

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

**PROPOSED  
HIGHWAY PLANS**

FAP ROUTE 315 (US 136)  
SECTION 116RS-4

PROJECT NHF-0315(060)  
RESURFACING AND SHOULDER ADDITIONS  
LOGAN COUNTY

C-96-097-08

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	116RS-4	LOGAN	27	1
		ILLINOIS	CONTRACT NO. 72C22	

**INDEX OF SHEETS**

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- 9-23 PLAN VIEW
- 24 RUMBLE STRIP DETAIL
- 25-26 RURAL ENTRANCE & MAILBOX TURNOUT DETAILS
- 27 SIDEROAD DETAILS

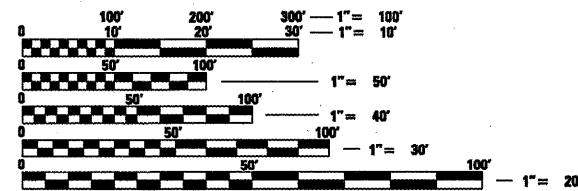
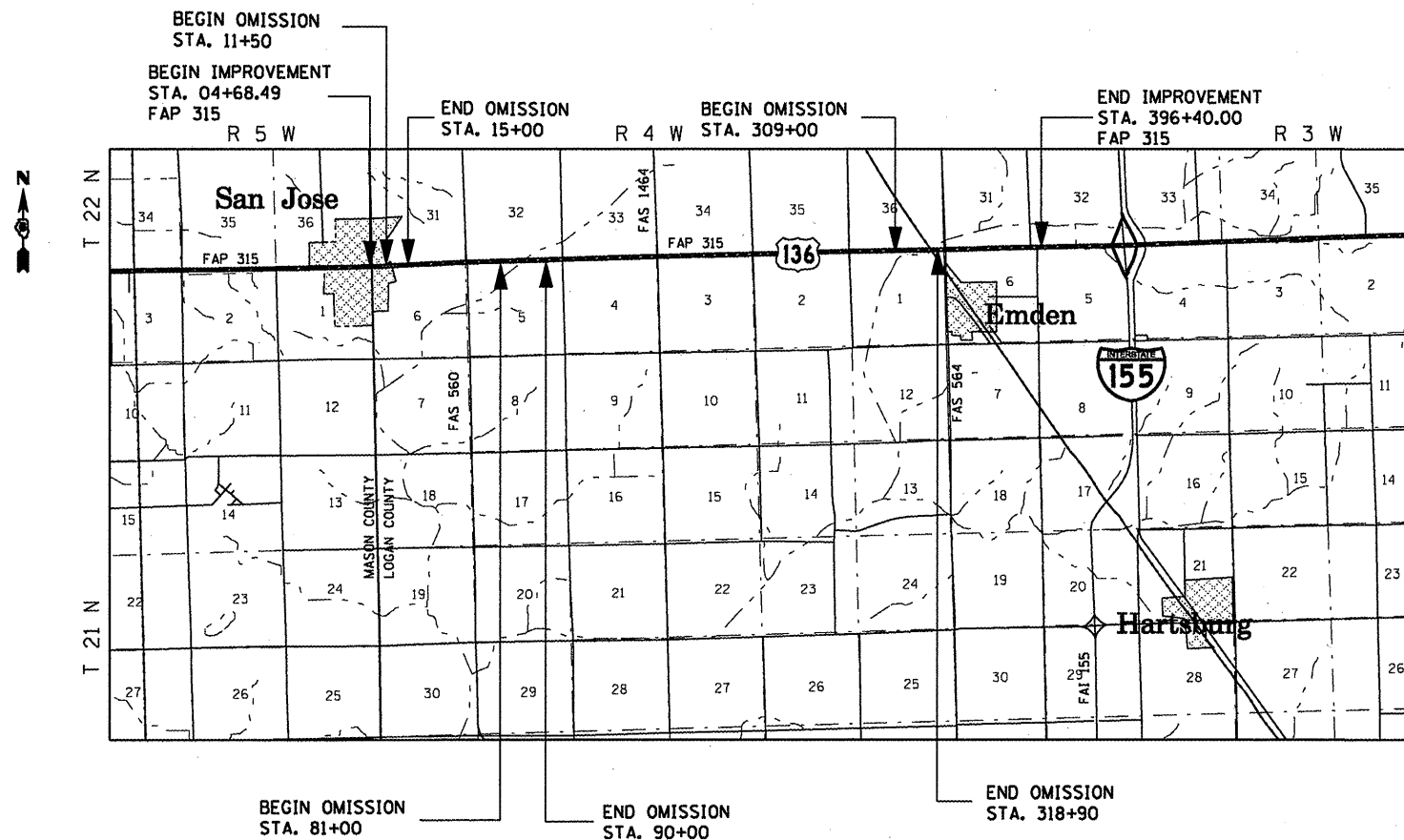
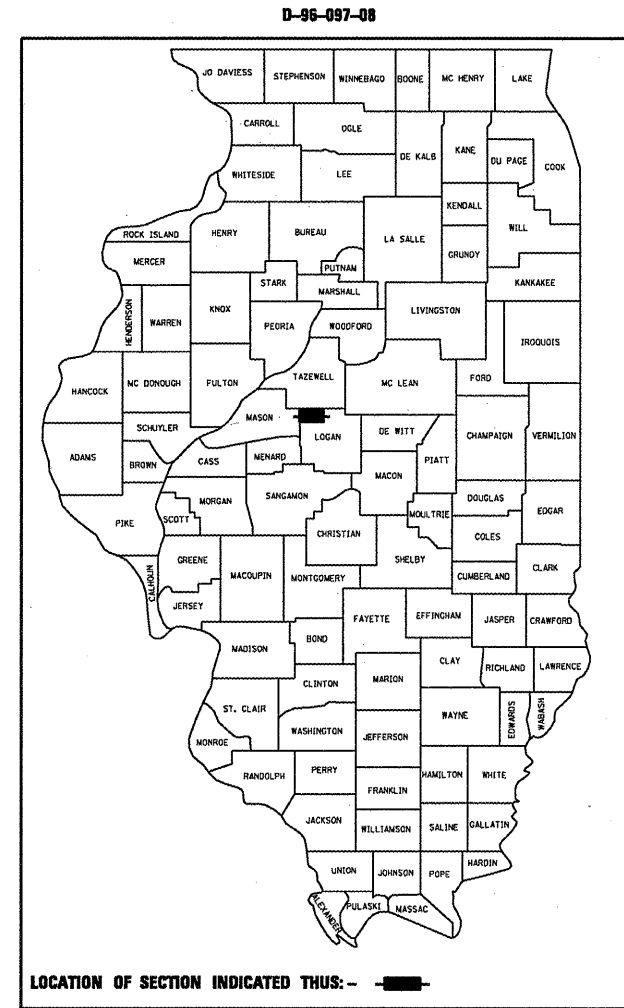
**HIGHWAY CLASSIFICATION**

