

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325	14 RS-5	MACOUPIN	70	1
		ILLINOIS	CONTRACT NO. 72E47	

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

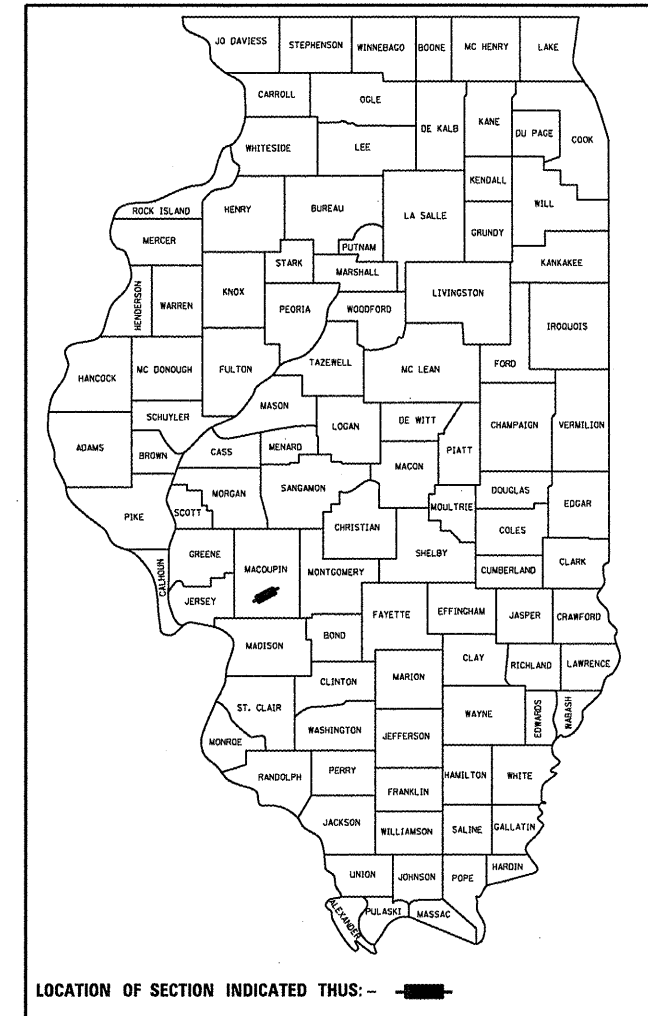
**PROPOSED  
HIGHWAY PLANS**

FAP ROUTE 325 (IL 16)  
SECTION 14 RS-5  
SMART RESURFACING  
MACOUPIN COUNTY

C-96-078-11  
PROJECT F-0325(057)

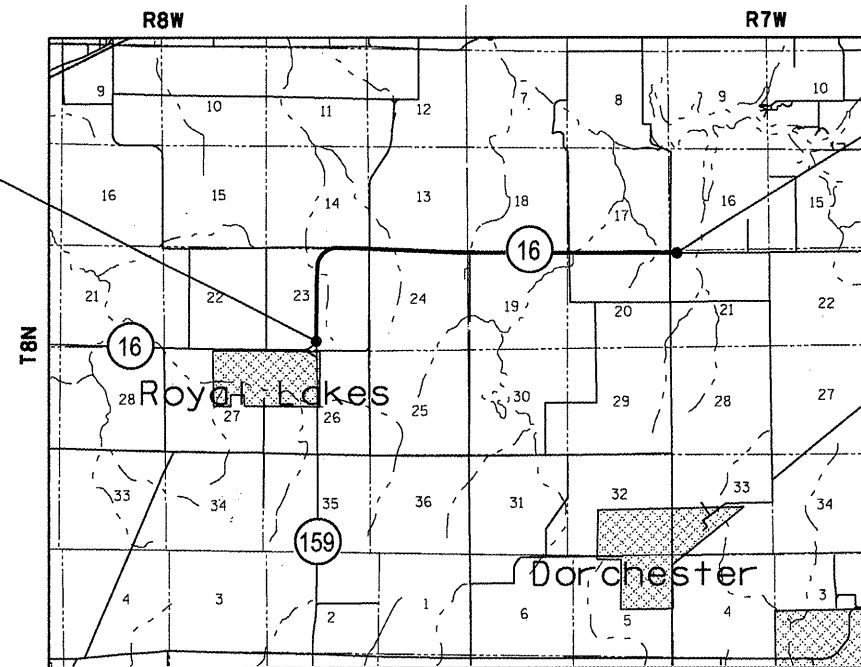
FOR INDEX OF SHEETS, SEE SHEET NO. 2  
FOR HIGHWAY STANDARDS, SEE SHEET NO. 2

**D-96-078-11**

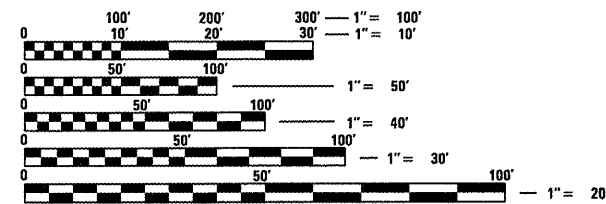


HIGHWAY CLASSIFICATION: OTHER PRINCIPAL ARTERIAL

IMPROVEMENT BEGINS  
STA. 18+62.00



IMPROVEMENT ENDS  
STA. 245+00



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

**LOCATION MAP**

GROSS LENGTH = 22,638 FT. = 4.288 MILE  
NET LENGTH = 22,638 FT. = 4.288 MILE

**TRAFFIC COUNT**

ADT=1700 (2009)  
PV=1502 (88.4%)  
SU=99 (5.8%)  
MU=99 (5.8%)

SENIOR TEAM ENGINEER: MARK DUST (217) 785-0597  
TEAM MANAGER: KEN ANDERSON (217) 524-7546

CONTRACT NO. 72E47

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED Nov. 1 20 11  
Roy J. Dinkley  
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

December 9 20 11  
Scott E. Stitt, P.E.  
ENGINEER OF DESIGN AND ENVIRONMENT

December 9 20 11  
William R. Frey, Jr.  
INTERIM DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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

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**STANDARDS**

- 000001-06 701201-04
- 280001-06 701301-04
- 442201-03 701306-03
- 630001-10 701311-03
- 630301-05 701326-04
- 635006-03 701901-02
- 635011-02 780001-03
- 701001-02 781001-03
- 701006-03

**GENERAL NOTES**

1. ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUB NUMBER LISTED IN THE INDEX OF SHEETS OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.
2. IN ADDITION TO FIELD SURVEYS, PLAN DIMENSIONS AND DETAILS RELATIVE TO THE EXISTING FACILITIES HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD. SUCH VARIATIONS SHALL NOT BE A CAUSE FOR ADDITIONAL COMPENSATION DUE TO A CHANGE IN THE SCOPE OF WORK; HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.
3. ACCESS TO ALL ENTRANCES AND SIDE ROADS SHALL BE MAINTAINED AT ALL TIMES.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS, AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. THE J.U.L.I.E. NUMBER IS 1-800-892-0123. A MINIMUM OF 48 HOURS ADVANCE NOTICE IS REQUIRED.
5. THE THICKNESS OF BITUMINOUS MIXTURES SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE BITUMINOUS MIXTURE IS PLACED.
6. ALL SAW CUTS, NECESSARY TO COMPLETE THE WORK DETAILED IN THESE PLANS, SHALL BE INCLUDED IN THE COST FOR THE VARIOUS PAY ITEMS INVOLVED. THE MINIMUM SAW CUT DEPTH IN THE PAVEMENT SHALL BE 1 1/2 " UNLESS OTHERWISE SPECIFIED IN A DETAIL SHOWN IN THE PLANS.
7. UNLESS DIRECTED BY THE ENGINEER, PAVEMENT MARKING LINES SHALL NOT BE LAID DIRECTLY OVER A LONGITUDINAL CRACK OR JOINT NOR OVER A TAR OR ASPHALT PAINTED LINE. THE EDGE OF A CENTERLINE OR LANE LINE SHALL BE OFFSET A MINIMUM DISTANCE OF 2" FROM A LONGITUDINAL CRACK OR JOINT. EDGE LINES SHALL BE APPROXIMATELY 2" FROM THE EDGE LINE OF PAVEMENT. SEE SECTION 780 OF THE STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS.
8. NO PASSING ZONES TO BE FIELD VERIFIED BY THE BUREAU OF OPERATIONS. THE RESIDENT ENGINEER SHALL NOTIFY THE BUREAU OF OPERATIONS AT LEAST 14 DAYS PRIOR TO PLACEMENT OF FINAL PERMANENT PAVEMENT MARKING. (PH: 217-785-5312)
9. THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED TO CALCULATE THE PLAN QUANTITIES:  
 BITUMINOUS MATERIALS (PRIME COAT) 0.00038 TON/SQ. YD. (ON PAVEMENT)  
 BITUMINOUS MATERIALS (PRIME COAT) 0.001425 TON/SQ. YD. (ON AGG.)  
 AGGREGATE PRIME COAT 0.002 TON/SQ. YD.  
 BITUMINOUS CONCRETE SURFACE / BINDER 0.056 TON/SQ. YD. PER 1"  
 AGGREGATE MATERIAL 2.05 TON/CU. YD.
10. THE EXISTING ROAD SIGNS THAT INTERFERE WITH CONSTRUCTION WILL BE REMOVED OR RELOCATED AS DIRECTED BY THE ENGINEER. AFTER THE CONSTRUCTION IS COMPLETED, THE CONTRACTOR WILL REPLACE THE SIGNS AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT, AND NO COMPENSATION WILL BE ALLOWED.

**COMMITMENTS**

1. THE RESIDENT ENGINEER SHALL CONTACT STUDIES & PLANS CONCERNING ANY MAJOR PLAN CHANGE. TO MAKE SURE NO PREVIOUS COMMITMENTS (NOT LISTED) WERE MADE AFFECTING THE DESIGN AND ALLOW AN IMPROVED DESIGN FOR FUTURE PROJECTS.

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

MIXTURE USE(S):	HMA SURFACE COURSE	PATCHING	INCIDENTAL HMA SURFACE	HMA SHOULDER (LOWER LIFTS)	HMA LEVEL BINDER
PG:	PG 64-22	PG 64-22	PG 64-22	PG 58-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N 50	4.0% @ N 50	4.0% @ N 50	2.0% @ N 30	4.0% @ N50
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 9.5 OR IL 12.5	IL 19.0	IL 9.5 OR IL 12.5	BAM	IL 9.5
FRICITION AGGREGATE:	MIX "C"	N/A	MIX "C"	N/A	N/A
20 YEAR ESAL	N/A	N/A	N/A	N/A	N/A

<b>DISTRICT SIX</b>	
EXAMINED <u>October 5</u> 20 <u>11</u>	
<i>Chris Wall</i>	
OPERATIONS ENGINEER	
EXAMINED <u>OCTOBER 12</u> 20 <u>11</u>	
<i>Jimmy F...</i>	
PROJECT IMPLEMENTATION ENGINEER	
EXAMINED <u>October 12</u> 20 <u>11</u>	
<i>ARM L</i>	
PROGRAM DEVELOPMENT ENGINEER	

ILLINOIS DEPARTMENT OF TRANSPORTATION  
SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNITS	TOTAL QUANTITY	CONSTRUCTION CODE TYPE	
				80% FEDERAL 20% STATE 0005	
20200100	EARTH EXCAVATION	CU YD	180	180	
20200600	EXCAVATING AND GRADING EXISTING SHOULDERS	UNIT	6	6	
20400800	FURNISHED EXCAVATION	CU YD	11	11	
* 25000200	SEEDING, CLASS 2	ACRE	0.80	0.80	
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	72	72	
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	72	72	
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	72	72	
* 25000700	AGRICULTURAL GROUND LIMESTONE	TON	1.60	1.60	
* 25100115	MULCH, METHOD 2	ACRE	0.80	0.80	
28100707	STONE DUMPED RIPRAP, CLASS A4	SQ YD	150	150	
28200200	FILTER FABRIC	SQ YD	150	150	
35800100	PREPARATION OF BASE	SQ YD	1,904	1,904	
35800200	AGGREGATE BASE REPAIR	TON	155	155	
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	40	40	
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	31	31	
40600300	AGGREGATE (PRIME COAT)	TON	150	150	
40600625	LEVELING BINDER (MACHINE METHOD) N50	TON	367	367	
40600895	CONSTRUCTING TEST STRIP	EACH	1	1	
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	1,029	1,029	
40600990	TEMPORARY RAMP	SQ YD	333	333	
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	5,694	5,694	
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	566	566	
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2 INCH	SQ YD	8,489	8,489	
44200140	PAVEMENT PATCHING, TYPE I, 12 INCH	SQ YD	25	25	
44200144	PAVEMENT PATCHING, TYPE II, 12 INCH	SQ YD	2,198	2,198	
44200148	PAVEMENT PATCHING, TYPE III, 12 INCH	SQ YD	237	237	

ILLINOIS DEPARTMENT OF TRANSPORTATION  
SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNITS	TOTAL QUANTITY	CONSTRUCTION CODE TYPE	
				80% FEDERAL 20% STATE 0005	
44200150	PAVEMENT PATCHING, TYPE IV, 12 INCH	SQ YD	60	60	
48101200	AGGREGATE SHOULDERS, TYPE B	TON	2,414	2,414	
48203023	HOT-MIX ASPHALT SHOULDERS 6 1/2"	SQ YD	321	321	
542D0229	PIPE CULVERT, CLASS D, TYPE 1 24"	FOOT	6	6	
* 63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT	50	50	
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	1	1	
63200310	GUARDRAIL REMOVAL	FOOT	50	50	
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	4,142	4,142	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6	
67100100	MOBILIZATION	L SUM	1	1	
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1	
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1	
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	1	
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	5	5	
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	4,557	4,557	
70300230	TEMPORARY PAVEMENT MARKING - LINE 5"	FOOT	60,667	60,667	
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	35	35	
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	758	758	
* 78001120	PAINT PAVEMENT MARKING - LINE 5"	FOOT	60,667	60,667	
* 78004280	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID- LINE 24"	FOOT	35	35	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	284	284	
* 78200410	GUARDRAIL MARKERS, TYPE A	EACH	2	2	
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	1	1	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	284	284	
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	53,059	53,059	
X4811300	AGGREGATE SHOULDERS, TYPE B SPECIAL	TON	65	65	

\*SPECIALTY ITEM

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		CHECKED -	REVISED -
		DATE -	REVISED -

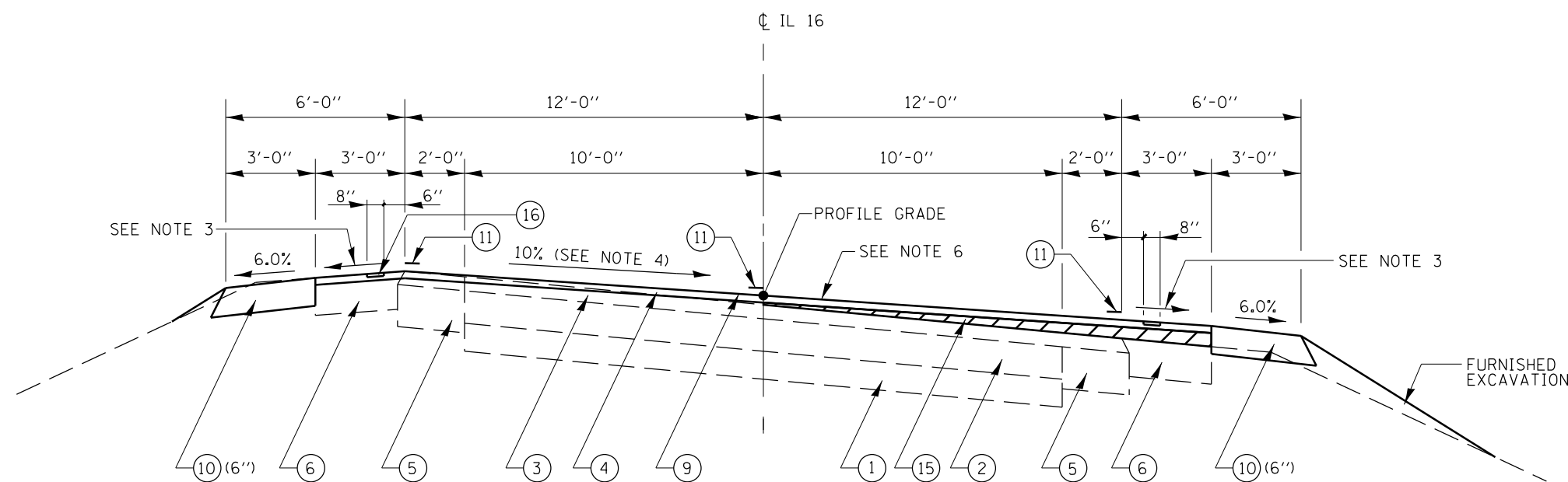
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES				
SCALE:	SHEET NO.	OF	SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325	14 RS-5	MACOUPIN	70	3
CONTRACT NO. 72E47				
ILLINOIS FED. AID PROJECT				

## LEGEND

- ① EXIST. COMPACTED GRAVEL 6"
- ② EXIST. BITUMINOUS MATERIAL 7"
- ③ EXIST. HMA BINDER COURSE 1 3/4"
- ④ EXIST. HMA SURFACE COURSE 1 1/4"
- ⑤ EXIST. HMA BASE COURSE WIDENING 9"
- ⑥ EXIST. HMA SHOULDERS 8" WITH RUMBLE STRIP
- ⑦ PROP. HMA SURFACE REMOVAL (VARIABLE DEPTH)
- ⑧ PROP. HMA SURFACE REMOVAL 1 1/2"
- ⑨ PROP. HMA SURFACE COURSE, MIX "C" N50 (1 1/2")
- ⑩ PROP. AGGREGATE SHOULDER, TYPE B
- ⑪ PROP. PAINT PAVEMENT MARKING 5"
- ⑫ PROP. EXCAVATING AND GRADING EXIST. SHLDS.
- ⑬ PROP. HMA SHOULDERS 6 1/2"
- ⑭ PROP. AGGREGATE SHOULDER, TYPE B SPECIAL
- ⑮ PROP. LEVELING BINDER (MACHINE METHOD) N50
- ⑯ PROP. RUMBLE STRIP

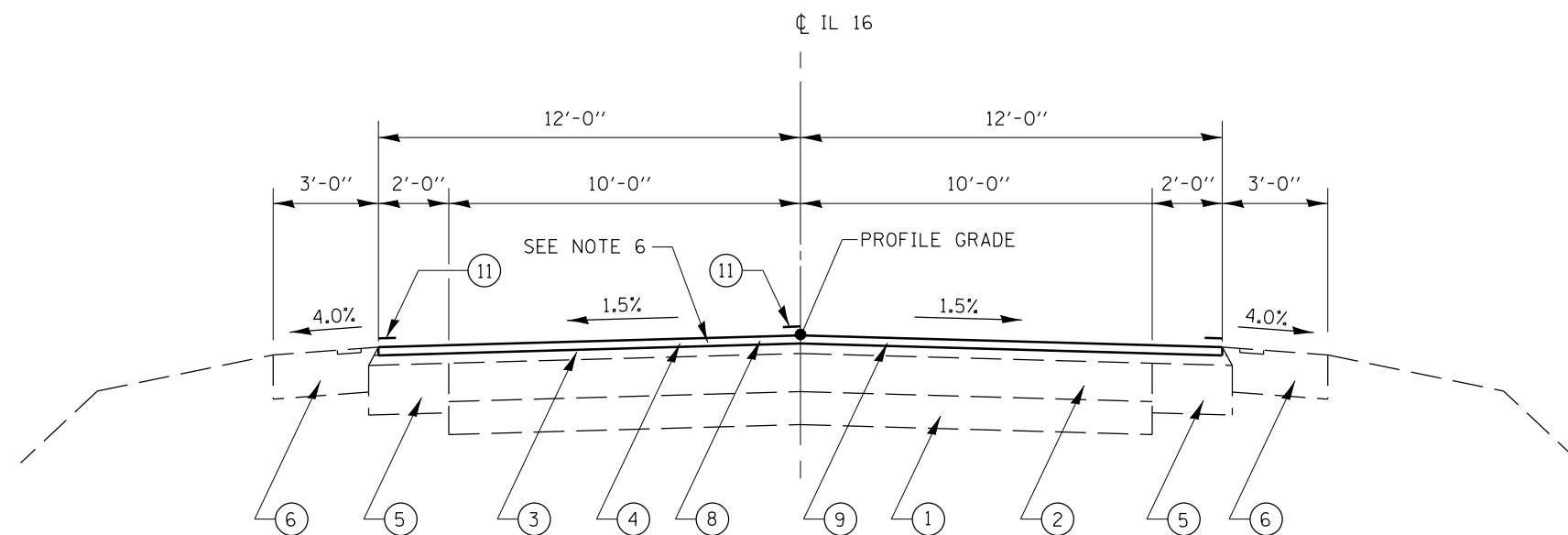


### TYPICAL SECTION #2

STA. 50+95.44 TO STA. 72+50.00

#### NOTE 6

MILL AND RESURFACE IN THE SAME DAY.  
FOR "SEQUENCE OF CONSTRUCTION" SEE  
SPECIAL PROVISIONS TRAFFIC CONTROL PLAN.



### TYPICAL SECTION #1

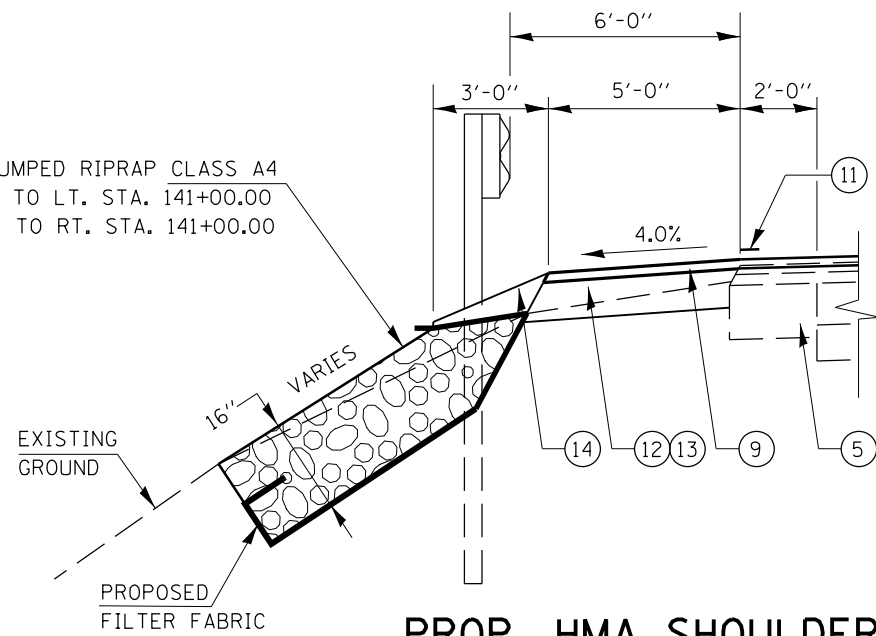
STA. 18+62.00 TO STA. 50+95.44  
STA. 72+50.00 TO STA. 73+50.00

## NOTES:

1. MILL 1/2" MIN. AT CL AND MAINTAIN 1.5% SLOPE ON TANGENT SECTIONS.
2. MILL 1/2" AS REQUIRED TO MAINTAIN SUPERELEVATED SECTION
3. IF SUPERELEVATION EXIST THE SHOULDER SLOPES ON THE HIGH SIDE MAXIMUM BREAK - OVER SHOULD BE NO GREATER THAN 8% AND ON THE LOW SIDE SAME AS SUPERELEVATION IF OVER 4%
4. FOR LIMITS OF SUPERELEVATION SEE SUPERELEVATION TRANSITION DETAIL FOR TWO LANE HIGHWAY
5. FOR RUMBLE STRIP DETAILS SEE SHOULDER & RUMBLE STRIP DETAILS SHEET

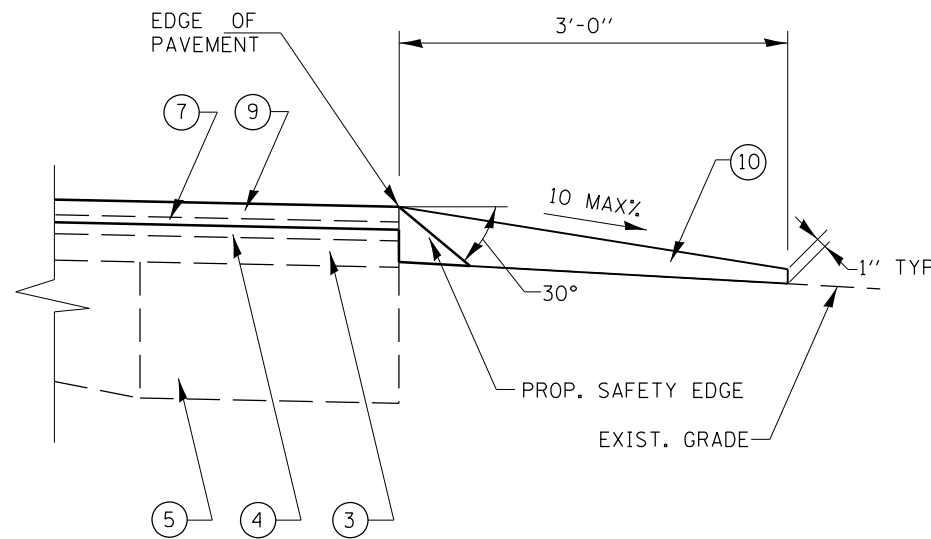
FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTIONS</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
		DRAWN -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	325	14 RS-5	MACOUPIN	70	4
		CHECKED -	REVISED -						CONTRACT NO. 72E47						
		DATE -	REVISED -						ILLINOIS FED. AID PROJECT						

PROPOSED STONE DUMPED RIPRAP CLASS A4  
 LT. STA. 139+25.00 TO LT. STA. 141+00.00  
 RT. STA. 139+00.00 TO RT. STA. 141+00.00



**PROP. HMA SHOULDER  
 DETAIL "B"**

LT. STA. 138+70.00 TO LT. STA. 141+77.00  
 RT. STA. 138+94.00 TO RT. STA. 141+50.00



**SAFETY EDGE NOTES:**

1. THE AREA FOR THE SAFETY EDGE IS ESTIMATED AT 0.20 SQ. FT..
2. QUANTITY FOR SAFETY EDGE HAS BEEN INCLUDED IN THE QUANTITIES FOR HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50.

**DETAIL "A"**

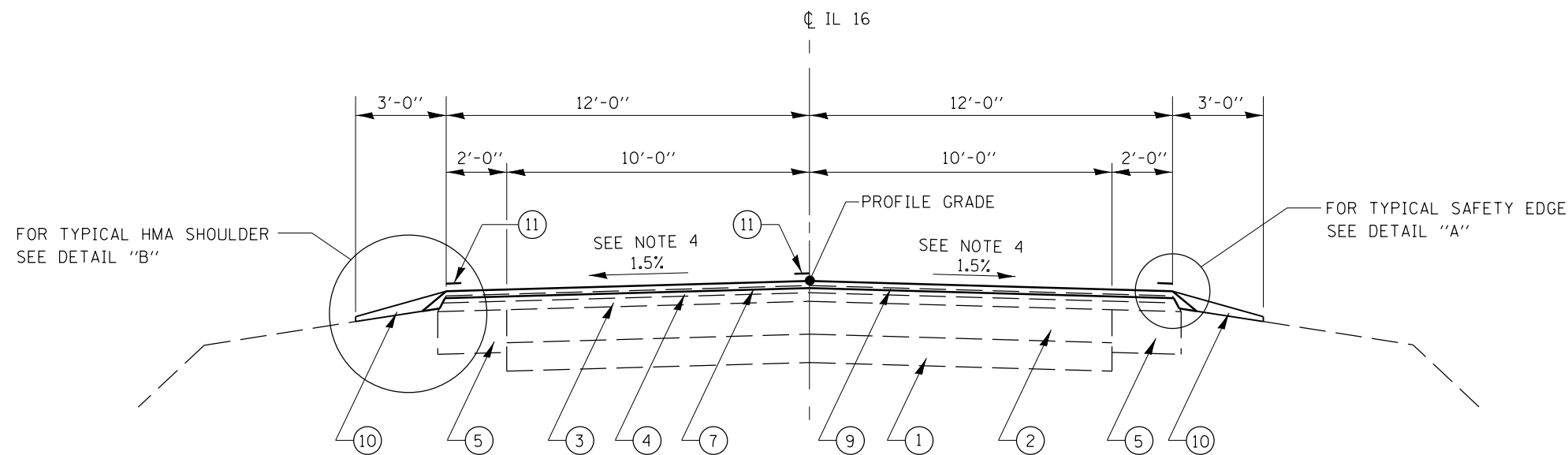
PROPOSED SAFETY EDGE

**LEGEND**

- ① EXIST. COMPACTED GRAVEL 6"
- ② EXIST. BITUMINOUS MATERIAL 7"
- ③ EXIST. HMA BINDER COURSE 1 3/4"
- ④ EXIST. HMA SURFACE COURSE 1 1/4"
- ⑤ EXIST. HMA BASE COURSE WIDENING 9"
- ⑥ EXIST. HMA SHOULDERS 8" WITH RUMBLE STRIP
- ⑦ PROP. HMA SURFACE REMOVAL (VARIABLE DEPTH)
- ⑧ PROP. HMA SURFACE REMOVAL 1 1/2"
- ⑨ PROP. HMA SURFACE COURSE, MIX "C" N50 (1 1/2")
- ⑩ PROP. AGGREGATE SHOULDER, TYPE B
- ⑪ PROP. PAINT PAVEMENT MARKING 5"
- ⑫ PROP. EXCAVATING AND GRADING EXIST. SHLDS.
- ⑬ PROP. HMA SHOULDERS 6 1/2"
- ⑭ PROP. AGGREGATE SHOULDER, TYPE B SPECIAL
- ⑮ PROP. LEVELING BINDER (MACHINE METHOD) N50
- ⑯ PROP. RUMBLE STRIP

**CONSTRUCTION SEQUENCE  
 FOR HMA SHOULDERS 6 1/2"**

1. MILL EXISTING PAVEMENT.
2. CONSTRUCT 6 1/2" HMA SHOULDERS
3. FINISH WITH HMA SURFACE COURSE (1 1/2")



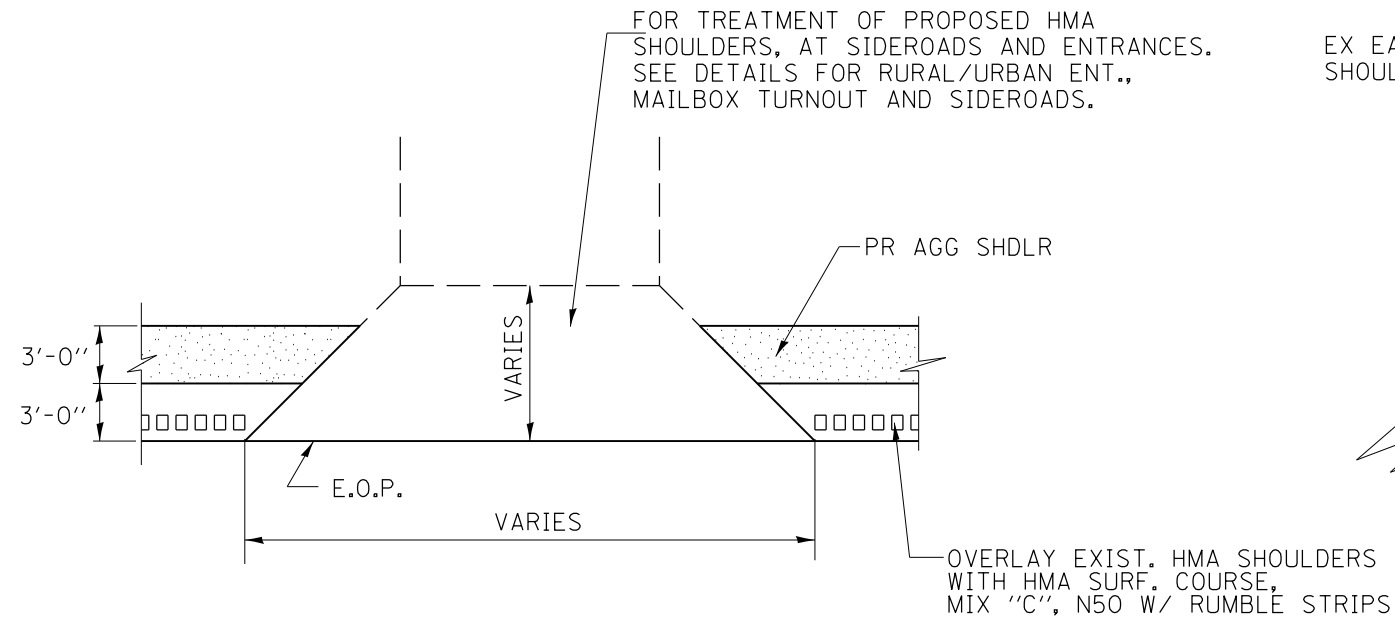
**TYPICAL SECTION #3**

STA. 73+50.00 TO STA. 245+00.00

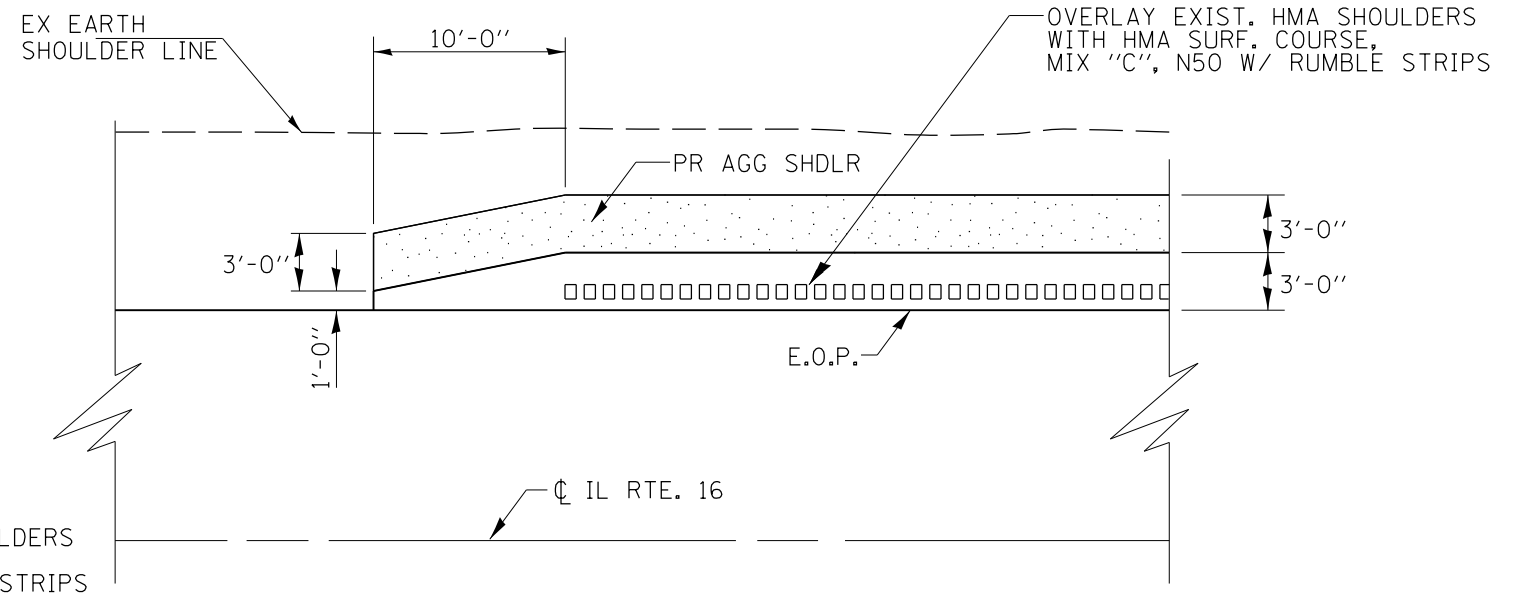
**NOTES:**

1. MILL 1/2" MIN. AT  $\phi$  AND MAINTAIN 1.5% SLOPE ON TANGENT SECTIONS.
2. MILL 1/2" AS REQUIRED TO MAINTAIN SUPERELEVATED SECTION
3. IF SUPERELEVATION EXIST THE SHOULDER SLOPES ON THE HIGH SIDE MAXIMUM BREAK - OVER SHOULD BE NO GREATER THAN 8% AND ON THE LOW SIDE SAME AS SUPERELEVATION IF OVER 4%
4. FOR LIMITS OF SUPERELEVATION SEE SUPERELEVATION TRANSITION DETAIL FOR TWO LANE HIGHWAY
5. FOR RUMBLE STRIP DETAILS SEE SHOULDER & RUMBLE STRIP DETAILS SHEET

FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTIONS</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 40.0000' / in.		CHECKED -	REVISED -		CONTRACT NO. 72E47								
PLOT DATE = Nov-01-2011 04:17:26PM		DATE -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			

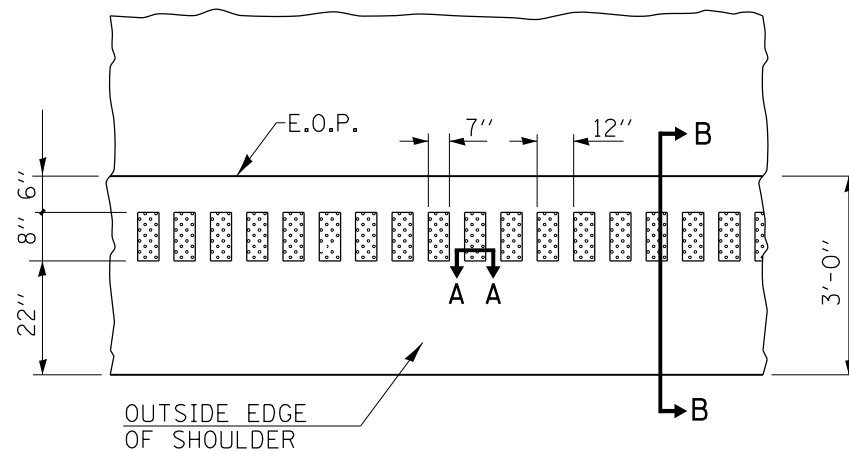


**PLAN VIEW**  
**TYPICAL APPLICATION AT**  
**INTERSECTION & ENTRANCE**

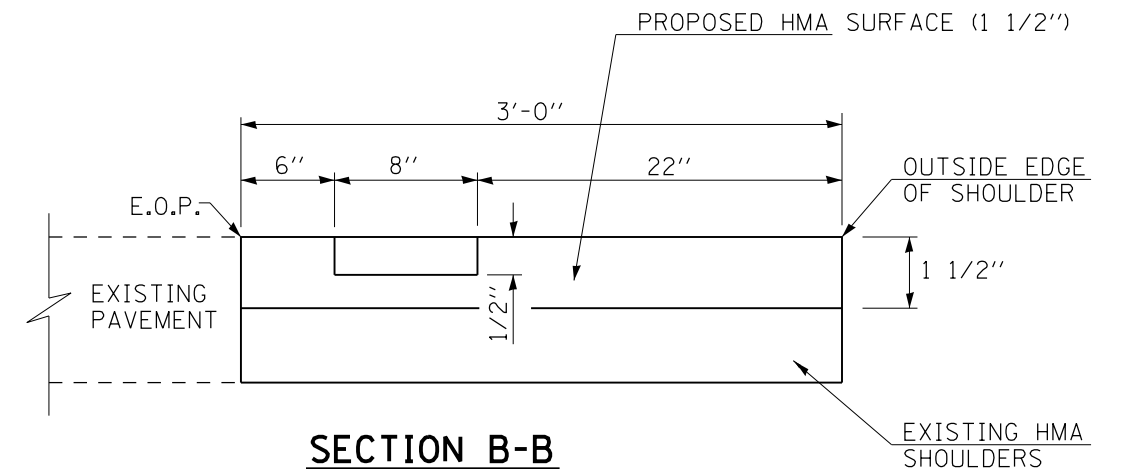


**TAPER DETAIL FOR PROPOSED AGGREGATE & HOT-MIX ASPHALT SHOULDERS**

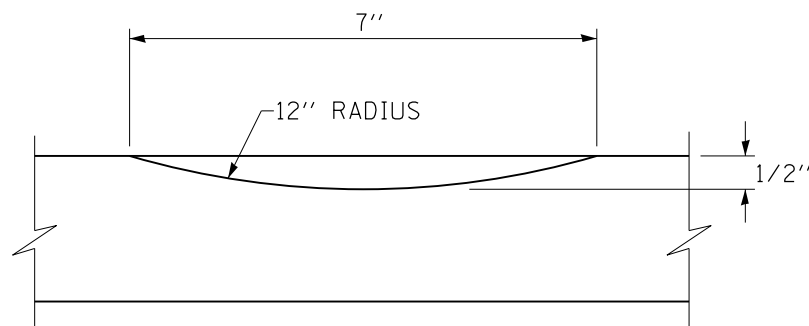
(TRANSITION WIDTH FOR PROPOSED HOT-MIX ASPHALT SHOULDERS FROM 1'-0" TO 3'-0" WITHIN 10'-0")



**PLAN VIEW**



**SECTION B-B**



**SECTION A-A**

FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SHOULDER &amp; RUMBLE STRIP DETAILS</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ei:\pw\work\p\idot\sparksgw\10264305\0672E47-sht-details.dgn	DRAWN -	REVISED -	325					14 RS-5	MACOUPIN	70	6	
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 72E47									
PLOT DATE = Nov-01-2011 04:17:35PM	DATE -	REVISED -	ILLINOIS FED. AID PROJECT									
				SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.				

