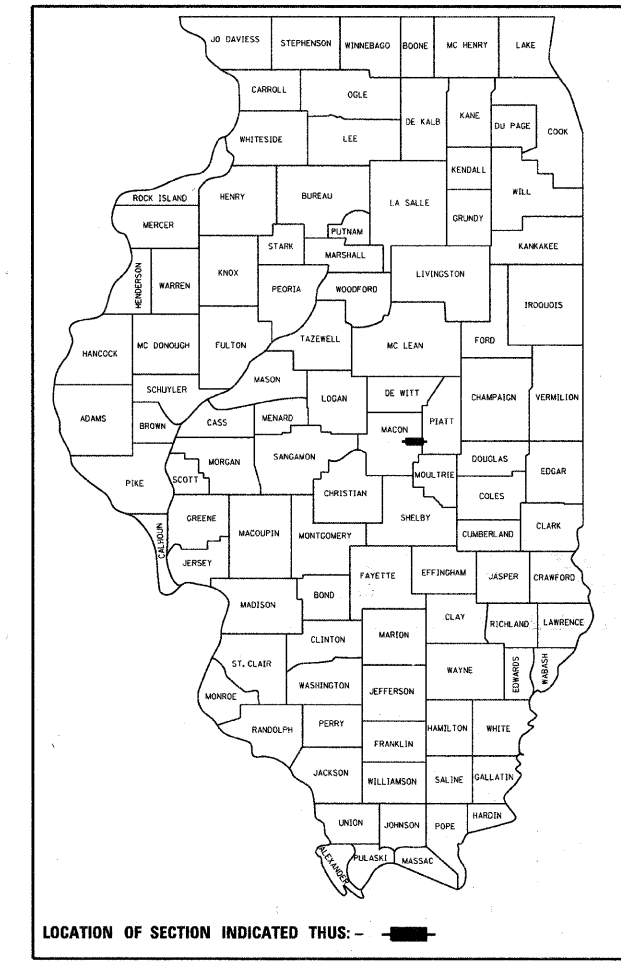


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
741	(11,12)T	ILLINOIS	85	1
CONTRACT NO. 74422				

• MACON & PIATT

D-97-001-10



LOCATION OF SECTION INDICATED THUS: - [rectangle] -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

F.A.P. ROUTE 741 (IL. RTE. 105)
SECTION (11,12)T
PROJECT ACHSIP-0741(108)
SAFETY IMPROVEMENTS
MACON & PIATT COUNTIES
C-97-004-10

FOR INDEX OF SHEETS, SEE SHEET NO. 2

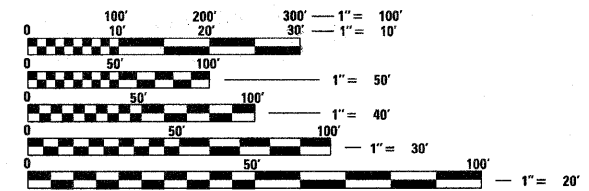
STATION EQUATION:
STA. 339+01.36 (BK) = STA. 339+00.00 (AH)

BRIDGE OMISSION:
STA. 349+13.88 TO STA. 349+46.13

ADT = 3,450 (2009)

FAP ROUTE 741 (IL 105)
SECTION (11,12)T
BEGINS STATION 163+53
MACON COUNTY

FAP ROUTE 741 (IL 105)
SECTION (11,12)T
ENDS STATION 530+60
PIATT COUNTY

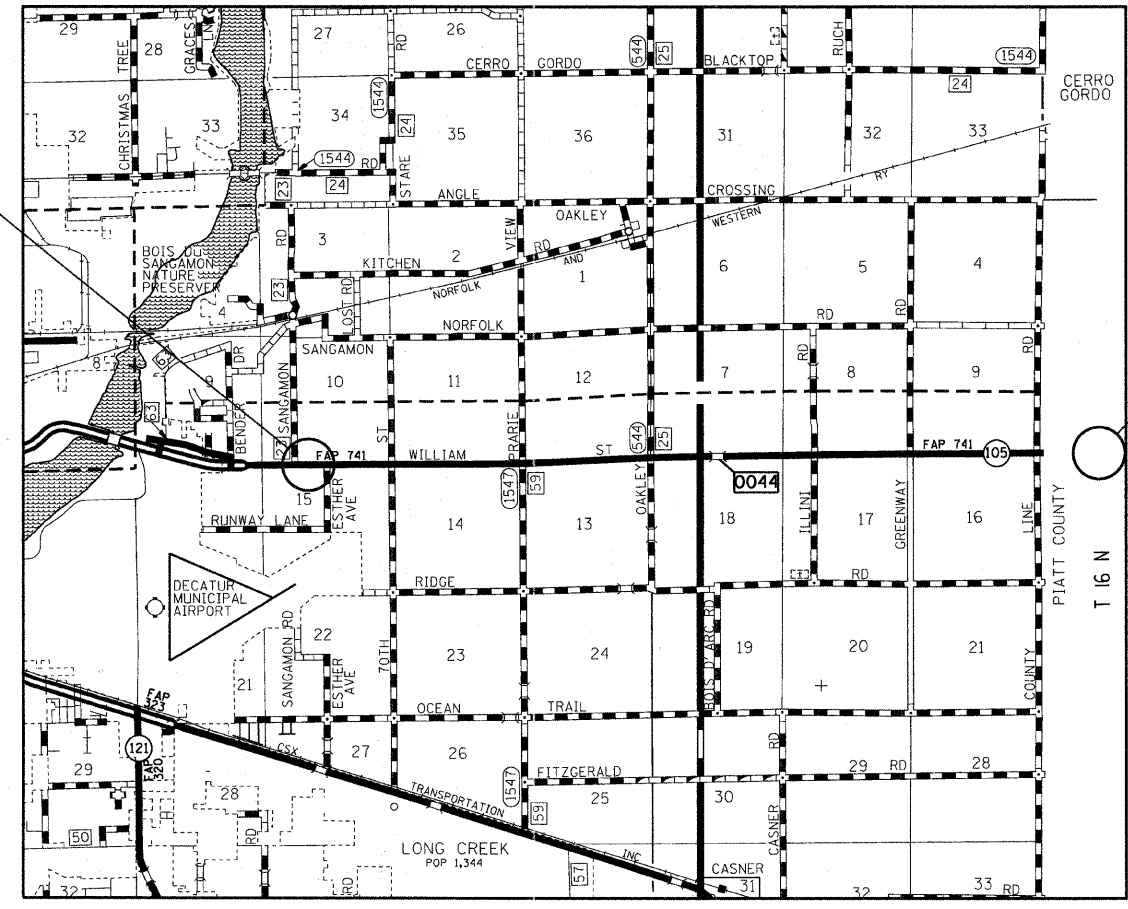


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

CONTRACT NO. 74422



GROSS LENGTH = 36,708.36 FT. = 6.95 MILES
NET LENGTH = 36,676.10 FT. = 6.95 MILES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED 08/17 20 11
Roger L. D...
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

October 14 20 11
Scott E. Stott P.E. Jr.
acting ENGINEER OF DESIGN AND ENVIRONMENT

October 14 20 11
Christine M. Reed
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

GENERAL NOTES

GENERAL NOTES (Cont'd)

SHEET NO.	ITEM
1	COVER SHEET
2	INDEX OF SHEETS AND GENERAL NOTES
3-4	SUMMARY OF QUANTITIES
5-8	TYPICAL SECTIONS
9	CONSTRUCTION DETAILS
10-14	SCHEDULE OF QUANTITIES
15-30	PLAN SHEETS
31-39	STAGE I CONSTRUCTION
40-48	STAGE II CONSTRUCTION
49-50	EROSION AND SEDIMENT CONTROL DETAILS
51-54	PAVEMENT MARKING DETAIL
55	HMA SHOULDER AND RUMBLE STRIP DETAIL
56	SURVEY MARKER VAULT
57-85	CROSS SECTIONS

THE FOLLOWING STANDARDS ARE A PART OF THESE PLANS AND ARE INCLUDED AFTER SHEET NO. 85:

STD. NO.	DESCRIPTION
000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-05	TEMPORARY EROSION CONTROL SYSTEMS
442201-03	CLASS C AND D PATCHES
482011-03	HMA SHLD. STRIPS/SHLDS. WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
667101-01	PERMANENT SURVEY MARKERS
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-03	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701011-02	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
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
701321-11	LANE CLOSURE, 2L, 2W, BRIDGE REPAIR WITH BARRIER
701326-04	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS >= 45 MPH
701901-01	TRAFFIC CONTROL DEVICES
704001-06	TEMPORARY CONCRETE BARRIER
780001-02	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
BLR 21-8	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS

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

THIS PROJECT IS LOCATED ON FAP ROUTE 741 (IL 105) IN MACON AND PIATT COUNTIES, FROM 0.3 MILES WEST OF SANGAMON ROAD IN MACON COUNTY TO IL 32 IN PIATT COUNTY. THE WORK INCLUDED IN SECTION (11,12)T CONSISTS OF CULVERT REMOVAL AND REPLACEMENT, MILLING, RAISING THE PROFILE WITH HOT-MIX ASPHALT BINDER COURSE IN 3 LOCATIONS, HMA SURFACE COURSE, HMA AND AGGREGATE SHOULDERS, EARTHWORK, PAVEMENT MARKING, AND ANY OTHER WORK NECESSARY TO COMPLETE THE SECTION.

PAVEMENT MARKING SHALL BE APPLIED IN ACCORDANCE WITH SECTION 780 OF THE STANDARD SPECIFICATIONS. SHORT TERM PAVEMENT MARKING SHALL BE APPLIED TO THE MILLED SURFACE, BITUMINOUS MATERIALS (PRIME COAT), BINDER COURSE, AND HOT-MIX ASPHALT SURFACE COURSE AS SPECIFIED IN SECTION 703 OF THE STANDARD SPECIFICATIONS. TEMPORARY TAPE SHALL BE USED ON THE SURFACE COURSE AND PAINT SHALL BE USED ON MILLED SURFACES.

THE TOTAL QUANTITY OF PAINT PAVEMENT MARKING-LINE 4" CONSISTS OF 73,417 FEET OF WHITE AND 10,777 FEET OF YELLOW.

THE TOTAL QUANTITY OF RAISED REFLECTIVE PAVEMENT MARKERS IS 71 TWO-WAY AMBER.

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

THE EXISTING PAVEMENT SHALL BE PATCHED IN ACCORDANCE WITH SECTION 442 OF THE STANDARD SPECIFICATIONS AND THE SPECIAL PROVISIONS. THE QUANTITY OF PATCHING SHOWN ON THE PLANS IS AN ESTIMATE ONLY AND THE FINAL LOCATIONS AND QUANTITY SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

THE PAY ITEM TEMPORARY RAMP HAS BEEN INCLUDED FOR THE CONSTRUCTION OF TEMPORARY RAMPS IN ACCORDANCE WITH ARTICLE 406.08 OF THE STANDARD SPECIFICATIONS. THE COST SHALL INCLUDE BOTH THE INSTALLATION AND THE REMOVAL OF THE TEMPORARY RAMPS.

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

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 ITEMS.

A FOG COAT OF BITUMINOUS MATERIALS PRIME COAT SHALL BE APPLIED TO ALL BINDER LIFTS. 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).

HMA BINDER COURSE SHALL BE PLACED IN LIFTS. THE LIFT THICKNESSES SHALL BE AS FOLLOWS. FROM STATION 210+50 TO STATION 225+70 LIFTS 1, 2, AND 3 ARE 6" AND LIFT 4 IS 3". FROM STATION 231+45 TO STATION 243+70 LIFTS 1 AND 2 ARE 6", LIFT 3 IS 5", LIFT 4 IS 3 3/4", AND LIFT 5 IS 2 1/4". FROM STATION 259+50 TO STATION 267+00 LIFTS 1 AND 2 ARE 6", LIFT 3 IS 3 3/4", AND LIFT 4 IS 2 1/4". THE HMA BINDER COURSE SHALL BE PLACED SO THAT THERE IS NO CENTERLINE OR EDGE DROPOFF AT THE END OF THE DAY. SHOULDERS IN THE ABOVE AREAS SHALL BE PLACED COENSIDING WITH THE BINDER LIFTS.

A UNIFORMLY STRAIGHT SAW CUT SHALL BE MADE AT LOCATIONS WHERE PROPOSED NEW CONSTRUCTION WILL ABUT EXISTING HOT-MIX ASPHALT SURFACES. THE SAW CUT SHALL BE MADE FULL DEPTH THROUGH THE EXISTING SURFACE. THIS WORK WILL BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT ITEMS INVOLVED AND NO EXTRA COMPENSATION WILL BE ALLOWED.

HMA BASE COURSE WIDENING SHALL INCLUDE ALL EXCAVATION FOR CONSTRUCTION OF THE WIDENING. THE WIDENING SHALL BE REMOVED PRIOR TO CONSTRUCTION OF HMA BINDER COURSE. REMOVAL SHALL BE INCLUDED IN THE COST OF HMA BASE COURSE WIDENING.

EXCAVATION REQUIRED FOR THE CONSTRUCTION OF HMA SHOULDERS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER UNIT FOR EXCAVATING AND GRADING EXISTING SHOULDERS.

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

MIXTURE USE:	SURFACE COURSE	BINDER COURSE
PG GRADE:	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ NDESIGN = 70	4.0% @ NDESIGN = 70
MIXTURE COMPOSITION:	IL-9.5	IL-19.0
FRICTION AGGREGATE:	MIXTURE C	N/A

MIXTURE USE:	HMA SHOULDERS (BOTTOM LIFTS)
PG GRADE:	PG 64-22
DESIGN AIR VOIDS:	4.0% @ NDESIGN = 30
MIXTURE COMPOSITION:	IL-19.0L
FRICTION AGGREGATE:	N/A

MIXTURE USE:	HMA SHOULDERS (TOP LIFT 1 1/2")
PG GRADE:	PG 64-22
DESIGN AIR VOIDS:	4.0% @ NDESIGN = 30
MIXTURE COMPOSITION:	IL-9.5L
FRICTION AGGREGATE:	MIXTURE C

MIXTURE USE:	PATCHING	INCIDENTAL
PG GRADE:	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ NDESIGN = 70	4.0% @ NDESIGN = 70
MIXTURE COMPOSITION:	IL-19.0	IL-9.5
FRICTION AGGREGATE:	N/A	MIXTURE C

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

AGGREGATE SURFACE COURSE	2.05 TONS/CU YD
AGGREGATE SHOULDERS	2.05 TONS/CU YD
BITUMINOUS MATERIALS (PRIME COAT)	0.10 GAL/SQ YD
AGGREGATE (PRIME COAT)	4 LBS/SQ YD
HOT-MIX ASPHALT	112 LBS/SQ YD/INCH

• MACON & PIATT

FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS AND GENERAL NOTES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\pwork\swartzw\d0156168\d774	422-sht-index.dgn	DRAWN -	REVISED -			741	(11,12)T	*	85	2
	PLOT SCALE = 100.0000' / 1"	CHECKED -	REVISED -			CONTRACT NO. 74422				
	PLOT DATE = 8/16/2011	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
				SCALE: NA	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.			

90% FED.
10% STATE

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0021 URBAN MACON	0021 RURAL MACON	0021 RURAL PIATT
20200100	EARTH EXCAVATION	CU YD	769	116	653	
20200600	EXCAVATING AND GRADING EXISTING SHOULDER	UNIT	679	103	487	89
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	72		72	
20400800	FURNISHED EXCAVATION	CU YD	2961	592	2369	
*25000200	SEEDING, CLASS 2	ACRE	2.5	0.5	2	
*25000400	NITROGEN FERTILIZER NUTRIENT	POUND	218	40	178	
*25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	218	40	178	
*25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	218	40	178	
*25000700	AGRICULTURAL GROUND LIMESTONE	TON	5	1	4	
*25100115	MULCH, METHOD 2	ACRE	2.5	0.5	2	
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	242	44	198	
28000305	TEMPORARY DITCH CHECKS	FOOT	160	40	120	
28000500	INLET AND PIPE PROTECTION	EACH	8	2	6	
35600716	HOT-MIX ASPHALT BASE COURSE WIDENING, 10"	SQ YD	162		162	
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	56		56	
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	2403	340	2063	
40600300	AGGREGATE (PRIME COAT)	TON	48	7	41	
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	347	139	208	
40600990	TEMPORARY RAMP	SQ YD	83	14	69	
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	6472	1069	5403	
40603315	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70	TON	1319	148	1171	
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	32	13	19	
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	7014		7014	
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	8333	1630	6703	
44004250	PAVED SHOULDER REMOVAL	SQ YD	3349	173	2774	402
44201909	CLASS D PATCHES, TYPE IV, 25 INCH	SQ YD	464		464	
48101200	AGGREGATE SHOULDERS, TYPE B	TON	3559	566	2499	494
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	22472	3750	15776	2946
48203043	HOT-MIX ASPHALT SHOULDERS, 11 1/2"	SQ YD	3789	708	3081	
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1		1	
50105220	PIPE CULVERT REMOVAL	FOOT	267	50	217	
54001001	BOX CULVERT END SECTIONS, CULVERT NO. 1	EACH	2		2	
54001002	BOX CULVERT END SECTIONS, CULVERT NO. 2	EACH	4		4	

* SPECIALTY ITEM

• MACON & PIATT

FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ct:\pw\work\pwidth\swartzw\d0156168\d774422-sht-soq.dgn		DRAWN -	REVISED -		SCALE: NA	SHEET NO. 1 OF 2 SHEETS	STA.	TO STA.	741	(11,12)T	•	85	3
	PLOT SCALE = 100.0000 / 1 in.	CHECKED -	REVISED -		CONTRACT NO. 74422								
	PLOT DATE = 8/16/2011	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

SUMMARY OF QUANTITIES (Cont'd)			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0021 URBAN MACON	0021 RURAL MACON	0021 RURAL PIATT
54001003	BOX CULVERT END SECTIONS, CULVERT NO. 3	EACH	2		2	
54020602	PRECAST CONCRETE BOX CULVERT 6' X 2' (M273)	FOOT	56		56	
54021002	PRECAST CONCRETE BOX CULVERT 10' X 2' (M273)	FOOT	56		56	
54021202	PRECAST CONCRETE BOX CULVERTS 12' X 2' (M273)	FOOT	124		124	
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	2		2	
54213666	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 21"	EACH	6	2	4	
542A0223	PIPE CULVERTS, CLASS A, TYPE 1 18"	FOOT	40		40	
542A0226	PIPE CULVERTS, CLASS A, TYPE 1 21"	FOOT	152	56	96	
64200105	SHOULDER RUMBLE STRIPS	FOOT	67945	10326	48687	8932
66700205	PERMANENT SURVEY MARKERS, TYPE I	EACH	1		1	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	1	4	1
67100100	MOBILIZATION	L SUM	1	0.1	0.8	0.1
70100405	TRAFFIC CONTROL AND PROTECTION, STANDARD 701321	EACH	3		3	
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1		1	
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	0.1	0.8	0.1
70101830	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	L SUM	1	0.5	0.5	
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	12	2	8	2
70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	3		3	
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	2256	256	2000	
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	84194	12002	61707	10485
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SO FT	188	21	167	
70400100	TEMPORARY CONCRETE BARRIER	FOOT	800	75	725	
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	487.5	75	412.5	
*78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	84194	12002	61707	10485
*78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	71	8	63	
Z0023602	GRANULAR CULVERT BACKFILL	CU YD	50		50	
Z0030250	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	EACH	6	1	5	
Z0030260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	2		2	
Z0030350	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3	EACH	6	1	5	
Z0054505	ROCK FILL - REPLACEMENT	TON	148		148	
Z0070202	SURVEY MARKER VAULT	EACH	1		1	

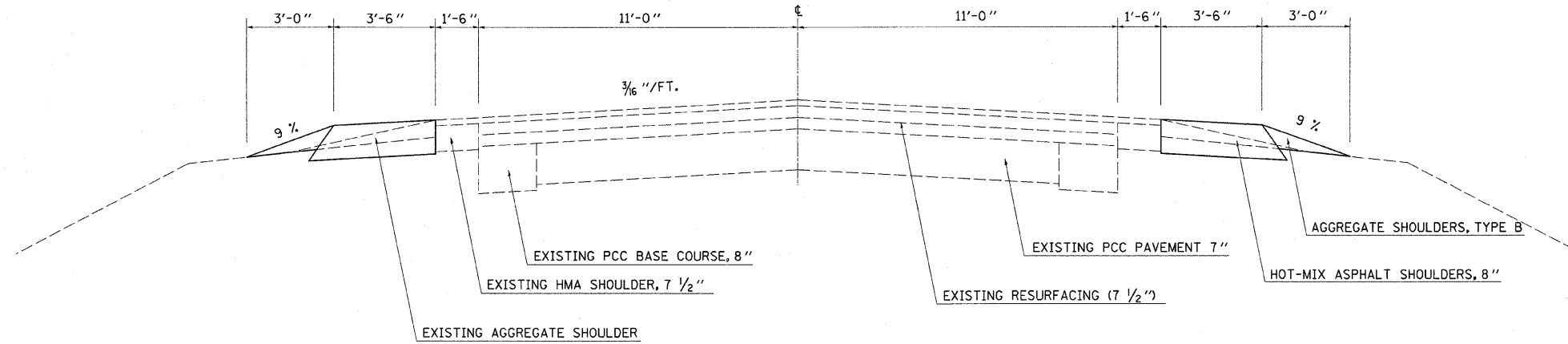
* SPECIALTY ITEM

* MACON & PIATT

FILE NAME =	USER NAME = swartzrw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwwork\pwwork\swartzrw\d0156168\77422-sht-soq.dgn		DRAWN -	REVISED -		SCALE: NA	SHEET NO. 2 OF 2 SHEETS	STA.	TO STA.	741	(11,12)T	*	85	4
		CHECKED -	REVISED -								CONTRACT NO. 74422		
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

TYPICAL CROSS SECTION

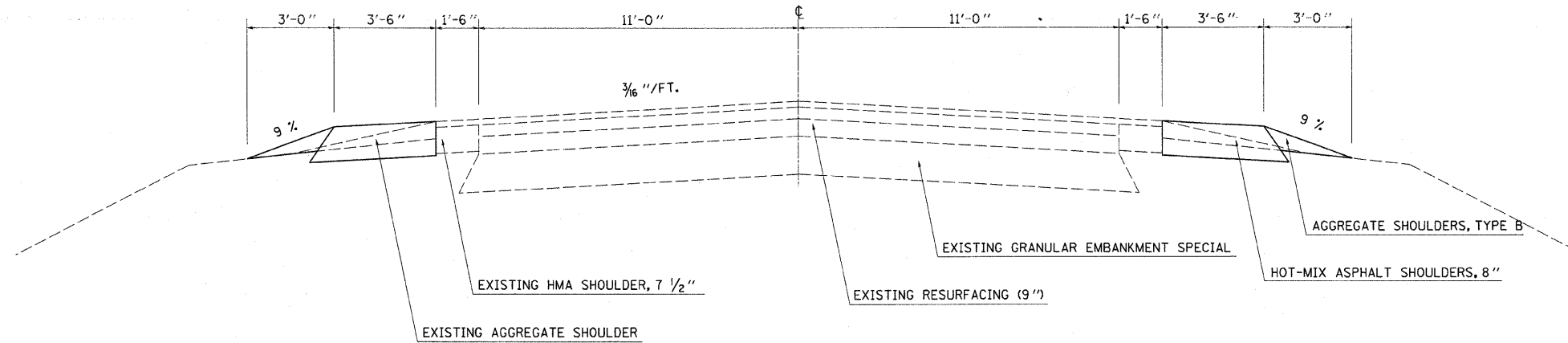
STATION 163+53 TO STATION 171+15
 STATION 179+76 TO STATION 182+19
 STATION 201+00 TO STATION 210+50



NOTE: NOT DRAWN TO SCALE

TYPICAL CROSS SECTION

STATION 171+15 TO STATION 179+76
 STATION 182+19 TO STATION 188+92



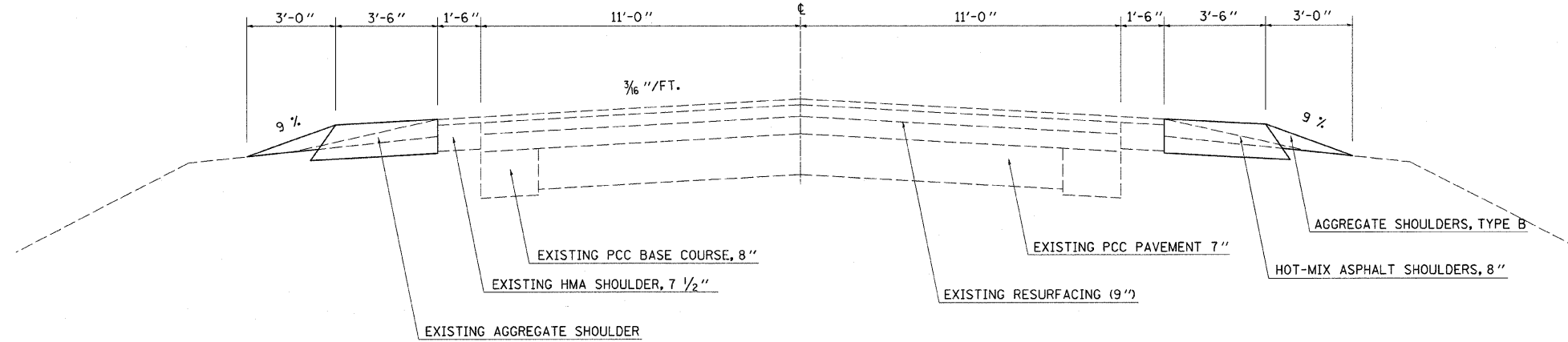
NOTE: NOT DRAWN TO SCALE

• MACON & PIATT

FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw\work\pwsdot\swartzw\0156168\477422-shr-typical.sldgn		DRAWN -	REVISED -		741	(1L12)T		85	5			
PLOT SCALE = 50,0000' / in.		CHECKED -	REVISED -		SCALE: NA SHEET NO. 1 OF 4 SHEETS STA. TO STA.			CONTRACT NO. 74422				
PLOT DATE = 8/16/2011		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

TYPICAL CROSS SECTION

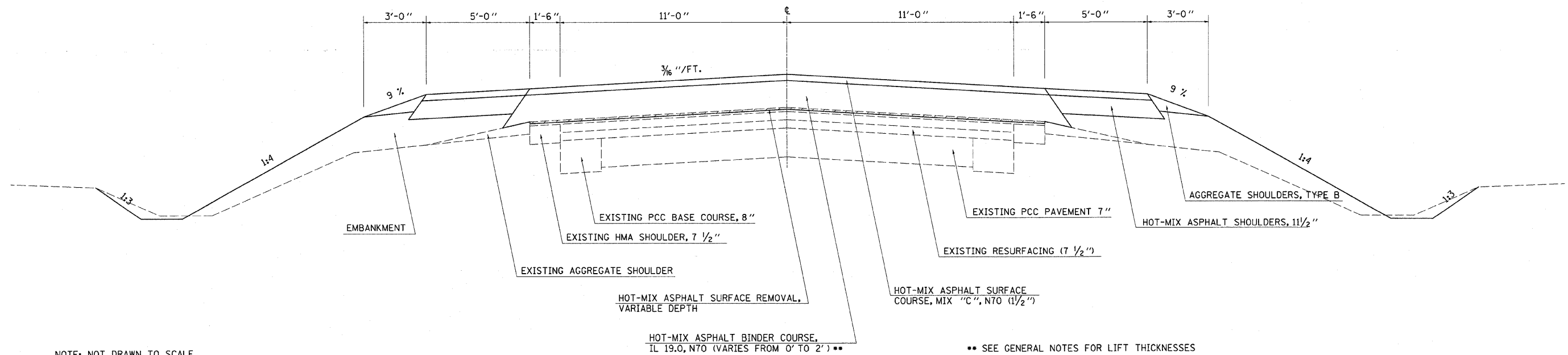
STATION 188+92 TO STATION 201+00
 STATION 303+00 TO STATION 317+00
 STATION 362+64 TO STATION 401+00
 STATION 410+00 TO STATION 530+60



NOTE: NOT DRAWN TO SCALE

TYPICAL CROSS SECTION

STATION 210+50 TO STATION 225+70
 STATION 231+45 TO STATION 243+70
 STATION 259+50 TO STATION 267+00



NOTE: NOT DRAWN TO SCALE

HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH

HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70 (1 1/2")

HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N70 (VARIES FROM 0' TO 2') **

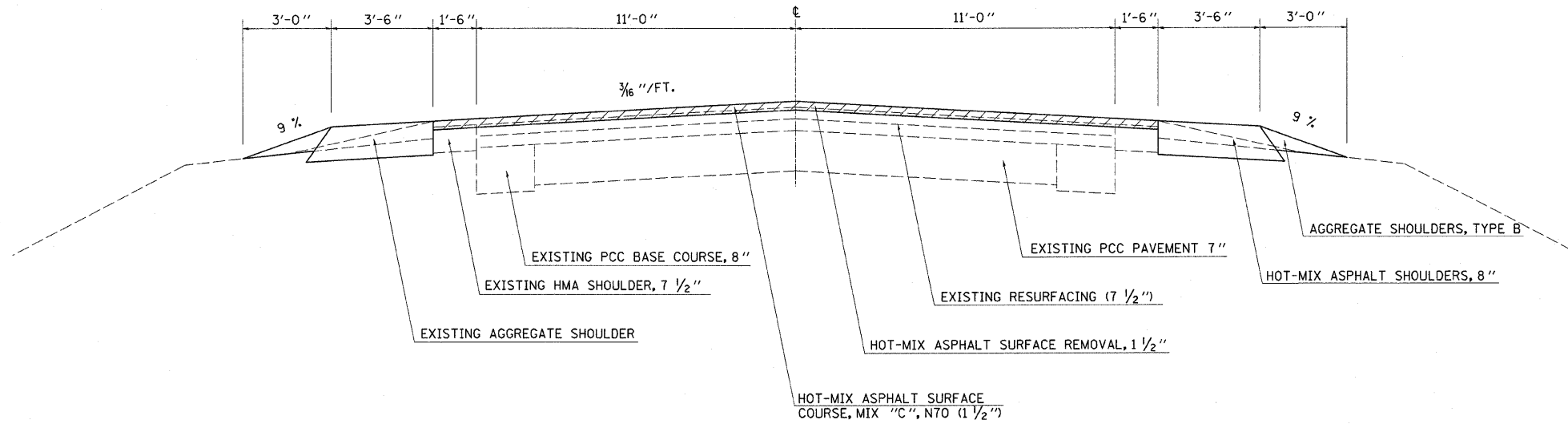
** SEE GENERAL NOTES FOR LIFT THICKNESSES

• MACON & PIATT

FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\pwork\swartzw\d0156168\d774	22-shr-typicals.dgn	DRAWN -	REVISED -		SCALE: NA	SHEET NO. 2 OF 4 SHEETS	STA. TO STA.	741	(11,12)T	•	85	6
	PLOT SCALE = 50.0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 74422							
	PLOT DATE = 8/16/2011	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

TYPICAL CROSS SECTION

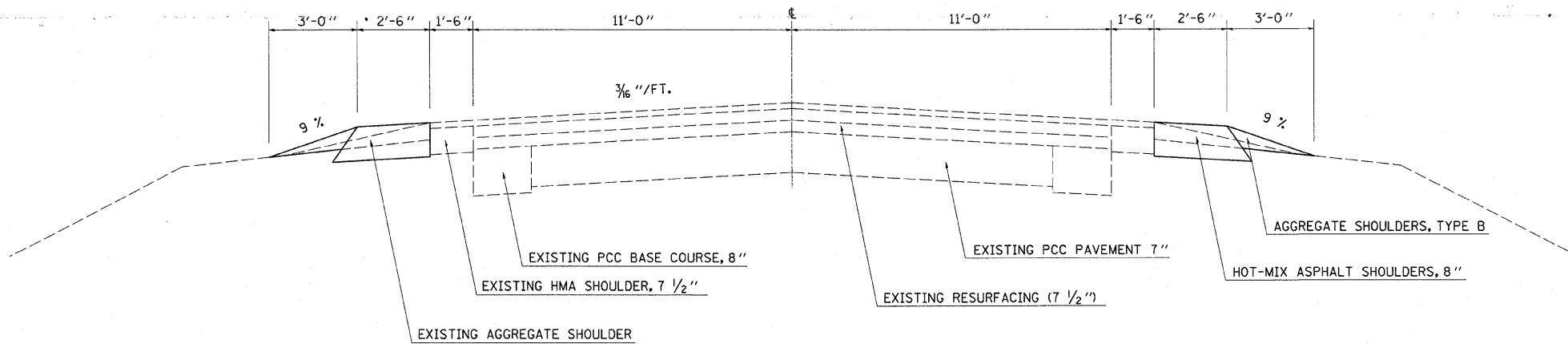
STATION 225+70 TO STATION 231+45
STATION 243+70 TO STATION 259+50



NOTE: NOT DRAWN TO SCALE

TYPICAL CROSS SECTION

STATION 267+00 TO STATION 303+00
STATION 317+00 TO STATION 335+00
STATION 401+00 TO STATION 410+00



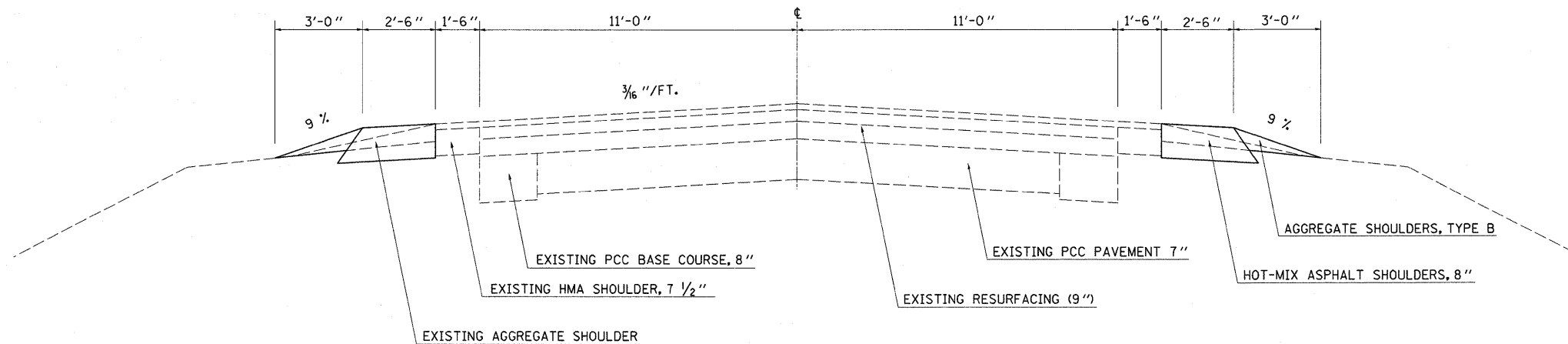
NOTE: NOT DRAWN TO SCALE

• MACON & PIATT

FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwwork\pwwork\swartzw\d0156168\d77422-sh-typicels.dgn		DRAWN -	REVISED -		741	(11,12)T		85	7			
PLOT SCALE = 50.0000' / in.		CHECKED -	REVISED -		SCALE: NA SHEET NO. 3 OF 4 SHEETS STA. TO STA.			CONTRACT NO. 74422				
PLOT DATE = 8/16/2011		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

TYPICAL CROSS SECTION

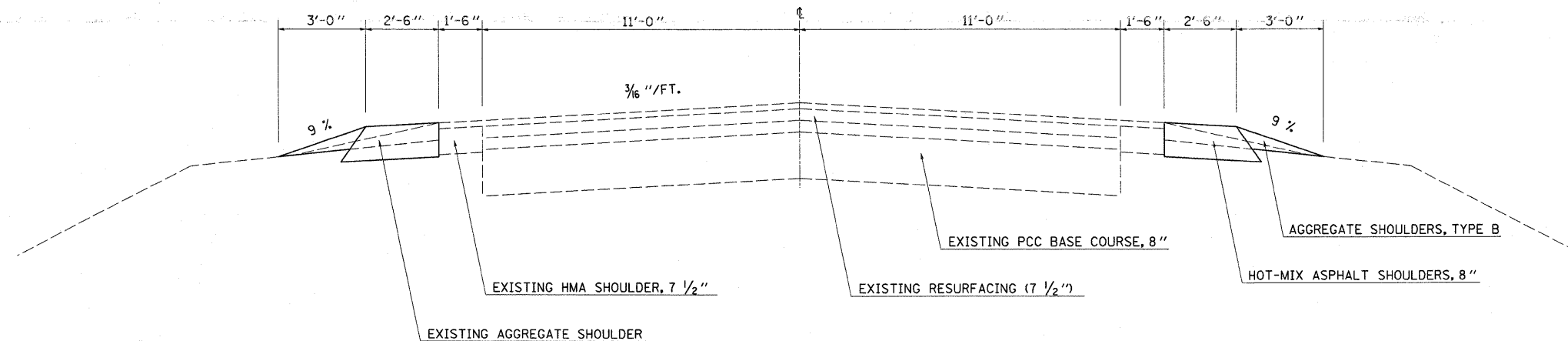
STATION 303+00 TO STATION 317+00
 STATION 362+64 TO STATION 401+00
 STATION 410+00 TO STATION 530+60



NOTE: NOT DRAWN TO SCALE

TYPICAL CROSS SECTION

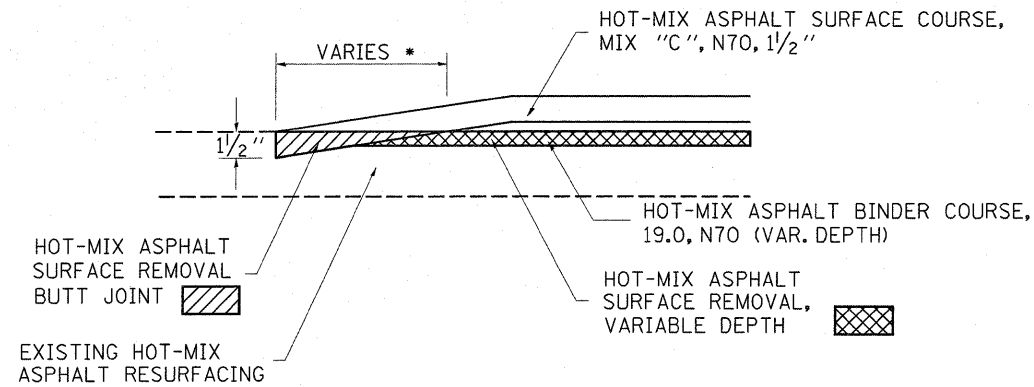
STATION 335+00 TO STATION 349+13.88 (BRIDGE OMISSION)
 (BRIDGE OMISSION) STATION 349+46.13 TO STATION 362+64



NOTE: NOT DRAWN TO SCALE

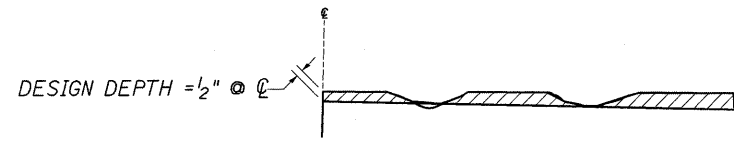
• MACON & PIATT

FILE NAME =	USER NAME = swartzrw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pw\work\p1\dot\swartzrw\d0156168\d77422-shr-typicals.dgn		DRAWN -	REVISED -		SCALE: NA	SHEET NO. 4 OF 4 SHEETS	STA. TO STA.	741	(11,12)T	*	85	8
		CHECKED -	REVISED -									CONTRACT NO. 74422
		DATE -	REVISED -									ILLINOIS FED. AID PROJECT



BUTT JOINT DETAIL

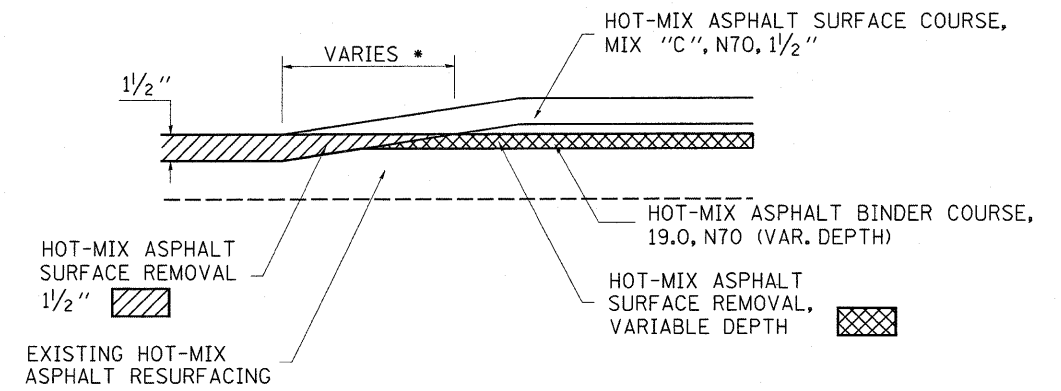
STA. 210+50 TO STA. 211+00 * (50')
 STA. 266+25 TO STA. 267+00 * (75')



NOTES:

1. MILLING SHALL BE DONE TO ATTAIN A $\frac{3}{16}$ "/' SLOPE IN CROWN SECTIONS
2. EXISTING S.E. AND S.E. TRANSITIONS SHALL BE MAINTAINED UNLESS OTHERWISE SHOWN ON THE PLANS.
3. MILLING TO THE BOTTOM OF WHEEL RUTS SHALL NOT BE NECESSARY UNLESS REQUIRED TO OBTAIN SLOPE OR THE DESIGN DEPTH AT CENTERLINE.
4. THE AVERAGE DEPTH OF MILLING IS ESTIMATED TO BE $\frac{1}{2}$ " BUT MAY VARY IN ISOLATED LOCATIONS.

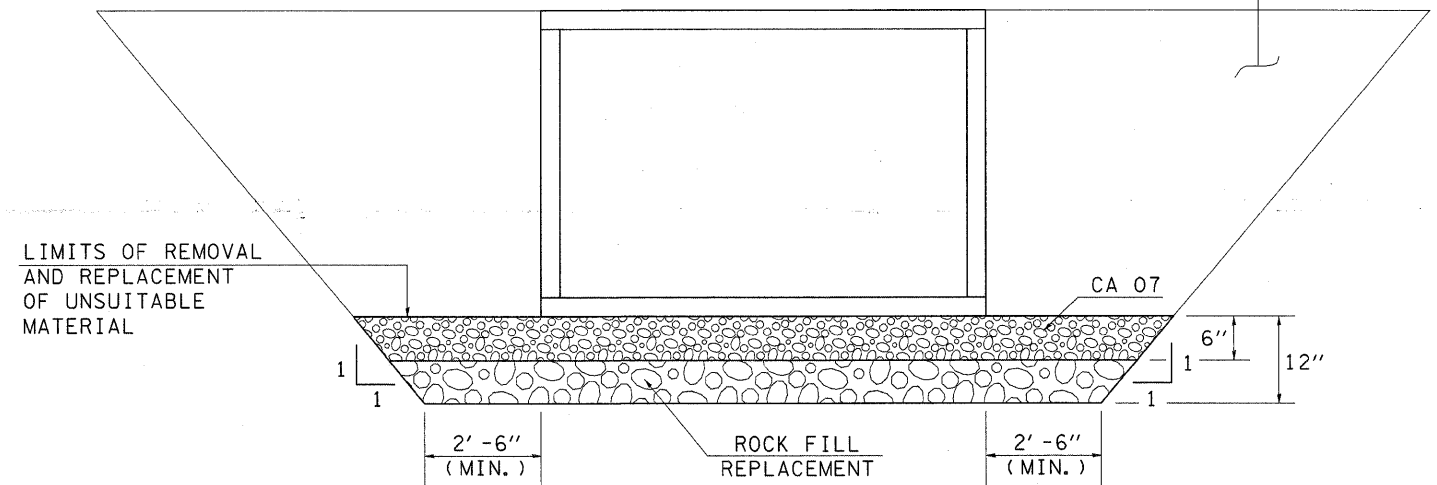
HOT-MIX ASPHALT SURFACE REMOVAL (VARIABLE DEPTH) DETAIL



BUTT JOINT DETAIL

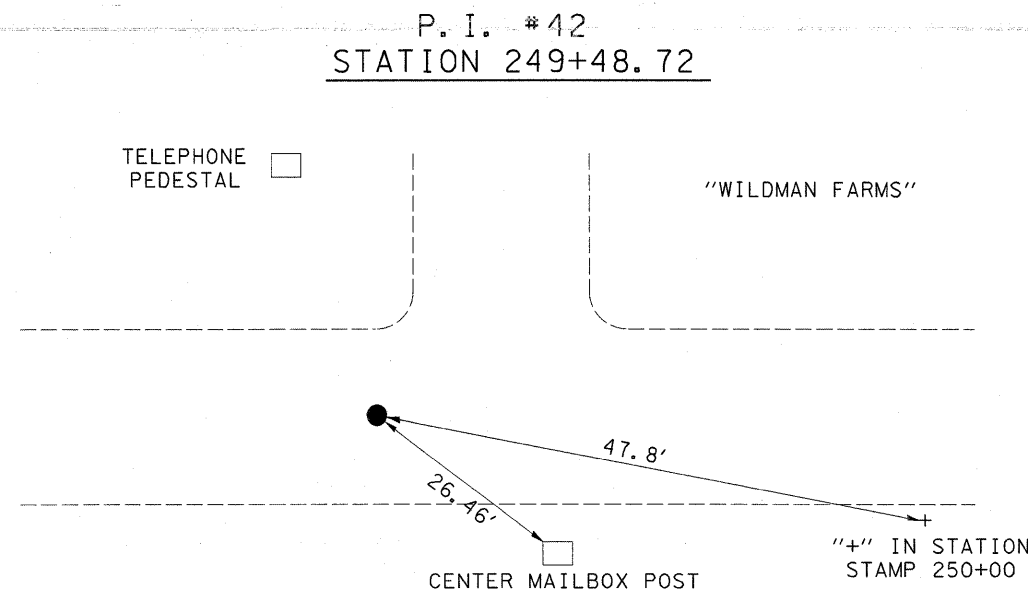
STA. 224+75 TO STA. 225+70 * (95')
 STA. 231+45 TO STA. 232+25 * (80')
 STA. 242+50 TO STA. 243+70 * (120')
 STA. 259+50 TO STA. 260+25 * (75')

GRANULAR CULVERT BACKFILL WITHIN LIMITS OF PROPOSED ROADWAY AND PAVED SHOULDERS. OUTSIDE LIMITS OF PAVED SHOULDERS THE CULVERT SHALL BE BACKFILLED IN ACCORDANCE WITH SECTION 502 OF THE STANDARD SPECIFICATIONS.