US 136 - OTHER PRINCIPAL ARTERIAL

ADT = 2150 (2009)

SU = 10.5%

MU = 17.4%



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: JOHN NEGANGARD  
PROJECT MANAGER: VICTOR YOUNG

CONTRACT NO. 72C22

GROSS LENGTH = 39,171.51 FT. = 7.42 MILE  
NET LENGTH = 36,931.51 FT. = 6.99 MILE

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED *December 16, 2010*  
*Rep. 2010*  
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

*February 4, 2011*  
*Scott E. Stitt, P.E.*  
ENGINEER OF DESIGN AND ENVIRONMENT

*February 4, 2011*  
*Christine M. Reed*  
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS**

GENERAL NOTES:

- 1 ALL ELEVATIONS SHOWN IN THE PLANS ARE U. S. G. S. MEAN SEA LEVEL DATUM.
- 2 ANY REFERENCE TO THE STANDARDS THROUGHOUT THE PLANS SHALL BE INTERPRETED TO BE THE LATEST STANDARDS OF THE DEPARTMENT AS INCLUDED IN THE PLANS.
- 3 THE LOCATION OF THOSE BURIED AND ABOVE GROUND UTILITIES SHOWN ARE APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.26 OF THE STANDARD SPECIFICATIONS. THE J.U.L.I.E. NUMBER IS (800) 892-0123. A MINIMUM OF 48 HOURS ADVANCE NOTICE IS REQUIRED, SEE SPECIAL PROVISIONS FOR STATUS OF UTILITIES, WITH UTILITY COMPANIES LISTED.
- 4 THE EXISTING ROAD SIGNS THAT INTERFERE WITH CONSTRUCTION SHALL BE RELOCATED AS DIRECTED BY THE ENGINEER. AFTER THE CONSTRUCTION IS COMPLETE, THE CONTRACTOR SHALL REPLACE THE SIGNS AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT CONSIDERED INCLUDED IN THE CONTRACT UNIT BID PRICES.
- 5 ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH THE CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF RIGHT-OF-WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT BID PRICE FOR EARTH EXCAVATION. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

6 THE FOLLOWING APPLICATION RATES WERE USED FOR QUANTITY CALCULATIONS:

LEVELING BINDER	0.056 TON/SQ YD *in
BIT. CONC. SURF. CSE	0.056 TON/SQ YD *in
AGG. SHLDS./BASE CSE.	2.05 TON/CU.YD
BIT. MATLS. (PR COAT)	0.00038 TON/SQ YD
AGG. (PR COAT)	0.002 TON/SQ YD

7 ACCESS TO ALL PROPERTIES SHALL BE MAINTAINED DURING CONSTRUCTION ACTIVITIES. WHEN UNAVOIDABLE, REASONABLE PARKING SHALL BE PROVIDED FOR THOSE PROPERTIES WHICH ARE TEMPORARILY UNACCESSIBLE.

8 THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE DISTRICT 6 OPERATIONS 14 DAYS IN ADVANCE OF ANY WORK TO VERIFY THE LOCATION OF ANY PASSING ZONES.

STANDARDS:

000001-06	701201-04
442201-03	701306-03
630001-09	701311-03
701001-02	701326-04
701006-03	701501-06
701011-02	701901-01
	780001-02
	781001-03

COMMITMENTS

COMMITMENTS ARE NOT TO BE ALTERED WITHOUT THE WRITTEN APPROVAL OF ALL PARTIES TO WHICH THE COMMENTS WERE MADE.

1. THE RESIDENT ENGINEER SHALL CONTACT STUDIES AND PLANS CONCERNING ANY MAJOR PLAN CHANGES.
2. INFORMATIONAL LETTER WITH THE CITY OF SAN JOSE
3. RAILROAD LIABILITY INSURANCE SHALL BE OBTAINED BY THE CONTRACTOR.

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE:

MIXTURE USE(S):	HMA SURFACE	LEVELING BINDER	INCIDENTAL HMA SURFACING	HMA SHOULDERS	HMA SHOULDERS 6 1/2"	HMA PATCHING
PG	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 58-22	PG 64-22
DESIGN AIR VOIDS	4.0% @ N 70	4.0% @ N 70	4.0% @ N 50	4.0% @ N 50	2.0% @ N 30	4.0% @ N 70
MIXTURE COMPOSITION (GRADATION MIXTURE)	IL 9.5 OR 12.5	IL 9.5	IL 9.5 OR 12.5	IL 9.5 OR 12.5	BAM (OTHER)	IL 19.0
FRICTION AGGREGATE	MIX C	MIX C	MIX C	MIX C	N/A	N/A

