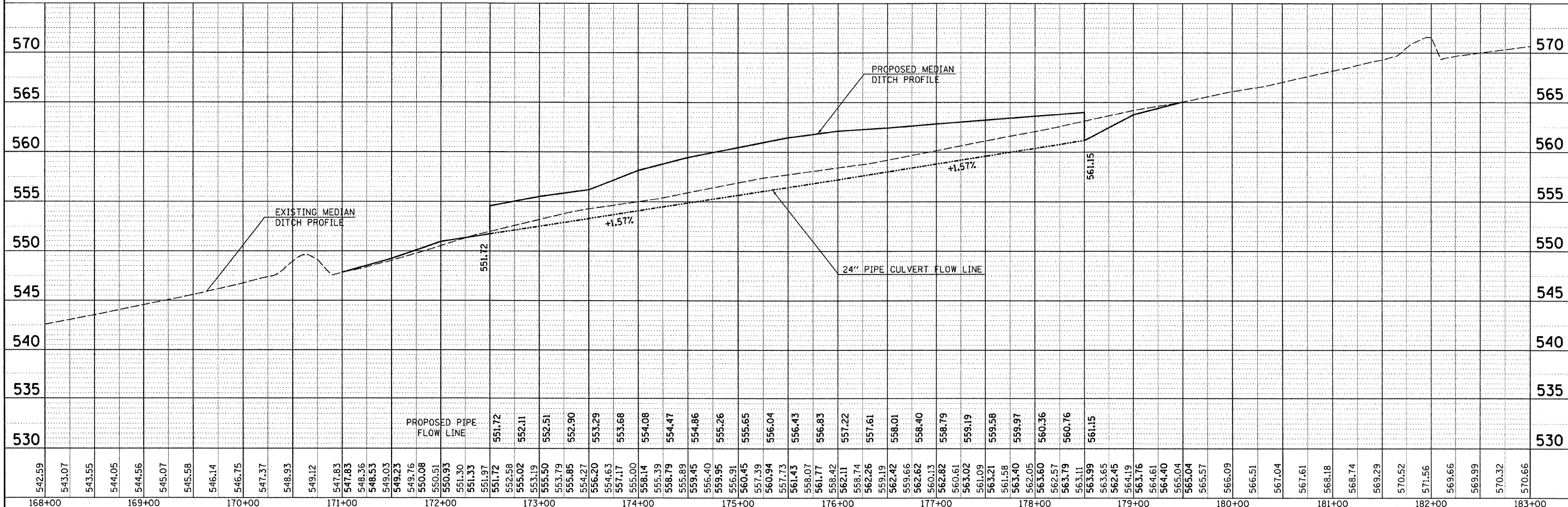
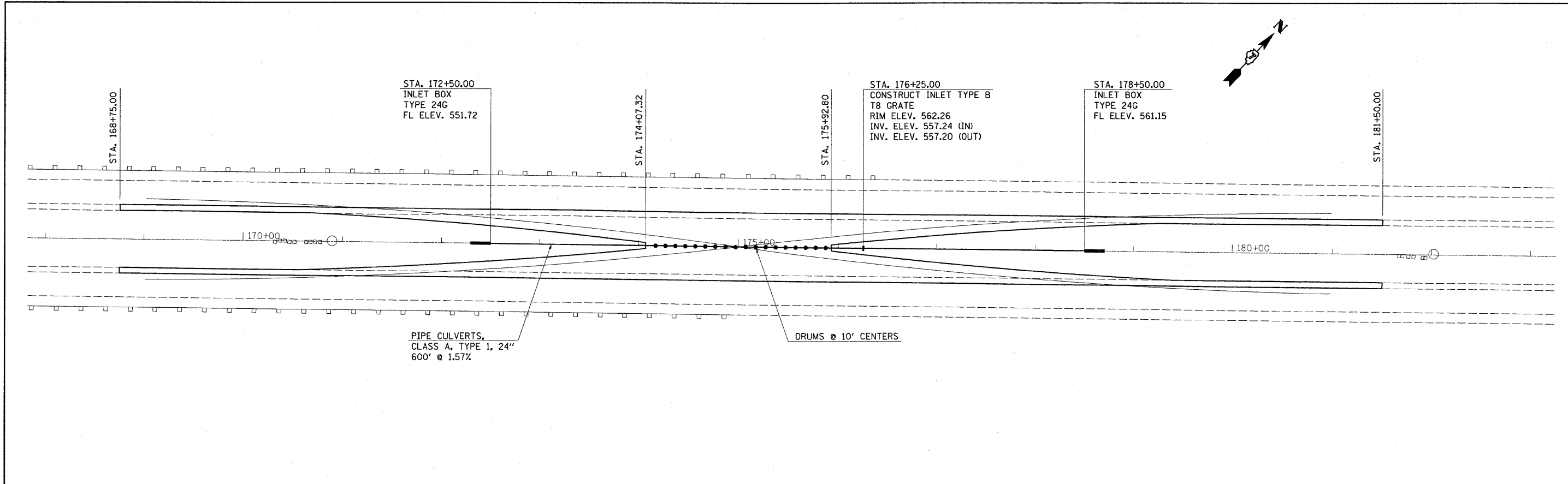
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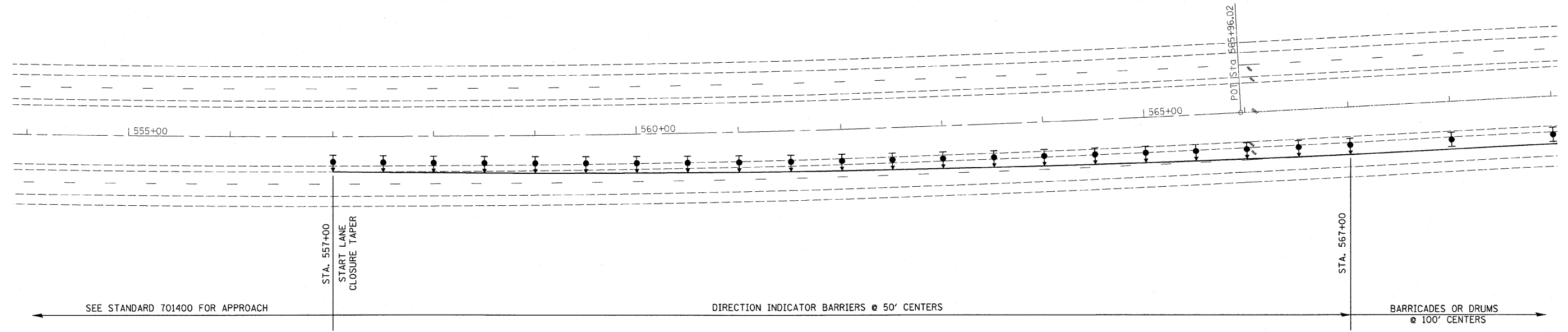
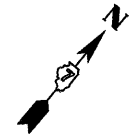
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PLOT SCALE = 50,0000' / IN.		CHECKED -	REVISED -		SCALE: 50			SHEET NO. 1 OF 2 SHEETS			STA. 572+00	TO STA. 91+00	ILLINOIS FED. AID PROJECT
PLOT DATE = 1/31/2011		DATE -	REVISED -										

DATE	
BY	
SURVEYED	
ALIGNED	
NOTED	
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BY	
DATE	
PLAN	
NOTE BOOK	
NO.	

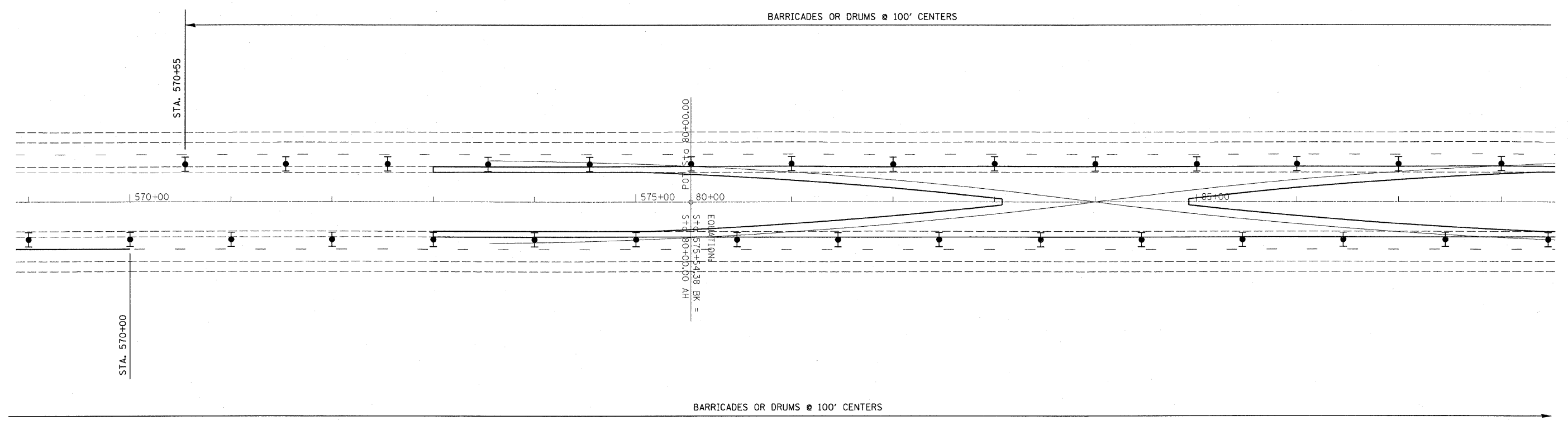
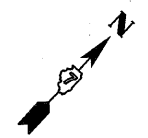
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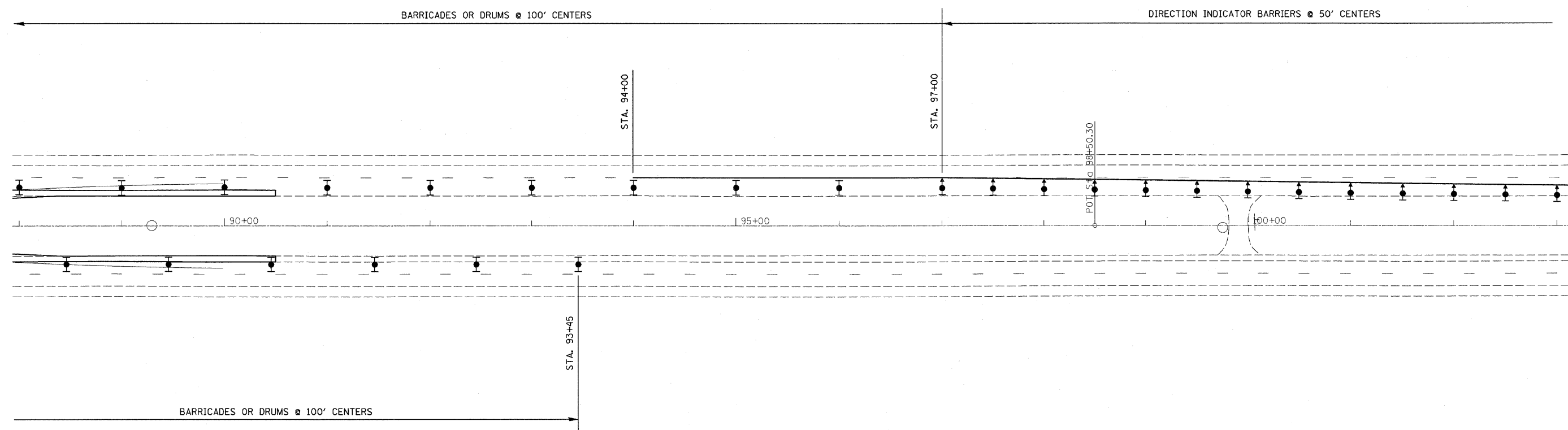
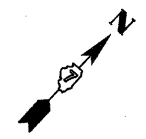
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PLOT DATE = 1/31/2011		DATE -	REVISED -		STA. 168+00 TO STA. 183+00		ILLINOIS FED. AID PROJECT				



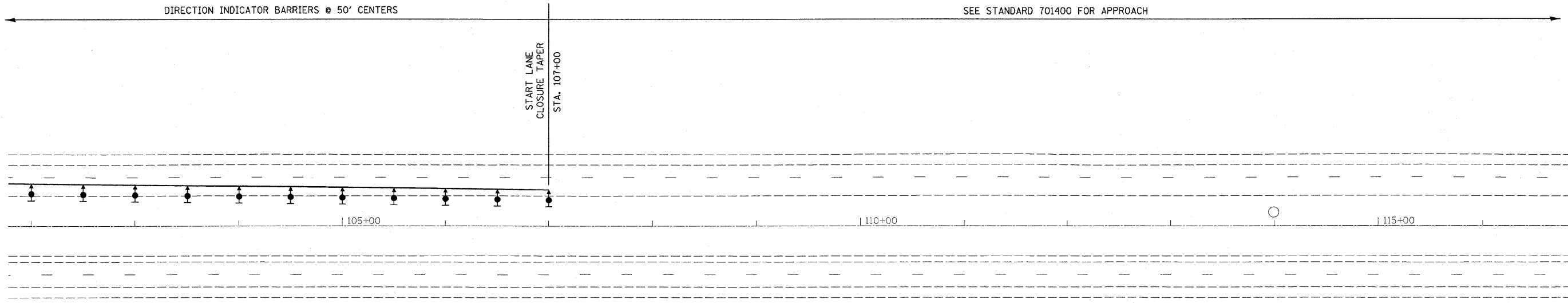
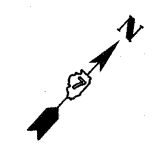
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	PLOT DATE = 1/31/2011	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



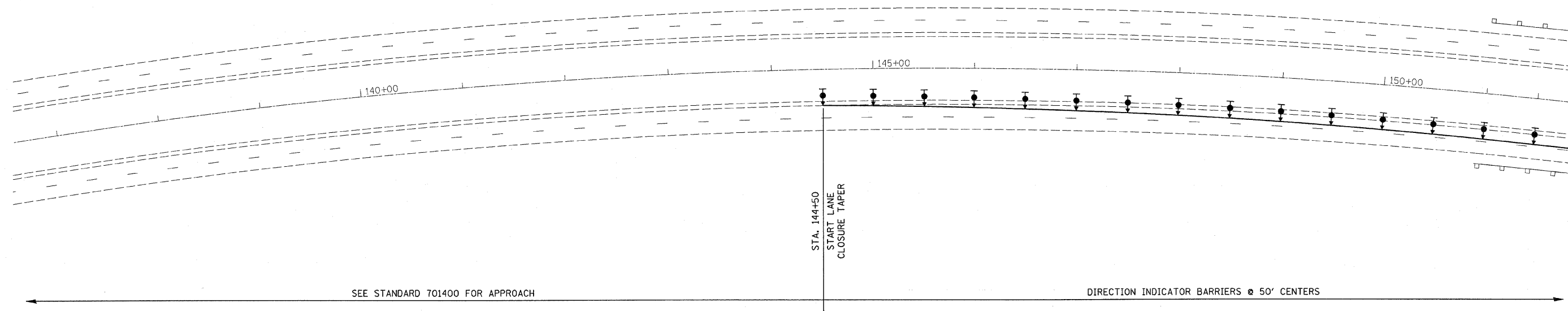
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ILLINOIS FED. AID PROJECT													



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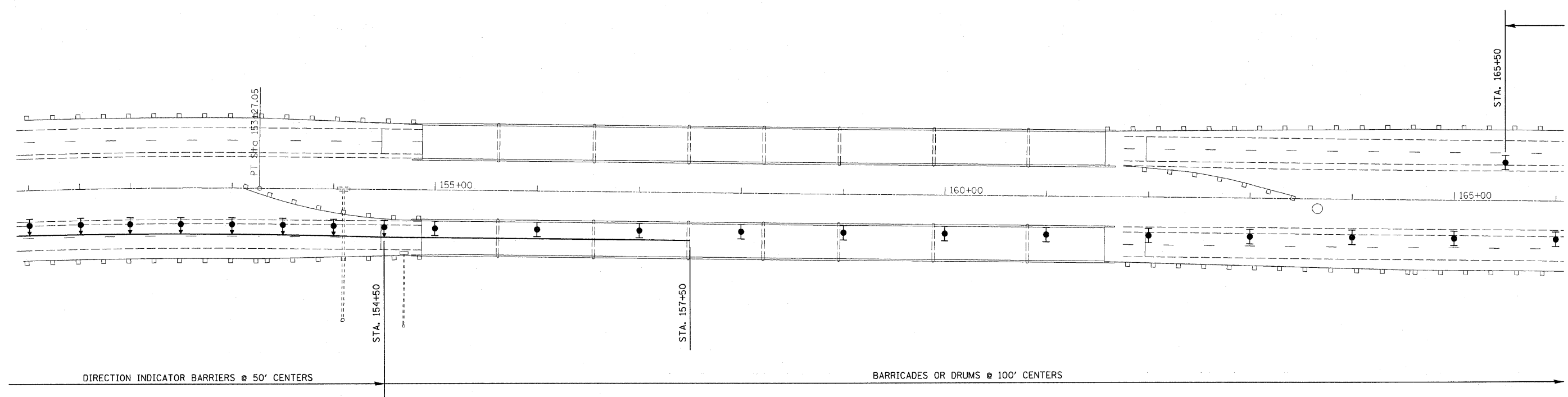


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	PLOT DATE = 1/31/2011	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				
				SCALE: 50	SHEET NO. 4 OF 9 SHEETS	STA. 102+00	TO STA. 116+00					