CULVERT UNDERCUT DETAIL

NOTE:
 THE LIMITS AND QUANTITIES SHOWN ARE ESTIMATED. THE FINAL DEPTH OF UNDERCUT WILL BE DETERMINED BY THE ENGINEER AT THE TIME OF CONSTRUCTION.



FILE NAME =	USER NAME = swartzrw	DESIGNED -	REVISED -
ea:\pwork\pwork\swartzrw\d0156168\d77422-shr-details.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CONSTRUCTION DETAILS		
SCALE: NA	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
741	(11,12)T		85	9
CONTRACT NO. 74422				
ILLINOIS FED. AID PROJECT				

• MACON & PIATT

RESURFACING SCHEDULE	LENGTH	PAVEMENT WIDTH	AREA	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	HOT-MIX ASPHALT SURFACE REMOVAL 1 1/2"	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	BITUMINOUS MATERIALS (PRIME COAT)	AGGREGATE (PRIME COAT)	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70	HOT-MIX ASPHALT BINDER COURSE, 1L-19.0, N90	HOT-MIX ASPHALT SHOULDERS, 1 1/2"	AGGREGATE SHOULDERS, TYPE B	TEMPORARY RAMP
163+53.00 TO 210+50.00	4697.0	25.0	13047.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	493.8	0.0
210+50.00 TO 211+00.00	50.0	25.0	138.9	0.0	0.0	138.9	13.9	0.3	11.7	0.0	55.6	5.7	13.9
211+00.00 TO 216+87.00	587.0	25.0	1630.6	1630.6	0.0	0.0	326.1	6.5	137.0	1001.7	652.2	66.9	0.0
216+87.00 TO 224+75.00	788.0	25.0	2188.9	2188.9	0.0	0.0	437.8	8.8	183.9	1889.5	819.4	71.4	0.0
224+75.00 TO 225+70.00	95.0	25.0	263.9	0.0	263.9	0.0	26.4	0.5	22.2	0.0	105.6	10.8	13.9
225+70.00 TO 231+45.00	575.0	25.0	1597.2	0.0	1597.2	0.0	159.7	3.2	134.2	0.0	33.7	33.7	0.0
231+45.00 TO 232+25.00	80.0	25.0	222.2	0.0	222.2	0.0	22.2	0.4	18.7	0.0	88.9	9.1	13.9
232+25.00 TO 242+50.00	1025.0	25.0	2847.2	2847.2	0.0	0.0	569.4	11.4	239.2	2453.5	1138.9	116.7	0.0
242+50.00 TO 243+70.00	120.0	25.0	333.3	0.0	333.3	0.0	33.3	0.7	28.0	0.0	133.3	9.2	13.9
243+70.00 TO 259+50.00	1580.0	25.0	4388.9	0.0	4388.9	0.0	438.9	8.8	368.7	0.0	140.3	140.3	0.0
259+50.00 TO 260+25.00	75.0	25.0	208.3	0.0	208.3	0.0	20.8	0.4	17.5	0.0	83.3	8.5	13.9
260+25.00 TO 266+25.00	600.0	25.0	1666.7	1666.7	0.0	0.0	333.3	6.7	140.0	948.2	628.3	60.5	0.0
266+25.00 TO 267+00.00	75.0	25.0	208.3	0.0	0.0	208.3	20.8	0.4	17.5	0.0	83.3	8.5	13.9
267+00.00 TO 339+01.36	7201.4	25.0	20003.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	621.2	0.0
339+01.36 BK= 339+00.00 AH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
339+00.00 TO 349+13.88	1013.9	25.0	2816.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.6	0.0
349+13.88 TO 349+46.13	32.3	25.0	89.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
349+46.13 TO 484+00.00	13453.9	25.0	37371.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1308.7	0.0
484+00.00 TO 530+60.00	4660.0	25.0	12944.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	493.6	0.0
TOTALS =				8333.0	7014.0	347.0	2403.0	48.0	1319.0	6293.0	3789.0	3559.0	83.0

EARTHWORK SCHEDULE	EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (25%)	EARTH FILL	EARTHWORK BALANCE, WASTE (+) OR SHORTAGE (-)
210+50.00 TO 216+87.00	116.4	87.3	679.5	-592.2
216+87.00 TO 225+70.00	215.9	161.9	900.3	-738.3
231+45.00 TO 243+70.00	336.8	252.6	1306.6	-1054.0
259+50.00 TO 267+00.00	100.1	75.1	651.7	-576.6
TOTALS =	769.0	577.0	3538.0	-2961.0

• MACON & PIATT

FILE NAME =	USER NAME = swartzrn	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ca:\pe_work\pwidot\swartzrn\d0156168\d77422-sht-schedule.dgn	PLOT SCALE = 50.0000' / in.	DRAWN -	REVISED -					741	(11,12)T	•	85	10
PLOT DATE = 9/16/2011	DATE -	CHECKED -	REVISED -		CONTRACT NO. 74422			ILLINOIS FED. AID PROJECT				
					SCALE: NA	SHEET NO. 1 OF 5 SHEETS	STA. TO STA.					

DRAINAGE SCHEDULE	PIPE CULVERT REMOVAL	REMOVAL OF EXISTING STRUCTURES	PRECAST CONCRETE BOX CULVERT 6' X 2' (M273)	PRECAST CONCRETE BOX CULVERT 10' X 2' (M273)	PRECAST CONCRETE BOX CULVERT 12' X 2' (M273)	BOX CULVERT END SECTIONS, CULVERT NO. 1	BOX CULVERT END SECTIONS, CULVERT NO. 2	BOX CULVERT END SECTIONS, CULVERT NO. 3	PIPE CULVERTS, CLASS A, TYPE 1 18"	PIPE CULVERTS, CLASS A, TYPE 1 21"	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 21"	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	ROCK FILL - REPLACEMENT	GRANULAR CULVERT BACKFILL
LOCATION	FOOT	EACH	FOOT	FOOT	FOOT	EACH	EACH	EACH	FOOT	FOOT	EACH	EACH	CU YD	TON	CU YD
RT 216+87	52.0									56.0		2.0			
LT 216+87	48.0									56.0		2.0			
217+29	50.0			56.0		2.0							17.8	36.4	15.6
RT 218+11	26.0								40.0		2.0				
235+57					124.0		4.0						41.1	84.3	19.2
235+95		1.0													
262+15	56.0		56.0					2.0					13.3	27.3	15.6
RT 263+19	35.0								40.0			2.0			
TOTALS =	267.0	1.0	56.0	56.0	124.0	2.0	4.0	2.0	40.0	152.0	2.0	6.0	72.0	148.0	50.0

ENTRANCE SCHEDULE	ENTRANCE TYPE	AGGREGATE SURFACE COURSE, TYPE B	HOT-MIX ASPHALT BINDER COURSE, IL-19-O, N90	INCIDENTAL HOT-MIX ASPHALT SURFACING
LOCATION		TON	TON	TON
LT 216+87	PRA		68.1	12.5
RT 216+87	PRA		65.8	12.8
RT 218+11	FE	53.4		
LT 243+38	FE	2.5		
RT 263+19	PE		44.7	6.5
TOTALS	0.0	56.0	179.0	32.0

PAVEMENT MARKING SCHEDULE	LENGTH	PAINT PAVEMENT MARKING - LINE 4" WHITE	PAINT PAVEMENT MARKING - LINE 4" YELLOW	TEMPORARY PAVEMENT MARKING - LINE 4"	SHORT-TERM PAVEMENT MARKING	WORK ZONE PAVEMENT MARKING REMOVAL	RAISED REFLECTIVE PAVEMENT MARKER
STATION TO STATION	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT	EACH
163+53.00 TO 210+50.00	4697.0	9394.0	1174.3	10568.3	0.0	0.0	0.0
210+50.00 TO 216+87.00	637.0	1274.0	159.3	1433.3	256.0	21.3	8.0
216+87.00 TO 267+00.00	5013.0	10026.0	1253.3	11279.3	2000.0	166.7	63.0
267+00.00 TO 339+01.36	7201.4	14402.7	1800.3	16203.1	0.0	0.0	0.0
339+01.36 BK= 339+00.00 AH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
339+00.00 TO 389+53.00	5053.0	10106.0	1263.3	11369.3	0.0	0.0	0.0
389+53.00 TO 397+15.00	762.0	1524.0	952.5	2476.5	0.0	0.0	0.0
397+15.00 TO 399+46.00	231.0	462.0	57.8	519.8	0.0	0.0	0.0
399+46.00 TO 407+84.00	838.0	1676.0	1047.5	2723.5	0.0	0.0	0.0
407+84.00 TO 484+00.00	7616.0	15232.0	1904.0	17136.0	0.0	0.0	0.0
484+00.00 TO 530+60.00	4660.0	9320.0	1165.0	10485.0	0.0	0.0	0.0
TOTALS =		73417.0	10777.0	84194.0	2256.0	188.0	71.0

SEEDING SCHEDULE	SEEDING, CLASS 2	TEMPORARY EROSION CONTROL SEEDING	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	MULCH, METHOD 2	AGRICULTURAL GROUND LIMESTONE
STATION TO STATION	ACRE	POUND	POUND	POUND	POUND	ACRE	TON
210+50.0 TO 216+87.0	0.46	46.00	41.40	41.40	41.40	0.46	0.92
216+87.0 TO 225+70.0	0.60	60.00	54.00	54.00	54.00	0.60	1.20
231+45.0 TO 243+70.0	0.87	87.00	78.30	78.30	78.30	0.87	1.74
259+50.0 TO 267+00.0	0.49	49.00	44.10	44.10	44.10	0.49	0.98
TOTALS =	2.50	242.00	218.00	218.00	218.00	2.50	4.80

• MACON & PIATT

SHOULDER SCHEDULE	LENGTH	PROPOSED SHOULDER WIDTH	PAVED SHOULDER REMOVAL	EXCAVATING AND GRADING SHOULDER	HOT-MIX ASPHALT SHOULDERS, 8"	SHOULDER RUMBLE STRIPS
	FOOT	FOOT	SQ YD	UNIT	SQ YD	FOOT
EASTBOUND						
163+53 TO 167+75	422.0	3.5	0.0	4.2	164.1	422.0
167+75 TO 169+00	125.0	5.0	20.8	1.3	69.4	125.0
169+00 TO 193+83	2483.0	3.5	0.0	23.3	906.5	2331.0
193+83 TO 194+40	57.0	5.0	9.5	0.6	31.7	57.0
194+40 TO 204+55	1015.0	3.5	0.0	9.7	377.6	971.0
204+55 TO 208+00	345.0	5.0	57.5	3.5	191.7	345.0
208+00 TO 208+95	95.0	3.5	0.0	1.0	36.9	95.0
208+95 TO 209+82	87.0	5.0	14.5	0.9	48.3	87.0
209+82 TO 210+50	68.0	3.5	0.0	0.7	26.4	68.0
210+50 TO 216+87	637.0	5.0	0.0	6.4	0.0	637.0
216+87 TO 225+70	883.0	5.0	0.0	7.8	0.0	782.0
225+70 TO 229+45	375.0	3.5	0.0	2.5	95.3	245.0
229+45 TO 229+79	34.0	5.0	5.7	0.3	18.9	34.0
229+79 TO 231+45	166.0	3.5	0.0	0.8	32.7	84.0
231+45 TO 243+70	1225.0	5.0	0.0	12.3	0.0	1225.0
243+70 TO 245+62	192.0	5.0	32.0	1.9	106.7	192.0
245+62 TO 259+50	1388.0	3.5	0.0	12.5	485.7	1249.0
259+50 TO 267+00	750.0	5.0	0.0	6.8	0.0	681.0
267+00 TO 267+87	87.0	4.0	14.5	0.9	38.7	87.0
267+87 TO 272+37	450.0	2.5	0.0	3.3	92.5	333.0
272+37 TO 272+71	34.0	4.0	5.7	0.3	15.1	34.0
272+71 TO 276+51	380.0	2.5	0.0	3.8	105.6	380.0
276+51 TO 278+97	246.0	4.0	41.0	2.5	109.3	246.0
278+97 TO 282+39	342.0	2.5	0.0	3.4	95.0	342.0
282+39 TO 283+83	144.0	4.0	24.0	1.4	64.0	144.0
283+83 TO 285+42	159.0	2.5	0.0	1.6	44.2	159.0
285+42 TO 285+95	53.0	4.0	8.8	0.4	19.1	43.0
285+95 TO 286+56	61.0	2.5	0.0	0.0	1.1	4.0
286+56 TO 287+50	94.0	4.0	15.7	0.9	38.2	86.0
287+50 TO 288+33	83.0	2.5	0.0	0.0	1.1	4.0
288+33 TO 289+90	157.0	4.0	26.2	1.6	69.8	157.0
289+90 TO 292+35	245.0	2.5	0.0	2.5	68.1	245.0
292+35 TO 293+92	157.0	4.0	26.2	1.6	69.8	157.0

SHOULDER SCHEDULE (Cont'd)	LENGTH	PROPOSED SHOULDER WIDTH	PAVED SHOULDER REMOVAL	EXCAVATING AND GRADING SHOULDER	HOT-MIX ASPHALT SHOULDERS, 8"	SHOULDER RUMBLE STRIPS
	FOOT	FOOT	SQ YD	UNIT	SQ YD	FOOT
293+92 TO 294+90	98.0	2.5	0.0	1.0	27.2	98.0
294+90 TO 296+98	208.0	4.0	34.7	2.1	92.4	208.0
296+98 TO 297+41	43.0	2.5	0.0	0.4	11.9	43.0
297+41 TO 298+68	127.0	4.0	21.2	0.7	32.0	72.0
298+68 TO 299+61	93.0	2.5	0.0	0.5	14.7	53.0
299+61 TO 308+99	938.0	4.0	156.3	8.8	392.9	884.0
308+99 TO 309+69	70.0	2.5	0.0	0.7	19.4	70.0
309+69 TO 310+80	111.0	4.0	18.5	1.1	49.3	111.0
310+80 TO 314+94	414.0	2.5	0.0	3.1	86.9	313.0
314+94 TO 317+75	281.0	4.0	46.8	2.8	124.9	281.0
317+75 TO 319+89	214.0	2.5	0.0	1.4	39.7	143.0
319+89 TO 320+93	104.0	4.0	17.3	1.0	46.2	104.0
320+93 TO 322+24	131.0	2.5	0.0	1.3	36.4	131.0
322+24 TO 322+89	65.0	4.0	10.8	0.7	28.9	65.0
322+89 TO 324+31	142.0	2.5	0.0	0.6	16.1	58.0
324+31 TO 325+47	116.0	4.0	19.3	1.2	51.6	116.0
325+47 TO 333+06	759.0	2.5	0.0	6.4	176.7	636.0
333+06 TO 336+88	382.0	4.0	63.7	3.8	169.8	382.0
336+88 TO 338+20	132.0	2.5	0.0	0.7	18.9	68.0
338+20 TO 339+00	80.0	4.0	13.3	0.8	35.6	80.0
339+00 TO 339+01	1.4	2.5	0.0	0.0	0.4	1.4
339+01 BK = 339+00.00 A	0.0	0.0	0.0	0.0	0.0	0.0
339+00 TO 342+39	339.0	2.5	0.0	2.7	74.4	268.0
342+39 TO 343+27	88.0	4.0	14.7	0.9	39.1	88.0
343+27 TO 344+66	139.0	2.5	0.0	1.4	38.6	139.0
344+66 TO 345+57	91.0	4.0	15.2	0.9	40.4	91.0
345+57 TO 349+14	356.9	2.5	0.0	3.6	99.1	356.9
349+14 TO 349+46	32.3	0.0	0.0	0.0	0.0	0.0
349+46 TO 350+59	112.9	2.5	0.0	1.1	31.4	112.9
350+59 TO 351+10	51.0	4.0	8.5	0.5	22.7	51.0
351+10 TO 351+60	50.0	2.5	0.0	0.5	13.9	50.0
351+60 TO 355+10	350.0	4.0	58.3	3.0	131.6	296.0
355+10 TO 369+55	1445.0	2.5	0.0	13.3	368.3	1326.0
369+55 TO 371+83	228.0	4.0	38.0	2.3	101.3	228.0

SHOULDER SCHEDULE (Cont'd)	LENGTH	PROPOSED SHOULDER WIDTH	PAVED SHOULDER REMOVAL	EXCAVATING AND GRADING SHOULDER	HOT-MIX ASPHALT SHOULDERS, 8"	SHOULDER RUMBLE STRIPS
	FOOT	FOOT	SQ YD	UNIT	SQ YD	FOOT
371+83 TO 373+73	190.0	2.5	0.0	1.9	52.8	190.0
373+73 TO 377+67	394.0	4.0	65.7	3.9	175.1	394.0
377+67 TO 379+61	194.0	2.5	0.0	1.5	42.8	154.0
379+61 TO 383+30	369.0	4.0	61.5	3.7	164.0	369.0
383+30 TO 383+93	63.0	2.5	0.0	0.6	17.5	63.0
383+93 TO 386+90	297.0	4.0	49.5	3.0	132.0	297.0
386+90 TO 401+27	1437.0	2.5	0.0	13.7	381.1	1372.0
401+27 TO 402+87	160.0	4.0	26.7	1.2	54.7	123.0
402+87 TO 404+77	190.0	2.5	0.0	1.9	52.8	190.0
404+77 TO 405+67	90.0	4.0	15.0	0.3	13.3	30.0
405+67 TO 408+97	330.0	2.5	0.0	2.9	79.4	286.0
408+97 TO 411+66	269.0	4.0	44.8	2.7	119.6	269.0
411+66 TO 412+74	108.0	2.5	0.0	1.1	30.0	108.0
412+74 TO 415+66	292.0	4.0	48.7	2.9	129.8	292.0
415+66 TO 417+97	231.0	2.5	0.0	2.3	64.2	231.0
417+97 TO 420+65	268.0	4.0	44.7	2.3	100.0	225.0
420+65 TO 427+83	718.0	2.5	0.0	6.0	165.3	595.0
427+83 TO 429+80	197.0	4.0	32.8	2.0	87.6	197.0
429+80 TO 442+39	1259.0	2.5	0.0	10.6	295.6	1064.0
442+39 TO 442+82	43.0	4.0	7.2	0.4	19.1	43.0
442+82 TO 451+20	838.0	2.5	0.0	8.4	232.8	838.0
451+20 TO 453+86	266.0	4.0	44.3	2.7	118.2	266.0
453+86 TO 456+27	241.0	2.5	0.0	1.9	51.4	185.0
456+27 TO 457+50	123.0	4.0	20.5	1.2	54.7	123.0
457+50 TO 457+96	46.0	2.5	0.0	0.5	12.8	46.0
457+96 TO 462+09	413.0	4.0	68.8	3.7	164.4	370.0
462+09 TO 462+85	76.0	2.5	0.0	0.8	21.1	76.0
462+85 TO 464+50	165.0	4.0	27.5	1.7	73.3	165.0
464+50 TO 473+58	908.0	2.5	0.0	8.7	241.1	868.0
473+58 TO 474+77	119.0	4.0	19.8	1.2	52.9	119.0
474+77 TO 476+83	206.0	2.5	0.0	2.1	57.2	206.0
476+83 TO 478+32	149.0	4.0	24.8	1.5	66.2	149.0
478+32 TO 481+80	348.0	2.5	0.0	3.5	96.7	348.0
481+80 TO 482+48	68.0	4.0	11.3	0.7	30.2	68.0

SHOULDER SCHEDULE (Cont'd)	LENGTH	PROPOSED SHOULDER WIDTH	PAVED SHOULDER REMOVAL	EXCAVATING AND GRADING SHOULDER	HOT-MIX ASPHALT SHOULDERS, 8"	SHOULDER RUMBLE STRIPS
	FOOT	FOOT	SQ YD	UNIT	SQ YD	FOOT
482+48 TO 484+00	152.0	2.5	0.0	1.5	42.2	152.0
484+00 TO 485+75	175.0	2.5	0.0	1.0	27.8	100.0
485+75 TO 492+80	705.0	4.0	117.5	7.1	313.3	705.0
492+80 TO 494+76	196.0	2.5	0.0	2.0	54.4	196.0
494+76 TO 495+21	45.0	4.0	7.5	0.5	20.0	45.0
495+21 TO 507+27	1206.0	2.5	0.0	11.7	325.6	1172.0
507+27 TO 508+10	83.0	4.0	13.8	0.8	36.9	83.0
508+10 TO 511+25	315.0	2.5	0.0	3.2	87.5	315.0
511+25 TO 512+30	105.0	4.0	17.5	0.7	31.6	71.0
512+30 TO 516+75	445.0	2.5	0.0	4.5	123.6	445.0
516+75 TO 518+00	125.0	4.0	20.8	1.3	55.6	125.0
518+00 TO 526+68	868.0	2.5	0.0	8.7	241.1	868.0
526+68 TO 526+95	27.0	4.0	4.5	0.3	12.0	27.0
526+95 TO 530+00	305.0	2.5	0.0	3.1	84.7	305.0
530+00 TO 530+60	60.0	4.0	10.0	0.6	26.7	60.0
WESTBOUND						
163+53 TO 190+36	2683.0	3.5	0.0	25.4	1043.4	2537.0
190+36 TO 191+23	87.0	5.0	14.5	0.9	48.3	87.0
191+23 TO 192+64	141.0	3.5	0.0	1.4	54.8	141.0
192+64 TO 194+75	211.0	5.0	35.2	2.1	117.2	211.0
194+75 TO 195+70	95.0	3.5	0.0	1.0	36.9	95.0
195+70 TO 196+97	127.0	5.0	21.2	1.3	70.6	127.0
196+97 TO 210+50	1353.0	3.5	0.0	13.5	526.2	1353.0
210+50 TO 216+87	637.0	5.0	0.0	6.4	0.0	637.0
216+87 TO 225+70	883.0	5.0	0.0	8.8	0.0	883.0
225+70 TO 225+97	27.0	3.5	0.0	0.3	10.5	27.0
225+97 TO 228+60	263.0	5.0	43.8	2.6	146.1	263.0
228+60 TO 231+45	285.0	3.5	0.0	2.2	110.8	218.0
231+45 TO 243+70	1225.0	5.0	0.0	12.3	0.0	1225.0
243+70 TO 259+50	1580.0	3.5	0.0	13.3	614.4	1332.0
259+50 TO 267+00	750.0	5.0	0.0	7.5	0.0	750.0
267+00 TO 267+50	50.0	4.0	8.3	0.5	22.2	50.0
267+50 TO 269+83	233.0	2.5	0.0	2.3	64.7	233.0
269+83 TO 270+60	77.0	4.0	12.8	0.8	34.2	77.0

SHOULDER SCHEDULE (Cont'd)	LENGTH	PROPOSED SHOULDER WIDTH	PAVED SHOULDER REMOVAL	EXCAVATING AND GRADING SHOULDER	HOT-MIX ASPHALT SHOULDERS, 8"	SHOULDER RUMBLE STRIPS
	FOOT	FOOT	SQ YD	UNIT	SQ YD	FOOT
270+60 TO 273+35	275.0	2.5	0.0	2.0	76.4	204.0
273+35 TO 275+16	181.0	4.0	30.2	1.6	80.4	159.0
275+16 TO 275+62	46.0	2.5	0.0	0.3	12.8	25.0
275+62 TO 277+92	230.0	4.0	38.3	1.9	102.2	188.0
277+92 TO 278+36	44.0	2.5	0.0	0.4	12.2	44.0
278+36 TO 279+77	141.0	4.0	23.5	1.4	62.7	141.0
279+77 TO 280+95	118.0	2.5	0.0	1.2	32.8	118.0
280+95 TO 284+19	324.0	4.0	54.0	3.2	144.0	324.0
284+19 TO 288+61	442.0	2.5	0.0	4.0	122.8	401.0
288+61 TO 289+65	104.0	4.0	17.3	1.0	46.2	104.0
289+65 TO 294+58	493.0	2.5	0.0	4.9	136.9	493.0
294+58 TO 296+89	231.0	4.0	38.5	2.3	102.7	231.0
296+89 TO 310+66	1377.0	2.5	0.0	12.7	382.5	1270.0
310+66 TO 313+70	304.0	4.0	50.7	3.0	135.1	304.0
313+70 TO 315+56	186.0	2.5	0.0	0.8	51.7	79.0
315+56 TO 317+42	186.0	4.0	31.0	1.9	82.7	186.0
317+42 TO 320+04	262.0	2.5	0.0	2.6	72.8	262.0
320+04 TO 322+90	286.0	4.0	47.7	2.9	127.1	286.0
322+90 TO 324+74	184.0	2.5	0.0	0.4	51.1	43.0
324+74 TO 325+19	45.0	4.0	7.5	0.5	20.0	45.0
325+19 TO 327+95	276.0	2.5	0.0	2.1	76.7	210.0
327+95 TO 328+67	72.0	4.0	12.0	0.7	32.0	72.0
328+67 TO 332+28	361.0	2.5	0.0	2.4	100.3	237.0
332+28 TO 333+51	123.0	4.0	20.5	1.2	54.7	123.0
333+51 TO 335+52	201.0	2.5	0.0	1.3	55.8	130.0
335+52 TO 337+05	153.0	4.0	25.5	1.5	68.0	153.0
337+05 TO 339+01	196.4	2.5	0.0	1.3	54.5	125.4
339+01 BK= 339+00AH	0.0	0.0	0.0	0.0	0.0	0.0
339+00 TO 342+75	375.0	2.5	0.0	3.8	104.2	375.0
342+75 TO 343+85	110.0	4.0	18.3	1.1	48.9	110.0
343+85 TO 347+87	402.0	2.5	0.0	3.4	111.7	342.0
347+87 TO 348+60	73.0	4.0	12.2	0.7	32.4	73.0
348+60 TO 349+14	53.9	2.5	0.0	0.5	15.0	53.9
349+14 TO 349+46	32.3	0.0	0.0	0.0	0.0	0.0

FILE NAME =
c:\pwwork\pwwork\swartzr\0196168\d774

USER NAME = swartzr
22-sh-t-schedule.dgn
PLOT SCALE = 50.0000' / in.
PLOT DATE = 8/16/2011

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NA SHEET NO. 4 OF 5 SHEETS STA. TO STA.

F.A.P. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.
741 (11,12)T * 85 13
CONTRACT NO. 74422
ILLINOIS FED. AID PROJECT

• MACON & PIATT

SHOULDER SCHEDULE (Cont'd)	LENGTH	PROPOSED SHOULDER WIDTH	PAVED SHOULDER REMOVAL	EXCAVATING AND GRADING SHOULDER	HOT-MIX ASPHALT SHOULDERS, 8"	SHOULDER RUMBLE STRIPS
	FOOT	FOOT	SQ YD	UNIT	SQ YD	FOOT
349+46 TO 350+42	95.9	2.5	0.0	1.0	26.6	95.9
350+42 TO 351+75	133.0	4.0	22.2	0.9	59.1	88.0
351+75 TO 356+18	443.0	2.5	0.0	4.4	123.1	443.0
356+18 TO 358+45	227.0	4.0	37.8	2.3	100.9	227.0
358+45 TO 359+80	135.0	2.5	0.0	0.9	37.5	88.0
359+80 TO 361+43	163.0	4.0	27.2	1.6	72.4	163.0
361+43 TO 362+95	152.0	2.5	0.0	1.0	42.2	102.0
362+95 TO 364+09	114.0	4.0	19.0	1.1	50.7	114.0
364+09 TO 369+19	510.0	2.5	0.0	3.5	141.7	354.0
369+19 TO 370+66	147.0	4.0	24.5	1.5	65.3	147.0
370+66 TO 382+84	1218.0	2.5	0.0	11.1	338.3	1105.0
382+84 TO 383+65	81.0	4.0	13.5	0.8	36.0	81.0
383+65 TO 396+17	1252.0	2.5	0.0	11.1	347.8	1114.0
396+17 TO 397+71	154.0	4.0	25.7	1.5	68.4	154.0
397+71 TO 401+26	355.0	2.5	0.0	3.1	98.6	311.0
401+26 TO 404+73	347.0	4.0	57.8	3.0	154.2	301.0
404+73 TO 405+29	56.0	2.5	0.0	0.6	15.6	56.0
405+29 TO 407+08	179.0	4.0	29.8	1.8	79.6	179.0
407+08 TO 408+80	172.0	2.5	0.0	1.3	47.8	131.0
408+80 TO 410+43	163.0	4.0	27.2	1.3	72.4	129.0
410+43 TO 410+83	40.0	2.5	0.0	0.4	11.1	40.0
410+83 TO 416+03	520.0	4.0	86.7	5.2	231.1	520.0
416+03 TO 419+50	347.0	2.5	0.0	3.5	96.4	347.0
419+50 TO 430+93	1143.0	4.0	190.5	11.4	508.0	1143.0
430+93 TO 431+63	70.0	2.5	0.0	0.0	19.4	2.0
431+63 TO 434+55	292.0	4.0	48.7	2.9	129.8	292.0
434+55 TO 436+20	165.0	2.5	0.0	1.7	45.8	165.0
436+20 TO 443+72	752.0	4.0	125.3	7.5	334.2	752.0
443+72 TO 447+01	329.0	2.5	0.0	2.9	91.4	289.0
447+01 TO 447+76	75.0	4.0	12.5	0.8	33.3	75.0
447+76 TO 450+12	236.0	2.5	0.0	2.4	65.6	236.0
450+12 TO 450+48	36.0	4.0	6.0	0.4	16.0	36.0
450+48 TO 451+11	63.0	2.5	0.0	0.2	17.5	18.0
451+11 TO 453+90	279.0	4.0	46.5	2.8	124.0	279.0

SHOULDER SCHEDULE (Cont'd)	LENGTH	PROPOSED SHOULDER WIDTH	PAVED SHOULDER REMOVAL	EXCAVATING AND GRADING SHOULDER	HOT-MIX ASPHALT SHOULDERS, 8"	SHOULDER RUMBLE STRIPS
	FOOT	FOOT	SQ YD	UNIT	SQ YD	FOOT
453+90 TO 454+35	45.0	2.5	0.0	0.2	12.5	21.0
454+35 TO 455+79	144.0	4.0	24.0	1.2	64.0	120.0
455+79 TO 462+60	681.0	2.5	0.0	5.5	189.2	552.0
462+60 TO 464+90	230.0	4.0	38.3	2.3	102.2	230.0
464+90 TO 465+92	102.0	2.5	0.0	1.0	28.3	102.0
465+92 TO 469+52	360.0	4.0	60.0	3.6	160.0	360.0
469+52 TO 477+90	838.0	2.5	0.0	8.4	232.8	838.0
477+90 TO 478+41	51.0	4.0	8.5	0.5	22.7	51.0
478+41 TO 484+00	559.0	2.5	0.0	5.6	155.3	559.0
484+00 TO 488+68	468.0	2.5	0.0	3.9	130.0	393.0
488+68 TO 489+83	115.0	4.0	19.2	1.2	51.1	115.0
489+83 TO 492+10	227.0	2.5	0.0	2.3	63.1	227.0
492+10 TO 496+98	488.0	4.0	81.3	4.9	216.9	488.0
496+98 TO 504+36	738.0	2.5	0.0	7.4	205.0	738.0
504+36 TO 505+25	89.0	4.0	14.8	0.9	39.6	89.0
505+25 TO 507+00	175.0	2.5	0.0	1.8	48.6	175.0
507+00 TO 508+71	171.0	4.0	28.5	1.7	76.0	171.0
508+71 TO 510+99	228.0	2.5	0.0	1.9	63.3	186.0
510+99 TO 513+63	264.0	4.0	44.0	2.6	117.3	264.0
513+63 TO 525+15	1152.0	2.5	0.0	10.9	320.0	1086.0
525+15 TO 526+51	136.0	4.0	22.7	1.4	60.4	136.0
526+51 TO 530+60	409.0	2.5	0.0	3.5	113.6	347.0
TOTALS =			3349.0	679.0	22472.0	67945.0

• MACON & PIATT

FILE NAME =
 USER NAME = swartzw
 c:\pw_work\p\dot\swartzw\d0156168\774422-shr-schedule.dgn
 PLOT SCALE = 50,0000' / 1" =
 PLOT DATE = 8/16/2011

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

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

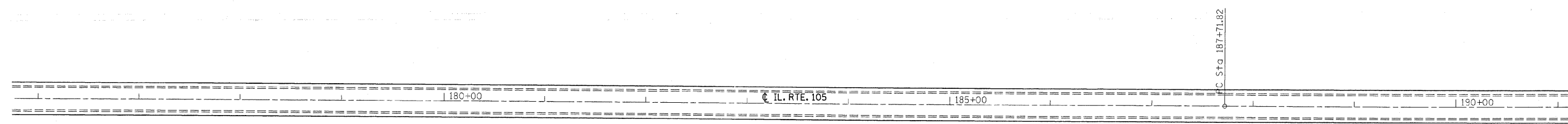
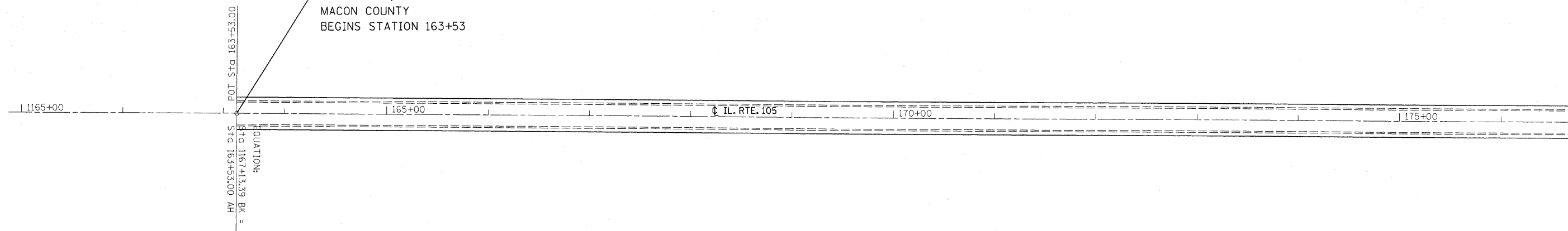
SCHEDULE OF QUANTITIES

SCALE: NA SHEET NO. 5 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
741	(11,12)T	*	85	14
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74422	

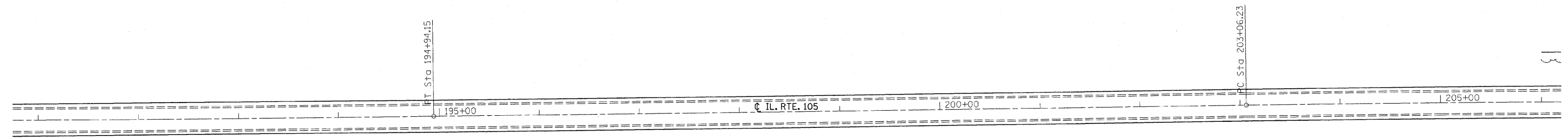


FAP ROUTE 741 (IL RTE 105)
SECTION (11,12)T
MACON COUNTY
BEGINS STATION 163+53



• MACON & PIATT

FILE NAME =	USER NAME = swartzr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwork\pwork\swartzr\0156168\1774	22-sht-planprofile.dgn	DRAWN -	REVISED -		SCALE: 50	SHEET NO. 1 OF 16 SHEETS	STA. 1165+00	TO STA. 191+00	741	(11,12)T	•	85	15
	PLOT SCALE = 50.0000' / 1"	CHECKED -	REVISED -		CONTRACT NO. 74422								
	PLOT DATE = 9/16/2011	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								




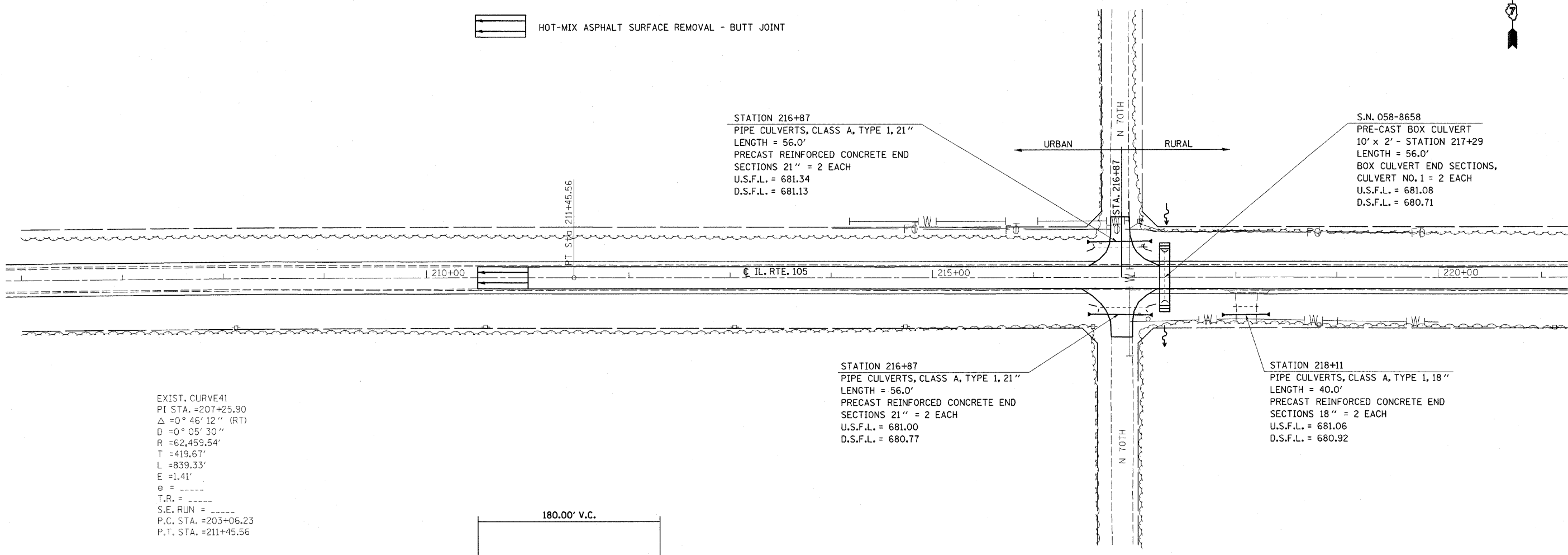
EXIST. CURVE40
 PI STA. =191+33.00
 Δ =1° 10' 26" (LT)
 D =0° 09' 45"
 R =35,257.01'
 T =361.18'
 L =722.33'
 E =1.85'
 e = ----
 T.R. = ----
 S.E. RUN = ----
 P.C. STA. =187+71.82
 P.T. STA. =194+94.15

• MACON & PIATT

FILE NAME = c:\pw\work\pw\dot\swartzw\d8156168\d77422-shr-plan\profile.dgn	USER NAME = swartzw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN			F.A.P. RTE. 741	SECTION (11,12)T	COUNTY •	TOTAL SHEETS 85	SHEET NO. 16
	PLOT SCALE = 50.0000' / in.	CHECKED -	REVISED -					CONTRACT NO. 74422				
PLOT DATE = 8/16/2011	DATE -	REVISED -	SCALE: 50 SHEET NO. 2 OF 16 SHEETS STA. 191+00 TO STA. 206+00			ILLINOIS FED. AID PROJECT						

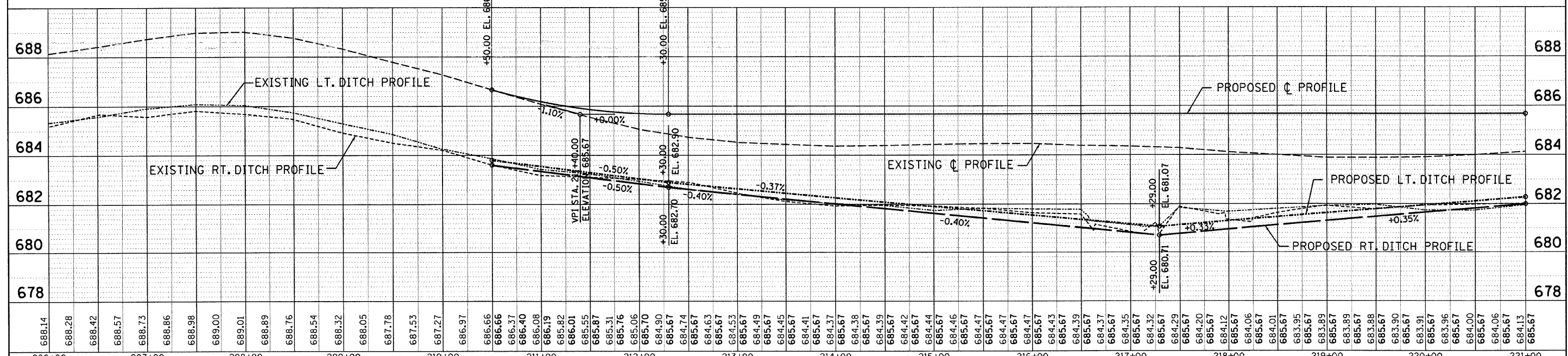


 HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT



EXIST. CURVE#1
 PI STA. =207+25.90
 $\Delta = 0^\circ 46' 12''$ (RT)
 $D = 0^\circ 05' 30''$
 $R = 62,459.54'$
 $T = 419.67'$
 $L = 839.33'$
 $E = 1.41'$
 $\theta = \dots$
 $T.R. = \dots$
 $S.E. RUN = \dots$
 $P.C. STA. = 203+06.23$
 $P.T. STA. = 211+45.56$

180.00' V.C.