Route \_\_\_\_\_  
 Section \_\_\_\_\_  
 County \_\_\_\_\_

**DISTRICT SIX**

EXAMINED DECEMBER 15 20 10  
*Rie Wall*  
 OPERATIONS ENGINEER

Route \_\_\_\_\_  
 Section \_\_\_\_\_  
 County \_\_\_\_\_

EXAMINED DEC 13 20 10  
*Jimmy F...*  
 PROJECT IMPLEMENTATION ENGINEER

EXAMINED December 15 20 10  
*ARM L.L.*  
 PROGRAM DEVELOPMENT ENGINEER

ILLINOIS DEPARTMENT OF TRANSPORTATION

CODE NO.	ITEM	UNIT	TOTAL	
			80% FEDERAL 20% STATE	FAP315 US 136 0005 80% FEDERAL 20% STATE
20200600	EXCAVATING AND GRADING EXISTING SHOULDER	UNIT	716.0	716.0
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	202.0	202.0
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	90.0	90.0
40600300	AGGREGATE (PRIME COAT)	TON	264.0	264.0
40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	4290.0	4290.0
40600895	CONSTRUCTING TEST STRIP	EACH	1.0	1.0
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	3343.0	3343.0
40600990	TEMPORARY RAMP	SQ YD	334.0	334.0
40603315	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70	TON	8563.0	8563.0
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	422.0	422.0
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	2569.0	2569.0
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	131952.0	131952.0
44200120	PAVEMENT PATCHING, TYPE II, 10 INCH	SQ YD	500.0	500.0
44200124	PAVEMENT PATCHING, TYPE III, 10 INCH	SQ YD	175.0	175.0
44200126	PAVEMENT PATCHING, TYPE IV, 10 INCH	SQ YD	30.0	30.0
48101200	AGGREGATE SHOULDERS, TYPE B	TON	3626.0	3626.0
48203023	HOT-MIX ASPHALT SHOULDERS, 6 1/2"	SQ YD	23860.0	23860.0
64200105	SHOULDER RUMBLE STRIPS	FOOT	73864.0	73864.0
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	8.0	8.0
67100100	MOBILIZATION	L SUM	1.0	1.0
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1.0	1.0
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1.0	1.0
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1.0	1.0
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1.0	1.0
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	10.0	10.0
70300100	SHORT TERM PAVEMENT MARKING	FOOT	11080.8	11080.8
70300230	TEMPORARY PAVEMENT MARKING - LINE 5"	FOOT	89587.0	89587.0
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	1231.0	1231.0
* 78001120	PAINT PAVEMENT MARKING - LINE 5"	FOOT	89587.0	89587.0
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	462.0	462.0
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	462.0	462.0

\*SPECIALTY ITEM

FILE NAME =	USER NAME = laughtinr1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et\pwwork\pwwork\laughtinr1\0217938\062022-shr-500.dgn	2022-shr-500.dgn	DRAWN -	REVISED -					315	116RS-4	LOGAN	27	3
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -	REVISED -		SCALE:	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	CONTRACT NO. 72C22			
PLOT DATE = Jan-03-2011 08:27:27AM	DATE -	REVISED -	REVISED -					ILLINOIS FED. AID PROJECT				

INCIDENTAL HMA SURFACING												
LOCATION		DESCRIPTION	WIDTH AT EOP (FT)	WIDTH AT BUTT JT (FT)	LENGTH (FT)	AREA (SQ YD)	HMA THICKNESS (IN)	INC HMA SURF (TONS)	BIT MATS (PR CT) (TONS)	AGG (PRIME COAT) (TONS)	HMA BUTT JOINT (SQ YD)	TEMP RAMP (SQ YD)
STATION	RT / LT											
4+38.49		BEGIN IMP	30.0	30.0	30.0	100.0	2.25	12.6	0.04	0.20	100.0	16.7
5+45	LT	SIDE ROAD	60.0	28.0	29.0	141.8	2.25	17.9	0.05	0.28	141.8	15.6
7+98.05	RT	SIDE ROAD	47.0	41.0	21.0	102.7	2.25	12.9	0.04	0.21	102.7	22.8
11+50.0		*1 BEGINS	30.0	30.0	30.0	100.0	2.25	12.6	0.04	0.20	100.0	16.7
15+00.0		*1 END	27.0	27.0	30.0	90.0	2.25	11.3	0.03	0.18	90.0	15.0
56+83.65	RT	SIDE ROAD	88.0	30.0	55.0	360.6	2.25	45.4	0.14	0.72	360.6	16.7
81+00.0		*2 BEGINS	30.0	30.0	30.0	100.0	2.25	12.6	0.04	0.20	100.0	16.7
90+00.0		*2 ENDS	30.0	30.0	30.0	100.0	2.25	12.6	0.04	0.20	100.0	16.7
109+62.82	RT	SIDE ROAD	62.0	27.0	34.0	168.1	2.25	21.2	0.06	0.34	168.1	15.0
162+31.06	RT	SIDE ROAD	93.0	29.0	18.0	122.0	2.25	15.4	0.05	0.24	122.0	16.1
162+31.06	LT	SIDE ROAD	106.0	32.0	33.0	253.0	2.25	31.9	0.10	0.51	253.0	17.8
268+32.24	RT	SIDE ROAD	74.0	24.0	32.0	174.2	2.25	22.0	0.07	0.35	174.2	13.3
268+32.24	LT	SIDE ROAD	56.0	25.0	34.0	153.0	2.25	19.3	0.06	0.31	153.0	13.9
309+00.0		*3 BEGINS	30.0	30.0	30.0	100.0	2.25	12.6	0.04	0.20	100.0	16.7
318+90.0		*3 ENDS	30.0	30.0	30.0	100.0	2.25	12.6	0.04	0.20	100.0	16.7
321+35.52	RT	SIDE ROAD	128.0	30.0	68.0	596.9	2.25	75.2	0.23	1.19	596.9	16.7
321+35.52	LT	SIDE ROAD	64.0	30.0	15.0	78.3	2.25	9.9	0.03	0.16	78.3	16.7
368+14.29	LT	SIDE ROAD	39.0	26.0	20.0	72.2	2.25	9.1	0.03	0.14	72.2	14.4
371+56.63	RT	SIDE ROAD	94.0	41.0	44.0	330.0	2.25	41.6	0.13	0.66	330.0	22.8
396+10		END IMP	30.0	30.0	30.0	100.0	2.25	12.6	0.04	0.20	100.0	16.7
TOTAL:								421.2	1.3	6.7	3342.8	333.3