EXIST. CURVE CUR1
 PI STA. = 136+03.91
 Δ = 35° 39' 03" (RT)
 D = 0° 59' 59"
 R = 5,730.98'
 T = 1,842.82'
 L = 3,565.95'
 E = 289.00'
 θ = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 117+61.09
 P.T. STA. = 153+27.05

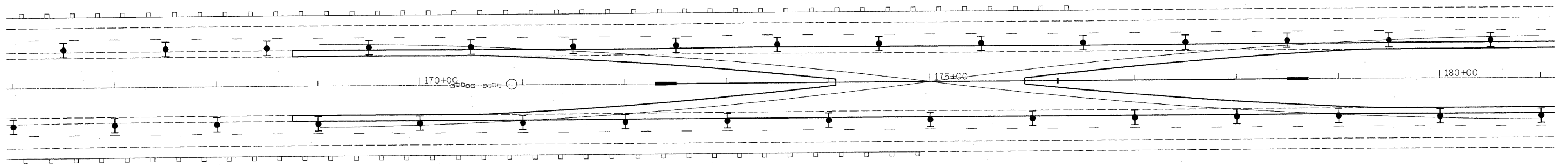
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		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



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PLOT DATE = 1/31/2011	DATE -	REVISED -			ILLINOIS FED. AID PROJECT							
CONTRACT NO. 74481												

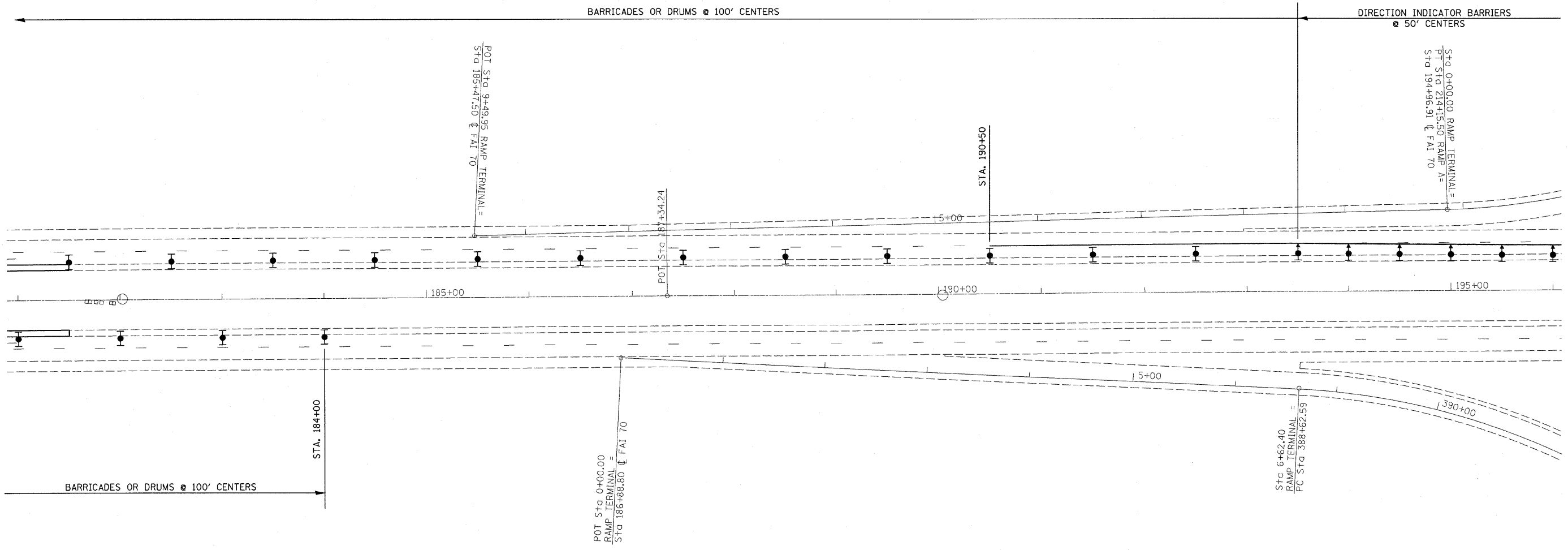


BARRICADES OR DRUMS @ 100' CENTERS

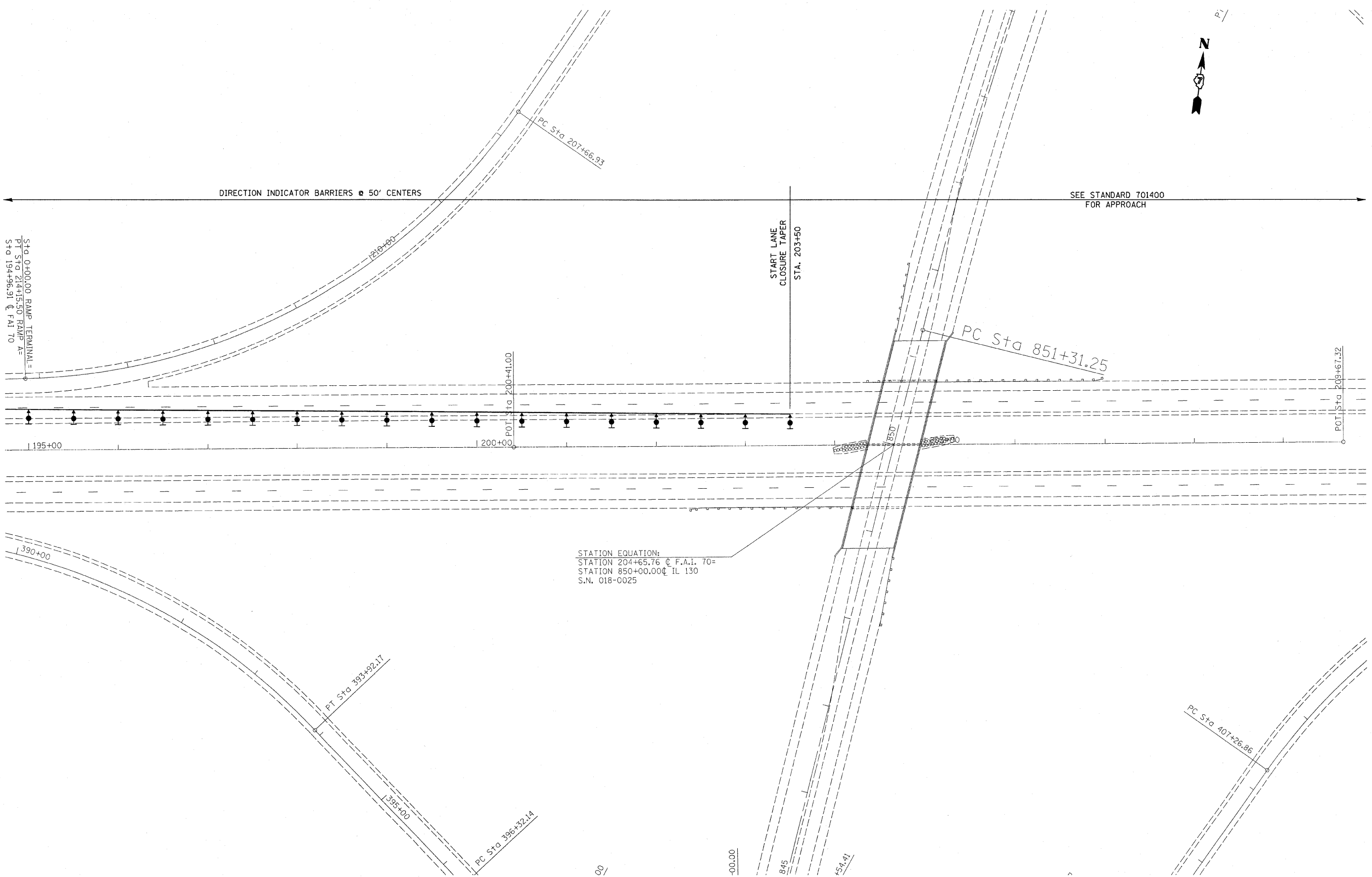


BARRICADES OR DRUMS @ 100' CENTERS

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	PLOT DATE = 1/31/2011	DATE -	REVISED -					CONTRACT NO. 74481				
								ILLINOIS FED. AID PROJECT				
				SCALE: 50	SHEET NO. 8 OF 9 SHEETS	STA. 181+00 TO STA. 196+00						



STATION EQUATION:
 STATION 204+65.76 @ F.A.I. 70=
 STATION 850+00.00 @ IL 130
 S.N. 018-0025

FILE NAME =
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USER NAME = swartzw
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 PLOT DATE = 1/31/2011

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

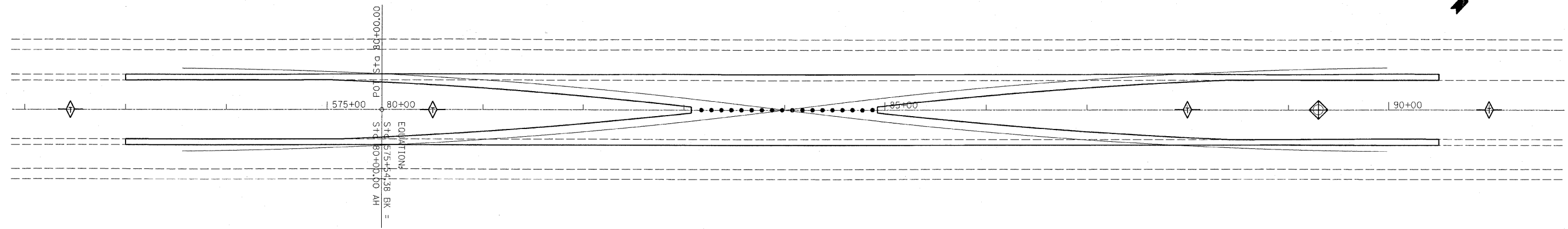
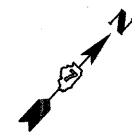
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TRAFFIC CONTROL

SCALE: 50 SHEET NO. 9 OF 9 SHEETS STA. 195+00 TO STA. 209+67.32

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(18-47)I	CUMBERLAND	47	22
CONTRACT NO. 74481				
ILLINOIS FED. AID PROJECT				



EROSION CONTROL GENERAL NOTES

EROSION CONTROL MEASURES AT THE START OF CONSTRUCTION:

1. THE AREAS OF EXCAVATION AND EMBANKMENT PLACEMENT SHALL BE MANAGED FOR THE PURPOSES OF CONTROLLING EROSION WITHIN THE IMPROVEMENT AREA, REDUCING WATER FLOW BY TEMPORARY DIVERSION, MINIMIZING SILTATION AT THE RIGHT-OF-WAY LINE, AND ESTABLISHING VEGETATIVE COVER WHICH WILL BECOME PERMANENT VEGETATION AND ACT AS AN EROSION CONTROL BARRIER. WORK AT THE START OF CONSTRUCTION SHALL CONSIST OF THE FOLLOWING:
 - (a) AREAS OF EXISTING VEGETATION (WOODS AND GRASSLANDS) OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE IDENTIFIED FOR PRESERVING AND SHALL BE PROTECTED FROM MOWING, BRUSH CUTTING, TREE REMOVAL, AND OTHER ACTIVITIES THAT WOULD BE DETRIMENTAL TO THEIR MAINTENANCE AND DEVELOPMENT.
 - (b) DEAD, DISEASED, OR UNSUITABLE VEGETATION WITHIN THE SITE SHALL BE REMOVED AS DIRECTED BY THE ENGINEER.
 - (c) BARE AND SPARSELY VEGETATED GROUND IN HIGHLY ERODIBLE AREAS AS DETERMINED BY THE ENGINEER SHALL BE TEMPORARILY SEEDED AT THE START OF CONSTRUCTION WHEN NO CONSTRUCTION ACTIVITIES ARE EXPECTED WITHIN SEVEN CALENDAR DAYS.

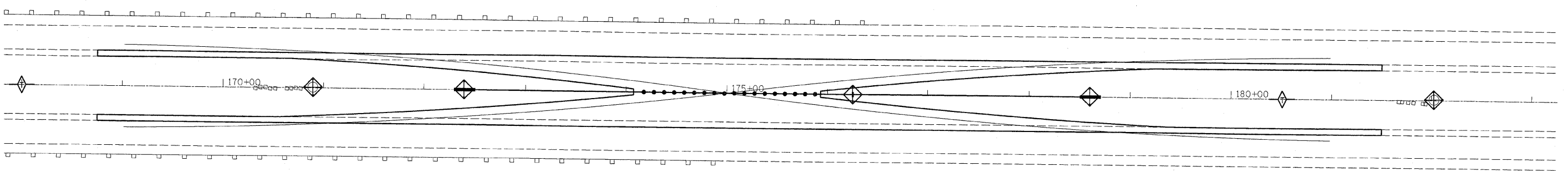
EROSION CONTROL MEASURES DURING CONSTRUCTION:

1. DURING CONSTRUCTION, AREAS OUTSIDE THE CONSTRUCTION LIMITS AS OUTLINED PREVIOUSLY HEREIN SHALL BE PROTECTED FROM DAMAGING EFFECTS OF CONSTRUCTION. THE CONTRACTOR SHALL NOT USE THIS AREA FOR PARKING OF VEHICLES OR CONSTRUCTION EQUIPMENT, STORAGE OF MATERIALS, OR OTHER CONSTRUCTION RELATED ACTIVITIES.
 - (a) WITHIN THE CONSTRUCTION ZONE, CRITICAL AREAS WHICH HAVE A HIGH FLOW OF WATER, AS DETERMINED BY THE ENGINEER, SHALL REMAIN UNDISTURBED UNTIL CONTINUOUS OPERATIONS CAN ENSURE TIMELY COMPLETION OF WORK IN THESE AREAS TO MINIMIZE SOIL EROSION.
 - (b) EARTH STOCKPILES SHALL BE TEMPORARILY SEEDED IF THEY ARE TO REMAIN UNUSED FOR MORE THAN FOURTEEN CALENDAR DAYS.

EROSION CONTROL MEASURES AFTER FINAL GRADING:

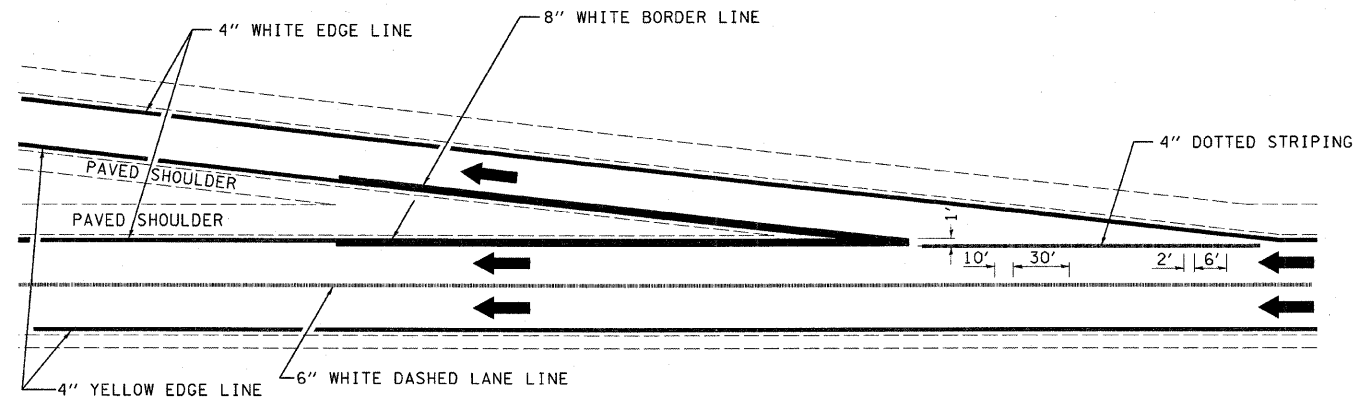
1. EXCAVATION AND EMBANKMENT AREAS SHALL BE PERMANENTLY SEEDED WHEN FINAL GRADED.
 - (a) TEMPORARY EROSION CONTROL SYSTEMS SHALL REMAIN IN PLACE WITH PROPER MAINTENANCE UNTIL PERMANENT EROSION CONTROL IS IN PLACE AND WORKING PROPERLY WITH ALL PROPOSED TURF AREAS SEEDED AND A PROPER STAND ESTABLISHED.