PLAN	DATE
BY	
DATE	
NO. _____	
FILE NAME _____	
DATE _____	
BY _____	
DATE _____	
NO. _____	
FILE NAME _____	
DATE _____	
BY _____	
DATE _____	

PROFILE	DATE
BY	
DATE	
NO. _____	
FILE NAME _____	
DATE _____	
BY _____	
DATE _____	

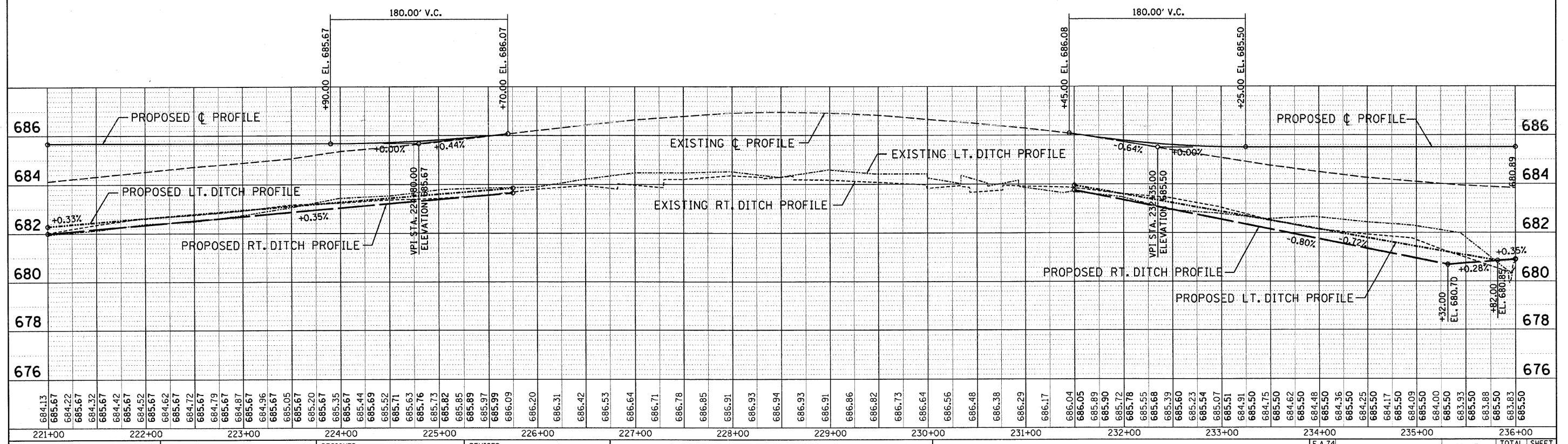
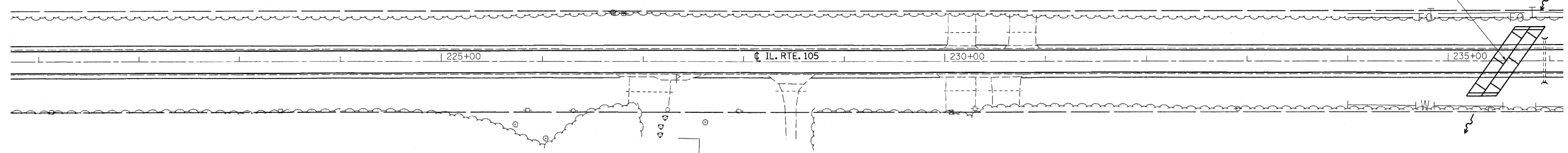
FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN-PROFILE	SCALE: 50	SHEET NO. 3 OF 16 SHEETS	STA. 206+00 TO STA. 221+00	F.A. 74	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw_work\p\d\swartzw\d0156168\77442\2-ht-plan-profile.dgn		DRAWN -	REVISED -						741	(11,12)T		85	17
PLOT SCALE = 50,0000 // in.		CHECKED -	REVISED -						CONTRACT NO. 74422				
PLOT DATE = 8/16/2011		DATE -	REVISED -						ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO. OF WAY CHECKED	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO. OF WAY CHECKED	
	STRUCTURE NOTATIONS DIVID	



S.N. 058-2013
 PRE-CAST BOX CULVERT
 DOUBLE 12' x 2' - STATION 235+57
 SKEW = 35 DEG. LT.
 LENGTH = 62.0' (124' TOTAL)
 BOX CULVERT END SECTIONS,
 CULVERT NO. 2 = 4 EACH
 U.S.F.L. = 680.85
 D.S.F.L. = 680.74



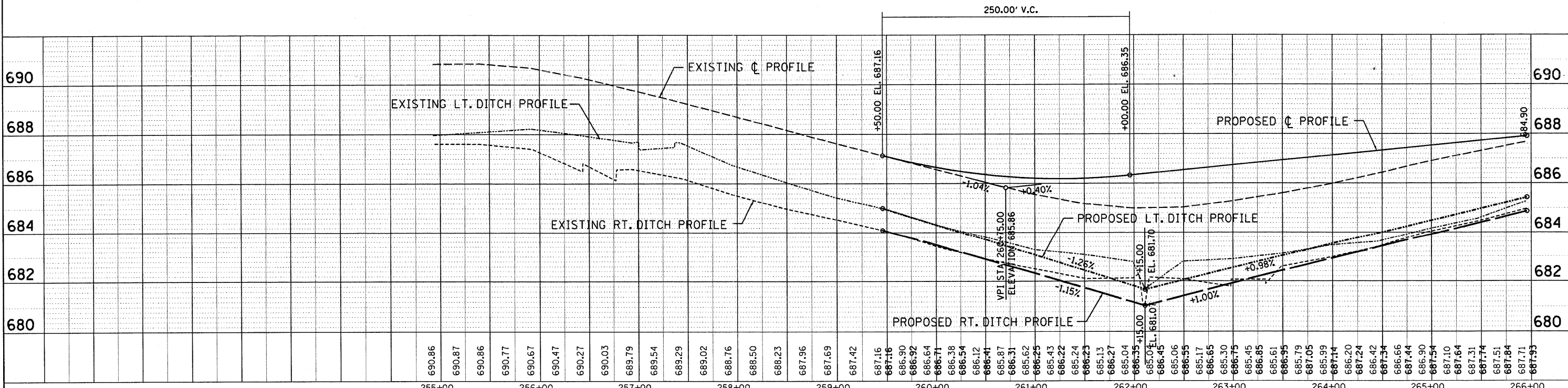
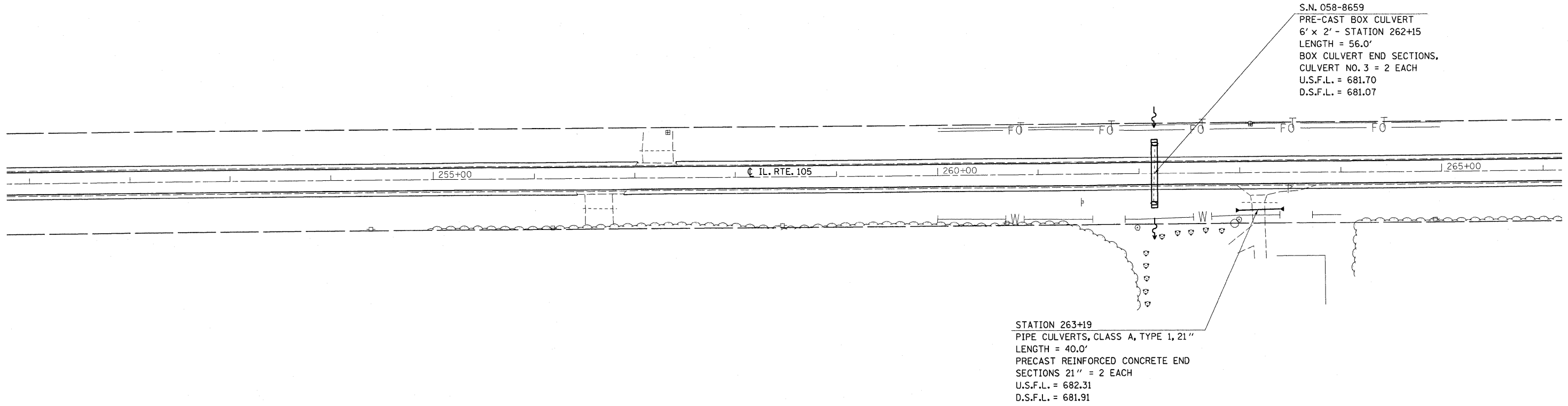
FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN-PROFILE		F.A.74	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwork\p\dot\swartzw\d0156168\d77442	2-shft-plan-profile.dgn	DRAWN -	REVISED -		SCALE: 50	SHEET NO. 4 OF 16 SHEETS	STA. 221+00 TO STA. 236+00	741	(11,12)T		85	18
	PLOT SCALE = 50,0000' / 1"	CHECKED -	REVISED -					CONTRACT NO. 74422				
	PLOT DATE = 8/16/2011	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				

MACON & PIATT

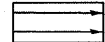


PLAN	REVISIONS	DATE
NO.	BY	
NO.	CHECKED	
NO.	DATE	
NO.	CADD FILE NAME	

PROFILE	REVISIONS	DATE
NO.	BY	
NO.	CHECKED	
NO.	DATE	
NO.	CADD FILE NAME	



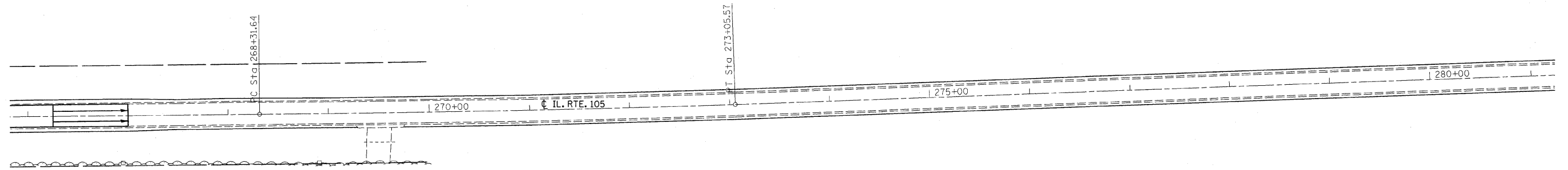
FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -		PLAN-PROFILE	F.A. 741	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw_work\p\dot\swartzw\d0156168\774422-sht-planprofile.dgn	2-sht-planprofile.dgn	DRAWN -	REVISED -		SCALE: 50	741	(11,12)T	ILLINOIS	85	20
PLOT SCALE = 50.0000 / in.	PLOT DATE = 8/16/2011	CHECKED -	REVISED -		SHEET NO. 6 OF 16 SHEETS	STA. 251+00 TO STA. 266+00		CONTRACT NO. 74422		ILLINOIS FED. AID PROJECT
		DATE -	REVISED -							MAON & PIATT

 HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

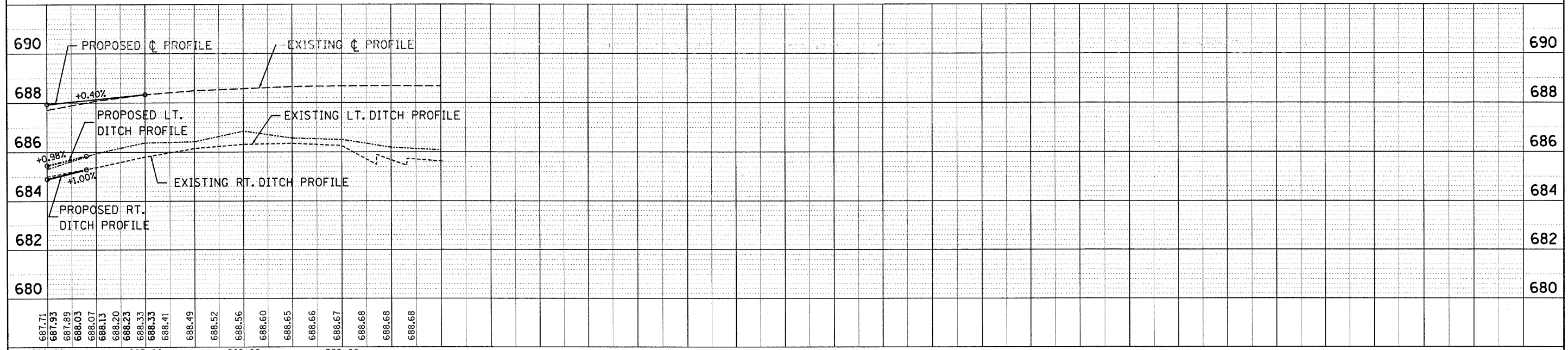


PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	BY		
	DATE		

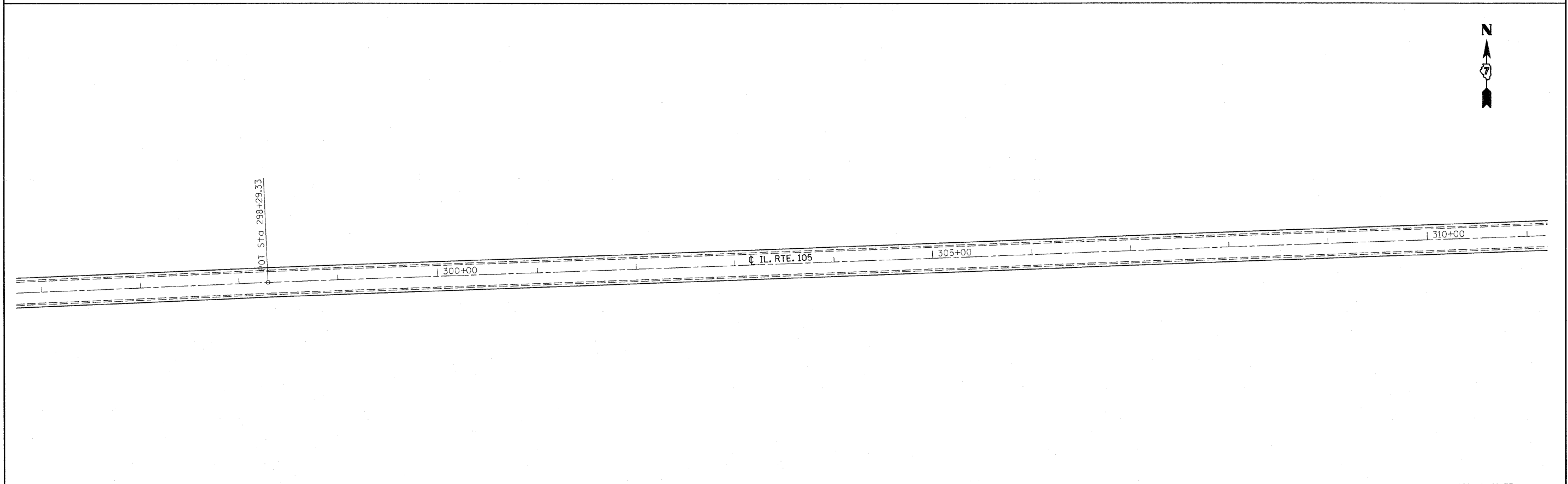
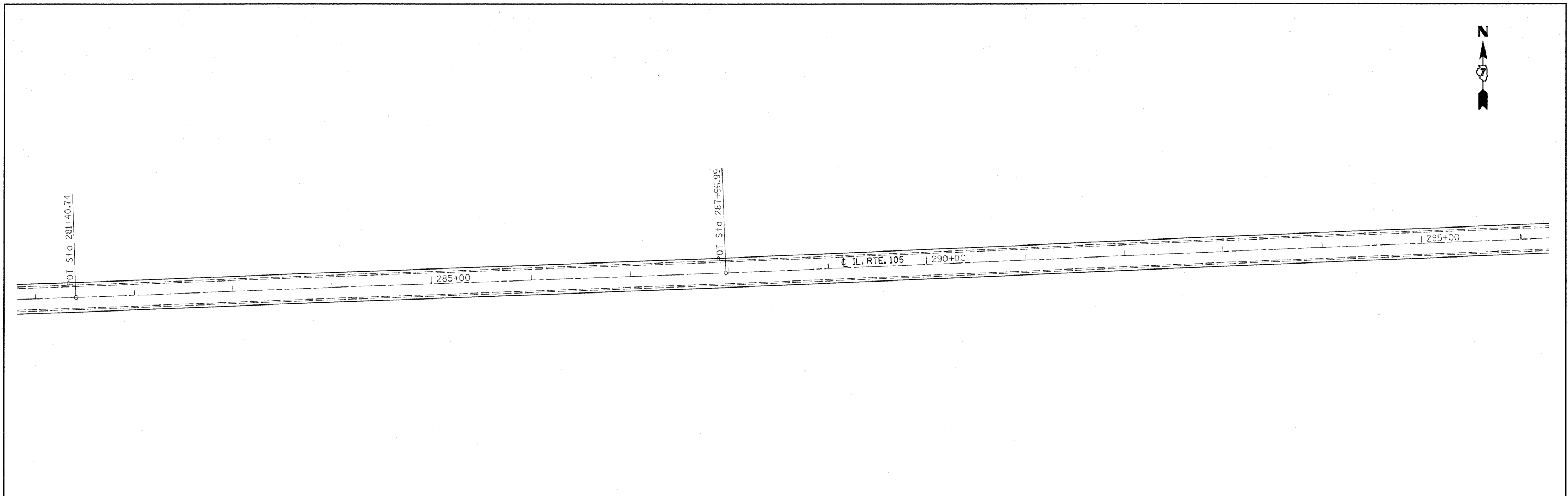
PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	BY		
	DATE		



EXIST. CURVE43
 PI STA. =270+68.62
 $\Delta = 1^{\circ} 34' 00''$ (LT)
 $D = 0^{\circ} 19' 50''$
 $R = 17,333.00'$
 $T = 236.98'$
 $L = 473.93'$
 $E = -1.62'$
 $e =$ -----
 $T.R. =$ -----
 $S.E. RUN =$ -----
 P.C. STA. =268+31.64
 P.T. STA. =273+05.57

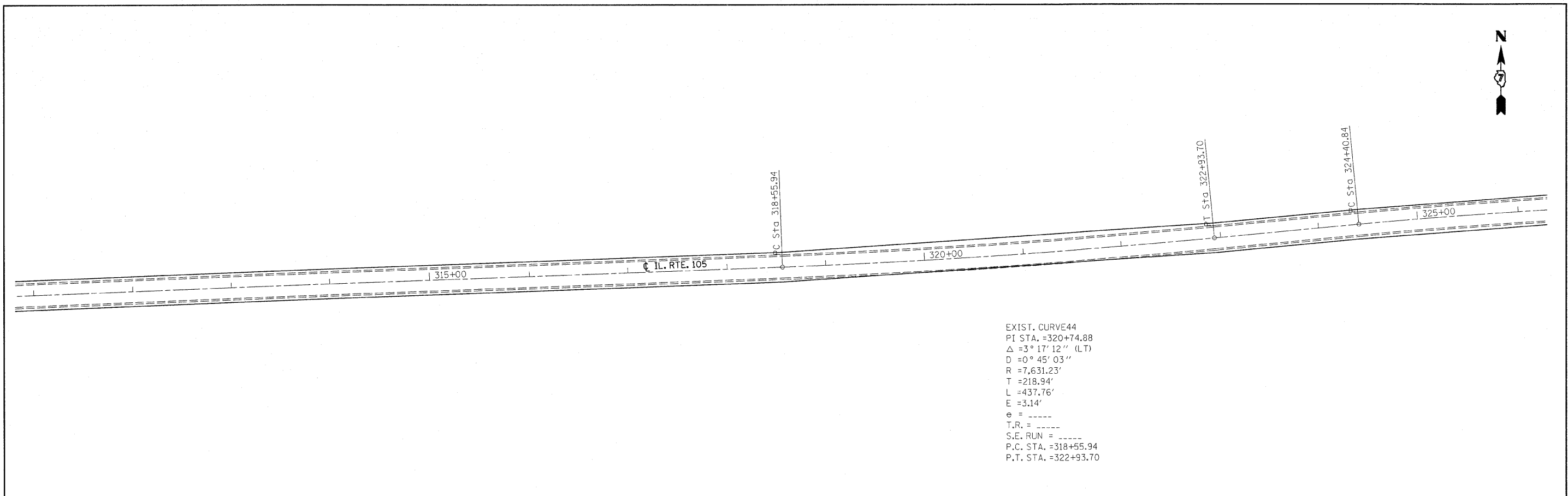


FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN-PROFILE SCALE: 50 SHEET NO. 7 OF 16 SHEETS STA. 266+00 TO STA. 281+00	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ca:\pw\work\p\p\dot\swartzw\d0156168\d77442	2-shr-planprofile.dgn	DRAWN -	REVISED -			741	(11,12)T	.	85	21
PLOT SCALE = 50.0000' / 1"		CHECKED -	REVISED -			CONTRACT NO. 74422				
PLOT DATE = 8/16/2011		DATE -	REVISED -			ILLINOIS FED. AID PROJECT				

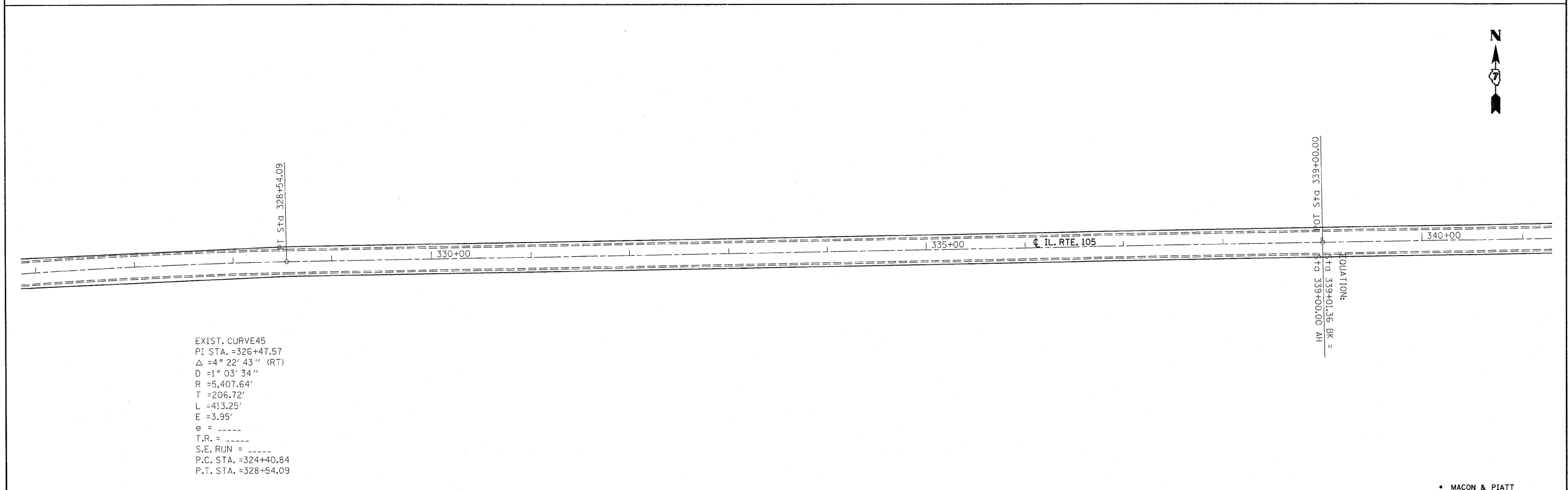


• MACON & PIATT

FILE NAME = c:\pwork\pwork\swartzr\156168\156168.dwg	USER NAME = swartzr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN			F.A.P. RTE. 741	SECTION (11,12)T	COUNTY •	TOTAL SHEETS 85	SHEET NO. 22
	PLOT SCALE = 50,0000 ' / in.	DRAWN -	REVISED -		SCALE: 50	SHEET NO. 8 OF 16 SHEETS	STA. 281+00 TO STA. 311+00	CONTRACT NO. 74422				
	PLOT DATE = 8/16/2011	CHECKED -	REVISED -		ILLINOIS FED. AID PROJECT							
		DATE -	REVISED -									



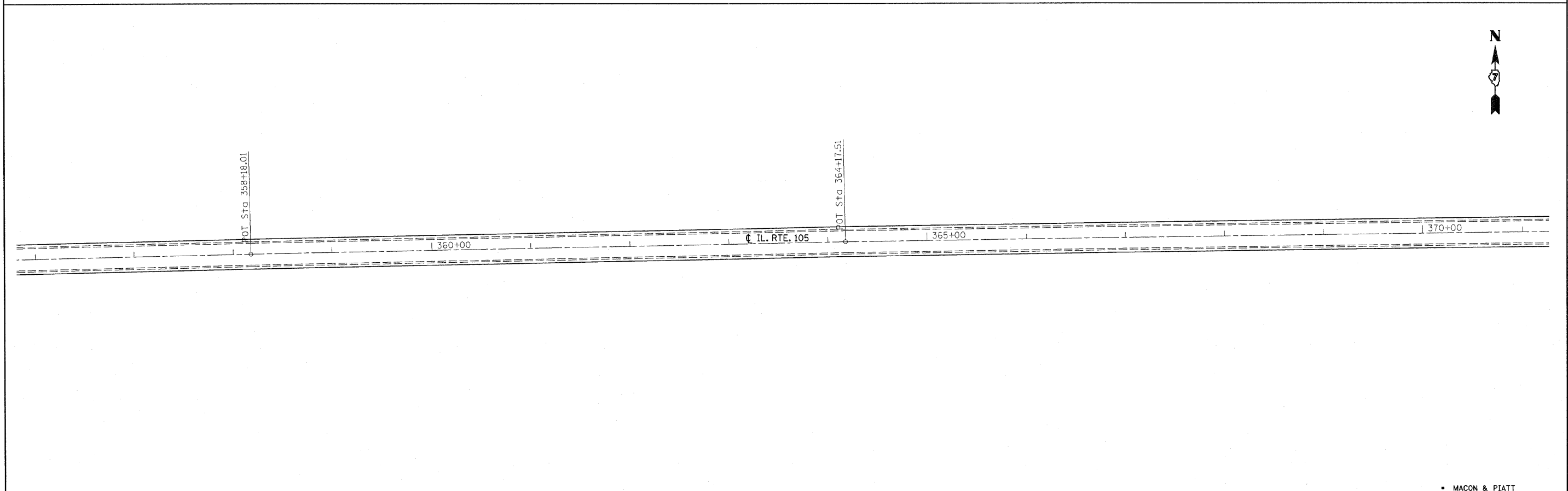
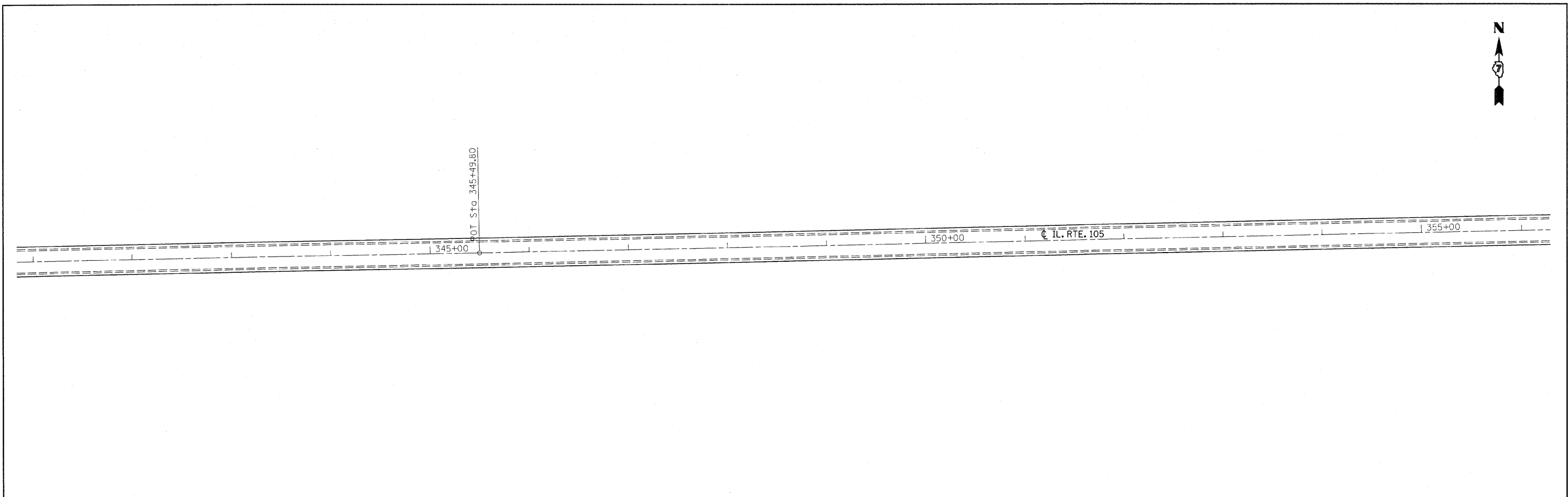
EXIST. CURVE44
 PI STA. =320+74.88
 Δ =3° 17' 12" (LT)
 D =0° 45' 03"
 R =7,631.23'
 T =218.94'
 L =437.76'
 E =3.14'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. =318+55.94
 P.T. STA. =322+93.70



EXIST. CURVE45
 PI STA. =326+47.57
 Δ =4° 22' 43" (RT)
 D =1° 03' 34"
 R =5,407.64'
 T =206.72'
 L =413.25'
 E =3.95'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. =324+40.84
 P.T. STA. =328+54.09

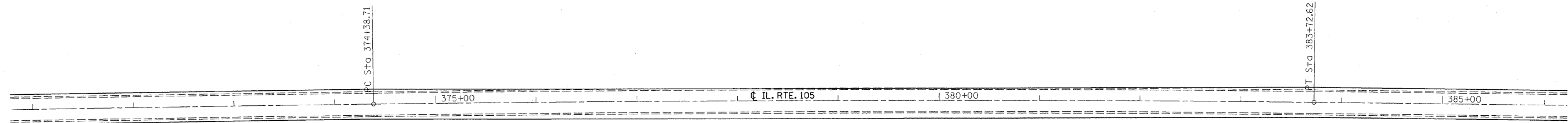
FILE NAME = <small>ct:\pw_work\pwwork\swartzw\0156168\1d77422-sht-planprofile.dgn</small>				USER NAME = swartzw				DESIGNED -				REVISED -				STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				PLAN				F.A.P. RTE. 741		SECTION (11,12)T		COUNTY •		TOTAL SHEETS 85		SHEET NO. 23			
PLOT SCALE = 50.0000' / 1"				CHECKED -				REVISED -				SCALE: 50												SHEET NO. 9 OF 16 SHEETS				STA. 311+00 TO STA. 341+00				CONTRACT NO. 74422			
PLOT DATE = 8/16/2011				DATE -				REVISED -				ILLINOIS FED. AID PROJECT																							

• MACON & PIATT

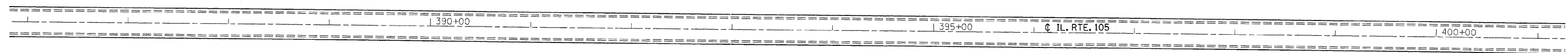


• MACON & PIATT

FILE NAME = c:\pwork\pwork\swartzr\156168\156168.dwg	USER NAME = swartzr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	422-ah-tr-plan-profile.dgn	DRAWN -	REVISED -		741	(11,12)T	•	85	24			
PLOT SCALE = 50.0000' / 1" =	CHECKED -	REVISED -	SCALE: 50		SHEET NO. 10 OF 16 SHEETS	STA. 341+00 TO STA. 371+00	CONTRACT NO. 74422					
PLOT DATE = 8/16/2011	DATE -	REVISED -	ILLINOIS FED. AID PROJECT									

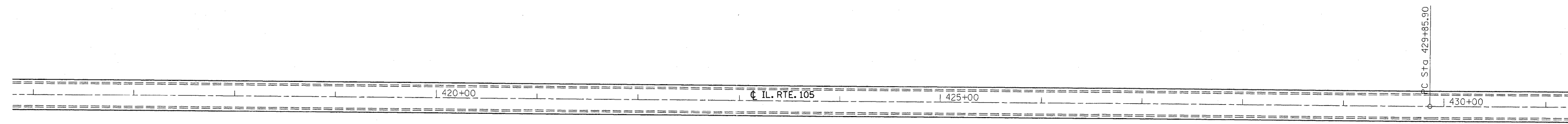
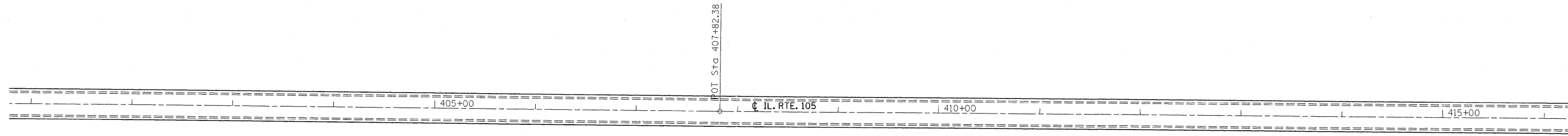


EXIST. CURVE47
 PI STA. =379+05.69
 Δ =1° 27' 45" (RT)
 D =0° 09' 24"
 R =36,590.41'
 T =466.98'
 L =933.91'
 E =2.98'
 e = ----
 T.R. = ----
 S.E. RUN = ----
 P.C. STA. =374+38.71
 P.T. STA. =383+72.62



• MACON & PIATT

FILE NAME = c:\p\work\p\dot\swartzr\0156160\d774	USER NAME = swartzr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 50.0000' / 1".	CHECKED -	REVISED -				741	(11,12)T	•	85	25	
PLOT DATE = 8/16/2011	DATE -	REVISED -	SCALE: 50		SHEET NO. 11 OF 16 SHEETS		STA. 371+00 TO STA. 401+00		ILLINOIS FED. AID PROJECT			



• MACON & PIATT

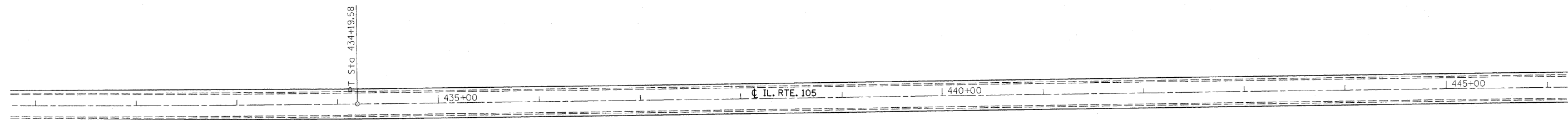
FILE NAME =	USER NAME = swartzrw	DESIGNED -	REVISED -
ca:\pwork\pwork\swartzrw\d0156168\d77422-shr-planprofile.dgn		DRAWN -	REVISED -
	PLOT SCALE = 50.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 8/16/2011	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

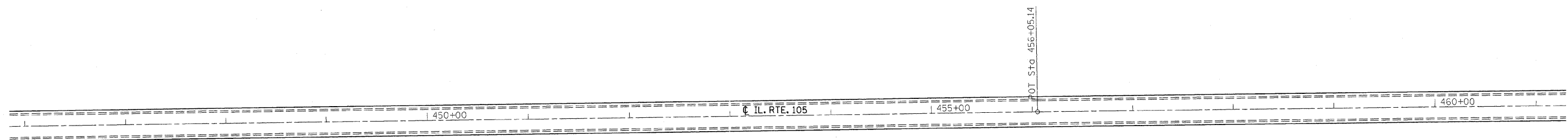
PLAN

SCALE: 50 SHEET NO. 12 OF 16 SHEETS STA. 401+00 TO STA. 431+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
741	(11,12)T	•	85	26
			CONTRACT NO. 74422	
ILLINOIS FED. AID PROJECT				

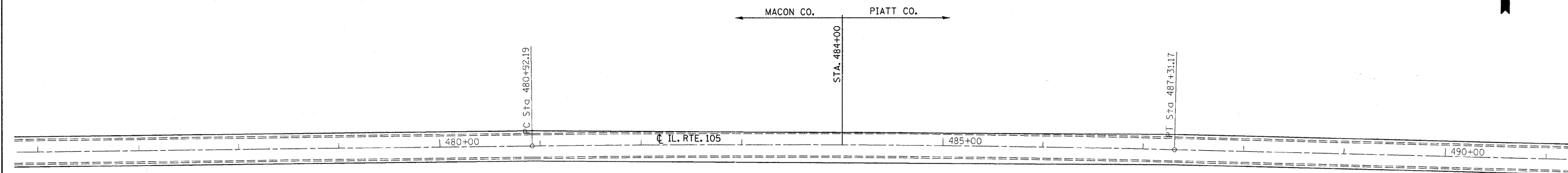
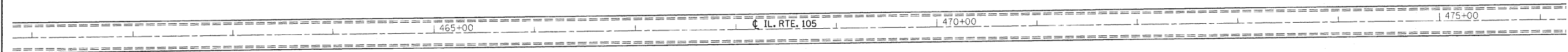


EXIST. CURVE48
 PI STA. =432+02.75
 Δ =1° 21' 10" (LT)
 D =0° 18' 43"
 R =18,370.04'
 T =216.85'
 L =433.68'
 E =1.28'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. =429+85.90
 P.T. STA. =434+19.58



• MACON & PIATT

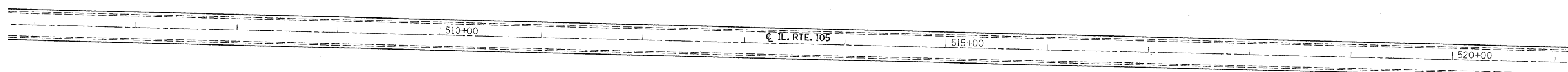
FILE NAME = c:\pw_work\pw\dot\swartzr\d0156168\d774	USER NAME = swartzr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	22-shr-planprofile.dgn	DRAWN -	REVISED -					741	(11,12)T	•	85	27
PLOT SCALE = 50,0000' / in.	CHECKED -	REVISED -	SCALE: 50		SHEET NO. 13 OF 16 SHEETS	STA. 431+00	TO STA. 461+00	CONTRACT NO. 74422				
PLOT DATE = 9/16/2011	DATE -	REVISED -	ILLINOIS FED. AID PROJECT									



EXIST. CURVE49
 PI STA. =484+11.71
 Δ =2° 04' 48" (RT)
 D =0° 19' 32"
 R =17,602.35'
 T =319.53'
 L =638.98'
 E =2.90'
 e = ----
 T.R. = ----
 S.E. RUN = ----
 P.C. STA. =480+92.19
 P.T. STA. =487+31.17

• MACON & PIATT

FILE NAME = c:\pwork\pwork\swartzr\08156168\077422-shr-plan\profile.dgn	USER NAME = swartzr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 50.0000' / 1" /	DRAWN -	REVISED -		SCALE: 50	SHEET NO. 14 OF 16 SHEETS	STA. 461+00 TO STA. 491+00	741	(11,12)T	•	85
PLOT DATE = 8/16/2011	CHECKED -	DATE -	REVISED -							CONTRACT NO. 74422	
ILLINOIS FED. AID PROJECT											

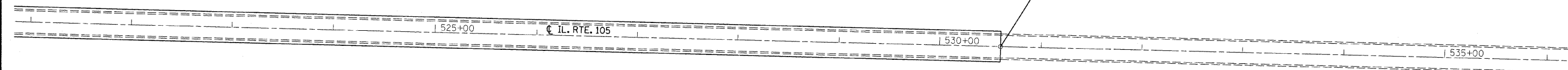


• MACON & PIATT

FILE NAME = c:\pw_work\pwidot\swartzr\156168\1774	USER NAME = swartzr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN			F.A.P. RTE. 741	SECTION (11,12)T	COUNTY •	TOTAL SHEETS 85	SHEET NO. 29
	422-sh1-planprofile.dgn	DRAWN -	REVISED -		SCALE: 50	SHEET NO. 15 OF 16 SHEETS	STA. 491+00 TO STA. 521+00	CONTRACT NO. 74422				
	PLOT SCALE = 50.0000' / in.	CHECKED -	REVISED -		ILLINOIS FED. AID PROJECT							
	PLOT DATE = 8/16/2011	DATE -	REVISED -									

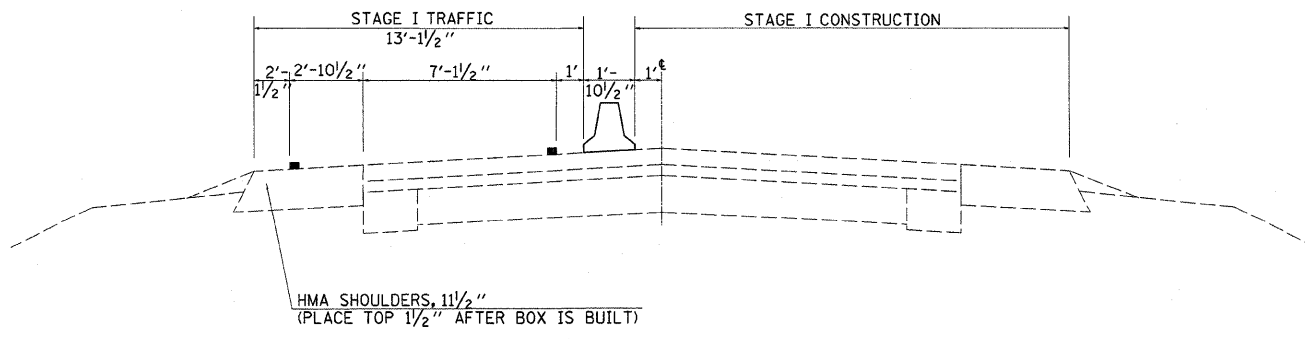
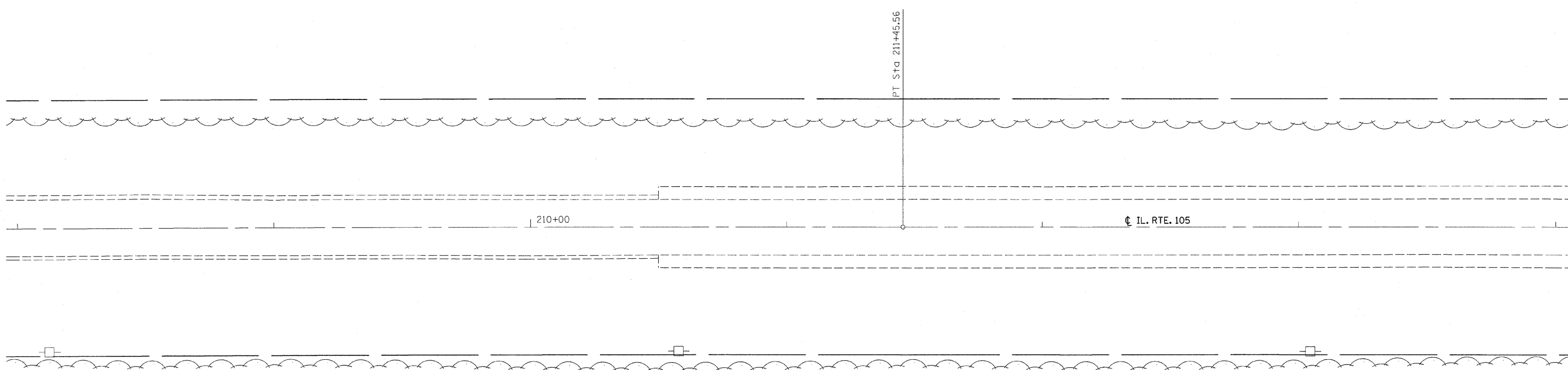


FAP ROUTE 741 (IL RTE 105)
SECTION (11,12)T
PIATT COUNTY
ENDS STATION 530+60



• MACON & PIATT

FILE NAME = c:\pw_work\pwidot\swartzw\d0156158\d77422-sht-planprofile.dgn	USER NAME = swartzw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN			F.A.P. RTE. 741	SECTION (11,12)T	COUNTY •	TOTAL SHEETS 85	SHEET NO. 30
	PLOT SCALE = 50.0000' / in.	DRAWN -	REVISED -		SCALE: 50	SHEET NO. 16 OF 16 SHEETS	STA. 521+00 TO STA. 536+00	CONTRACT NO. 74422				
	PLOT DATE = 8/16/2011	CHECKED -	REVISED -		ILLINOIS FED. AID PROJECT							
		DATE -	REVISED -									



STAGE I - CULVERT NO. 1

• MACON & PIATT

FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGE I - LOCATION 1 TRAFFIC CONTROL			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwwork\pwwork\swartzw\d0156168\d774	422-shtrstaging.dgn	DRAWN -	REVISED -		SCALE: 20	SHEET NO. 1 OF 9 SHEETS	STA. 208+00	TO STA. 214+00	741	(11,12)T	•	85	31
	PLOT SCALE = 20,0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 74422								
	PLOT DATE = 8/16/2011	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

TEMPORARY CONCRETE BARRIER

216+17 TO 217+54	137.5 FOOT
TOTAL =	137.5 FOOT

IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3

216+17	1.0 EACH
217+75	1.0 EACH
TOTAL =	2.0 EACH

PRECAST CONCRETE BOX CULVERT 10' X 2' (M273)

217+29	28.0 FOOT
TOTAL =	28.0 FOOT

PIPE CULVERTS, CLASS A, TYPE 1 21"

70th STREET	56.0 FOOT
TOTAL =	56.0 FOOT

IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3

217+54	1.0 EACH
TOTAL =	1.0 EACH

TEMPORARY BRIDGE TRAFFIC SIGNALS

LOCATION 1	2.0 EACH
TOTAL =	2.0 EACH

BOX CULVERT END SECTIONS, CULVERT NO. 1

217+29	1.0 EACH
TOTAL =	1.0 EACH

PRECAST REINFORCED CONCRETE FLARED END SECTIONS 21"

70th STREET	2.0 EACH
TOTAL =	2.0 EACH

GRANULAR CULVERT BACKFILL

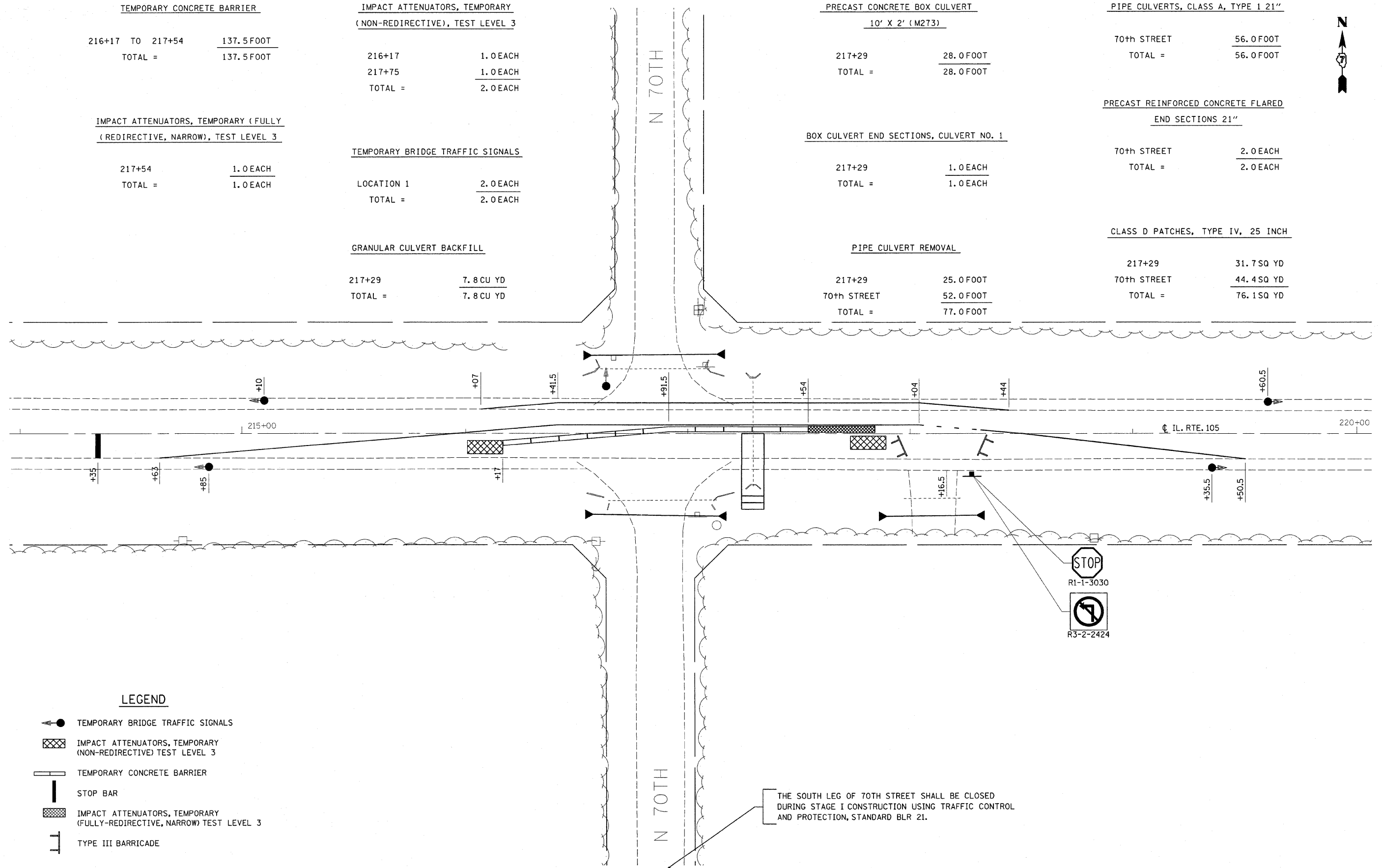
217+29	7.8 CU YD
TOTAL =	7.8 CU YD

PIPE CULVERT REMOVAL

217+29	25.0 FOOT
70th STREET	52.0 FOOT
TOTAL =	77.0 FOOT

CLASS D PATCHES, TYPE IV, 25 INCH

217+29	31.7 SQ YD
70th STREET	44.4 SQ YD
TOTAL =	76.1 SQ YD



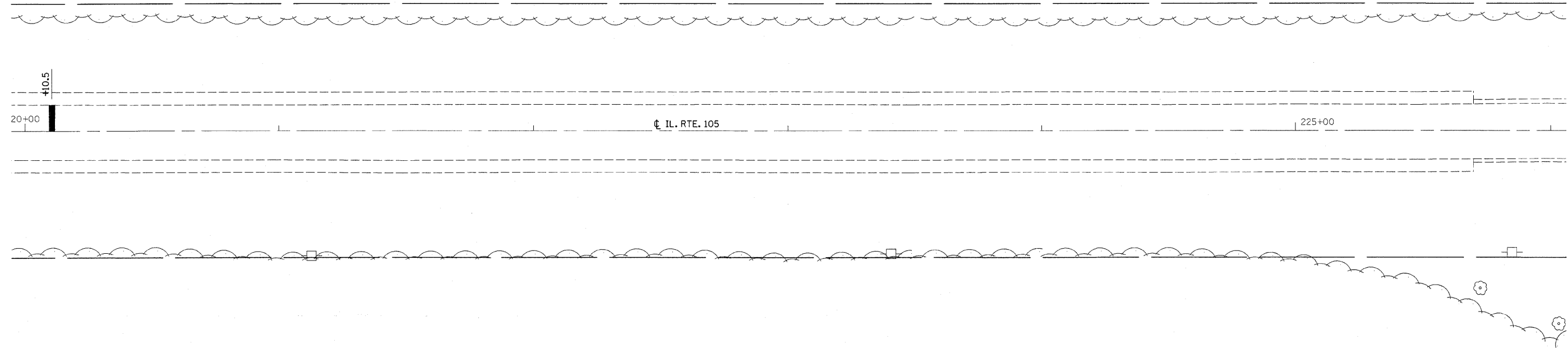
LEGEND

- TEMPORARY BRIDGE TRAFFIC SIGNALS
- IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE) TEST LEVEL 3
- TEMPORARY CONCRETE BARRIER
- STOP BAR
- IMPACT ATTENUATORS, TEMPORARY (FULLY-REDIRECTIVE, NARROW) TEST LEVEL 3
- TYPE III BARRICADE


THE SOUTH LEG OF 70TH STREET SHALL BE CLOSED DURING STAGE I CONSTRUCTION USING TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21.