\* OMISSION

HMA SURFACE SCHEDULE										
LOCATION			DESCRIPTION	LENGTH (FOOT)	WIDTH (FOOT)	AREA (SQ YD)	BITUMINOUS MATERIALS (PRIME COAT) (TON)	AGGREGATE (PRIME COAT) (TON)	LEVEL BINDER MM N70 (TON)	HMA SURF CRSE (TON)
STATION	TO	STATION								
4+68.5	TO	11+50.0	EB DL	681.5	22.0	1665.9	1.27	3.33	69.97	139.94
15+00.0	TO	19+10.0	EB DL	410.0	22.0	1002.2	0.76	2.00	42.09	84.19
19+10.0	TO	21+50.0	EB DL	240.0	12.0	320.0	0.24	0.64	13.44	26.88
21+50.0	TO	21+80.0	EB DL	30.0	20.0	66.7	0.05	0.13	2.80	5.60
21+80.0	TO	44+12.0	EB DL	2232.0	12.0	2976.0	2.26	5.95	124.99	249.98
44+12.0	TO	49+60.0	EB DL	548.0	20.0	1217.8	0.93	2.44	51.15	102.29
49+60.0	TO	81+00.0	EB DL	3140.0	12.0	4186.7	3.18	8.37	175.84	351.68
90+00.0	TO	309+00.0	EB DL	21900.0	12.0	29200.0	22.19	58.40	1226.40	2452.80
318+90.0	TO	396+40.0	EB DL	7750.0	12.0	10333.3	7.85	20.67	434.00	868.00
4+68.5	TO	11+50.0	WB DL	681.5	22.0	1665.9	1.27	3.33	69.97	139.94
15+00.0	TO	19+10.0	WB DL	410.0	22.0	1002.2	0.76	2.00	42.09	84.19
19+10.0	TO	21+50.0	WB DL	240.0	12.0	320.0	0.24	0.64	13.44	26.88
21+50.0	TO	21+80.0	WB DL	30.0	20.0	66.7	0.05	0.13	2.80	5.60
21+80.0	TO	44+12.0	WB DL	2232.0	12.0	2976.0	2.26	5.95	124.99	249.98
44+12.0	TO	49+60.0	WB DL	548.0	20.0	1217.8	0.93	2.44	51.15	102.29
49+60.0	TO	81+00.0	WB DL	3140.0	12.0	4186.7	3.18	8.37	175.84	351.68
90+00.0	TO	309+00.0	WB DL	21900.0	12.0	29200.0	22.19	58.40	1226.40	2452.80
318+90.0	TO	396+40.0	WB DL	7750.0	12.0	10333.3	7.85	20.67	434.00	868.00
TOTAL:				73863.0		101937.1	77.47	203.87	4281.36	8562.72

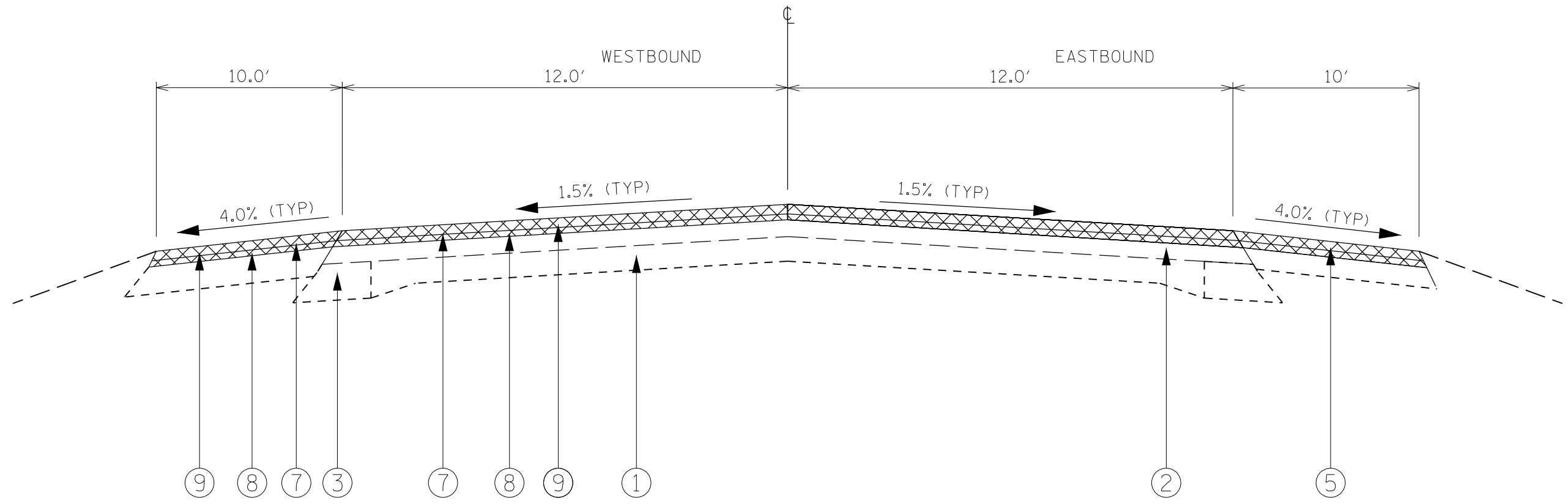
AGGREGATE SURFACE										
LOCATION			DESCRIPTION	WIDTH AT EOP (FT)	WIDTH AT BUTT JT (FT)	LENGTH (FT)	AREA (SQ YD)	AGG THICKNESS (IN)	AGG VOLUME (CB YD)	AGG SURF CRSE TYPE B (TON)
STATION	RT / LT									
23+32	LT		DRIVEWAY	25.0	15.0	10.0	22.2	2.50	1.5	3.2
24+84	LT		DRIVEWAY	50.0	28.0	15.0	65.0	2.50	4.5	9.3
25+40	LT		DRIVEWAY	15.0	10.0	10.0	13.9	2.50	1.0	2.0
35+62	RT		DRIVEWAY	15.0	10.0	11.0	15.3	2.50	1.1	2.2
42+24	LT		DRIVEWAY	15.0	10.0	10.0	13.9	2.50	1.0	2.0
47+68	LT		DRIVEWAY	15.0	15.0	6.0	10.0	2.50	0.7	1.4
64+04	RT		DRIVEWAY	18.0	12.0	10.0	16.7	2.50	1.2	2.4
94+64	LT		DRIVEWAY	25.0	15.0	10.0	22.2	2.50	1.5	3.2
95+90	RT		FIELD ENTRANCE	20.0	16.0	10.0	20.0	2.50	1.4	2.8
109+63	LT		SIDE ROAD	45.0	20.0	25.0	90.3	2.50	6.3	12.9
190+72	LT		DRIVEWAY	20.0	20.0	15.0	33.3	2.50	2.3	4.7
191+12	LT		DRIVEWAY	20.0	15.0	20.0	38.9	2.50	2.7	5.5
215+10	RT		SIDE ROAD	50.0	15.0	20.0	72.2	2.50	5.0	10.3
215+30	LT		SIDE ROAD	68.0	14.0	35.0	159.4	2.50	11.1	22.7
248+96	RT		DRIVEWAY	25.0	12.0	15.0	30.8	2.50	2.1	4.4
251+06	RT		DRIVEWAY	25.0	15.0	10.0	22.2	2.50	1.5	3.2
294+88	LT		FIELD ENTRANCE	12.0	16.0	10.0	15.6	2.50	1.1	2.2
357+80	LT		DRIVEWAY	20.0	12.0	15.0	26.7	2.50	1.9	3.8
381+84	LT		DRIVEWAY	25.0	15.0	10.0	22.2	2.50	1.5	3.2
TOTAL:										101.2