PAVEMENT SCHEDULE										
LOCATION STATION TO STATION	LENGTH (FT)	WIDTH (FT)	HOT-MIX ASPHALT SURF. REM. BUTT-JOINT (SQ YD)	HOT-MIX ASPHALT SURF. REM. (VAR. DEPTH) (SQ YD)	HOT-MIX ASPHALT SURF. REM., 1 1/2" (SQ YD)	LEVEL. BINDER (MACHINE METHOD) (VAR. DEPTH) (TON)	HMA SURF. COURSE MIX "C" N50 (1 1/2") (TON)	BIT. MAT. PRIME CT. (TON)	AGGREGATE PRIME COAT (TON)	
<b>FAP 325 (IL 16)</b>										
STA. 18+62.00 TO STA. 19+12.00	50.00	24	133.3				11.2	0.1	0.3	
STA. 19+12.00 TO STA. 50+95.44	3,183.44	24			8,489.0		713.1	3.2	17.0	
STA. 50+95.44 TO STA. 72+50.00	2,154.56	24		5,745.6		367.0	482.6	2.2	11.5	
STA. 72+50.00 TO STA. 73+75.00	125.00	24		333.4			28.0	0.1	0.7	
STA. 73+75.00 TO STA. 244+75.00	17,100.00	24		45,600			4,309.8	17.3	91.4	
STA. 244+75.00 TO STA. 245+00.00	25.00	24	66.7				6.3	0.1	0.1	
	22638.00									
<b>TOTAL</b>			<b>200.0</b>	<b>51,679</b>	<b>8,489.0</b>	<b>367.0</b>	<b>5,551.0</b>	<b>23.0</b>	<b>121.0</b>	

AGGREGATE SHOULDERS TYPE B					
LOCATION STATION TO STATION	LENGTH (FT)	THICKNESS (INCH)	WIDTH (FT)	AGGREGATE SHOULDERS TYPE B (TONS)	AGGREGATE SHOULDERS TYPE B SPECIAL (TONS)
<b>FAP 325 (IL16)</b>					
<b>LEFT</b>					
STA. 18+62.00 TO STA. 50+95.44	3,233.44		0		
STA. 50+95.44 TO STA. 72+50.00	2,154.56	6"	3	246.0	
STA. 72+50.00 TO STA. 73+50.00	100.00		0		
STA. 73+50.00 TO STA. 138+70.00	6,520.00	3" AVER.	3	371.0	
STA. 138+70.00 TO STA. 141+77.00	307.00	6"	3		35
STA. 141+77.00 TO STA. 245+00.00	10,323.00	3" AVER.	3	588.0	
<b>RIGHT</b>					
STA. 18+62.00 TO STA. 50+95.44	3,233.44		0		
STA. 50+95.44 TO STA. 72+50.00	2,154.56	6"	3	246.0	
STA. 72+50.00 TO STA. 73+50.00	100.00		0		
STA. 73+50.00 TO STA. 138+94.00	6,544.00	3" AVER.	3	373.0	
STA. 138+94.00 TO STA. 141+50.00	256.00	6"	3		30
STA. 141+50.00 TO STA. 245+00.00	10,350.00	3" AVER.	3	590.0	
<b>TOTAL</b>				<b>2,414.0</b>	<b>65.0</b>

HOT-MIX ASPHALT SHOULDERS									
LOCATION STATION TO STATION	LENGTH (FT)	WIDTH (FT)	HMA SURF. REM. (VAR. DEPTH) (SQ YD)	HMA SHOULDERS 6 1/2" (SQ YD)	HMA SURF. COURSE MIX "C" N50 (1 1/2") (TON)	BIT. MAT. PRIME COAT (TON)	AGGREGATE PRIME COAT (TON)	EXCAVATING AND GRADING EXISTING SHOULDERS (UNIT)	
<b>FAP 325 (IL16)</b>									
<b>LEFT</b>									
STA. 50+95.44 TO STA. 72+50.00	2154.56	3	662.0		55.6	2.5	12.0		
STA. 138+70.00 TO STA. 141+77.00	307.00	5		170.8	14.3			3.1	
STA. 141+77.00 TO STA. 142+02.00	25.00	VAR. 5 TO 3		11.1	1.0			0.3	
<b>RIGHT</b>									
STA. 50+95.44 TO STA. 72+50.00	2154.56	3	718.0		60.3	2.5	13.0		
STA. 138+94.00 TO STA. 139+33.00	39.00	VAR 2 TO 5		21.0	1.8			0.4	
STA. 139+33.00 TO STA. 141+25.00	192.00	5		107.0	9.0			1.9	
STA. 141+25.00 TO STA. 141+50.00	25.00	VAR. 5 TO 3		11.1	1.0			0.3	
<b>TOTAL</b>			<b>1,380.0</b>	<b>321.0</b>	<b>143.0</b>	<b>5.0</b>	<b>25.0</b>	<b>6.0</b>	

RIPRAP SCHEDULE			
LOCATION STATION TO STATION	STONE DUMPED RIPRAP CLASS A4 (SQ YD)	FILTER FABRIC (SQ YD)	
<b>FAP 325 (IL 16)</b>			
STA. 139+00.00 RT. TO STA. 141+00.00 RT.	67.00	67.00	
STA. 139+25.00 LT. TO STA. 141+00.00 LT.	83.00	83.00	
<b>TOTAL</b>		<b>150.0</b>	<b>150.0</b>

AGGREGATE BASE REPAIR		
LOCATION STATION TO STATION	AGGREGATE BASE REPAIR (TON)	
<b>FAP 325 (IL 16)</b>		
WHITEFIELD ROAD	60.00	
DORCHESTER ROAD	45.00	
SPANISH NEEDLE ROAD	50.00	
<b>TOTAL</b>		<b>155.0</b>

GUARDRAIL SCHEDULE					
LOCATION STATION TO STATION	GUARDRAIL REMOVAL (FOOT)	STEEL PLATE BEAM GUARDRAIL TYPE A, 9' POSTS (FOOT)	TRAFFIC BARRIER TERMINAL TYPE 1 SPL (TANGENT) (EACH)	GUARDRAIL MKR TYPE A (EACH)	TERM MARKER DIRECT APPLIED (EACH)
<b>FAP 325 (IL 16) AT WHITEFIELD ROAD</b>					
STA. 9+49.00 RT. TO STA. 9+81.50 RT.	50.00	50.00		2.00	
STA. 8+99.00 LT. TO STA. 9+49.00 LT.			1.00		1.00
<b>TOTAL</b>		<b>50.0</b>	<b>50.0</b>	<b>1.0</b>	<b>1.0</b>

TEMPORARY RAMPS				
LOCATION STATION TO STATION		LENGTH (FT)	WIDTH (FT)	AREA (SQ YD)
<b>FAP325 (IL 16)</b>				
STA. 18+62.00 TO STA. 19+12.00	BUTT-JOINT	24	5	13.3
STA. 245+00.00 TO STA. 245+25.00	BUTT-JOINT	24	5	13.3
<b>SIDE ROADS</b>				
LT. STA. 66+44.06	BURNS RD.	140	5	78.0
RT. STA. 85+96.21	STAGECOACH RD.	40	5	22.2
LT. STA. 85+96.21	STAGECOACH RD.	50	5	27.8
LT. STA. 138+80.00	WHITEFIELD RD.	50	5	27.8
RT. STA. 190+47.00	WALKER RD.	60	5	33.5
LT. STA. 190+48.00	WALKER RD.	60	5	33.5
RT. STA. 203+66.00	ADAMS SCHOOL RD.	30	5	16.6
RT. STA. 243+24.79	DORCHESTER RD.	60	5	33.5
LT. STA. 243+41.21	SPANISH NEEDLE RD.	60	5	33.5
<b>TOTAL</b>				<b>333.0</b>

SIDE ROAD PAINT PAVEMENT MARKING SCHEDULE				
LOCATION STATION TO STATION	DESCRIPTION	LENGTH (FT)	PAINT PAVE. MARK. LINE 5"	PREF. PLASTIC PAVE. MARK. TYPE B - INLAID - LINE 24"
			YELLOW (FT)	WHITE (FT)
<b>WHITEFIELD ROAD</b>				
STA. 9+30.00 TO STA. 9+58.00	SOLID (DOUBLE CENTER LINE)	28.0	56	
RT. STA. 9+58.00	SOLID (STOP BAR)	11.0		11.0
<b>DORCHESTER ROAD</b>				
STA. 8+60.00 TO STA. 9+59.00	SOLID (DOUBLE CENTER LINE)	99.0	198.0	
RT. STA. 9+59.00	SOLID (STOP BAR)	14.0		14.0
<b>SPANISH NEEDLE ROAD</b>				
STA. 10+43.00 TO STA. 11+25.00	SOLID (DOUBLE CENTER LINE)	82.0	164.0	
LT. STA. 10+43.00	SOLID (STOP BAR)	10.0		10.0
<b>TOTAL</b>			<b>418.0</b>	<b>35.0</b>

SEEDING SCHEDULE						
LOCATION	SEEDING CLASS 2 (ACRE)	NITROGEN FERTILIZER NUTRIENT (POUND)	PHOSPHORUS FERTILIZER NUTRIENT (POUND)	POTASSIUM FERTILIZER NUTRIENT (POUND)	AGRICULTURAL GROUND LIMESTONE (TON)	MULCH METHOD 2 (ACRE)
LT. & RT. STA. 51+00.00 TO LT. & RT. STA. 72+50.00	0.40	36	36	36	0.80	0.40
INTERSECTION WHITEFIELD RD.	0.10	9	9	9	0.20	0.10
INTERSECTION DORCHESTER RD. SPANISH NEEDLE RD.	0.30	27	27	27	0.60	0.30
<b>TOTAL</b>	<b>0.80</b>	<b>72</b>	<b>72</b>	<b>72</b>	<b>1.60</b>	<b>0.80</b>

EARTHWORK SCHEDULE				
LOCATION	1	2	3	EARTHWORK BALANCE WASTE (+) OR FURNISHED EXCAVATION (-) (COLUMN 2 - COLUMN 3) (CU YD)
	EARTH EXCAVATION (CU YD)	* EXCAVATION TO BE USED IN EMBANKMENT (ADJUSTED FOR SHRINKAGE) (COLUMN 1 x 0.75) (CU YD)	* EMBANK. (FILL)	
LT. & RT. STA. 51+00 TO LT. & RT. STA. 72+50	154	116	107	9
WHITEFIELD RD.	-	-	25	-25
DORCHESTER RD.	26	20	15	5
<b>PRODUCT TOTALS</b>	<b>180</b>	<b>136</b>	<b>147</b>	<b>-11</b>

EARTH EXCAVATION SHRINKAGE FACTOR = 25%  
ITEMS MARKED WITH ASTERISK (\*) ARE FOR INFORMATION PURPOSES ONLY

SHORT-TERM PAVEMENT MARKING						
LOCATION STATION TO STATION	DESCRIPTION	LENGTH (FT)	SPACING	NUMBER OF APPLICATIONS	SHORT-TERM PAVE MARK (FT)	WORK ZONE PAVE MARK REM (SQ FT)
<b>FAP 325 (IL 16)</b>						
STA. 18+62.00 TO STA. 52+27.00	SKIP - DASH	3,365.00	4' @ 40'	2	681.0	112.5
STA. 52+27.00 TO STA. 71+20.00	SKIP - DASH	1,893.00	4' @ 40'	2	387.0	64.0
STA. 71+20.00 TO STA. 73+75.00	SKIP - DASH	255.00	4' @ 40'	2	59.0	9.5
STA. 73+75.00 TO STA. 245+00.00	SKIP - DASH	17,125.00	4' @ 40'	2	3,430.0	572.0
<b>TOTAL</b>					<b>4,557.00</b>	<b>758.0</b>

NOTE: SHORT-TERM PAVEMENT MARKING QUANTITIES ARE FOR TWO APPLICATIONS.

RAISED REFLECTIVE PAVEMENT MARKERS SCHEDULE			
LOCATION STATION TO STATION	LENGTH (FT)	TWO-WAY AMBER (EACH)	REMOVAL (EACH)
<b>FAP 325 (IL 16)</b>			
STA. 18+62.00 TO STA. 245+00.00	22,638.00	284	284
<b>TOTAL</b>		<b>284</b>	<b>284</b>



SIDEROAD AND ENTRANCE SCHEDULE										
LOCATION	WIDTH ACROSS FRONT (FT)	WIDTH ACROSS BACK (FT)	LENGTH OF IMPROVEMENT FROM EOP (FT)	EXIST. SURF. TYPE	PREPARATION OF BASE (SQ YD)	HOT-MIX ASPH. SURF. REMOVAL BUTT-JOINT (SQ YD)	INCIDENTAL HOT-MIX ASPH. SURF. (SQ YD)	HMA. MAT. PRIME COAT (TON)	AGGREGATE PRIME COAT (TON)	AGGREGATE SURF. CSE. TYPE B (TON)
<b>FAP 325 (IL 16)</b>										
FE RT. STA 36+19.00	-	-	-	SOD	-	-	-	-	-	-
FE LT. STA. 43+02.00	-	-	-	SOD	-	-	-	-	-	-
FE LT. STA. 51+06.00	-	-	-	SOD	-	-	-	-	-	-
FE RT. STA. 53+75.00	-	-	-	SOD	-	-	-	-	-	-
FE LT. STA. 55+67.50	-	-	-	SOD	-	-	-	-	-	-
FE LT. STA. 63+62.00	-	-	-	SOD	-	-	-	-	-	-
BURNS RD LT. STA. 66+44.06	169	143	VARIES	HMA/O&C	-	545.0	61.9	0.21	1.09	-
FE LT. STA. 72+32.00	-	-	-	SOD	-	-	-	-	-	-
FE LT. STA. 85+50.00	-	-	-	SOD	-	-	-	-	-	-
STAGECOACH RD. RT. STA. 85+96.21	44	27	10	O&C	39.4	-	17.7	0.06	0.08	-
STAGECOACH RD. LT. STA. 85+96.21	50	39	11	O&C	54.4	-	24.4	0.08	0.11	-
FE LT. 86+39.00	-	-	-	SOD	-	-	-	-	-	-
FE LT. STA. 103+24.00	-	-	-	SOD	-	-	-	-	-	-
FE RT. STA. 112+67.00	-	-	-	SOD	-	-	-	-	-	-
FE RT. STA. 123+23.00	-	-	-	SOD	-	-	-	-	-	-
FE LT. STA. 123+33.00	-	-	-	SOD	-	-	-	-	-	-
MBT RT. STA. 137+14.00	64	20	8	AGG	37.3	-	7.3	0.05	-	-
PE LT. STA. 138+53.00	42	26	8	HMA/AGG	17.2	13.0	8.0	0.03	-	3.0
WHITEFIELD RD. RT. STA. 138+80.00	SEE WHITEFIELD RD. INTERSECTION DETAIL			HMA/O&C	199.0	-	33.5	0.30	0.40	-
PE W/MBT RT. STA. 143+87.00	55	35	8	HMA/AGG	-	40.0	4.5	0.02	-	2.2
PE W/MBT LT. STA. 157+95.00	81	47	8	HMA/AGG	36.6	20.3	14.6	0.06	-	1.6
PE RT. STA. 159+12.00	42	21	10	HMA/AGG	-	35.0	3.9	0.01	-	1.6
FE LT. STA. 164+72.00	-	-	-	SOD	-	-	-	-	-	-
PE W/MBT RT. STA. 166+31.00	61	34	8	AGG	42.2	-	14.2	0.06	-	1.9
PE W/MBT RT. STA. 171+27.00	56	30	8	AGG	38.2	-	12.8	0.05	-	1.9
PE W/MBT RT. STA. 173+67.00	60	34	8	HMA/AGG	22.8	19.0	11.8	0.04	-	1.9
PE W/MBT RT. STA. 177+27.00	66	32	8	O&C	43.6	-	14.6	0.06	-	1.9
PE W/MBT RT. STA. 177+94.00	59	33	8	AGG	40.9	-	13.7	0.06	-	1.9
PE W/MBT LT. STA. 179+10.00	67	33	8	HMA/AGG	23.1	21.3	11.8	0.04	-	1.9
PE W/MBT RT. STA. 180+09.00	73	39	8	HMA/AGG	26.5	23.3	11.5	0.05	-	1.9
PE W/MBT LT. STA. 184+60.00	63	29	8	AGG	40.9	-	13.7	0.06	-	1.9
<b>SUB-TOTAL</b>					<b>662.1</b>	<b>716.9</b>	<b>279.9</b>	<b>1.19</b>	<b>1.41</b>	<b>23.6</b>



**PAINT PAVEMENT MARKING - LINE 5" SCHEDULE**

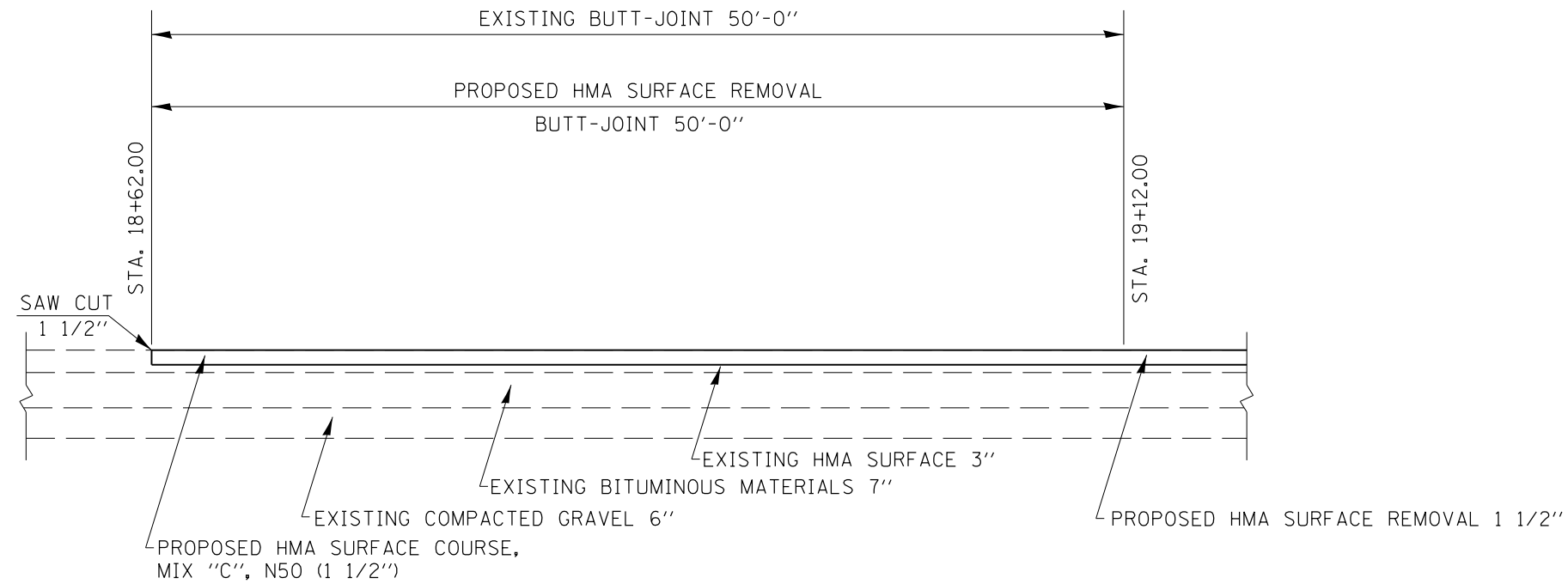
LOCATION STATION TO STATION	DESCRIPTION	LENGTH (FT)	SPACING	LINE 5"	
				WHITE (FT)	YELLOW (FT)
<b>FAP 325 (IL 16)</b>					
STA. 18+62.00 TO STA. 135+28.00	SOLID (EDGE LINE LT)	11,666.0		11,446.0	
STA. 18+62.00 TO STA. 135+28.00	SKIP-DASH (CENTER)	11,666.0	10' @ 40'		2,917.0
STA. 18+62.00 TO STA. 135+28.00	SOLID (EDGE LINE RT)	11,666.0		11,616.0	
STA. 135+28.00 TO STA. 140+56.00	SOLID (EDGE LINE LT)	528.0		528.0	
STA. 135+28.00 TO STA. 140+56.00	SKIP-DASH (CENTER WEST BOUND)	528.0	10' @ 40'		132.0
STA. 135+28.00 TO STA. 140+56.00	SOLID (EAST BOUND NPZ)	528.0			528.0
STA. 135+28.00 TO STA. 140+56.00	SOLID (EDGE LINE RT)	528.0		473.0	
STA. 140+56.00 TO STA. 146+00.00	SOLID (EDGE LINE LT & RT)	544.0		1,088.0	
STA. 140+56.00 TO STA. 146+00.00	SKIP-DASH (CENTER)	544.0	10' @ 40'		136.0
STA. 146+00.00 TO STA. 152+85.00	SOLID (EDGE LINE LT & RT)	685.0		1,370.0	
STA. 146+00.00 TO STA. 152+85.00	SKIP-DASH (CENTER EAST BOUND)	685.0	10' @ 40'		172.0
STA. 146+00.00 TO STA. 152+85.00	SOLID (WEST BOUND NPZ)	685.0			685.0
STA. 152+85.00 TO STA. 167+00.00	SOLID (EDGE LINE LT & RT)	1,415.0		2,830.0	
STA. 152+85.00 TO STA. 167+00.00	SKIP-DASH (CENTER)	1,415.0	10' @ 40'		354.0
STA. 167+00.00 TO STA. 177+60.00	SOLID (EDGE LINE LT & RT)	1,060.0		2,120.0	
STA. 167+00.00 TO STA. 177+60.00	SKIP-DASH (CENTER WEST BOUND)	1,060.0	10' @ 40'		265.0
STA. 167+00.00 TO STA. 177+60.00	SOLID (EAST BOUND NPZ)	1,060.0			1,060.0
STA. 177+60.00 TO STA. 182+80.00	SOLID (EDGE LINE LT & RT)	520.0		1,040.0	
STA. 177+60.00 TO STA. 182+80.00	SOLID (WEST & EAST BOUND NPZ)	520.0			1,040.0
STA. 182+80.00 TO STA. 193+45.00	SOLID (EDGE LINE LT)	1,065.0		1,005.0	
STA. 182+80.00 TO STA. 193+45.00	SOLID (WEST BOUND NPZ)	1,065.0			1,065.0
STA. 182+80.00 TO STA. 193+45.00	SKIP-DASH (CENTER EAST BOUND)	1,065.0	10' @ 40'		267.0
STA. 182+80.00 TO STA. 193+45.00	SOLID (EDGE LINE RT)	1,065.0		995.0	
STA. 193+45.00 TO STA. 204+00.00	SOLID (EDGE LINE LT)	1,055.0		1,055.0	
STA. 193+45.00 TO STA. 204+00.00	SKIP-DASH (CENTER WEST BOUND)	1,055.0	10' @ 40'		264.0
STA. 193+45.00 TO STA. 204+00.00	SOLID (EAST BOUND NPZ)	1,055.0			1,055.0
STA. 193+45.00 TO STA. 204+00.00	SOLID (EDGE LINE RT)	1,055.0		985.0	
STA. 204+00.00 TO STA. 214+48.00	SOLID (EDGE LINE LT & RT)	1,048.0		2,096.0	
STA. 204+00.00 TO STA. 214+48.00	SOLID (WEST BOUND NPZ)	1,048.0			1,048.0
STA. 204+00.00 TO STA. 214+48.00	SKIP-DASH (CENTER EAST BOUND)	1,048.0	10' @ 40'		262.0
STA. 214+48.00 TO STA. 219+85.00	SOLID (EDGE LINE LT & RT)	537.0		1,074.0	
STA. 214+48.00 TO STA. 219+85.00	SOLID (WEST & EAST BOUND NPZ)	537.0			1,074.0
STA. 219+85.00 TO STA. 225+13.00	SOLID (EDGE LINE LT & RT)	528.0		1,056.0	
STA. 219+85.00 TO STA. 225+13.00	SKIP-DASH (CENTER WEST BOUND)	528.0	10' @ 40'		132.0
STA. 219+85.00 TO STA. 225+13.00	SOLID (EAST BOUND NPZ)	528.0			528.0
STA. 225+13.00 TO STA. 235+65.00	SOLID (EDGE LINE LT & RT)	1,052.0		2,104.0	
STA. 225+13.00 TO STA. 235+65.00	SOLID (WEST BOUND NPZ)	1,052.0			1,052.0
STA. 225+13.00 TO STA. 235+65.00	SKIP-DASH (CENTER EAST BOUND)	1,052.0	10' @ 40'		263.0
STA. 235+65.00 TO STA. 245+00.00 *	SOLID (EDGE LINE LT & RT)	935.0		1,900.0	
STA. 235+65.00 TO STA. 245+00.00	SKIP-DASH (CENTER WEST BOUND)	935.0	10' @ 40'		234.0
STA. 235+65.00 TO STA. 245+00.00	SOLID (EAST BOUND NPZ)	935.0			935.0
<b>SUB-TOTAL</b>				44,781.0	15,468.0
<b>TOTAL</b>				<b>60,249.0</b>	

**SHOULDER RUMBLE STRIP, 8 INCH SCHEDULE**

LOCATION STATION TO STATION	LENGTH (FT)
<b>FAP 325 (IL 16)</b>	
<b>LEFT</b>	
STA 50+95.44 TO STA 64+70.00	1,374.5
STA 66+37.00 TO STA 72+50.00	613.0
<b>RIGHT</b>	
STA 50+95.44 TO STA 72+50.00	2,154.5
<b>TOTAL</b>	
<b>4,142.0</b>	

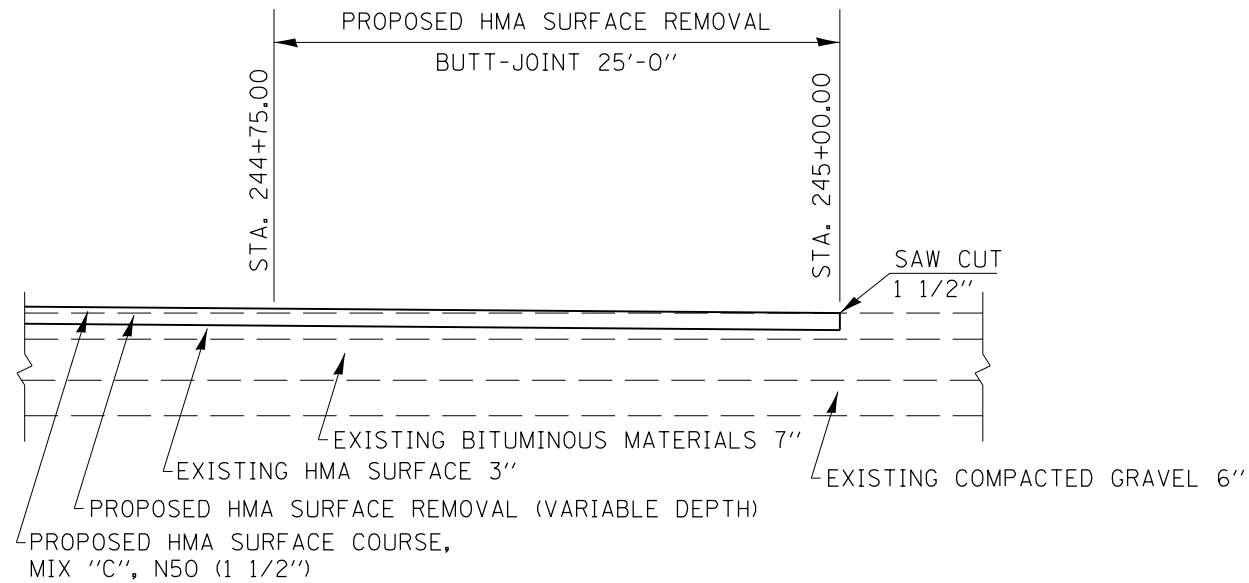
NOTE: QUANTITIES FOR TEMPORARY PAVEMENT MARKING-LINE 5" ARE THE SAME AS PAINT PAVEMENT MARKING-LINE 5"

\*NOTE: EDGE LINE QUANTITIES INCLUDE EDGE LINE FOR RADIUS RETURNS ALONG DORCHESTER RD. AND SPANISH NEEDLE RD.



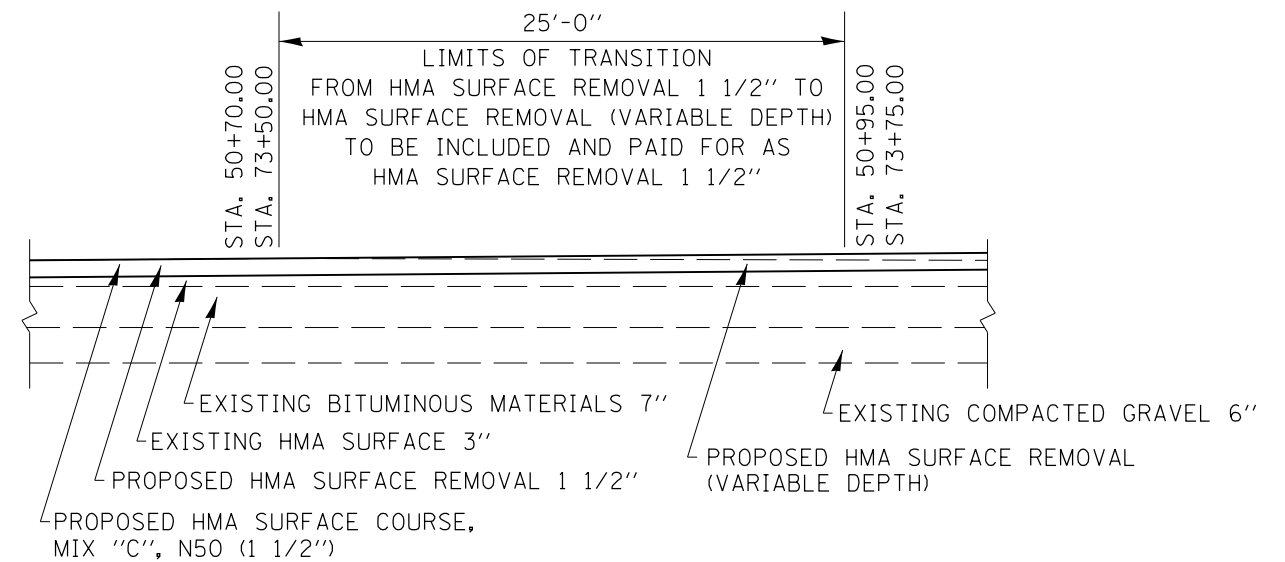
**50' BUTT-JOINT DETAIL**

STA. 18+62.00 TO 19+12.00



**25' BUTT-JOINT DETAIL**

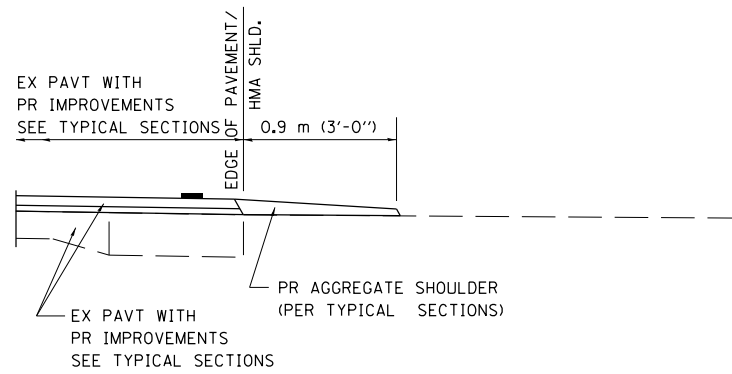
STA. 245+00.00 TO STA. 245+25.00



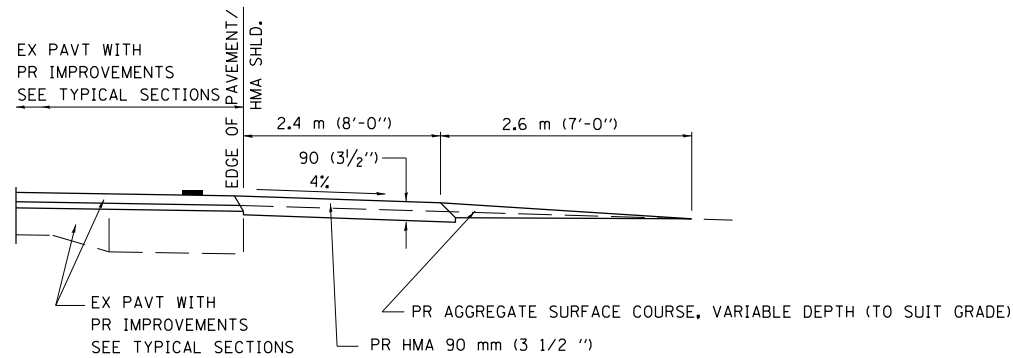
**25' MILLING TRANSITION DETAIL**

STA. 50+70.00 TO STA. 50+95.00  
 STA. 73+50.00 TO STA. 73+75.00

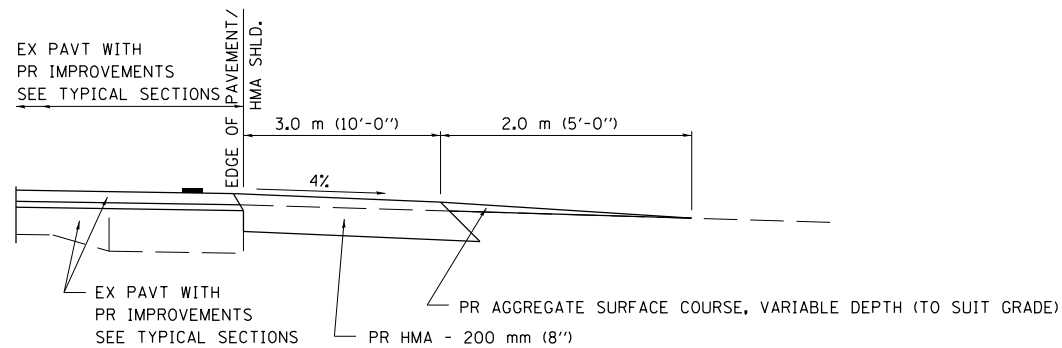
FILE NAME =	USER NAME = martinj	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>BUTT-JOINT &amp; MILLING TRANSITION DETAILS</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pwork\pwork\martinjk\d0264305\0672E47-sht-details.dgn		DRAWN -	REVISED -					325	14 RS-5	MACOUPIN	70	12
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 72E47				
	PLOT DATE = Nov-14-2011 03:25:03PM	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



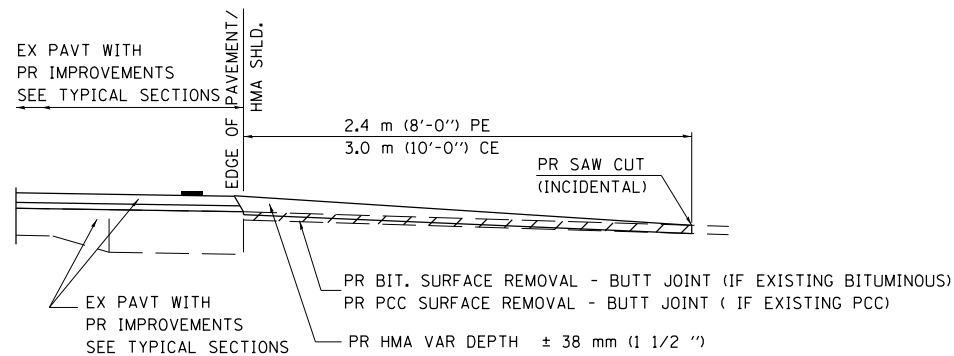
**SECTION A-A FOR EX EARTH/ AGGREGATE FE**



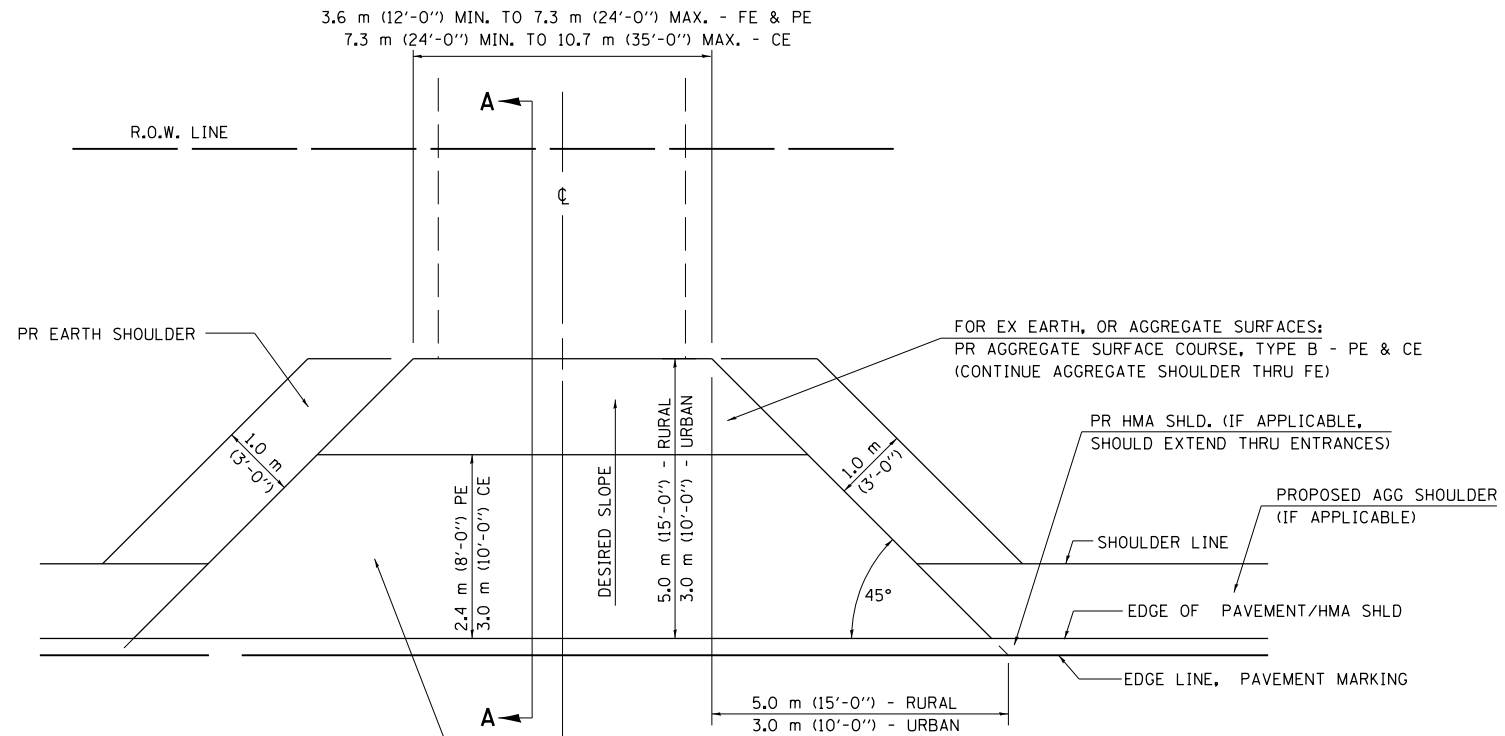
**SECTION A-A FOR EX EARTH/AGGREGATE PE**



**SECTION A-A FOR EX EARTH/AGGREGATE CE & SIDE ROAD**



**SECTION A-A FOR EX BITUMINOUS/ PC CONCRETE PE, CE & SIDE ROAD**



FOR EX EARTH OR AGGREGATE SURFACES:  
 PR BIT SURFACE REMOVAL (IF APPLICABLE)  
 PR AGGREGATE SHOULDER THRU - FE  
 PR BITUMINOUS CONCRETE 90 mm (3 1/2") - PE  
 PR BITUMINOUS CONCRETE 200mm (8") - CE

FOR EX BITUMINOUS CONCRETE SURFACES:  
 PR BITUMINOUS SURFACE REMOVAL-BUTT JOINT

FOR EX PCC SURFACES:  
 PR PCC SURFACE REMOVAL-BUTT JOINT

**GENERAL NOTES:**

THE RESIDENT ENGINEER WILL DETERMINE THE EXACT TYPE OF IMPROVEMENT TO BE COMPLETED FOR ALL ENTRANCES, SIDEROADS AND MAILBOX TURNOUTS ON THIS PROJECT.

THE PLAN DETAILS AND SCHEDULES SHOULD BE USED AS A GUIDE FOR THE ENGINEER TO IMPLEMENT THE FINAL DESIGN. THE ENGINEER MAY DECIDE TO SALVAGE PORTIONS OF THE EXISTING ENTRANCE PAVEMENT STRUCTURE; THEREFORE, REDUCING PAY ITEM QUANTITIES. NO ADDITIONAL PAYMENT WILL BE ALLOWED FOR THIS REDUCTION IN QUANTITIES.

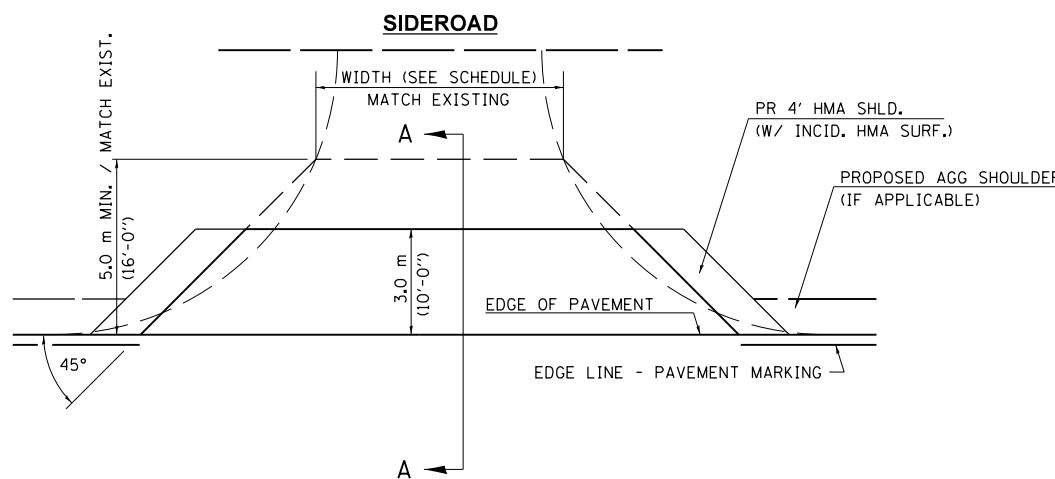
ANY WORK THE ENGINEER REQUIRES WHICH IS NOT COVERED BY A PAY ITEM CONTAINED IN THE PLANS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

BITUMINOUS CONCRETE REQUIRED TO CONSTRUCT THE ENTRANCES SHALL BE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 406 AND 408 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER.

WHEN THE BITUMINOUS CONCRETE PROPOSED FOR THE IMPROVEMENT IS THICKER THAN 75 mm (3 INCHES) AND REQUIRE PLACEMENT IN MORE THAN ONE LIFT. THE BOTTOM LIFT(S) SHALL MEET THE REQUIREMENTS OF BITUMINOUS BASE COURSE IN SECTION 406 OF THE STANDARD SPECIFICATIONS AND THE TOP LIFT OF 50 mm (2 INCHES) SHALL MEET THE REQUIREMENTS OF BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE.