• MACON & PIATT

FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGE I - LOCATION 1 TRAFFIC CONTROL	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw_work\pwsdot\swartzw\0156168\177422-sht-staging.dgn		DRAWN -	REVISED -			741	(11.12)T	•	85	32
PLOT SCALE = 20,000' / in.		CHECKED -	REVISED -			CONTRACT NO. 74422				
PLOT DATE = 9/16/2011		DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
				SCALE: 20	SHEET NO. 2 OF 9 SHEETS	STA. 214+00 TO STA. 220+00				

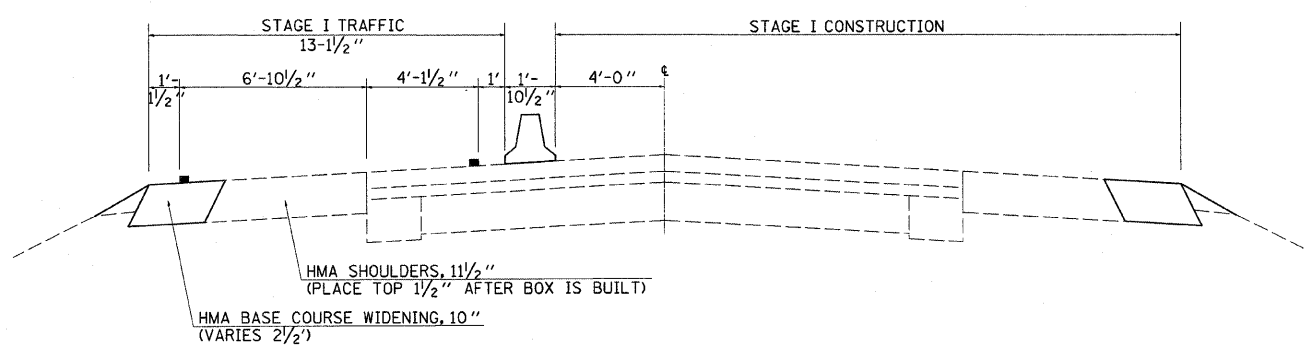
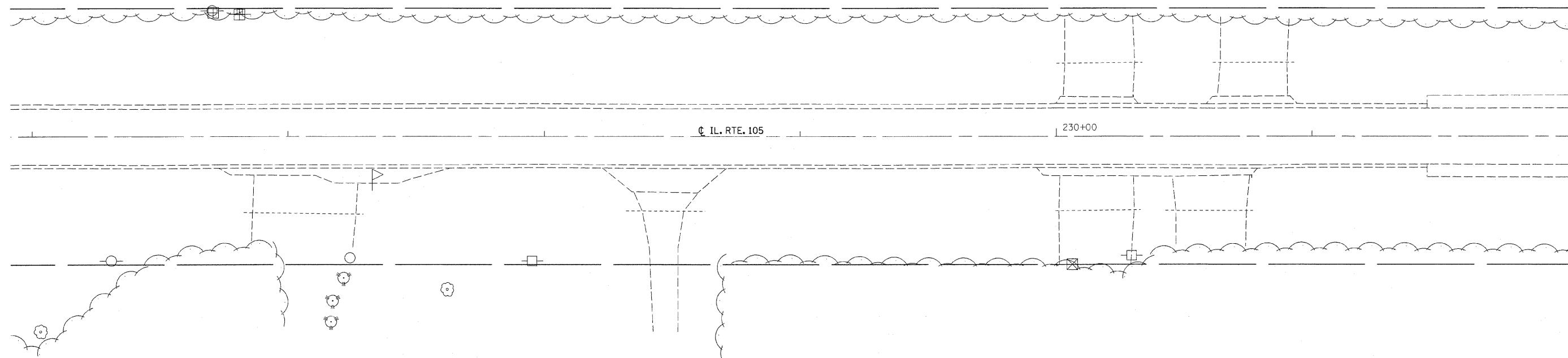


LEGEND

 STOP BAR

• MACON & PIATT

FILE NAME = ca:\pw_work\pwidot\swartzr\d8156168\d774	USER NAME = swartzr 22-shit-staging.dgn	DESIGNED - DRAWN -	REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGE I - LOCATION 1 TRAFFIC CONTROL		F.A.P. RTE. 741	SECTION (11,12)T	COUNTY •	TOTAL SHEETS 85	SHEET NO. 33
	PLOT SCALE = 28.0000' / in.	CHECKED - REVISED -	REVISED - REVISED -		SCALE: 20	SHEET NO. 3 OF 9 SHEETS	STA. 220+00 TO STA. 226+00	CONTRACT NO. 74422		ILLINOIS FED. AID PROJECT	
	PLOT DATE = 8/16/2011	DATE -	REVISED -								



STAGE I - CULVERT NO. 2

MACON & PIATT

FILE NAME =	USER NAME = swartzrw	DESIGNED -	REVISED -
c:\pwwork\pwwork\swartzrw\d0156160\d774	422-sht-staging.dgn	DRAWN -	REVISED -
	PLOT SCALE = 20.0000' / 1".	CHECKED -	REVISED -
	PLOT DATE = 8/16/2011	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGE I - LOCATION 2
TRAFFIC CONTROL**

SCALE: 20 SHEET NO. 4 OF 9 SHEETS STA. 226+00 TO STA. 232+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
741	(11.12)T		85	34
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74422	

HMA BASE COURSE WIDENING, 10"

LT	234+15 TO 237+10	80.1 SQ YD
RT	234+15 TO 237+10	82.4 SQ YD
TOTAL =		162.0 SQ YD

TEMPORARY BRIDGE TRAFFIC SIGNALS

LOCATION 2	1.0 EACH
TOTAL =	1.0 EACH

REMOVAL OF EXISTING STRUCTURES

235+95	0.5 EACH
TOTAL =	0.5 EACH



TEMPORARY CONCRETE BARRIER

233+88 TO 237+37	350.0 FOOT
TOTAL =	350.0 FOOT

PRECAST CONCRETE BOX CULVERT

12' X 2' (M273)

235+57	62.0 FOOT
TOTAL =	62.0 FOOT

CLASS D PATCHES, TYPE IV, 25 INCH

235+57	136.0 SQ YD
TOTAL =	136.0 SQ YD

IMPACT ATTENUATORS, TEMPORARY
(NON-REDIRECTIVE), TEST LEVEL 3

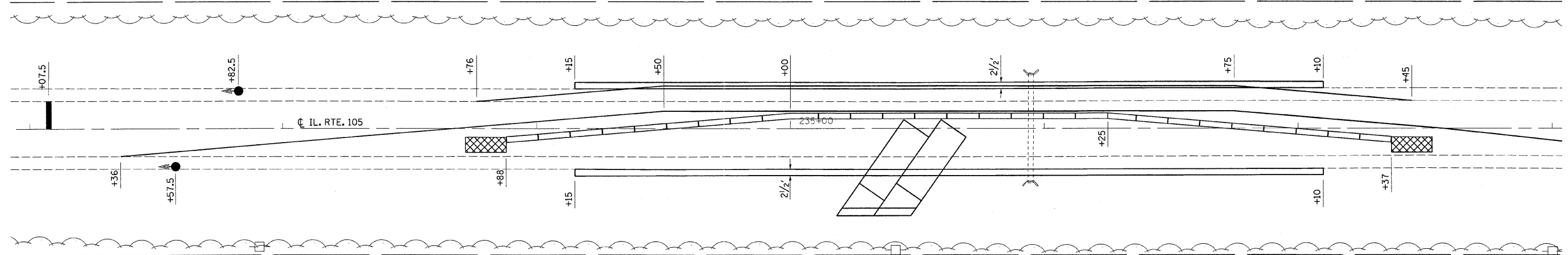
233+88	1.0 EACH
237+37	1.0 EACH
TOTAL =	2.0 EACH

BOX CULVERT END SECTIONS, CULVERT NO. 2

235+57	2.0 EACH
TOTAL =	2.0 EACH

GRANULAR CULVERT BACKFILL

217+29	9.6 CU YD
TOTAL =	9.6 CU YD

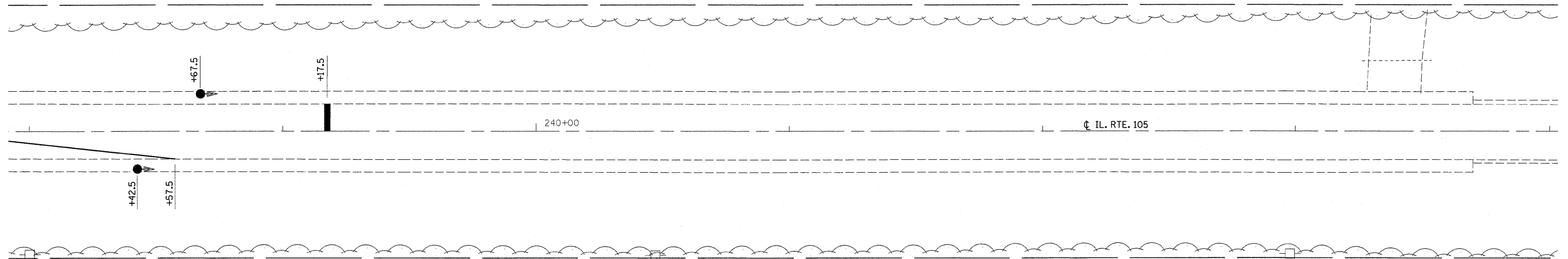


LEGEND

- TEMPORARY BRIDGE TRAFFIC SIGNALS
- IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE) TEST LEVEL 3
- TEMPORARY CONCRETE BARRIER
- STOP BAR

• MACON & PIATT

FILE NAME =	USER NAME = swartzrw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGE I - LOCATION 2 TRAFFIC CONTROL			F.A.P. RTE. 741	SECTION (11,12)T	COUNTY •	TOTAL SHEETS 85	SHEET NO. 35
ca:\pw\work\pwidot\swartzrw\d0156168\d774	22-shr-staging.dgn	DRAWN -	REVISED -		SCALE: 20	SHEET NO. 5 OF 9 SHEETS	STA. 232+00 TO STA. 238+00	CONTRACT NO. 74422				
	PLOT SCALE = 20,0000 ' / in.	CHECKED -	REVISED -		ILLINOIS FED. AID PROJECT							
	PLOT DATE = 8/16/2011	DATE -	REVISED -									



LEGEND

- TEMPORARY BRIDGE TRAFFIC SIGNALS
- STOP BAR

FILE NAME =	USER NAME = swartzrw	DESIGNED -	REVISED -
c:\pw_work\pwidot\swartzrw\d0156168\d774	22-sht-staging.dgn	DRAWN -	REVISED -
	PLOT SCALE = 20.0000 / in.	CHECKED -	REVISED -
	PLOT DATE = 8/16/2011	DATE -	REVISED -

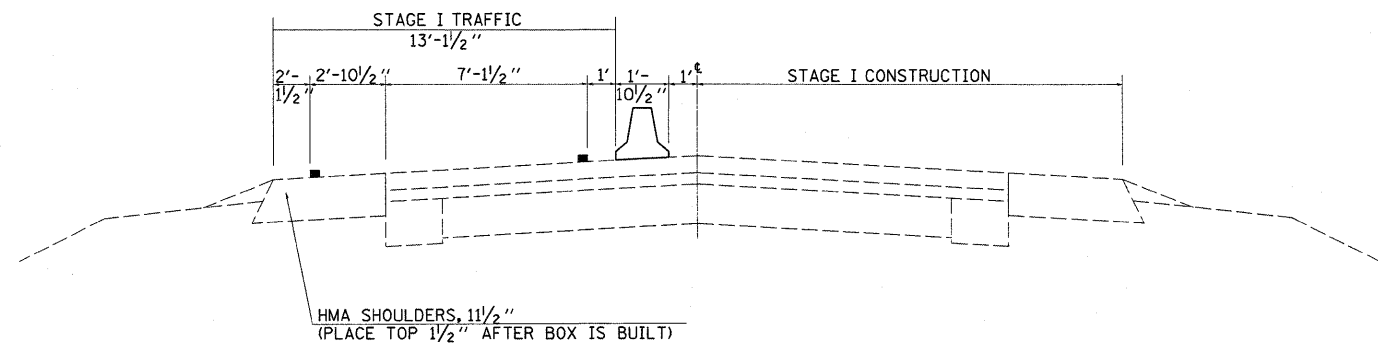
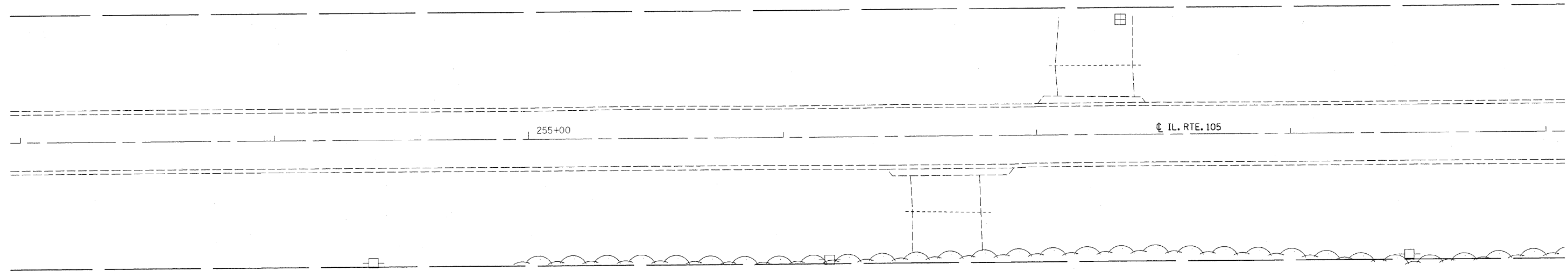
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGE 1 - LOCATION 2
TRAFFIC CONTROL**

SCALE: 20 SHEET NO. 6 OF 9 SHEETS STA. 238+00 TO STA. 244+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
741	(11,12)T	*	85	36
CONTRACT NO. 74422				
ILLINOIS FED. AID PROJECT				

• MACON & PIATT



STAGE I - CULVERT NO. 3

• MACON & PIATT

FILE NAME =	USER NAME = swartzrw	DESIGNED -	REVISED -
c:\pwork\pwork\swartzrw\d0156168\d774	22-sht-staging.dgn	DRAWN -	REVISED -
	PLOT SCALE = 20.0000 1 / in.	CHECKED -	REVISED -
	PLOT DATE = 8/16/2011	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGE I - LOCATION 3
TRAFFIC CONTROL**

SCALE: 20 SHEET NO. 7 OF 9 SHEETS STA. 253+00 TO STA. 259+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
741	(11,12)T	•	85	37
CONTRACT NO. 74422				
ILLINOIS FED. AID PROJECT				

TEMPORARY CONCRETE BARRIER

261+03 TO 262+53 150.0 FOOT
 TOTAL = 150.0 FOOT

IMPACT ATTENUATORS, TEMPORARY

(NON-REDIRECTIVE), TEST LEVEL 3

261+03 1.0 EACH
 262+75 1.0 EACH
 TOTAL = 2.0 EACH

PRECAST CONCRETE BOX CULVERT

6' X 2' (M273)

262+15 28.0 FOOT
 TOTAL = 28.0 FOOT

CLASS D PATCHES, TYPE IV, 25 INCH

262+15 25.0 SQ YD
 TOTAL = 25.0 SQ YD



IMPACT ATTENUATORS, TEMPORARY (FULLY
(REDIRECTIVE, NARROW), TEST LEVEL 3

262+53 1.0 EACH
 TOTAL = 1.0 EACH

BOX CULVERT END SECTIONS, CULVERT NO. 3

262+15 1.0 EACH
 TOTAL = 1.0 EACH

GRANULAR CULVERT BACKFILL

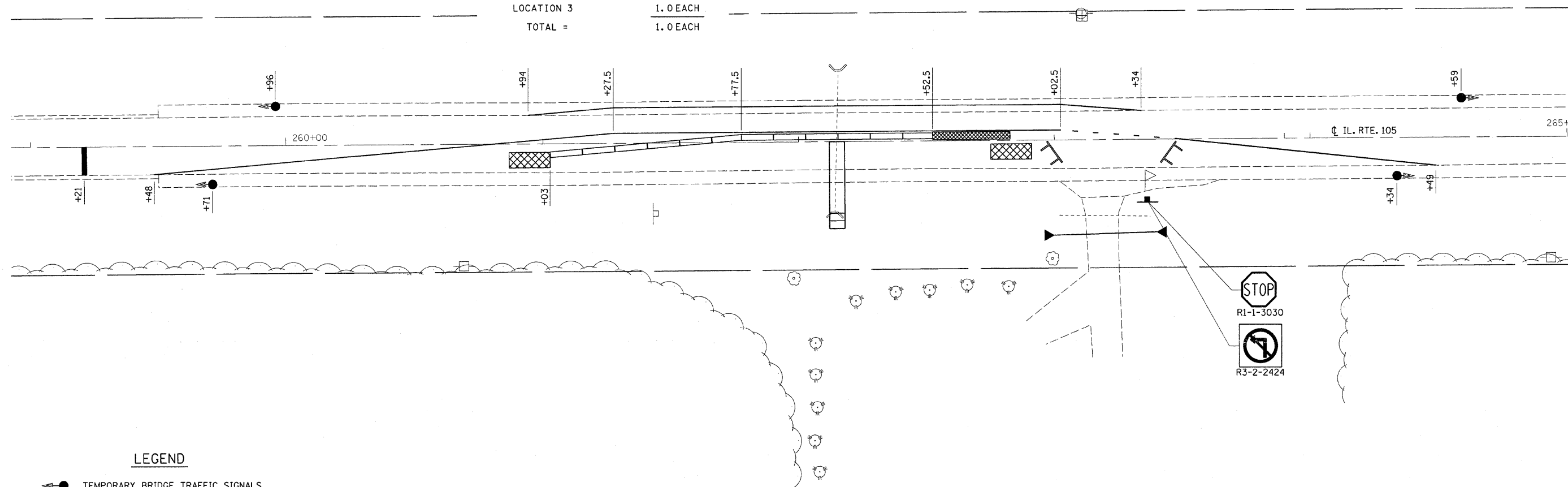
217+29 7.8 CU YD
 TOTAL = 7.8 CU YD

PIPE CULVERT REMOVAL

262+15 28.0 FOOT
 TOTAL = 28.0 FOOT

TEMPORARY BRIDGE TRAFFIC SIGNALS

LOCATION 3 1.0 EACH
 TOTAL = 1.0 EACH



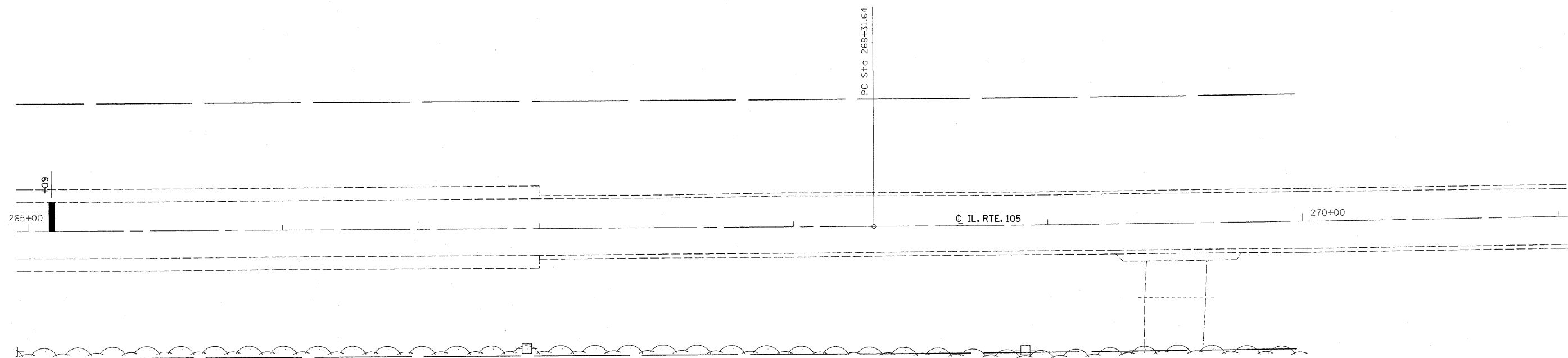
LEGEND

- TEMPORARY BRIDGE TRAFFIC SIGNALS
- IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE) TEST LEVEL 3
- TEMPORARY CONCRETE BARRIER
- STOP BAR
- IMPACT ATTENUATORS, TEMPORARY (FULLY-REDIRECTIVE, NARROW) TEST LEVEL 3
- TYPE III BARRICADE

• MACON & PIATT

FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGE I - LOCATION 3 TRAFFIC CONTROL	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
cr:\pw_work\pwidot\swartzw\d0156168\d77422-ahb-staging.dgn	PLOT SCALE = 20.0000' / 1" =	DRAWN -	REVISED -			741	(11,12)T	•	85	38	
	PLOT DATE = 8/16/2011	CHECKED -	REVISED -			CONTRACT NO. 74422					
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

SCALE: 20 SHEET NO. 8 OF 9 SHEETS STA. 259+00 TO STA. 265+00

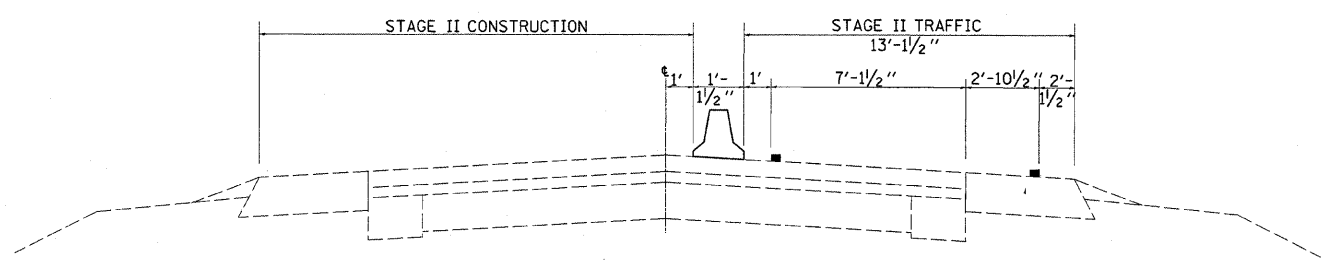
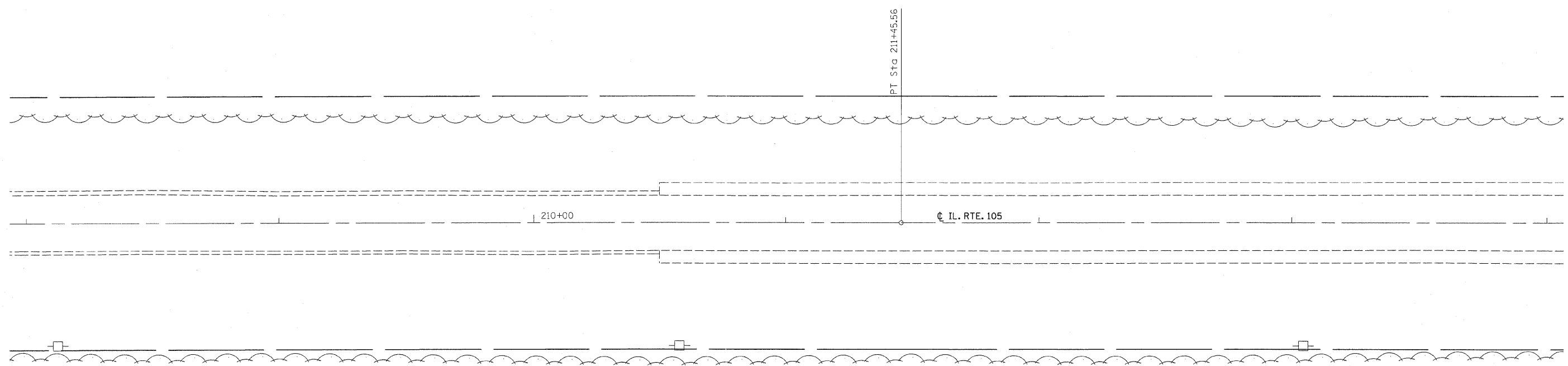


LEGEND

STOP BAR

• MACON & PIATT

FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGE I - LOCATION 3 TRAFFIC CONTROL	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw_work\pwidot\swartzw\d0156168\d774422-sh-t-staging.dgn		DRAWN -	REVISED -			741	(11.12)T	•	85	39
	PLOT SCALE = 28.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 74422				
	PLOT DATE = 8/16/2011	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
					SCALE: 20	SHEET NO. 9 OF 9 SHEETS		STA. 265+00 TO STA. 271+00		



STAGE II - CULVERT NO. 1

• MACON & PIATT

FILE NAME = c:\p\work\p\dot\swartzr\156168\177422-shit-staging.dgn	USER NAME = swartzr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGE II - LOCATION 1 TRAFFIC CONTROL			F.A.P. RTE. 741	SECTION (11.12)T	COUNTY •	TOTAL SHEETS 85	SHEET NO. 40
PLOT SCALE = 20,0000' / in.	CHECKED -	REVISIED -	REVISED -		SCALE: 20	SHEET NO. 1 OF 9 SHEETS	STA. 208+00	TO STA. 214+00	CONTRACT NO. 74422		ILLINOIS FED. AID PROJECT	
PLOT DATE = 9/16/2011	DATE -	REVISED -	REVISED -									

TEMPORARY CONCRETE BARRIER

216+17 TO 217+54	87.5 FOOT
TOTAL =	87.5 FOOT

PRECAST CONCRETE BOX CULVERT
10' X 2' (M273)

217+29	28.0 FOOT
TOTAL =	28.0 FOOT

RELOCATE TEMPORARY CONCRETE BARRIER

216+17 TO 218+41	137.5 FOOT
TOTAL =	137.5 FOOT

BOX CULVERT END SECTIONS, CULVERT NO. 1

217+29	1.0 EACH
TOTAL =	1.0 EACH

PIPE CULVERTS, CLASS A, TYPE 1 21"

70th STREET	56.0 FOOT
TOTAL =	56.0 FOOT

CLASS D PATCHES, TYPE IV, 25 INCH

217+29	31.7 SQ YD
70th STREET	39.1 SQ YD
TOTAL =	70.8 SQ YD

IMPACT ATTENUATORS, RELOCATE
(NON-REDIRECTIVE), TEST LEVEL 3

216+17	1.0 EACH
218+41	1.0 EACH
TOTAL =	2.0 EACH

PIPE CULVERT REMOVAL

217+29	25.0 FOOT
70th STREET	52.0 FOOT
TOTAL =	77.0 FOOT

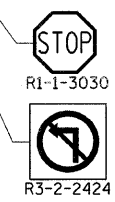
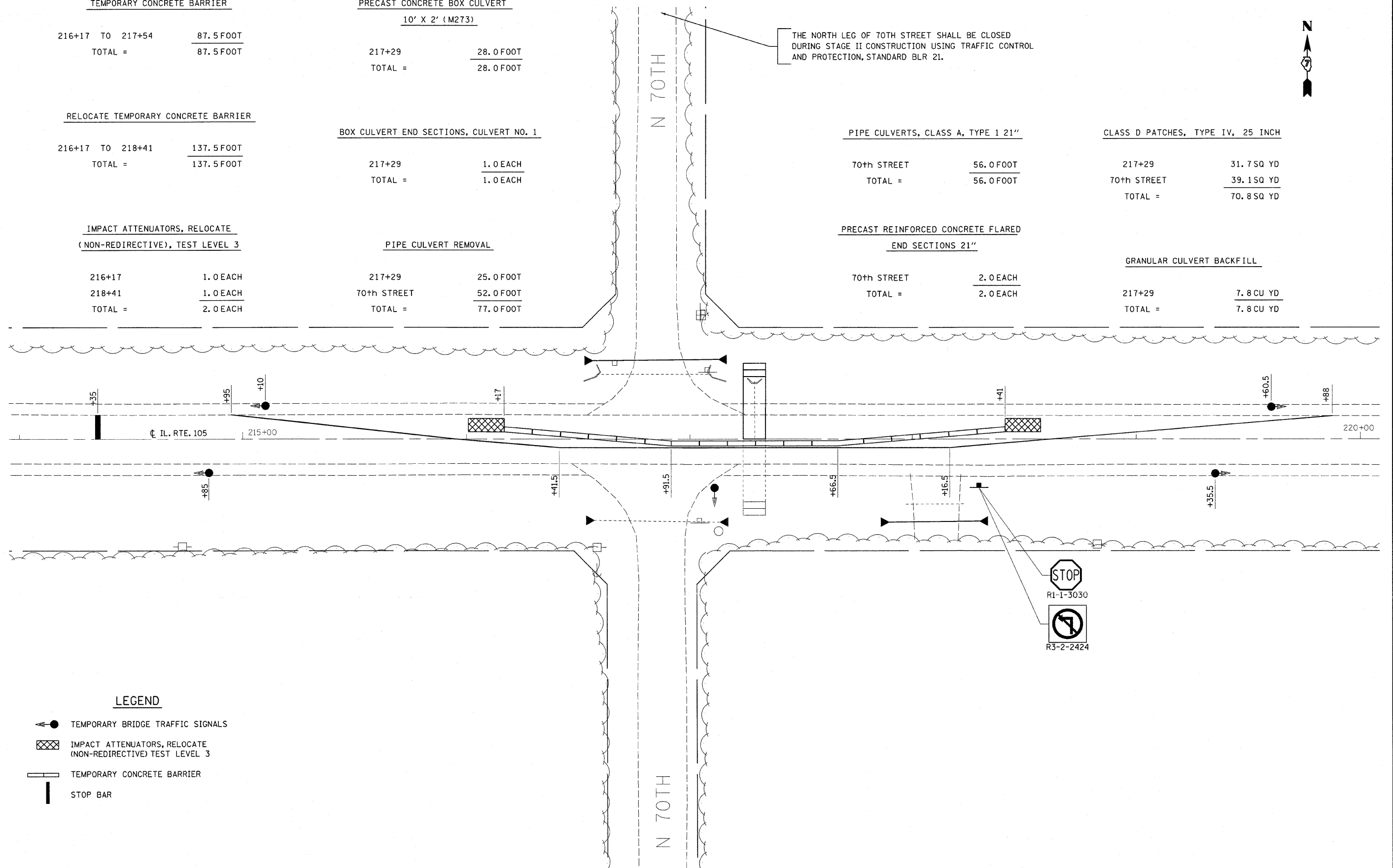
PRECAST REINFORCED CONCRETE FLARED
END SECTIONS 21"

70th STREET	2.0 EACH
TOTAL =	2.0 EACH

GRANULAR CULVERT BACKFILL

217+29	7.8 CU YD
TOTAL =	7.8 CU YD

THE NORTH LEG OF 70TH STREET SHALL BE CLOSED DURING STAGE II CONSTRUCTION USING TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21.



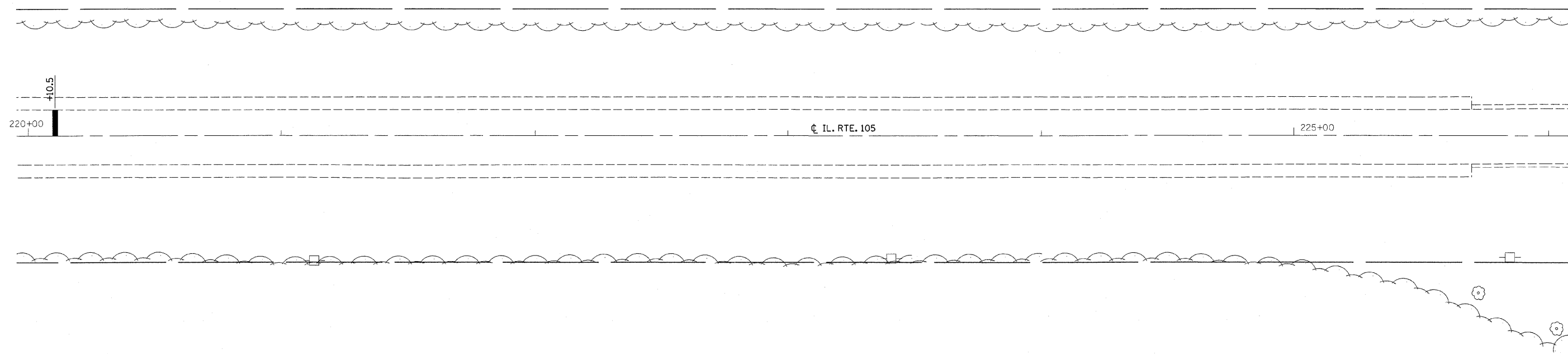
LEGEND

- TEMPORARY BRIDGE TRAFFIC SIGNALS
- IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE) TEST LEVEL 3
- TEMPORARY CONCRETE BARRIER
- STOP BAR

• MACON & PIATT

FILE NAME = c:\pw_work\pwsdot\swartzr\vd0156168\177422-sht-staging.dgn	USER NAME = swartzr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGE II - LOCATION 1 TRAFFIC CONTROL	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 20,0000' / in.	CHECKED -	REVISED -	741			(11.12)T	•	85	41	
PLOT DATE = 9/16/2011	DATE -	REVISED -	CONTRACT NO. 74422							
						ILLINOIS FED. AID PROJECT				

SCALE: 20 SHEET NO. 2 OF 9 SHEETS STA. 214+00 TO STA. 220+00



LEGEND

 STOP BAR

• MACON & PIATT

FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGE II - LOCATION 1 TRAFFIC CONTROL			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ca:\pw_work\pw\dot\swartzw\d0156168\d77422-shr-staging.dgn	PLOT SCALE = 20,0000' / in.	DRAWN -	REVISED -		SCALE: 20	SHEET NO. 3 OF 9 SHEETS	STA. 220+00 TO STA. 226+00	741	(11,12)T	*	85	42
	PLOT DATE = 8/16/2011	CHECKED -	REVISED -					CONTRACT NO. 74422				
		DATE -	REVISED -					ILLINOIS FED. AID PROJECT				

RELOCATE TEMPORARY CONCRETE BARRIER

261+03 TO 237+37 350.0 FOOT
 TOTAL = 350.0 FOOT

PRECAST CONCRETE BOX CULVERT

12' X 2' (M273)

235+57 62.0 FOOT
 TOTAL = 62.0 FOOT

REMOVAL OF EXISTING STRUCTURES

235+95 0.5 EACH
 TOTAL = 0.5 EACH

IMPACT ATTENUATORS, RELOCATE
 (NON-REDIRECTIVE), TEST LEVEL 3

261+03 1.0 EACH
 263+27 1.0 EACH
 TOTAL = 2.0 EACH

BOX CULVERT END SECTIONS, CULVERT NO. 2

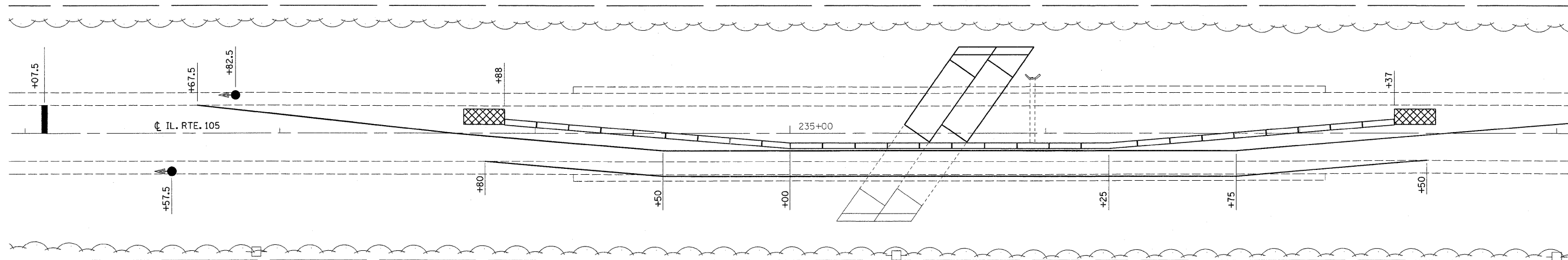
235+57 2.0 EACH
 TOTAL = 2.0 EACH

CLASS D PATCHES, TYPE IV, 25 INCH

235+57 106.0 SQ YD
 TOTAL = 106.0 SQ YD

GRANULAR CULVERT BACKFILL

217+29 9.6 CU YD
 TOTAL = 9.6 CU YD



LEGEND

- TEMPORARY BRIDGE TRAFFIC SIGNALS
- IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE) TEST LEVEL 3
- TEMPORARY CONCRETE BARRIER
- STOP BAR

• MACON & PIATT

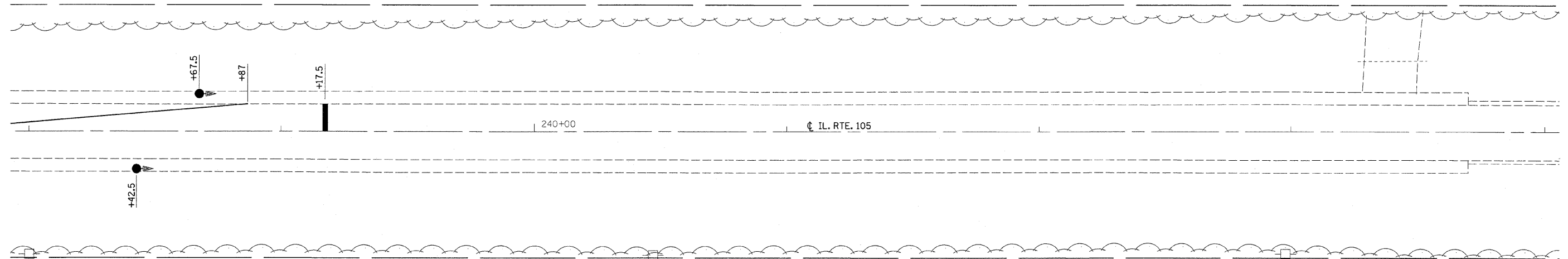
FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -
et:\pw\work\p\dot\swartzw\d0156168\d77422-sh-t-staging.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -
	PLOT SCALE = 20.0000 ' / in.		
	PLOT DATE = 8/16/2011		

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION



STAGE II - LOCATION 2
 TRAFFIC CONTROL

SCALE: 20 SHEET NO. 5 OF 9 SHEETS STA. 232+00 TO STA. 238+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
741	(11,12)T	•	85	44
			CONTRACT NO. 74422	
ILLINOIS FED. AID PROJECT				