EROSION CONTROL SCHEDULE	STATION TO STATION	TEMPORARY DITCH CHECKS	INLET AND PIPE PROTECTION
		EACH	EACH
WEST CROSSOVER			
	573+00.00 TO 90+50.00	4.0	1.0
EAST CROSSOVER			
	168+75.00 TO 178+50.00	2.0	5.0
	TOTALS	6.0	6.0

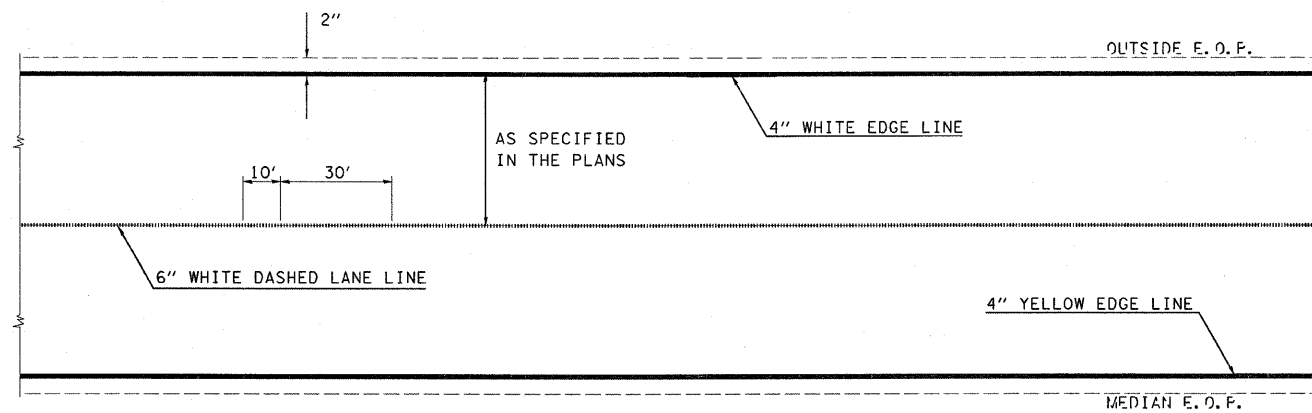


LEGEND

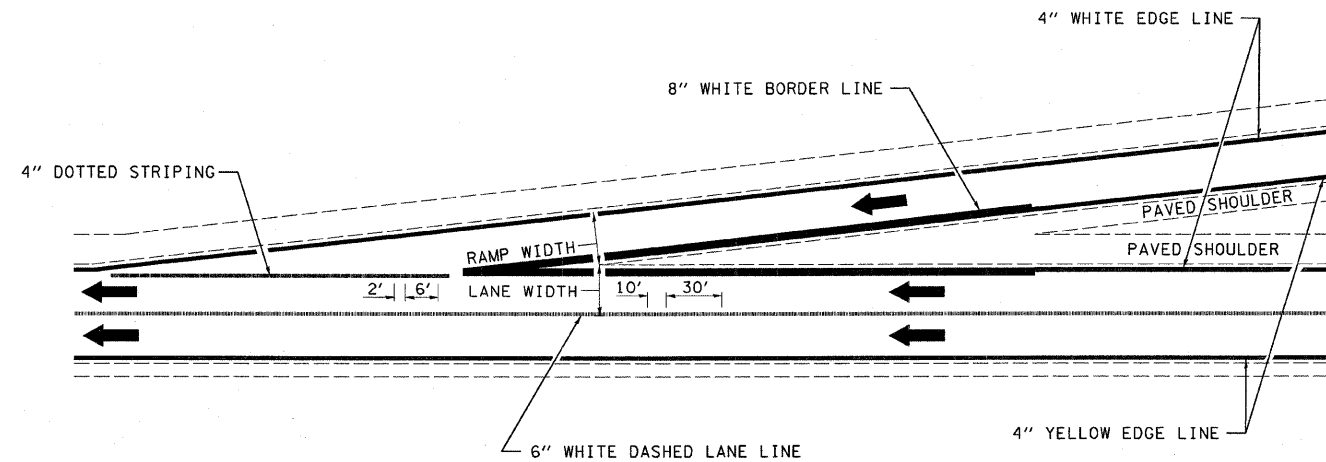
- TEMPORARY DITCH CHECKS
- INLET AND PIPE PROTECTION



TYPICAL EXIT RAMP MARKING



TYPICAL CENTERLINE & EDGELINE MARKINGS

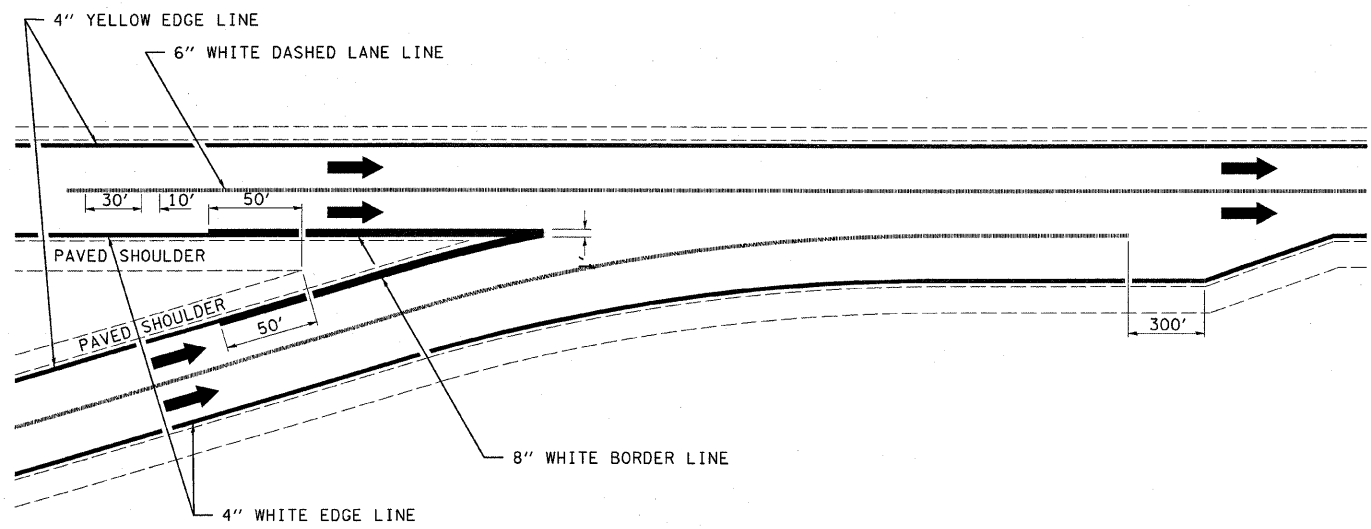


TYPICAL ENTRANCE RAMP MARKING

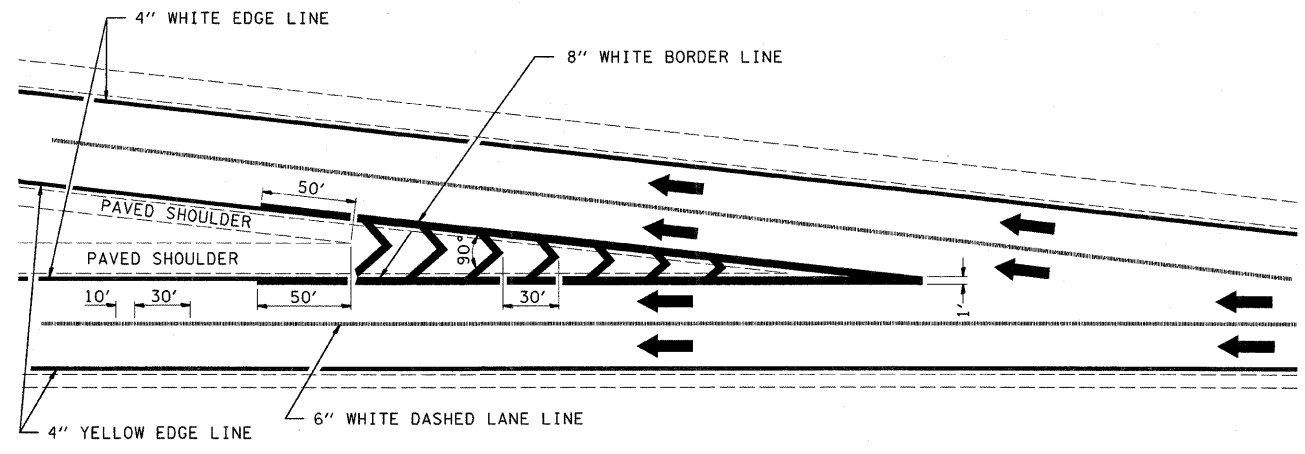
NOT TO SCALE

DISTRICT 7 DETAIL NO. 7800002

FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED - DRM 08-04	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL APPLICATIONS OF INTERSTATE PAVEMENT MARKING			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwwork\pvidot\swartzw\d8287420\d77	#81-shr-details.dgn	DRAWN -	REVISED - MKS 04-08					70	(18-47)	CUMBERLAND	47	24
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	PLOT DATE = 1/31/2011	DATE -	REVISED - DRM 12-10		SCALE: NA	SHEET NO. 1 OF 2 SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

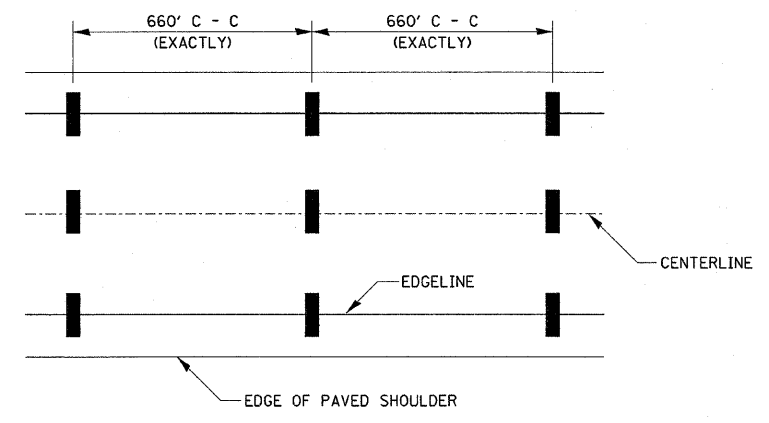


TYPICAL CONVERGENCE MARKING

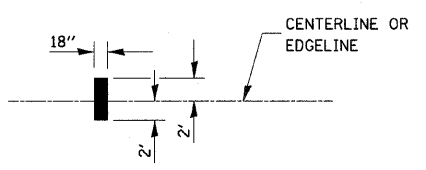


TYPICAL DIVERGENCE MARKING

AERIAL SPEED CHECK ZONES



IT WILL BE NECESSARY TO HAVE A REPRESENTATIVE OF THE STATE POLICE PRESENT SO THAT THE ACCURACY OF MEASUREMENT CAN BE ATTESTED TO IN COURT.



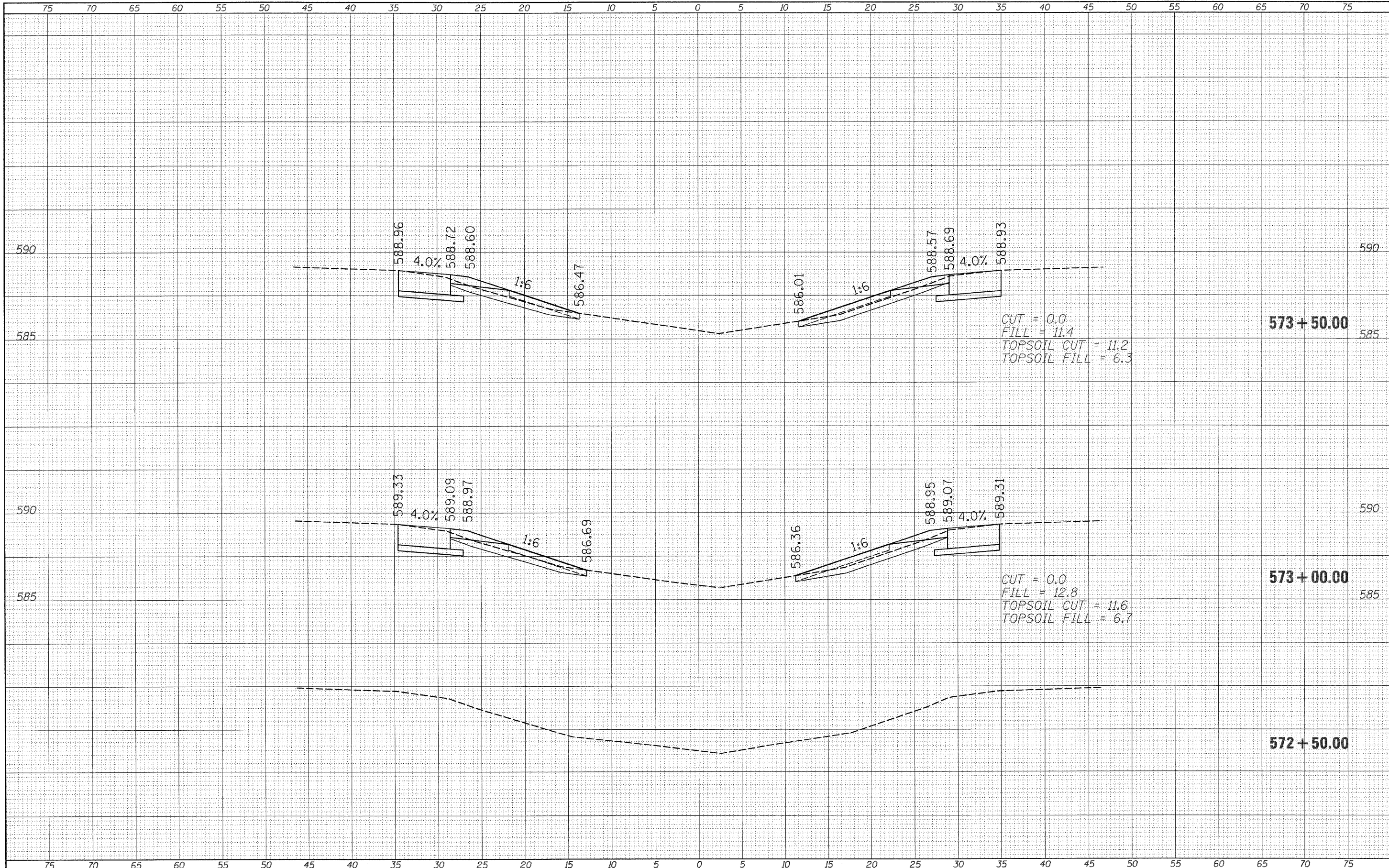
NOT TO SCALE

FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL APPLICATIONS OF INTERSTATE PAVEMENT MARKING			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\pwork\swartzw\d2287400\d77	481-shd-details.dgn	DRAWN -	REVISED -					70	(18-47)I	CUMBERLAND	47	25
	PLOT SCALE = 50,0000' / IN.	CHECKED -	REVISED -		CONTRACT NO. 74481							
	PLOT DATE = 1/31/2011	DATE -	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
					SCALE: NA	SHEET NO. 2 OF 2 SHEETS	STA.	TO STA.				

DISTRICT 7 DETAIL NO. 7800002

DATE _____
 BY _____
 FINISHED SURVEYED PLOTTED
 NO. _____ AREAS CHECKED _____

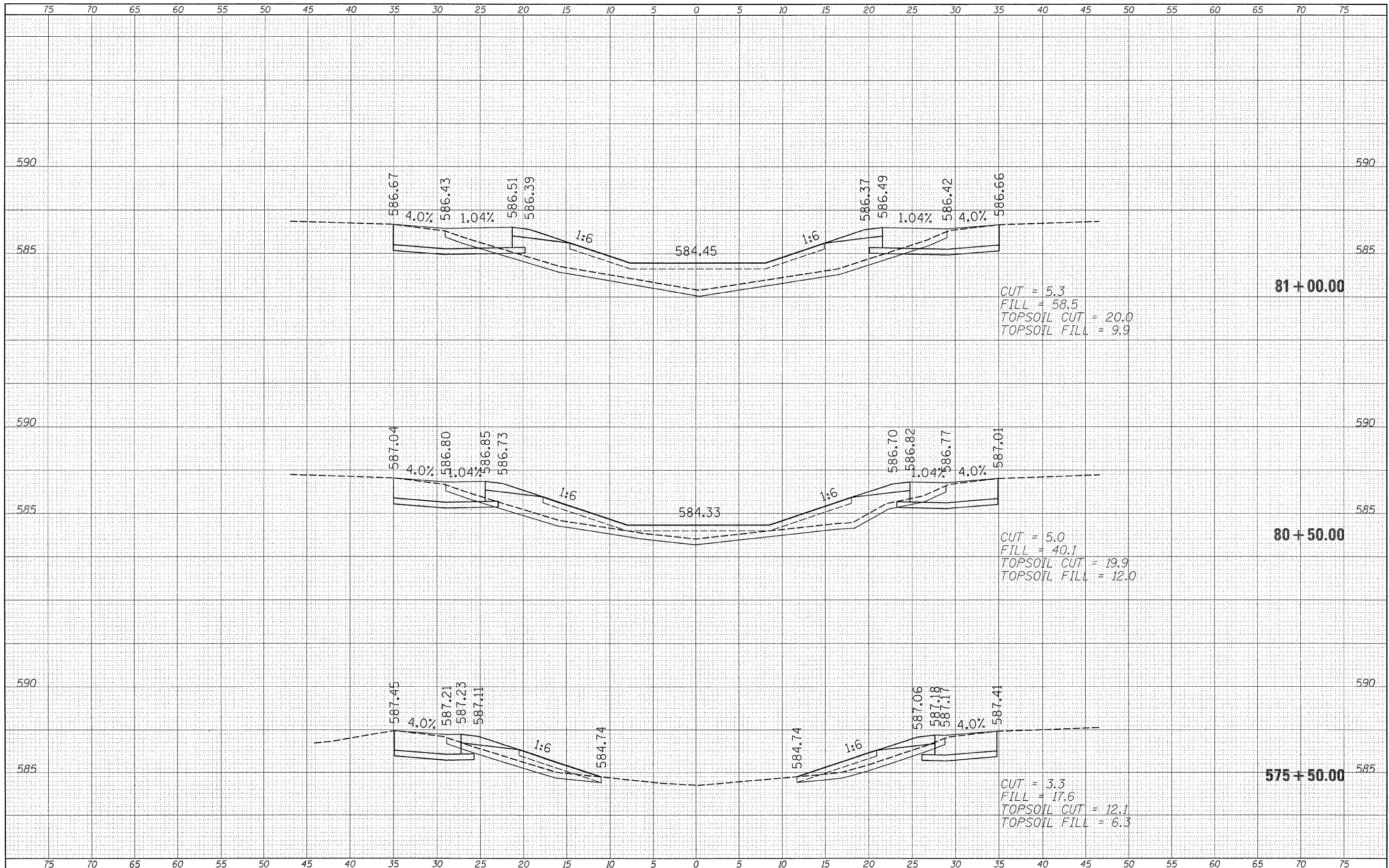
DATE _____
 BY _____
 ORIGINAL SURVEY PLOTTED
 NO. _____ AREAS CHECKED _____



FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS WEST CROSSOVER		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pw_work\p\ridot\swartzw\18207383\0774481-sh\ssht.dgn		DRAWN -	REVISED -		SCALE: 5	SHEET NO. 1 OF 22 SHEETS	70	(18-47)I	CUMBERLAND	47	26
PLOT SCALE = 5.00008' / IN.		CHECKED -	REVISED -		STA. 572+50.00 TO STA. 573+50.00			CONTRACT NO. 74481			
PLOT DATE = 1/31/2011		DATE -	REVISED -		ILLINOIS FED. AID PROJECT						

DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
AREAS CHECKED	
NO.	