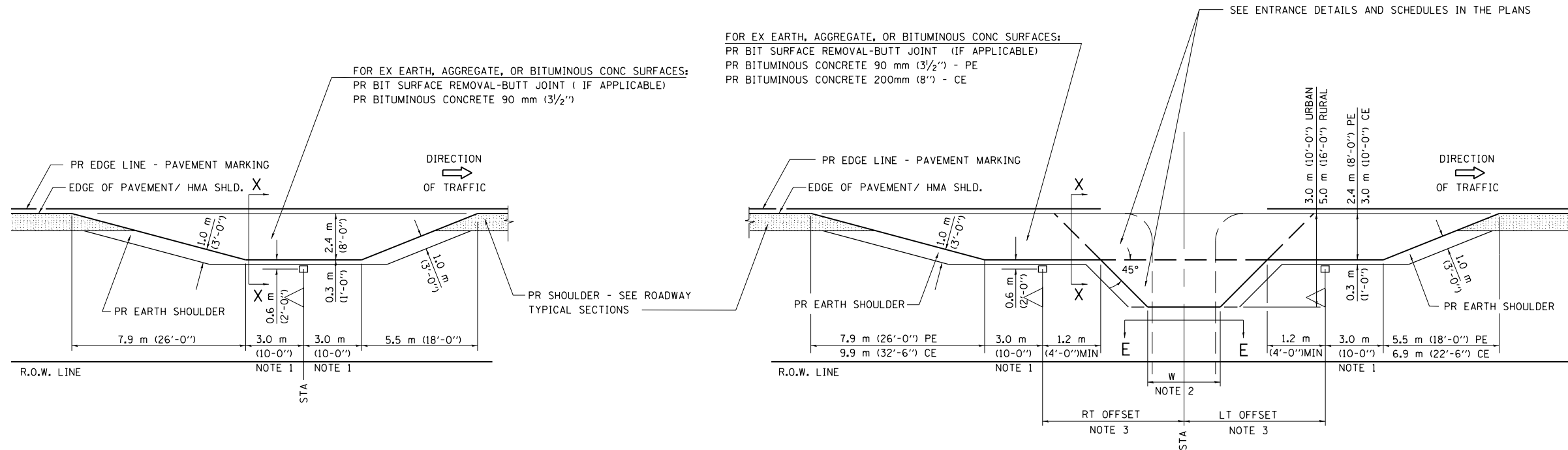
THIS WORK WILL BE PAID FOR IN ACCORDANCE WITH SECTIONS 351, 358, 408, 423 AND 440 OF THE STANDARD SPECIFICATIONS.

ALL DIMENSIONS ARE IN MILLIMETERS ( INCHES ) UNLESS OTHERWISE SHOWN.



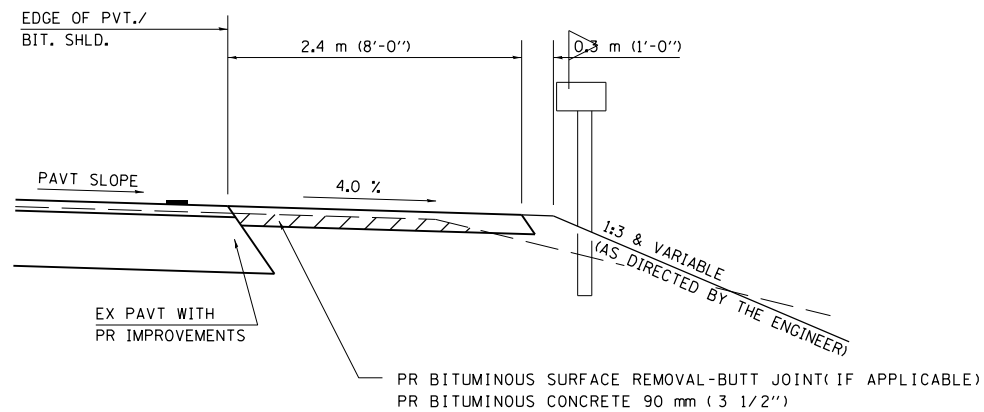
FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DIST. 6 DETAILS FOR RURAL/URBAN ENT., MAILBOX TURNOUT &amp; SIDEROADS W/O CONC. GUTTER (3P-PROJ.)</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ei:\pw\work\p\idot\sparksgw\10264305\0672E47-sht-details.dgn		DRAWN -	REVISED -			325	14 RS-5	MACOUPIN	70	13
PLOT SCALE = 40.0000' / in.		CHECKED -	REVISED -			<b>CONTRACT NO. 72E47</b>				
PLOT DATE = Nov-01-2011 04:18:33PM		DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
					SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	

# DETAILS OF MAILBOX TURNOUTS



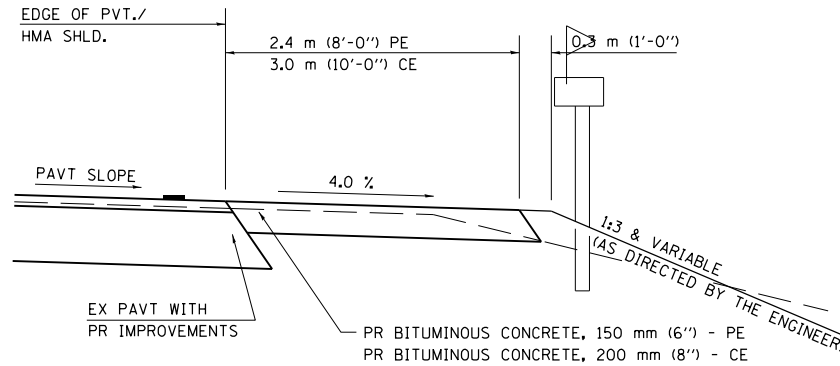
**PLAN - MAILBOX TURNOUTS**

**PLAN - COMBINED MAILBOX TURNOUT WITH TRAILING OR LEADING ENTRANCE**



**SECTION X-X THRU MAILBOX TURNOUT  
ALSO APPLIES TO MAILBOX TURNOUTS COMBINED WITH  
EX EARTH, AGGREGATE, OR BITUMINOUS PE & FE**

( DETAIL APPLIES WHEN M.B. TURNOUT DOES NOT EXIST.  
IF EXISTING, TREAT SAME AS ENTRANCE. )



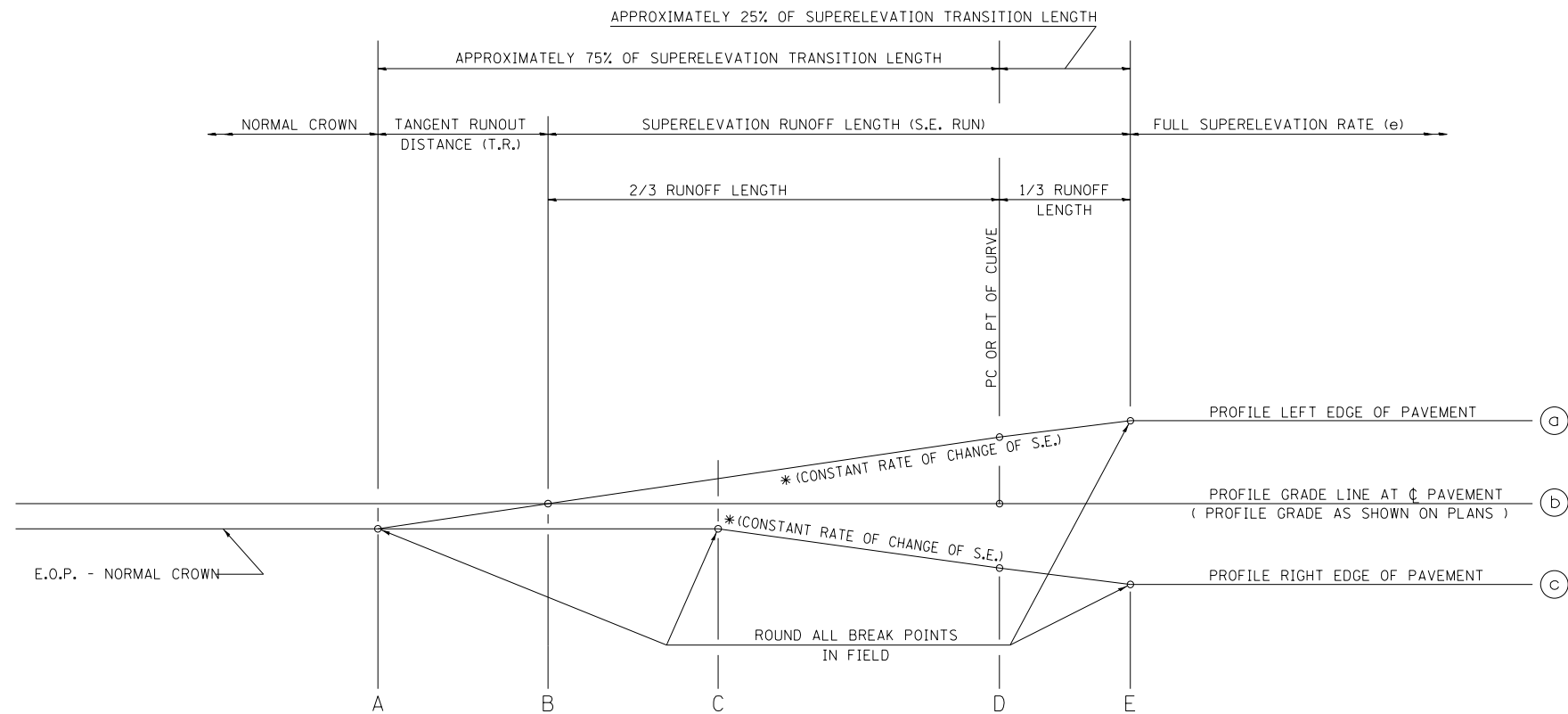
**SECTION X-X THRU MAILBOX TURNOUT  
COMBINED WITH EX BITUMINOUS CONC & PC CONC PE & CE**

( DETAIL APPLIES WHEN M.B. TURNOUT DOES NOT EXIST.  
IF EXISTING, TREAT SAME AS ENTRANCE. )

- NOTE 1 IF MORE THAN ONE MAILBOX IS PRESENT, DIMENSION FROM CENTER OF END MAILBOX.
- NOTE 2 FOR ENTRANCE LAYOUT DIMENSIONS AND SECTIONS A-A & E-E REFER TO THE SCHEDULES IN THE PLANS.
- NOTE 3 BOTH LT OR RT OFFSETS FOR MAILBOX SHOWN USE OFFSET DIMENSION PER SCHEDULE AND REFER TO LAYOUT SHOWN ON THE PLAN.

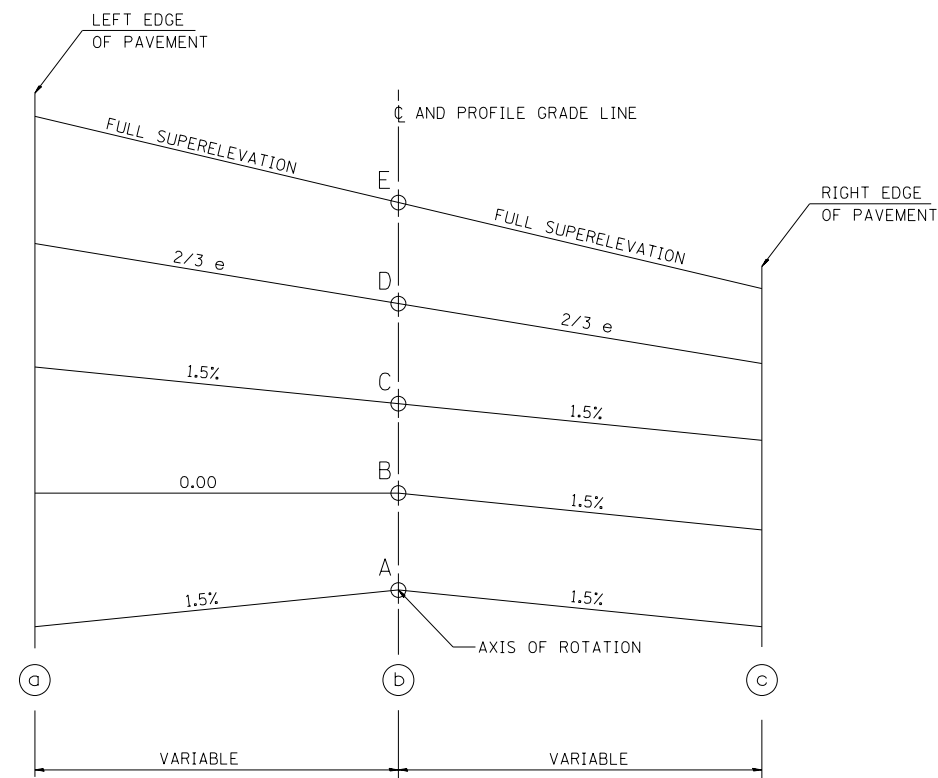
ALL DIMENSIONS ARE IN MILLIMETERS ( INCHES )  
UNLESS OTHERWISE SHOWN.

FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DIST. 6 DETAILS FOR RURAL/URBAN ENT., MAILBOX TURNOUT &amp; SIDEROADS W/O CONC. GUTTER (3P-PROJ.)</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -			325	14 RS-5	MACOUPIN	70	14	
		CHECKED -	REVISED -			CONTRACT NO. 72E47					
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
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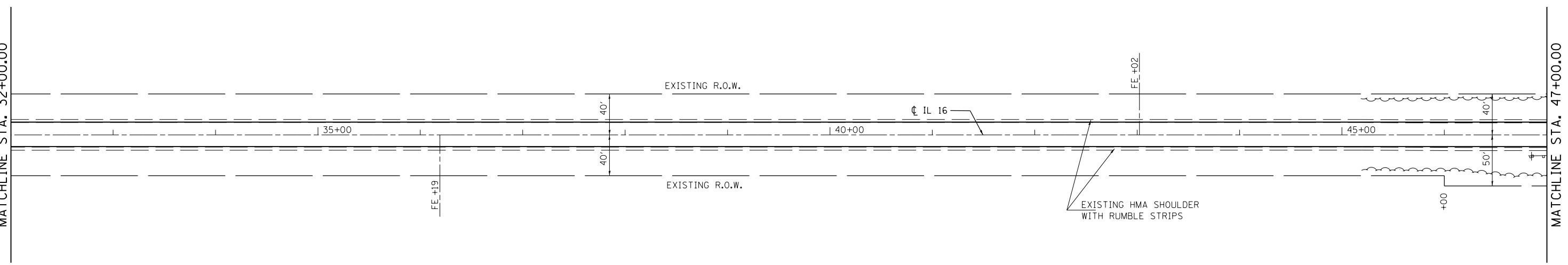
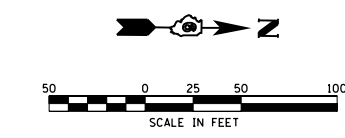
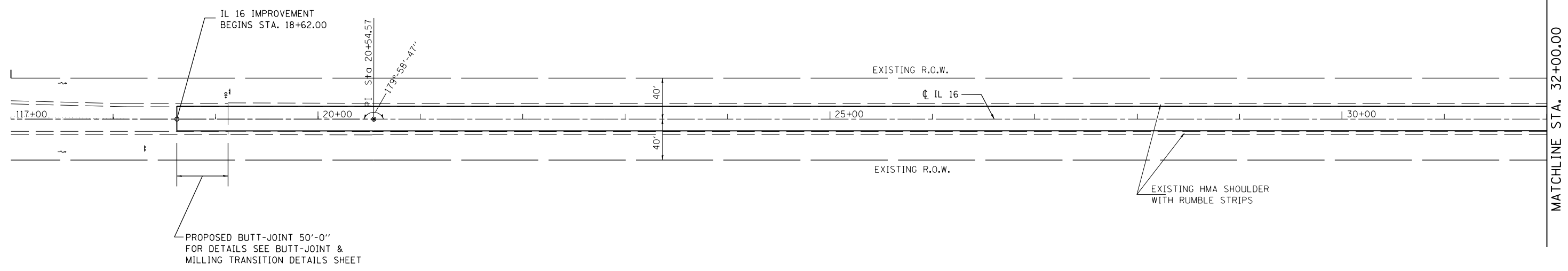
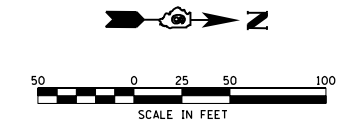
SEE PLANS FOR CURVE DATA INFORMATION  
 CURVE DATA  
 P.I. STA=  
 $\Delta$ =  
 R=  
 T=  
 L=  
 E=  
 e= SUPERELEVATION RATE IN PERCENT  
 T.R.= TANGENT RUNOUT DISTANCE  
 S.E. RUN= SUPERELEVATION RUNOFF LENGTH  
 P.C. STA=  
 P.T. STA=

TYPICAL PROFILE - S.E. TRANSITION



TYPICAL CROSS SECTION - S.E. TRANSITION

TABLE OF SUPERELEVATION BREAK POINT LOCATIONS							
CURVE NO.	e	A	B	C	D	E	TRANSITION
100	10.00%	50+95.44	51+41.44	51+87.44	53+05.44	53+87.44	TRANS. IN
		72+50.00	71+88.00	71+26.00	69+66.85	68+56.44	TRANS. OUT
103	NORMAL CROWN						TRANS. IN
							TRANS. OUT
105	NORMAL CROWN						TRANS. IN
							TRANS. OUT



FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -
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PLOT DATE = Nov-01-2011 04:18:43PM		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PLAN SHEET</b>			
SCALE:	SHEET NO. 1 OF 8 SHEETS	STA. 19+12.12 TO STA. 47+00	

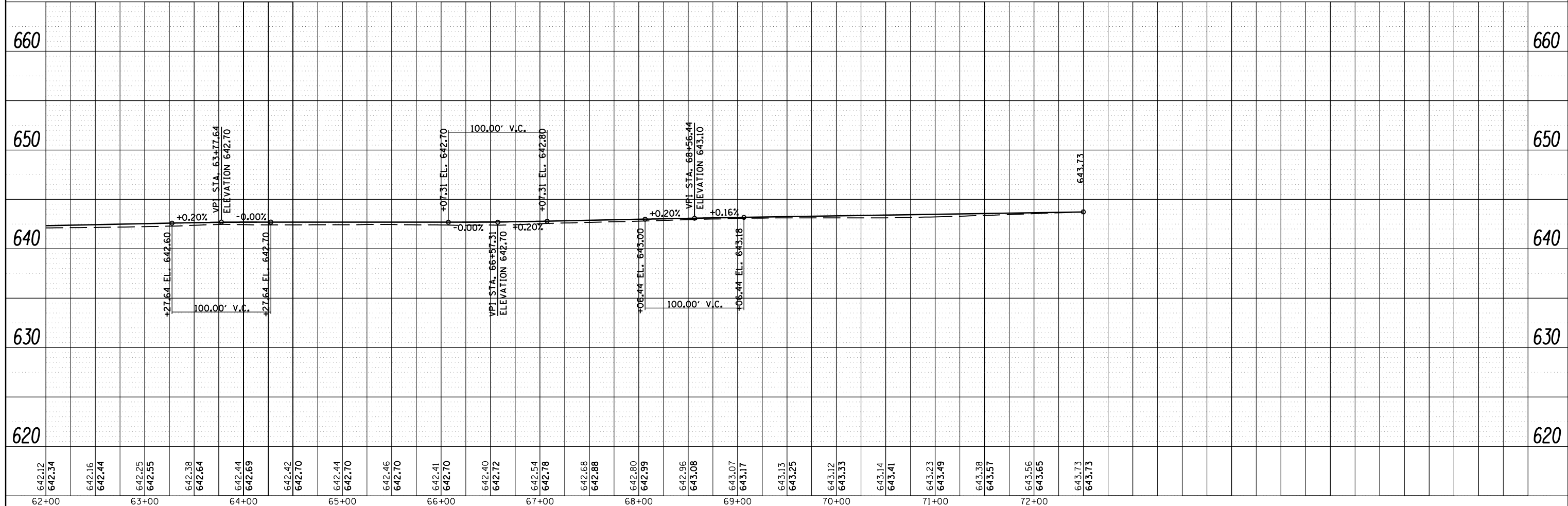
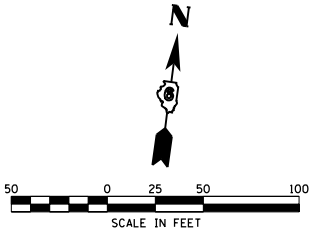
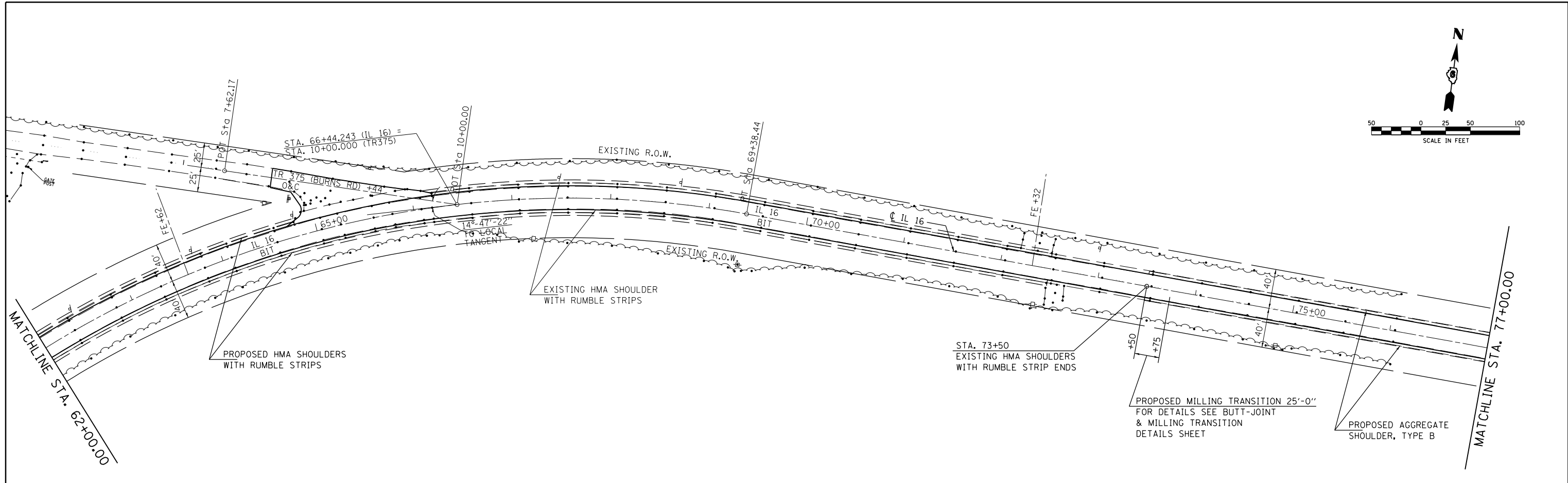
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325	14 RS-5	MACOUPIN	70	16
CONTRACT NO. 72E47			ILLINOIS FED. AID PROJECT	





PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNED		
	CHECKED		
	FILE NAME		
	NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES		
	CHECKED		
	STRUCTURE		
	NOTATIONS		
	CPWD		



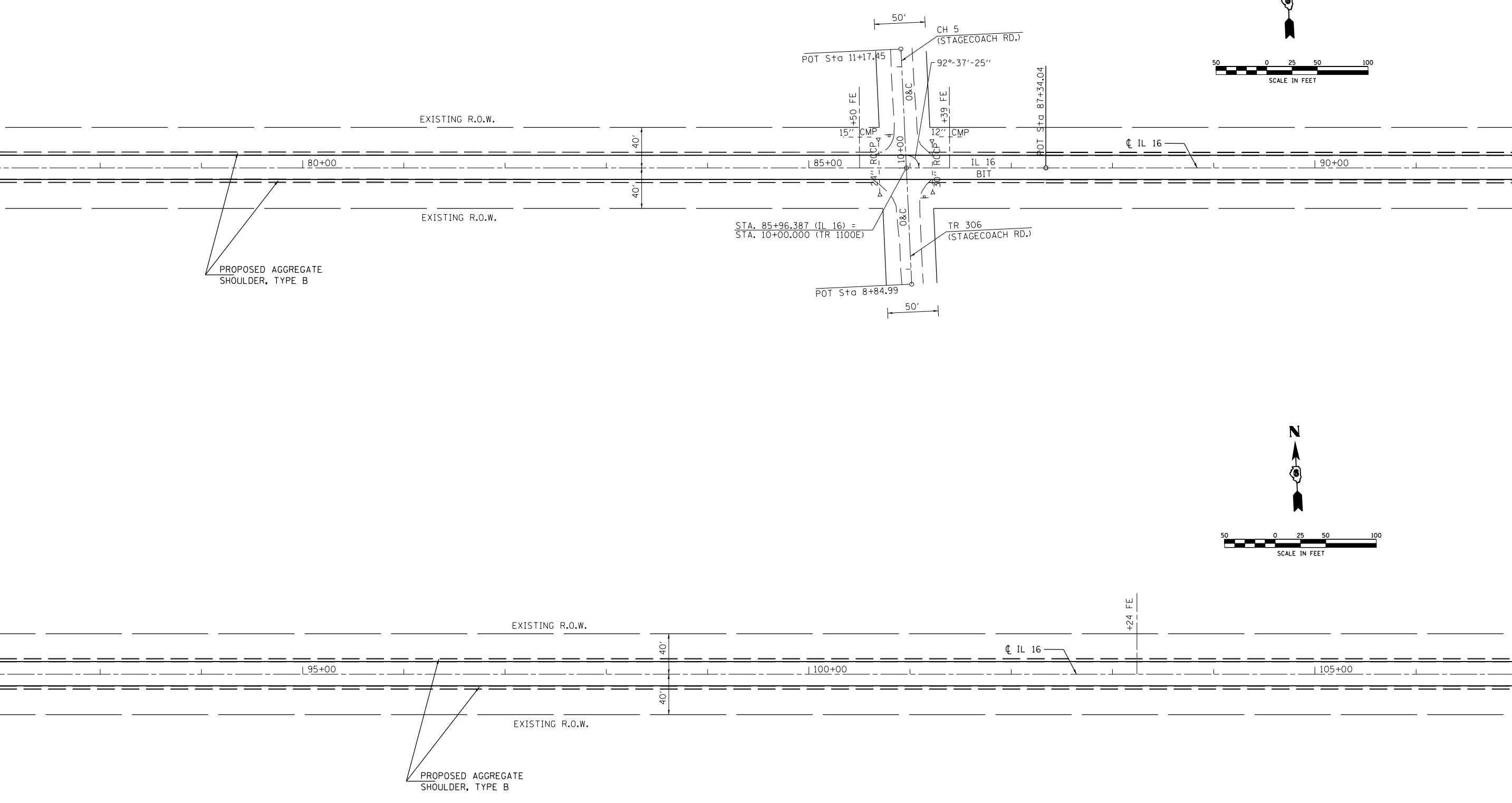
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PLOT SCALE = 100.0000' / 1"	CHECKED -	REVISED -	CONTRACT NO. 72E47							
PLOT DATE = Nov-14-2011 03:26:14PM	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							

MATCHLINE STA. 77+00.00

MATCHLINE STA. 92+00.00

MATCHLINE STA. 92+00.00

MATCHLINE STA. 107+00.00



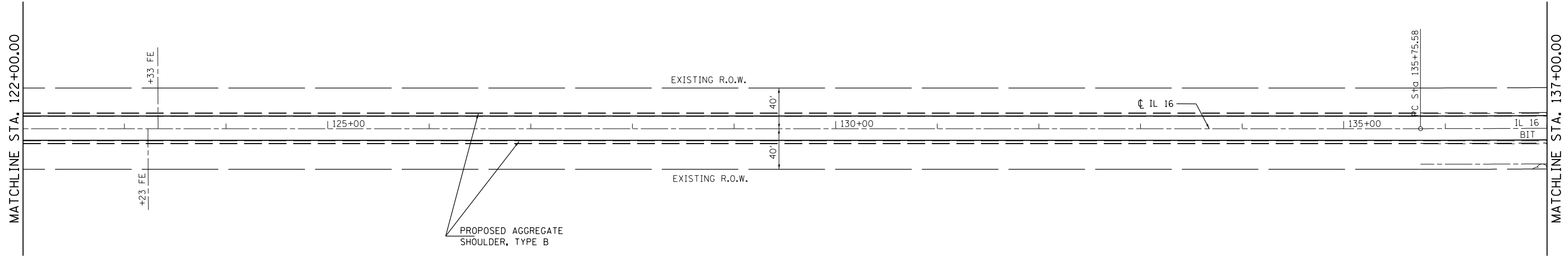
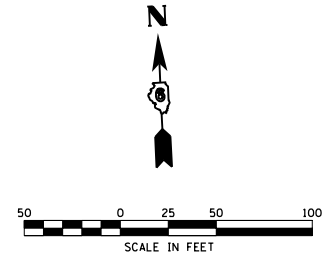
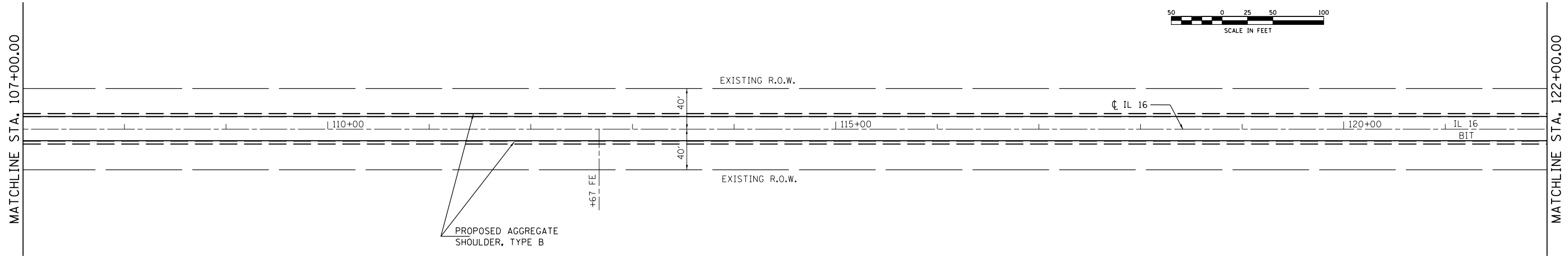
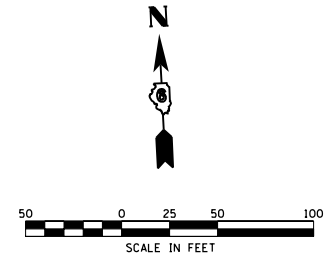
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PLOT DATE = Nov-01-2011 04:18:59PM		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET**

SCALE: SHEET NO. 3 OF 8 SHEETS STA. 77+00 TO STA. 107+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325	14 RS-5	MACOUPIN	70	19
CONTRACT NO. 72E47			ILLINOIS FED. AID PROJECT	



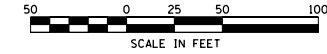
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PLOT SCALE = 100.0000' / in.		CHECKED -	REVISED -
PLOT DATE = Nov-01-2011 04:18:59PM		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

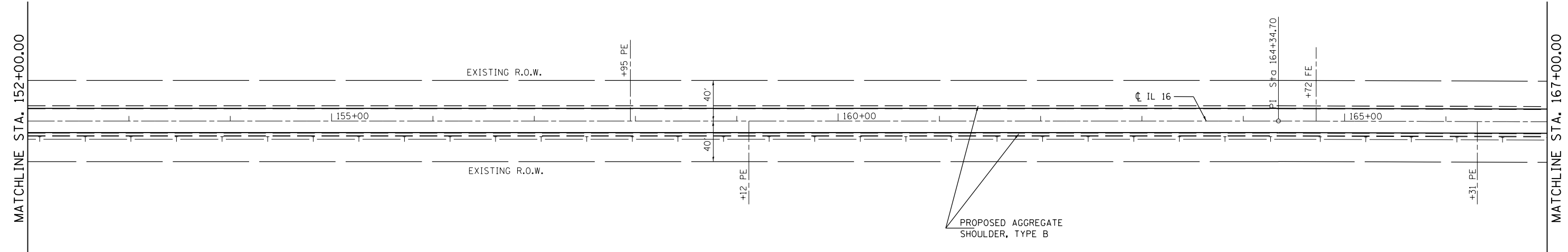
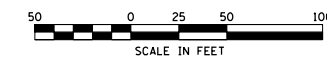
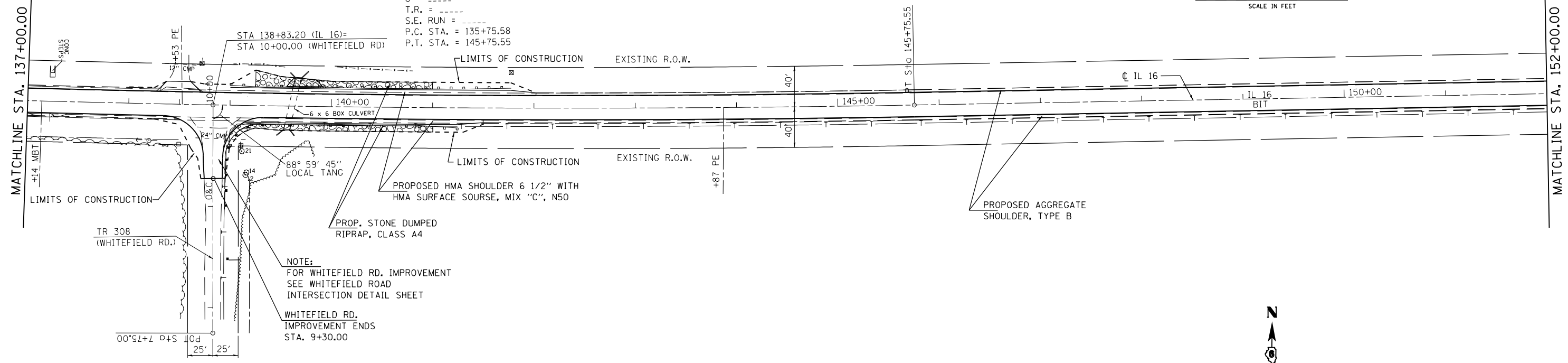
**PLAN SHEET**

SCALE: SHEET NO. 4 OF 8 SHEETS STA. 107+00 TO STA. 137+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325	14 RS-5	MACOUPIN	70	20
CONTRACT NO. 72E47			ILLINOIS FED. AID PROJECT	



EXIST. CURVE 103  
 PI STA. = 140+75.68  
 $\Delta = 3^\circ 00' 00''$  (LT)  
 $D = 0^\circ 18' 00''$   
 $R = 19,098.05'$   
 $T = 500.10'$   
 $L = 999.97'$   
 $E = 6.55'$   
 $e = \text{---}$   
 $T.R. = \text{---}$   
 $S.E. \text{ RUN} = \text{---}$   
 $P.C. \text{ STA.} = 135+75.58$   
 $P.T. \text{ STA.} = 145+75.55$



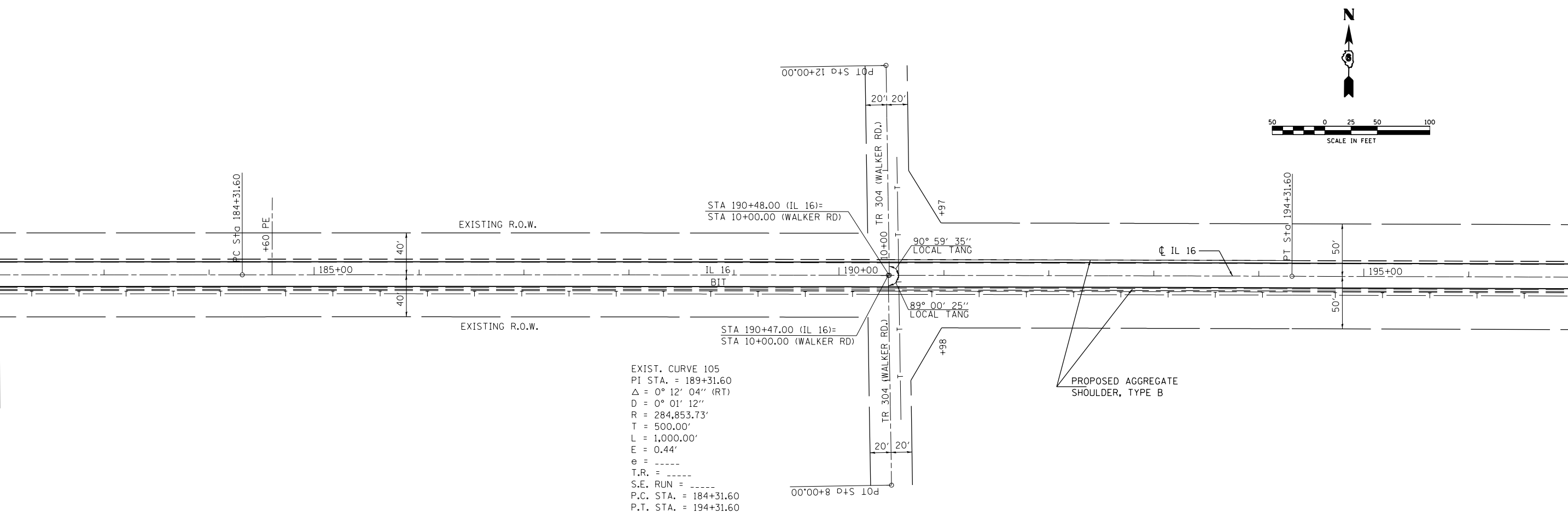
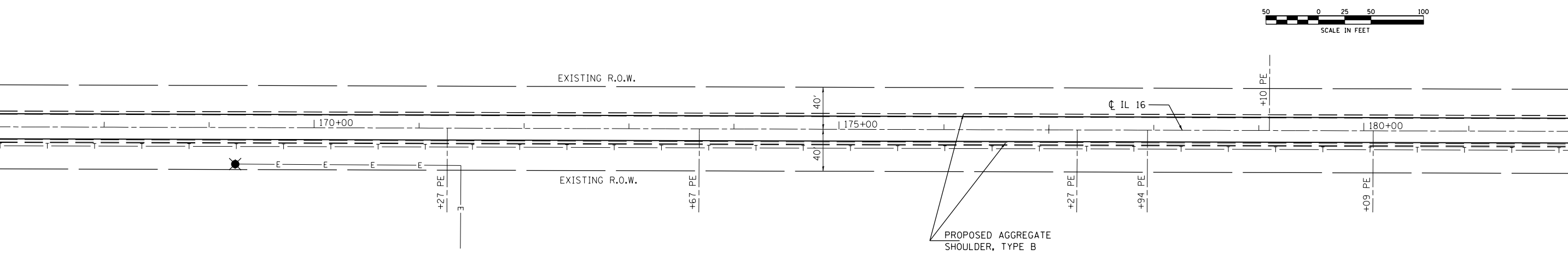
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ei:\pw_work\pwidot\sparksgw\10264305\067	PE47-sht-plan.dgn	DRAWN -	REVISED -			325	14 RS-5	MACOUPIN	70	21	
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	PLOT DATE = Nov-01-2011 04:19:00PM	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
					SCALE:	SHEET NO. 5 OF 8 SHEETS		STA. 137+00 TO STA. 167+00			

MATCHLINE STA. 167+00.00

MATCHLINE STA. 182+00.00

MATCHLINE STA. 182+00.00

MATCHLINE STA. 197+00.00



EXIST. CURVE 105  
 PI STA. = 189+31.60  
 $\Delta$  = 0° 12' 04" (RT)  
 D = 0° 01' 12"  
 R = 284,853.73'  
 T = 500.00'  
 L = 1,000.00'  
 E = 0.44'  
 e = ----  
 T.R. = ----  
 S.E. RUN = ----  
 P.C. STA. = 184+31.60  
 P.T. STA. = 194+31.60

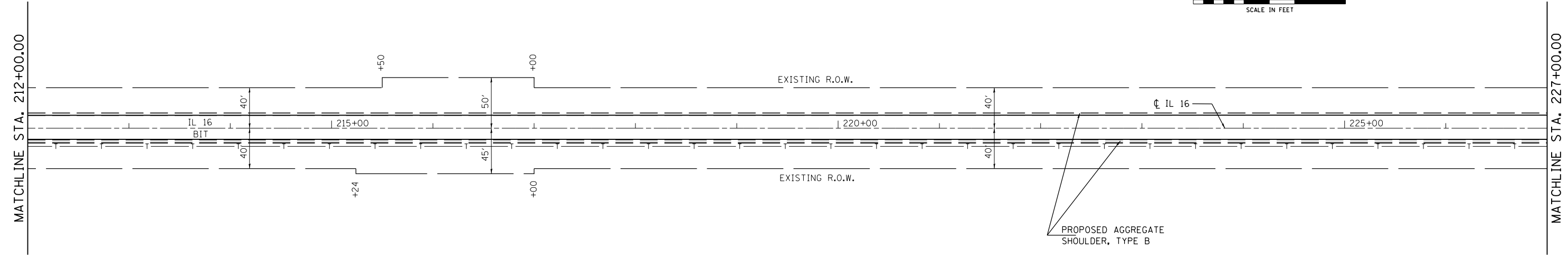
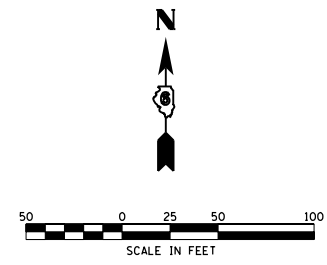
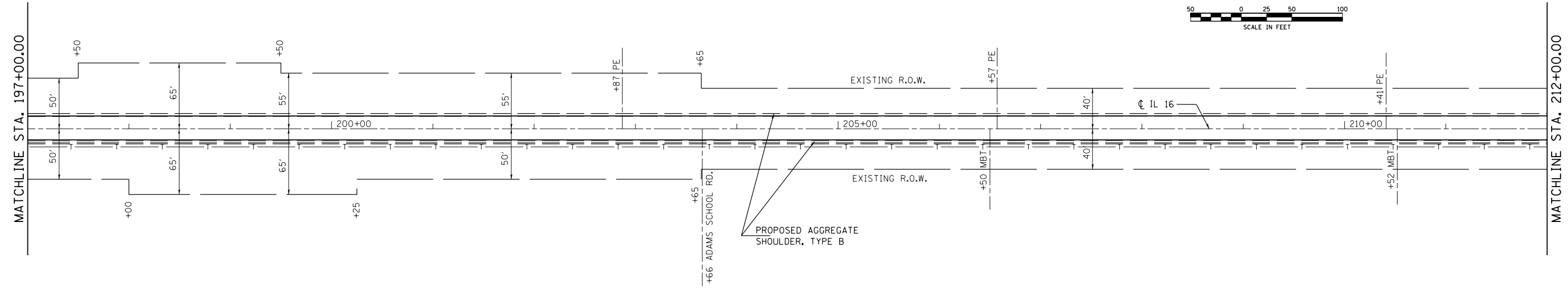
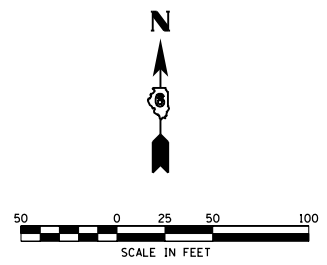
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PLOT SCALE = 100.0000' / in.		CHECKED -	REVISED -
PLOT DATE = Nov-01-2011 04:19:00PM		DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET**