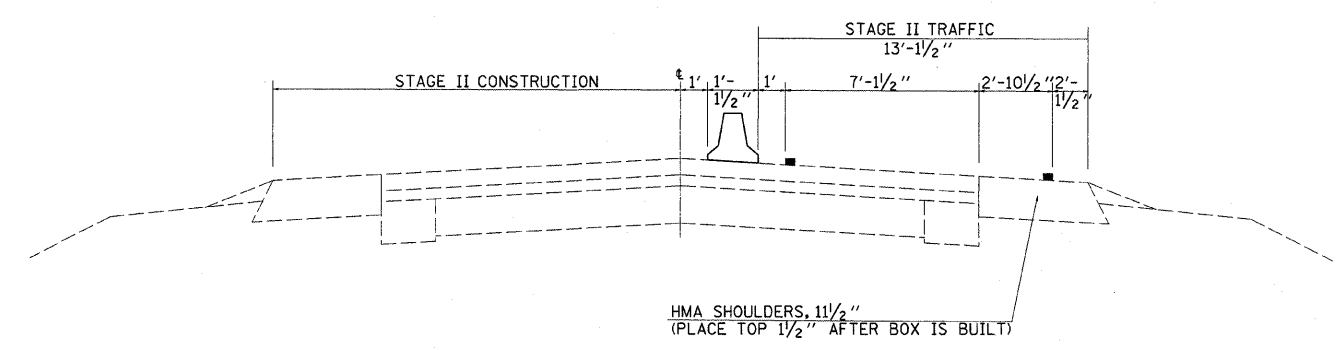
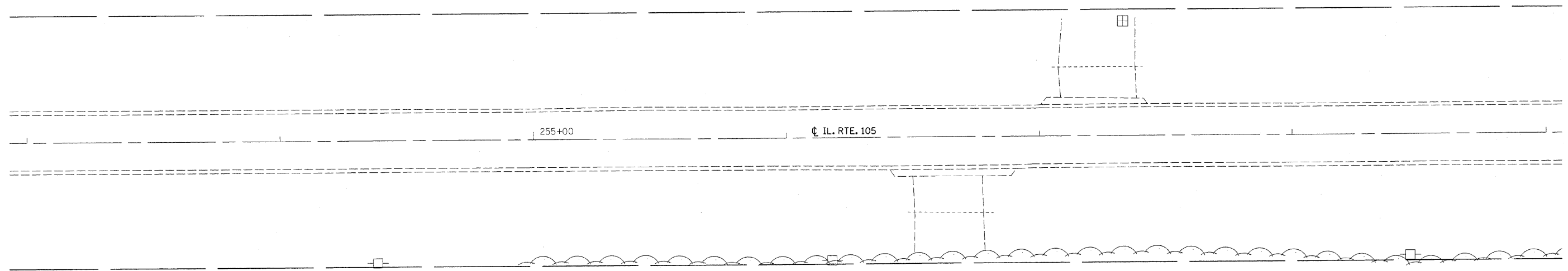


LEGEND

-  TEMPORARY BRIDGE TRAFFIC SIGNALS
-  STOP BAR

• MACON & PIATT

FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGE II - LOCATION 2 TRAFFIC CONTROL	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwork\pwork\swartzw\d0156168\d774	422-shr-staging.dgn	DRAWN -	REVISED -			741	(11.12)T	•	85	45	
PLOT SCALE = 20,0000' / in.	CHECKED -	REVISED -	SCALE: 20			SHEET NO. 6 OF 9 SHEETS	STA. 238+00 TO STA. 244+00	CONTRACT NO. 74422			
PLOT DATE = 8/16/2011	DATE -	REVISED -	ILLINOIS FED. AID PROJECT								



STAGE II - CULVERT NO. 3

• MACON & PIATT

FILE NAME =	USER NAME = swartzr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGE II - LOCATION 3 TRAFFIC CONTROL			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ca:\pw_work\pwidot\swartzr\d0156168\d774	22-ehtrstaging.dgn	DRAWN -	REVISED -		SCALE: 20	SHEET NO. 7 OF 9 SHEETS	STA. 253+00 TO STA. 259+00	741	(11.12)T	•	85	46
PLOT SCALE = 20,0000' / 1"	CHECKED -	REVISED -	REVISED -		CONTRACT NO. 74422							
PLOT DATE = 8/16/2011	DATE -	REVISED -	REVISED -		ILLINOIS FED. AID PROJECT							

TEMPORARY CONCRETE BARRIER		
261+03 TO 262+53		75.0 FOOT
TOTAL =		75.0 FOOT

PRECAST CONCRETE BOX CULVERT 6' X 2' (M273)		
262+15		28.0 FOOT
TOTAL =		28.0 FOOT

CLASS D PATCHES, TYPE IV, 25 INCH		
262+15		25.0 SQ YD
263+19		25.0 SQ YD
TOTAL =		50.0 SQ YD



RELOCATE TEMPORARY CONCRETE BARRIER		
261+03 TO 262+53		150.0 FOOT
TOTAL =		150.0 FOOT

BOX CULVERT END SECTIONS, CULVERT NO. 3		
262+15		1.0 EACH
TOTAL =		1.0 EACH

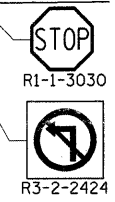
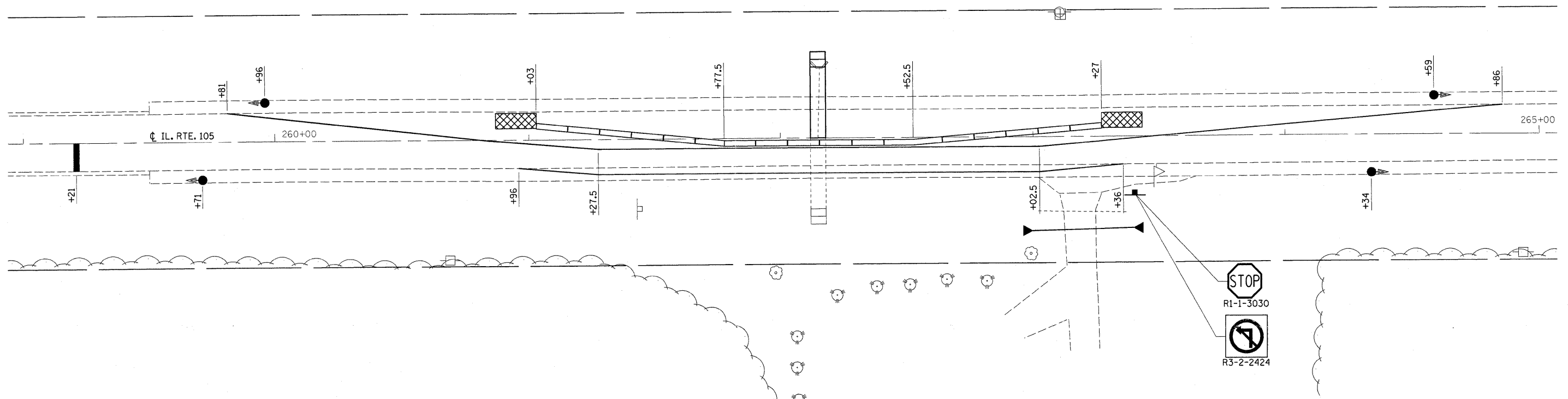
GRANULAR CULVERT BACKFILL		
217+29		7.8 CU YD
TOTAL =		7.8 CU YD

**IMPACT ATTENUATORS, RELOCATE
(NON-REDIRECTIVE), TEST LEVEL 3**

261+03		1.0 EACH
263+27		1.0 EACH
TOTAL =		2.0 EACH

PIPE CULVERT REMOVAL

262+15		28.0 FOOT
TOTAL =		28.0 FOOT



LEGEND

- TEMPORARY BRIDGE TRAFFIC SIGNALS
- IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE) TEST LEVEL 3
- TEMPORARY CONCRETE BARRIER
- STOP BAR

FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -
ca:\pwork\pwork\swartzw\d0156168\4774	22-sht-staging.dgn	DRAWN -	REVISED -
	PLOT SCALE = 20.4200' / in.	CHECKED -	REVISED -
	PLOT DATE = 8/16/2011	DATE -	REVISED -

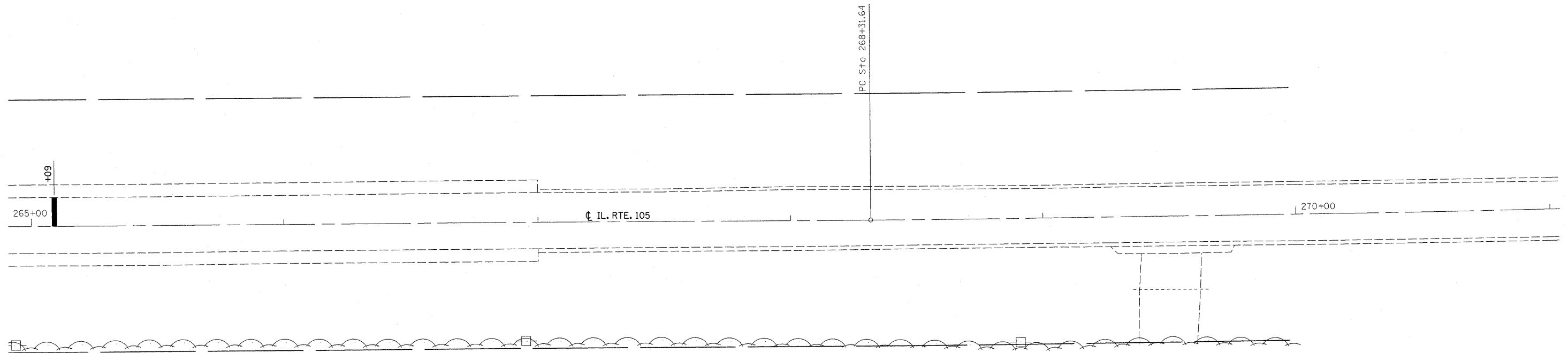
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGE II - LOCATION 3
TRAFFIC CONTROL**


SCALE: 20 SHEET NO. 8 OF 9 SHEETS STA. 259+00 TO STA. 265+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
741	(11,12)T		85	47
CONTRACT NO. 74422				
ILLINOIS FED. AID PROJECT				

• MACON & PIATT



LEGEND

 STOP BAR

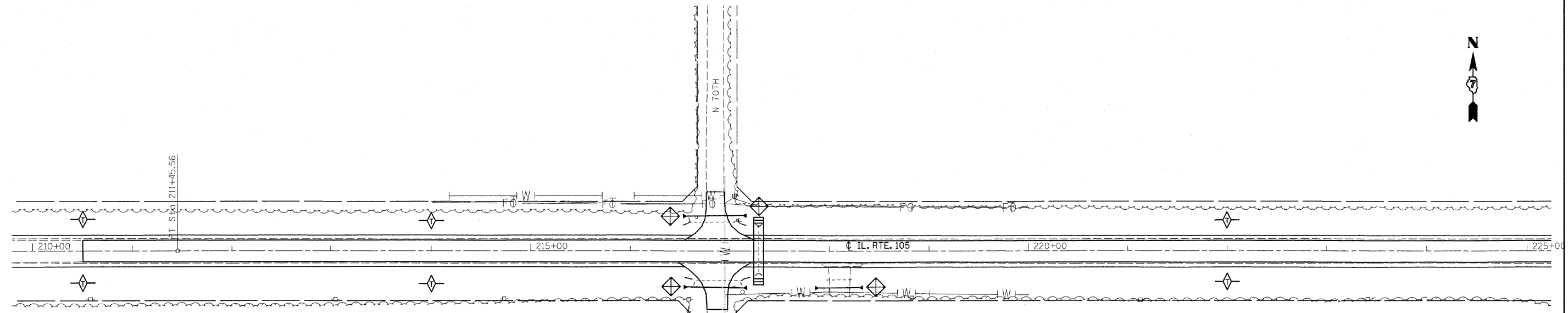
• MACON & PIATT

FILE NAME = c:\pw\work\pw\dot\swartzw\d0156168\d774	USER NAME = swartzw 22-shh-staging.dgn	DESIGNED -	REVISED -
	PLOT SCALE = 20.0000' / in.	DRAWN -	REVISED -
	PLOT DATE = 8/16/2011	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE II - LOCATION 3 TRAFFIC CONTROL			
SCALE: 20	SHEET NO. 9 OF 9 SHEETS	STA. 265+00	TO STA. 271+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
741	(11,12)T	•	85	48
CONTRACT NO. 74422				
<small>ILLINOIS FED. AID PROJECT</small>				



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.

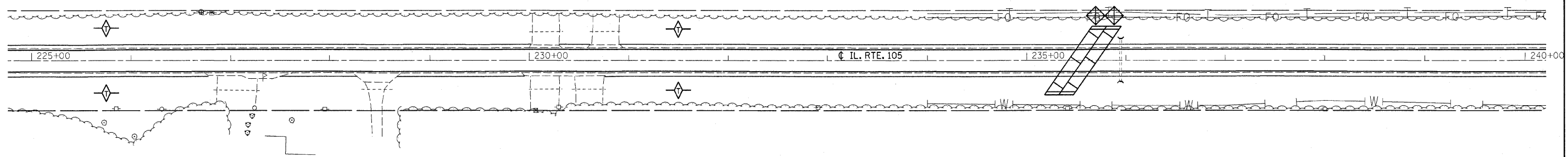
EROSION CONTROL GENERAL NOTES (Cont' d)

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:

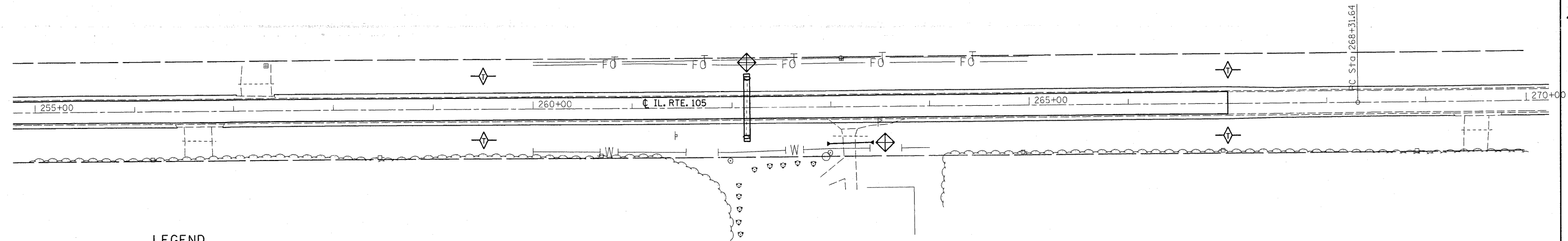
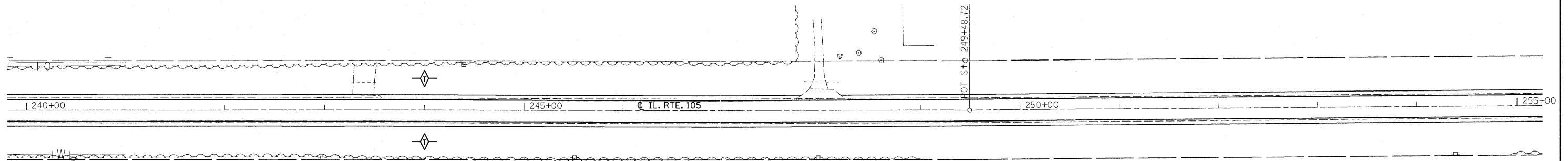
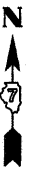
1. EXCAVATION AND EMBANKMENT AREAS SHALL BE PERMANENTLY SEEDED WHEN FINAL GRADED.
 - (a) TEMPORARY EROSION CONTROL SYSTEMS SHALL REMAIN IN PLACE WITH PROPER MAINTENANCE UNTIL PERMANENT EROSION CONTROL IS IN PLACE AND WORKING PROPERLY WITH ALL PROPOSED TURF AREAS SEEDED AND A PROPER STAND ESTABLISHED.





LEGEND

- INLET AND PIPE PROTECTION
- TEMPORARY DITCH CHECKS

FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION CONTROL PLAN			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pw\work\pwidot\swartzw\156168\156168.dwg	22-shr-erosion.dgn	DRAWN -	REVISED -		741	(11,12)T	MACON	85	49			
PLOT SCALE = 50.0000' / 1" =	CHECKED -	REVISED -	REVISED -		CONTRACT NO. 74422							
PLOT DATE = 8/16/2011	DATE -	REVISED -	REVISED -		ILLINOIS FED. AID PROJECT							
				SCALE: 50	SHEET NO. 1 OF 2 SHEETS	STA. 210+00	TO STA. 240+00					



LEGEND

-  INLET AND PIPE PROTECTION
-  TEMPORARY DITCH CHECKS

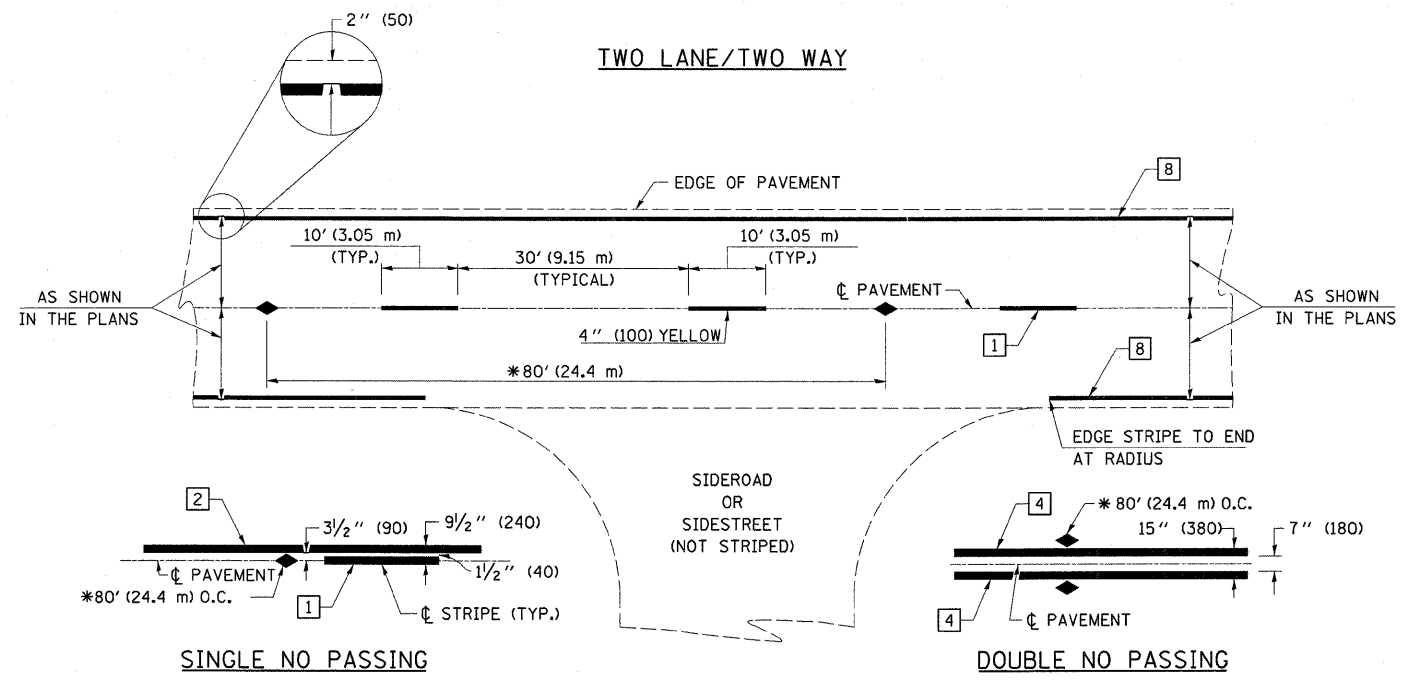
FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -
ex:\pw\work\p\dot\swartzw\d0156168\0774	22-sht-erosion.dgn	DRAWN -	REVISED -
	PLOT SCALE = 50.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 8/16/2011	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EROSION CONTROL PLAN

SCALE: 50 SHEET NO. 2 OF 2 SHEETS STA. 240+00 TO STA. 270+00

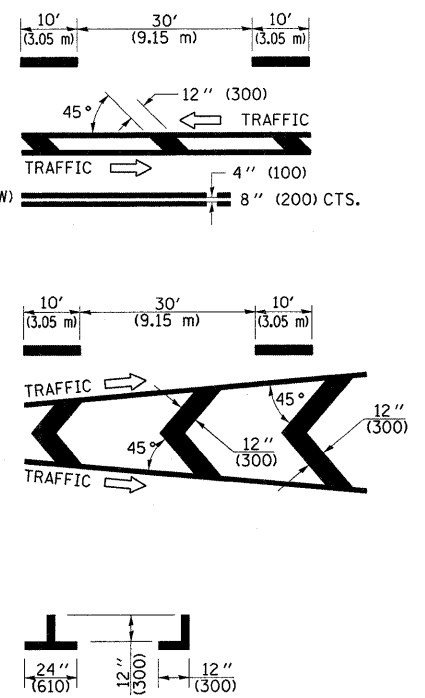
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
741	(11.12)T	MACON	85	50
CONTRACT NO. 74422				
ILLINOIS FED. AID PROJECT				



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

PAVEMENT MARKING LEGEND

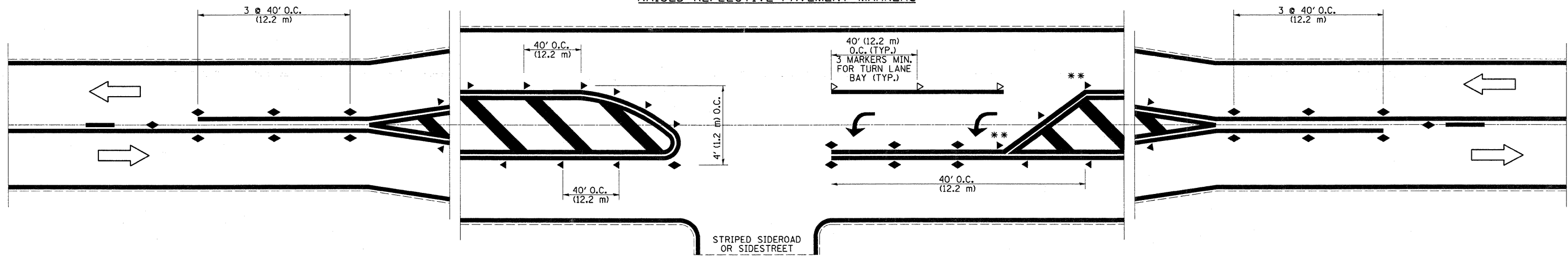
- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 RESERVED
- 6 RESERVED
- 7 6" (150) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)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



TYPICAL PAVEMENT MARKERS LEGEND

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

RAISED REFLECTIVE PAVEMENT MARKERS



** REDUCE SPACING IF NECESSARY TO ASSURE MARKERS AT CORNER POINTS.

NOT TO SCALE
Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

• MACON & PIATT

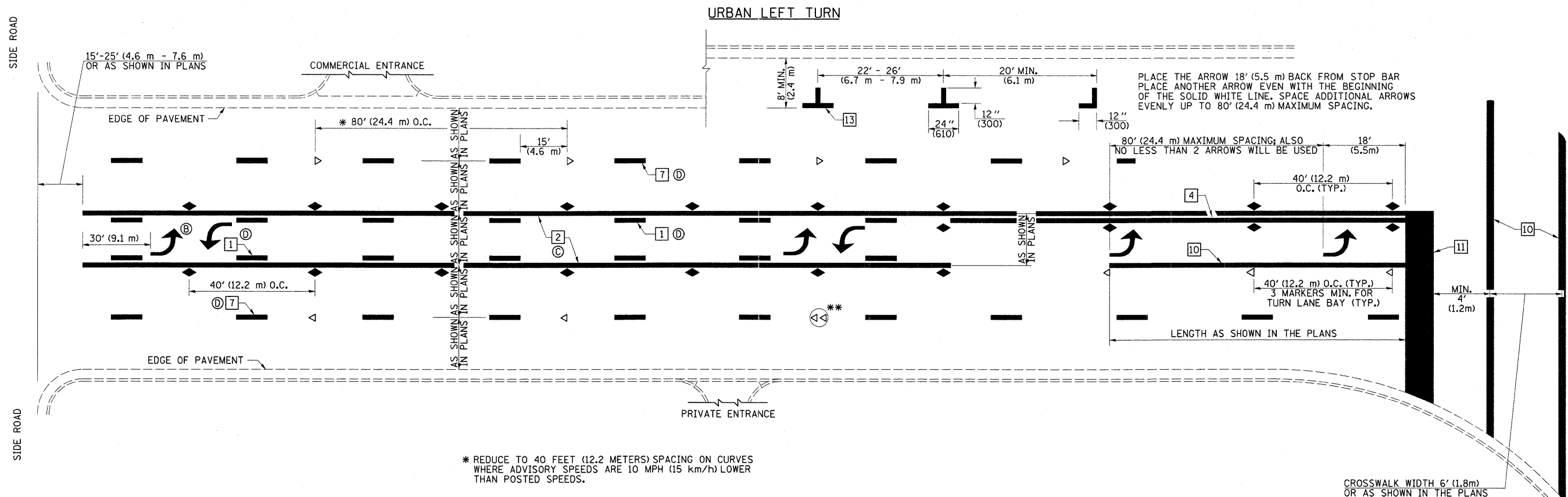
FILE NAME =	USER NAME = swartzrw	DESIGNED -	REVISED -
c:\pwork\pvidot\swartzrw\d8156168\d774	422-sht-details.dgn	DRAWN -	REVISED -
	PLOT SCALE = 51.1628 1/1 in.	CHECKED -	REVISED -
	PLOT DATE = 8/16/2011	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS
(RURAL & URBAN APPLICATIONS)

SCALE: NA SHEET NO. 1 OF 4 SHEETS STA. TO STA.

DISTRICT 7 DETAIL NO. 78000001				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
741	(11,12)T	•	85	51
CONTRACT NO. 74422				
ILLINOIS FED. AID PROJECT				



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

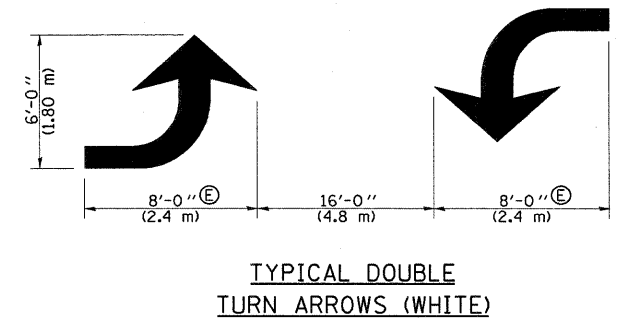
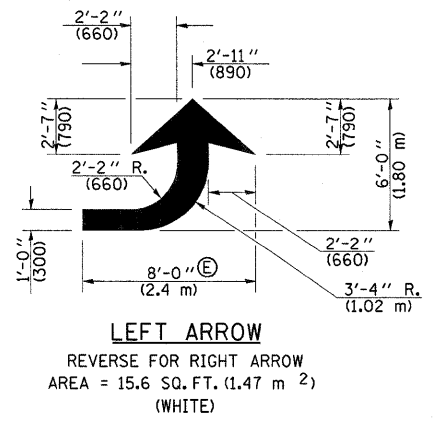
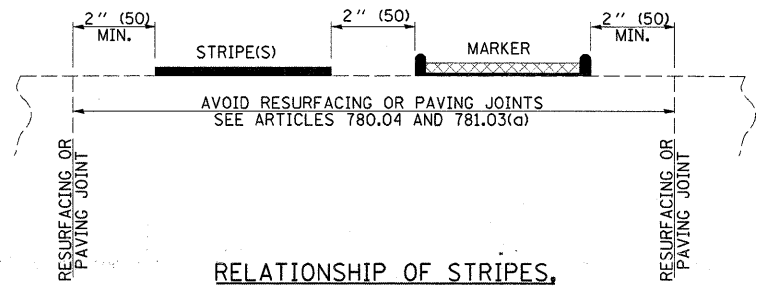
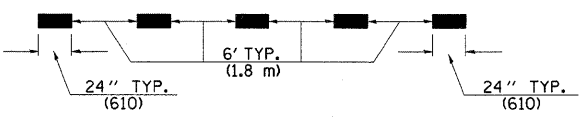
** DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED AND SPACED AS SHOWN IN HIGHWAY STANDARD 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED HIGHWAYS.

PAVEMENT MARKING LEGEND

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

GENERAL NOTES

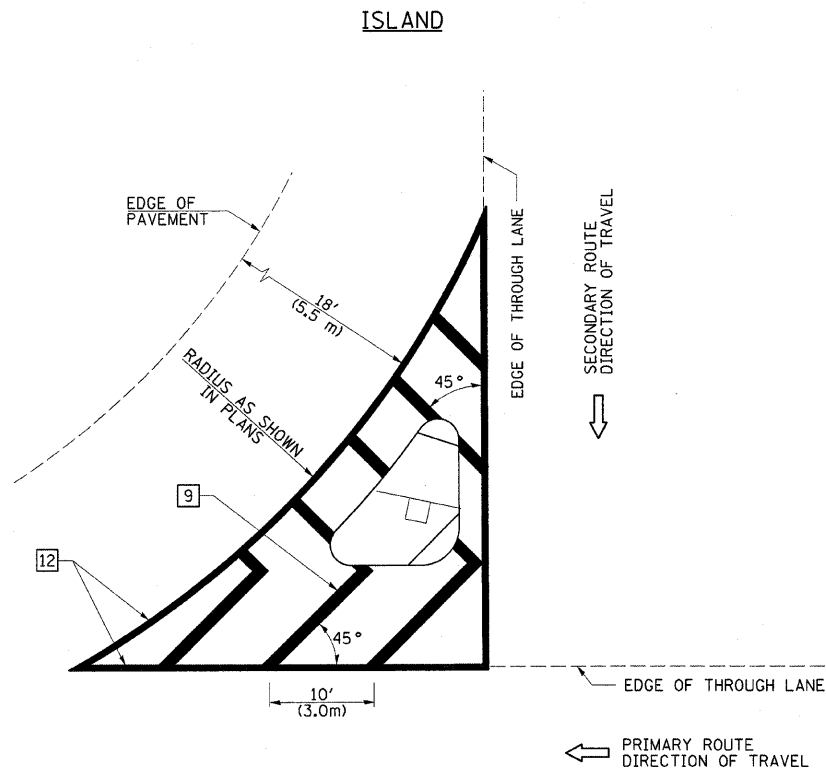
1. TURN ARROW PAIRS SHALL BE PLACED AT 250' (75 m) INTERVALS AND SHALL BE EVENLY SPACED BETWEEN BOTH ENDS OF THE BIDIRECTIONAL LEFT TURN LANE. USE A MINIMUM OF TWO PAIRS PER BLOCK.
2. THE SOLID YELLOW PAVEMENT MARKINGS [2] SHOULD GENERALLY START OR END NEAR THE RADIUS POINT OF EACH STREET RETURN EXCEPT WHERE ONE OR BOTH ENDS WOULD INCLUDE STOP BARS.
3. THE SKIP-DASH PAVEMENT MARKINGS [1] OR [7] SHOULD BE CENTERED BETWEEN BOTH ENDS OF EACH CITY BLOCK AND SHALL BE PLACED SO THEY LINE UP ACROSS FROM EACH OTHER.
4. USE LARGE ARROW SIZE FOR BOTH RURAL AND URBAN LOCATIONS. (SEE LAST PAGE OF SECTION 780X FOR SYMBOLS TABLE)
5. LANE LINE EXTENSIONS SHALL BE THE SAME COLOR AND WIDTH AS THE LANE LINE BEING EXTENDED.



NOT TO SCALE
Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

• MACON & PIATT

FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS (RURAL & URBAN APPLICATIONS)		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pw_work\pwidot\swartzw\d0156168\d774	422-sht-details.dgn	DRAWN -	REVISED -				741	(11,12)T	*	85	52
	PLOT SCALE = 5/1628 1/16"	CHECKED -	REVISED -				CONTRACT NO. 74422				
	PLOT DATE = 8/16/2011	DATE -	REVISED -				ILLINOIS FED. AID PROJECT				
				SCALE: NA		SHEET NO. 2 OF 4 SHEETS		STA. TO STA.			

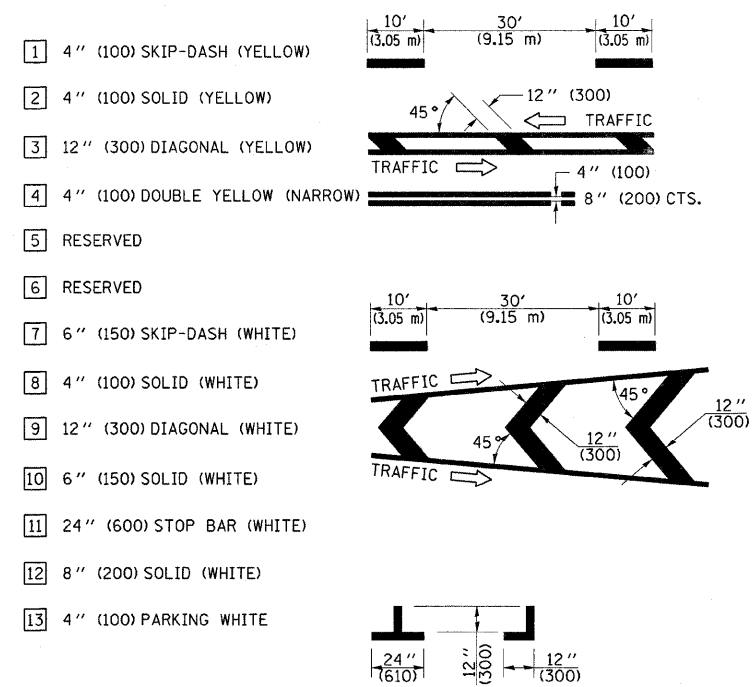


GENERAL NOTES

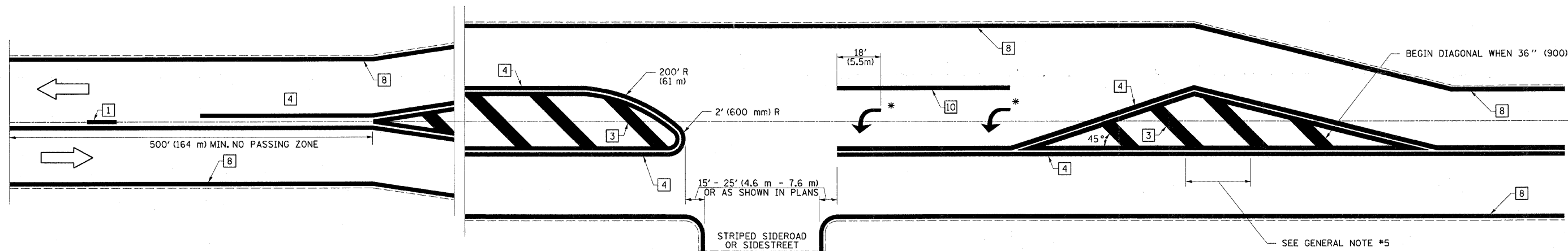
1. RAISED AND CORRUGATED MEDIANS SHALL BE OUTLINED WITH [2] IF PRESENT.
2. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
3. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
4. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING ANY RAISED REFLECTIVE PAVEMENT MARKERS.
5. THE FOLLOWING CRITERIA SHALL BE USED FOR SELECTING THE DIAGONAL PAVEMENT MARKING SPACING:

< 30 MPH (< 50 km/h)	15' (4.5 m)
30-45 MPH (50-75 km/h)	20' (6.0 m)
> 45 MPH (> 75 km/h)	30' (9.0 m)

PAVEMENT MARKING LEGEND



RURAL LEFT TURN STRIPING



* PLACE AN ARROW 18' (5.5 m) BACK FROM STOP BAR. PLACE ANOTHER ARROW EVEN WITH THE BEGINNING OF THE SOLID WHITE LINE. SPACE ADDITIONAL ARROWS EVENLY UP TO 80' (24.4 m) MAXIMUM SPACING. USE MINIMUM OF 2 ARROWS.

NOT TO SCALE
Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

• MACON & PIATT

DISTRICT 7 DETAIL NO. 7800001

FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -
ca:\pwork\pwork\swartzw\08156160\4774	22-shr-details.dgn	DRAWN -	REVISED -
	PLOT SCALE = 50.0000" / in.	CHECKED -	REVISED -
	PLOT DATE = 8/16/2011	DATE -	REVISED -

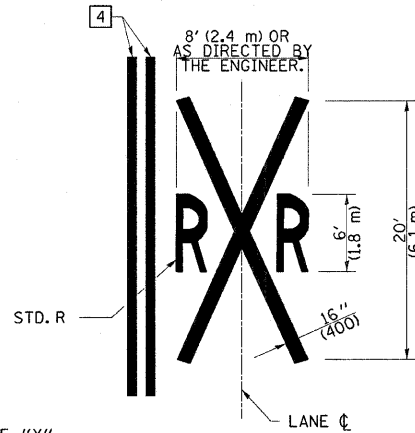
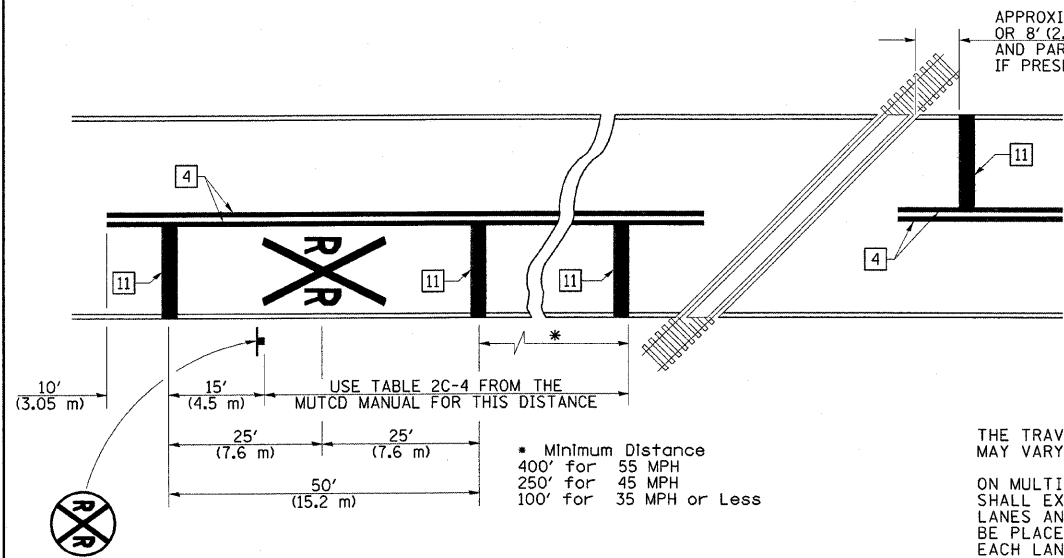
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
741	(11,12)T		85	53
			CONTRACT NO. 74422	
ILLINOIS FED. AID PROJECT				

SCALE: NA SHEET NO. 3 OF 4 SHEETS STA. TO STA.

PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING



NOTES

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

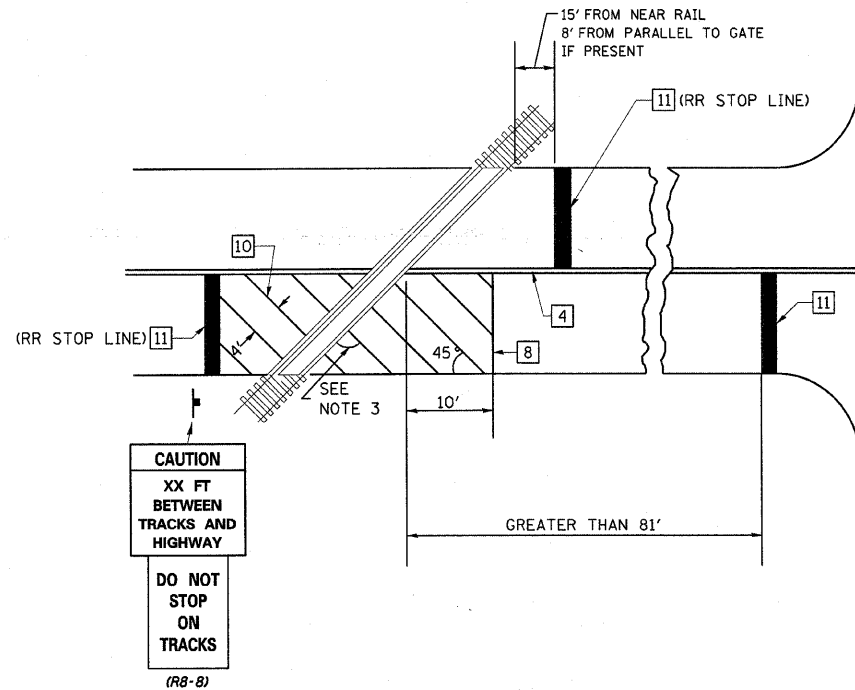
ON MULTI-LANE ROADS, THE STOP LINES SHALL EXTEND ACROSS ALL APPROACH LANES AND SEPARATE RXX SYMBOLS SHALL BE PLACED ADJACENT TO EACH OTHER IN EACH LANE.

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

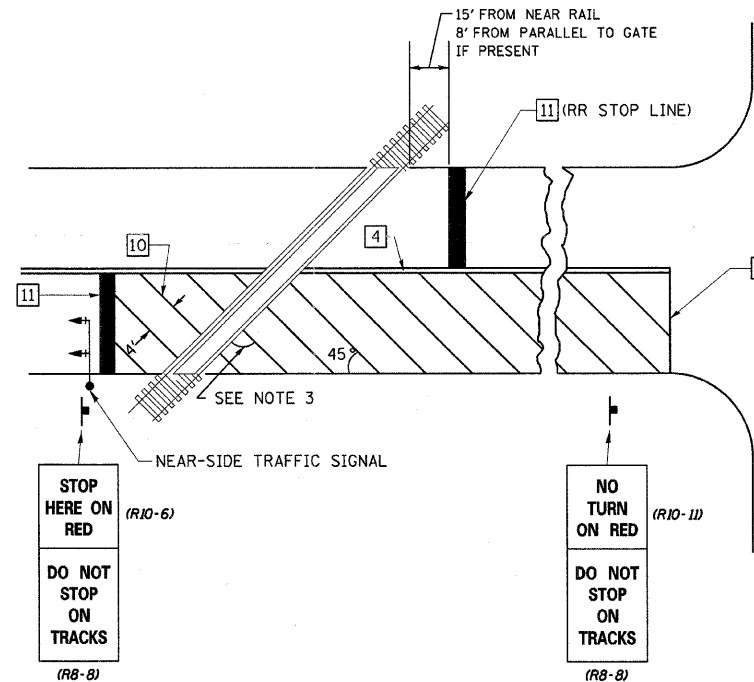
PAVEMENT MARKING LEGEND

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

RAILROAD CROSSING WITH INTERCONNECT ONLY



RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



GENERAL NOTES

- SUPPLEMENTAL PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
- EXTEND PAVEMENT MARKINGS TO THE INTERSECTION ONLY WHERE NEAR-SIDE TRAFFIC SIGNALS ARE USED.
- WHERE THE ANGLE BETWEEN THE DIAGONAL PAVEMENT MARKINGS AND THE TRACK WOULD BE LESS THAN 20°, THE PAVEMENT MARKINGS SHOULD BE PLACED IN THE OPPOSITE DIRECTION FROM THAT SHOWN.

SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING

NOT TO SCALE
 Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

• MACON & PIATT

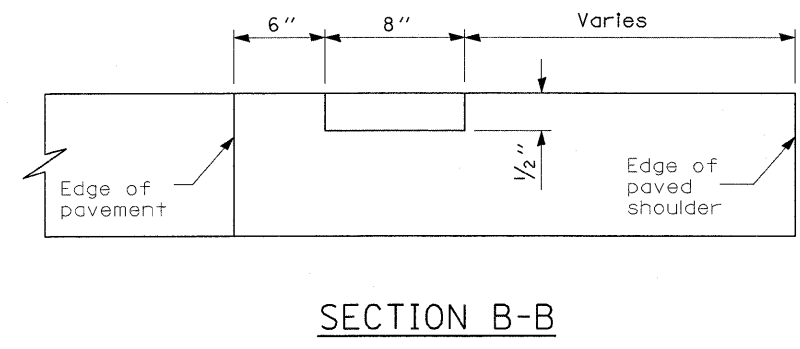
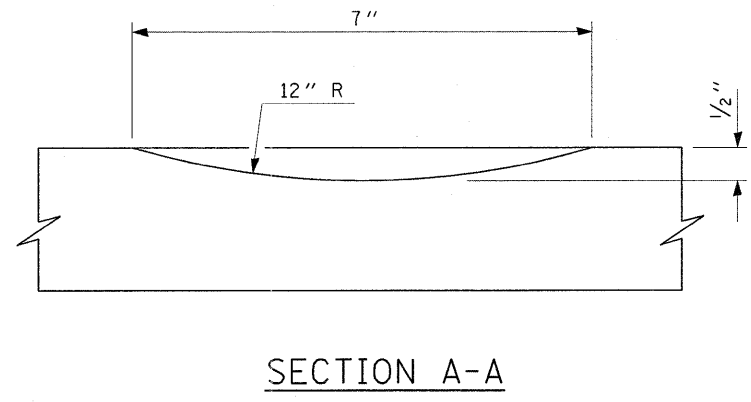
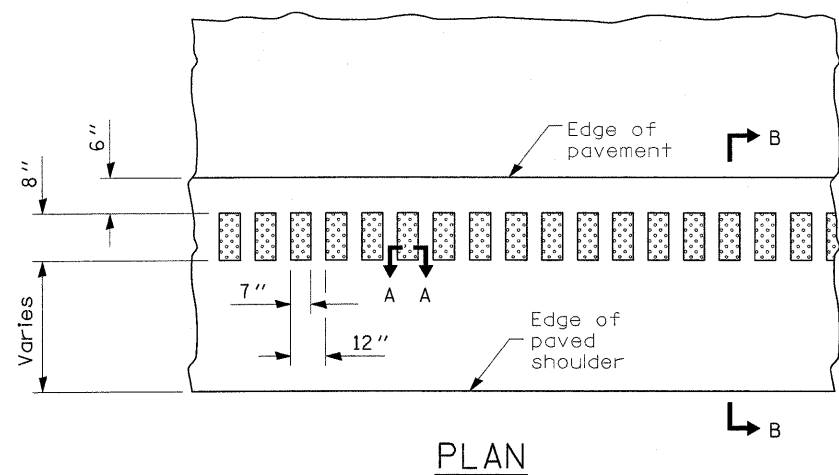
FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -
c:\pwork\pvidot\swartzw\d0156168\d774	22-ahd-details.dgn	DRAWN -	REVISED -
	PLOT SCALE = 50.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 8/16/2011	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS
 (RURAL & URBAN APPLICATIONS)

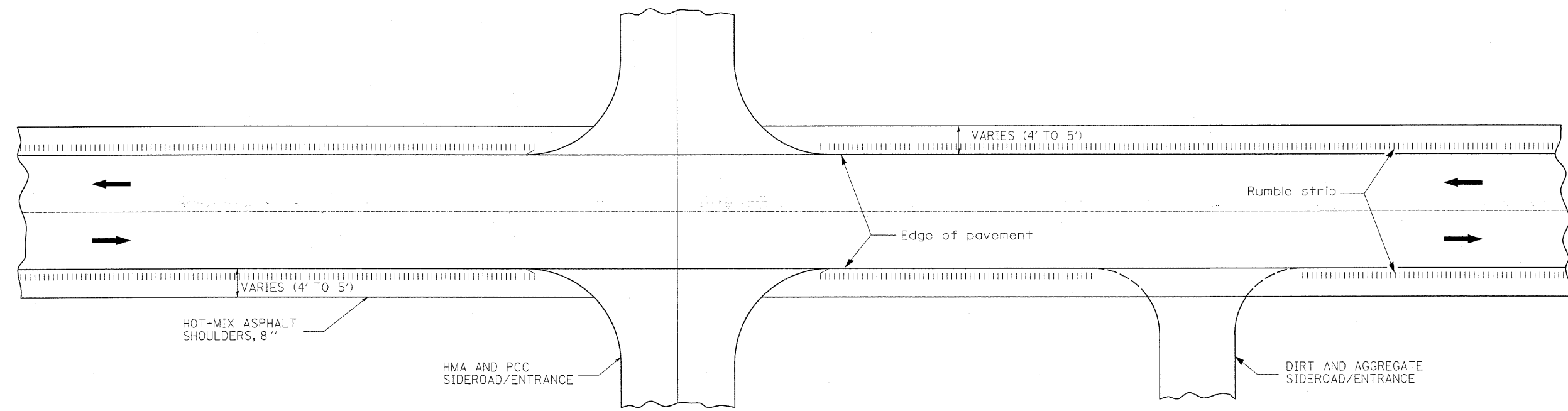
DISTRICT 7 DETAIL NO. 7800001				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
741	(11,12)T		85	54
CONTRACT NO. 74422				
ILLINOIS FED. AID PROJECT				

SCALE: NA SHEET NO. 4 OF 4 SHEETS STA. TO STA.



NOTE: OMIT RUMBLE STRIPS ON ALL SIDEROADS, PRIVATE AND COMMERCIAL ENTRANCES AT RADIUS RETURNS. OMIT RUMBLE STRIPS AT MAILBOX TURNOUTS 60' BOTH SIDES OF THE MAILBOX OR AS DETERMINED BY THE ENGINEER. RUMBLE STRIPS SHALL NOT BE OMITTED ON FIELD ENTRANCES.

OMIT HOT-MIX ASPHALT SHOULDERS, 8" ON ALL HMA AND PCC SIDEROADS, ENTRANCES, AND CONCRETE GUTTER LOCATIONS.

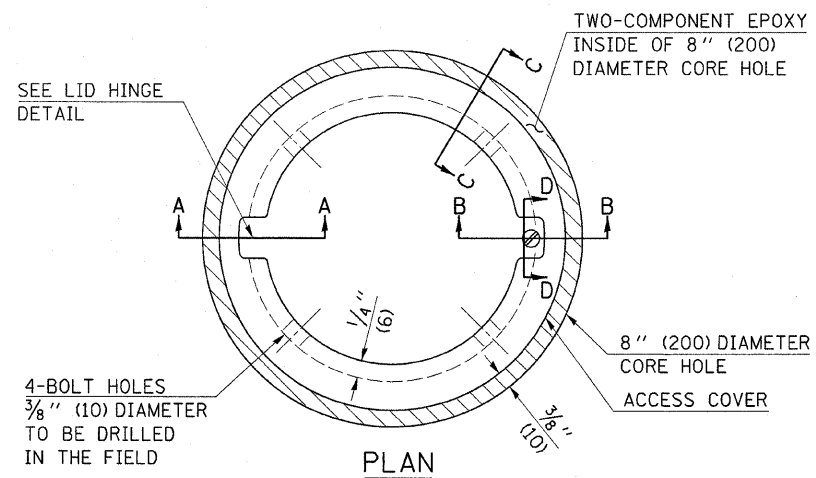


TYPICAL APPLICATION AT SIDEROADS AND ENTRANCES

NOTE: NOT DRAWN TO SCALE

FILE NAME = USER NAME = swartzrw DESIGNED - DRAWN - PLOT SCALE = 50,0000 ' / in. PLOT DATE = 8/16/2011				REVISIONS: REVISIONS - REVISIONS - REVISIONS - REVISIONS -				STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				HMA SHOULDER AND RUMBLE STRIP DETAIL				F.A.P. RTE. 741		SECTION (11,12)T		COUNTY		TOTAL SHEETS 85		SHEET NO. 55	
SCALE: NA												SHEET NO. 1 OF 1 SHEETS		STA. TO STA.		CONTRACT NO. 74422 ILLINOIS FED. AID PROJECT									

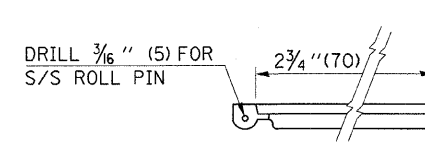
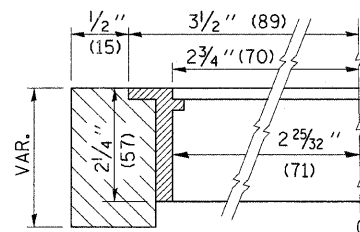
MACON & PIATT



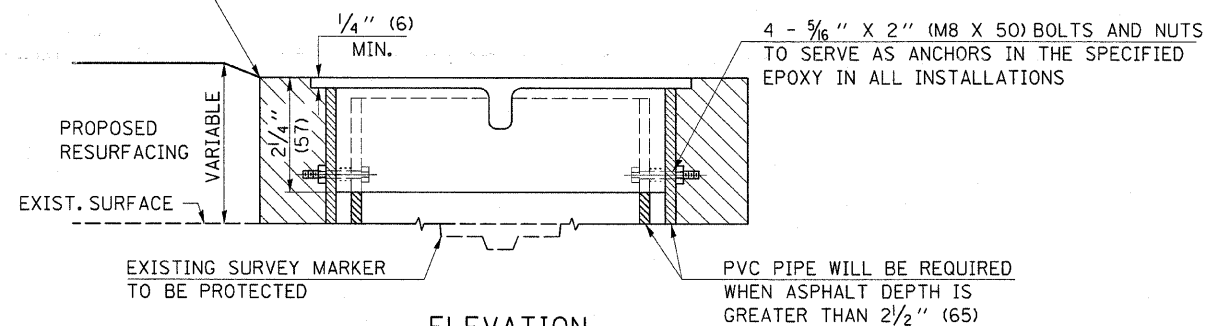
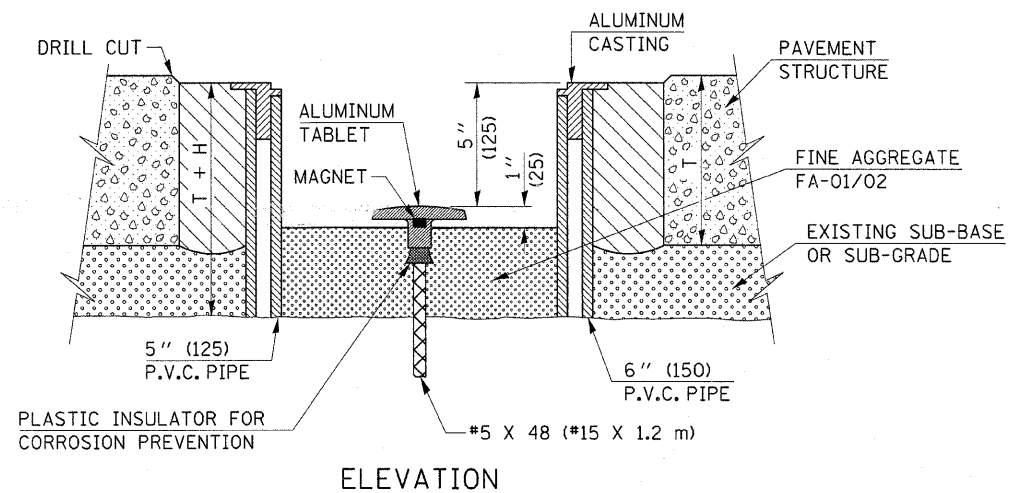
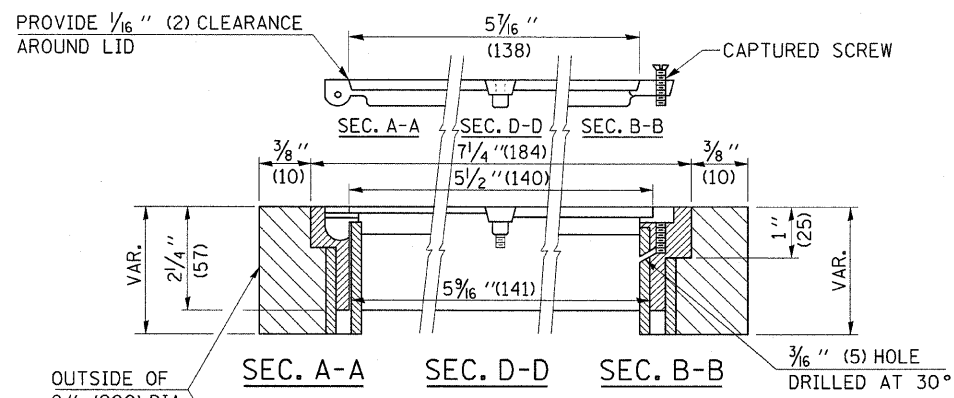
LEGEND

- ALUMINUM CASTING
- 5" (125) OR 6" (150) P.V.C. PIPE
- TWO-COMPONENT EPOXY

T = THICKNESS OF PAVEMENT STRUCTURE
 H = THE THICKNESS OF THE SUB-BASE GRANULAR + 1" (25)



BILL OF MATERIAL	
ALUMINUM CASTING OF THE DIMENSIONS AND SPECIFICATIONS SHOWN OR OTHER SUBJECT TO ENGINEER'S APPROVAL OF SHOP DRAWINGS,	
4 EACH - 5/16" X 2" (M8 X 50) BOLTS WITH NUTS, EPOXY,	
5" OR 6" (125 mm OR 150 mm) DIAMETER P.V.C. PIPE, SCHEDULE 40 (WHEN REQUIRED).	



EXISTING SURVEY MARKER

PROPOSED SURVEY MARKER

NOT TO SCALE
 Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

• MACON & PIATT

FILE NAME =	USER NAME = swartzrw	DESIGNED -	REVISED - MAD 6-11
ca:\pw_work\pwsdot\swartzrw\d0156188\d774	22-shr-detail1.dgn	DRAWN -	REVISED -
PLOT SCALE = 50.0000' / 1"		CHECKED -	REVISED -
PLOT DATE = 8/16/2011		DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

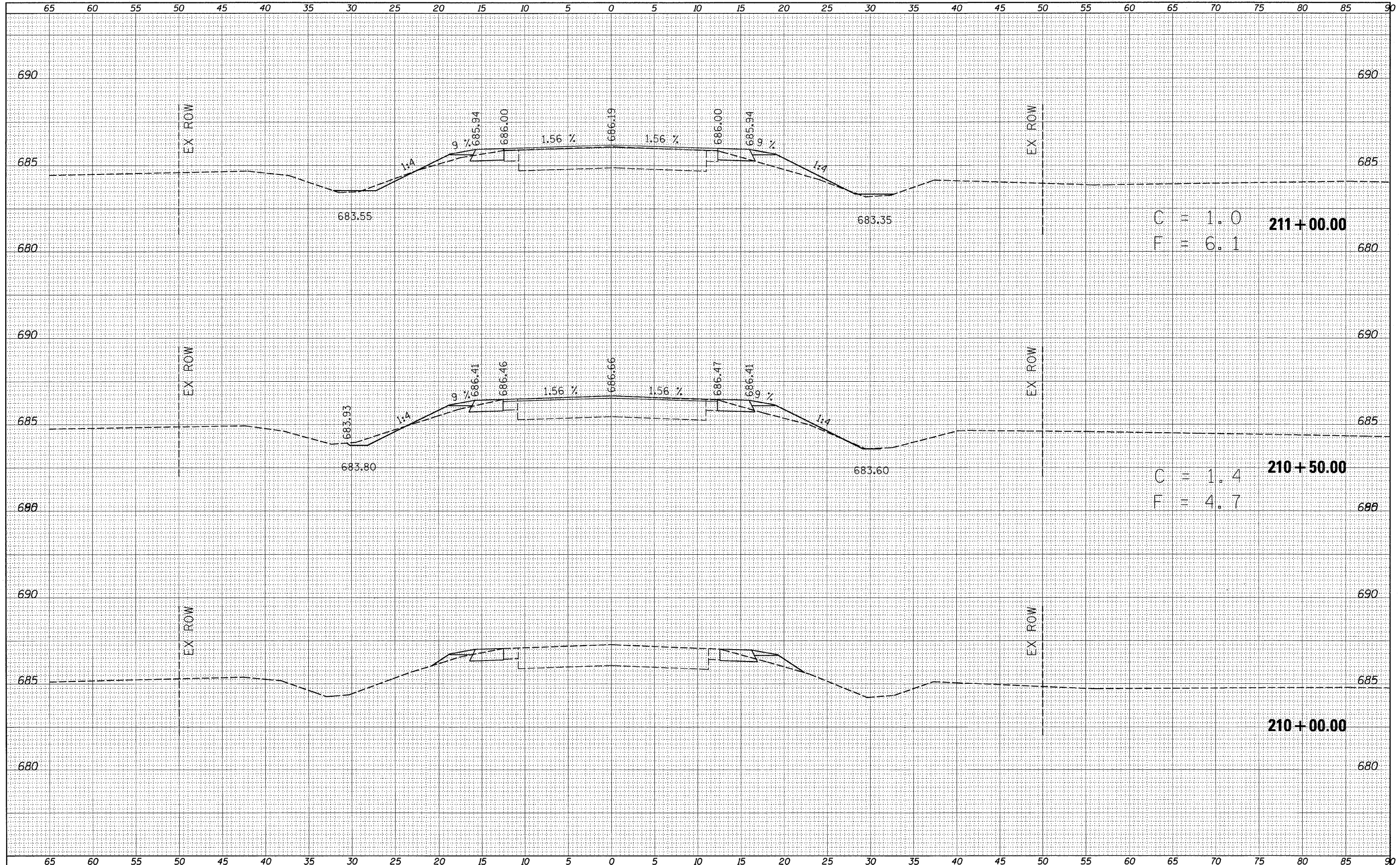
SURVEY MARKER VAULT

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

DISTRICT 7 DETAIL NO. Z0070202				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
741	(11,12)T		85	56
CONTRACT NO. 74422				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	



C = 1.0
F = 6.1
211+00.00

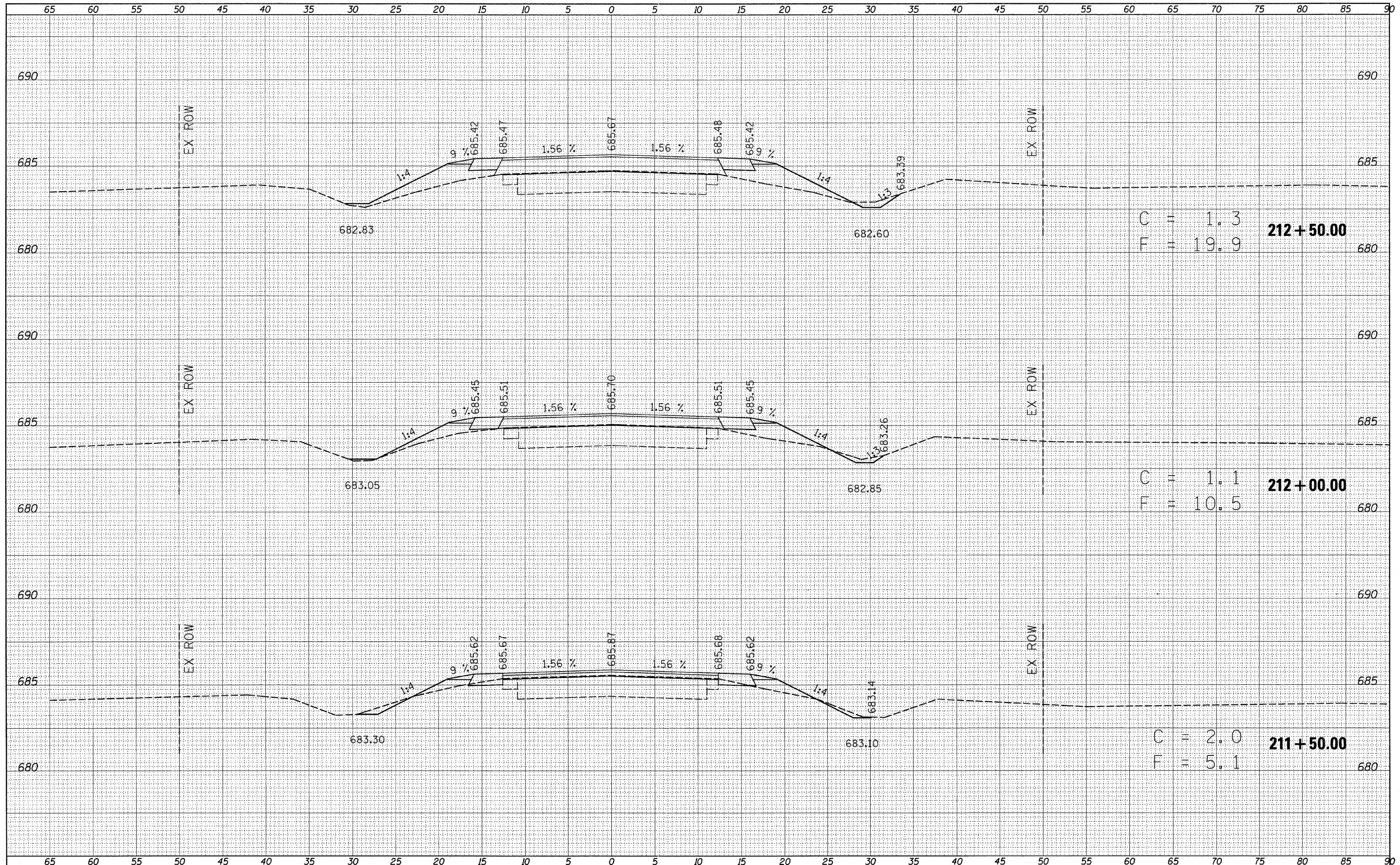
C = 1.4
F = 4.7
210+50.00

210+00.00

FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS		F.A.P. RTE. 741	SECTION (11,12)T	COUNTY *	TOTAL SHEETS 85	SHEET NO. 57	
ca:\pw_work\p\p\dot\swartzw\d0156151\0774422-sh	xsh.tldgn	DRAWN -	REVISED -		SCALE: 5	SHEET NO. 1 OF 29 SHEETS	STA. 210+00.00 TO STA. 211+00.00	CONTRACT NO. 74422		ILLINOIS FED. AID PROJECT		
		CHECKED -	REVISED -		* MACON & PIATT							
		DATE -	REVISED -									

DATE	
BY	
FINISHED SURVEY	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

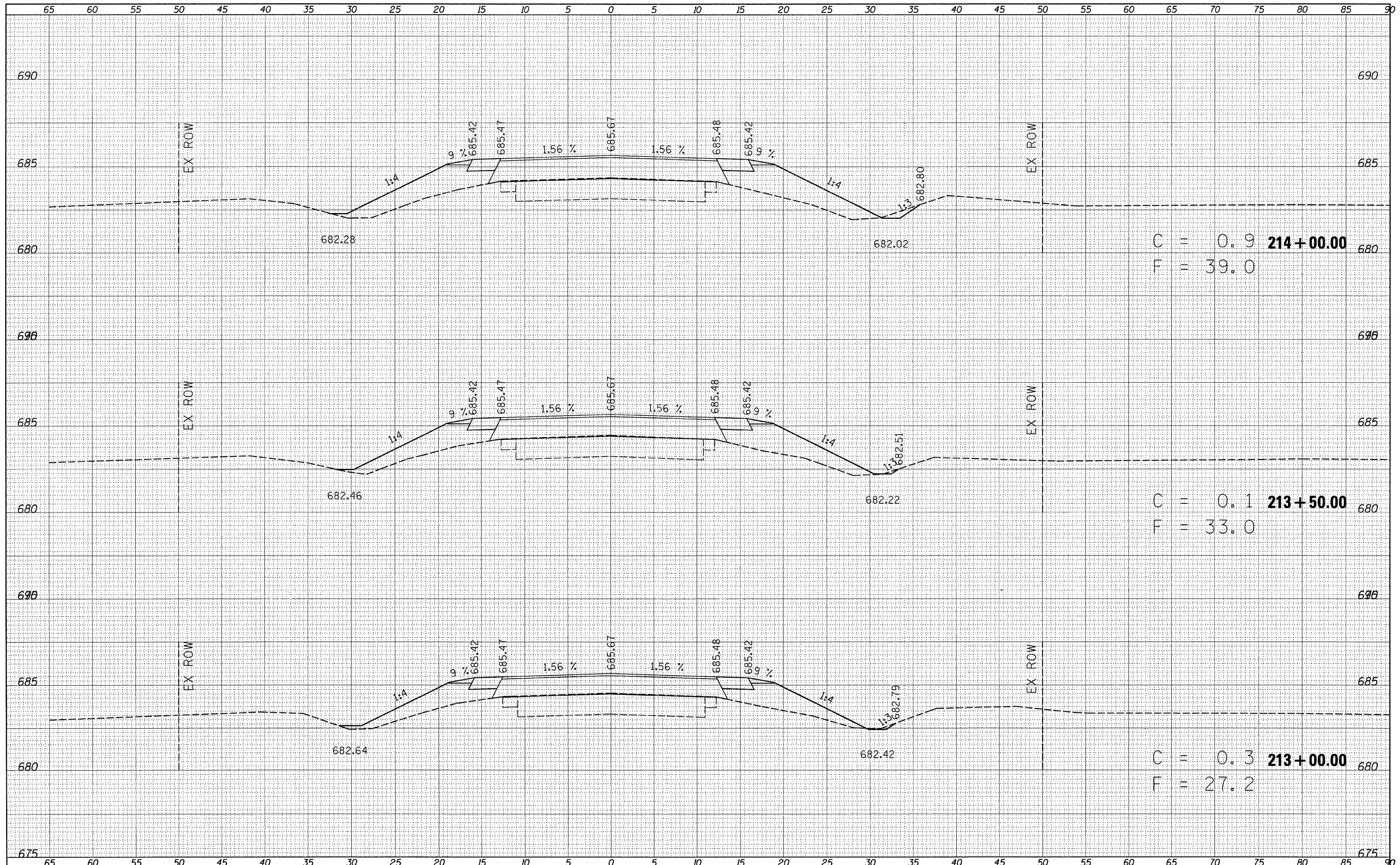
DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	



FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS SCALE: 5 SHEET NO. 2 OF 29 SHEETS STA. 211+50.00 TO STA. 212+50.00	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ca:\pwwork\pwwork\swartzw\d0156151\0774422-sh1	xsht1.dgn	DRAWN -	REVISED -			741	(11,12)T		85	58
	PLOT SCALE = 5.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 74422				
	PLOT DATE = 8/16/2011	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				

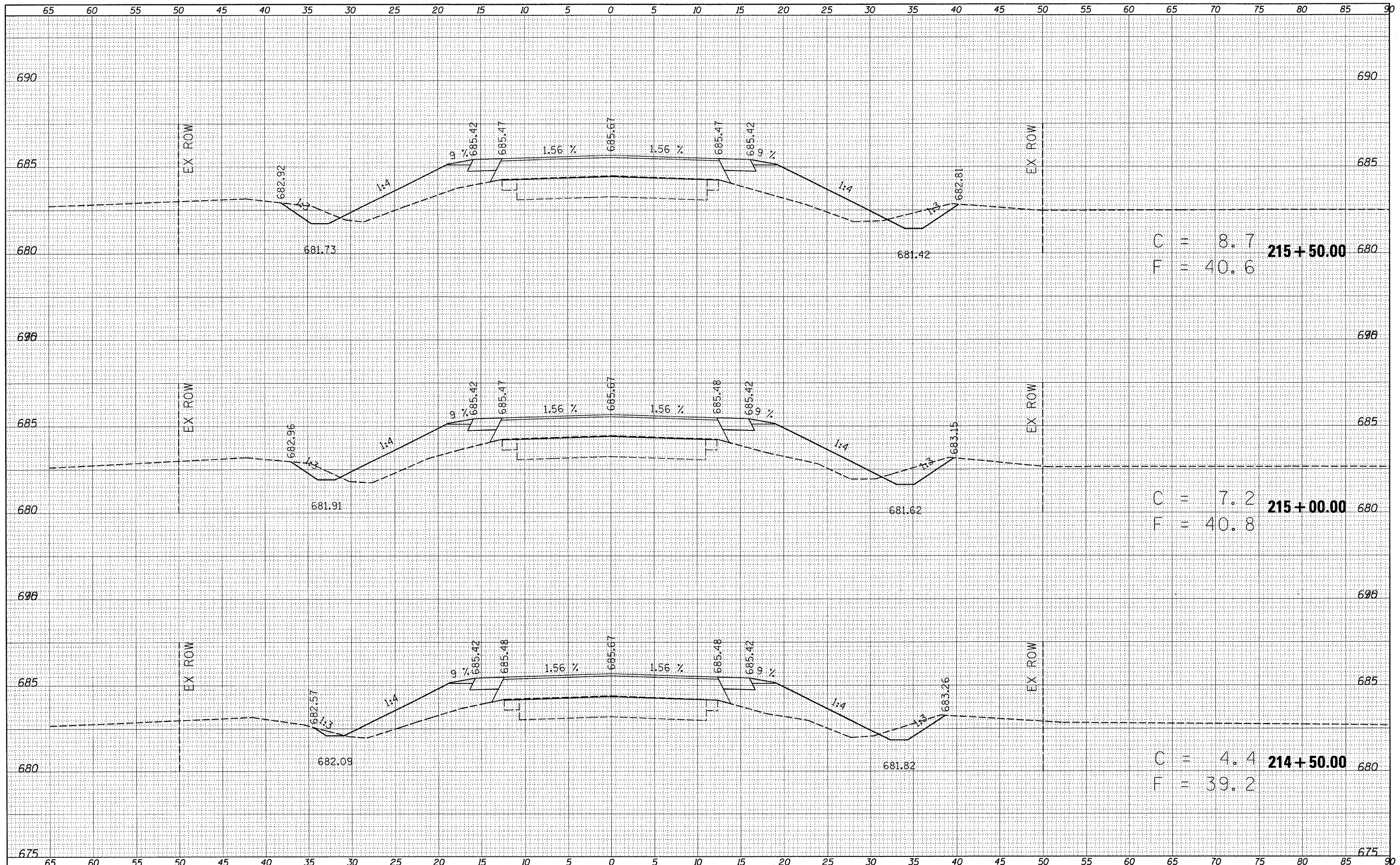
DATE _____
 BY _____
 SURVEYED _____
 PLOTTED _____
 TEMP. LATE _____
 NOTE BOOK _____
 AREAS CHECKED _____
 NO. _____

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



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

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



C = 8.7
F = 40.6
215+50.00

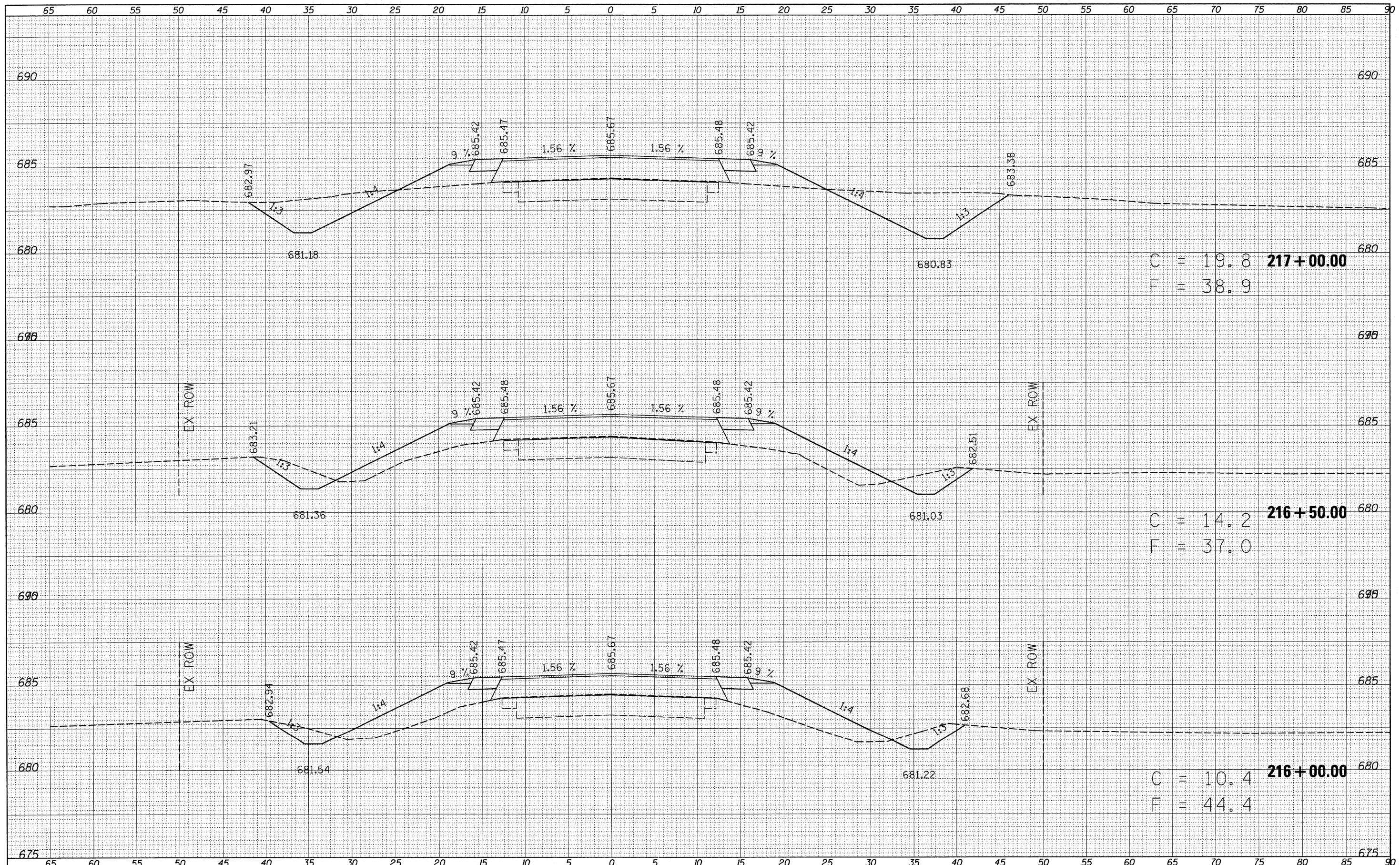
C = 7.2
F = 40.8
215+00.00

C = 4.4
F = 39.2
214+50.00

FILE NAME =	USER NAME = swartzrw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS		F.A.P. RTE. 741	SECTION (11,12)T	COUNTY	TOTAL SHEETS 85	SHEET NO. 60
ca:\pwwork\pwwork\swartzrw\ad\0156151\0774422-shh\ssah1.dgn		DRAWN -	REVISED -		SCALE: 5	SHEET NO. 4 OF 29 SHEETS	STA. 214+50.00 TO STA. 215+50.00	CONTRACT NO. 74422		ILLINOIS FED. AID PROJECT	
		CHECKED -	REVISED -								
		DATE -	REVISED -								

DATE _____ BY _____
 SURVEYED _____
 PLOTTED _____
 TEMPLATE _____
 NOTE BOOK _____
 AREAS CHECKED _____
 NO. _____

DATE _____ BY _____
 SURVEYED _____
 PLOTTED _____
 TEMPLATE _____
 NOTE BOOK _____
 AREAS CHECKED _____
 NO. _____



C = 19.8
 F = 38.9
217+00.00

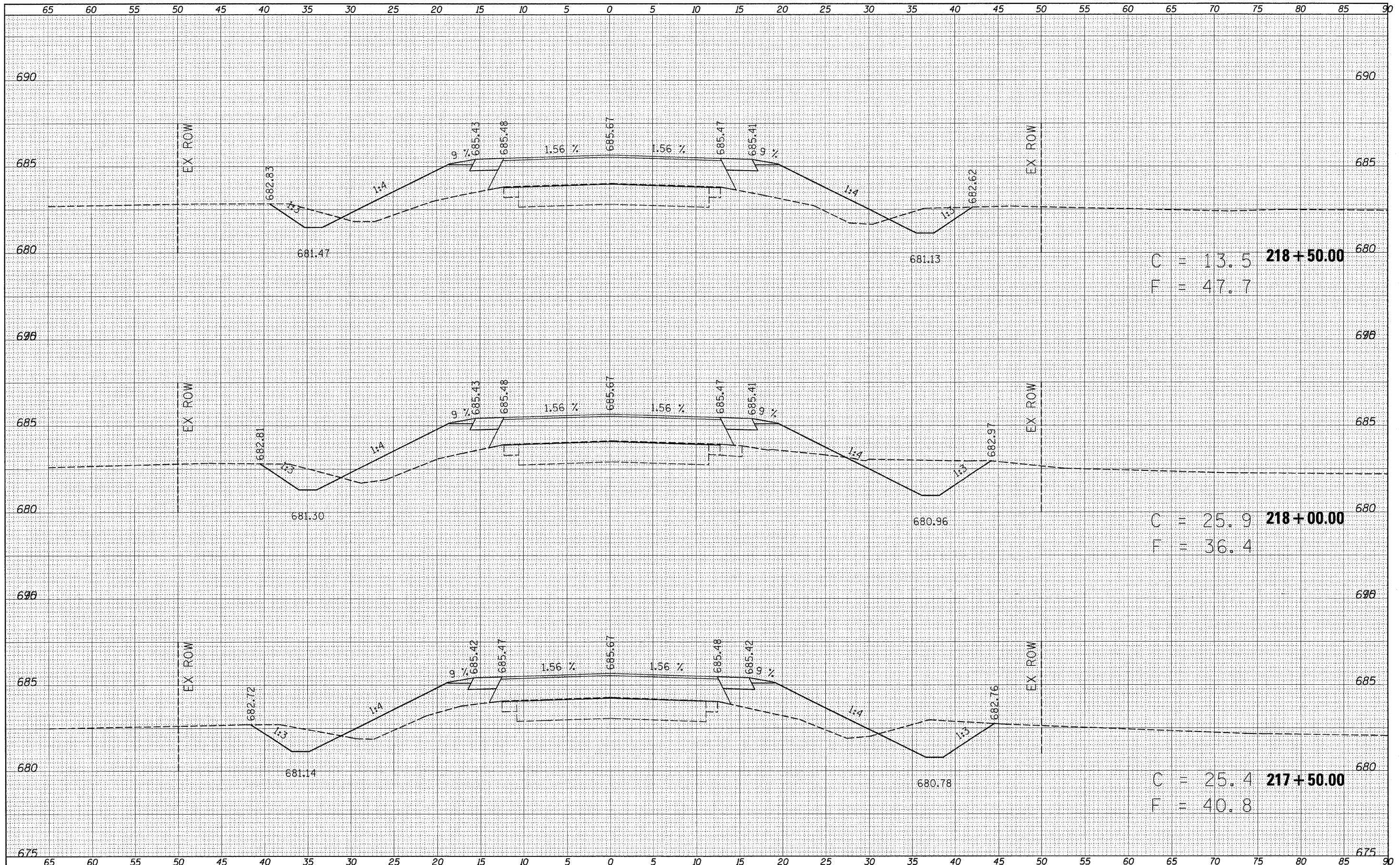
C = 14.2
 F = 37.0
216+50.00

C = 10.4
 F = 44.4
216+00.00

FILE NAME =	USER NAME = swartzrw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS		F.A.P. RTE. 741	SECTION (11,12)T	COUNTY	TOTAL SHEETS 85	SHEET NO. 61	
c:\pwork\puidot\swartzrw\d0156151\0774422-shh\ssah1.dgn		DRAWN -	REVISED -		SCALE: 5	SHEET NO. 5 OF 29 SHEETS	STA. 216+00.00 TO STA. 217+00.00	CONTRACT NO. 74422		ILLINOIS FED. AID PROJECT		
PLOT SCALE = 5.00000 / / in.		CHECKED -	REVISED -									
PLOT DATE = 8/16/2011		DATE -	REVISED -									

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

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



C = 13.5 **218 + 50.00**
 F = 47.7

C = 25.9 **218 + 00.00**
 F = 36.4

C = 25.4 **217 + 50.00**
 F = 40.8

FILE NAME =
 c:\pw_work\p1\dot\swartz\w\d8156151\0774422-sh1

USER NAME = swartzw
 xsah1.dgn
 PLOT SCALE = 5.0000 / in.
 PLOT DATE = 8/16/2011

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

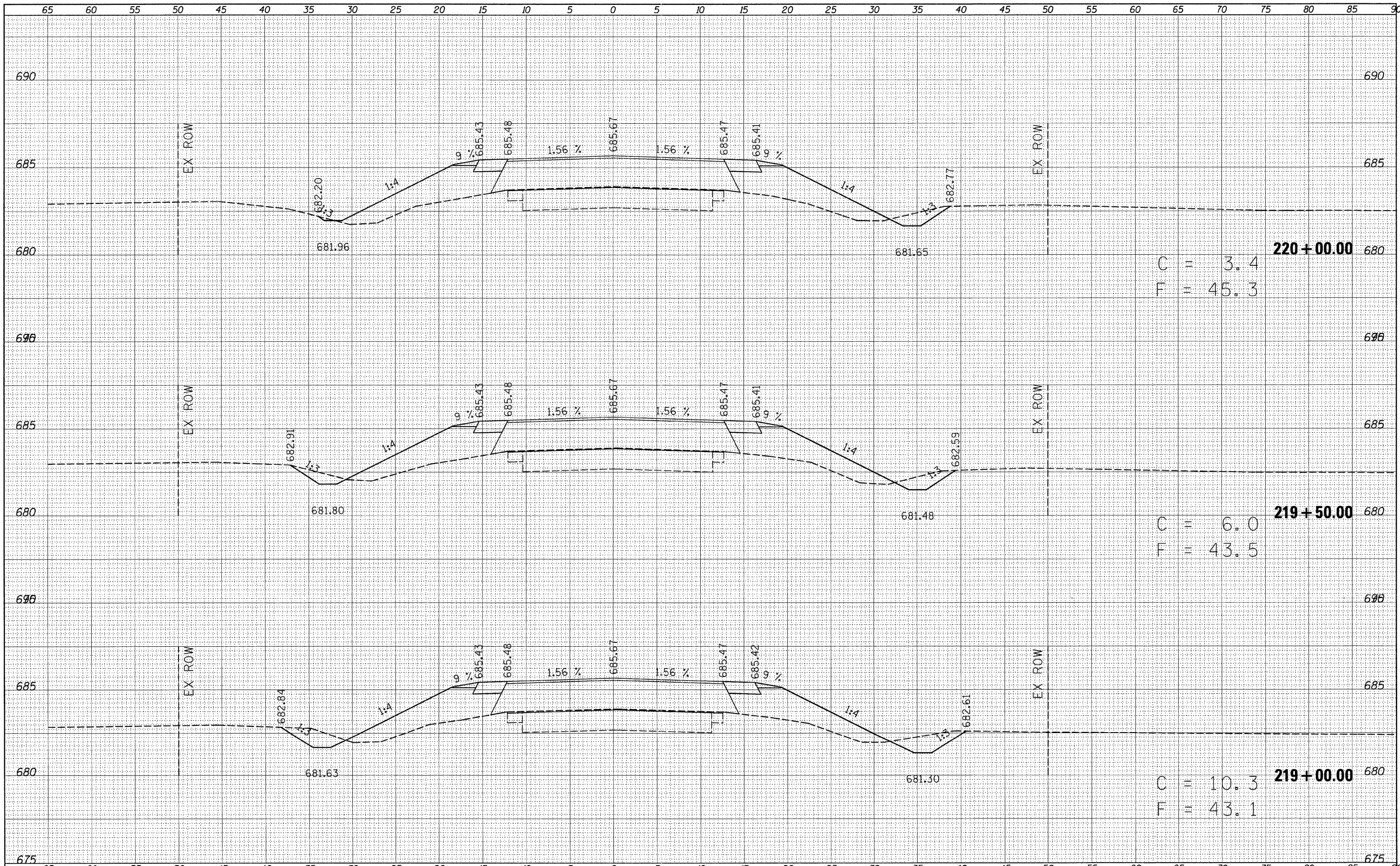
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS
 SCALE: 5
 SHEET NO. 6 OF 29 SHEETS
 STA. 217+50.00 TO STA. 218+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
741	(11,12)T	*	85	62
CONTRACT NO. 74422				
ILLINOIS FED. AID PROJECT				

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

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



FILE NAME = c:\pwwork\p\dot\swa-tzr\1\0774422-sh\ssht.dgn
 USER NAME = swa-tzr

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

PLOT SCALE = 5.0000 / in.
 PLOT DATE = 8/16/2011

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

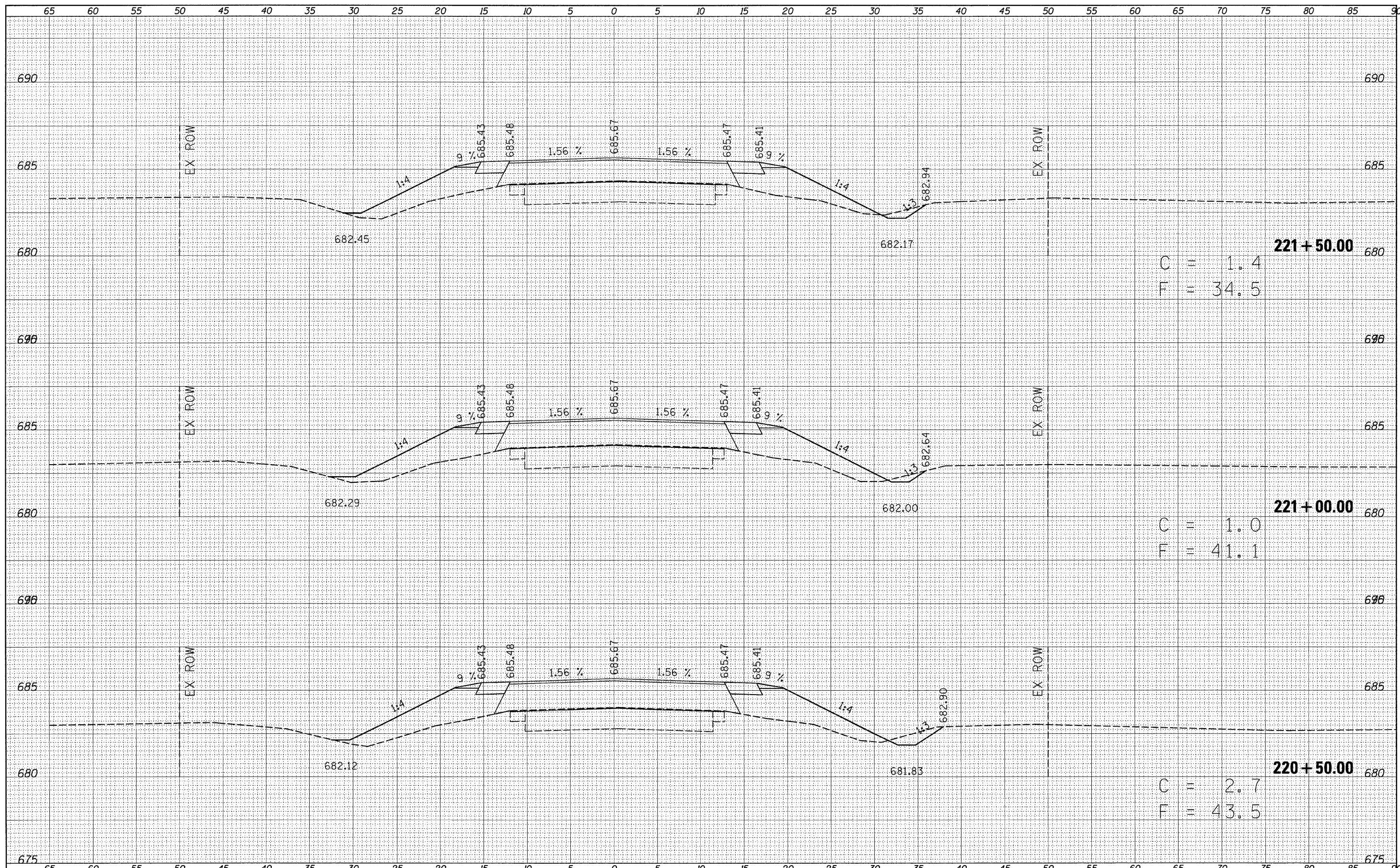
CROSS SECTIONS
 SCALE: 5 SHEET NO. 7 OF 29 SHEETS STA. 219+00.00 TO STA. 220+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
741	(11.12)T		85	63
CONTRACT NO. 74422				
ILLINOIS FED. AID PROJECT				