HMA SURFACE REMOVAL									
LOCATION			DESCRIPTION	LENGTH (FOOT)	WIDTH (FOOT)	AREA (SQ YD)	HMA SURF REM VAR DEPTH (SQ YD)	HMA SURF REM 2 1/4" (SQ YD)	HMA SURF REM BUTT JOINT (SQ YD)
STATION	TO	STATION							
4+68.5	TO	11+50.0	EB DL	681.5	12.0	908.7	1211.6		
15+00.0	TO	19+10.0	EB DL	410.0	12.0	546.7	728.9		
19+10.0	TO	21+50.0	EB DL	240.0	12.0	320.0	426.7		
21+50.0	TO	21+80.0	EB DL	30.0	12.0	40.0		40.0	
21+80.0	TO	44+12.0	EB DL	2232.0	12.0	2976.0	3968.0		
44+12.0	TO	49+60.0	EB DL	548.0	12.0	730.7		730.7	
49+60.0	TO	81+00.0	EB DL	3140.0	12.0	4186.7	5582.2		
90+00.0	TO	309+00.0	EB DL	21900.0	12.0	29200.0	38933.3		
318+90.0	TO	396+40.0	EB DL	7750.0	12.0	10333.3	13777.8		
4+68.5	TO	11+50.0	WB DL	681.5	12.0	908.7	1211.6		
15+00.0	TO	19+10.0	WB DL	410.0	12.0	546.7	728.9		
19+10.0	TO	21+50.0	WB DL	240.0	12.0	320.0	426.7		
21+50.0	TO	21+80.0	WB DL	30.0	12.0	40.0		40.0	
21+80.0	TO	44+12.0	WB DL	2232.0	12.0	2976.0	3968.0		
44+12.0	TO	49+60.0	WB DL	548.0	12.0	730.7		730.7	
49+60.0	TO	81+00.0	WB DL	3140.0	12.0	4186.7	5582.2		
90+00.0	TO	309+00.0	WB DL	21900.0	12.0	29200.0	38933.3		
318+90.0	TO	396+40.0	WB DL	7750.0	12.0	10333.3	13777.8		
4+68.5	TO	11+50.0	EB SHLDR	681.5	10.0	757.2	841.4		
15+00.0	TO	19+10.0	EB SHLDR	410.0	10.0	455.6	506.2		
21+50.0	TO	21+80.0	EB SHLDR	30.0	8.0	26.7		26.7	
44+12.0	TO	49+60.0	EB SHLDR	548.0	8.0	487.1		487.1	
4+68.5	TO	11+50.0	WB SHLDR	681.5	10.0	757.2	841.4		
15+00.0	TO	19+10.0	WB SHLDR	410.0	10.0	455.6	506.2		
21+50.0	TO	21+80.0	WB SHLDR	30.0	8.0	26.7		26.7	
44+12.0	TO	49+60.0	WB SHLDR	548.0	8.0	487.1		487.1	
4+38.5			BEGIN IMP						100.0
5+45			SIDE ROAD						141.8
7+98.05			SIDE ROAD						102.7
11+50.0			BEGIN * 1						100.00
15+00.0			END * 1						90.00
56+83.65			SIDE ROAD						360.6
81+00.0			BEGIN * 2						100.0
90+00.0			END * 2						100.0
109+62.82			SIDE ROAD						168.1
162+31.06			SIDE ROAD						122.0
162+31.06			SIDE ROAD						253.0
268+32.24			SIDE ROAD						174.2
268+32.24			SIDE ROAD						153.0
309+00.0			BEGIN * 3						100.0
318+90.0			END * 3						100.0
321+35.52			SIDE ROAD						597.0
321+35.52			SIDE ROAD						78.3
368+14.29			SIDE ROAD						72.2
371+56.63			SIDE ROAD						330.0
396+10			END IMP						100.0
TOTAL:						101937.1	131952.0	2568.9	3342.9