SCALE: SHEET NO. 6 OF 8 SHEETS STA. 167+00 TO STA. 197+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325	14 RS-5	MACOUPIN	70	22
CONTRACT NO. 72E47			ILLINOIS FED. AID PROJECT	



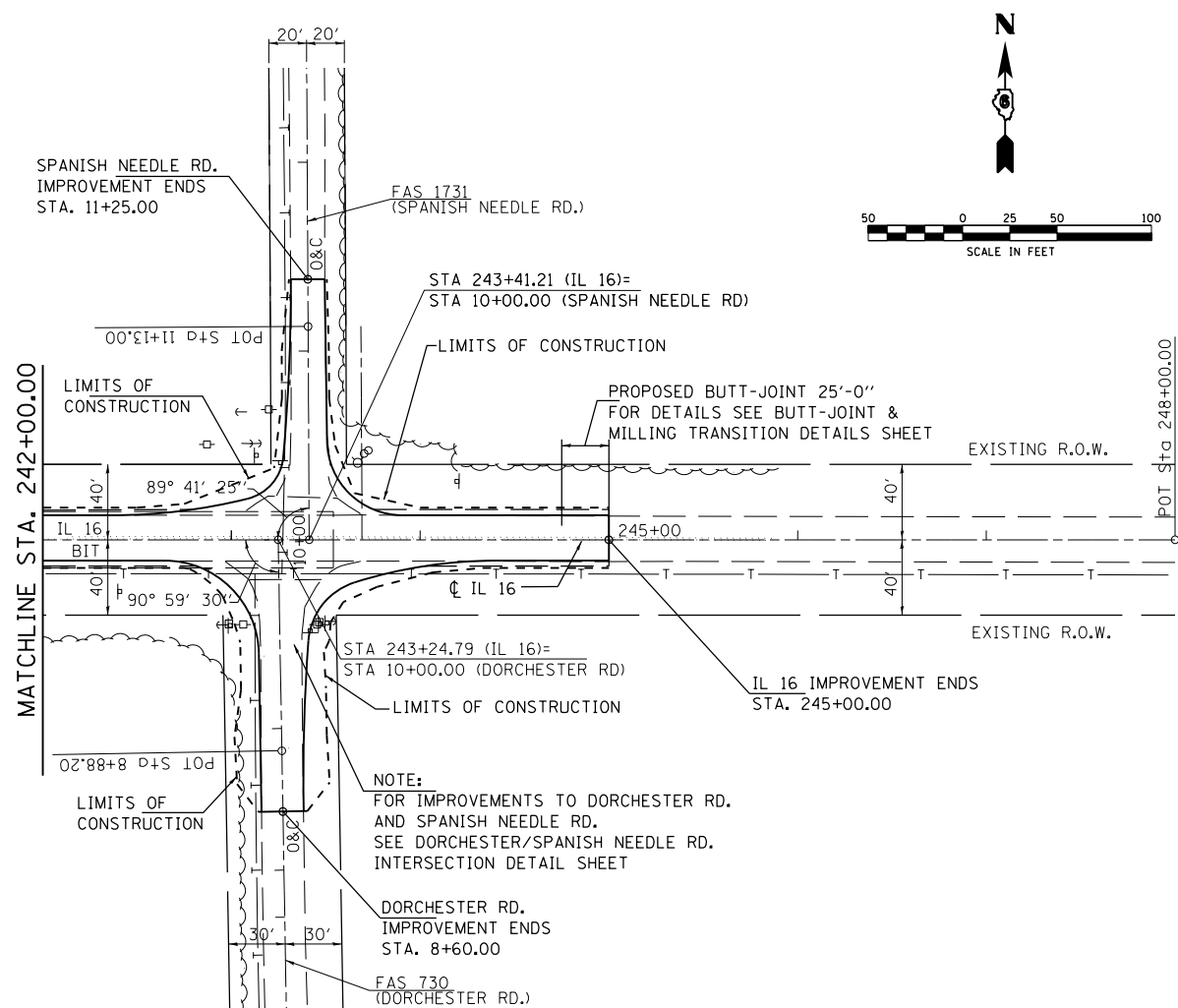
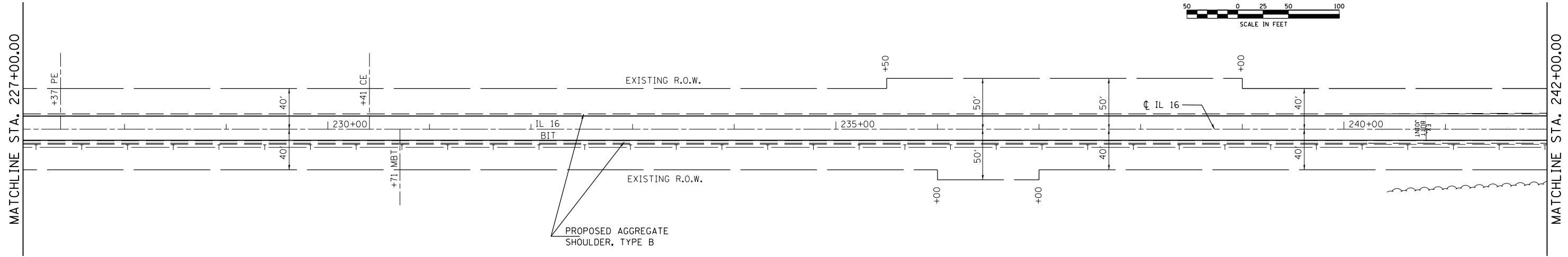
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	PLOT DATE = Nov-01-2011 04:19:00PM	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET**

SCALE: SHEET NO. 7 OF 8 SHEETS STA. 197+00 TO STA. 227+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325	14 RS-5	MACOUPIN	70	23
CONTRACT NO. 72E47			ILLINOIS FED. AID PROJECT	



FILE NAME =	USER NAME = sparksq	DESIGNED -	REVISED -
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	PLOT DATE = Nov-01-2011 04:19:21PM	DATE -	REVISED -

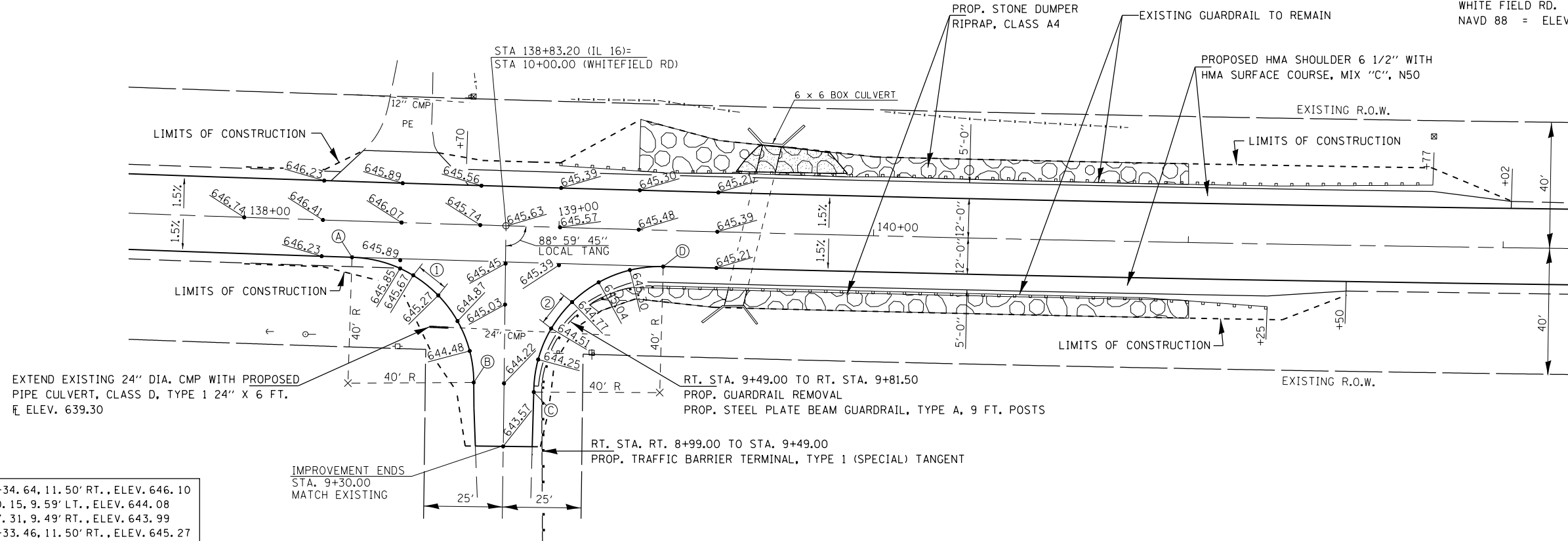
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PLAN SHEET</b>			
SCALE:	SHEET NO. 8 OF 8 SHEETS	STA. 227+00	TO STA. 243+54.03

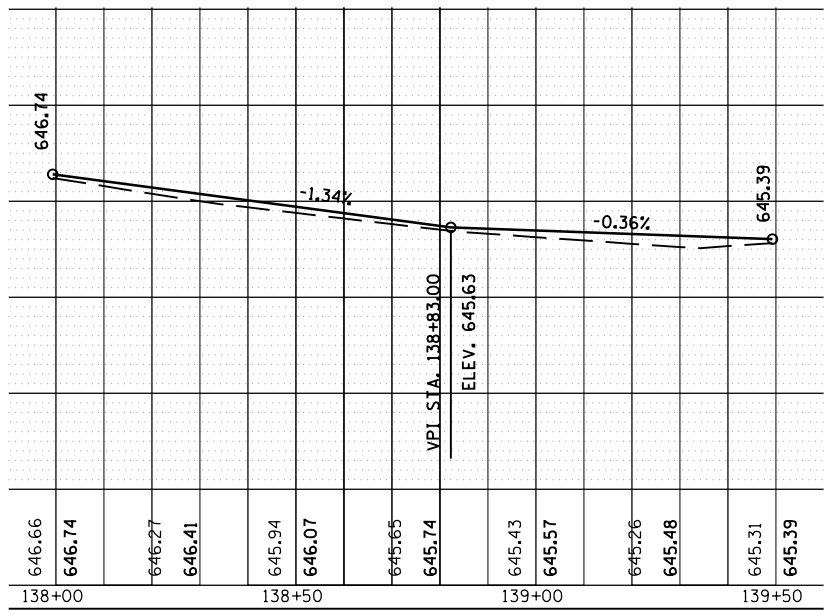
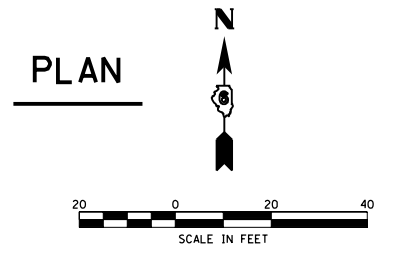
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325	14 RS-5	MACOUPIN	70	24
CONTRACT NO. 72E47			ILLINOIS FED. AID PROJECT	



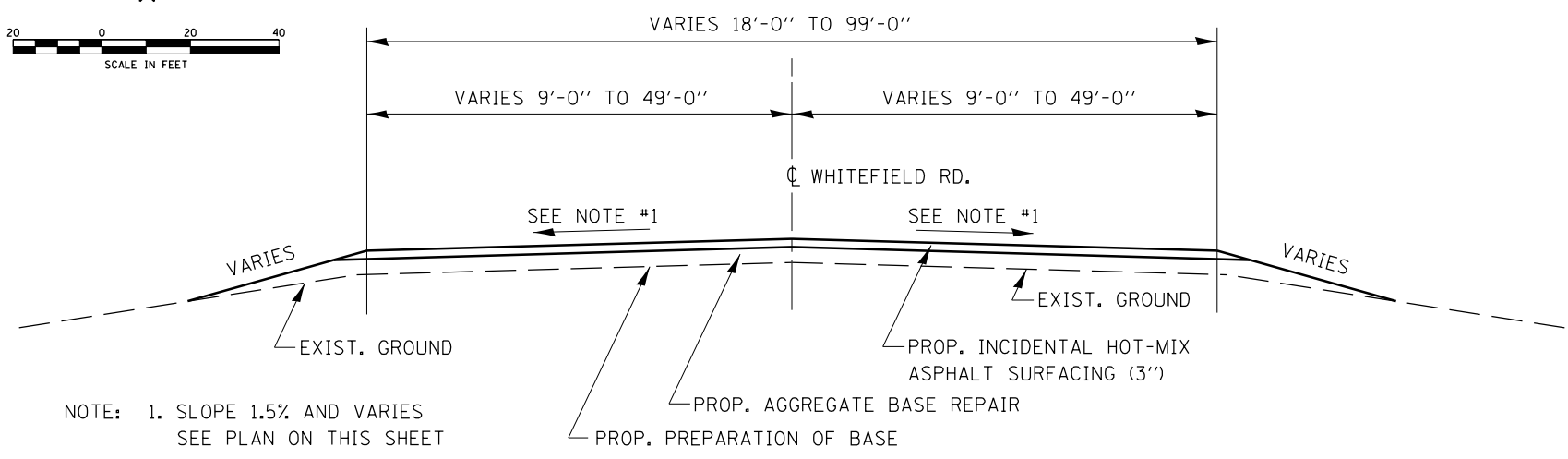
B.M. #17B: CHSLD. "□" IN CENTER OF NORTH HEADWALL OF 24" RCP UNDER IL 16, 195' WEST OF INTERSECTION OF IL 16 & WHITE FIELD RD. STA. 136+51.50 @ 19.9' LT NAVD 88 = ELEV. 649.024



- (A) STA. 138+34.64, 11.50' RT., ELEV. 646.10
- (B) STA. 9+50.15, 9.59' LT., ELEV. 644.08
- (C) STA. 9+47.31, 9.49' RT., ELEV. 643.99
- (D) STA. 139+33.46, 11.50' RT., ELEV. 645.27
- (L) 10.21' (TYP)
- (2) 10.71' (TYP)



**IL 16 PROPOSED PROFILE**

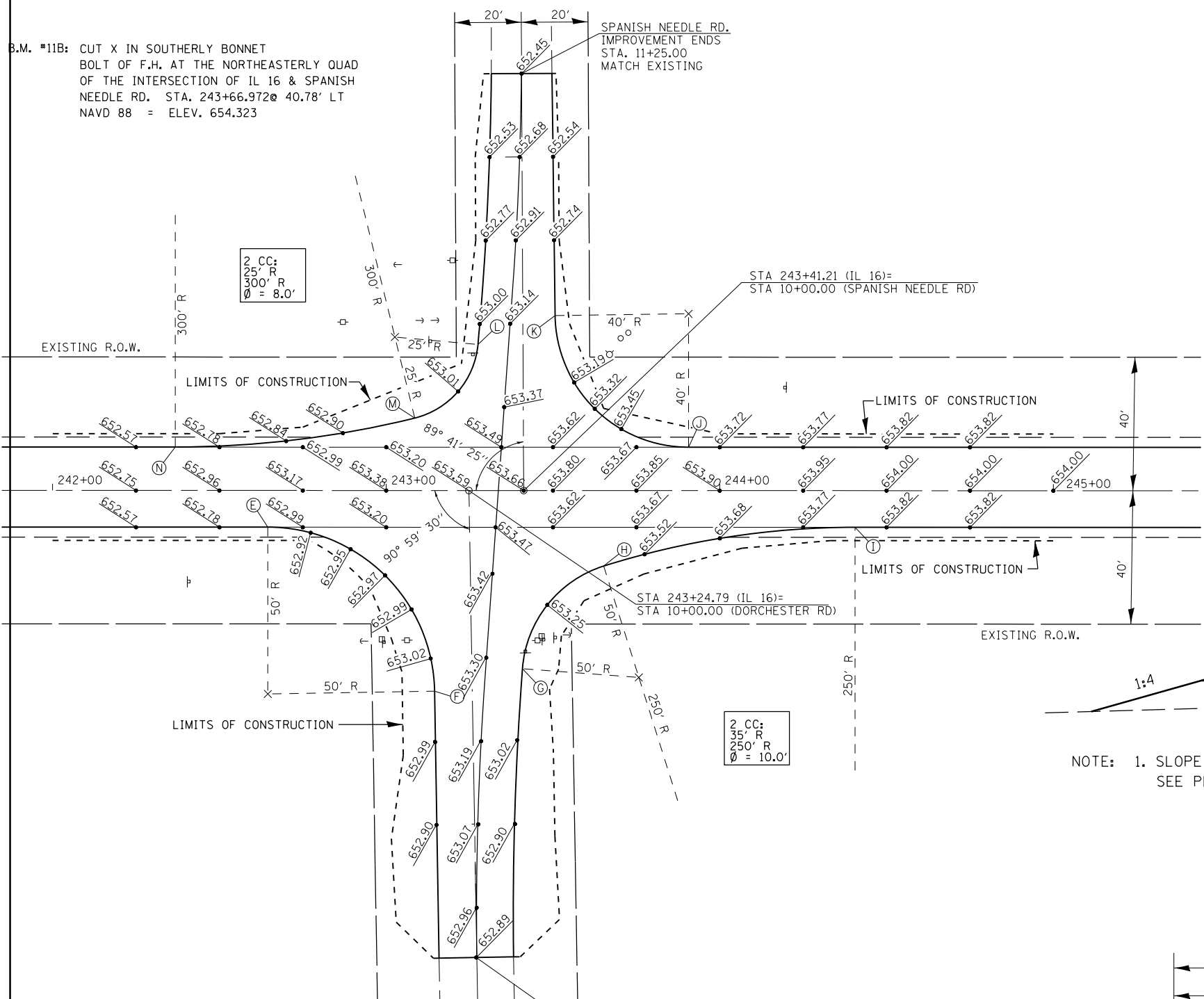


**TYPICAL SECTION  
WHITEFIELD RD.**

STA. 9+30.00 TO STA. 9+88.00

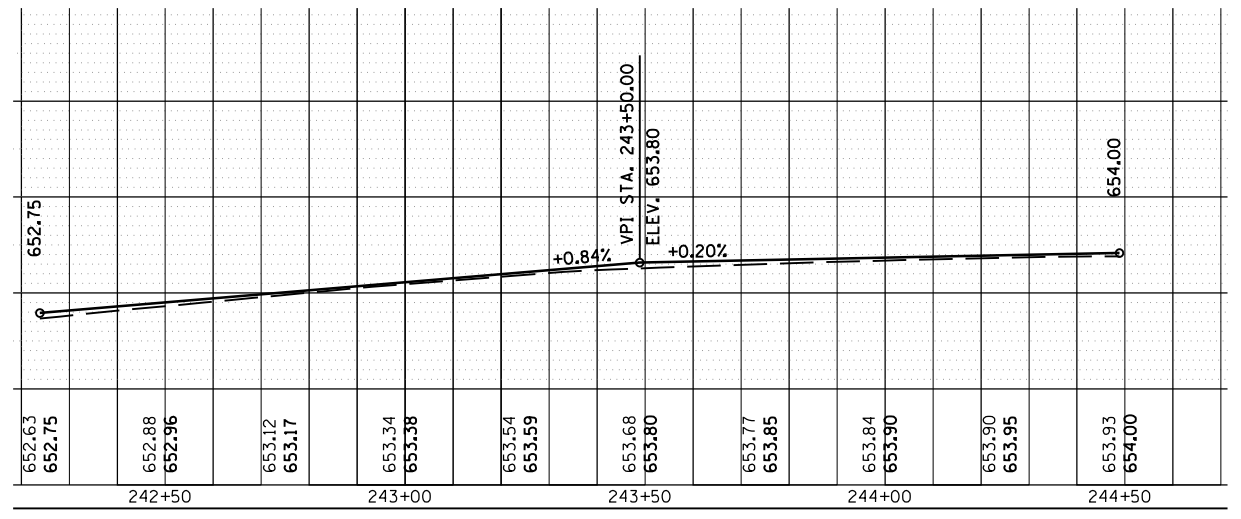
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PLOT DATE = Nov-01-2011 04:19:27PM	DATE -	CHECKED -	REVISED -					CONTRACT NO. 72E47				
		SCALE:	SHEET NO. OF SHEETS					STA. TO STA.	ILLINOIS FED. AID PROJECT			

B.M. \*11B: CUT X IN SOUTHERLY BONNET  
 BOLT OF F.H. AT THE NORTHEASTERLY QUAD  
 OF THE INTERSECTION OF IL 16 & SPANISH  
 NEEDLE RD. STA. 243+66.972 @ 40.78' LT  
 NAVD 88 = ELEV. 654.323

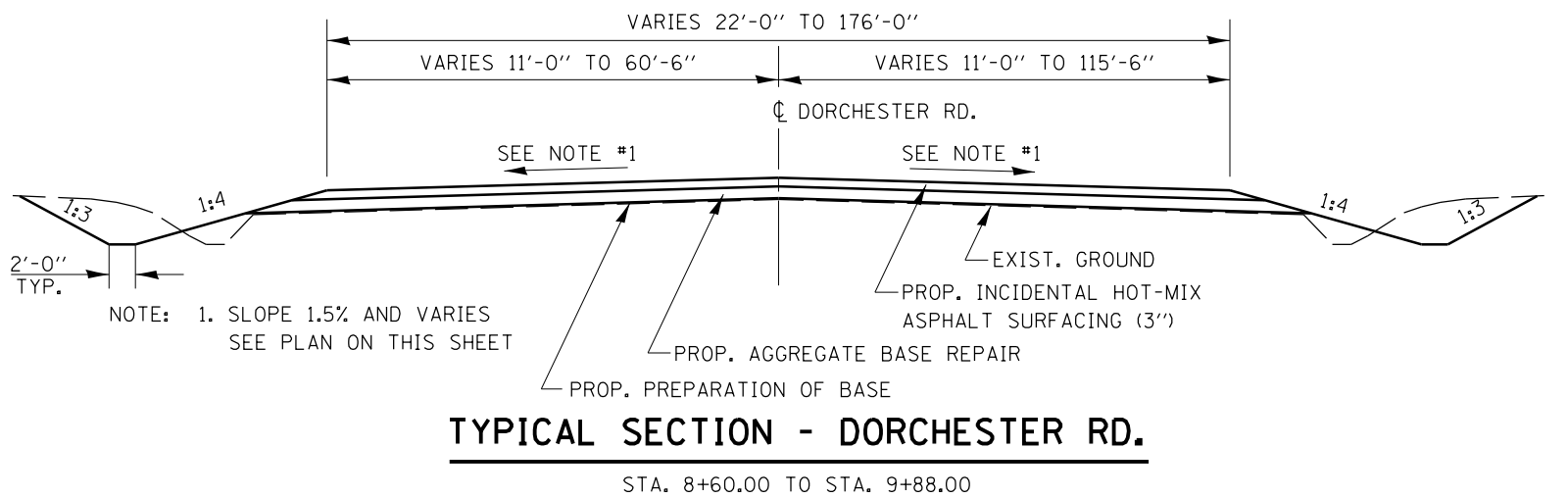
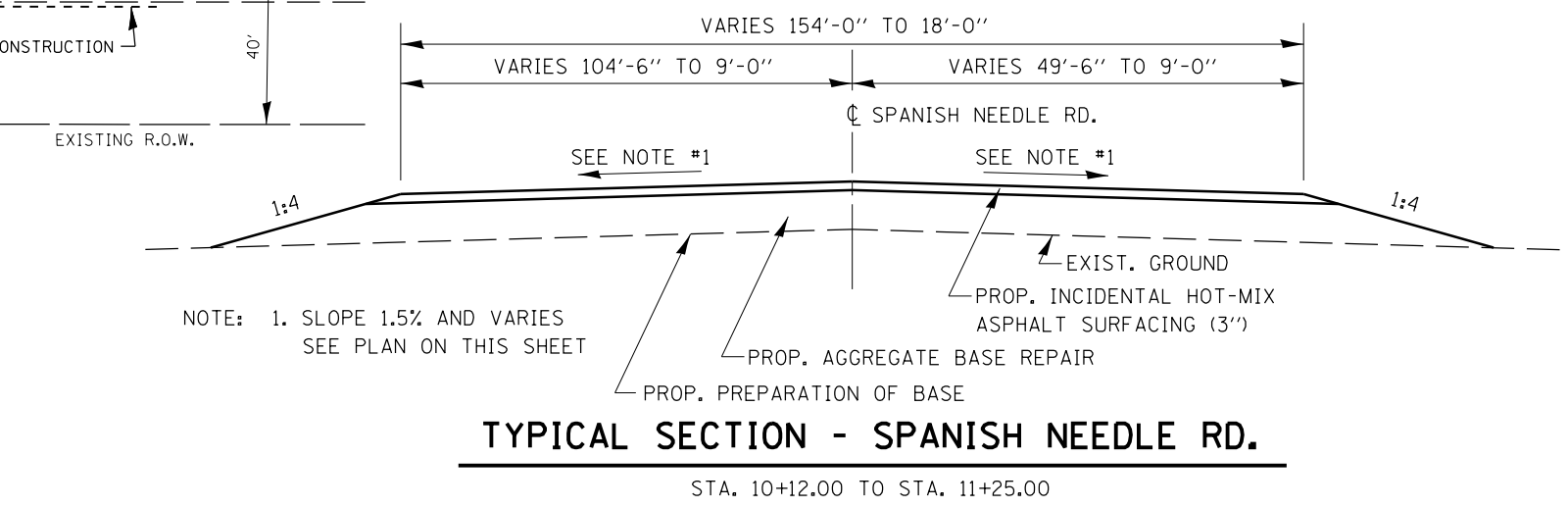


- Ⓔ STA. 242+64.52, 11.00' RT., ELEV. 652.90
- Ⓛ STA. 9+40.05, 11.32' LT., ELEV. 653.04
- Ⓜ STA. 9+46.32, 15.13' RT., ELEV. 653.12
- Ⓝ STA. 243+65.20, 22.63' RT., ELEV. 653.39
- Ⓟ STA. 244+40.56, 11.00' RT., ELEV. 653.80
- Ⓠ STA. 243+90.61, 13.00' LT., ELEV. 653.70
- Ⓡ STA. 10+52.41, 9.69' RT., ELEV. 652.94
- Ⓢ STA. 10+43.83, 13.49' LT., ELEV. 653.06
- Ⓣ STA. 243+08.57, 21.73' LT., ELEV. 652.96
- Ⓤ STA. 242+36.74, 13.00' LT., ELEV. 652.67

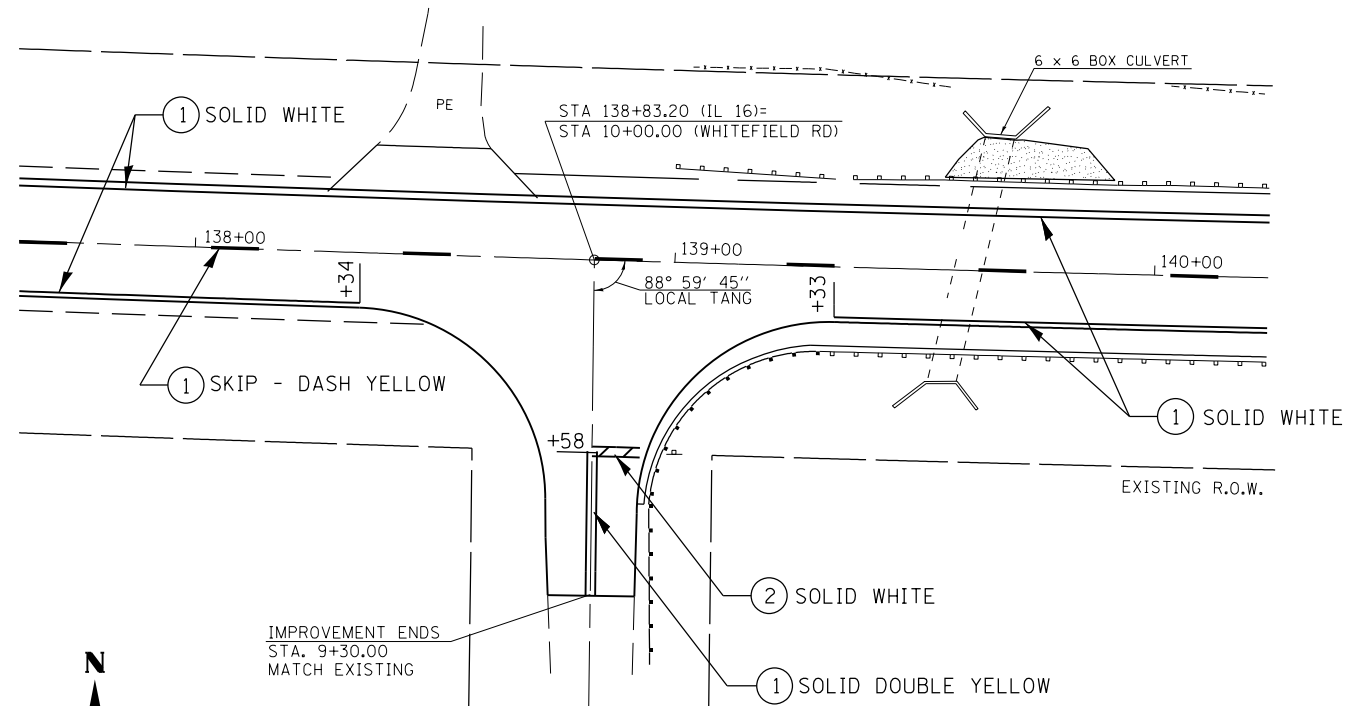
PLAN



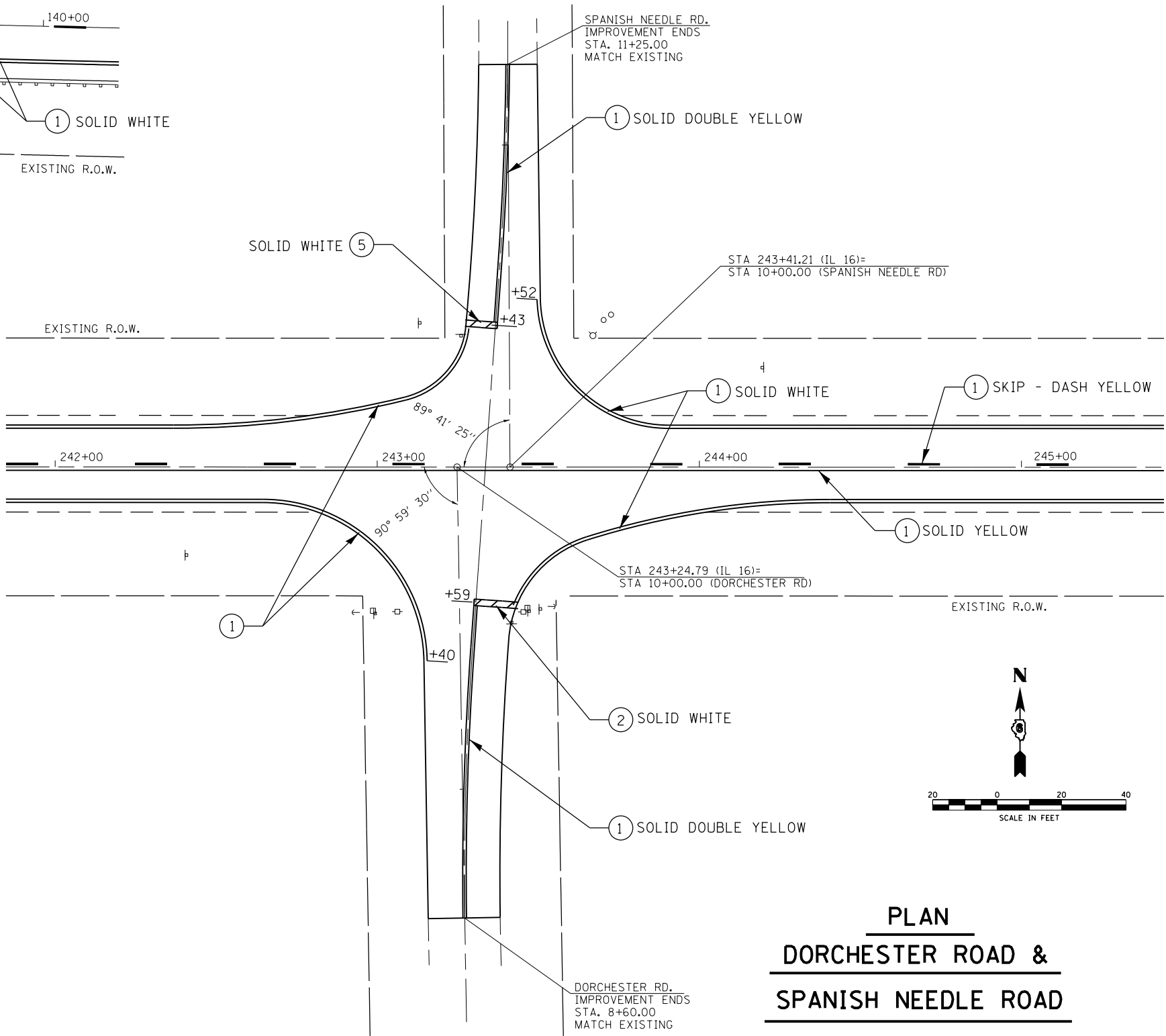
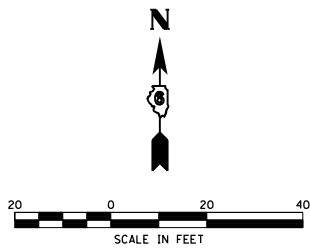
PROFILE IL 16



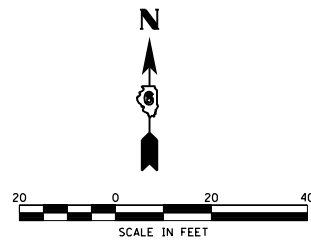
FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DORCHESTER /SPANISH NEEDLE RD INTERSECTION DETAIL</b>			F.A.P. R.T.E. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ei:\pw\work\p\idot\sparksgw\10264305\0672E47-sht-details.dgn		DRAWN -	REVISED -					325	14 RS-5	MACOUPIN	70	26
PLOT SCALE = 40.0000' / in.		CHECKED -	REVISED -					CONTRACT NO. 72E47				
PLOT DATE = Nov-01-2011 04:19:32PM		DATE -	REVISED -					ILLINOIS FED. AID PROJECT				
				SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.				



**PLAN  
WHITEFIELD ROAD**



**PLAN  
DORCHESTER ROAD &  
SPANISH NEEDLE ROAD**



**LEGEND**

- (1) PAINT PAVEMENT MARKING LINE 5"
- (2) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID LINE 24"

FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -
c:\pwork\pwork\sparksgw\0264305\0672E47-sht-details.dgn		DRAWN -	REVISED -
PLOT SCALE = 40.0000' / in.		CHECKED -	REVISED -
PLOT DATE = Nov-01-2011 04:19:44PM		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

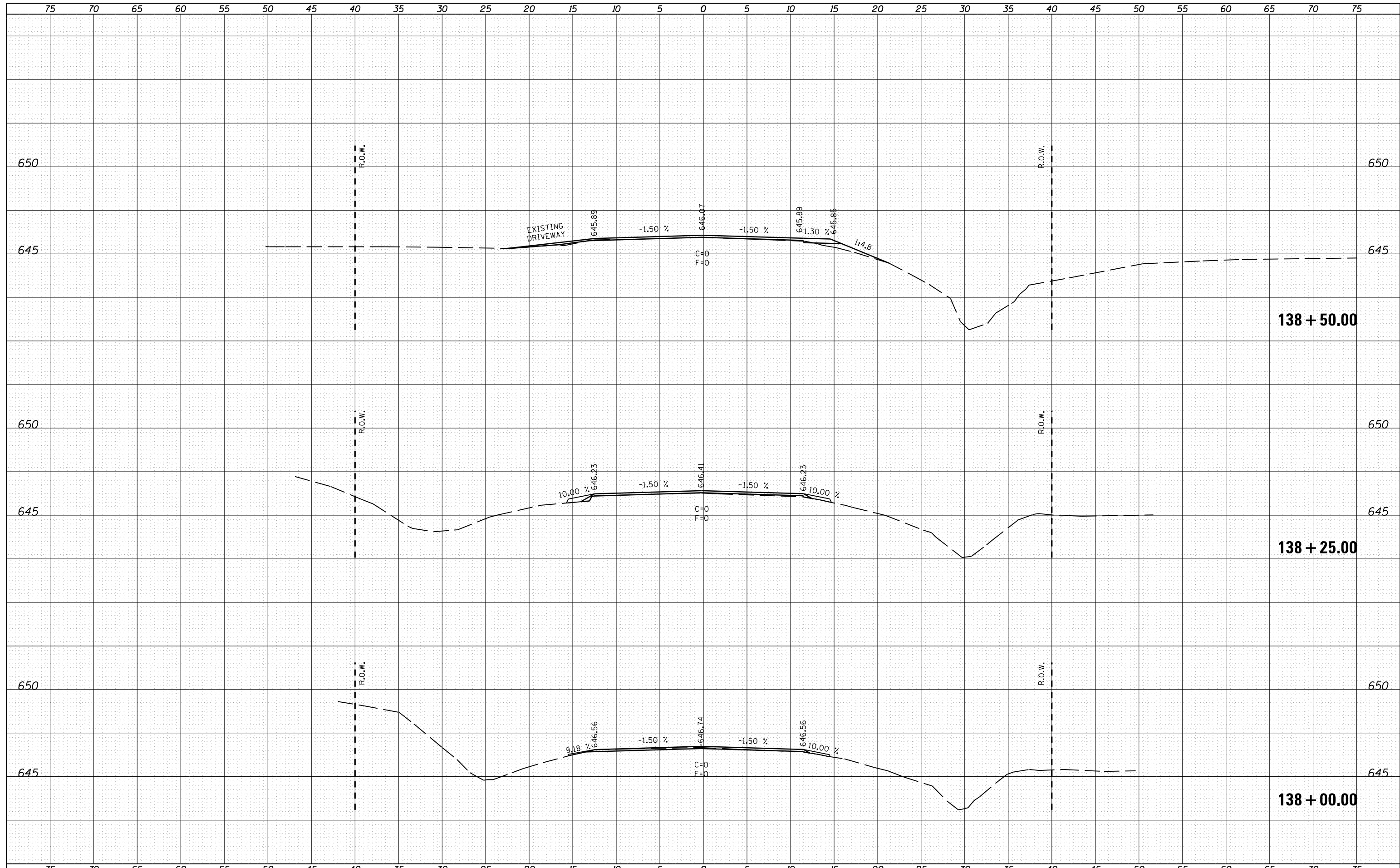
**WHITEFIELD RD. & DORCHESTER /SPANISH NEEDLE RD.  
PAVEMENT MARKING DETAIL**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325	14 RS-5	MACOUPIN	70	27
CONTRACT NO. 72E47			ILLINOIS FED. AID PROJECT	

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

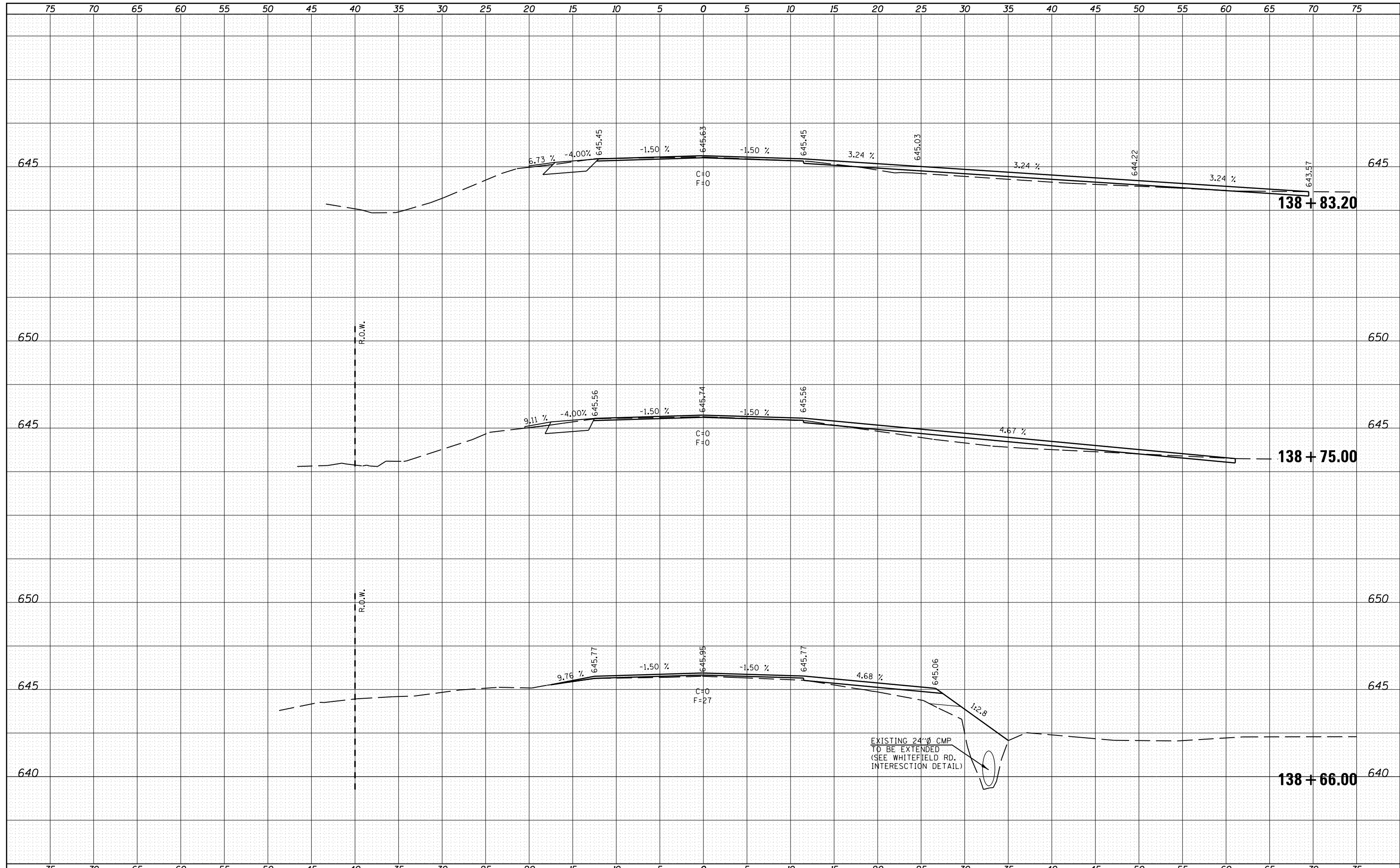
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	



FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
c:\pwork\pwork\sparksgw\0264305\0672E47-sh	IL16WHITEFIELD.dgn	DRAWN -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA. 138+00.00	TO STA. 138+50.00	325	14 RS-5	MACOUPIN	70	28
		CHECKED -	REVISED -										CONTRACT NO.	72E47	
		DATE -	REVISED -										ILLINOIS FED. AID PROJECT		

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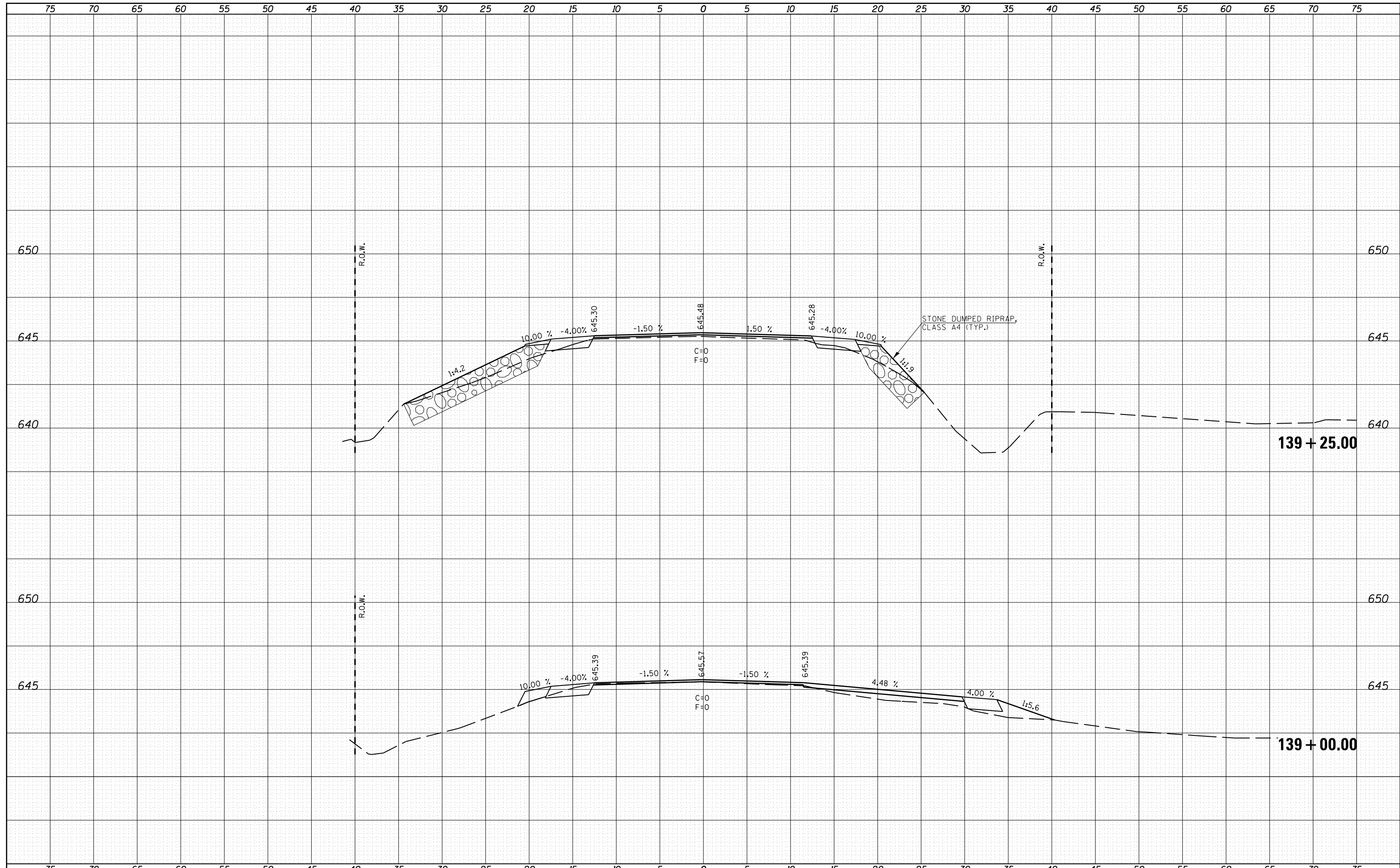
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BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	



FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISIED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS IL 16</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
c:\pw\work\p\dot\sparksgw\d0264305\0672E47-sh	IL16WHITEFIELD.dgn	DRAWN -	REVISIED -		SCALE:	SHEET	OF	SHEETS	STA. 138+66.00	TO STA. 138+83.20	325	14 RS-5	MACOUPIN	70 29
	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISIED -										CONTRACT NO.	72E47
	PLOT DATE = Nov-01-2011 04:19:52PM	DATE -	REVISIED -										ILLINOIS FED. AID PROJECT	

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

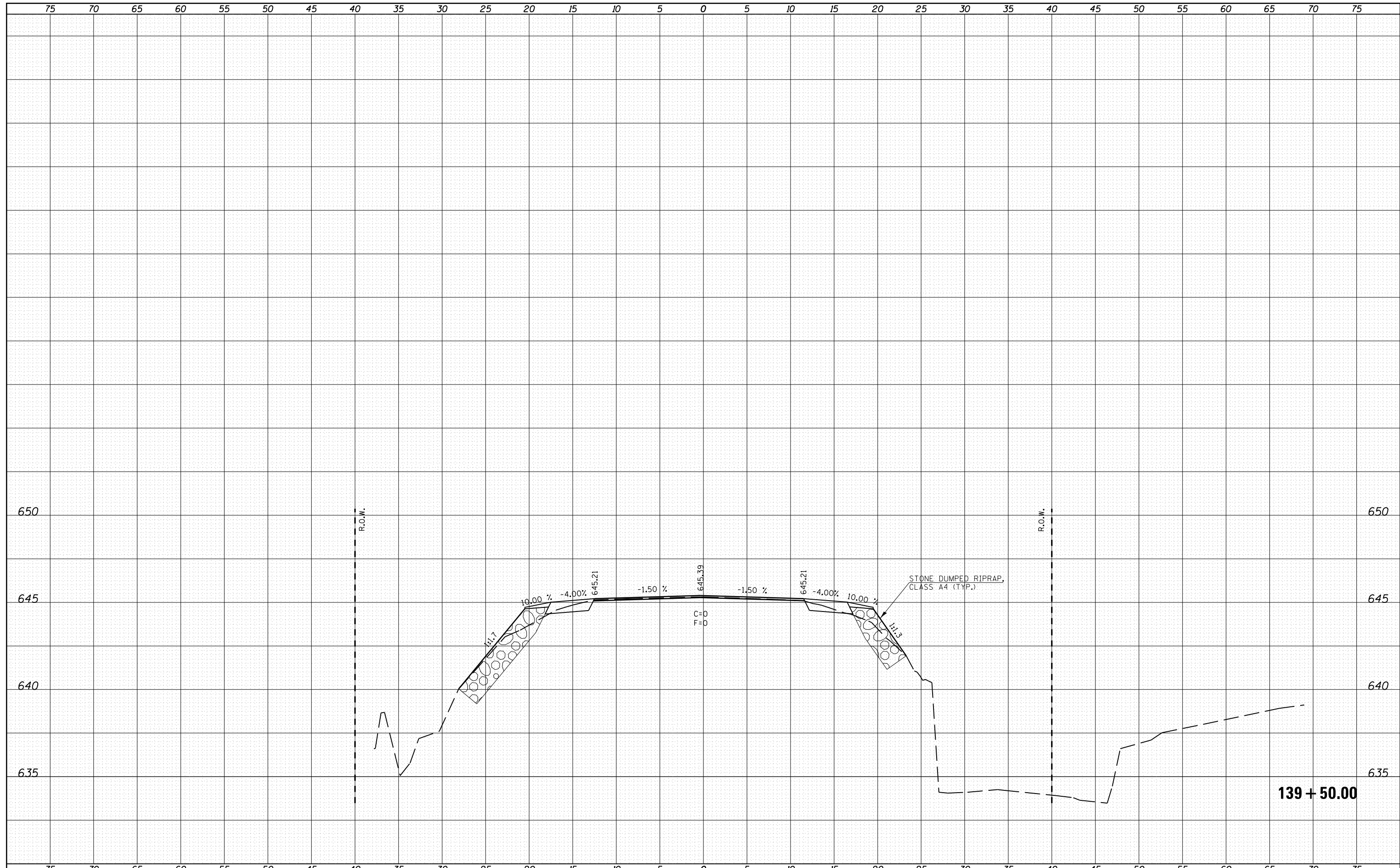
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BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	



FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS</b> <b>IL 16</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw\work\p\dot\sparksgw\d0264305\0672E47-sh	IL16WHITEFIELD.dgn	DRAWN -	REVISED -					325	14 RS-5	MACOUPIN	70	30
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -	SCALE:		SHEET	OF	SHEETS	STA. 139+00.00	TO STA. 139+25.00	ILLINOIS FED. AID PROJECT		
PLOT DATE = Nov-01-2011 04:19:52PM	DATE -	REVISED -	CONTRACT NO. 72E47									

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



FILE NAME = c:\pwork\pwork\spksgw\d0264305\0672E47-sh

USER NAME = spksgw  
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

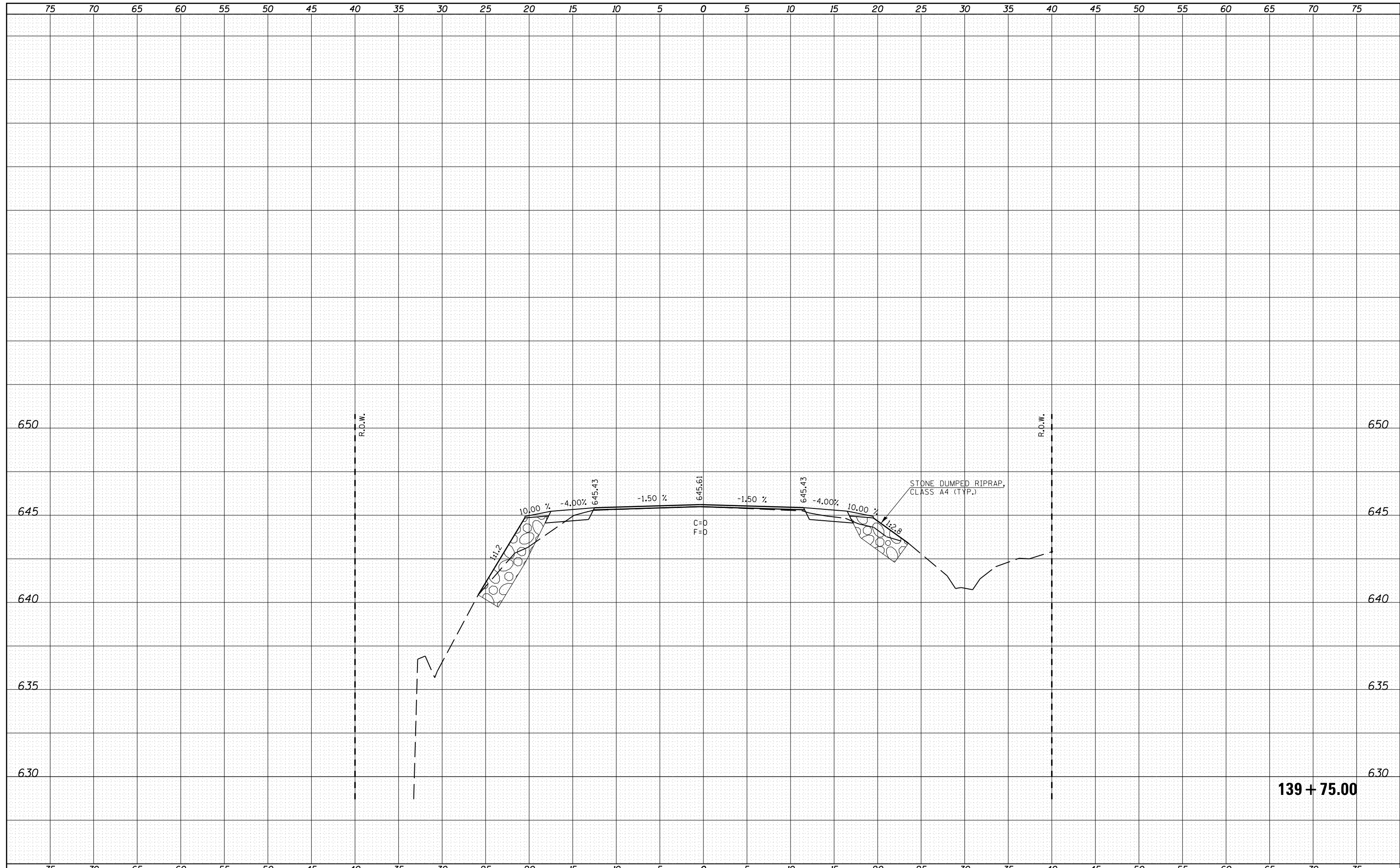
**CROSS SECTIONS  
 IL 16**

SCALE: SHEET OF SHEETS STA. 139+50.00 TO STA. 139+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325	14 RS-5	MACOUPIN	70	31
CONTRACT NO. 72E47			ILLINOIS FED. AID PROJECT	

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

DATE	
BY	
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AREAS	
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ORIGINAL SURVEY	
NOTE BOOK	
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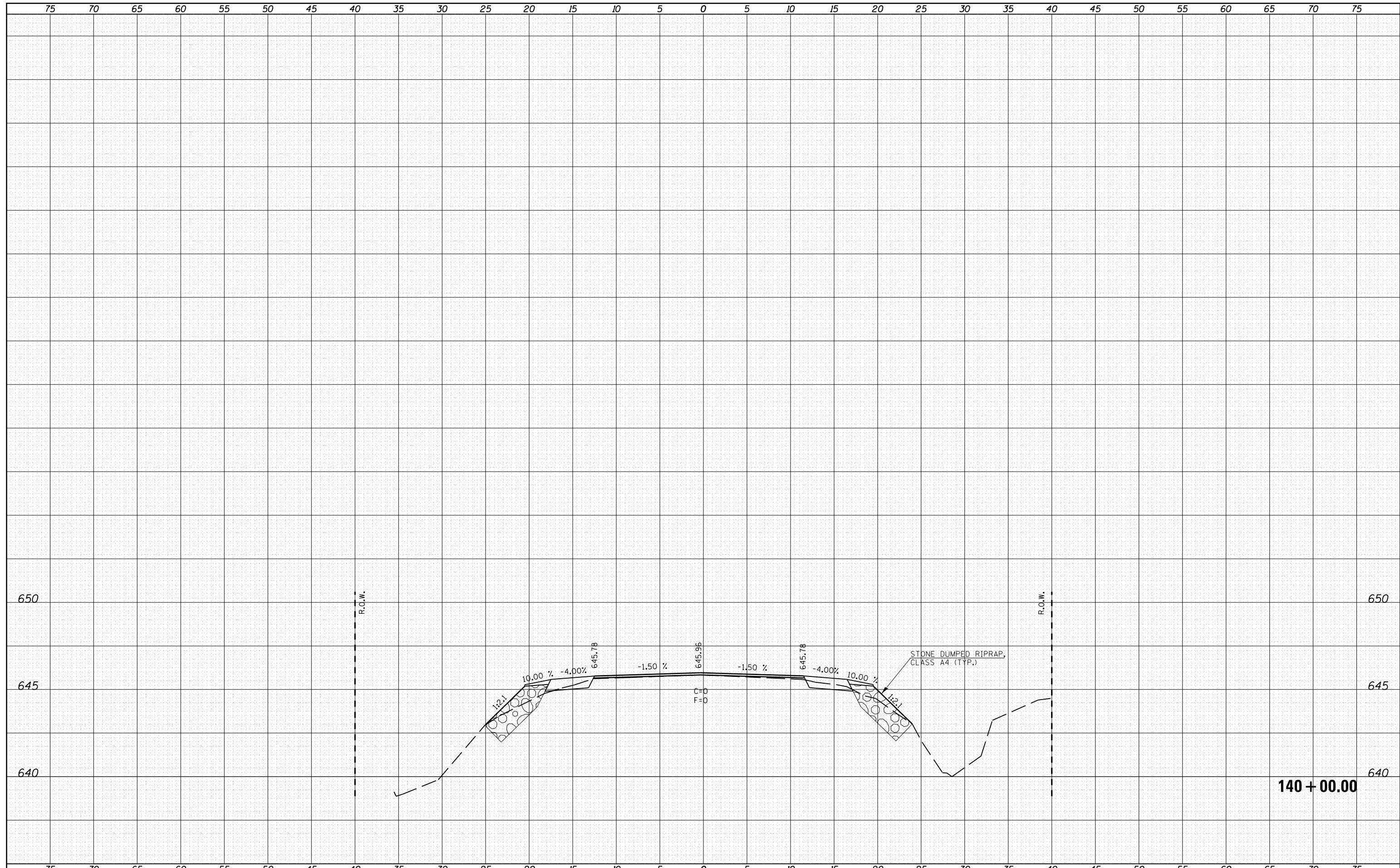
**139 + 75.00**

FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISIED -	<p align="center"><b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b></p> <p align="center"><b>CROSS SECTIONS IL 16</b></p> <p>SCALE:      SHEET      OF      SHEETS      STA. 139+75.00      TO      STA. 139+75.00</p>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw\work\p\dot\sparksgw\d0264305\0672E47-sh	xsht-IL16WHITEFIELD.dgn	DRAWN -	REVISIED -		325	14 RS-5	MACOUPIN	70	32
	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISIED -		CONTRACT NO. 72E47				
	PLOT DATE = Nov-01-2011 04:19:53PM	DATE -	REVISIED -		ILLINOIS FED. AID PROJECT				



DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
FINAL SURVEY	
NOTE BOOK	
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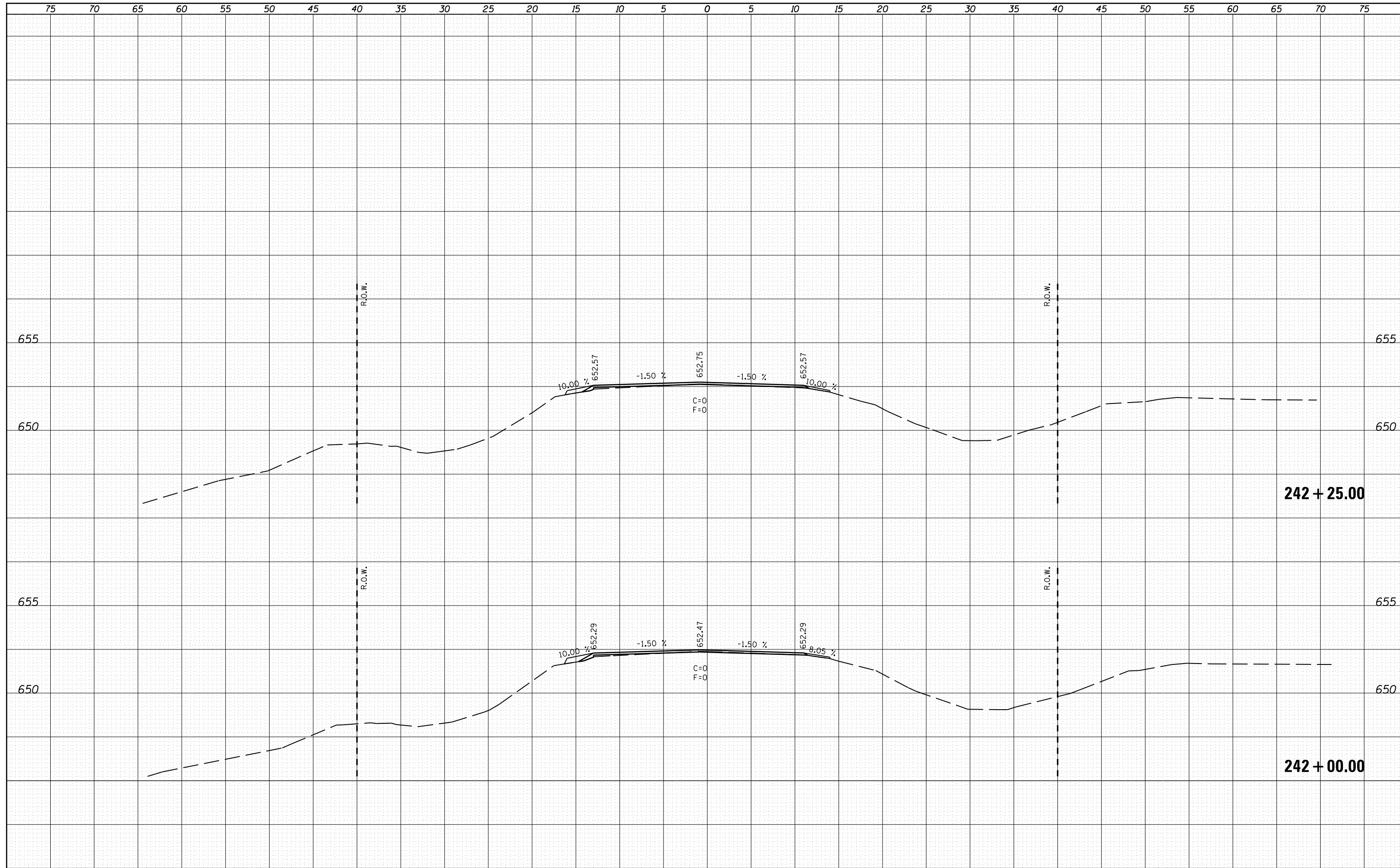
DATE	
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PLOTTED	
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AREAS	
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ORIGINAL SURVEY	
NOTE BOOK	
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FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISIED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS IL 16</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwork\pwork\sparksgw\ad264305\0672E47-sh	xsht-IL16WHITEFIELD.dgn	DRAWN -	REVISIED -		SCALE:	SHEET	OF	SHEETS	STA. 140+00.00	TO STA. 140+00.00	325	14 RS-5	MACOUPIN	70 33
	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISIED -										CONTRACT NO.	72E47
	PLOT DATE = Nov-01-2011 04:19:53PM	DATE -	REVISIED -										ILLINOIS FED. AID PROJECT	

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

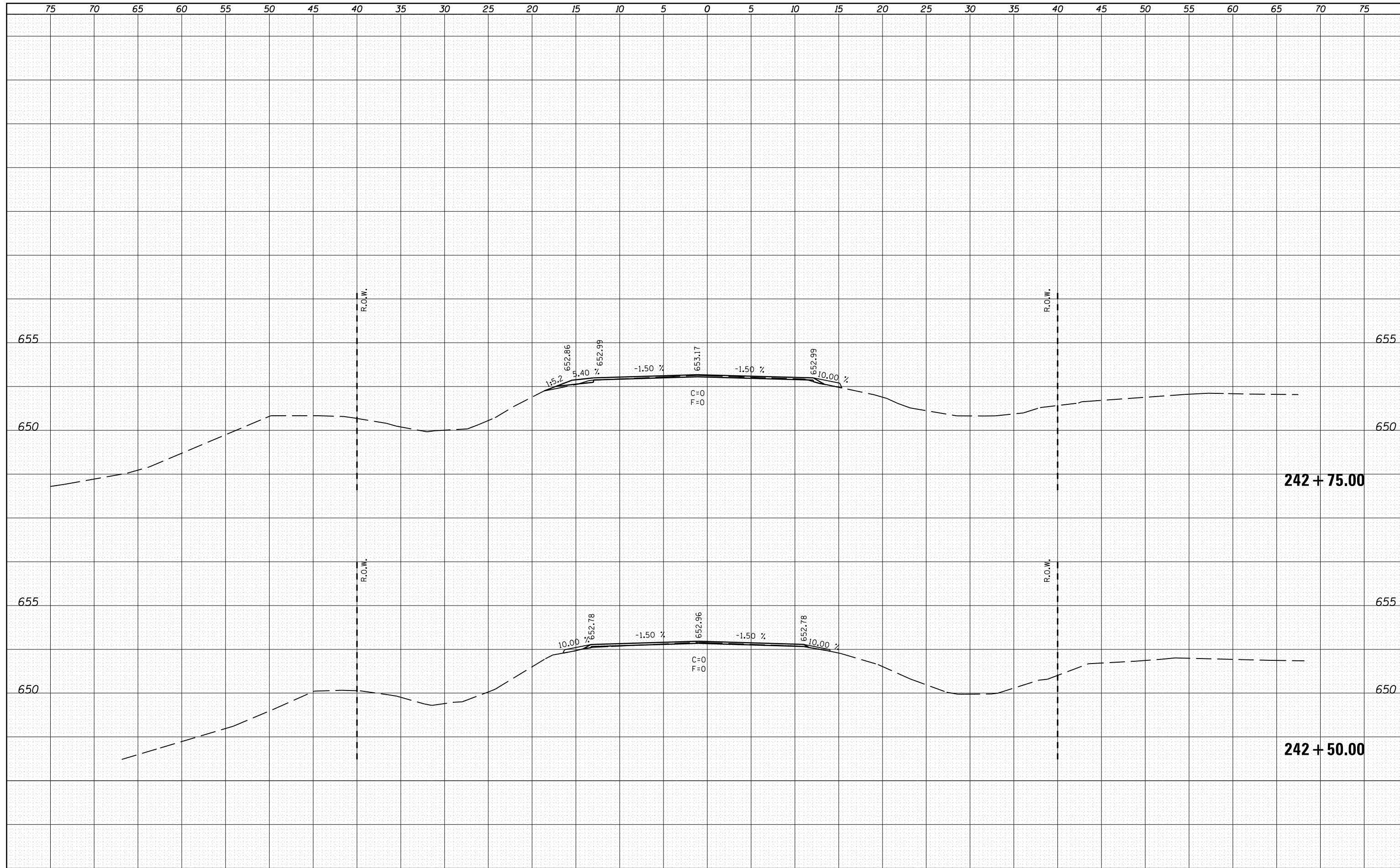
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NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	



FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISIED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS</b> <b>IL 16</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\pwork\sparksgw\d0264305\0672E47-sh	IL16DORCHESTER.dgn	DRAWN -	REVISIED -					325	14 RS-5	MACOUPIN	70	34
	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISIED -		CONTRACT NO. 72E47			ILLINOIS FED. AID PROJECT				
	PLOT DATE = Nov-01-2011 04:19:59PM	DATE -	REVISIED -		SCALE:	SHEET	OF	SHEETS	STA. 242+00.00	TO STA. 242+25.00		

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

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



FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -
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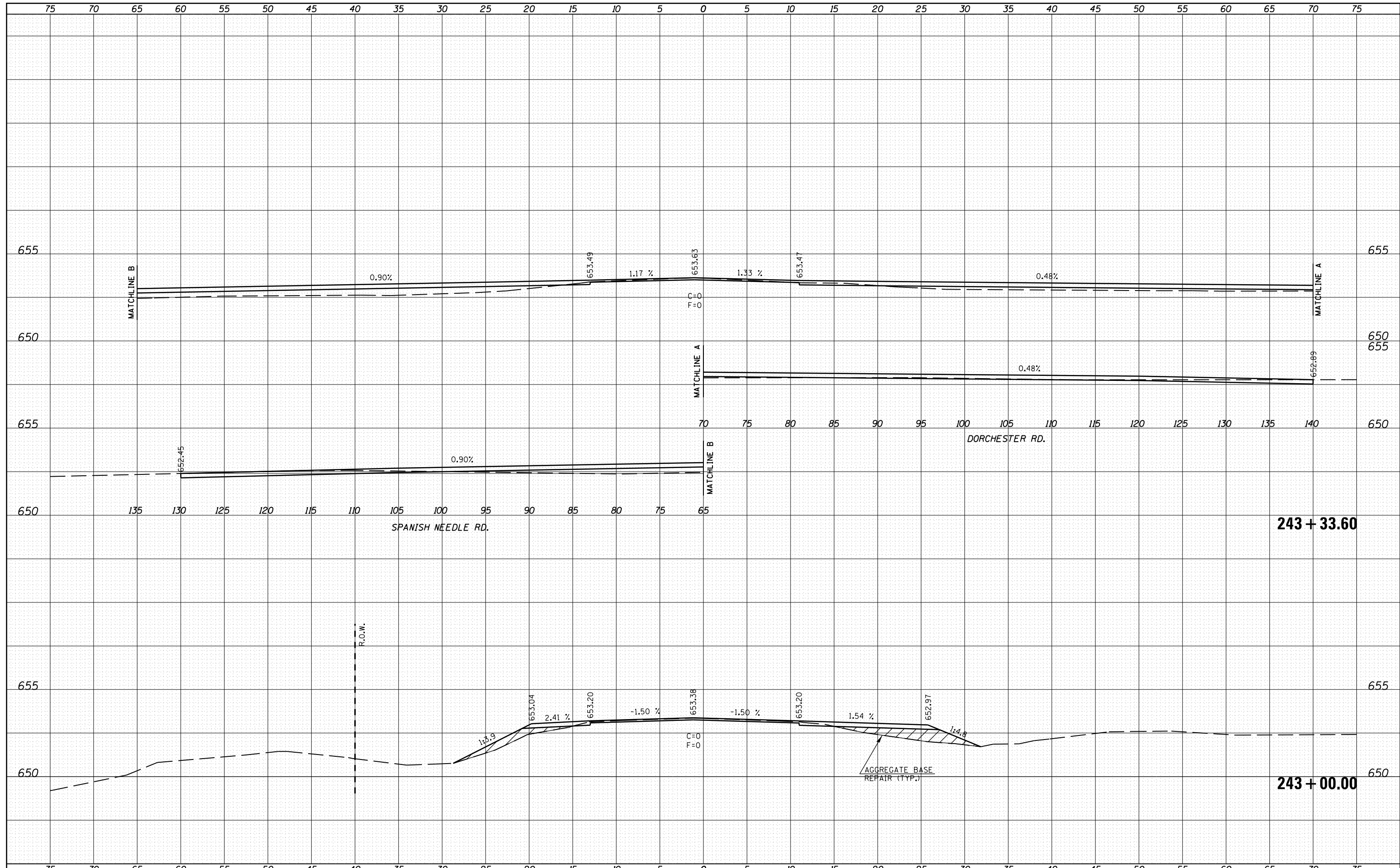
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>CROSS SECTIONS IL 16</b>			
SCALE:	SHEET	OF	SHEETS
			STA. 242+50.00 TO STA. 242+75.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325	14 RS-5	MACOUPIN	70	35
CONTRACT NO.			72E47	
ILLINOIS FED. AID PROJECT				

DATE	
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TEMPLATE	
AREAS CHECKED	
FINAL SURVEY NOTE BOOK NO.	

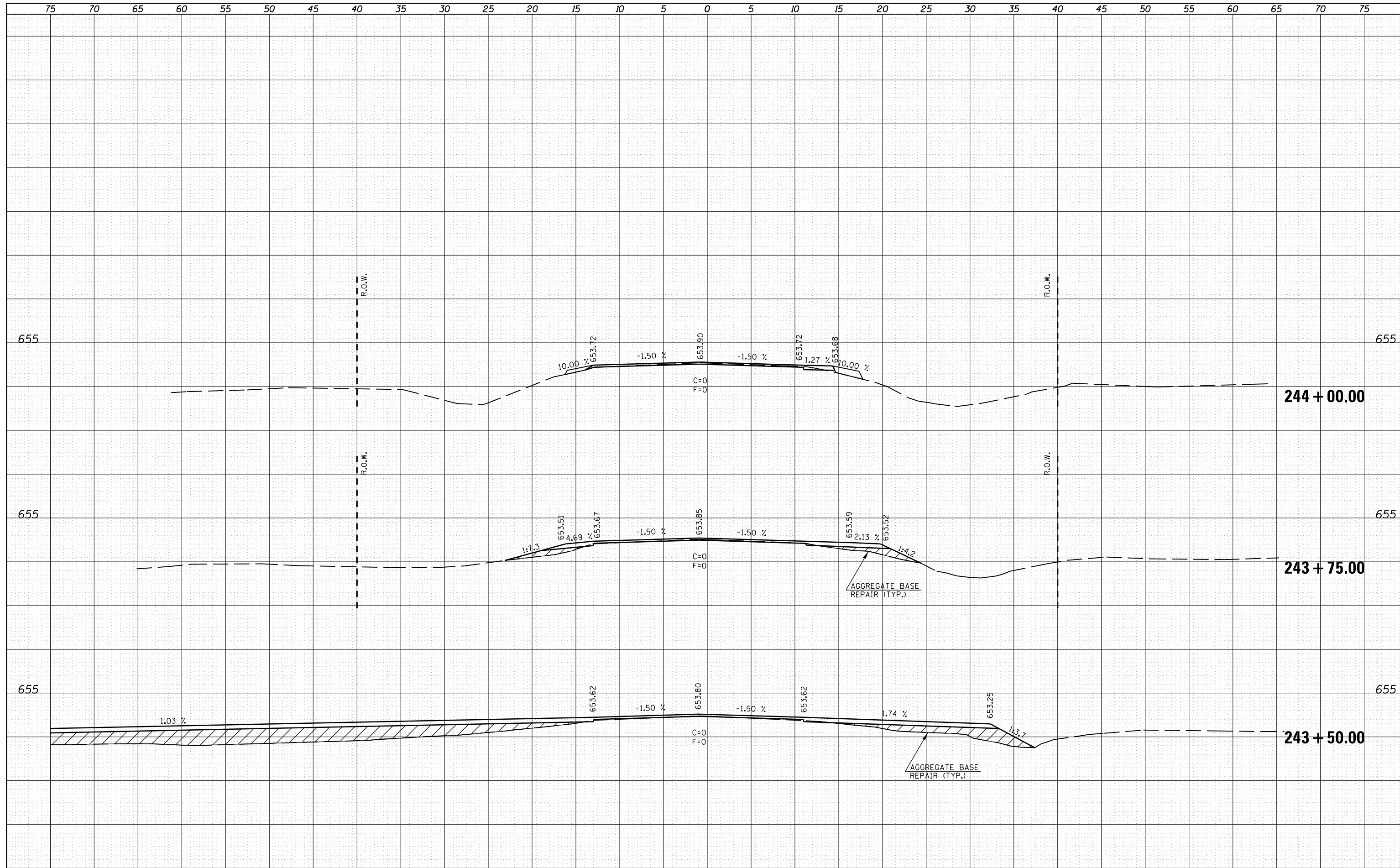
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BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
ORIGINAL SURVEY NOTE BOOK NO.	



FILE NAME =	USER NAME = sparksq	DESIGNED -	REVISIED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS</b> <b>IL 16</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwork\pwork\sparksq\d0264305\0672E47-sh	IL16DORCHESTER.dgn	DRAWN -	REVISIED -					325	14 RS-5	MACOUPIN	70	36	
PLOT SCALE = 10.0000' / in.		CHECKED -	REVISIED -		SCALE:			SHEET	OF	SHEETS	STA. 243+00.00	TO STA. 243+33.60	CONTRACT NO. 72E47
PLOT DATE = Nov-01-2011 04:20:00PM		DATE -	REVISIED -		ILLINOIS FED. AID PROJECT								

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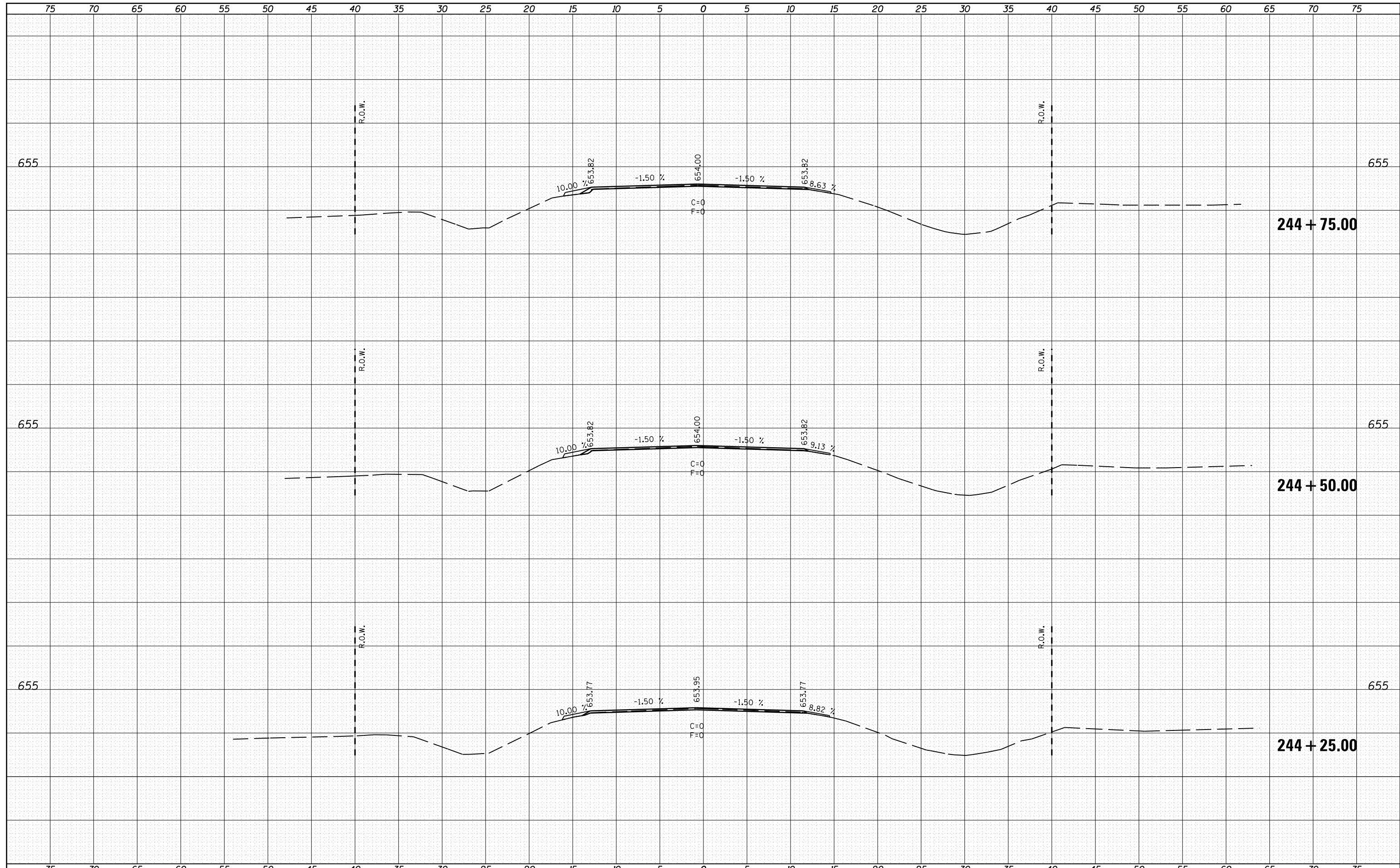
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BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	



FILE NAME =	USER NAME = sparksq	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS</b> <b>IL 16</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw\work\p\dot\sparksq\ad264305\0672E47-sh	IL1600RCHES	DRAWN -	REVISED -					325	14 RS-5	MACOUPIN	70	37
PLOT SCALE = 10.0000 / in.	CHECKED -	REVISED -	SCALE:		SHEET	OF	SHEETS	STA. 243+50.00	TO STA. 244+00.00	CONTRACT NO. 72E47		
PLOT DATE = Nov-01-2011 04:20:01PM	DATE -	REVISED -	ILLINOIS FED. AID PROJECT									

DATE	
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SURVEYED	
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DATE	
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TEMPLATE	
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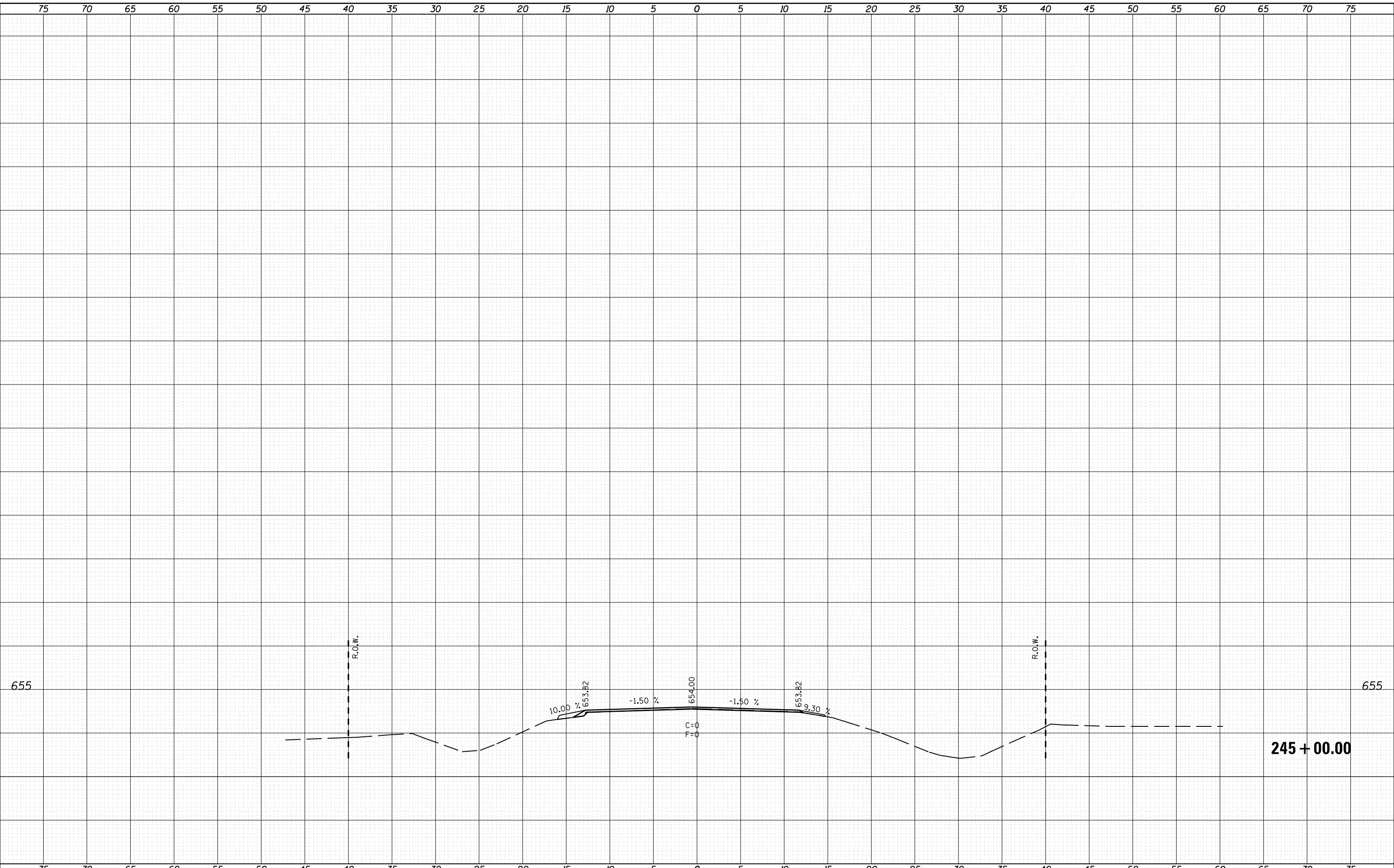