• MACON & PIATT

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

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



221 + 50.00
 C = 1.4
 F = 34.5

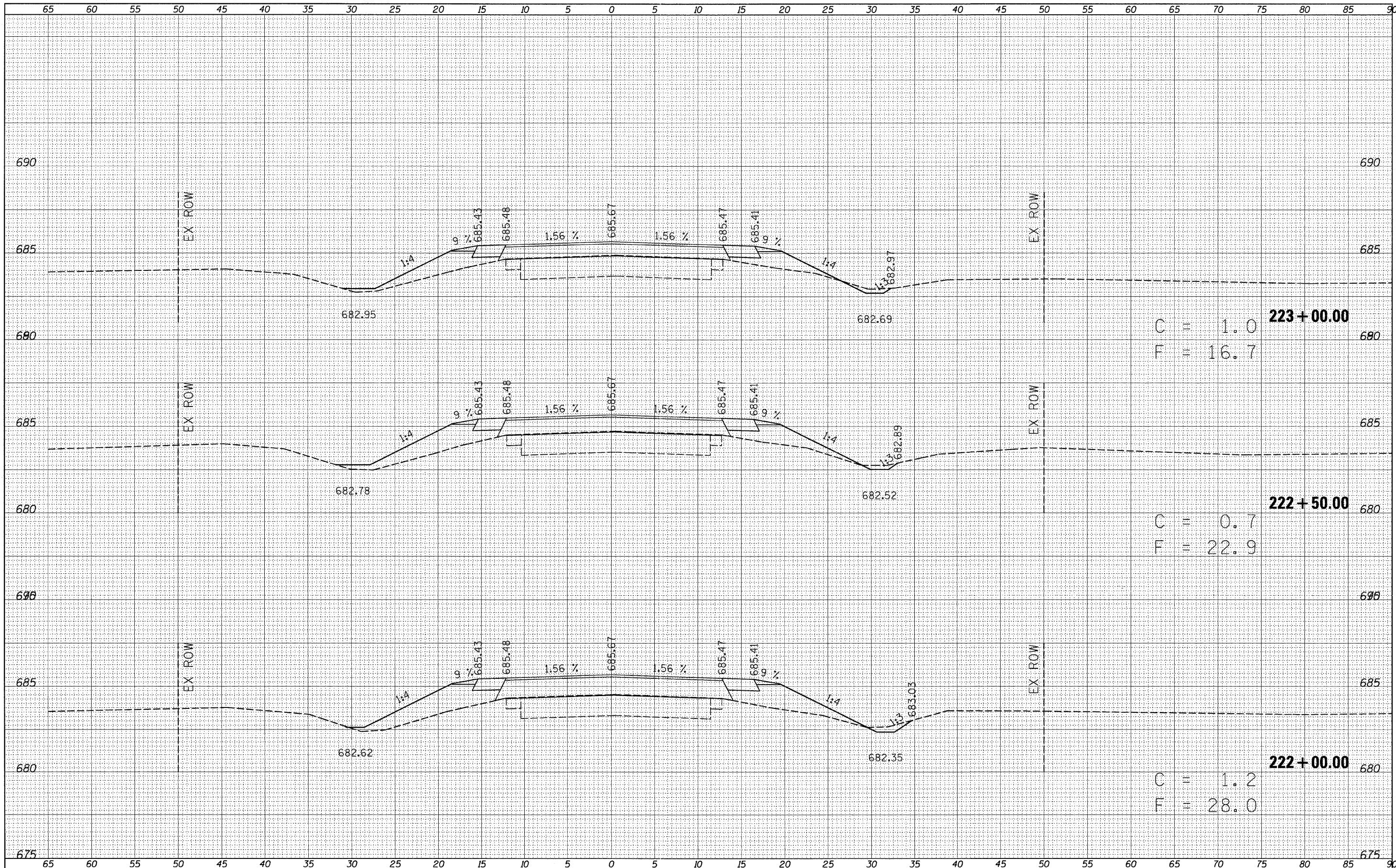
221 + 00.00
 C = 1.0
 F = 41.1

220 + 50.00
 C = 2.7
 F = 43.5

FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
er\pw_work\p\dot\swartzw\d8156151\0774422-ah	xashtl.dgn	DRAWN -	REVISED -		SCALE: 5	SHEET NO. 8 OF 29 SHEETS	STA. 220+50.00 TO STA. 221+50.00	741	(11,12)T	•	85	64
	PLOT SCALE = 5.0000' / 1"	CHECKED -	REVISED -					CONTRACT NO. 74422				
	PLOT DATE = 8/16/2011	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				

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

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



FILE NAME =
 c:\pwork\pwork\swartzw\d0156151\0774422-shh

USER NAME = swartzw
 xsst1.dgn
 PLOT SCALE = 5.0000 / 1" =
 PLOT DATE = 8/16/2011

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

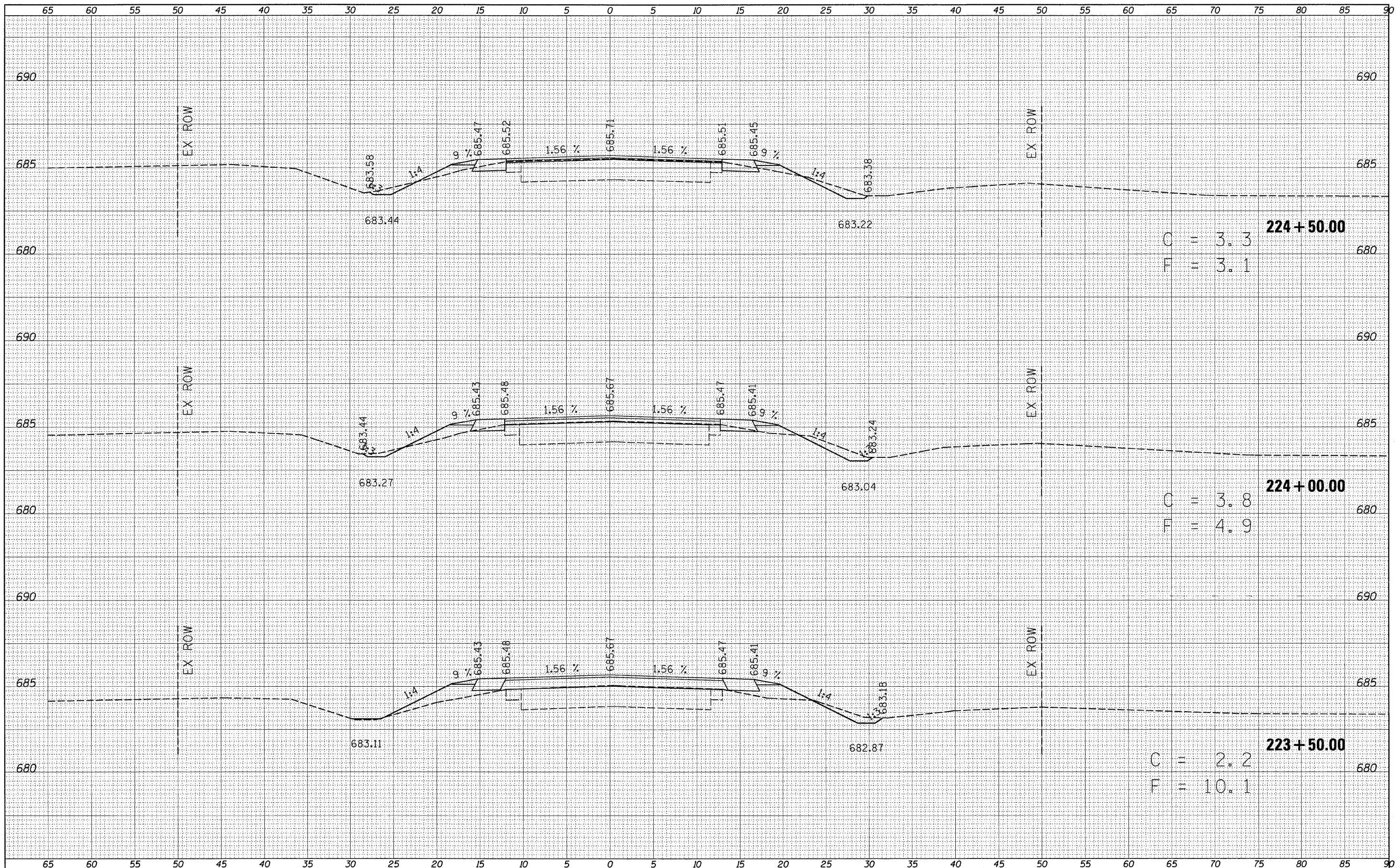
CROSS SECTIONS

SCALE: 5 SHEET NO. 9 OF 29 SHEETS STA. 222+00.00 TO STA. 223+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
741	(11.12)T		85	65
CONTRACT NO. 74422				

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

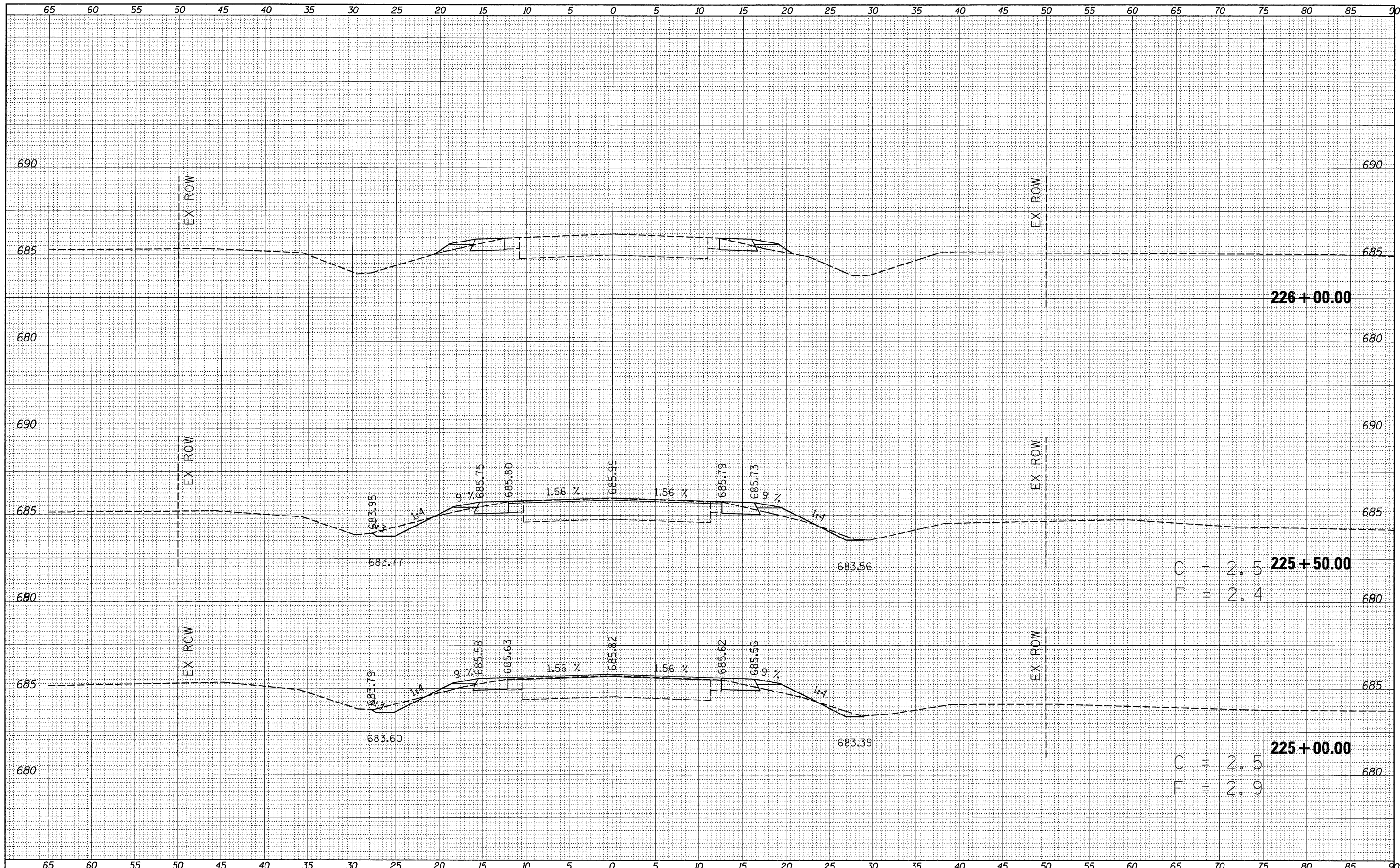
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY NOTE BOOK NO.	



FILE NAME =	USER NAME = swa-tzrw	DESIGNED -	REVISED -	<p align="center">STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p> <p align="center">CROSS SECTIONS</p> <p>SCALE: 5 SHEET NO. 10 OF 29 SHEETS STA. 223+50.00 TO STA. 224+50.00</p>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ca:\pwwork\pwwork\swa-tzrw\d0156151\0774422-ahs\kashl.dgn	PLOT SCALE = 5.0000' / 1" =	DRAWN -	REVISED -		741	(11,12)T	•	85	66
	PLOT DATE = 8/16/2011	CHECKED -	REVISED -		CONTRACT NO. 74422				
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT • MACON & PIATT				

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

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



FILE NAME =
 ca:\pwork\pwidot\swartzw\0156151\0774422-shs

USER NAME = swartzw
 DESIGNED -
 DRAWN -
 CHECKED -
 DATE -
 PLOT SCALE = 5.0000' / in.
 PLOT DATE = 8/16/2011

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

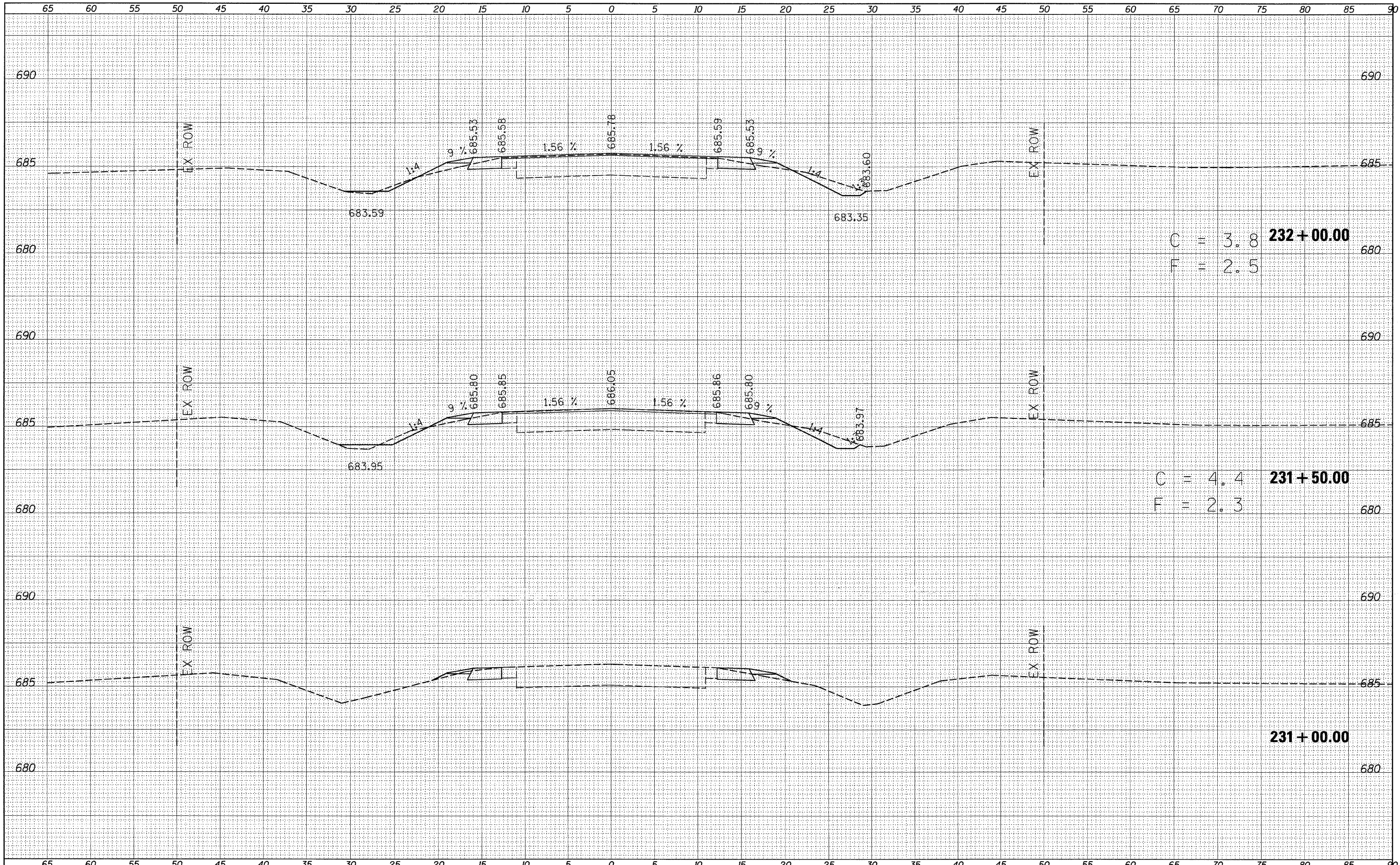
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS
 SCALE: 5 SHEET NO. 11 OF 29 SHEETS STA. 225+00.00 TO STA. 226+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
741	(11,12)		85	67
CONTRACT NO. 74422				
ILLINOIS FED. AID PROJECT				

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

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



C = 3.8
F = 2.5

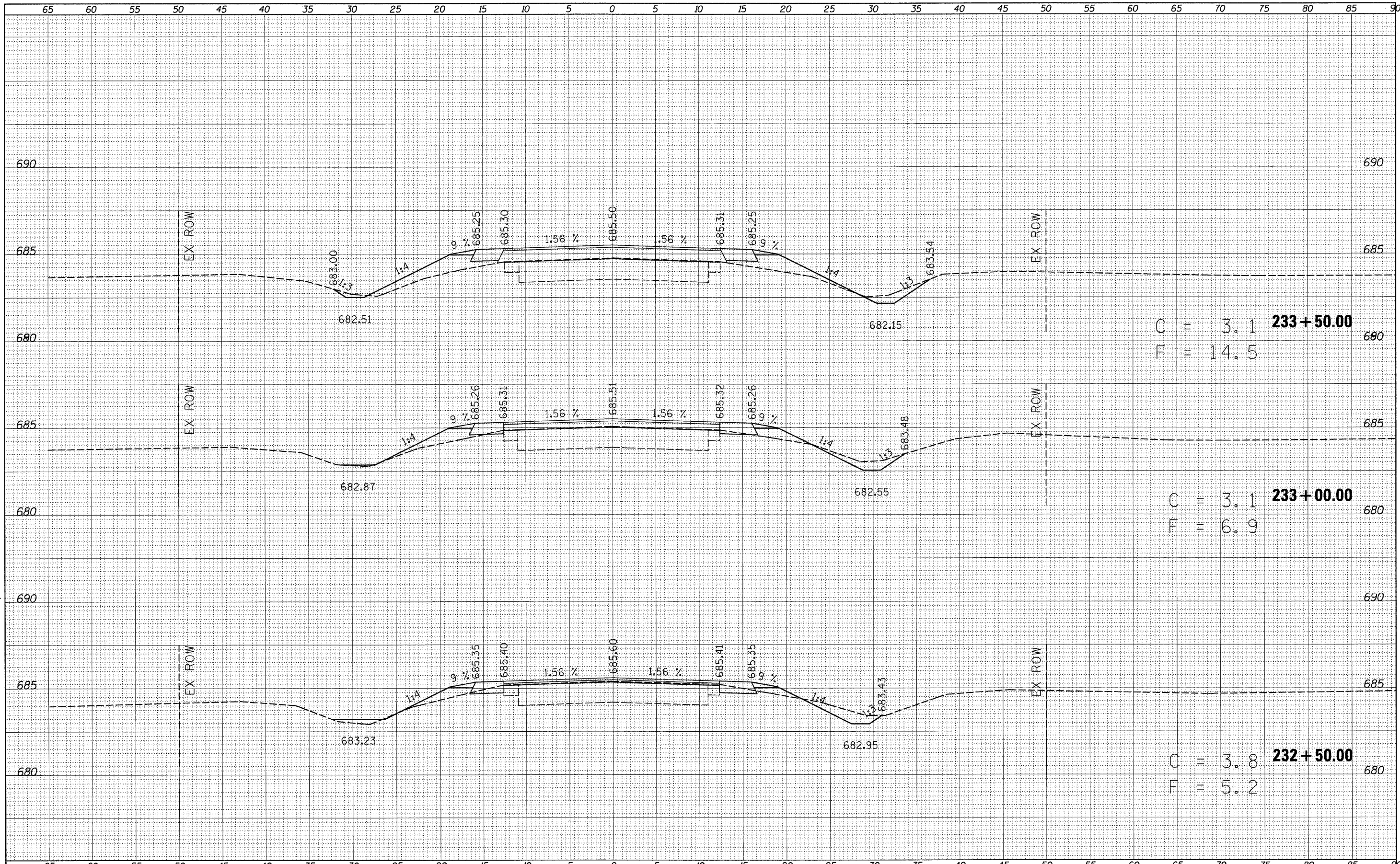
C = 4.4
F = 2.3

231+00.00

FILE NAME =	USER NAME = swar tzr-w	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pw_work\pwr\d0156151\0774422-sh1	ksst2.dgn	DRAWN -	REVISED -		741	(11.12)T		85	68			
PLT SCALE = 5.00000' / in.		CHECKED -	REVISED -		CONTRACT NO. 74422							
PLT DATE = 8/16/2011		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							
				SCALE: 5	SHEET NO. 12 OF 29 SHEETS	STA. 231+00.00 TO STA. 232+00.00	• MACON & PIATT					

DATE	
BY	
FINAL SURVEY	
PLOTTED	
NOTE BOOK	
NO.	
AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
NOTE BOOK	
NO.	
AREAS CHECKED	



C = 3.1
F = 14.5
233+50.00

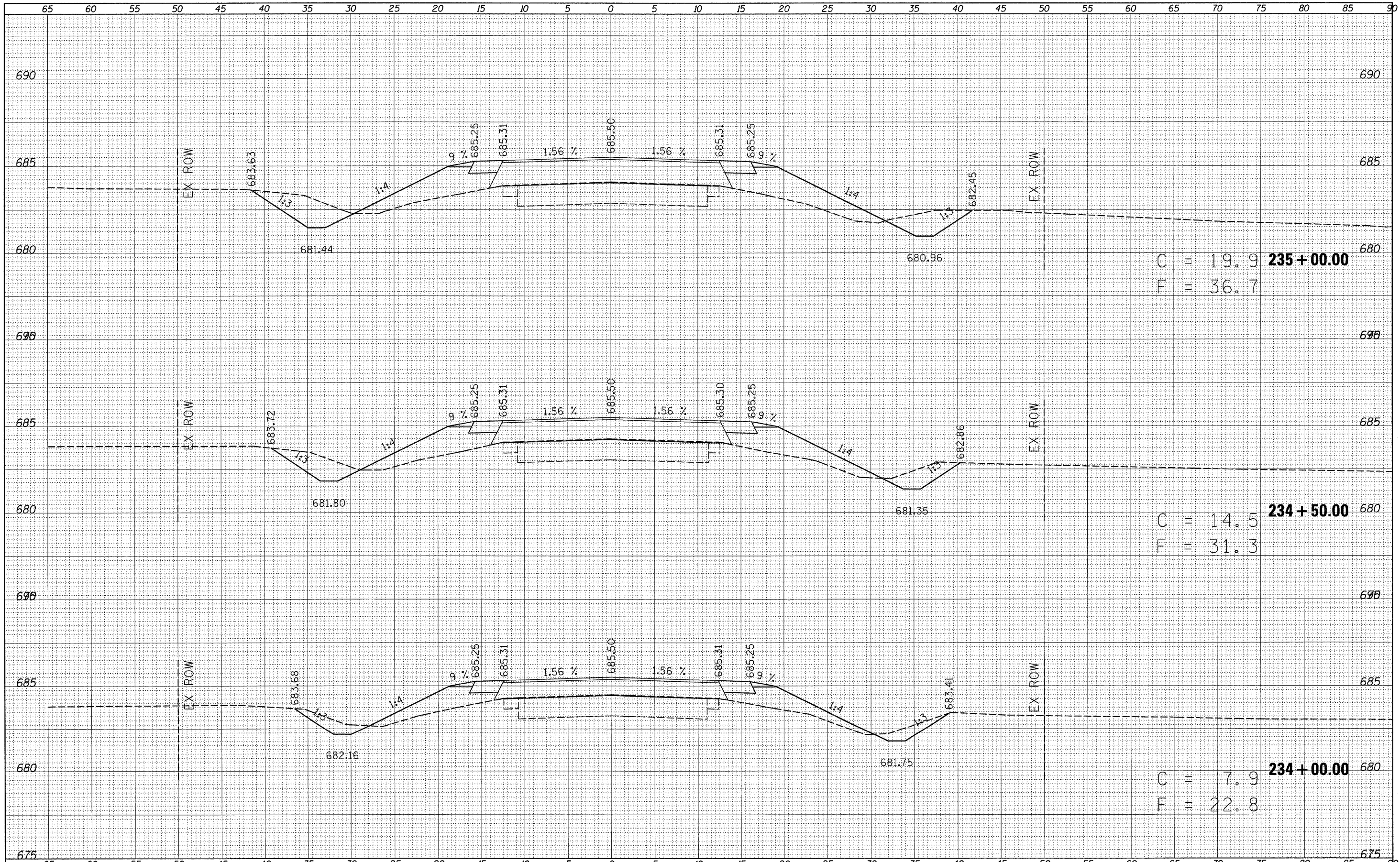
C = 3.1
F = 6.9
233+00.00

C = 3.8
F = 5.2
232+50.00

FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS			F.A.P. RTE. = 741	SECTION (11,12)T	COUNTY	TOTAL SHEETS = 85	SHEET NO. = 69
ei:\pw\work\p\dot\swartzw\48196151\0774422-sh	xsh12.dgn	DRAWN -	REVISED -		SCALE: 5	SHEET NO. 13 OF 29 SHEETS	STA. 232+50.00 TO STA. 233+50.00	CONTRACT NO. 74422				
PLOT SCALE = 5.0000' / 1"		CHECKED -	REVISED -		ILLINOIS FED. AID PROJECT							
PLOT DATE = 9/16/2011		DATE -	REVISED -		MACON A. PIATT							

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

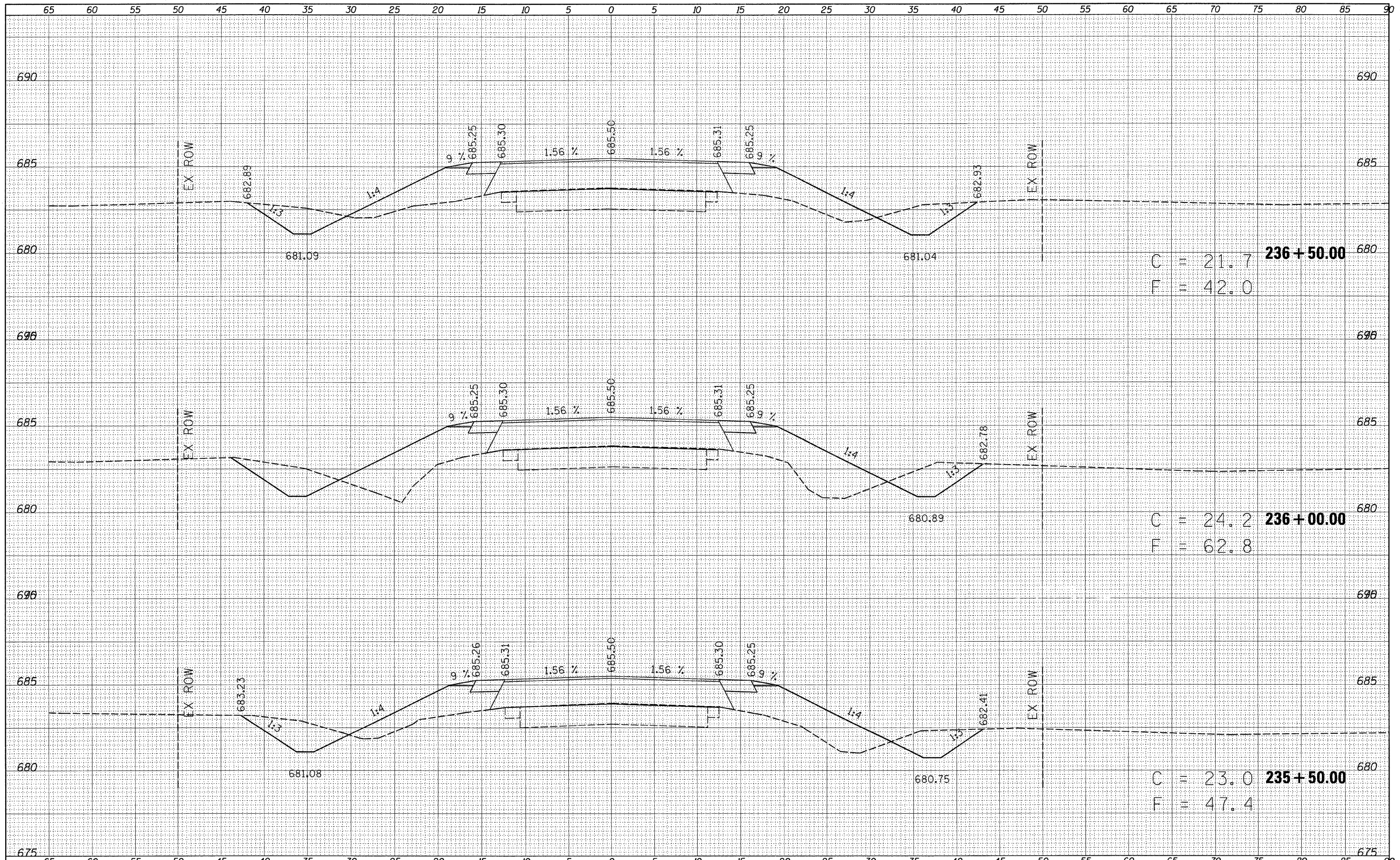
DATE _____ BY _____
 ORIGINAL SURVEY CHECKED _____
 PLOTTED TEMPLATE _____
 NOTE BOOK AREAS CHECKED _____
 NO. _____



FILE NAME =	USER NAME = swar-tzrw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ca:\pw_work\p\dot\swar-tzrw\d0156151\0774422-sh1	xsst2.dgn	DRAWN -	REVISED -				741	(11,12)T	•	85	70
PLOT SCALE = 5.0000' / in.		CHECKED -	REVISED -				CONTRACT NO. 74422				
PLOT DATE = 8/16/2011		DATE -	REVISED -				ILLINOIS FED. AID PROJECT				
				SCALE: 5		SHEET NO. 14 OF 29 SHEETS		STA. 234+00.00 TO STA. 235+00.00		• MACON & PIATT	

FINAL SURVEY SURVEYED PLOTTED
 NOTE BOOK NO. TEMPLATE AREAS CHECKED

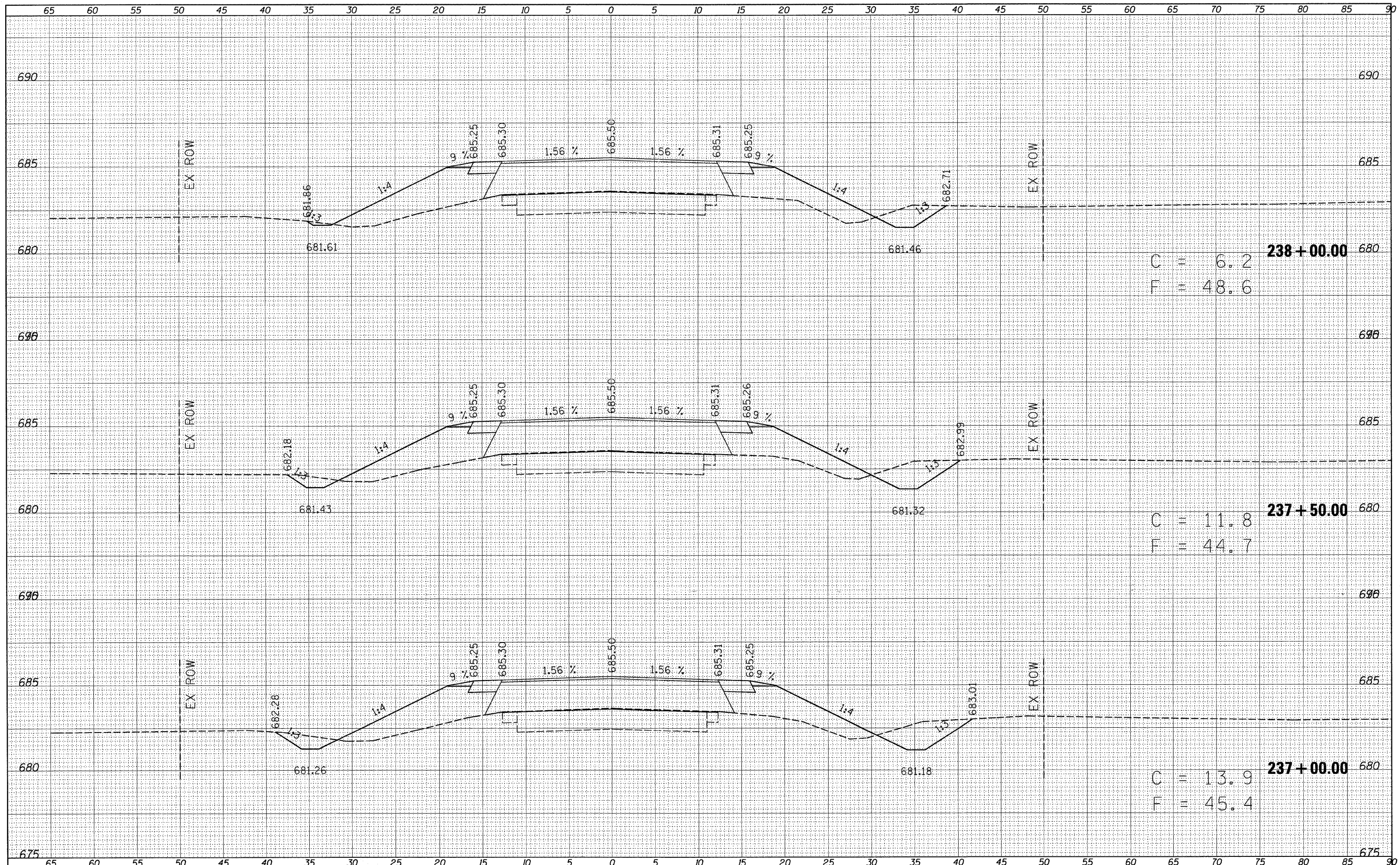
ORIGINAL SURVEY SURVEYED PLOTTED
 NOTE BOOK NO. TEMPLATE AREAS CHECKED



FILE NAME =	USER NAME = swartz	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS			F.A.P. RTE. 741	SECTION (11,12)T	COUNTY	TOTAL SHEETS 85	SHEET NO. 71
ci:\pw_work\pwidot\swartz\w\d0156151\0774422-sh	xshs2.dgn	DRAWN -	REVISED -		SCALE: 5	SHEET NO. 15 OF 29 SHEETS	STA. 235+50.00 TO STA. 236+50.00	ILLINOIS FED. AID PROJECT		CONTRACT NO. 74422		
		CHECKED -	REVISED -									
		DATE -	REVISED -									

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

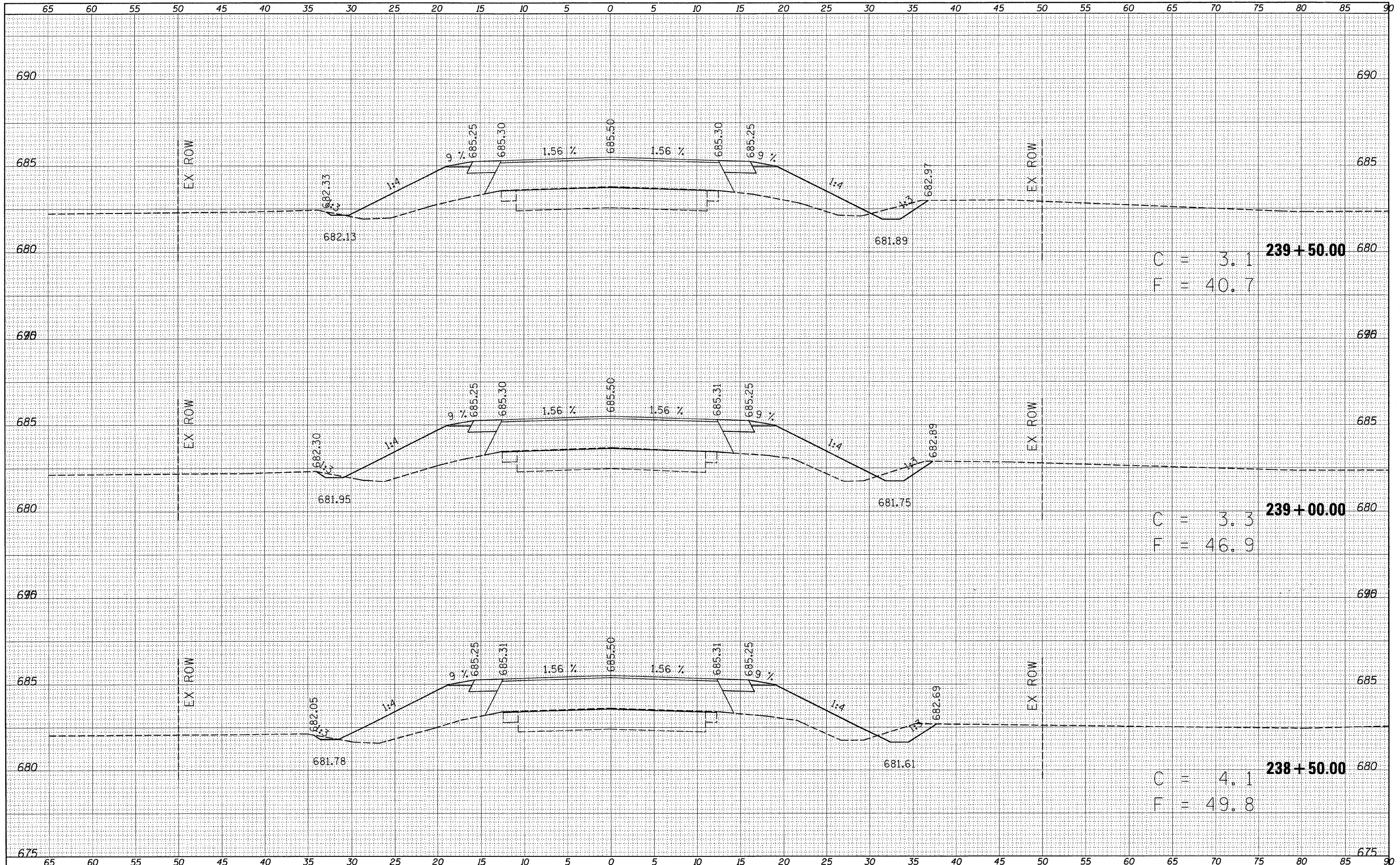
DATE _____ BY _____
 SURVEY NO. _____
 ORIGINAL SURVEY _____
 CHECKED _____
 PLOTTED _____
 TEMPLATE _____
 NOTE BOOK _____
 AREAS _____
 CHECKED _____



FILE NAME =	USER NAME = swartzrw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw_work\p\idat\swartzrw\d0156151\0774422-sh\ssht2.dgn		DRAWN -	REVISED -		741	(11,12)T		85	72		
PLOT SCALE = 5.00000 // in.		CHECKED -	REVISED -		CONTRACT NO. 74422						
PLOT DATE = 8/16/2011		DATE -	REVISED -		ILLINOIS FED. AID PROJECT						
				SCALE: 5	SHEET NO. 16 OF 29 SHEETS	STA. 237+00.00 TO STA. 238+00.00	MACON & PIATT				

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

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



C = 3.1
F = 40.7

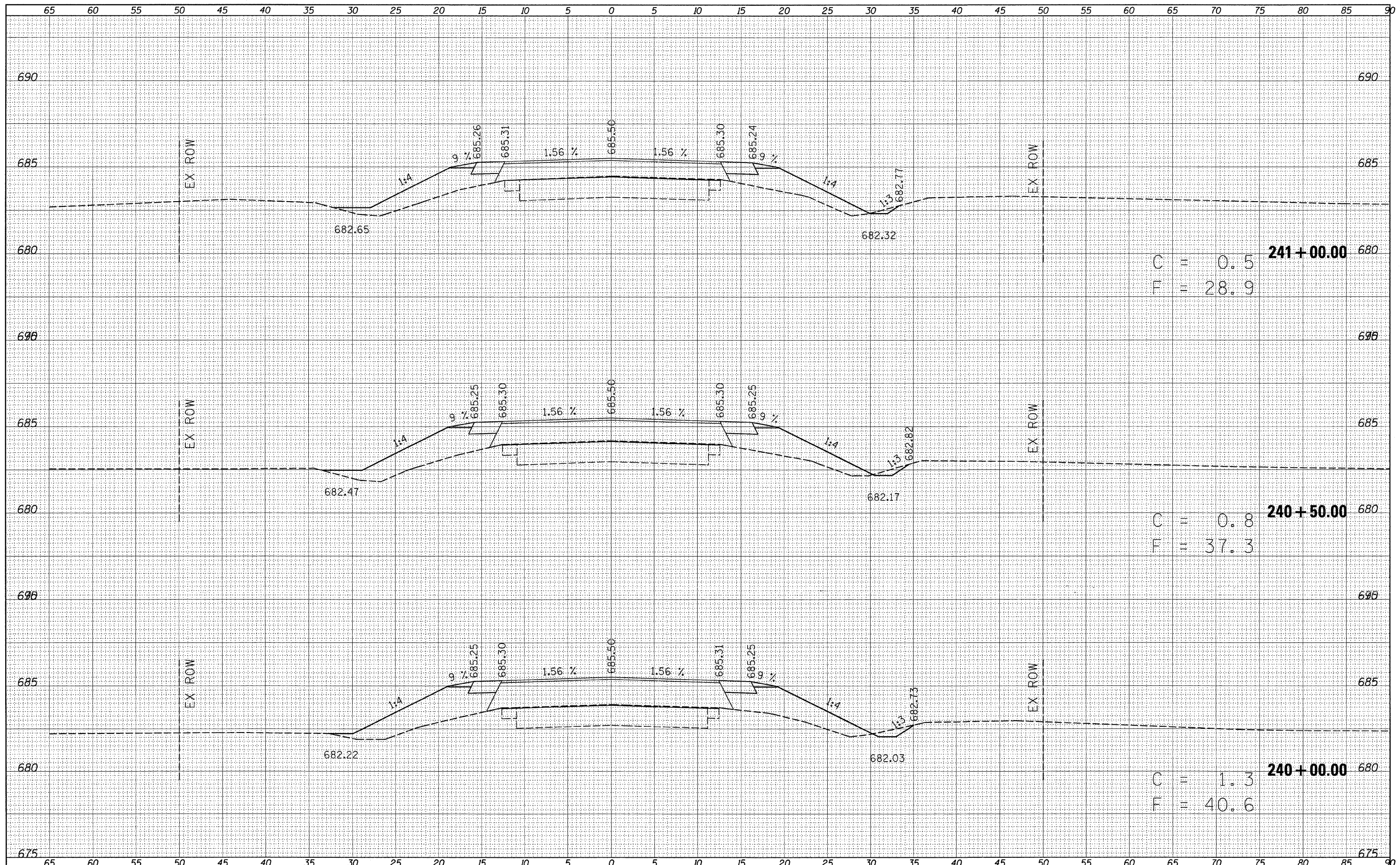
C = 3.3
F = 46.9

C = 4.1
F = 49.8

FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS		F.A.P. RTE. = 741	SECTION (11.12)T	COUNTY	TOTAL SHEETS = 85	SHEET NO. = 73	
ca:\pw_work\p\wdot\swartzw\d0156151\0774422-sh1	xash12.dgn	DRAWN -	REVISED -		SCALE: 5	SHEET NO. 17 OF 29 SHEETS	STA. 238+50.00 TO STA. 239+50.00	CONTRACT NO. 74422		ILLINOIS FED. AID PROJECT		
		CHECKED -	REVISED -									
		DATE -	REVISED -									