• OMISSION

HMA SHOULDER SCHEDULE (NEW CONSTRUCTION, 6 1/2")						
LOCATION			DESCRIPTION	LENGTH (FOOT)	WIDTH (FOOT)	HMA SHOULDERS (SQ YD)
STATION	TO	STATION				
19+10.0	TO	21+50.0	EB SHLDR	240.0	3.0	80.0
21+80.0	TO	44+12.0	EB SHLDR	2232.0	3.0	744.0
49+60.0	TO	81+00.0	EB SHLDR	3140.0	3.0	1046.7
90+00.0	TO	309+00.0	EB SHLDR	21900.0	3.0	7300.0
318+90.0	TO	396+40.0	EB SHLDR	7750.0	3.0	2583.3
19+10.0	TO	21+50.0	WB SHLDR	240.0	3.0	80.0
21+80.0	TO	44+12.0	WB SHLDR	2232.0	3.0	744.0
49+60.0	TO	81+00.0	WB SHLDR	3140.0	3.0	1046.7
90+00.0	TO	309+00.0	WB SHLDR	21900.0	3.0	7300.0
318+90.0	TO	396+40.0	WB SHLDR	7750.0	3.0	2583.3
7+98.1			SIDE ROAD (RT)	42.5	3.0	14.2
5+45.0			SIDE ROAD (LT)	68.9	3.0	23.0
56+83.7			SIDE ROAD (RT)	128.9	3.0	43.0
109+62.8			SIDE ROAD (RT)	79.0	3.0	26.3
162+31.1			SIDE ROAD (RT)	87.1	3.0	29.0
162+31.1			SIDE ROAD (LT)	109.3	3.0	36.4
268+32.2			SIDE ROAD (RT)	85.8	3.0	28.6
268+32.2			SIDE ROAD (LT)	76.4	3.0	25.5
321+35.5			SIDE ROAD (RT)	177.4	3.0	59.1
321+35.5			SIDE ROAD (LT)	49.5	3.0	16.5
368+14.3			SIDE ROAD (LT)	42.7	3.0	14.2
371+56.6			SIDE ROAD (RT)	106.9	3.0	35.6
TOTAL:						23859.4

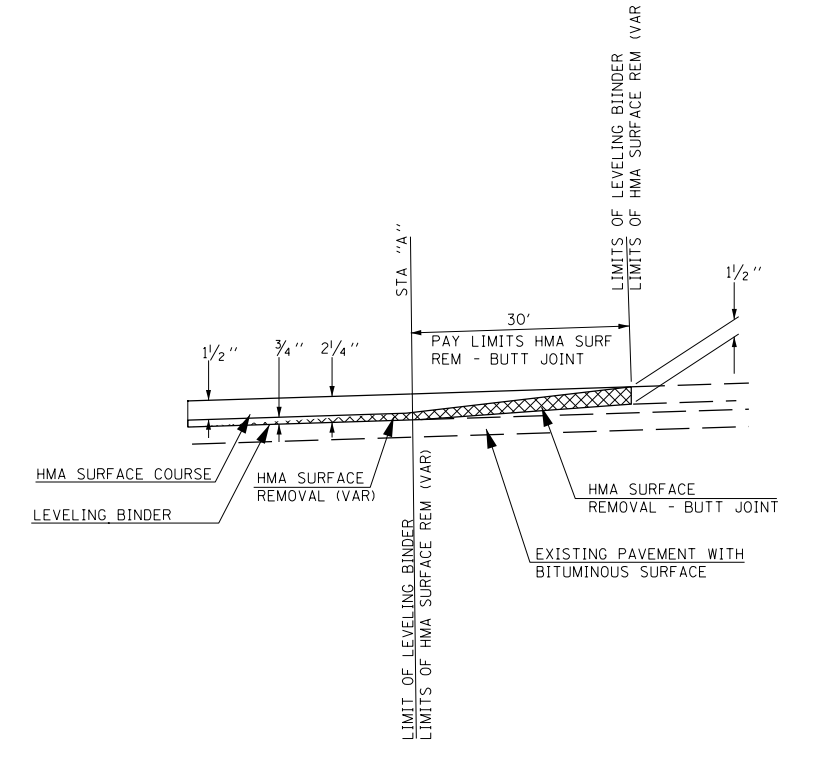
AGG SHOULDER SCHEDULE					
LOCATION			DESCRIPTION	WIDTH (FOOT)	AGG SHLDRS B (TON)
STATION	TO	STATION			
19+10.0	TO	21+50.0	EB SHLDR	5.0	12.3
21+80.0	TO	44+12.0	EB SHLDR	5.0	114.7
49+60.0	TO	81+00.0	EB SHLDR	5.0	161.4
90+00.0	TO	309+00.0	EB SHLDR	5.0	1125.8
318+90.0	TO	396+40.0	EB SHLDR	5.0	398.4
19+10.0	TO	21+50.0	WB SHLDR	5.0	12.3
21+80.0	TO	44+12.0	WB SHLDR	5.0	114.7
49+60.0	TO	81+00.0	WB SHLDR	5.0	161.4
90+00.0	TO	309+00.0	WB SHLDR	5.0	1125.8
318+90.0	TO	396+40.0	WB SHLDR	5.0	398.4
TOTAL:					3,625.5