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c:\pwork\pwork\sparksgw\d0264305\0672E47-sh	IL1600RCHES1ER.dgn	DRAWN -	REVISED -					325	14 RS-5	MACOUPIN	70	38
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -	REVISED -		CONTRACT NO. 72E47							
PLOT DATE = Nov-01-2011 04:20:01PM	DATE -	REVISED -	REVISED -		ILLINOIS FED. AID PROJECT							
				SCALE:			SHEET	OF	SHEETS	STA. 244+25.00	TO	STA. 244+75.00

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

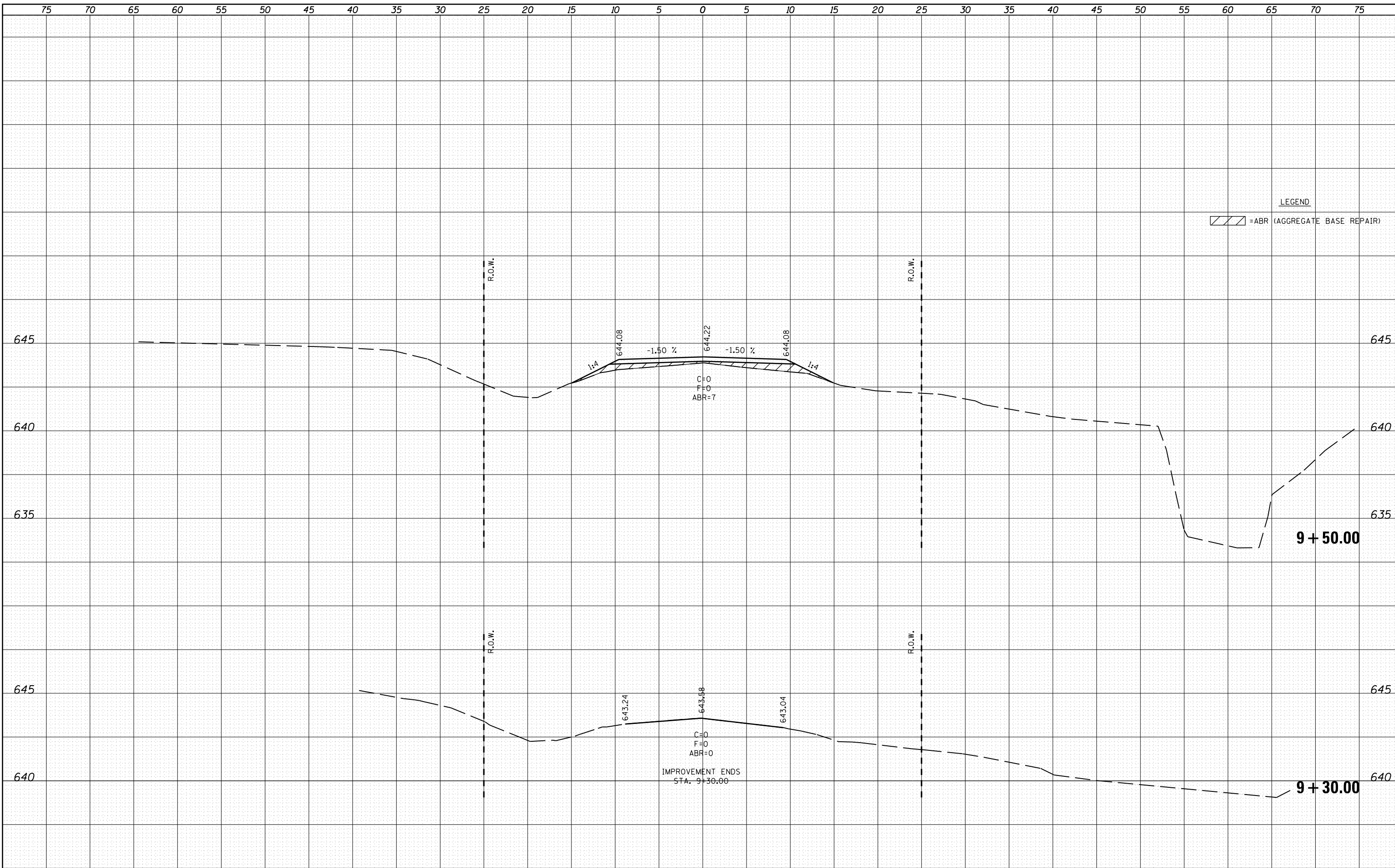
FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS	
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ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS	
	CHECKED	



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

DATE	
BY	
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TEMPLATE	
AREAS	
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ORIGINAL	
SURVEY	
NOTE BOOK	
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CHECKED	-	REVISED	-
DATE	-	REVISED	-

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
WHITEFIELD RD.**

SCALE: SHEET OF SHEETS STA. 9+30.00 TO STA. 9+50.00

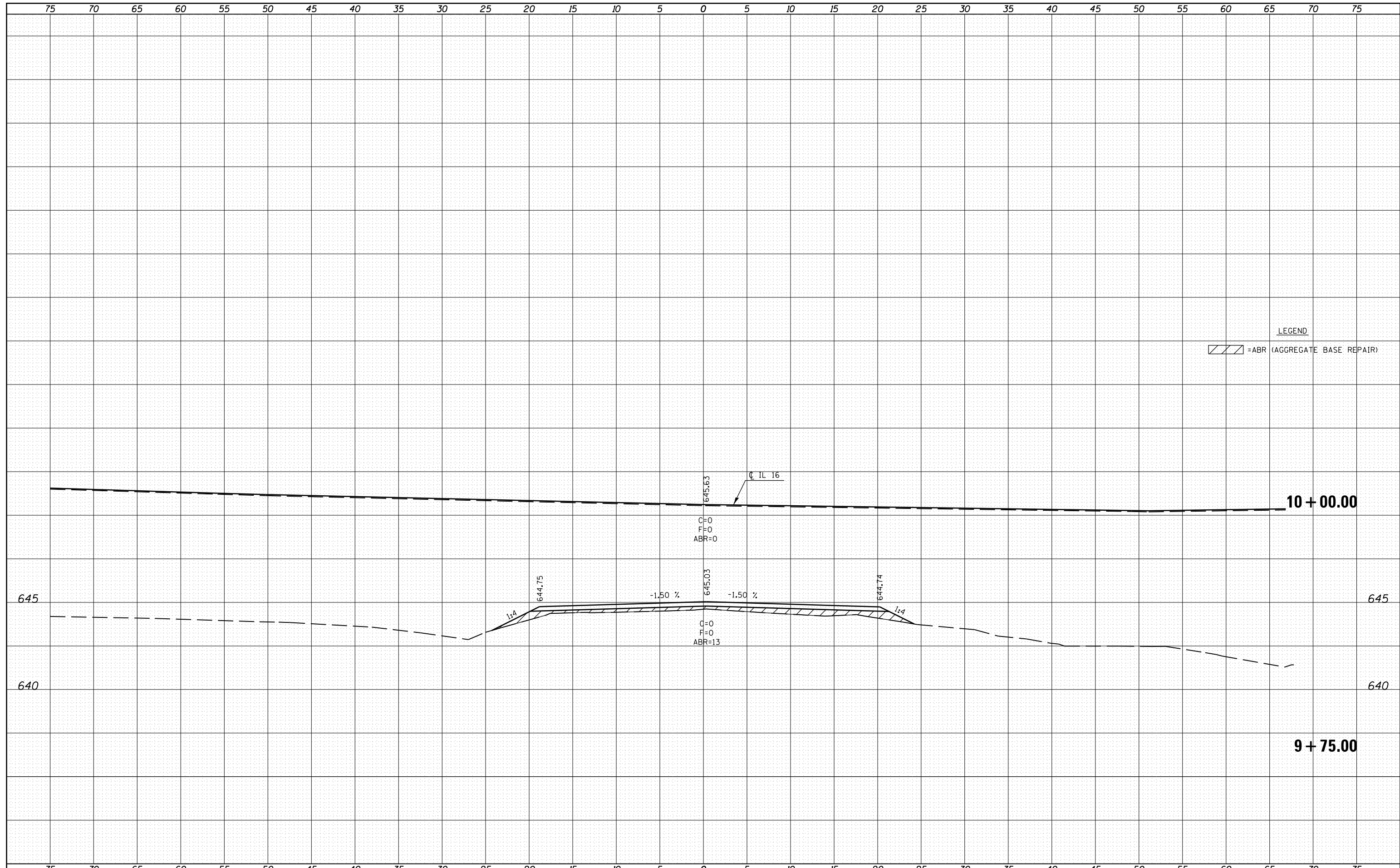
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325	14 RS-5	MACOUPIN	70	40
			CONTRACT NO.	72E47
ILLINOIS FED. AID PROJECT				





DATE	
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SURVEYED	
PLOTTED	
TEMPLATE	
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FINAL SURVEY	
NOTE BOOK	
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DATE	
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TEMPLATE	
AREAS	
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ORIGINAL SURVEY	
NOTE BOOK	
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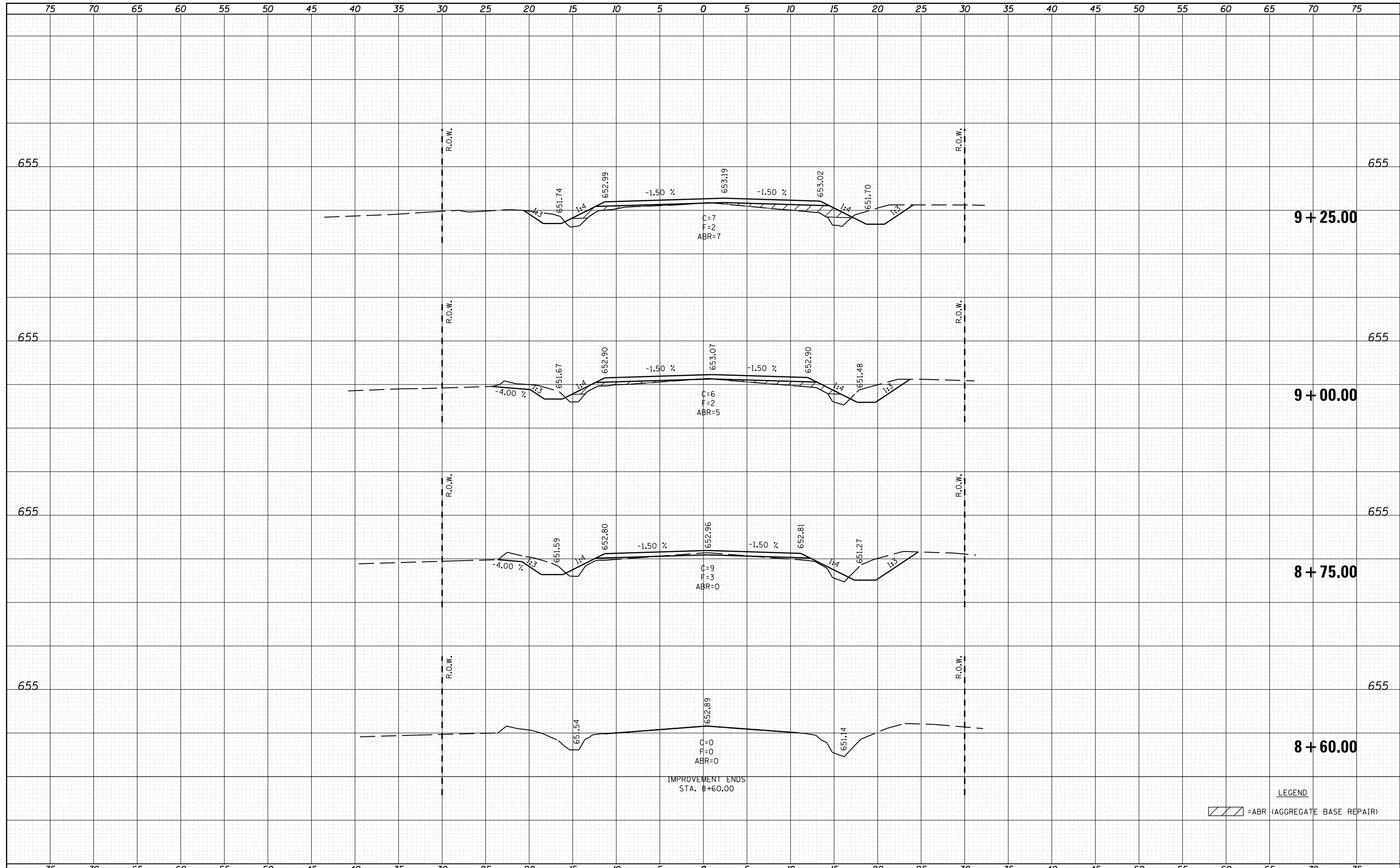


LEGEND  
 = ABR (AGGREGATE BASE REPAIR)

FILE NAME =	USER NAME = spksgw	DESIGNED -	REVISIED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS</b> <b>WHITEFIELD RD.</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw\work\p\dot\spksgw\d0264305\0672E47-sh		DRAWN -	REVISIED -			325	14 RS-5	MACOUPIN	70	42
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PLOT DATE = Nov-01-2011 04:20:09PM		DATE -	REVISIED -			SCALE:	SHEET OF SHEETS	STA. 9+75.00	TO STA. 10+00.00	

DATE	
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SURVEYED	
PLOTTED	
TEMPLATE	
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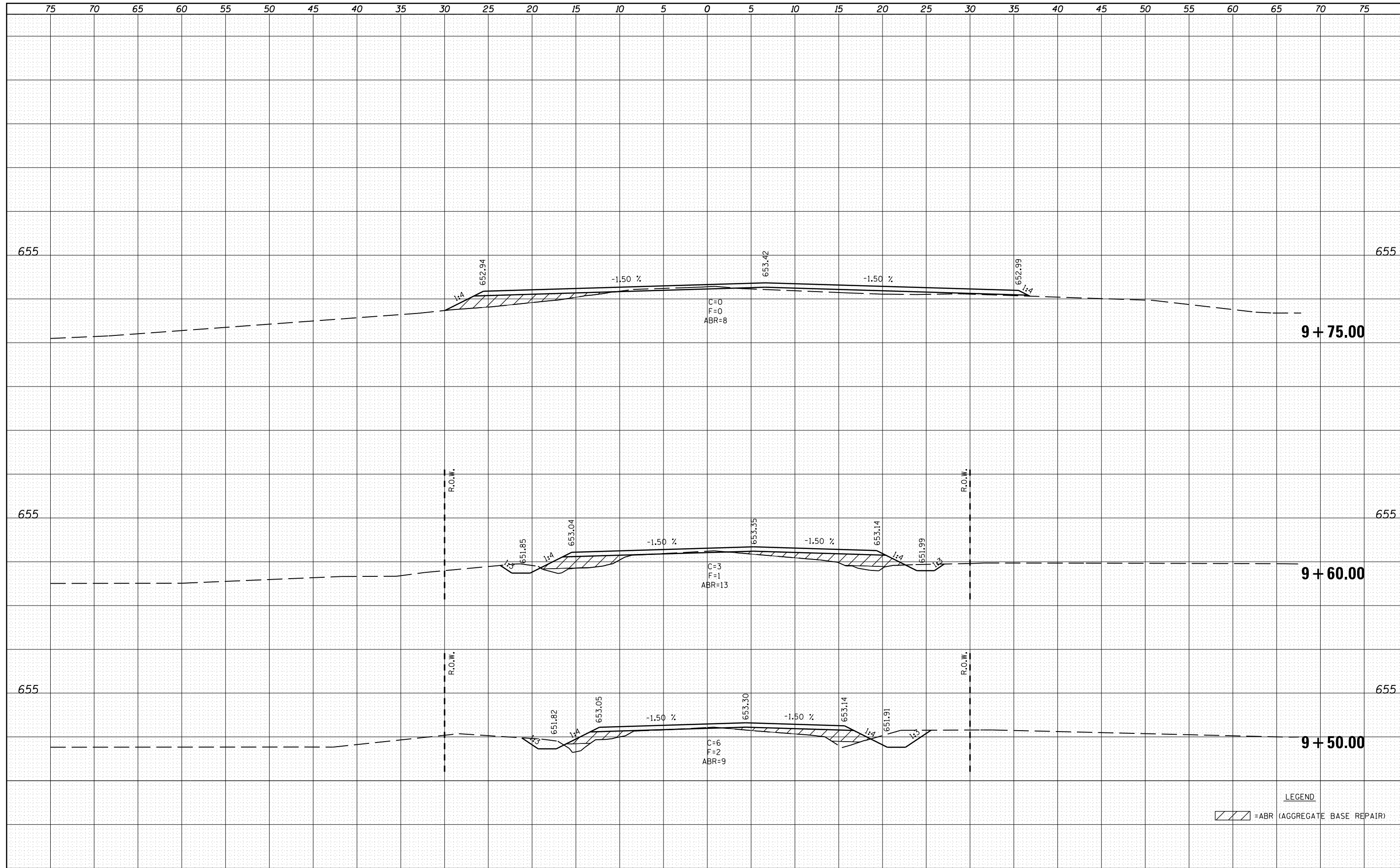
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SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	



LEGEND  
 = ABR (AGGREGATE BASE REPAIR)

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

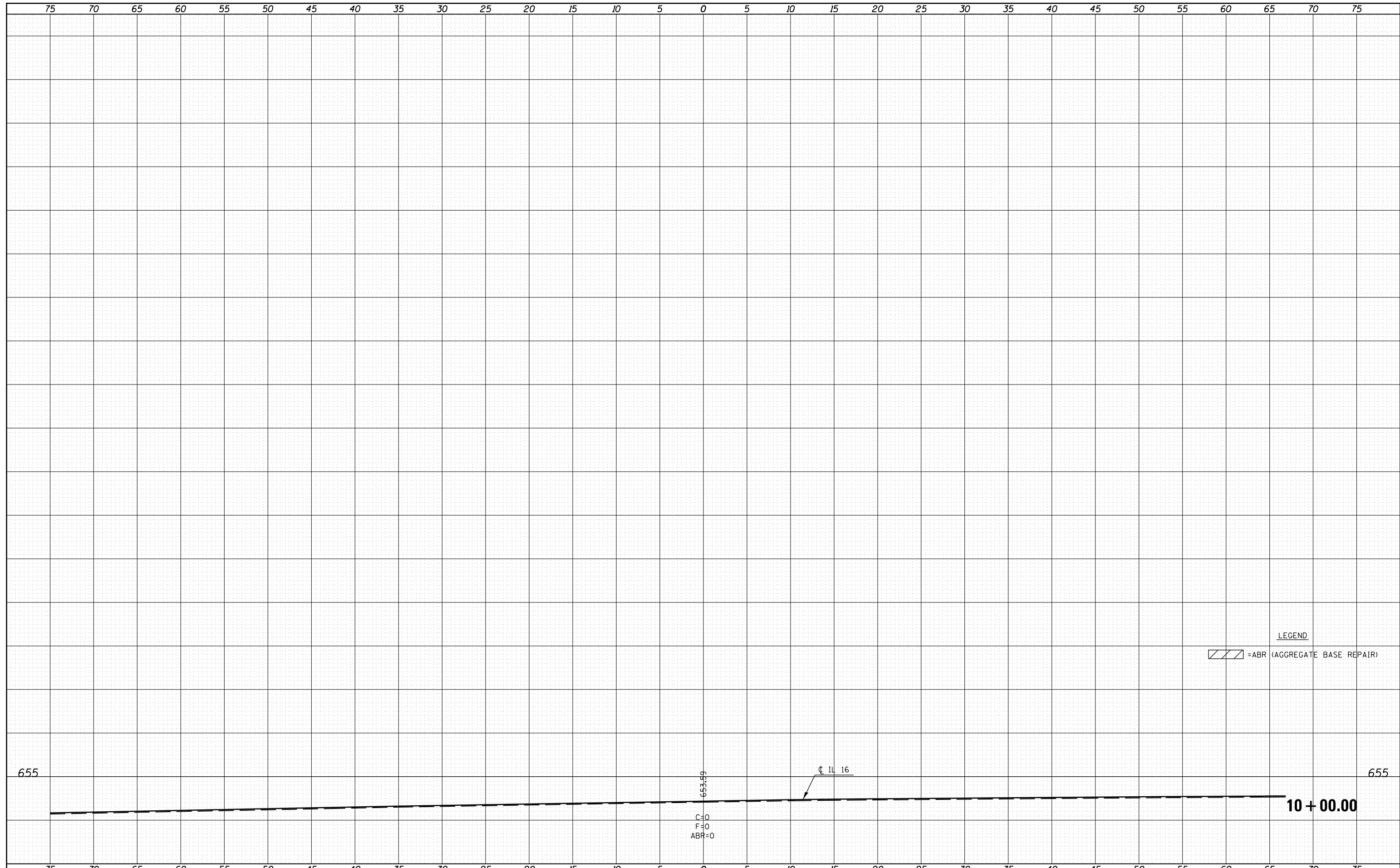


LEGEND  
 = ABR (AGGREGATE BASE REPAIR)

FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS</b> <b>DORCHESTER RD.</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pw\work\p\dot\sparksgw\d0264305\0672E47-sh		DRAWN -	REVISED -			325	14 RS-5	MACOUPIN	70	44	
PLOT SCALE = 10.0000' / in.		CHECKED -	REVISED -			CONTRACT NO. 72E47					
PLOT DATE = Nov-01-2011 04:20:17PM		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
SCALE:						SHEET	OF	SHEETS	STA. 9+50.00	TO STA. 9+75.00	

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

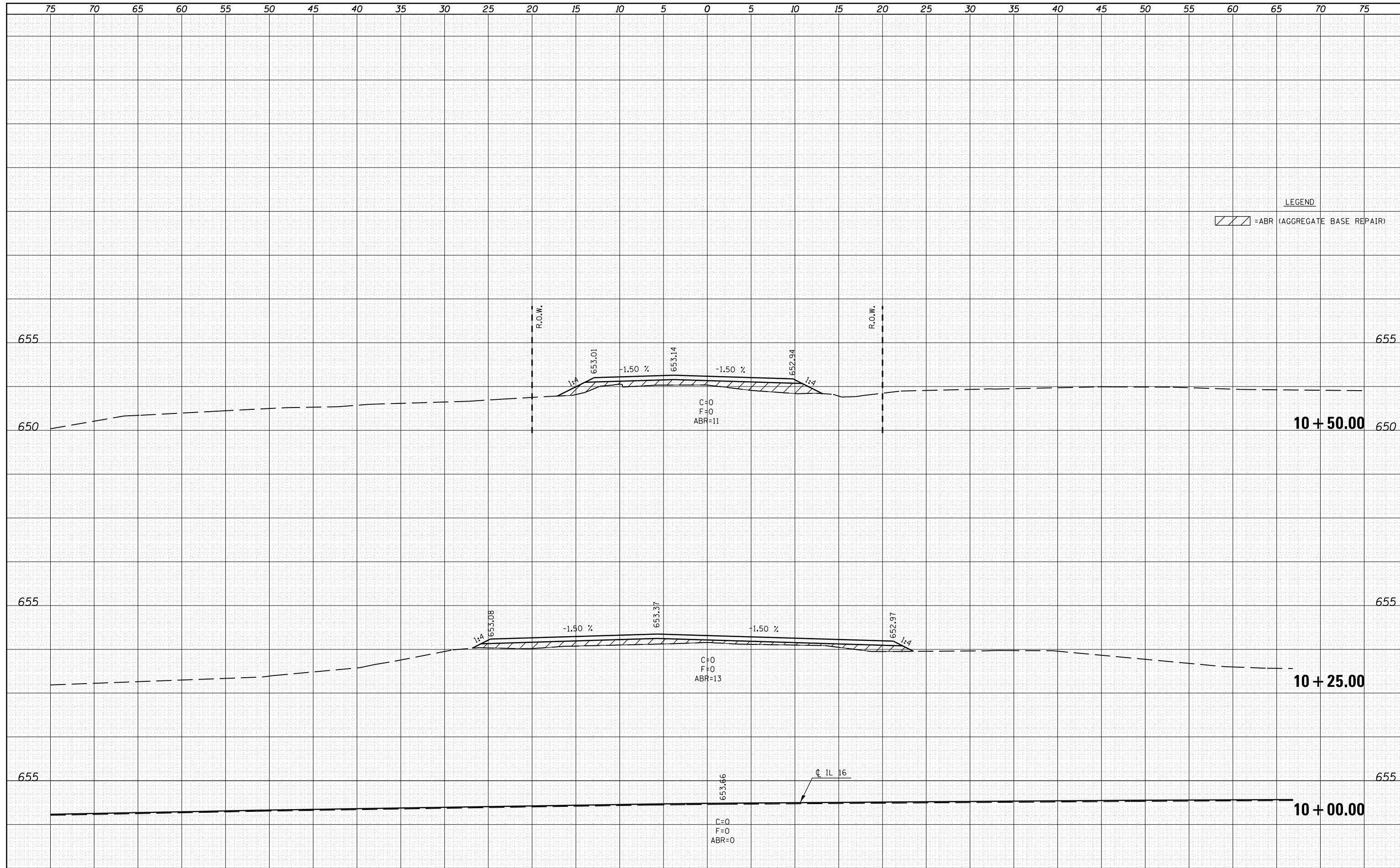
BY	DATE
ORIGINAL SURVEY NO.	SURVEYED PLOTTED
NOTE BOOK	TEMPLATE
	AREAS CHECKED



FILE NAME =	USER NAME = sparksgw	DESIGNED -	REvised -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS DORCHESTER RD.	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw\work\p\dot\sparksgw\ad264305\0672E47-sh	DRAWN -	REvised -	325			14 RS-5	MACOUPIN	70	45	
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REvised -	CONTRACT NO. 72E47							
PLOT DATE = Nov-01-2011 04:20:17PM	DATE -	REvised -	SCALE: SHEET OF SHEETS STA. 10+00.00 TO STA. 10+00.00			ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
FINAL SURVEY NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY NO.	



LEGEND  
 = ABR (AGGREGATE BASE REPAIR)

FILE NAME =  
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USER NAME = sparksgw	DESIGNED -	REVISIED -
DRAWN -	CHECKED -	REVISIED -
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

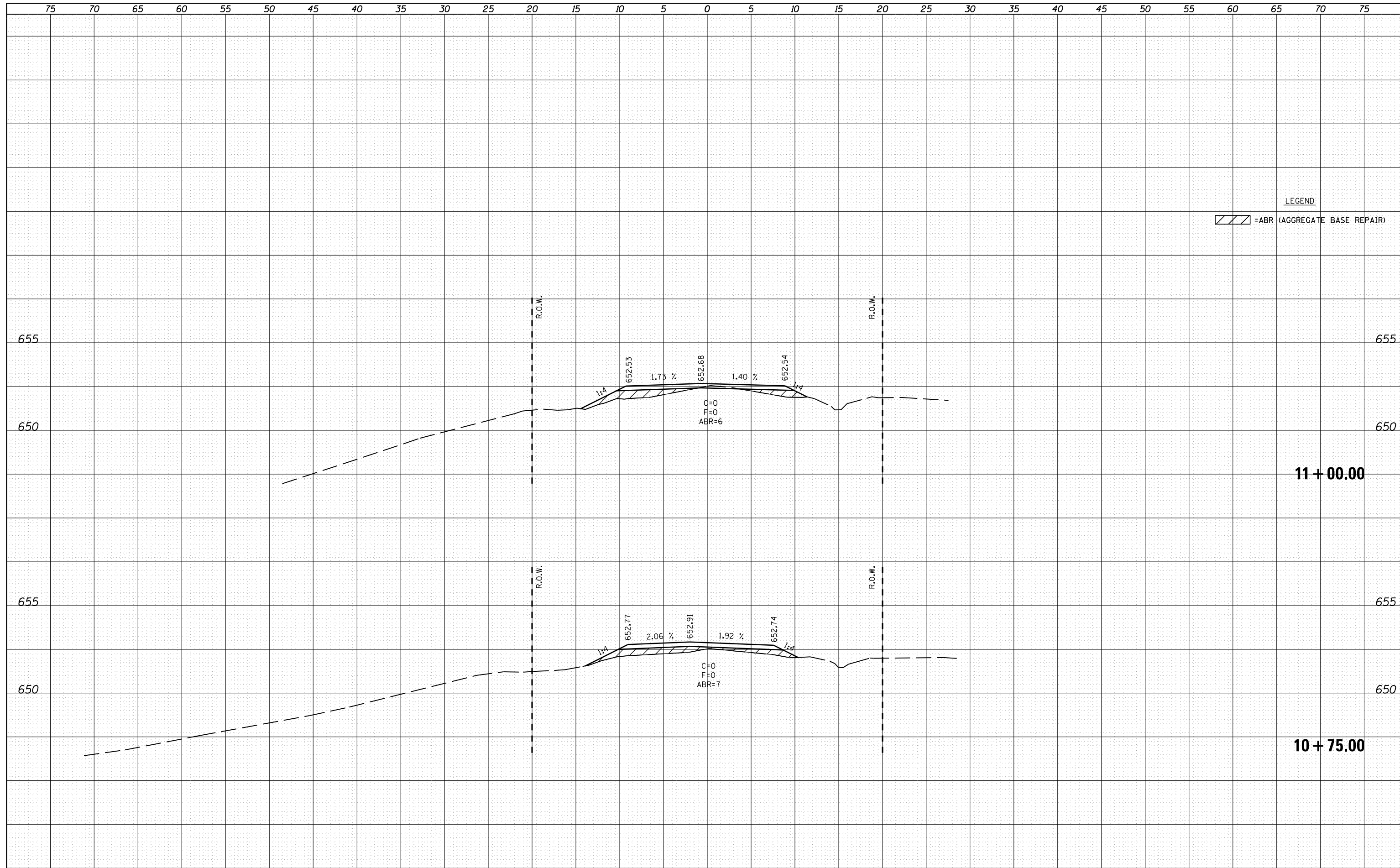
**CROSS SECTIONS  
 SPANISH NEEDLE RD.**

SCALE: SHEET OF SHEETS STA. 10+00.00 TO STA. 10+50.00

F.A.P. RTE. 325	SECTION 14 RS-5	COUNTY MACOUPIN	TOTAL SHEETS 70	SHEET NO. 46
			CONTRACT NO. 72E47	
ILLINOIS FED. AID PROJECT				

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

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

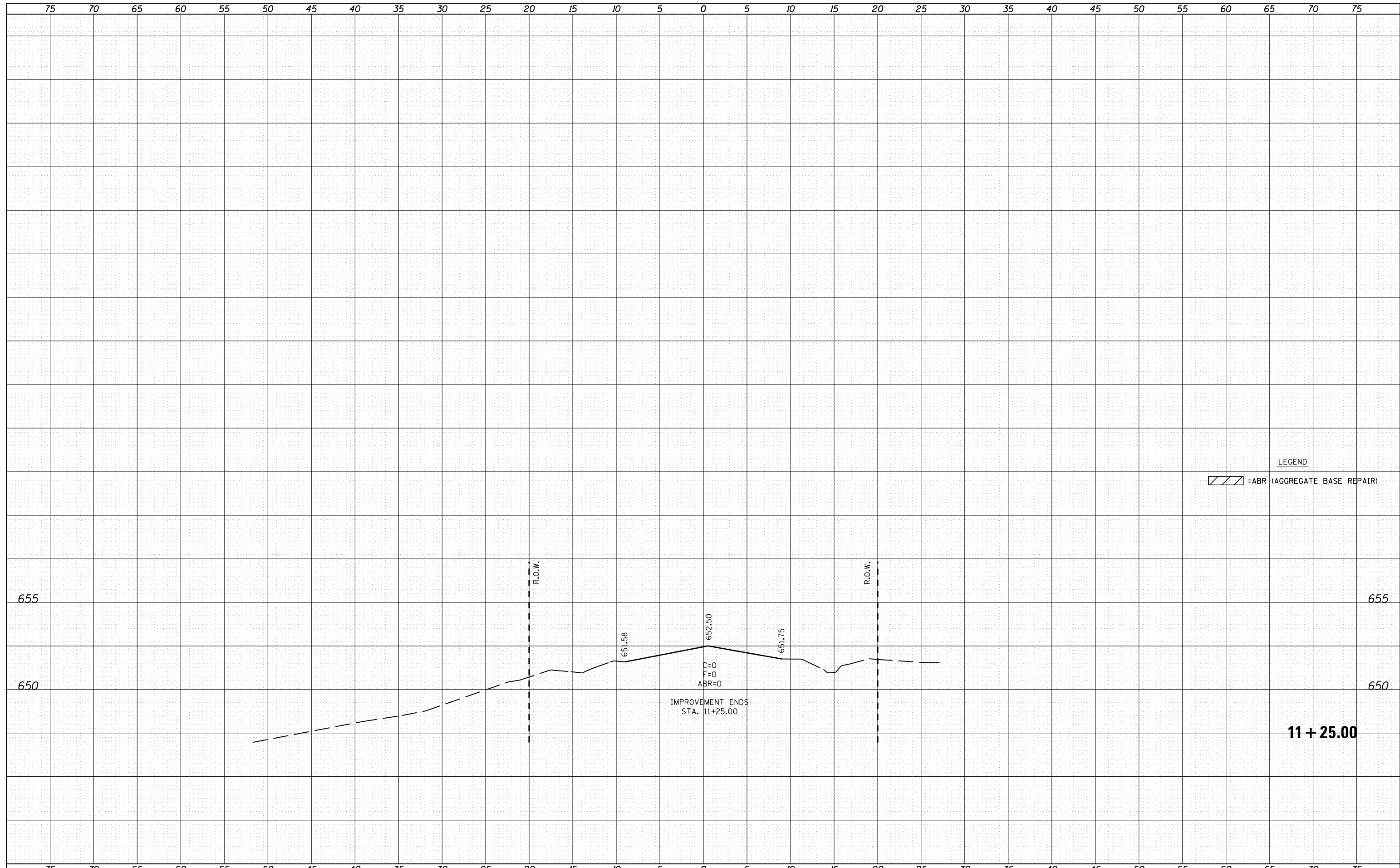


LEGEND  
 = ABR (AGGREGATE BASE REPAIR)

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

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

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



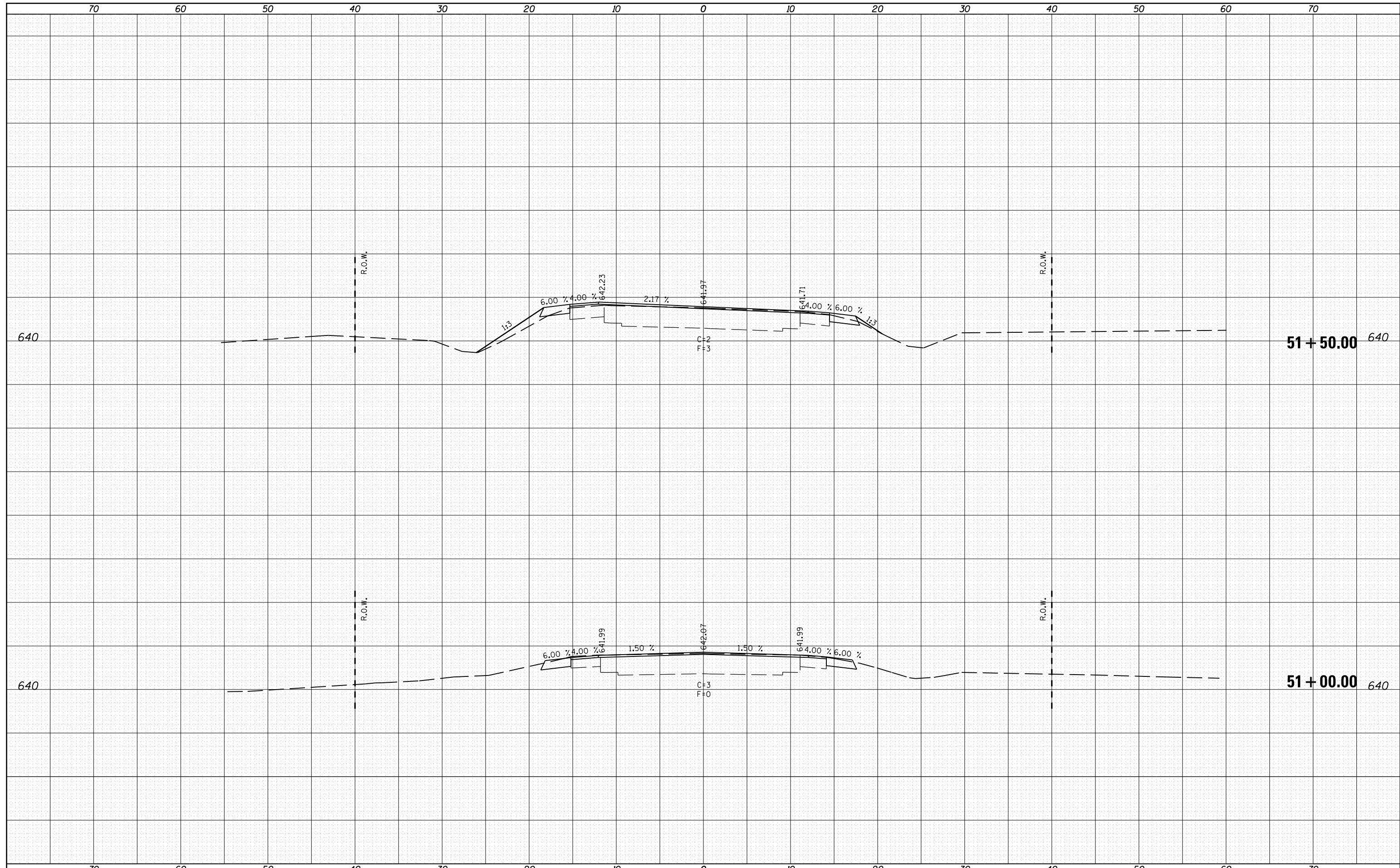
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 = ABR (AGGREGATE BASE REPAIR)

FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -	<p align="center"><b>STATE OF ILLINOIS</b>  <b>DEPARTMENT OF TRANSPORTATION</b></p>	<p align="center"><b>CROSS SECTIONS</b>  <b>SPANISH NEEDLE RD.</b></p>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pw\work\p\dot\sparksgw\d0264305\0672E47-sh		DRAWN -	REVISED -			325	14 RS-5	MACOUPIN	70	48	
		CHECKED -	REVISED -			CONTRACT NO. 72E47					
		DATE -	REVISED -			SCALE:	SHEET	OF	SHEETS	STA. 11+25.00	TO STA. 11+25.00



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

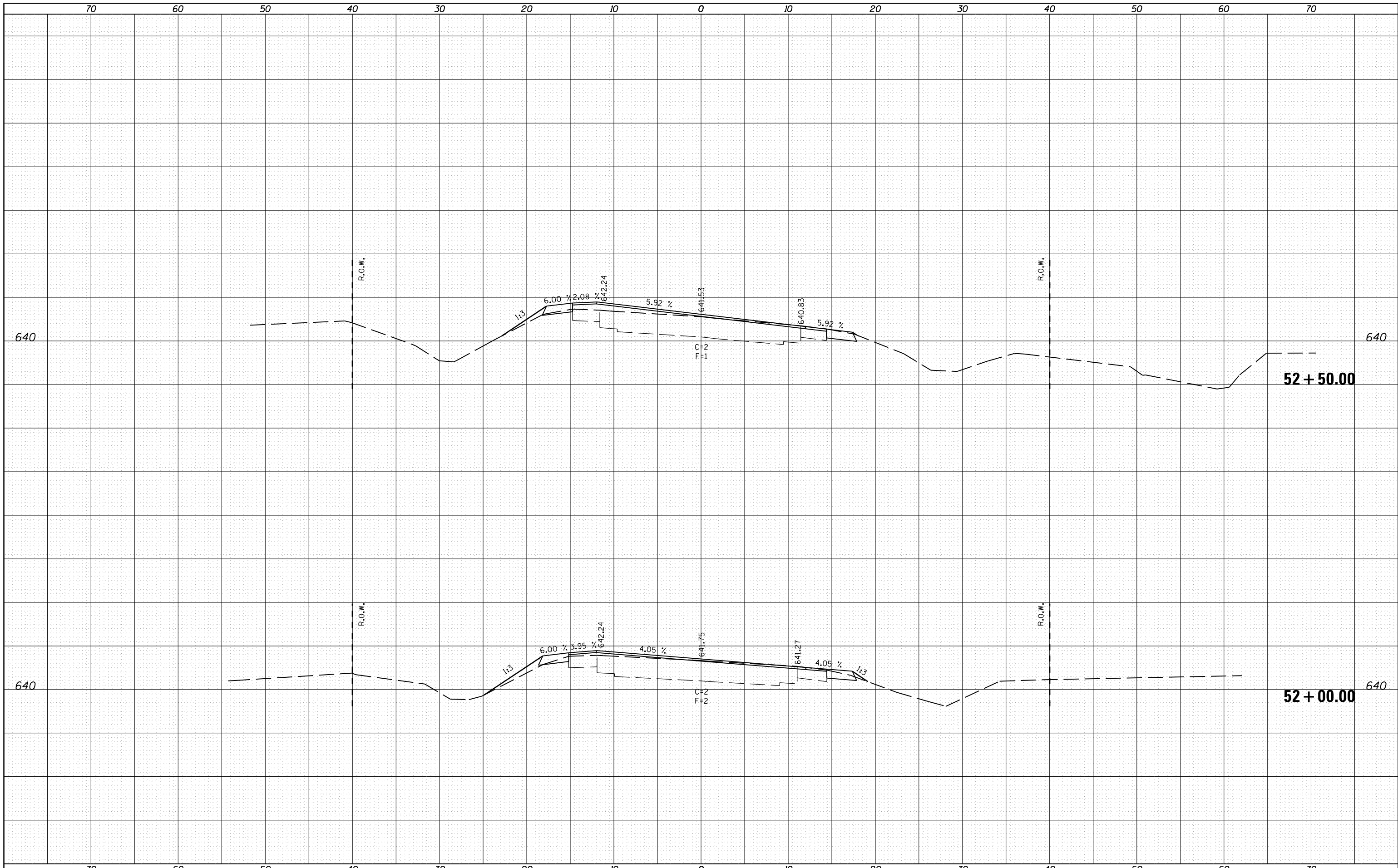
ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	