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	



C = 0.5
F = 28.9
241+00.00

C = 0.8
F = 37.3
240+50.00

C = 1.3
F = 40.6
240+00.00

FILE NAME =
c:\pwork\pwork\swartzr\ad0156151\0774422-sht

USER NAME = swartzr
DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISD -
REVISD -
REVISD -
REVISD -

xsht2.dgn
PLOT SCALE = 5.0000 / in.
PLOT DATE = 8/16/2011

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

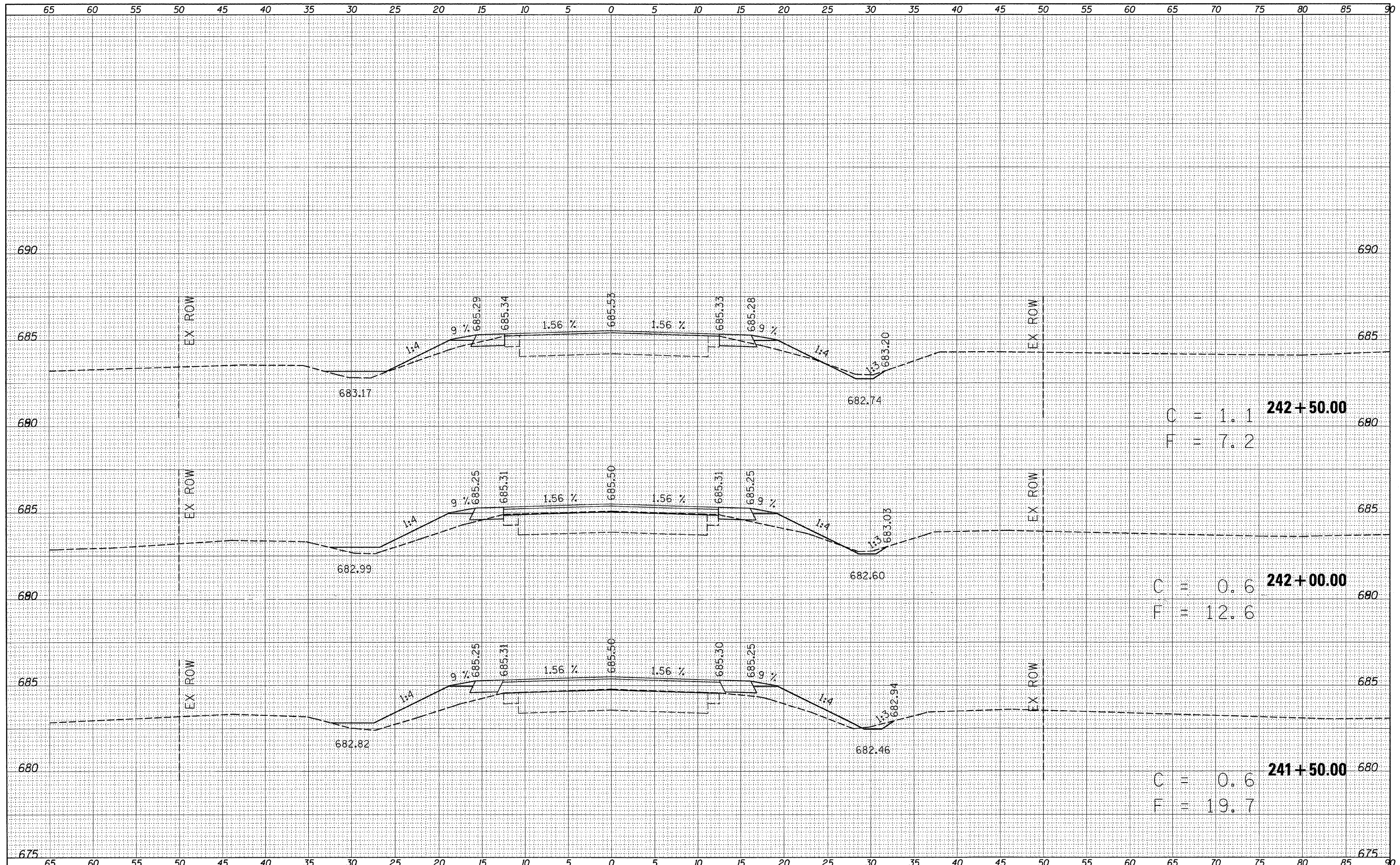
CROSS SECTIONS

SCALE: 5 SHEET NO. 18 OF 29 SHEETS STA. 240+00.00 TO STA. 241+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
741	(11,12)T		85	74
			CONTRACT NO. 74422	
ILLINOIS FED. AID PROJECT				

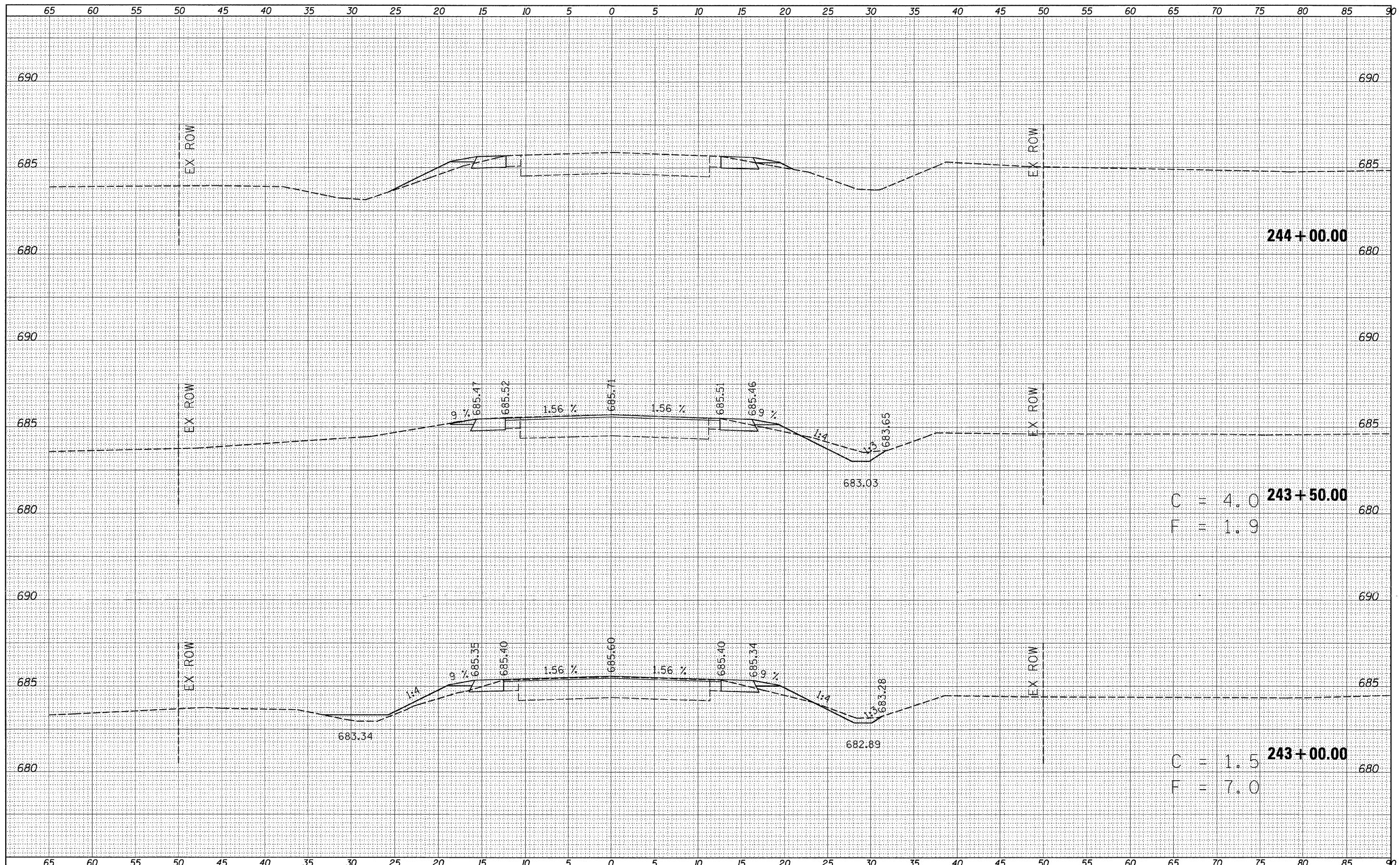
FINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
	AREAS CHECKED	

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



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

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



FILE NAME =
c:\pwork\p1\dot\swartz\w\d0156151\0774422-sh

USER NAME = swartzrw
xsah2.dgn
PLOT SCALE = 5.0000 1/16"
PLOT DATE = 8/16/2011

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

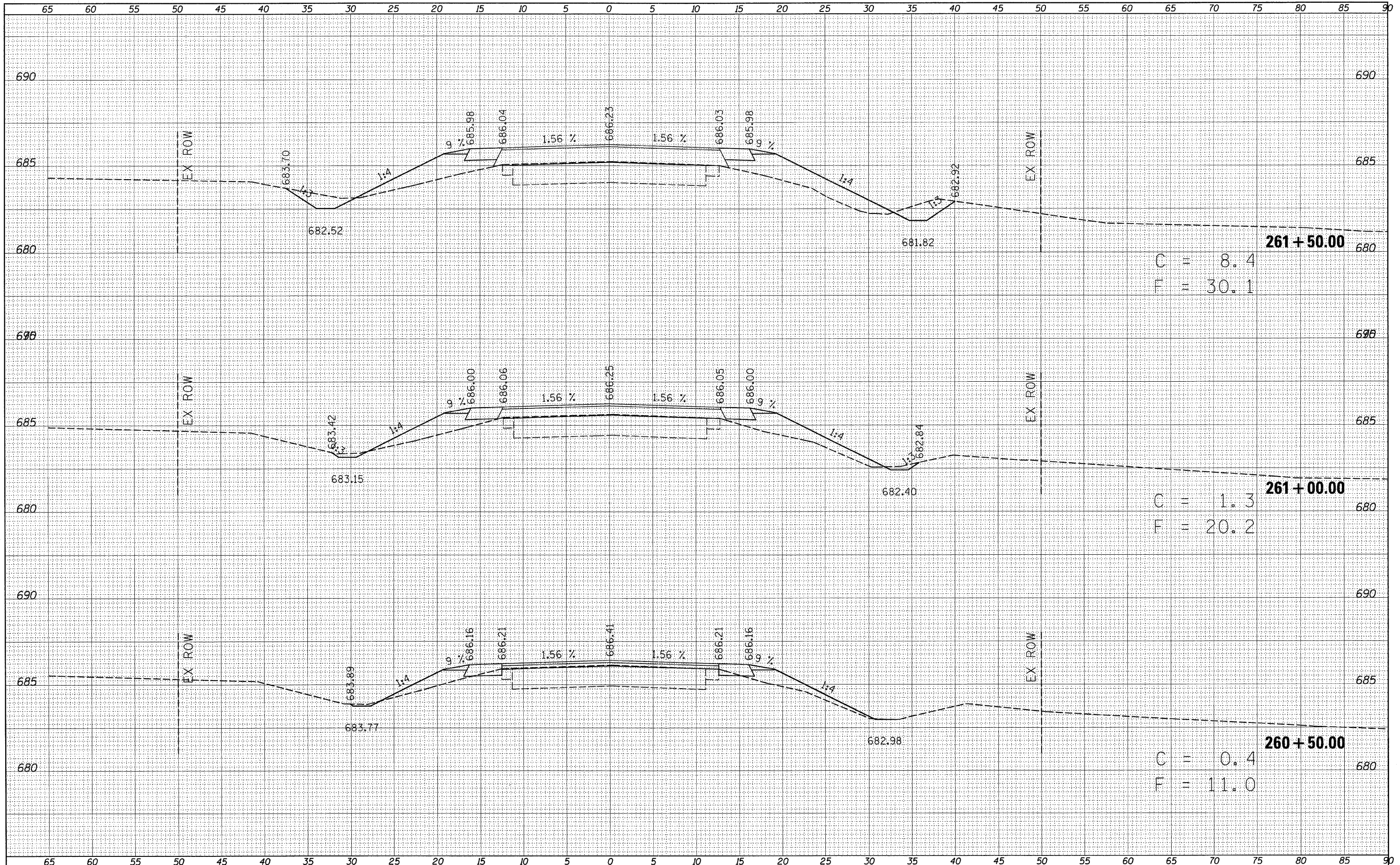
CROSS SECTIONS

SCALE: 5 SHEET NO. 20 OF 29 SHEETS STA. 243+00.00 TO STA. 244+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
741	(11,12)T		85	76
			CONTRACT NO. 74422	
ILLINOIS FED. AID PROJECT				

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

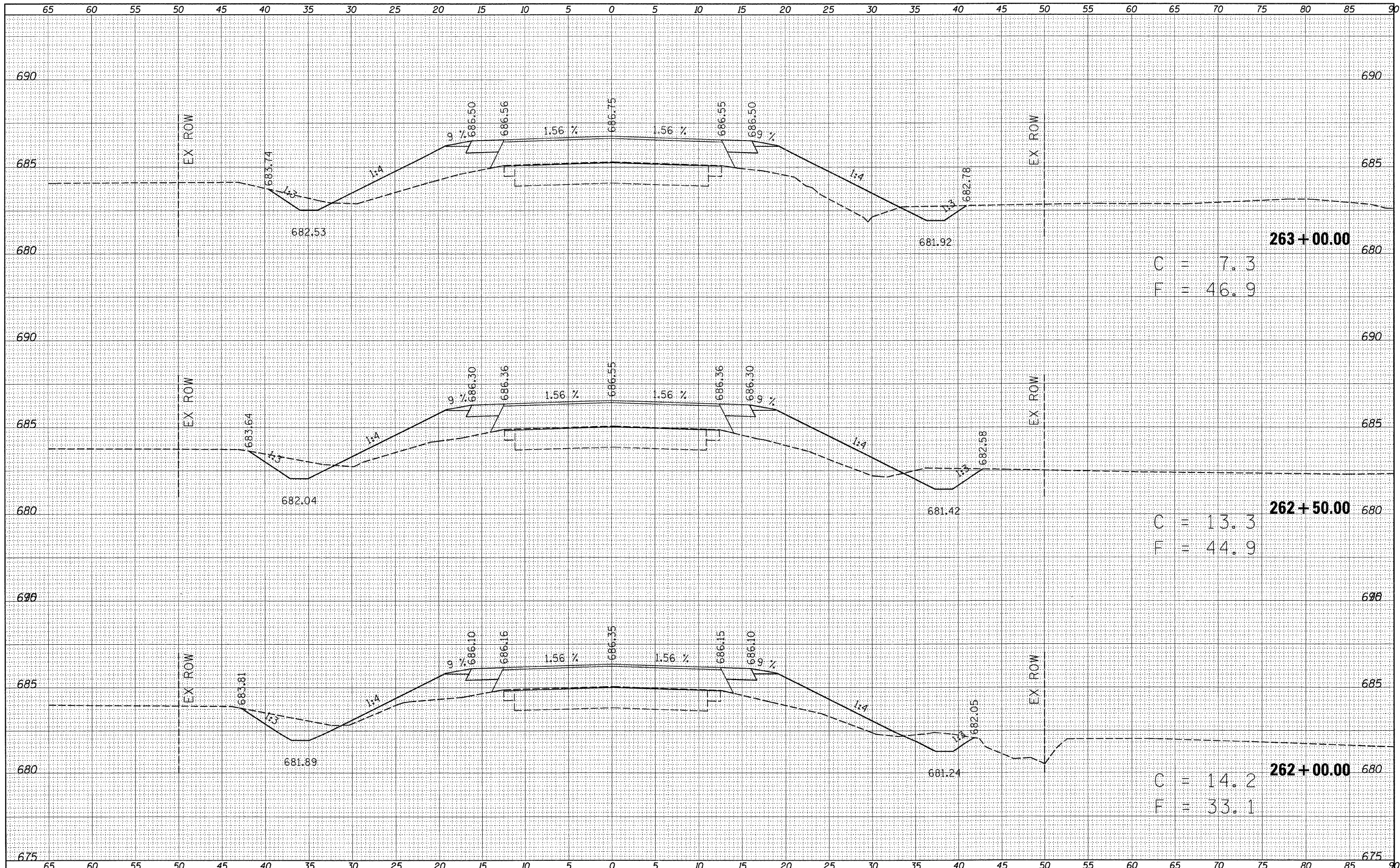
DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK NO.	PLOTTED
	TEMPLATE
	AREAS CHECKED



FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw\work\p\ridot\swartzw\d8156151\0774422-sh	xsht3.dgn	DRAWN -	REVISED -		741	(11,12)T	*	85	78		
PLOT SCALE = 5.0000 / in.	CHECKED -	REVISED -	CONTRACT NO. 74422								
PLOT DATE = 8/16/2011	DATE -	REVISED -	ILLINOIS FED. AID PROJECT								
				SCALE: 50	SHEET NO. 22 OF 29 SHEETS	STA. 260+50.00 TO STA. 261+50.00	• MACON & PIATT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMP. LATE	
AREAS	
CHECKED	
NO.	

DATE	
BY	
ORIGINAL	
SURVEY	
PLOTTED	
TEMP. LATE	
AREAS	
CHECKED	
NO.	



263+00.00
 C = 7.3
 F = 46.9

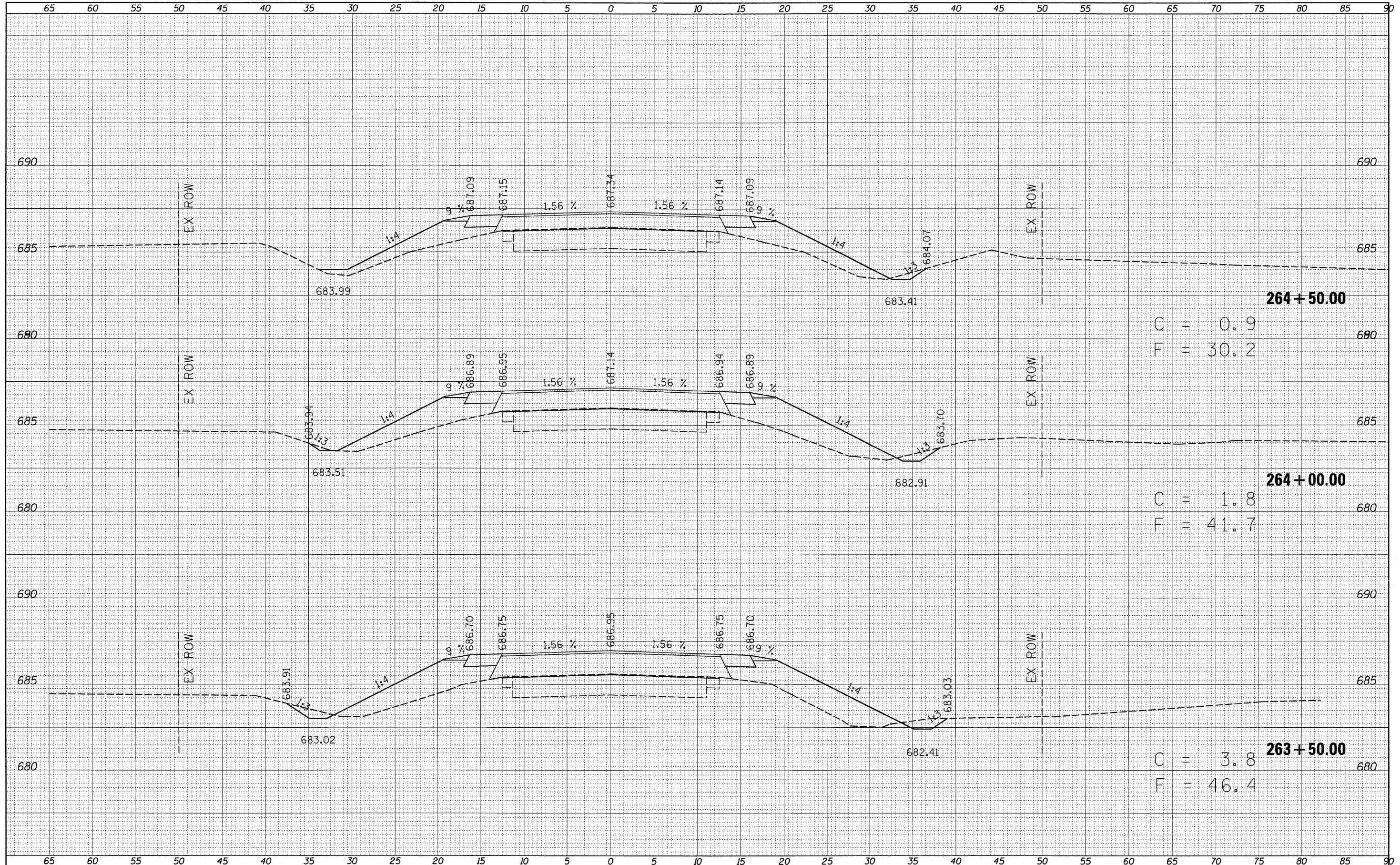
262+50.00
 C = 13.3
 F = 44.9

262+00.00
 C = 14.2
 F = 33.1

FILE NAME =	USER NAME = swartzrw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS		F.A.P. RTE. 741	SECTION (11,12)T	COUNTY	TOTAL SHEETS 85	SHEET NO. 79	
ca:\pw\work\p10101\swartzrw\d0156151\0774422-sh11\ssht3.dgn		DRAWN -	REVISED -		SCALE: 5	SHEET NO. 23 OF 29 SHEETS	STA. 262+00.00 TO STA. 263+00.00	CONTRACT NO. 74422		ILLINOIS FED. AID PROJECT		
		CHECKED -	REVISED -									
		DATE -	REVISED -									

DATE _____ BY _____
 SURVEYED _____
 PLOTTED _____
 TEMPLATE _____
 NOTE BOOK _____
 NO. _____

DATE _____ BY _____
 SURVEYED _____
 PLOTTED _____
 TEMPLATE _____
 NOTE BOOK _____
 NO. _____



264 + 50.00
 C = 0.9
 F = 30.2

264 + 00.00
 C = 1.8
 F = 41.7

263 + 50.00
 C = 3.8
 F = 46.4

FILE NAME =
 c:\pw_work\pwork\swartz\ad0156151\0774422\sh

USER NAME = swartz
 DRAWN -
 CHECKED -
 DATE -

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

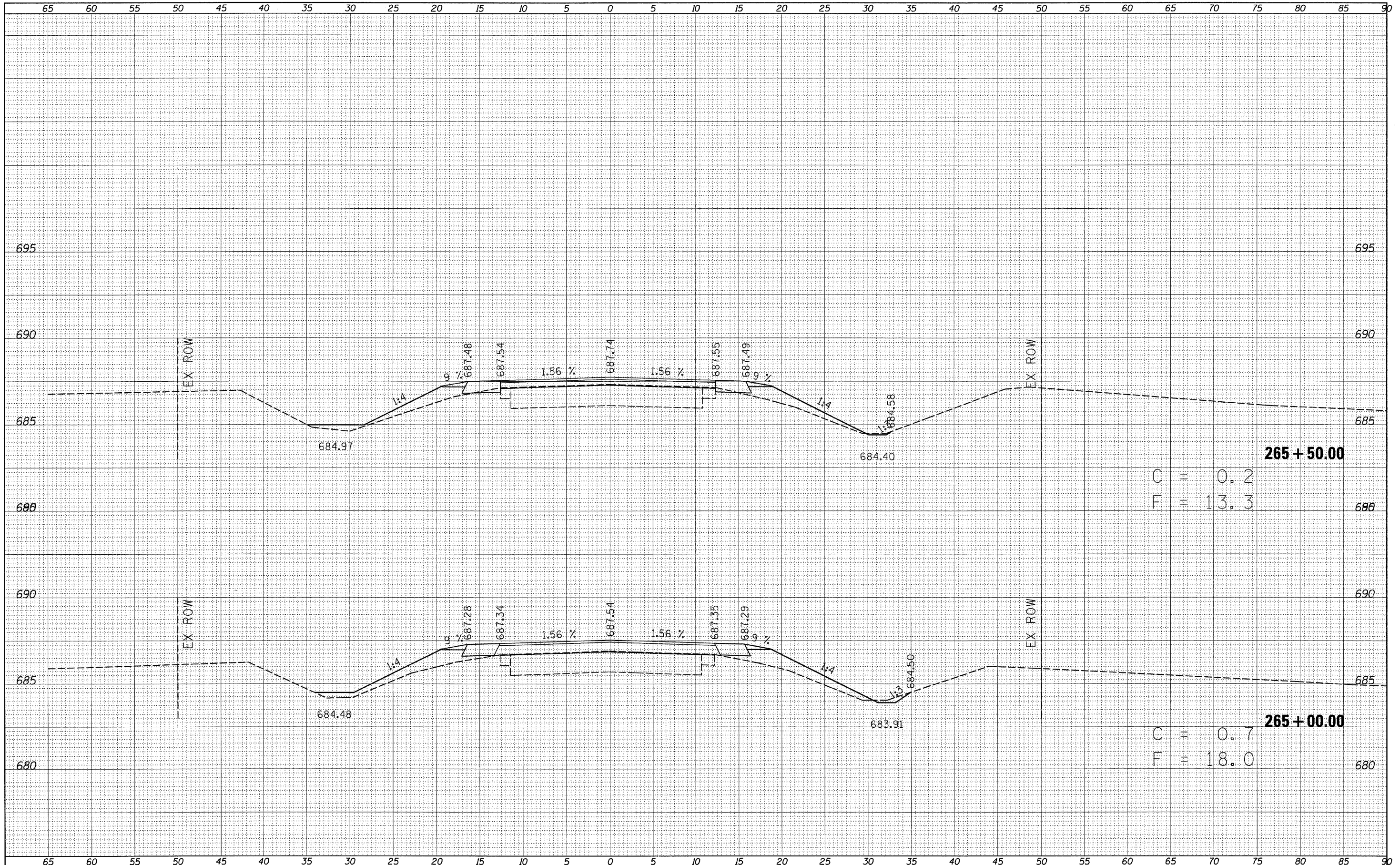
CROSS SECTIONS

SCALE: 5 SHEET NO. 24 OF 29 SHEETS STA. 263+50.00 TO STA. 264+50.00

F.A.P. RTE. 741	SECTION (11,12)T	COUNTY *	TOTAL SHEETS 85	SHEET NO. 80
CONTRACT NO. 74422				
ILLINOIS FED. AID PROJECT				

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

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



FILE NAME =
 USER NAME = swartzw
 DRAWN -
 CHECKED -
 DATE -

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

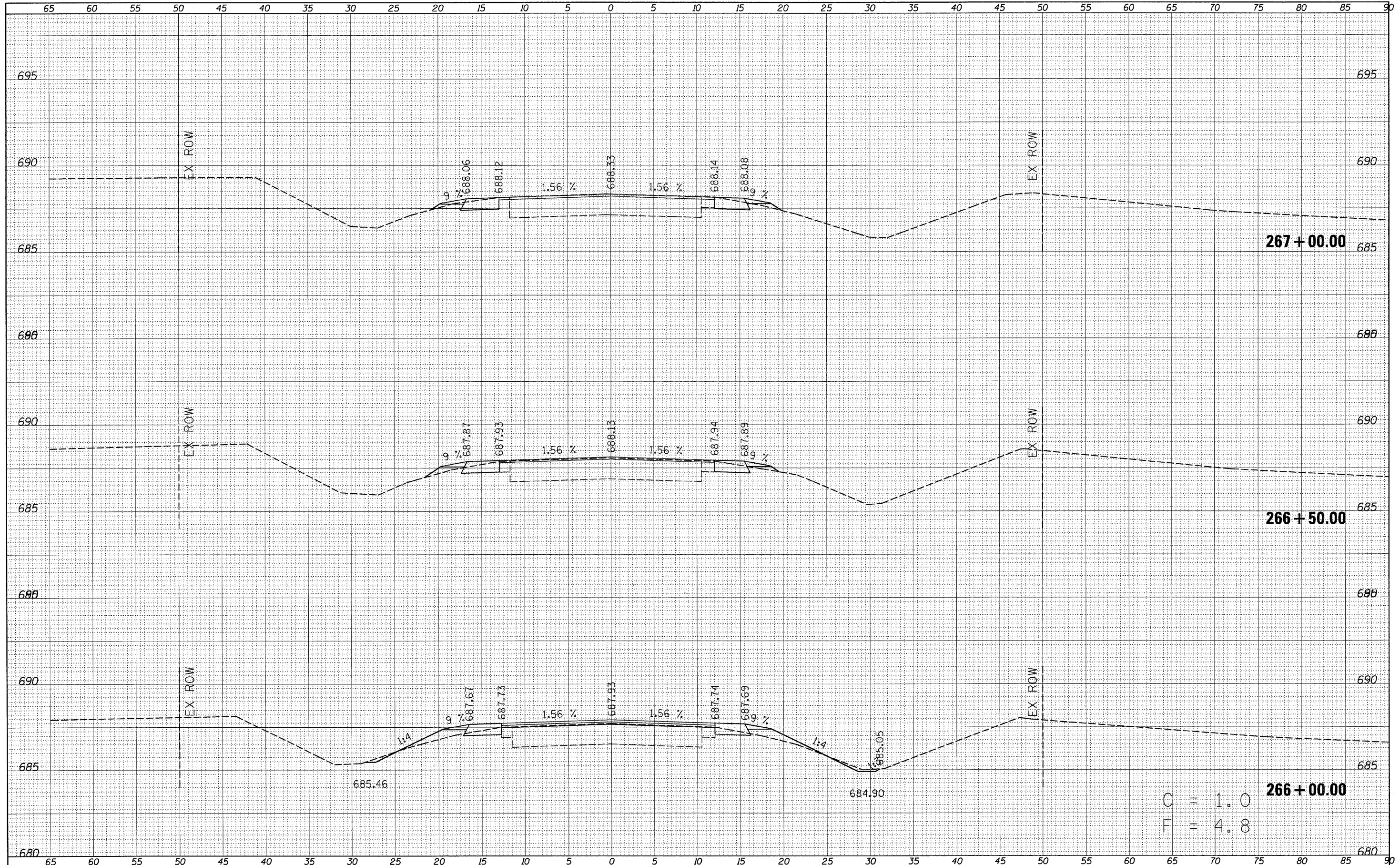
CROSS SECTIONS

SCALE: 5 SHEET NO. 25 OF 29 SHEETS STA. 265+00.00 TO STA. 265+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
741	(11,12)T	*	85	81
CONTRACT NO. 74422				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINISHED SURVEY	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO. _____	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO. _____	

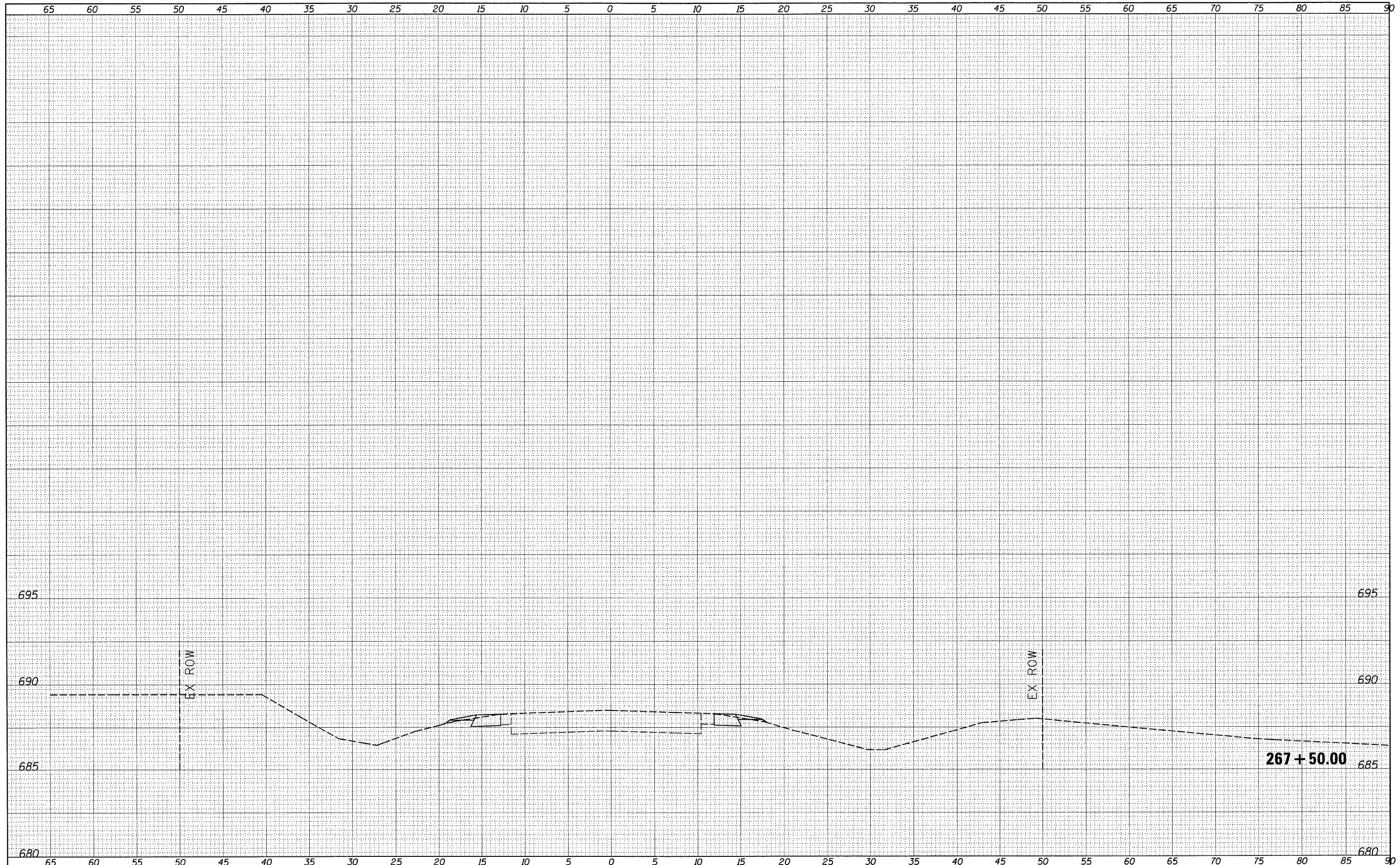


C = 1.0
F = 4.8

FILE NAME =	USER NAME = swartzrw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS		F.A.P. RTE. 741	SECTION (11.12)T	COUNTY	TOTAL SHEETS 85	SHEET NO. 82	
ca:\pwork\pwork\swartzrw\d0156151\0774422-shi\kash3.dgn		DRAWN -	REVISED -		SCALE: 5	SHEET NO. 26 OF 29 SHEETS	STA. 266+00.00 TO STA. 267+00.00	CONTRACT NO. 74422		ILLINOIS FED. AID PROJECT		
		CHECKED -	REVISED -									
		DATE -	REVISED -									

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	

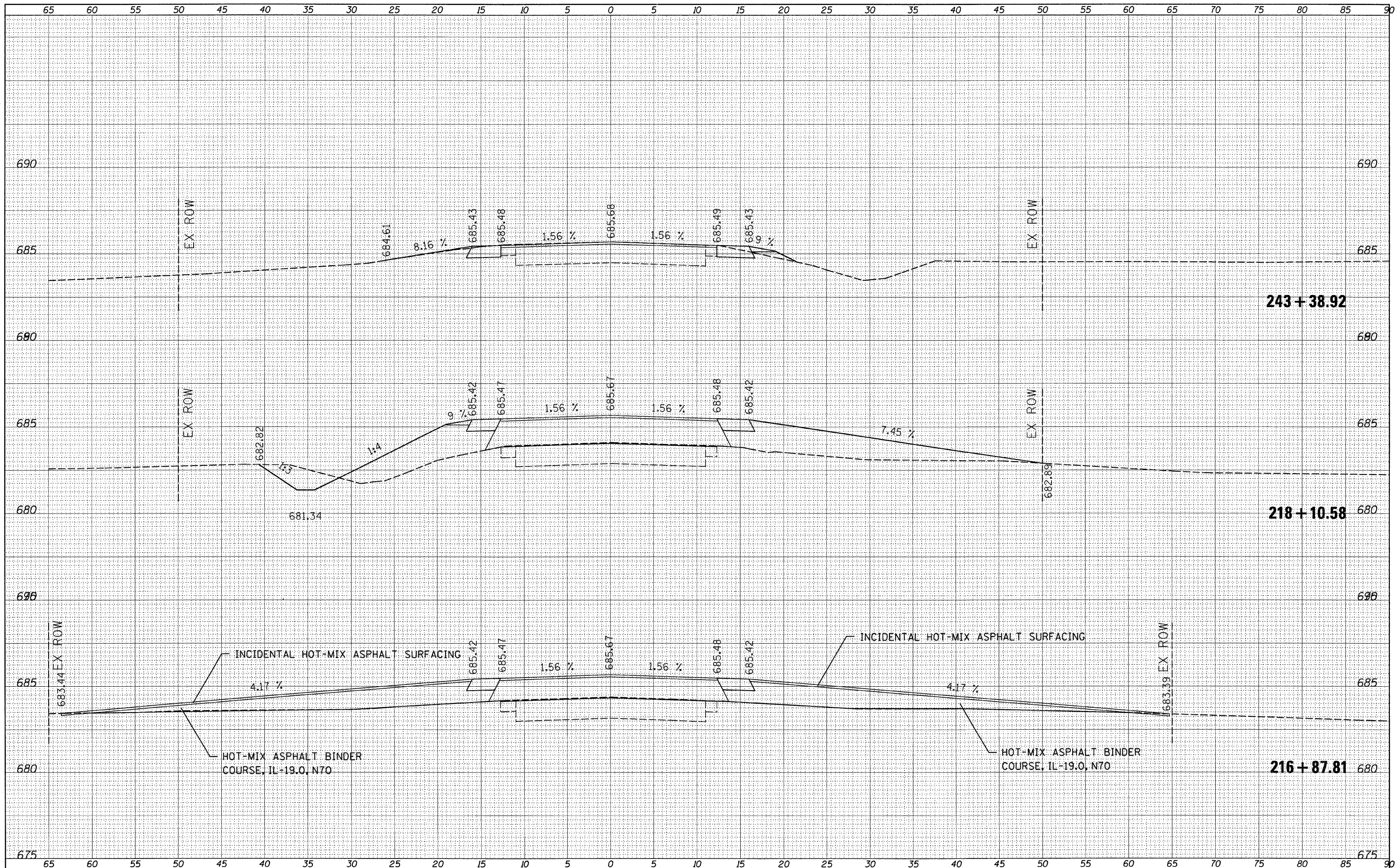
DATE	
BY	
DESIGNED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	



FILE NAME =	USER NAME = swartzrw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwr\work\p\d0156151\0774422-sh1\ssht3.dgn		DRAWN -	REVISED -		741	(11,12)T	•	85	83		
PLOT SCALE = 5.0000' / in.		CHECKED -	REVISED -		CONTRACT NO. 74422						
PLOT DATE = 8/16/2011		DATE -	REVISED -		ILLINOIS FED. AID PROJECT						
					SCALE: 5	SHEET NO. 27 OF 29 SHEETS	STA. 267+50.00 TO STA. 267+50.00	• MACON & PIATT			

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

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



FILE NAME = ca:\pwork\p1dot\swartzw\d0156151\0774422-ah\ssht4.dgn
 USER NAME = swartzw
 PLOT SCALE = 5.00000' / in.
 PLOT DATE = 8/16/2011

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

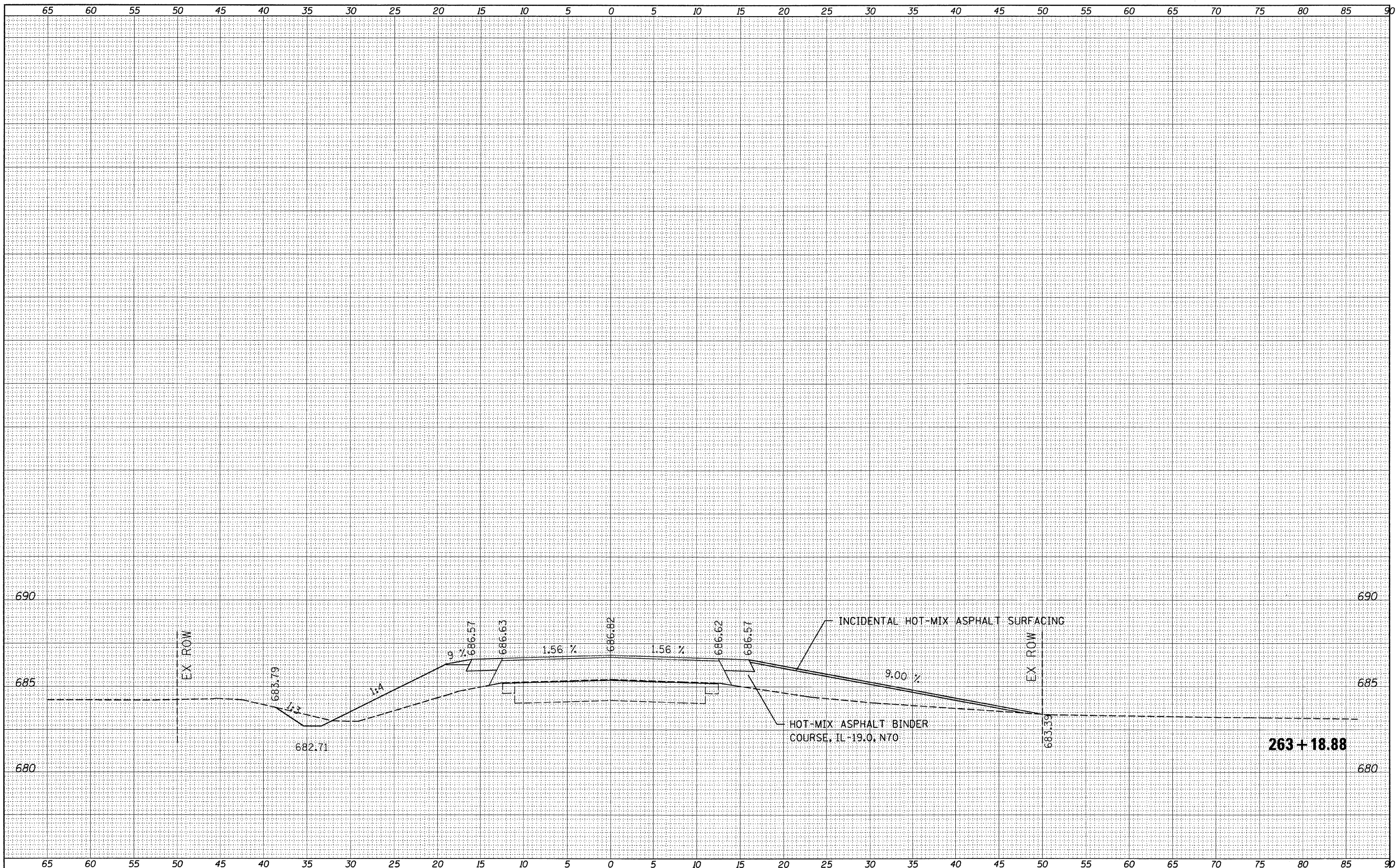
CROSS SECTIONS

SCALE: 5 SHEET NO. 28 OF 29 SHEETS STA. 216+87.81 TO STA. 243+38.92

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
741	(11,12)T		85	84
CONTRACT NO. 74422			ILLINOIS FED. AID PROJECT	

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

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



FILE NAME =
 c:\pw_work\p\dot\swartz-w\0156151\0774422-ah\asht4.dgn

USER NAME = swartz-w
 PLOT SCALE = 5.0000' / in.
 PLOT DATE = 9/16/2011

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

SCALE: 5 SHEET NO. 29 OF 29 SHEETS STA. 263+18.88 TO STA. 263+18.88

F.A.P. RTE. 741	SECTION (11,12)T	COUNTY •	TOTAL SHEETS 85	SHEET NO. 85
CONTRACT NO. 74422			ILLINOIS FED. AID PROJECT	