**LEGEND**

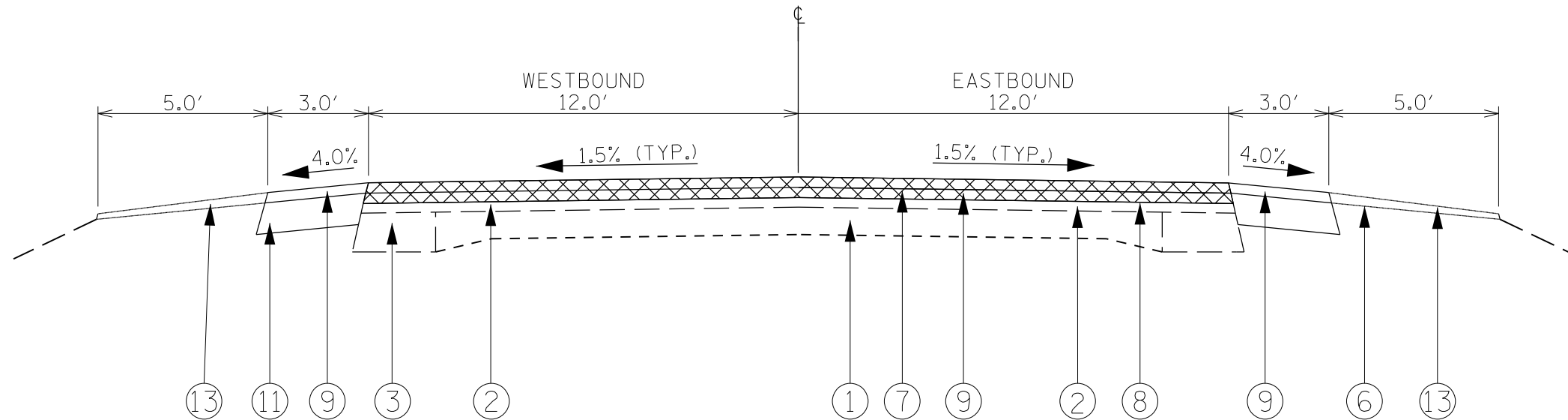
- ① EX. P.C.C. BASE, 9''-6''-9''
- ② EX. HMA OVERLAY, 1 3/4''
- ③ EX. BASE COURSE WIDENING, 9''
- ④ EX. CONC. CURB & GUTTER
- ⑤ EX. HMA SHOULDER, 8''
- ⑥ EX. AGG SHOULDER
- ⑦ PR. HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- ⑧ PR. LEVELING BINDER (MACHINE METHOD, N70 (3/4''))
- ⑨ PR. HOT-MIX ASPHALT SURFACE COURSE, MIX C, N70 (1 1/2'')
- ⑩ PR. HOT-MIX ASPHALT SURFACE COUSE MIX C, N70, VARIABLE DEPTH
- ⑪ PR HMA SHOULDER 6 1/2''
- ⑫ PR. HMA SHOULDER VARIABLE DEPTH
- ⑬ PR AGG SHOULDER, TYPE B

**TYPICAL SECTION #1**  
 STA. 04+68.498 TO STA 11+50  
 OMIT STA. 11+50 TO STA. 15+00  
 STA. 15+00 TO 19+10



**PROPOSED BUTT JOINT LIMITS**  
 STA "A" TO STA "B"  
 04+68.498 TO 04+98.498  
 396+10 TO 396+40

FILE NAME =	USER NAME = laughlinc1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTIONS FAP 315 SECTION 116RS-4</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pwork\pwork\laughlinc1\0217938\0672C22-shr-typical.dgn		DRAWN -	REVISED -		SCALE:	SHEET NO. 1 OF 3 SHEETS	STA. TO STA.	315	116RS-4	LOGAN	27	6
		CHECKED -	REVISED -					<b>CONTRACT NO. 72C22</b>				
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



**TYPICAL SECTION #2**

STA. 19+10 TO 21+50  
 STA. 21+80 TO STA. 44+12  
 STA. 49+60 TO STA. 81+00  
 OMIT STA. 81+00 TO STA. 90+00  
 STA. 90+00 TO STA. 309+00  
 OMIT STA. 309+00 TO STA. 318+90  
 STA. 318+90 TO STA. 396+40

**LEGEND**

- ① EX. P.C.C. BASE, 9''-6''-9''
- ② EX. HMA OVERLAY, 1 3/4''
- ③ EX. BASE COURSE WIDENING, 9''
- ④ EX. CONC. CURB & GUTTER
- ⑤ EX. HMA SHOULDER, 8''
- ⑥ EX. AGG SHOULDER
- ⑦ PR. HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- ⑧ PR. LEVELING BINDER (MACHINE METHOD, N70 (3/4''))
- ⑨ PR. HOT-MIX ASPHALT SURFACE COURSE, MIX C, N70 (1 1/2'')
- ⑩ PR. HOT-MIX ASPHALT SURFACE COUSE MIX C, N70, VARIABLE DEPTH
- ⑪ PR HMA SHOULDER 6 1/2''
- ⑫ PR. HMA SHOULDER VARIABLE DEPTH
- ⑬ PR AGG SHOULDER, TYPE B

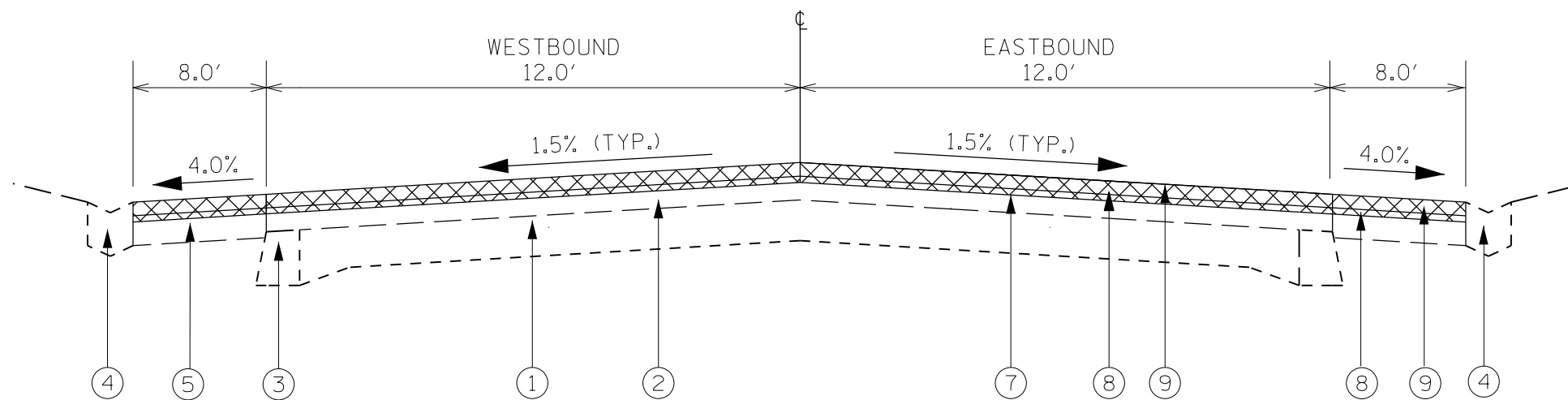
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS  
 FAP 315 SECTION 116RS-4**