FILE NAME =	USER NAME = martinjk	DESIGNED -	REVISIED -	<p align="center"><b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b></p> <p align="center"><b>CROSS SECTIONS</b> <b>IL 16</b></p>	F.A.P. RTE. 325	SECTION 14 RS-5	COUNTY MACOUPIN	TOTAL SHEETS 70	SHEET NO. 49	
es:\pw\work\pwidot\martinjk\d0264305\0672E47-sh-xssht-curve-superelevation.dgn	PLOT SCALE = 10.0000' / in.	DRAWN -	REVISIED -		SCALE:	SHEET OF SHEETS	STA. 51+00.00	TO STA. 51+50.00	CONTRACT NO. 72E47	
PLOT DATE = Nov-14-2011 03:43:13PM	DATE -	CHECKED -	REVISIED -		ILLINOIS FED. AID PROJECT					

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

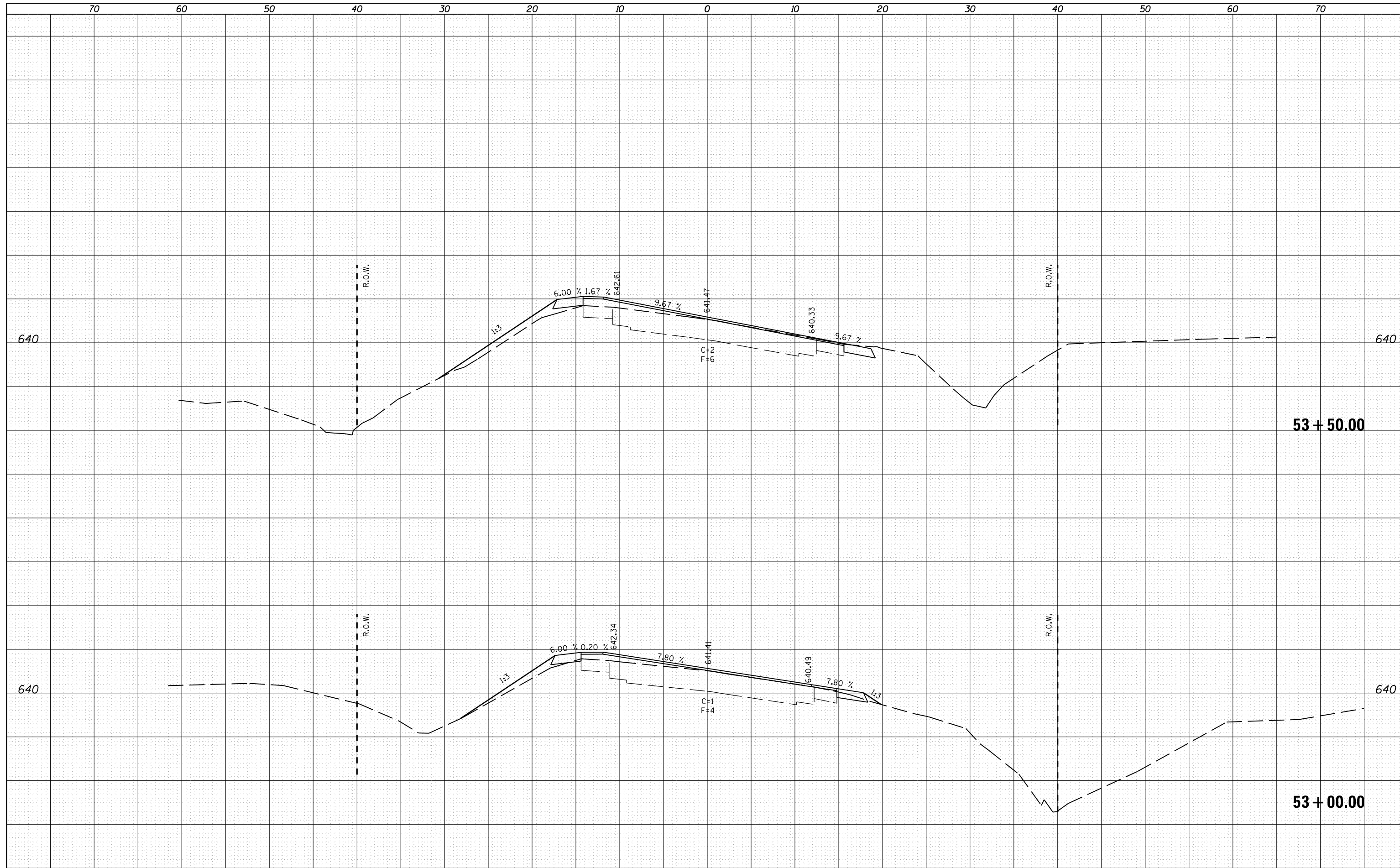
BY	DATE
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED



FILE NAME =	USER NAME = martinjk	DESIGNED -	REVISIED -	<p align="center"><b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b></p> <p align="center"><b>CROSS SECTIONS IL 16</b></p>	F.A.P. RTE. 325	SECTION 14 RS-5	COUNTY MACOUPIN	TOTAL SHEETS 70	SHEET NO. 50	
es:\pw\work\pwidot\martinjk\d0264305\0672E47-sh...	CONTRACT NO. 72E47	DRAWN -	REVISIED -		SCALE:	SHEET OF SHEETS	STA. 52+00.00 TO STA. 52+50.00	ILLINOIS FED. AID PROJECT		
		CHECKED -	REVISIED -							
		DATE -	REVISIED -							

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

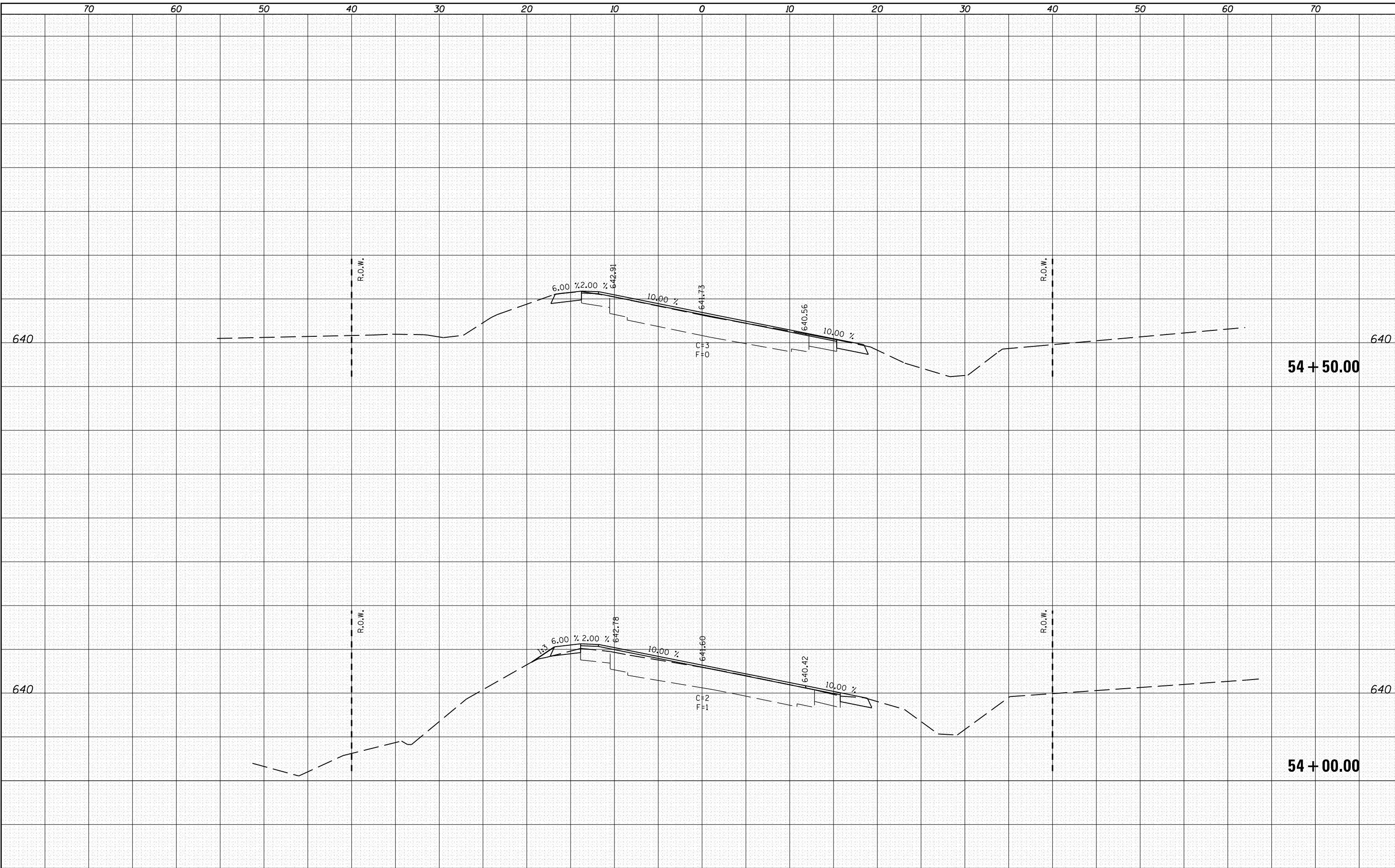
BY	DATE
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED



FILE NAME =	USER NAME = martinj	DESIGNED -	REVISER -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS IL 16</b>		F.A.P. RTE. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw\work\pwidot\martinjk\10264305\0672E47-sh...	DESIGNED -	REVISER -	325		14 RS-5	MACOUPIN	70	51			
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISER -	CONTRACT NO. 72E47								
PLOT DATE = Nov-14-2011 03:43:14PM	DATE -	REVISER -	ILLINOIS FED. AID PROJECT								
					SCALE:	SHEET OF SHEETS	STA. 53+00.00 TO STA. 53+50.00				

BY	DATE
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
FINAL SURVEY NO.	

BY	DATE
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
ORIGINAL SURVEY NO.	



FILE NAME =	USER NAME = martinjk	DESIGNED -	REVISED -
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PLOT DATE = Nov-14-2011 03:43:14PM	DATE -	REVISED -	REVISED -

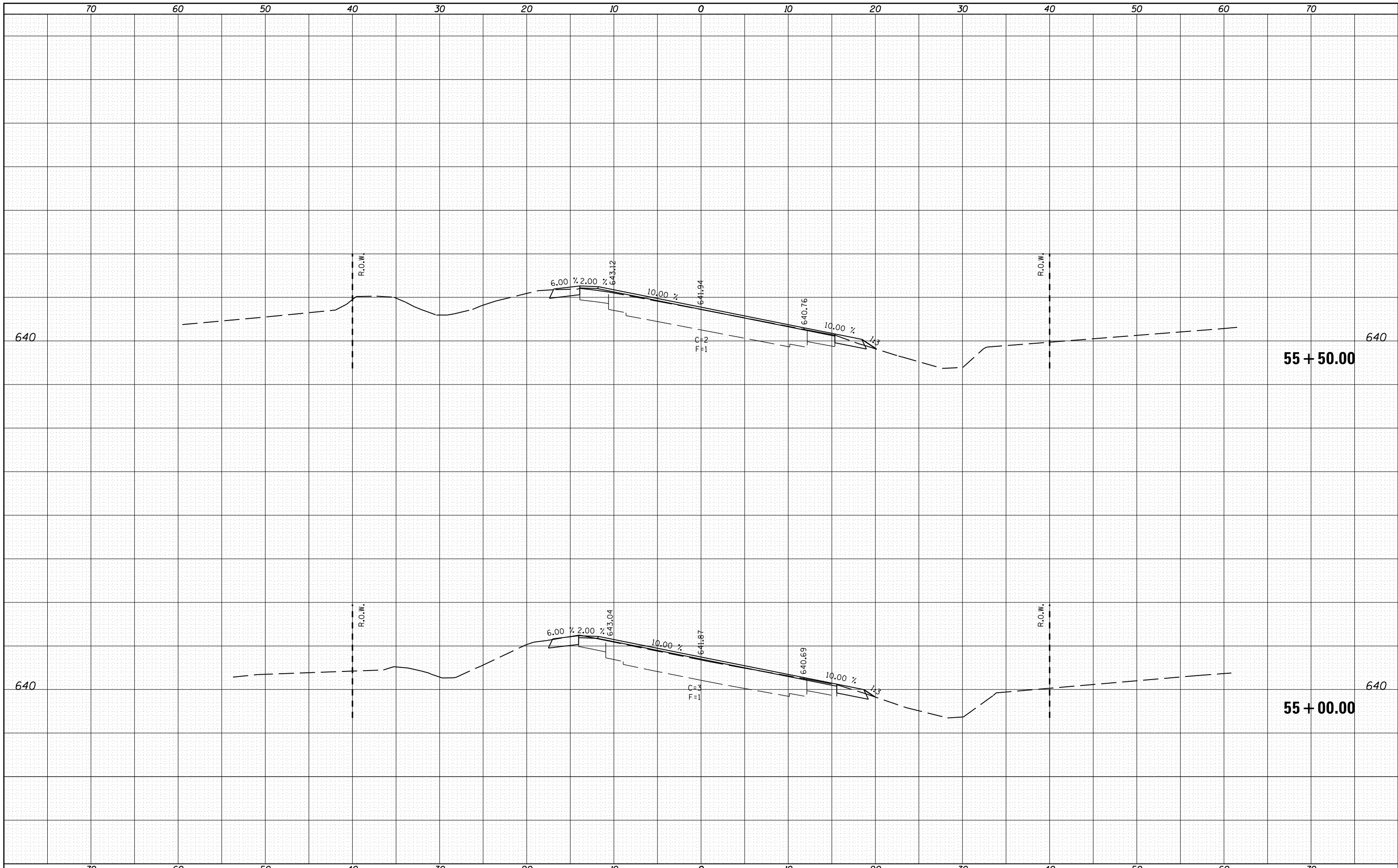
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>CROSS SECTIONS IL 16</b>			
SCALE:	SHEET	OF	SHEETS
			STA. 54+00.00 TO STA. 54+50.00

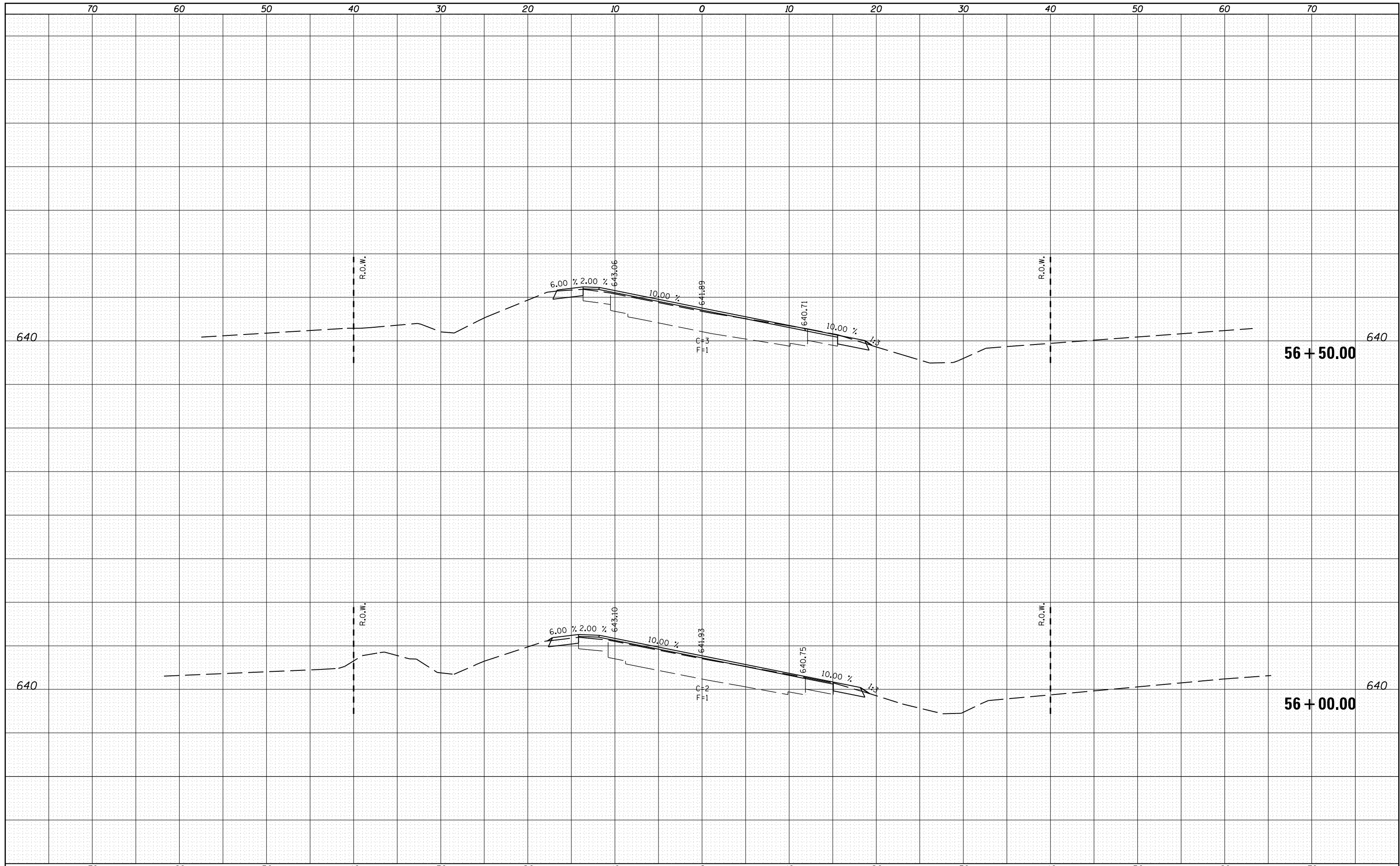
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325	14 RS-5	MACOUPIN	70	52
			CONTRACT NO. 72E47	
ILLINOIS FED. AID PROJECT				

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

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



FILE NAME =	USER NAME = martinjk	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS IL 16</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw\work\pwidot\martinjk\d0264305\0672E47-sh-xssht-curve-superelevation.dgn		DRAWN -	REVISED -		325	14 RS-5	MACOUPIN	70	53			
PLOT SCALE = 10.0000' / in.		CHECKED -	REVISED -		CONTRACT NO. 72E47							
PLOT DATE = Nov-14-2011 03:43:15PM		DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA. 55+00.00	TO STA. 55+50.00	ILLINOIS FED. AID PROJECT	



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 =	USER NAME = martinj	DESIGNED -	REVISED -
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PLOT DATE = Nov-14-2011 03:43:15PM		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

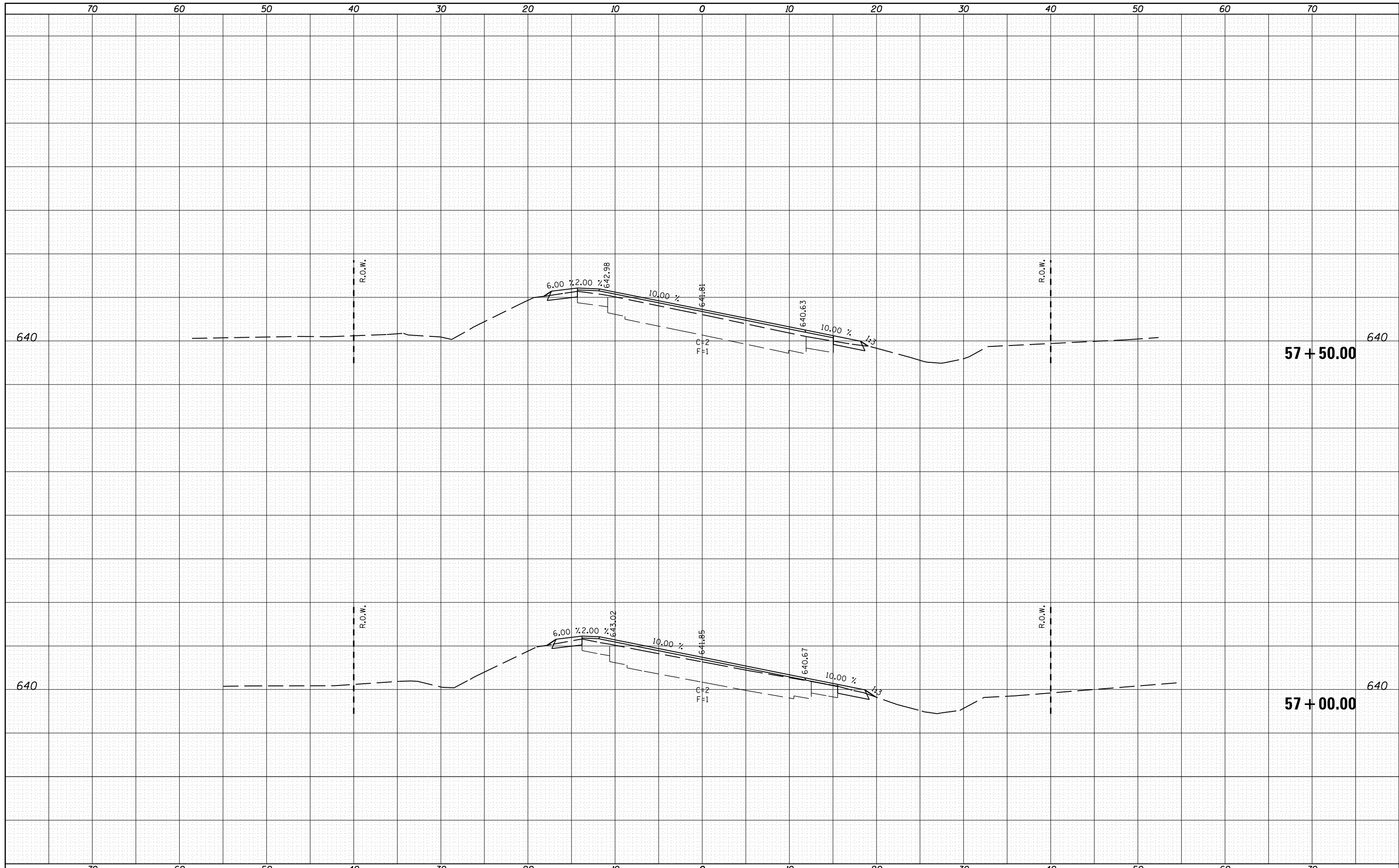
**CROSS SECTIONS  
IL 16**

SCALE: SHEET OF SHEETS STA. 56+00.00 TO STA. 56+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325	14 RS-5	MACOUPIN	70	54
			CONTRACT NO. 72E47	
ILLINOIS FED. AID PROJECT				

BY	DATE

BY	DATE



FILE NAME =  
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USER NAME = martinjk  
 DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE -

DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE -

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 REVISED -

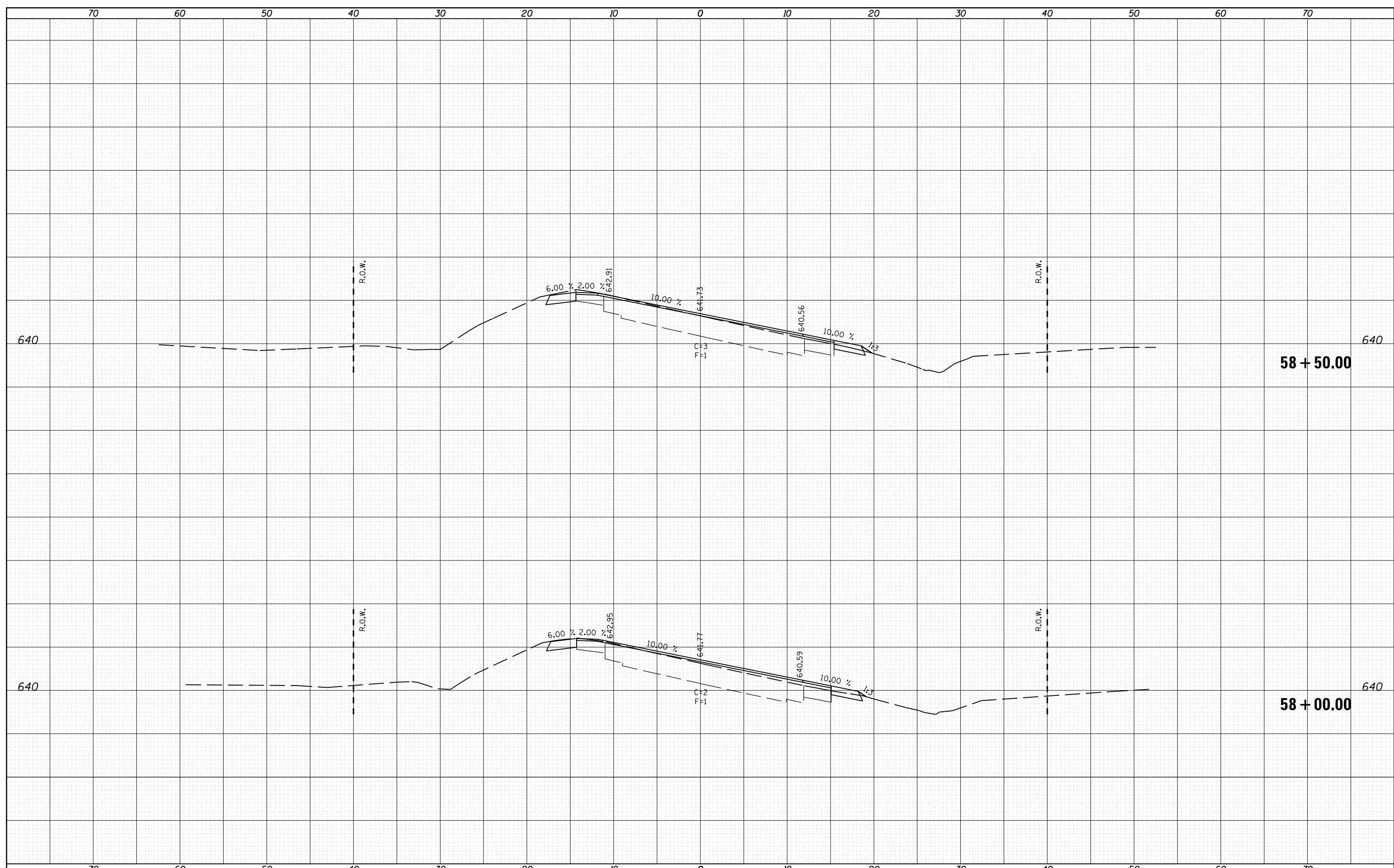
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS  
 IL 16  
 SCALE: SHEET OF SHEETS STA. 57+00.00 TO STA. 57+50.00

F.A.P. RTE. 325	SECTION 14 RS-5	COUNTY MACOUPIN	TOTAL SHEETS 70	SHEET NO. 55
CONTRACT NO. 72E47				ILLINOIS FED. AID PROJECT

BY			DATE		
FINAL SURVEY	SURVEYED	PLOTTED			
NOTE BOOK	TEMPLATE	AREAS CHECKED			

BY			DATE		
ORIGINAL SURVEY	SURVEYED	PLOTTED			
NOTE BOOK	TEMPLATE	AREAS CHECKED			



FILE NAME -	USER NAME = martinjk	DESIGNED -	REVISED -
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		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
IL 16**

SCALE: SHEET OF SHEETS STA. 58+00.00 TO STA. 58+50.00

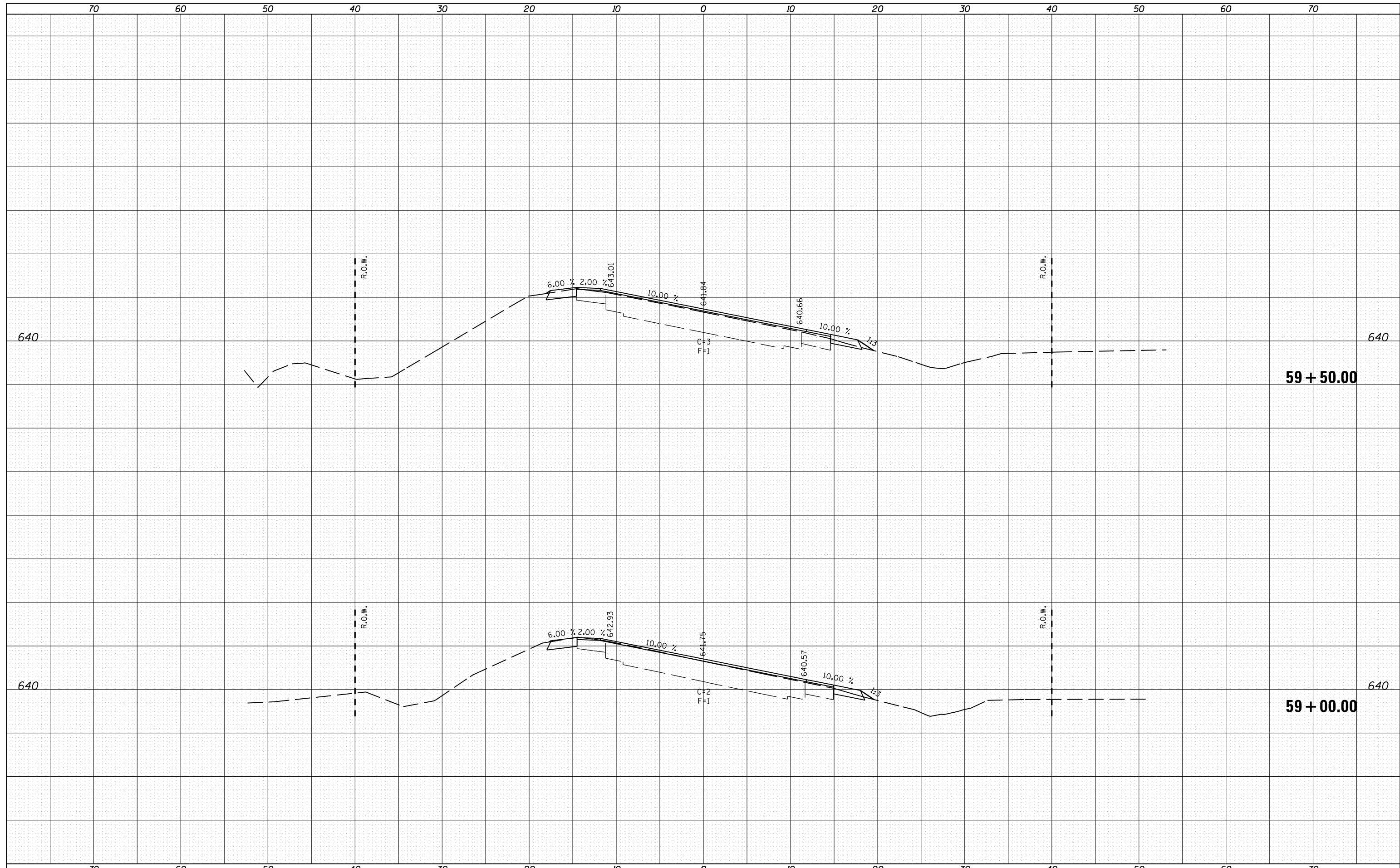
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325	14 RS-5	MACOUPIN	70	56
CONTRACT NO. 72E47				

ILLINOIS FED. AID PROJECT



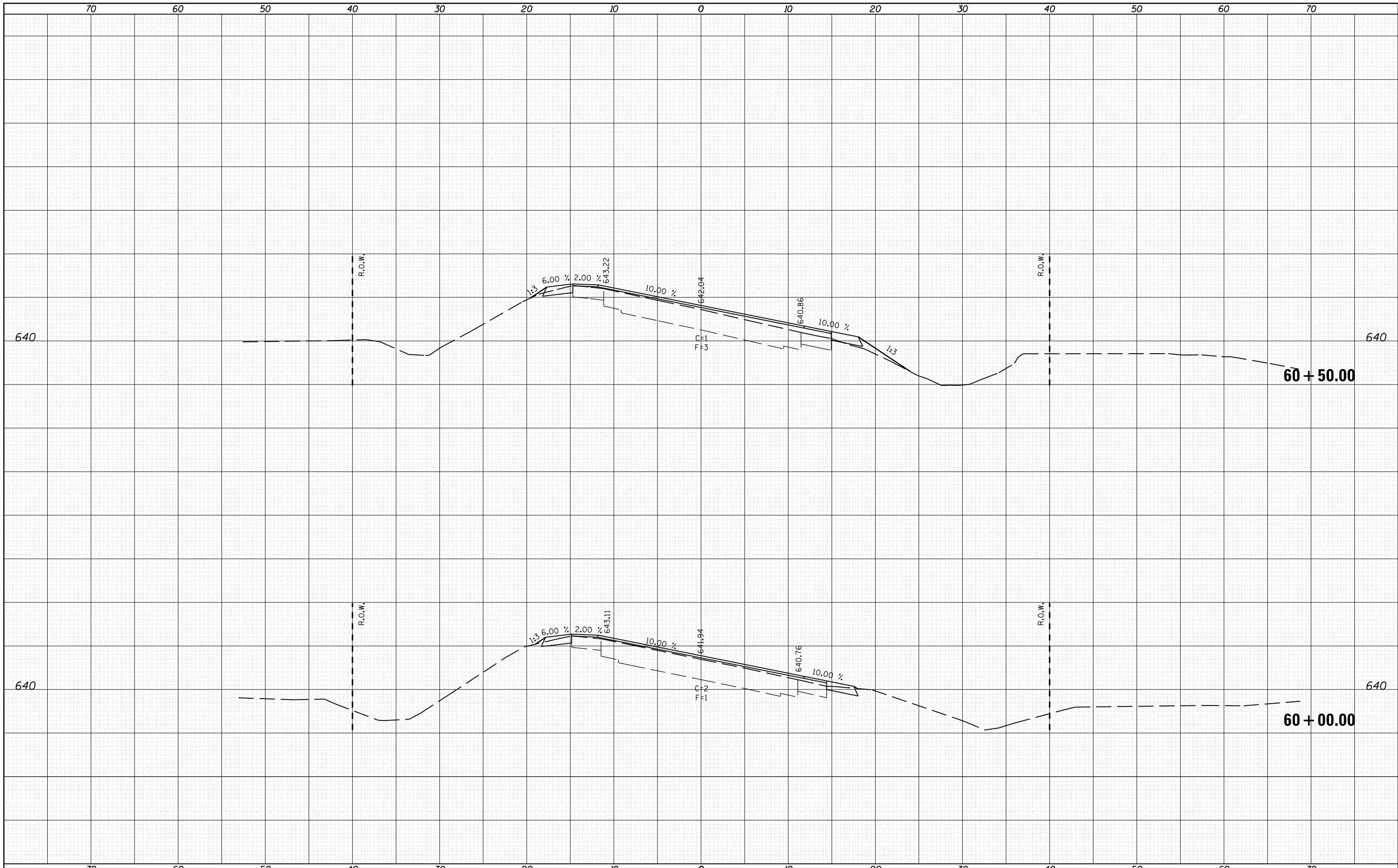
BY	DATE
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

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



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

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



FILE NAME =	USER NAME = martinjk	DESIGNED -	REVISIED -
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PLOT DATE = Nov-14-2011 03:43:17PM		DATE -	REVISIED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

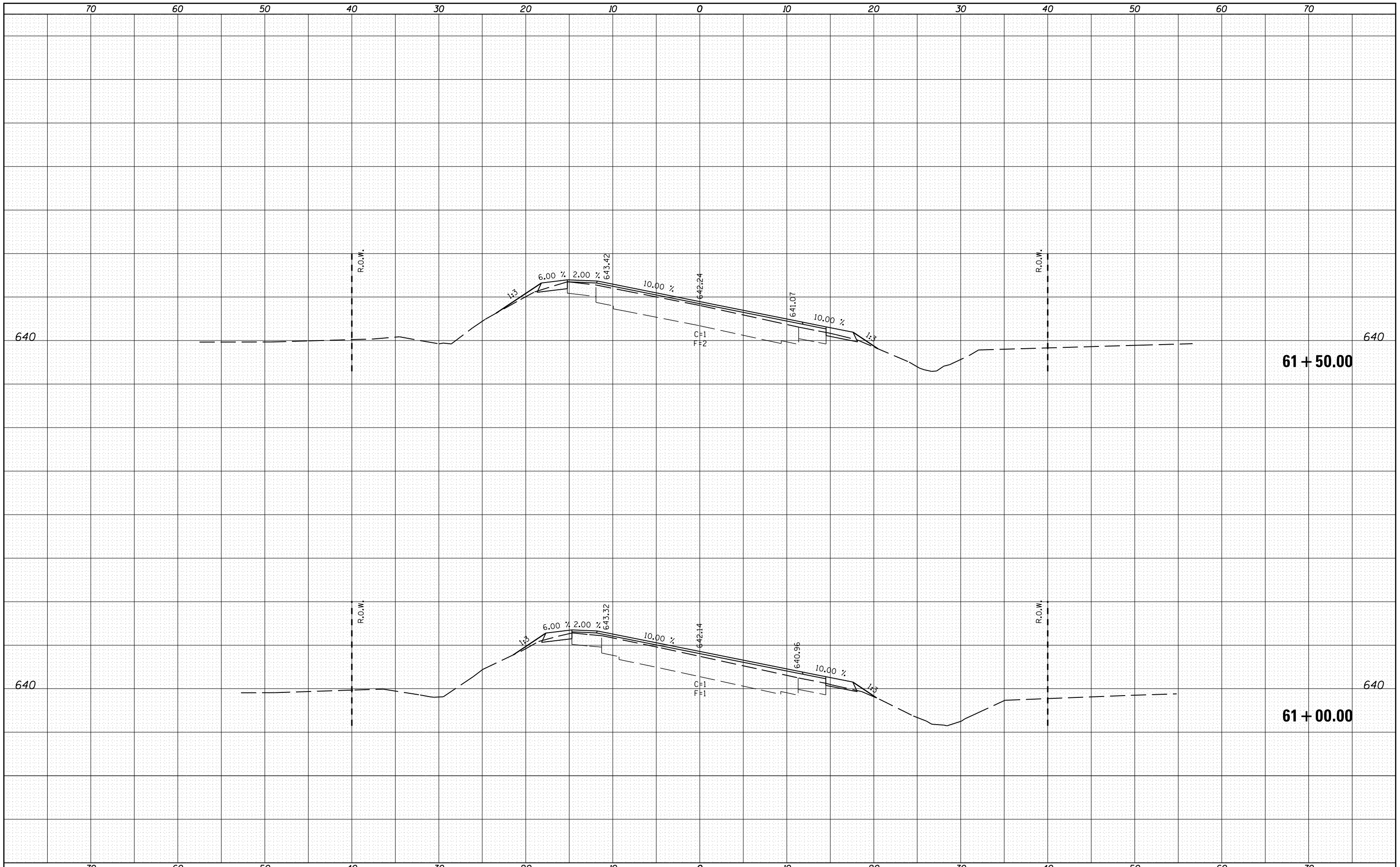
**CROSS SECTIONS  
IL 16**

SCALE:      SHEET      OF      SHEETS      STA. 60+00.00      TO      STA. 60+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325	14 R5-5	MACOUPIN	70	58
				CONTRACT NO. 72E47
ILLINOIS FED. AID PROJECT				

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

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



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USER NAME = martinjk  
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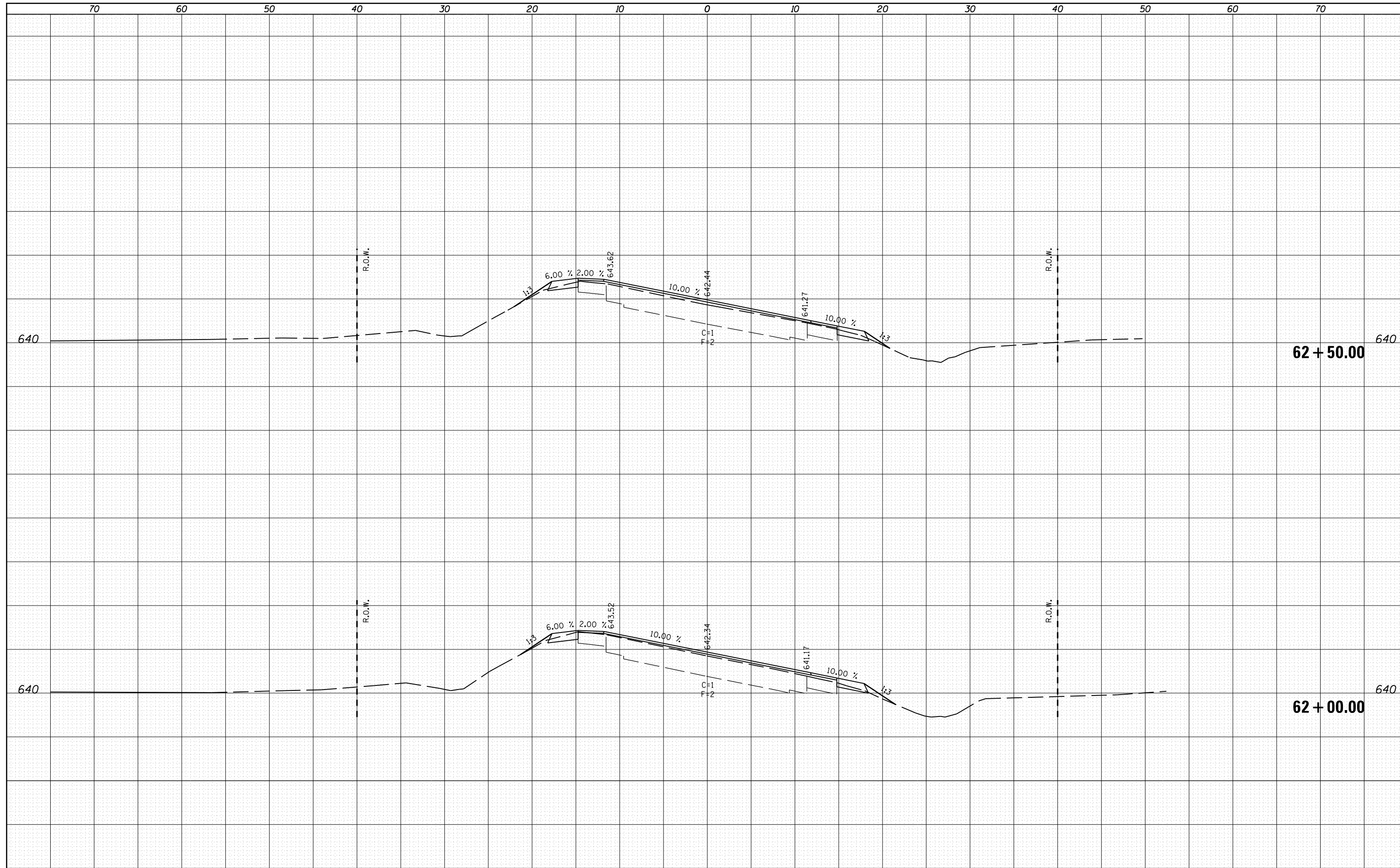
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 IL 16**  
 SCALE: SHEET OF SHEETS STA. 61+00.00 TO STA. 61+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325	14 RS-5	MACOUPIN	70	59
CONTRACT NO. 72E47			ILLINOIS FED. AID PROJECT	