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 xash.tdgn
 PLOT SCALE = 5.8008' / IN.
 PLOT DATE = 1/31/2011

DESIGNED -
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 DATE -

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 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

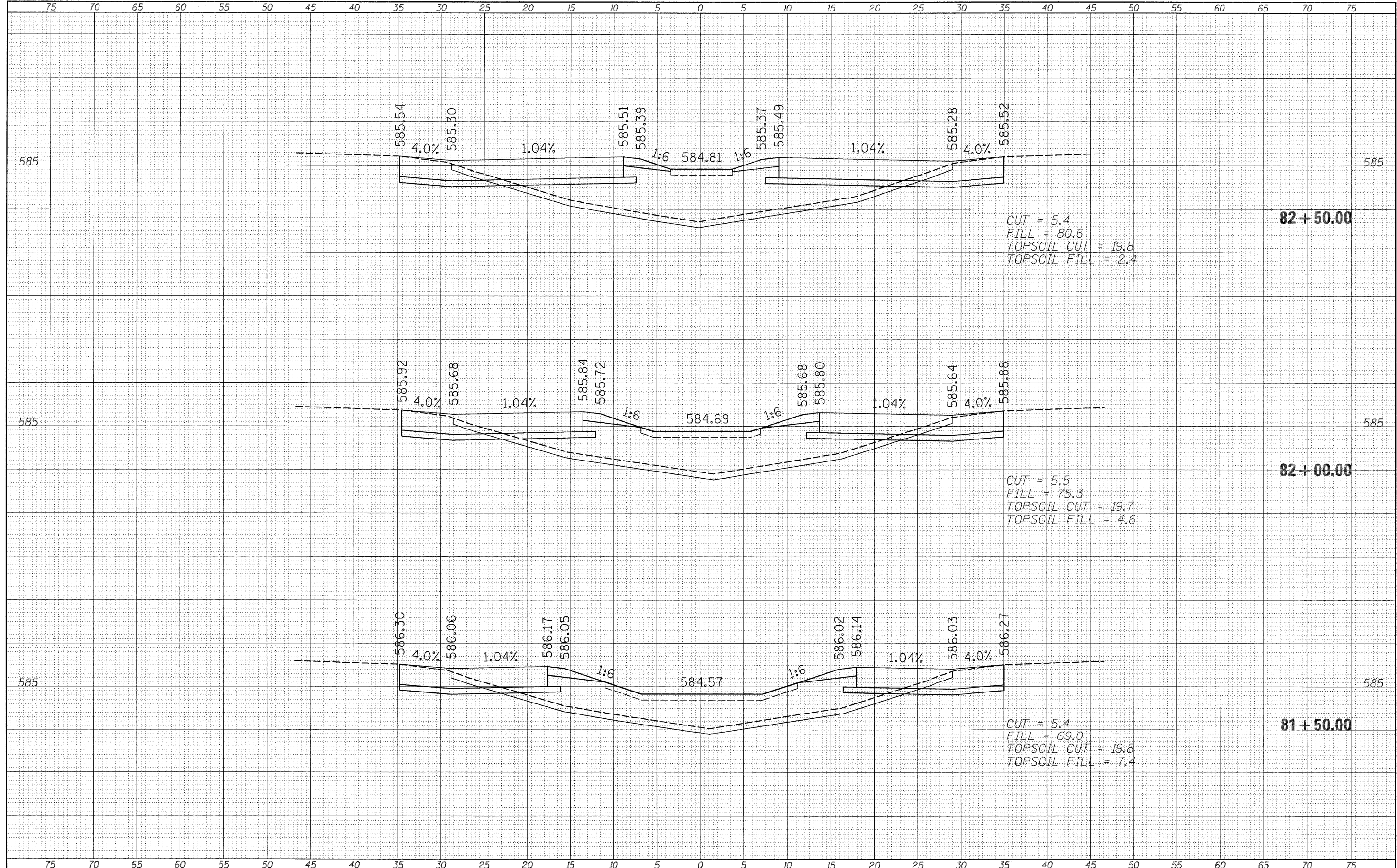
SCALE: 5
 SHEET NO. 3 OF 22 SHEETS
 STA. 575+50.00 TO STA. 81+00.00

**CROSS SECTIONS
 WEST CROSSOVER**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(18-47)	CUMBERLAND	47	28
CONTRACT NO. 74481				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY BY DATE
 SURVEYOR'S NAME
 AREAS CHECKED

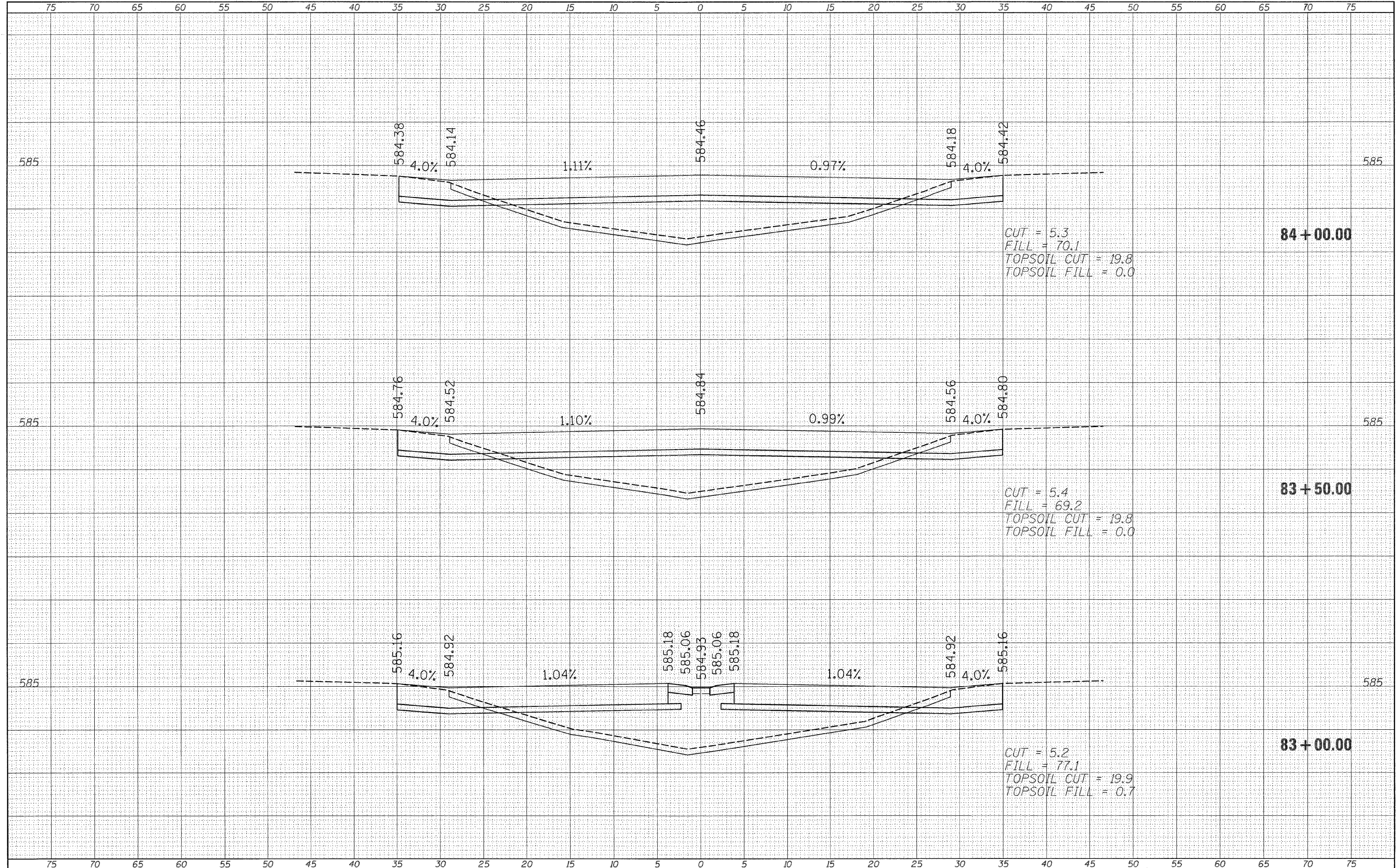
ORIGINAL SURVEY BY DATE
 SURVEYOR'S NAME
 AREAS CHECKED



FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS WEST CROSSOVER			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ca:\pw_work\pww\dot\swartzw\d8207383\0774481-sh	ksht.dgn	DRAWN -	REVISED -		TO	(18-47)I	CUMBERLAND	47	29	CONTRACT NO. 74481		
	PLOT SCALE = 5.0000' / IN.	CHECKED -	REVISED -		SCALE: 5	SHEET NO. 4 OF 22 SHEETS	STA. 81+50.00	TO STA. 82+50.00	ILLINOIS FED. AID PROJECT			
	PLOT DATE = 1/31/2011	DATE -	REVISED -									

FINAL SURVEY
 BY _____ DATE _____
 NO. _____

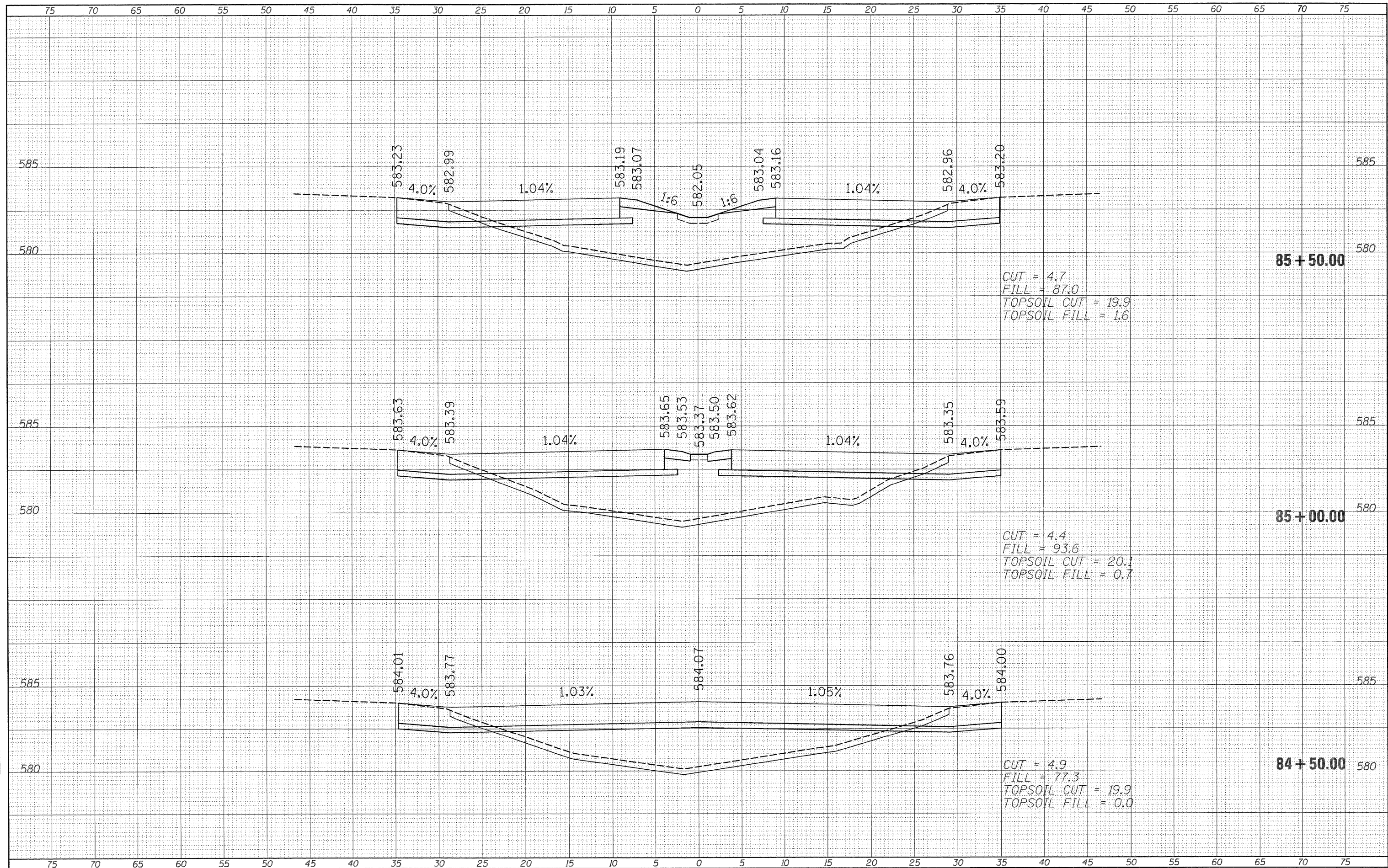
ORIGINAL SURVEY
 BY _____ DATE _____
 NO. _____



FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS WEST CROSSOVER			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pw_work\p\dot\swartzw\d2207383\0774481-sh	swasht.dgn	DRAWN -	REVISED -		SCALE: 5	SHEET NO. 5 OF 22 SHEETS	STA. 83+00.00 TO STA. 84+00.00	70	(18-471)	CUMBERLAND	47	30	
	PLOT SCALE = 5,0000' / IN.	CHECKED -	REVISED -										CONTRACT NO. 74481
	PLOT DATE = 1/31/2011	DATE -	REVISED -										ILLINOIS FED. AID PROJECT

FINAL SURVEY
 SURVEYED
 PLOTTED
 BY _____ DATE _____
 NO. _____ AREAS CHECKED _____

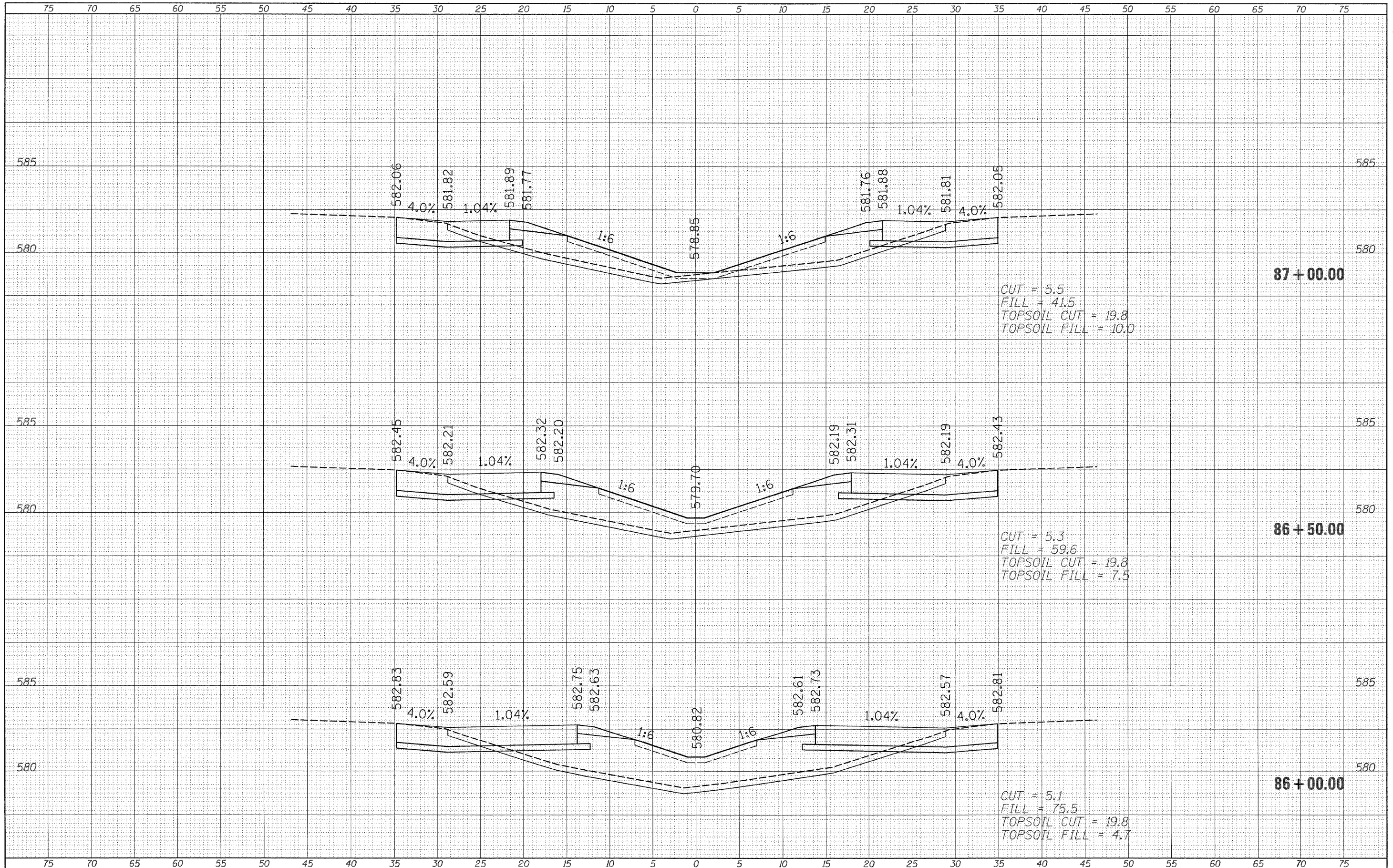
ORIGINAL SURVEY
 SURVEYED
 PLOTTED
 BY _____ DATE _____
 NO. _____ AREAS CHECKED _____



FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS WEST CROSSOVER			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
at:\pw\work\p\dot\swartzw\0207393\0774481-sh	xshd.dgn	DRAWN -	REVISED -		SCALE: 5	SHEET NO. 6 OF 22 SHEETS	STA. 84+50.00 TO STA. 85+50.00	70	(18-47)	CUMBERLAND	47	31
	PLOT SCALE = 5.0000' / IN.	CHECKED -	REVISED -									
	PLOT DATE = 1/31/2011	DATE -	REVISED -									
ILLINOIS FED. AID PROJECT												

DATE _____
 BY _____
 ORIGINAL SURVEY _____
 SURVEYED PLOTTED _____
 NO. _____ AREAS CHECKED _____

DATE _____
 BY _____
 ORIGINAL SURVEY _____
 SURVEYED PLOTTED _____
 NO. _____ AREAS CHECKED _____



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 PLOT DATE = 1/31/2011

DESIGNED -
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 DATE -

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

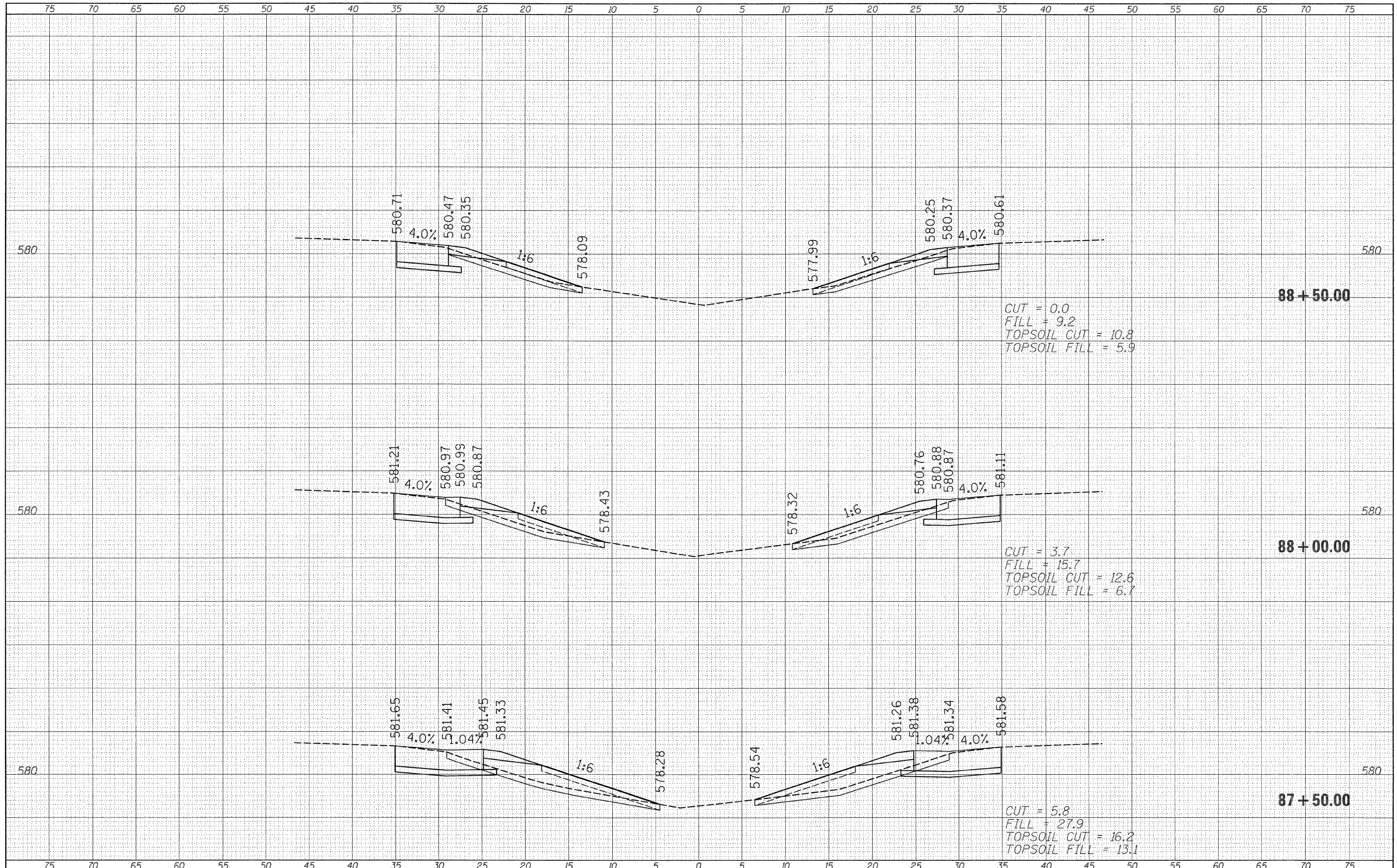
SCALE: 5
 SHEET NO. 7 OF 22 SHEETS
 STA. 86+00.00 TO STA. 87+00.00

**CROSS SECTIONS
 WEST CROSSOVER**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(18-47)I	CUMBERLAND	47	32
CONTRACT NO. 74481			ILLINOIS FED. AID PROJECT	

BY _____ DATE _____
 SURVEYED _____
 PLOTTED _____
 AREAS CHECKED _____

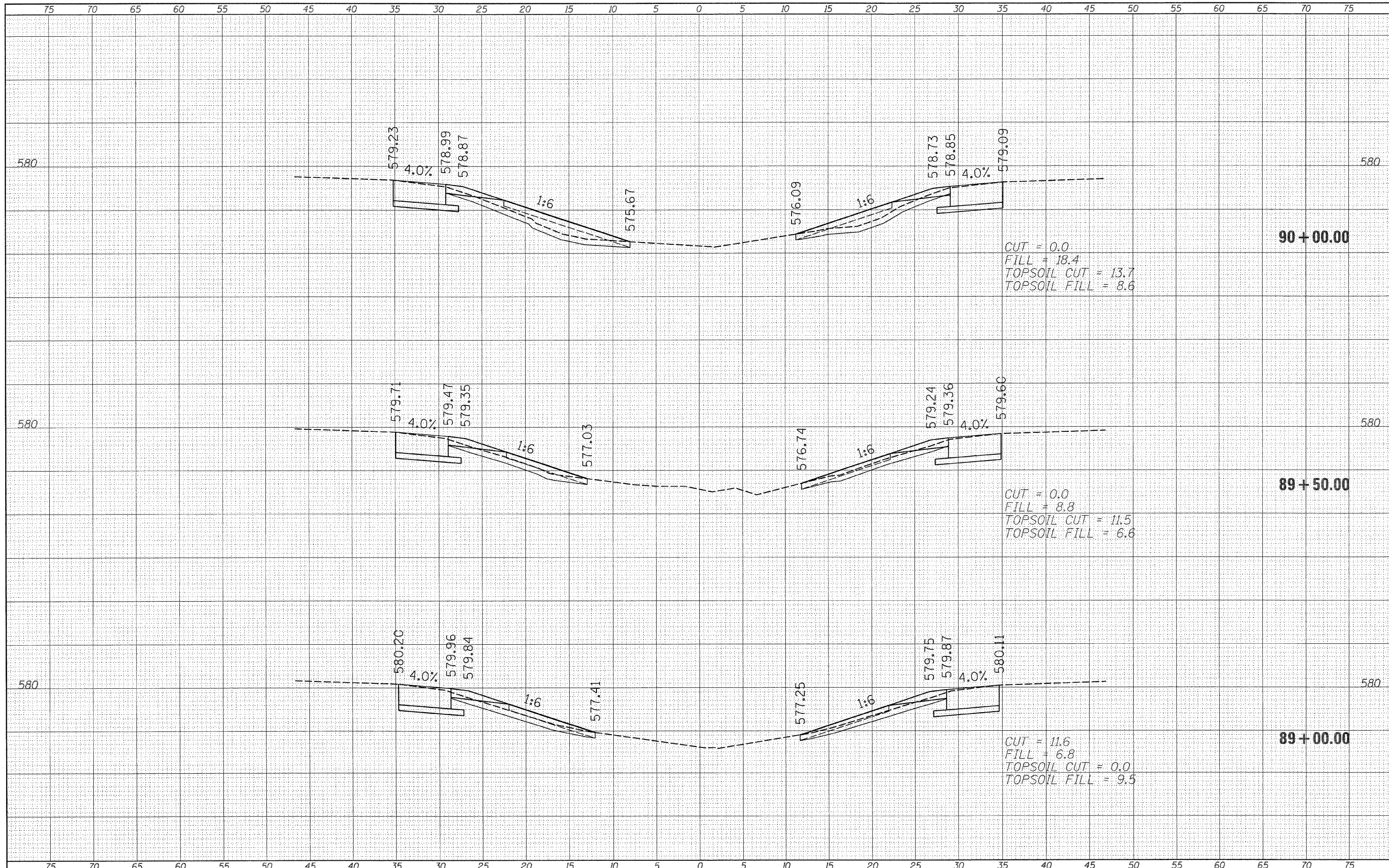
BY _____ DATE _____
 SURVEYED _____
 PLOTTED _____
 AREAS CHECKED _____



FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS WEST CROSSOVER		F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ct:\pw_work\p\sidot\swartzw\d0207383\0774481-sh\ssht.dgn		DRAWN -	REVISED -		70	(18-47)	CUMBERLAND	47	33			
PLOT SCALE = 5.0000 "/td> <td></td> <td>CHECKED -</td> <td>REVISED -</td> <td colspan="2" style="text-align: center;">SCALE: 5</td> <td colspan="2" style="text-align: center;">SHEET NO. 8 OF 22 SHEETS</td> <td colspan="2" style="text-align: center;">STA. 87+50.00 TO STA. 88+50.00</td> <td colspan="2" style="text-align: center;">CONTRACT NO. 74481</td>		CHECKED -	REVISED -		SCALE: 5		SHEET NO. 8 OF 22 SHEETS		STA. 87+50.00 TO STA. 88+50.00		CONTRACT NO. 74481	
PLOT DATE = 1/31/2011		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

BY: _____ DATE: _____
 ORIGINAL SURVEY SURVEYED PLOTTED
 NO. AREAS CHECKED

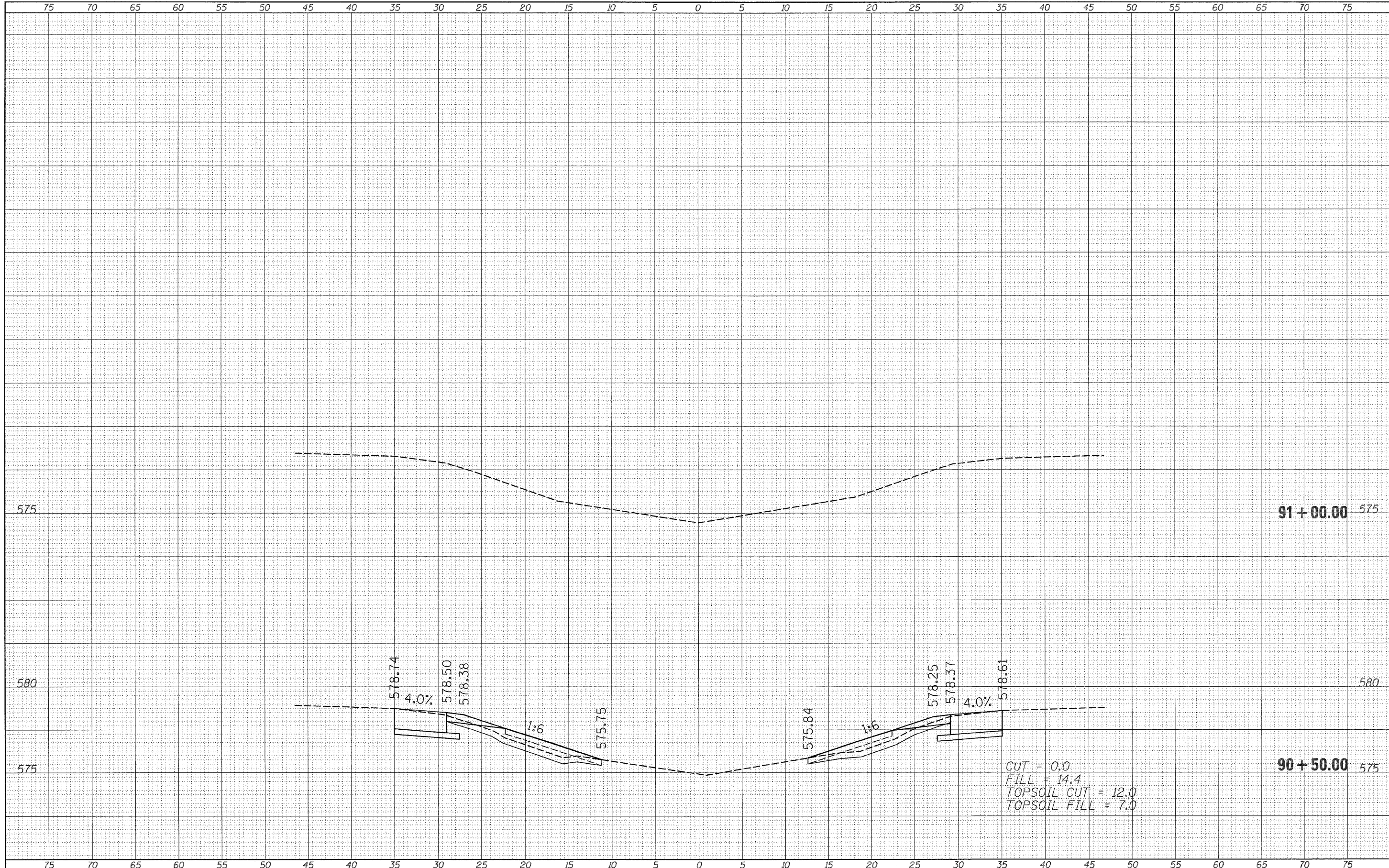
BY: _____ DATE: _____
 ORIGINAL SURVEY SURVEYED PLOTTED
 NO. AREAS CHECKED



FILE NAME =	USER NAME = swartzrw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS WEST CROSSOVER		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ca:\pwork\pwidat\swartzrw\ad287383\0774481-sh	ssht.dgn	DRAWN -	REVISED -		SCALE: 5	SHEET NO. 9 OF 22 SHEETS	STA. 89+00.00 TO STA. 90+00.00	70	(18-47)I	CUMBERLAND	47	34
PLOT SCALE = 5.0000 "/>												
PLOT DATE = 1/31/2011	DATE -	REVIS	REVIS		CONTRACT NO. 74481		ILLINOIS FED. AID PROJECT					

DATE _____
 BY _____
 ORIGINAL SURVEY _____
 SURVEYED _____
 PLOTTED _____
 AREAS CHECKED _____
 NO. _____

DATE _____
 BY _____
 ORIGINAL SURVEY _____
 SURVEYED _____
 PLOTTED _____
 AREAS CHECKED _____
 NO. _____



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 FILL = 14.4
 TOPSOIL CUT = 12.0
 TOPSOIL FILL = 7.0