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

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



FILE NAME =	USER NAME = martinjk	DESIGNED -	REVISED -
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		CHECKED -	REVISED -
		DATE -	REVISED -

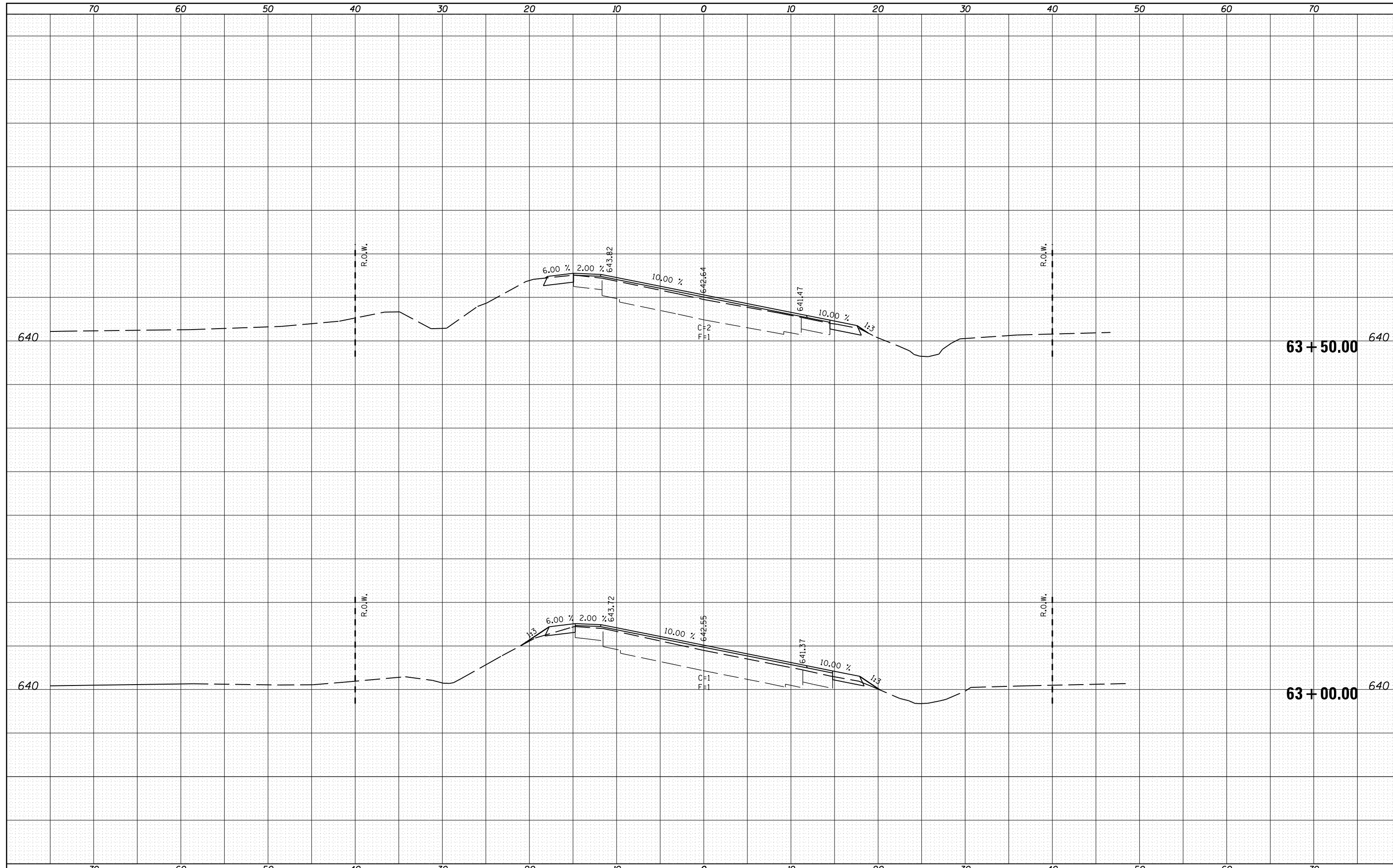
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>CROSS SECTIONS</b>			
<b>IL 16</b>			
SCALE:	SHEET	OF	SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325	14 RS-5	MACOUPIN	70	60
CONTRACT NO.			72E47	
ILLINOIS FED. AID PROJECT				

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

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



FILE NAME =	USER NAME = martinj	DESIGNED -	REVISED -
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

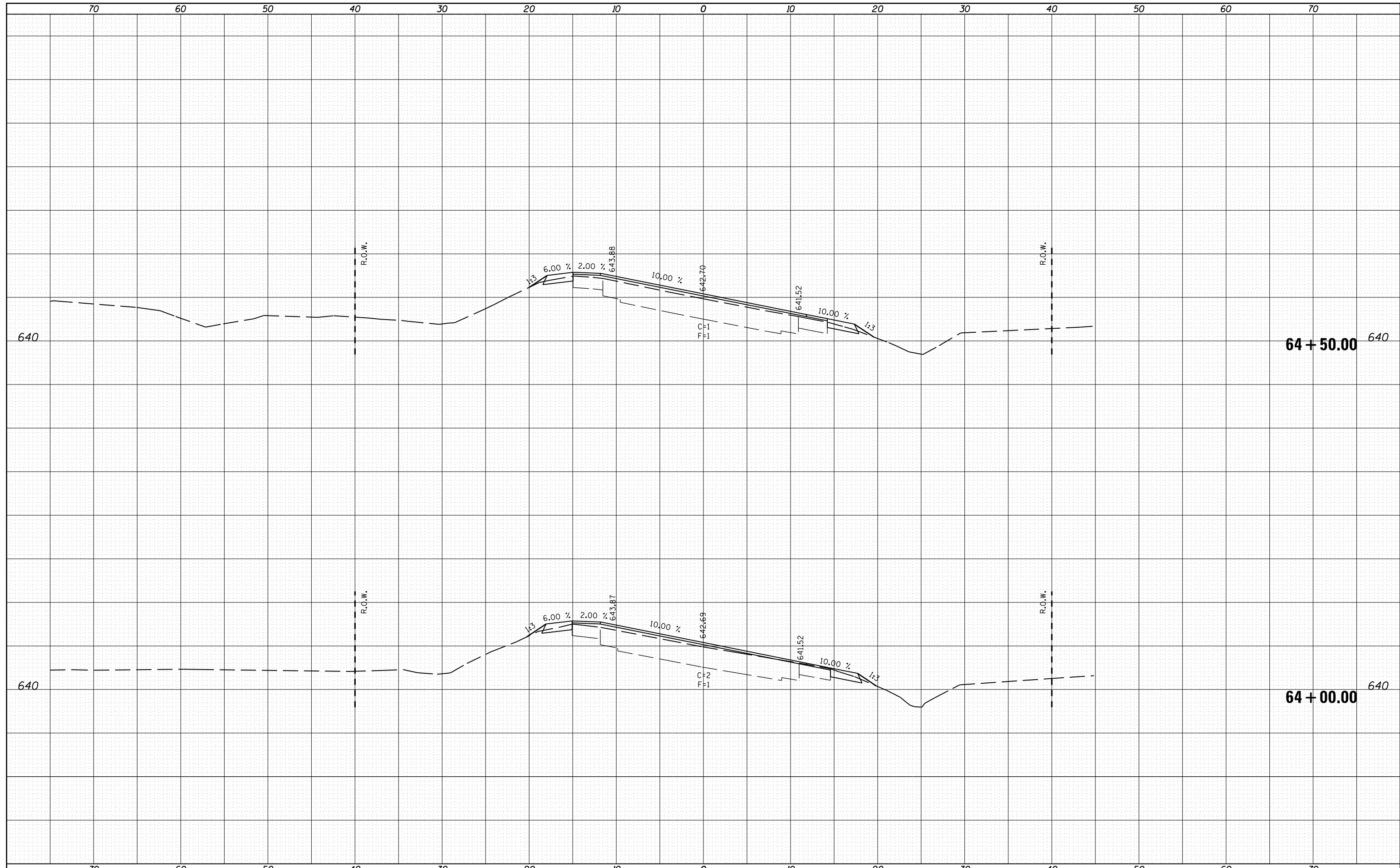
**CROSS SECTIONS  
IL 16**

SCALE: SHEET OF SHEETS STA. 63+00.00 TO STA. 63+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325	14 RS-5	MACOUPIN	70	61
CONTRACT NO. 72E47				
ILLINOIS FED. AID PROJECT				

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

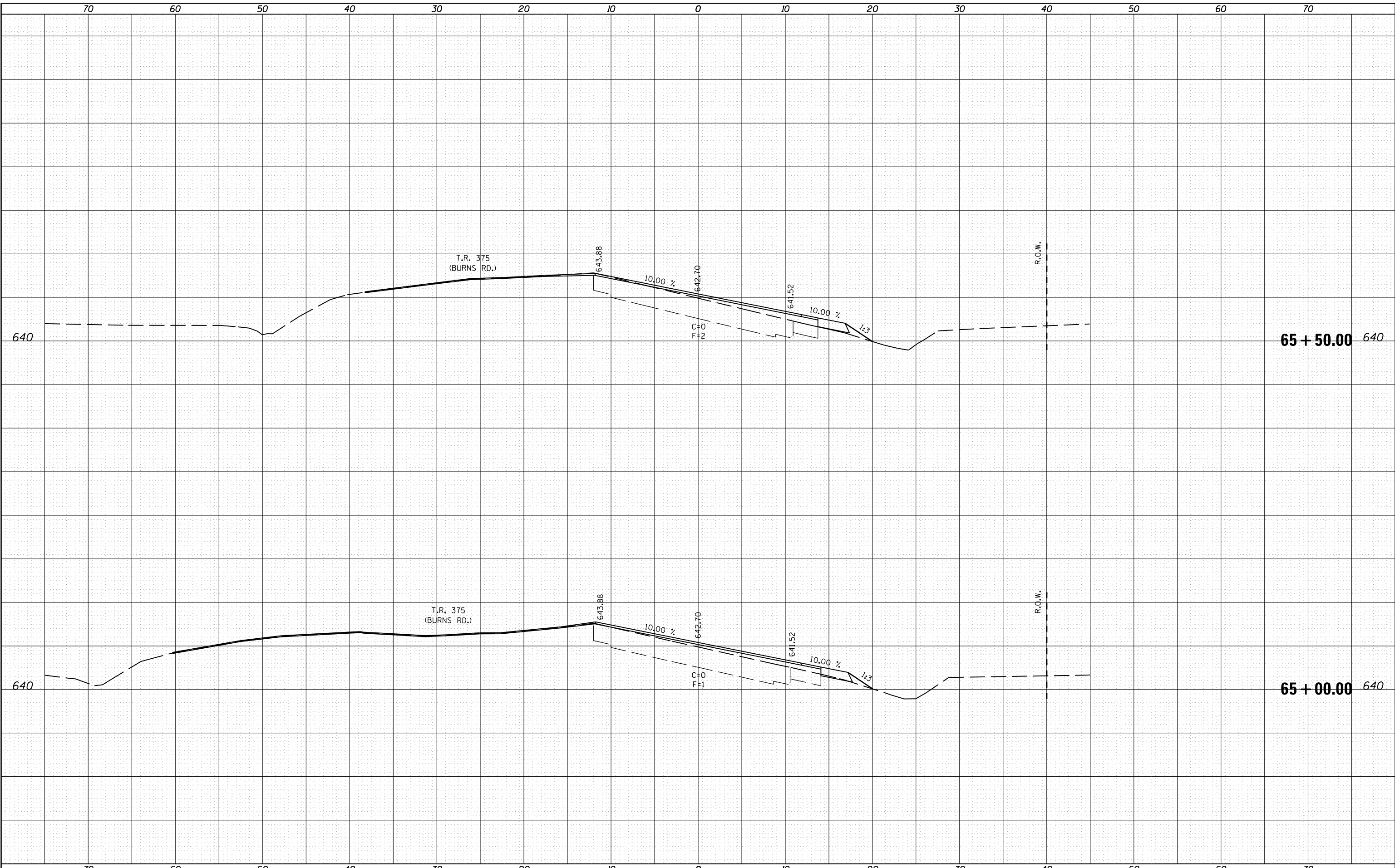
BY	DATE
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
ORIGINAL SURVEY NOTE BOOK NO.	



FILE NAME =	USER NAME = martinj	DESIGNED -	REVISIED -	<p align="center"><b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b></p>	<b>CROSS SECTIONS</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pw\work\p\dot\martinjk\10264305\0672E47-sh	xsst-curve-superelevation.dgn	DRAWN -	REVISIED -		<b>IL 16</b>			325	14 RS-5	MACOUPIN	70	62
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISIED -	REVISIED -		SCALE:	SHEET	OF SHEETS	STA. 64+00.00	TO STA. 64+50.00	<b>CONTRACT NO. 72E47</b>		
PLOT DATE = Nov-14-2011 03:43:19PM	DATE -	REVISIED -	REVISIED -		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 = martinjk	DESIGNED -	REVISED -
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		DATE -	REVISED -
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PLOT DATE = Nov-14-2011 03:43:20PM			

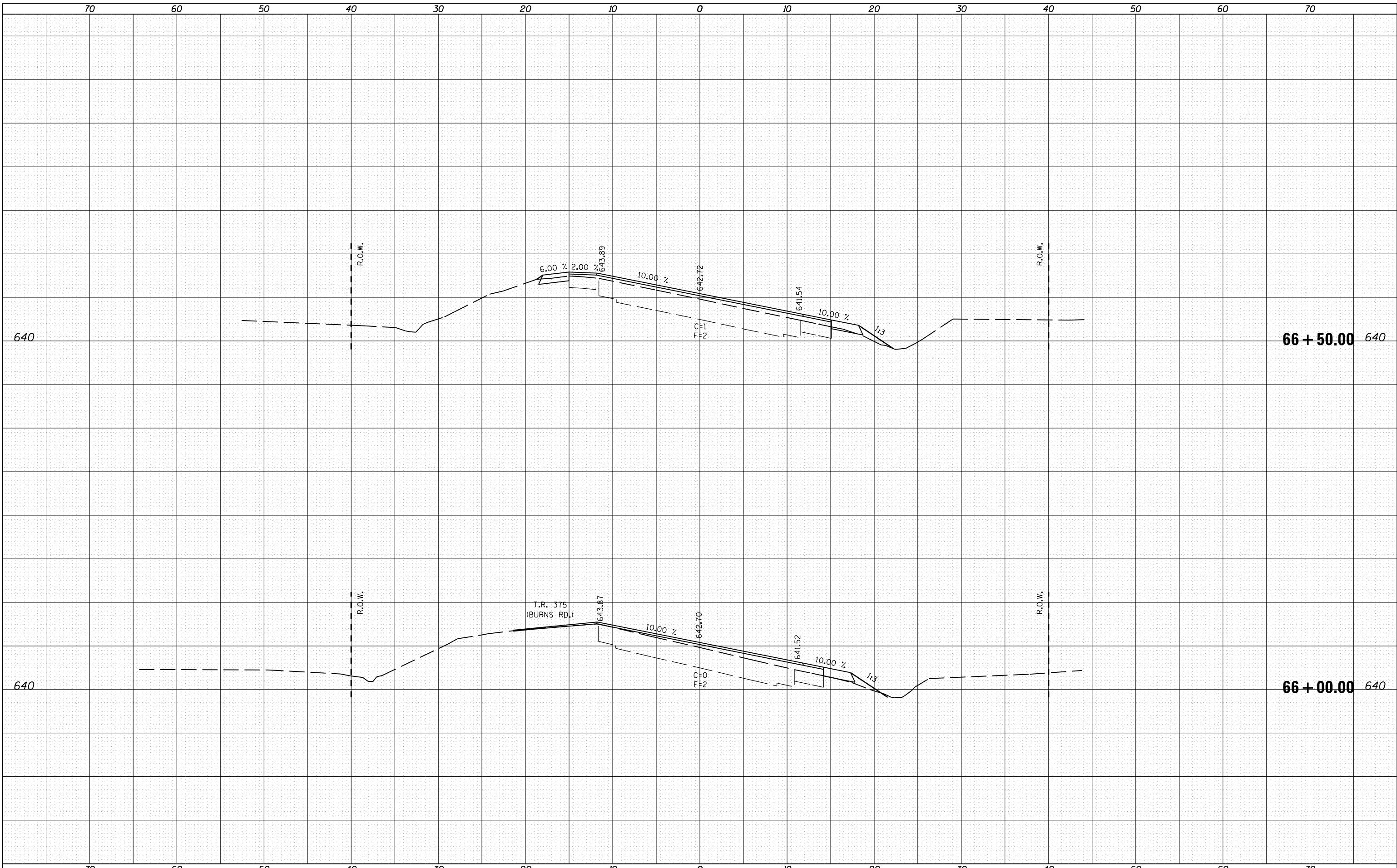
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>CROSS SECTIONS IL 16</b>			
SCALE:	SHEET	OF	SHEETS
		STA. 65+00.00	TO STA. 65+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325	14 RS-5	MACOUPIN	70	63
				CONTRACT NO. 72E47
ILLINOIS FED. AID PROJECT				

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

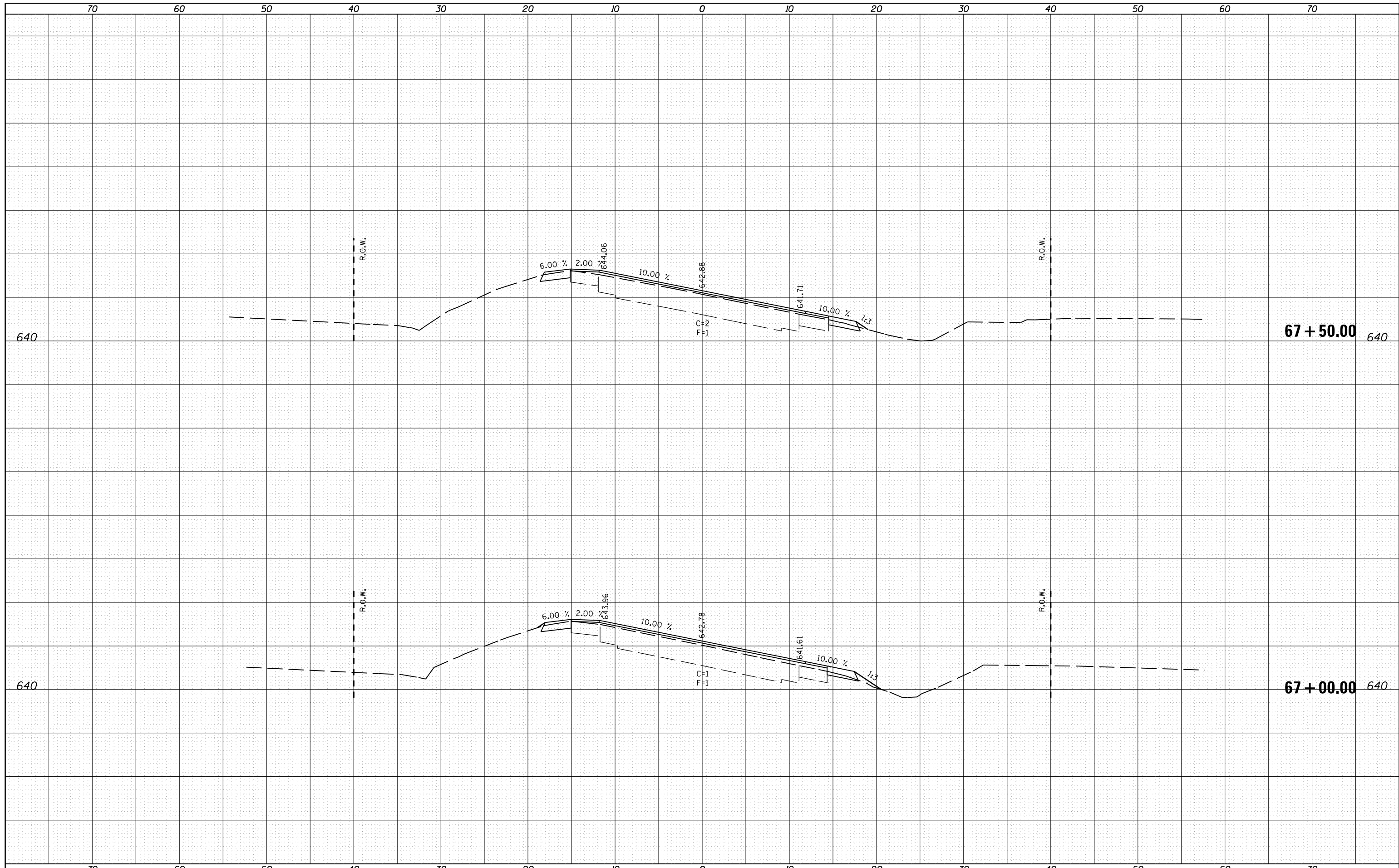
DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
NOTE BOOK	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	





DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
FINAL SURVEY NO.	

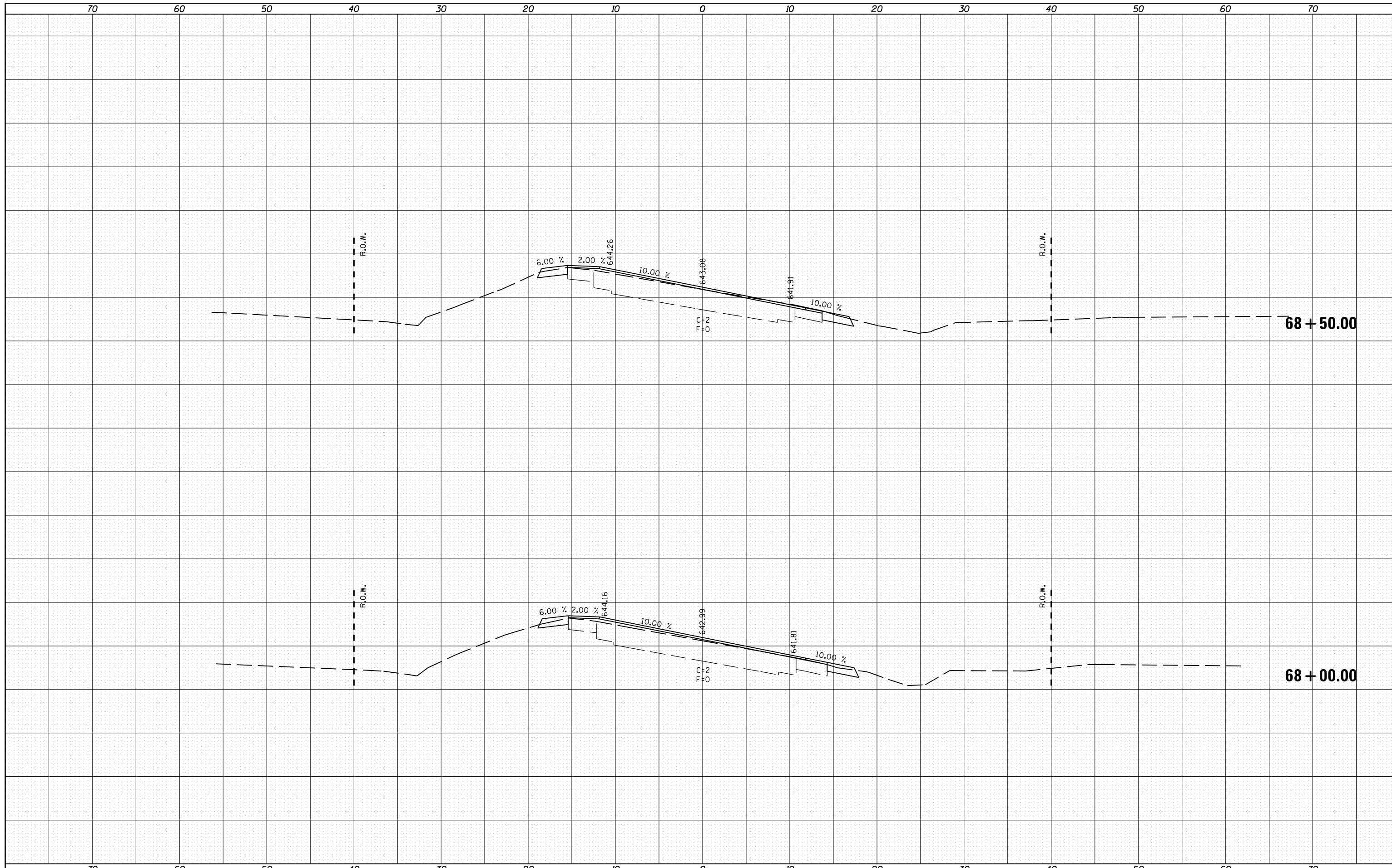
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AREAS	
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ORIGINAL SURVEY NO.	



FILE NAME =	USER NAME = martinj	DESIGNED -	REVISIED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS</b> <b>IL 16</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pw\work\p\dot\martinjk\d0264305\0672E47-sh\ssht-curve-superelevation.dgn	DRAWN -	REVISIED -	325					14 RS-5	MACOUPIN	70	65	
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISIED -	CONTRACT NO. 72E47			ILLINOIS FED. AID PROJECT						
PLOT DATE = Nov-14-2011 03:43:21PM	DATE -	REVISIED -	SCALE:		SHEET	OF	SHEETS	STA. 67+00.00	TO STA. 67+50.00			

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

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



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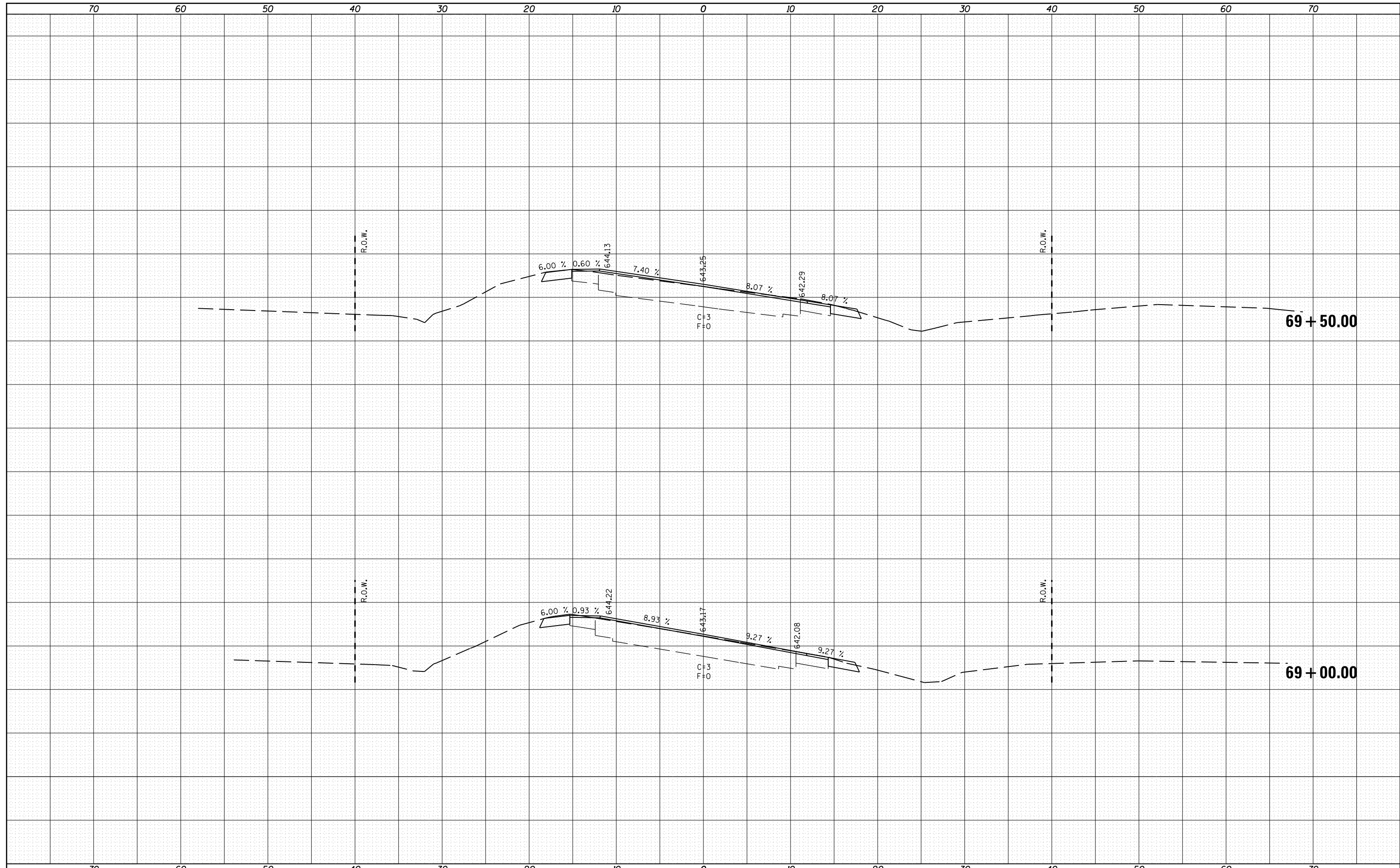
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>CROSS SECTIONS</b>			
<b>IL 16</b>			
SCALE:	SHEET	OF	SHEETS
			STA. 68+00.00 TO STA. 68+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO.			72E47	
ILLINOIS FED. AID PROJECT				

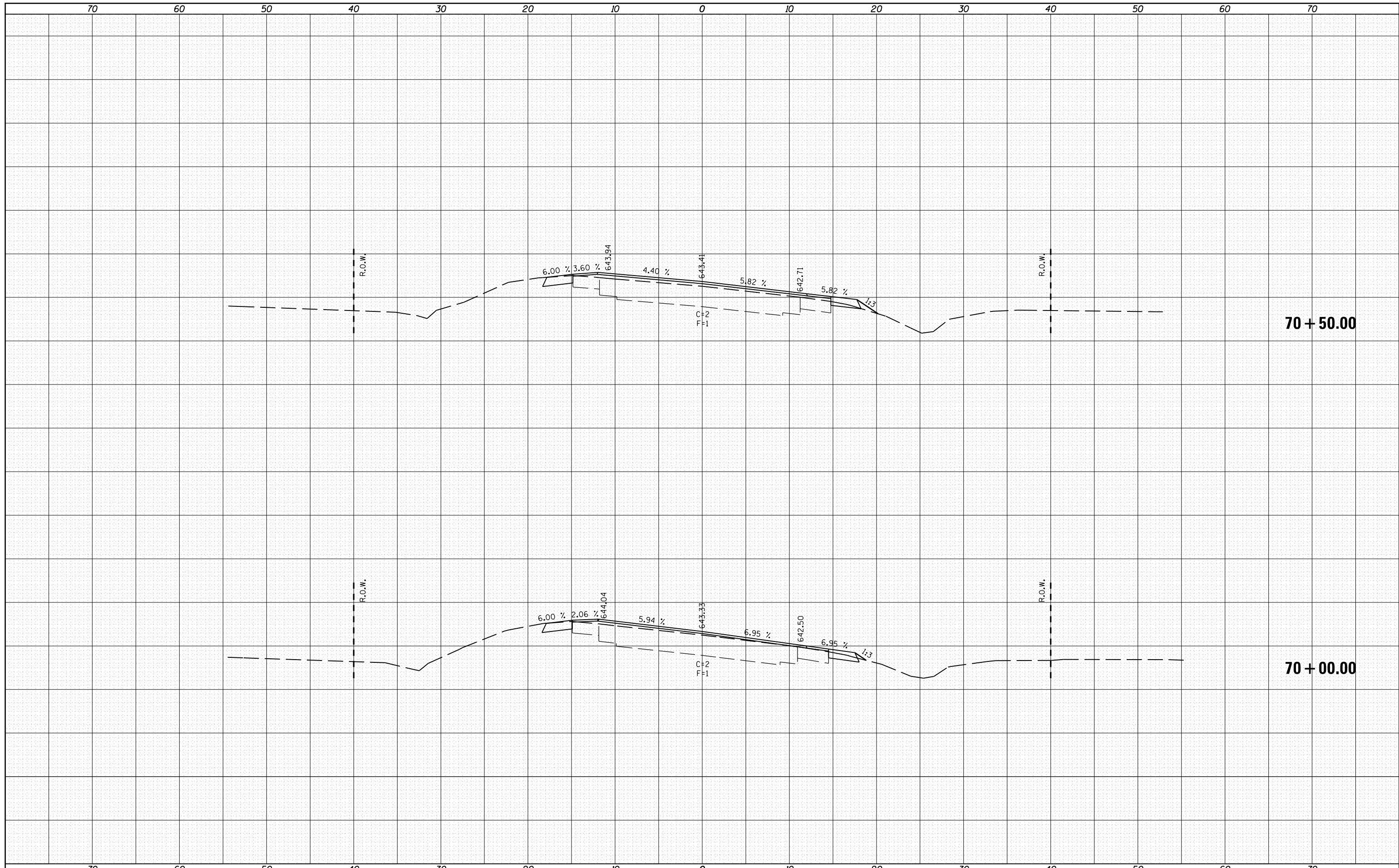
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FINAL SURVEY	
NOTE BOOK	
NO.	

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SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	



BY	DATE

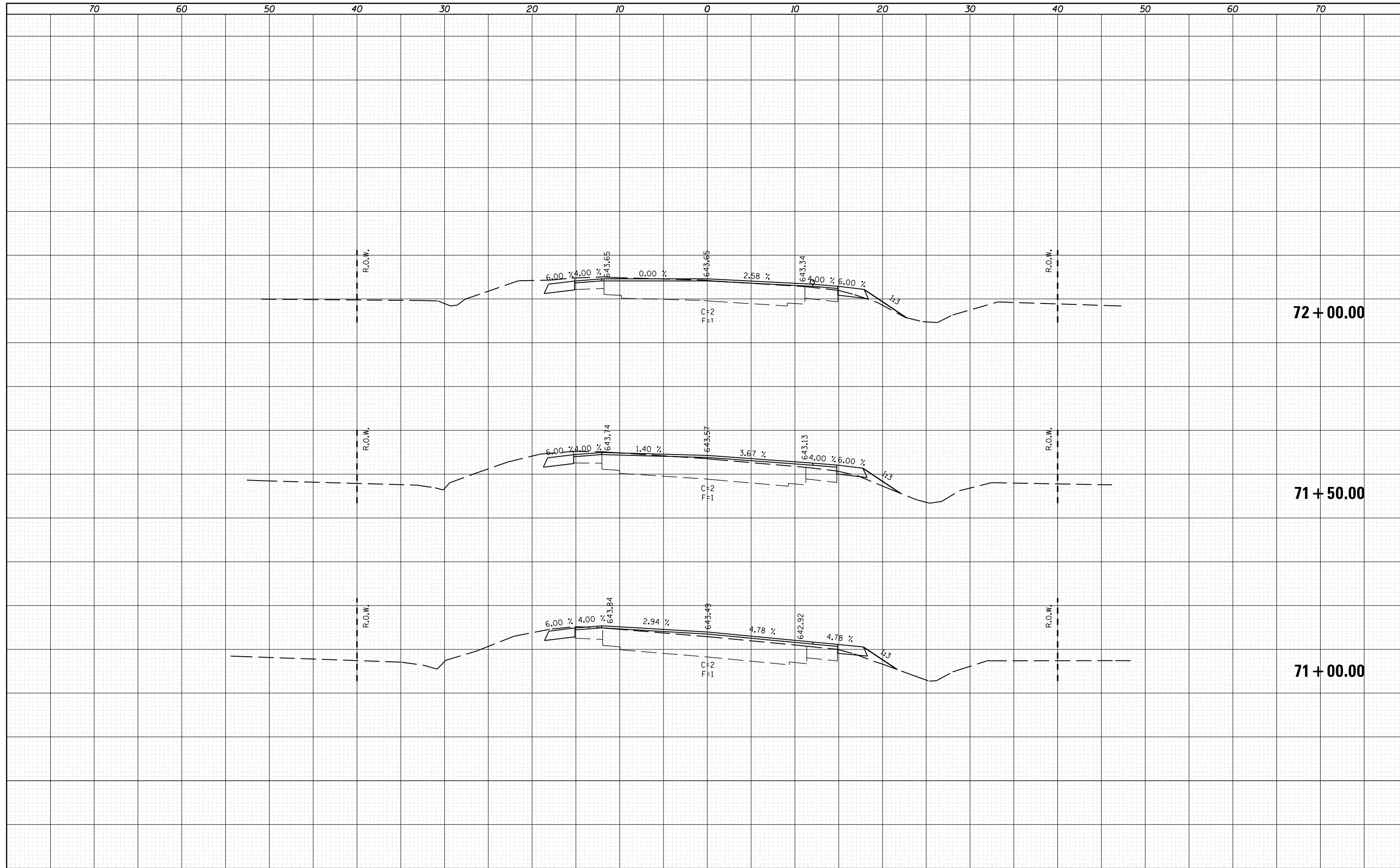
BY	DATE



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		DRAWN -	REVISED -					325	14 RS-5	MACOUPIN	70	68
		CHECKED -	REVISED -					CONTRACT NO. 72E47				
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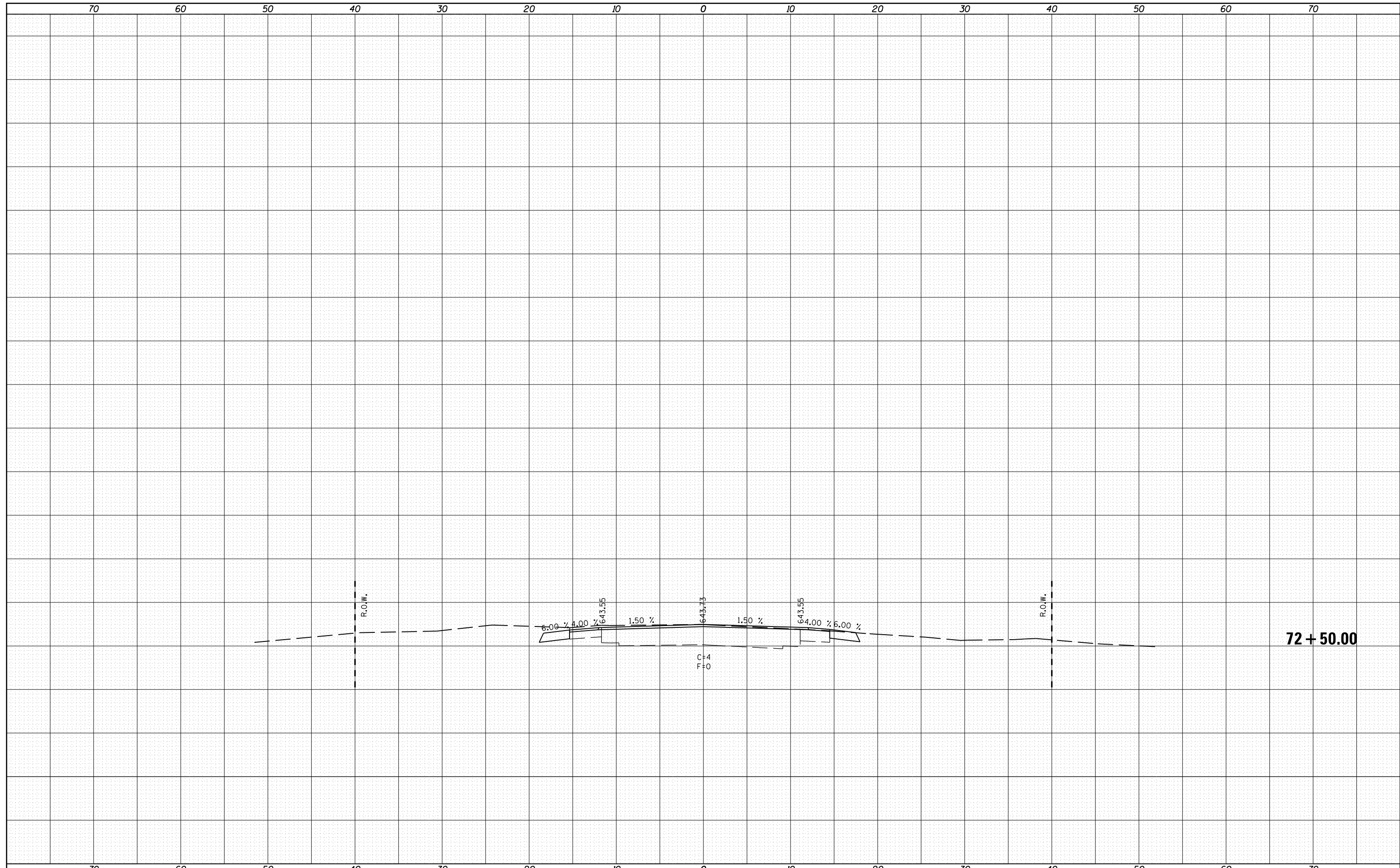
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BY	DATE
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TEMPLATE	
AREAS CHECKED	
ORIGINAL SURVEY NO.	



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FINAL SURVEY	
NOTE BOOK	
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NOTE BOOK	
NO.	



FILE NAME =	USER NAME = martinjk	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS IL 16</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw\work\pwidot\martinjk\d0264305\0672E47-sh	xssht-curve-superelevation.dgn	DRAWN -	REVISED -		325	14 RS-5	MACOUPIN	70	70			
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