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 PLOT DATE = 1/31/2011

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

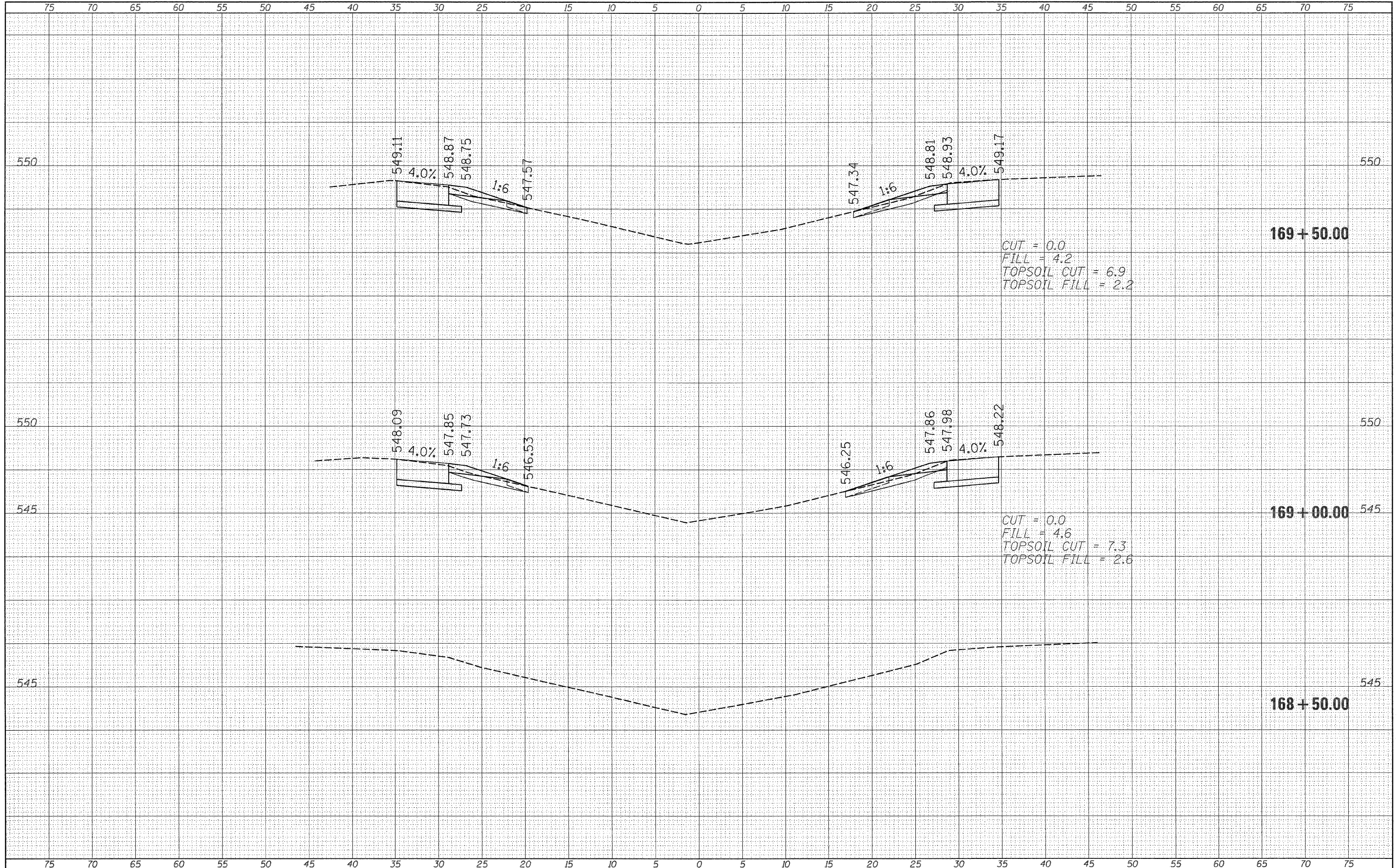
**CROSS SECTIONS
 WEST CROSSOVER**

SCALE: 5 SHEET NO. 10 OF 22 SHEETS STA. 90+50.00 TO STA. 91+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(18-47)	CUMBERLAND	47	35
CONTRACT NO. 74481				
ILLINOIS FED. AID PROJECT				

DATE _____
 BY _____
 ORIGINAL SURVEY _____
 SURVEYED _____
 PLOTTED _____
 NO. _____ AREAS CHECKED _____

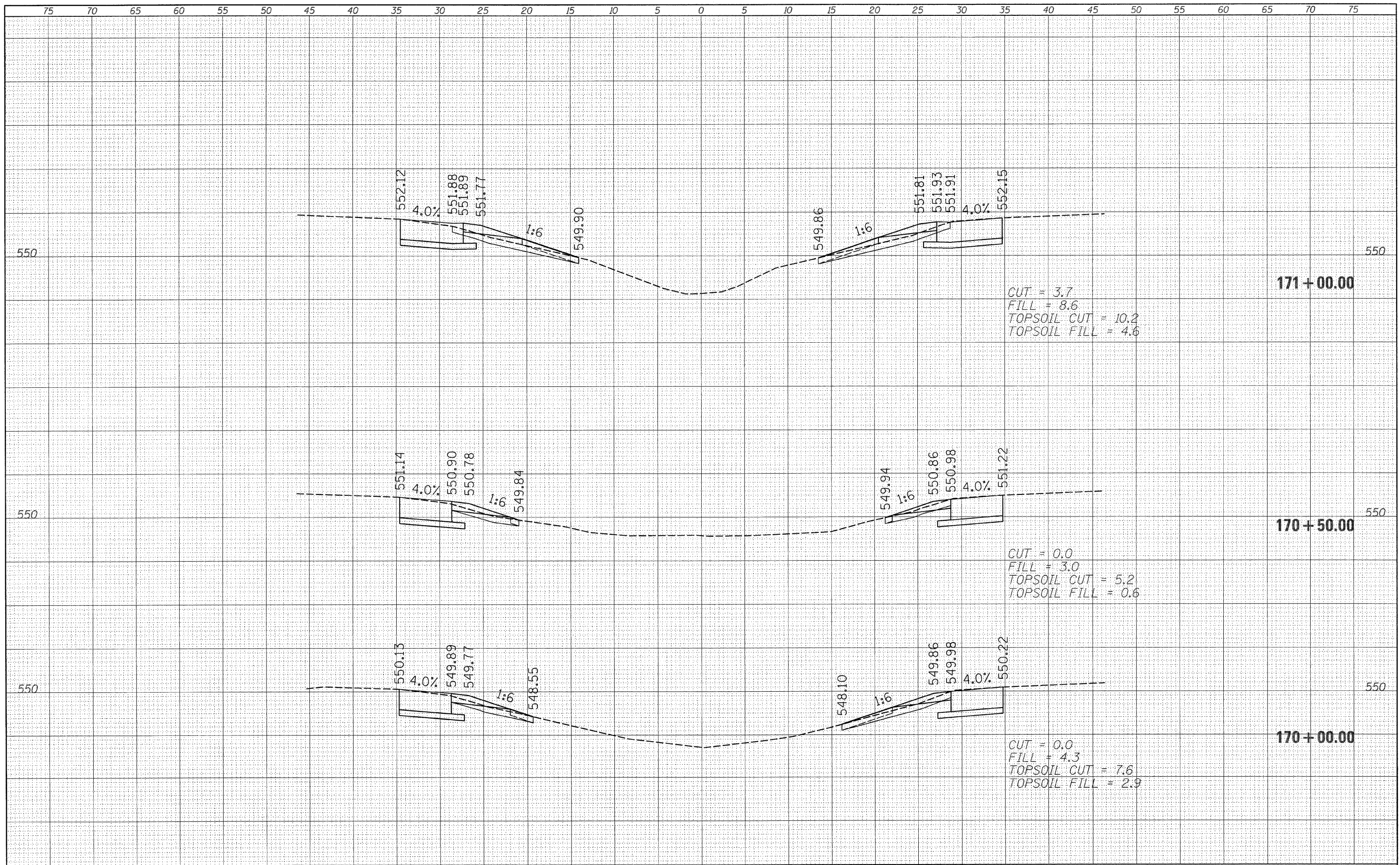
DATE _____
 BY _____
 ORIGINAL SURVEY _____
 SURVEYED _____
 PLOTTED _____
 NO. _____ AREAS CHECKED _____



FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS EAST CROSSOVER	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ca:\pw\work\pwidot\swartzw\d8207383\0774481-sh-xash.t2.dgn		DRAWN -	REVISED -			70	(18-47)I	CUMBERLAND	47	36
PLOT SCALE = 5.0000 / IN.		CHECKED -	REVISED -			CONTRACT NO. 74481		ILLINOIS FED. AID PROJECT		
PLOT DATE = 1/31/2011		DATE -	REVISED -			SCALE: 5	SHEET NO. 11 OF 22 SHEETS	STA. 168+50.00 TO STA. 169+50.00		

DATE	
BY	
FINAL SURVEY	
SURVEYED	
PLOTTED	
AREAS CHECKED	
NO.	

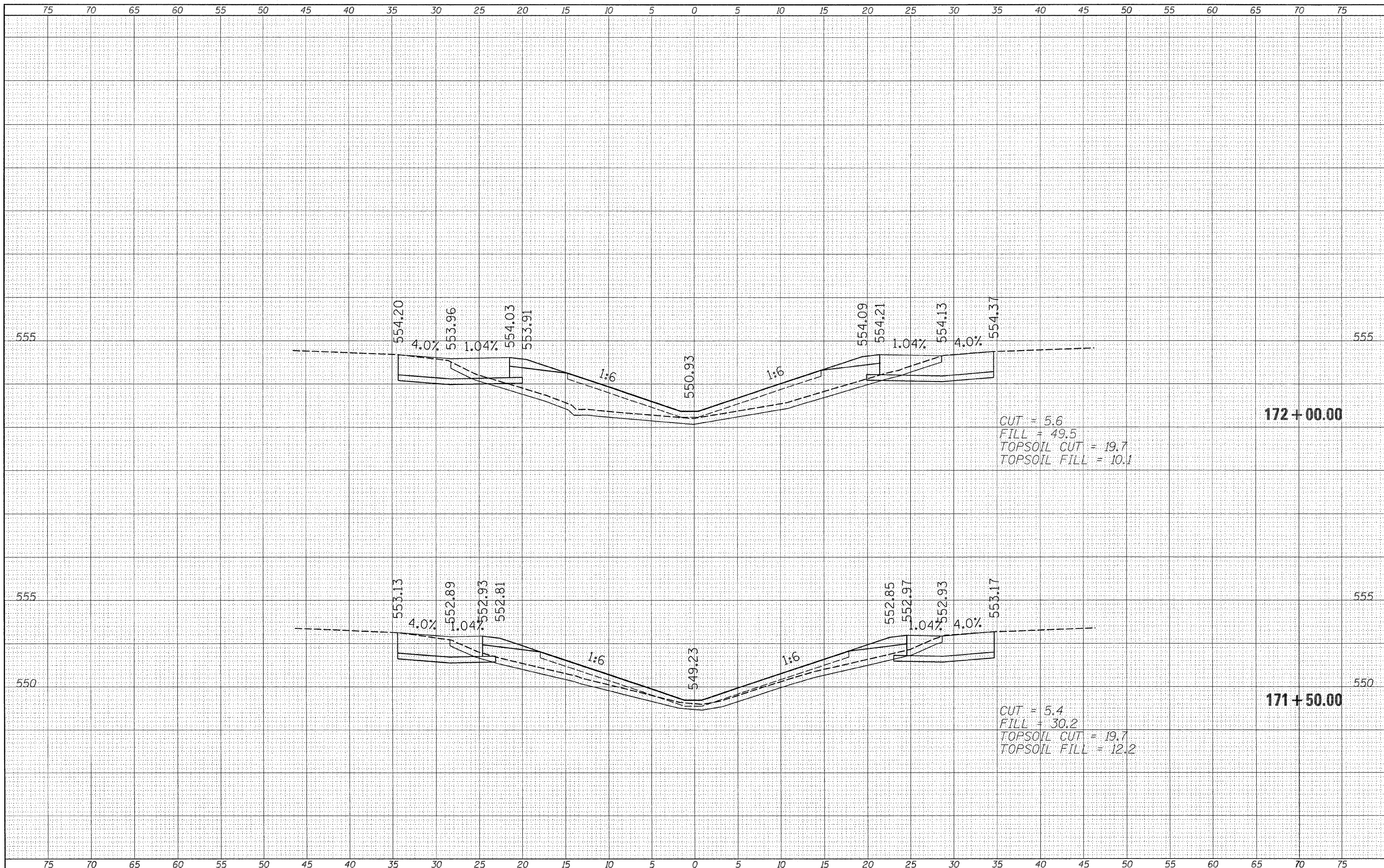
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BY	
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PLOTTED	
AREAS CHECKED	
NO.	



FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS EAST CROSSOVER	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ca:\pw_work\pwwork\swartzw\0207383\0774481-sh	xshst2.dgn	DRAWN -	REVISED -			70	(18-471)	CUMBERLAND	47	37	
PLOT SCALE = 5.0000 / IN.		CHECKED -	REVISED -			CONTRACT NO. 74481					
PLOT DATE = 1/31/2011		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
						SCALE: 5	SHEET NO. 12 OF 22 SHEETS	STA. 170+00.00 TO STA. 171+00.00			

DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
AREAS CHECKED	
NO.	

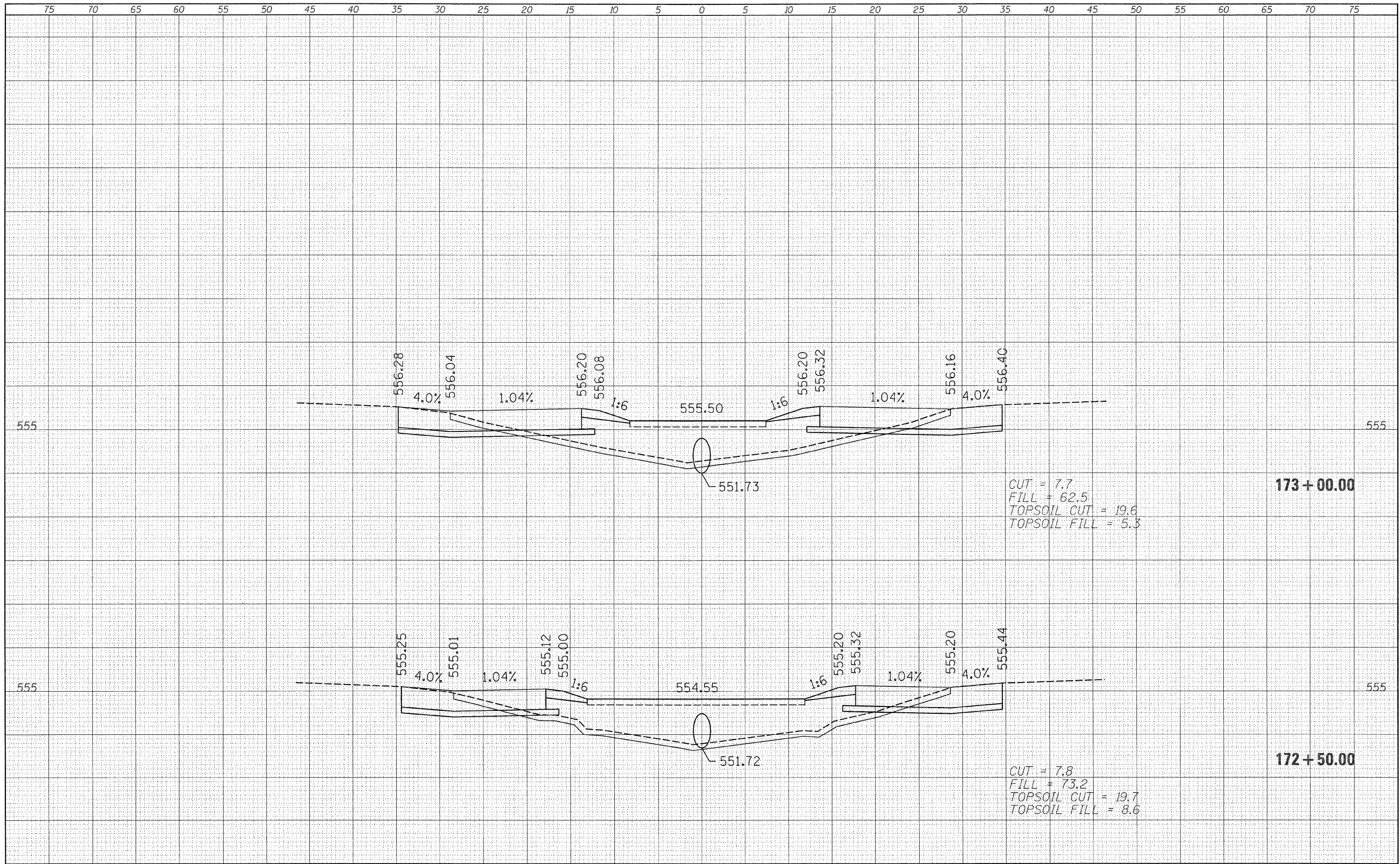
DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
AREAS CHECKED	
NO.	



FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS EAST CROSSOVER		F.A.T. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pw_work\pw1dot\swartzw\0207383\0774481-sh	xsh2.dgn	DRAWN -	REVISED -		SCALE: 5	SHEET NO. 13 OF 22 SHEETS	STA. 171+50.00 TO STA. 172+00.00	70	(18-47)I	CUMBERLAND	47	38
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	PLOT DATE = 1/31/2011	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
AREAS CHECKED		

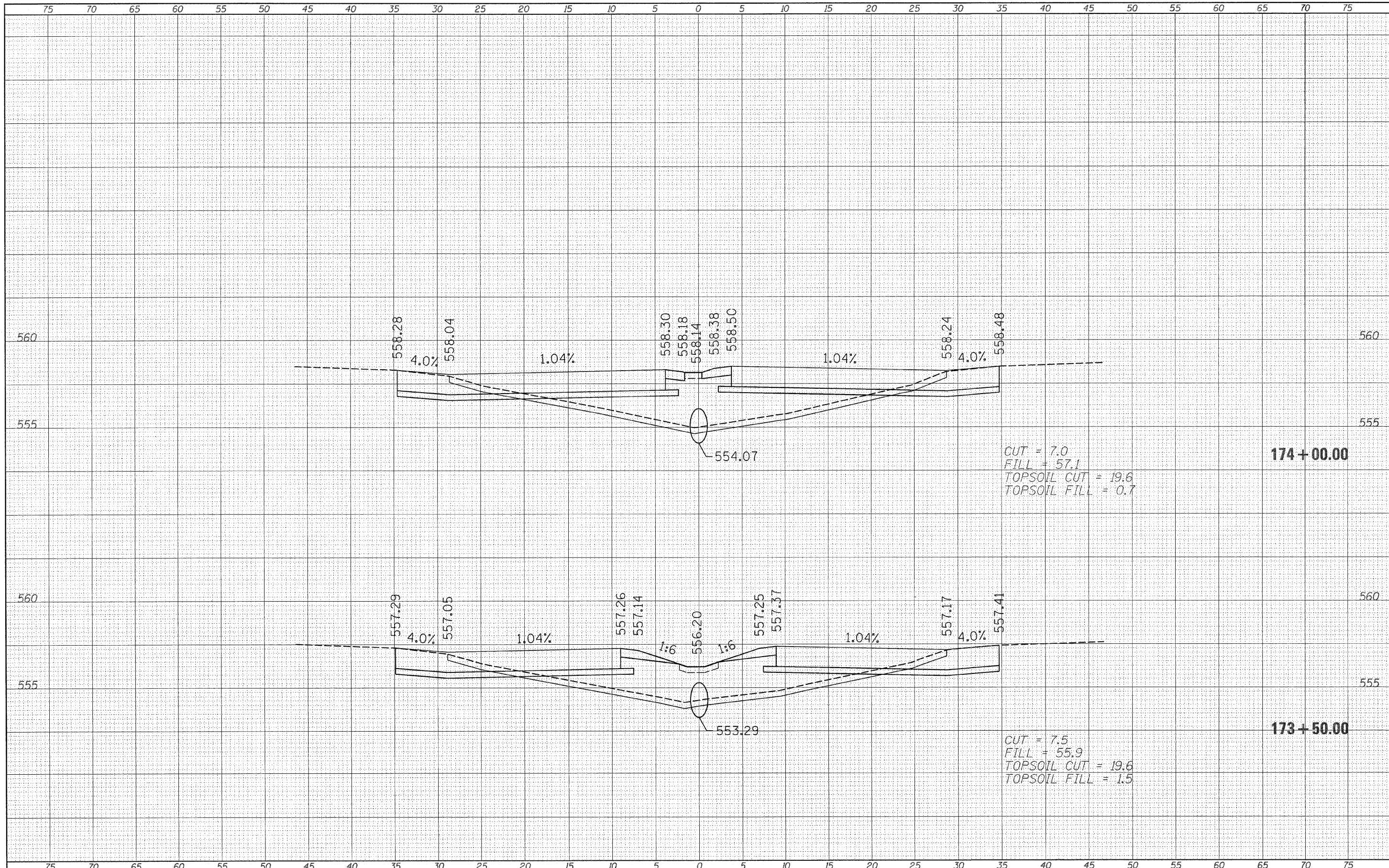
ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
AREAS CHECKED		



FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS EAST CROSSOVER	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pw\work\pwidot\swartzw\d8207383\0774481-sh	-xash2.dgn	DRAWN -	REVISED -			70	(18-47)I	CUMBERLAND	47	39	
PLOT SCALE = 5.0000' / IN.		CHECKED -	REVISED -			CONTRACT NO. 74481					
PLOT DATE = 1/31/2011		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
						SCALE: 5	SHEET NO. 14 OF 22 SHEETS	STA. 172+50.00	TO STA. 173+00.00		

DATE	
BY	
FINAL SURVEY	
SURVEYED	
PLOTTED	
NO.	
AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
NO.	
AREAS CHECKED	



FILE NAME =
 USER NAME = swartzw
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

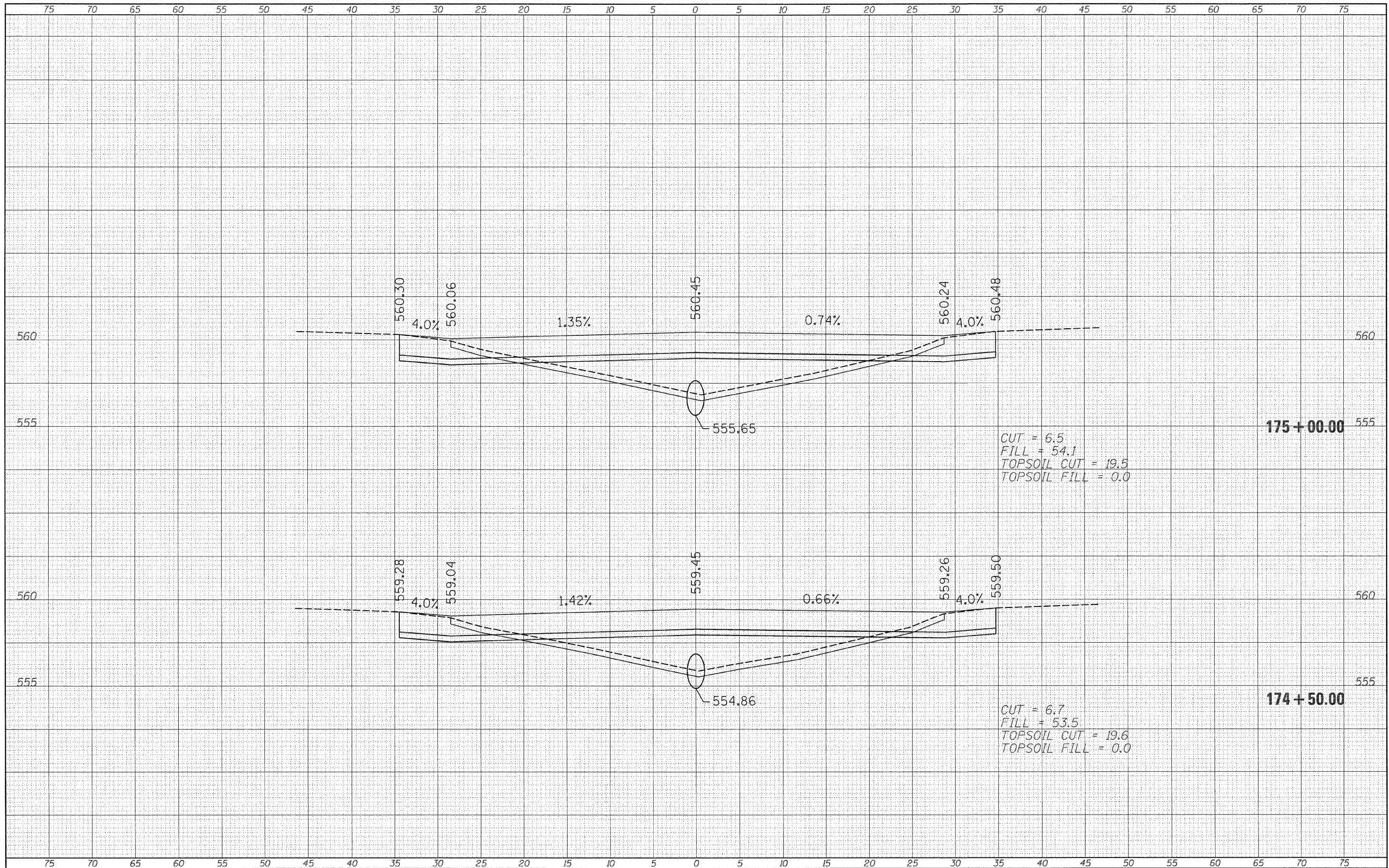
**CROSS SECTIONS
 EAST CROSSOVER**

SCALE: 5 SHEET NO. 15 OF 22 SHEETS STA. 173+50.00 TO STA. 174+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(18-47)I	CUMBERLAND	47	40
CONTRACT NO. 74481				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	DATE
NO.	PLOTTED	
	AREAS CHECKED	

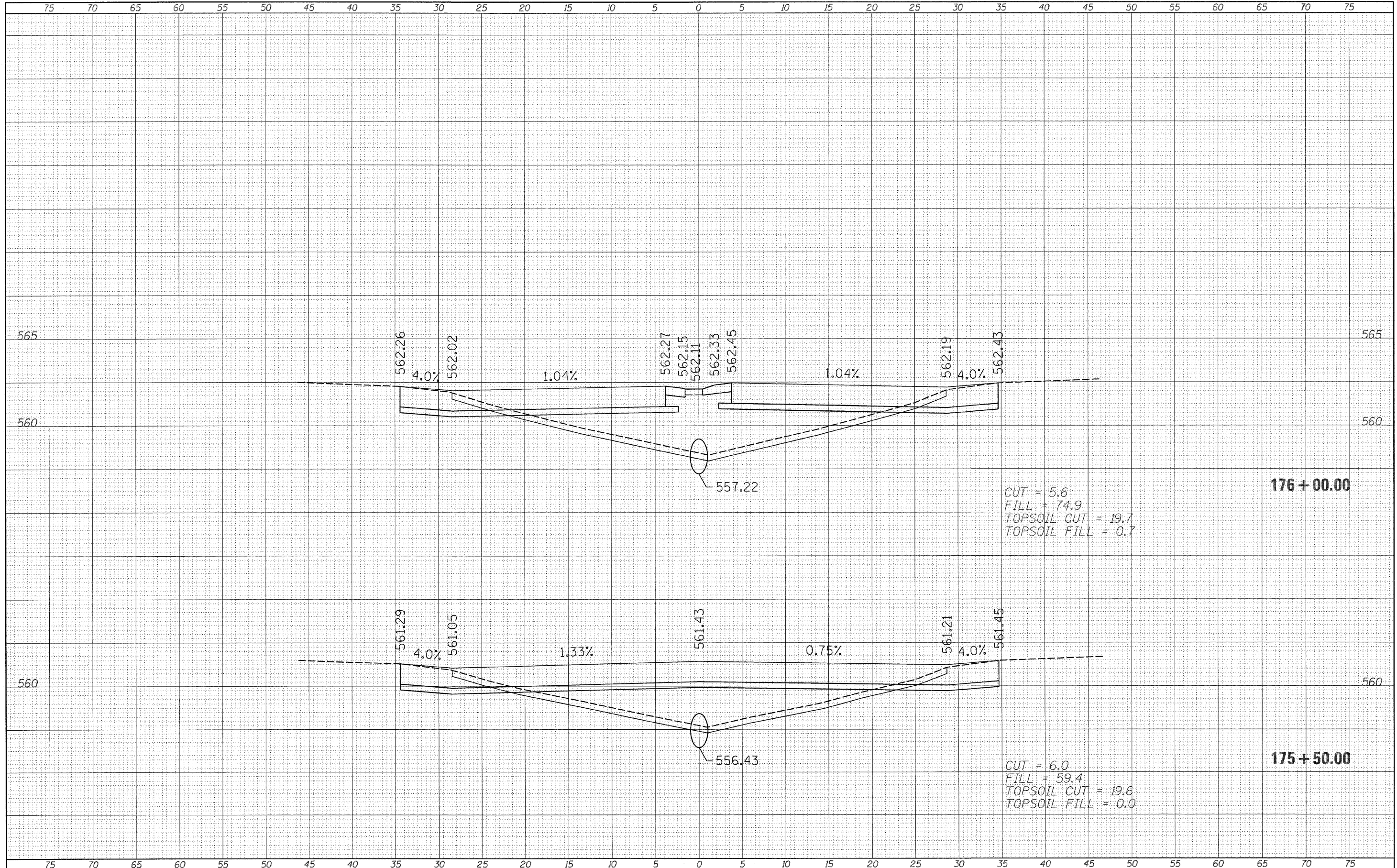
ORIGINAL SURVEY	SURVEYED	DATE
NO.	PLOTTED	
	AREAS CHECKED	



FILE NAME =	USER NAME = swartz	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS EAST CROSSOVER				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw_work\pwidot\swartz\w\8207383\0774481-sh	xsah2.dgn	DRAWN -	REVISED -		SCALE: 5	SHEET NO. 16 OF 22 SHEETS	STA. 174+50.00 TO STA. 175+00.00	70	(18-47)	CUMBERLAND	47	41	
	PLOT SCALE = 5,0000 1/ IN.	CHECKED -	REVISED -						CONTRACT NO. 74481				
	PLOT DATE = 1/31/2011	DATE -	REVISED -						ILLINOIS FED. AID PROJECT				

BY	DATE
FINAL SURVEY PLOTTED	
NO.	AREAS CHECKED

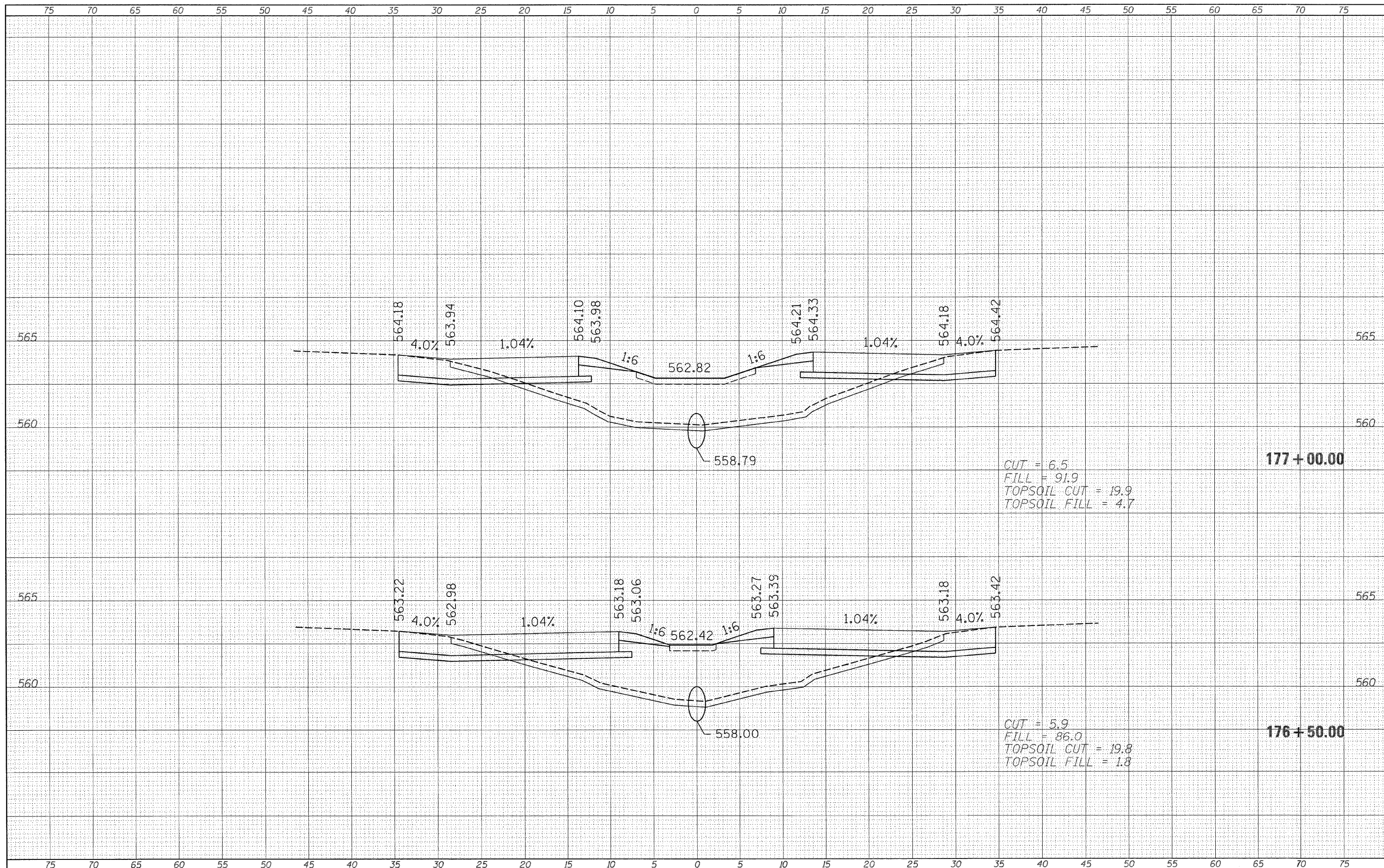
BY	DATE
ORIGINAL SURVEY PLOTTED	
NO.	AREAS CHECKED



FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS EAST CROSSOVER			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -		70	(18-47)	CUMBERLAND	47	42			
		CHECKED -	REVISED -		CONTRACT NO. 74481							
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							
					SCALE: 5	SHEET NO. 17 OF 22 SHEETS	STA. 175+50.00 TO STA. 176+00.00					

FINAL SURVEY PLOTTED BY DATE
 ORIGINAL SURVEY PLOTTED BY DATE
 AREAS CHECKED NO.

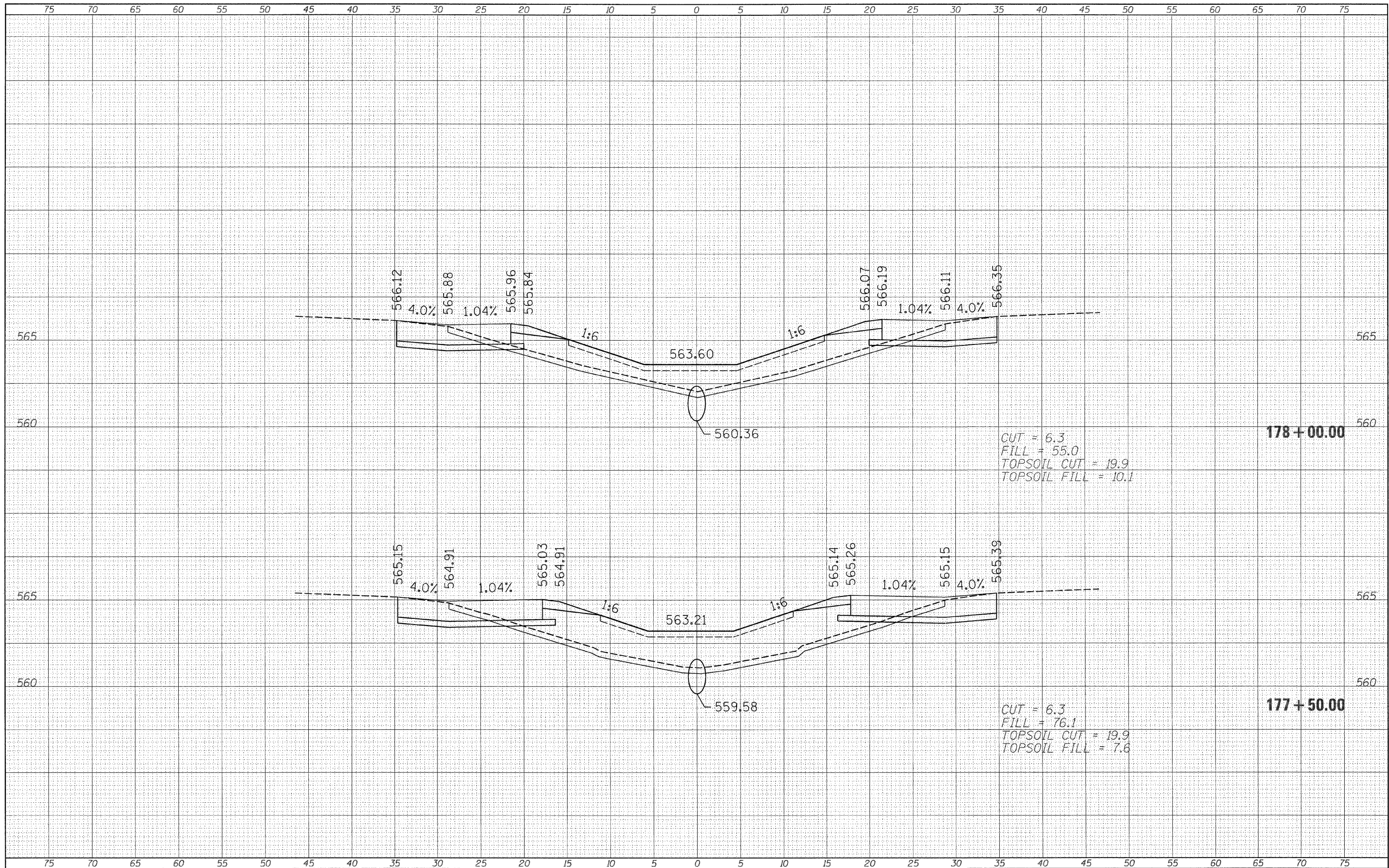
ORIGINAL SURVEY PLOTTED BY DATE
 AREAS CHECKED NO.



FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS EAST CROSSOVER	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ca:\pwwork\pwwork\swartzw\d0207383\0774401-sh	xshh12.dgn	DRAWN -	REVISED -			70	(18-47)	CUMBERLAND	47	43	
PLOT SCALE = 5.0000' / IN.		CHECKED -	REVISED -			SCALE: 5		SHEET NO. 18 OF 22 SHEETS		STA. 176+50.00 TO STA. 177+00.00	
PLOT DATE = 1/31/2011		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

FINAL SURVEY PLOTTED BY DATE
 NO. AREAS CHECKED

ORIGINAL SURVEY PLOTTED BY DATE
 NO. AREAS CHECKED



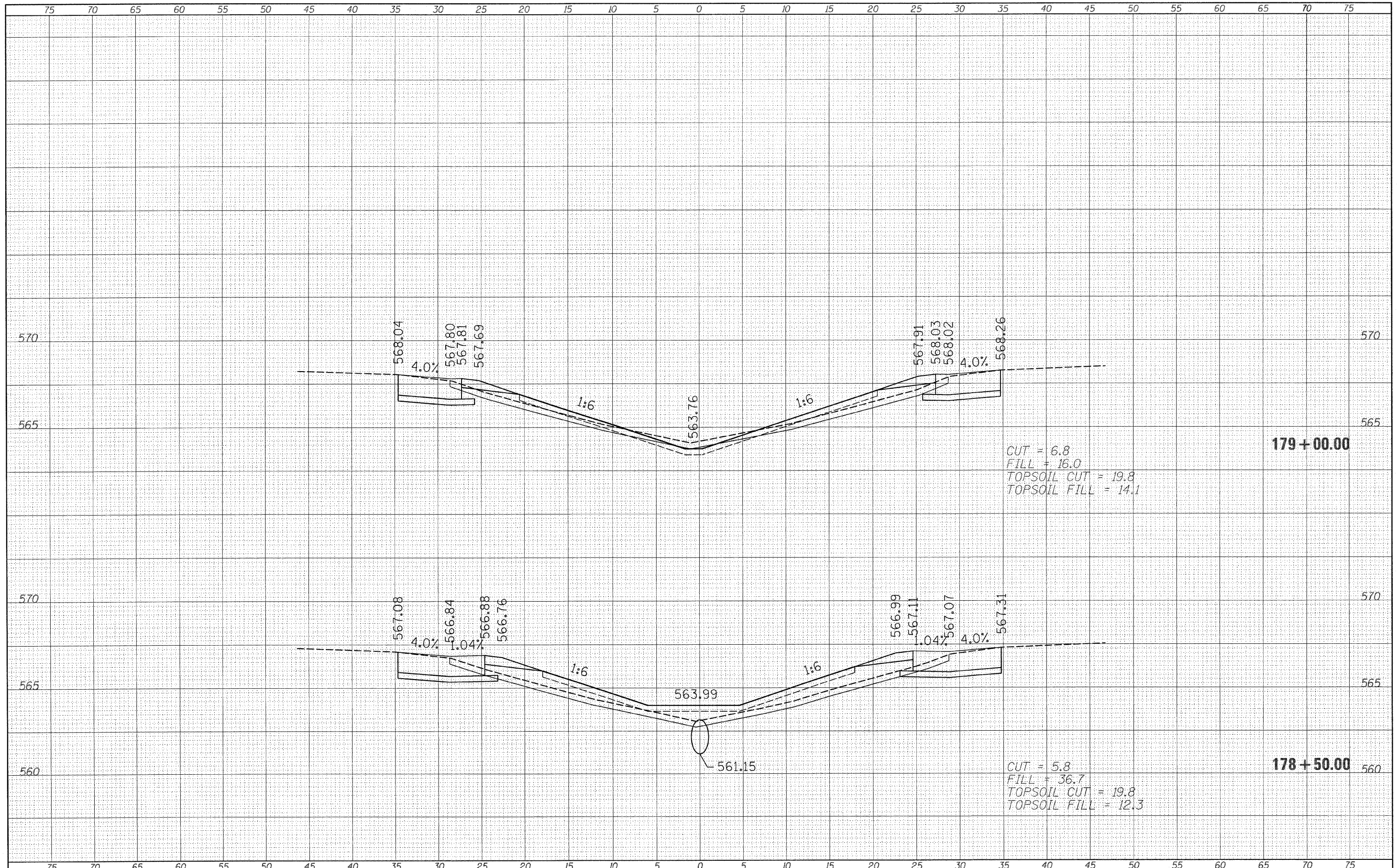
CUT = 6.3
 FILL = 55.0
 TOPSOIL CUT = 19.9
 TOPSOIL FILL = 10.1

CUT = 6.3
 FILL = 76.1
 TOPSOIL CUT = 19.9
 TOPSOIL FILL = 7.6

FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS EAST CROSSOVER			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pw_work\pwidot\swartzw\d8207383\0774481-ah	xash.t2.dgn	DRAWN -	REVISED -		SCALE: 5	SHEET NO. 19 OF 22 SHEETS	STA. 177+50.00 TO STA. 178+00.00	70	(18-471)	CUMBERLAND	47	44
	PLOT SCALE = 5.0000 / IN.	CHECKED -	REVISED -		CONTRACT NO. 74481							
	PLOT DATE = 1/31/2011	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

DATE _____
 BY _____
 FINISHED SURVEY PLOTTED _____
 NO. _____ AREAS CHECKED _____

DATE _____
 BY _____
 ORIGINAL SURVEY PLOTTED _____
 NO. _____ AREAS CHECKED _____



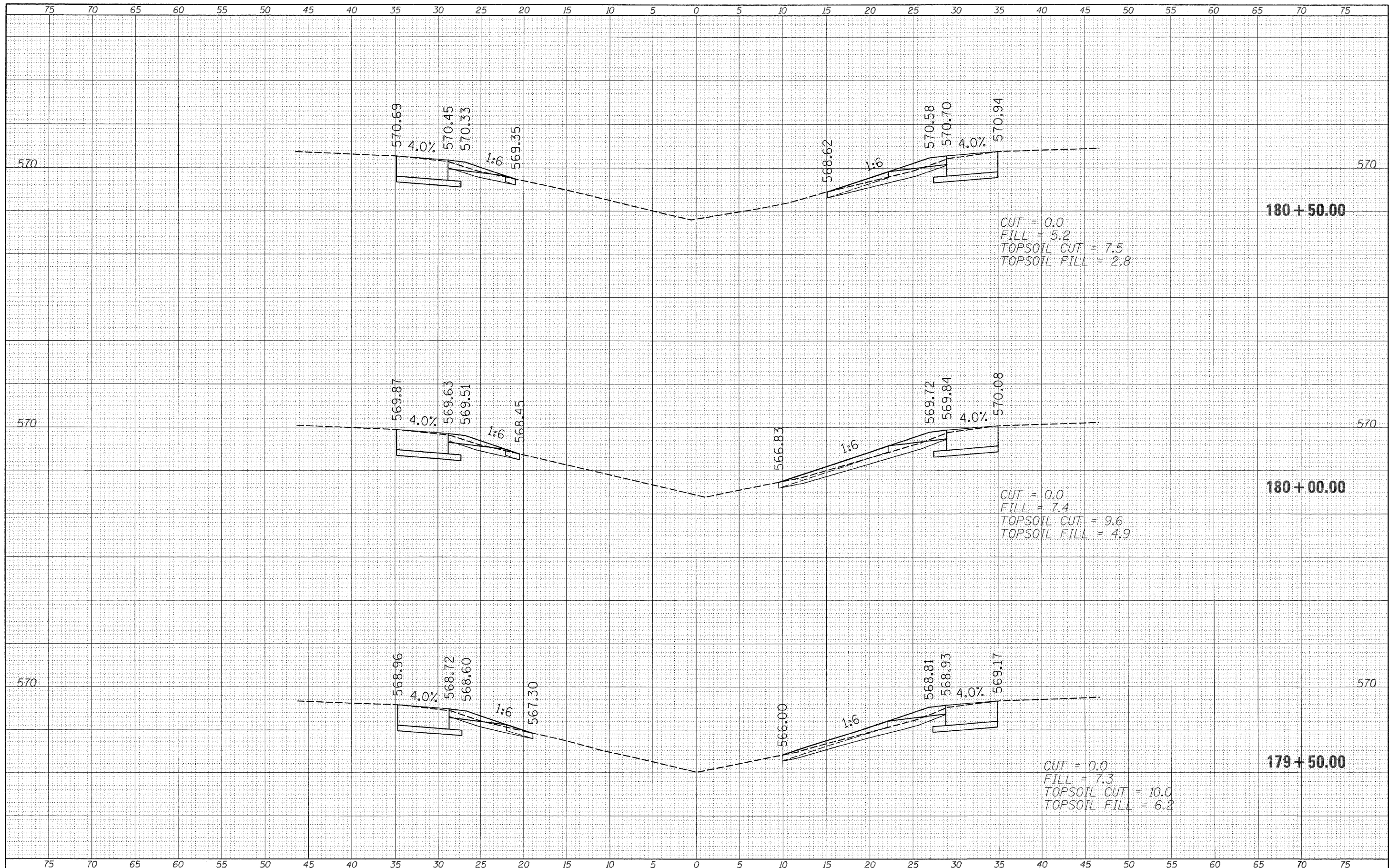
CUT = 6.8
 FILL = 16.0
 TOPSOIL CUT = 19.8
 TOPSOIL FILL = 14.1

CUT = 5.8
 FILL = 36.7
 TOPSOIL CUT = 19.8
 TOPSOIL FILL = 12.3

FILE NAME =	USER NAME = skwartzw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS EAST CROSSOVER			FAI RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw\work\pvidot\skwartzw\d0287383\0774481-sh	-xsh-t2.dgn	DRAWN -	REVISED -		SCALE: 5	SHEET NO. 20 OF 22 SHEETS	STA. 178+50.00 TO STA. 179+00.00	70	(18-47)I	CUMBERLAND	47	45
	PLOT SCALE = 5.0000 "/> IN.	CHECKED -	REVISED -								CONTRACT NO. 74481	
	PLOT DATE = 1/31/2011	DATE -	REVISED -								ILLINOIS FED. AID PROJECT	

FINAL SURVEY PLOTTED BY DATE
 NO. AREAS CHECKED

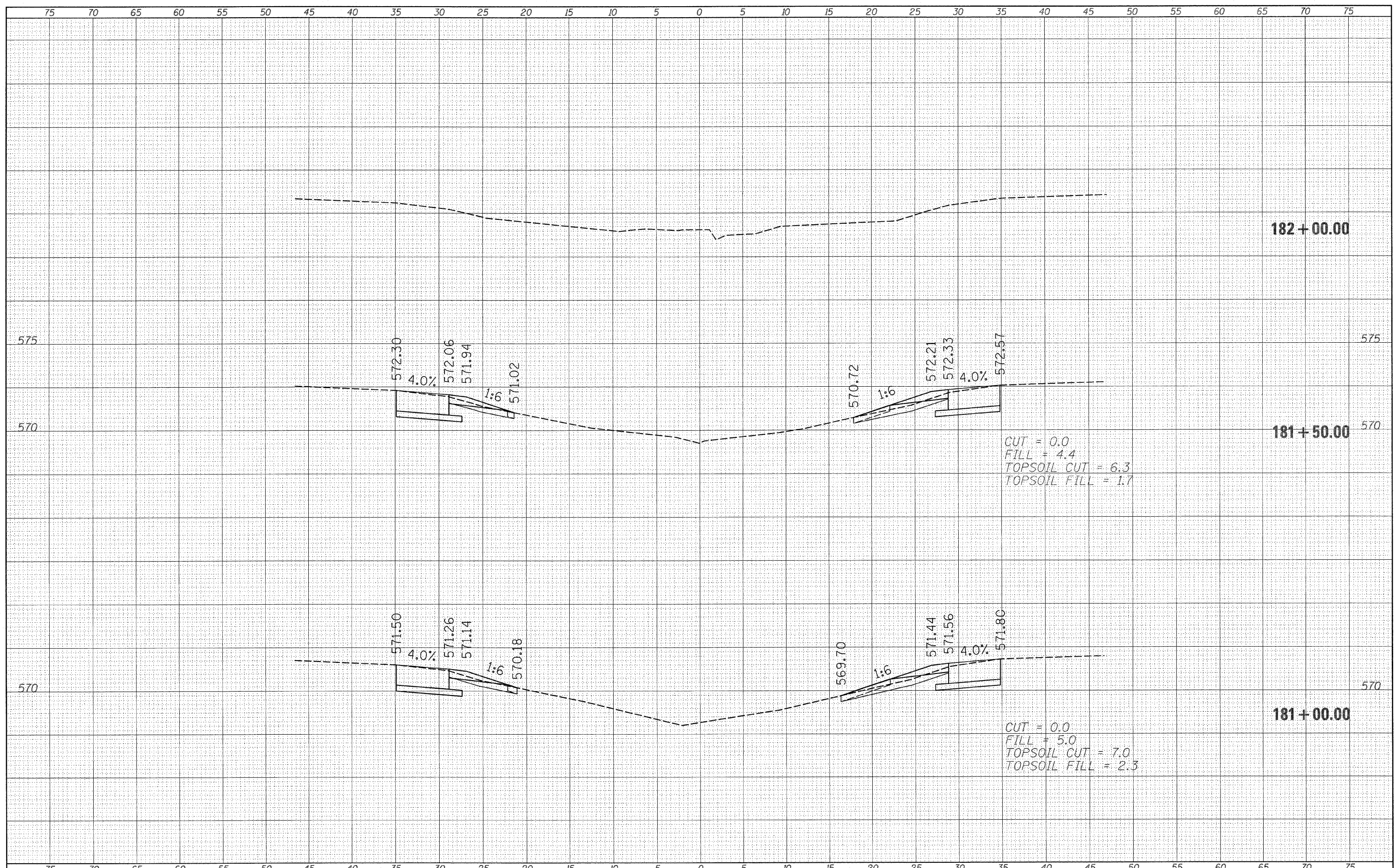
ORIGINAL SURVEY PLOTTED BY DATE
 NO. AREAS CHECKED



FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS EAST CROSSOVER	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ai:\pw_work\pwt\dot\swartzw\10207383\10774481-sh	xxsh\2.dgn	DRAWN -	REVISED -			70	(18-47I)	CUMBERLAND	47	46	
PLT SCALE = 5.0000 / IN.		CHECKED -	REVISED -			SCALE: 5		SHEET NO. 21 OF 22 SHEETS		STA. 179+50.00 TO STA. 180+50.00	
PLT DATE = 1/31/2011		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

BY _____ DATE _____
 ORIGINAL SURVEY _____
 SURVEYED _____
 PLOTTED _____
 NO. _____ AREA CHECKED _____

BY _____ DATE _____
 ORIGINAL SURVEY _____
 SURVEYED _____
 PLOTTED _____
 NO. _____ AREA CHECKED _____



CUT = 0.0
 FILL = 4.4
 TOPSOIL CUT = 6.3
 TOPSOIL FILL = 1.7

CUT = 0.0
 FILL = 5.0
 TOPSOIL CUT = 7.0
 TOPSOIL FILL = 2.3

FILE NAME =	USER NAME = swar tzrw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS EAST CROSSOVER			F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ca:\pw_work\p\p\dot\swar tzrw\d0227383\0774481-sh	sssh2.dgn	DRAWN -	REVISED -		SCALE: 5	SHEET NO. 22 OF 22 SHEETS	STA. 181+00.00 TO STA. 182+00.00	70	(18-47)I	CUMBERLAND	47	47	
	PLOT SCALE = 5.0000' / 1"	CHECKED -	REVISED -										
	PLOT DATE = 1/31/2011	DATE -	REVISED -										
											CONTRACT NO. 74481		
											ILLINOIS FED. AID PROJECT		