SCALE: SHEET NO. 2 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
136	116 RS-4	LOGAN	27	7
CONTRACT NO. 72C22				
ILLINOIS FED. AID PROJECT				



TYPICAL SECTION #3  
 STA. 21+50 TO STA 21+80  
 STA. 44+12 TO STA. 49+60

**LEGEND**

- ① EX. P.C.C. BASE, 9''-6''-9''
- ② EX. HMA OVERLAY, 1 3/4''
- ③ EX. BASE COURSE WIDENING, 9''
- ④ EX. CONC. CURB & GUTTER
- ⑤ EX. HMA SHOULDER, 8''
- ⑥ EX. AGG SHOULDER
- ⑦ PR. HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- ⑧ PR. LEVELING BINDER (MACHINE METHOD, N70 (3/4''))
- ⑨ PR. HOT-MIX ASPHALT SURFACE COURSE, MIX C, N70 (1 1/2'')
- ⑩ PR. HOT-MIX ASPHALT SURFACE COUSE MIX C, N70, VARIABLE DEPTH
- ⑪ PR HMA SHOULDER 6 1/2''
- ⑫ PR. HMA SHOULDER VARIABLE DEPTH
- ⑬ PR AGG SHOULDER, TYPE B

FILE NAME =	USER NAME = laughlinc1	DESIGNED -	REVISED -
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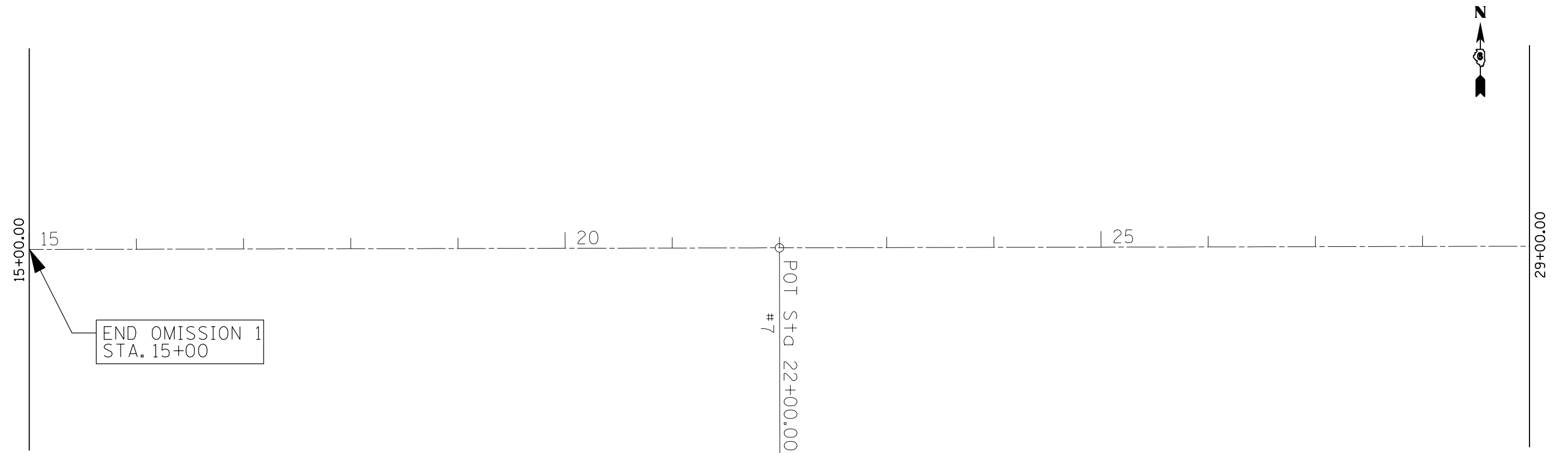
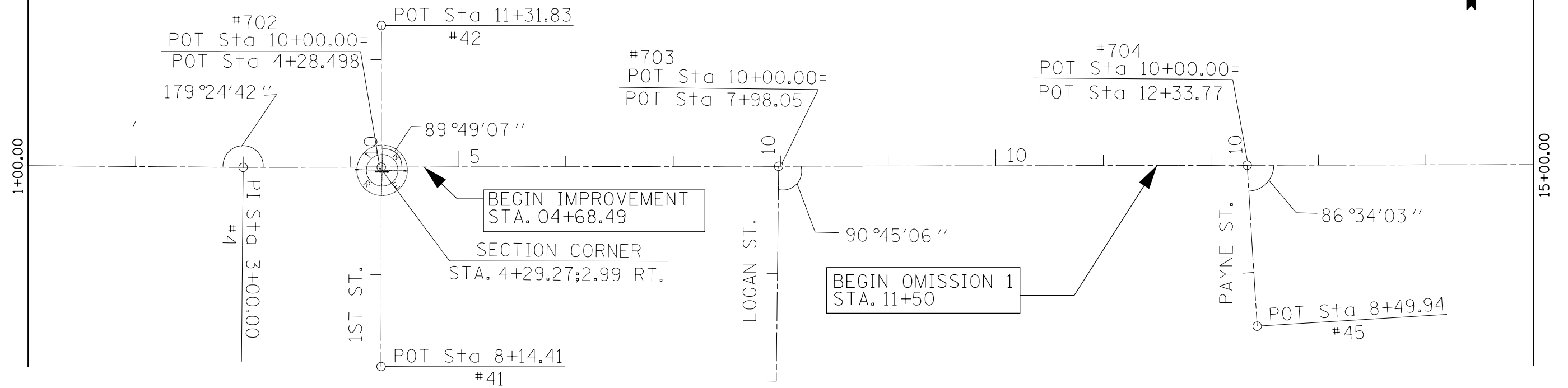
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS  
 FAP 315 SECTION 116RS-4**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	116RS-4	LOGAN	27	8
CONTRACT NO. 72C22				
ILLINOIS FED. AID PROJECT				





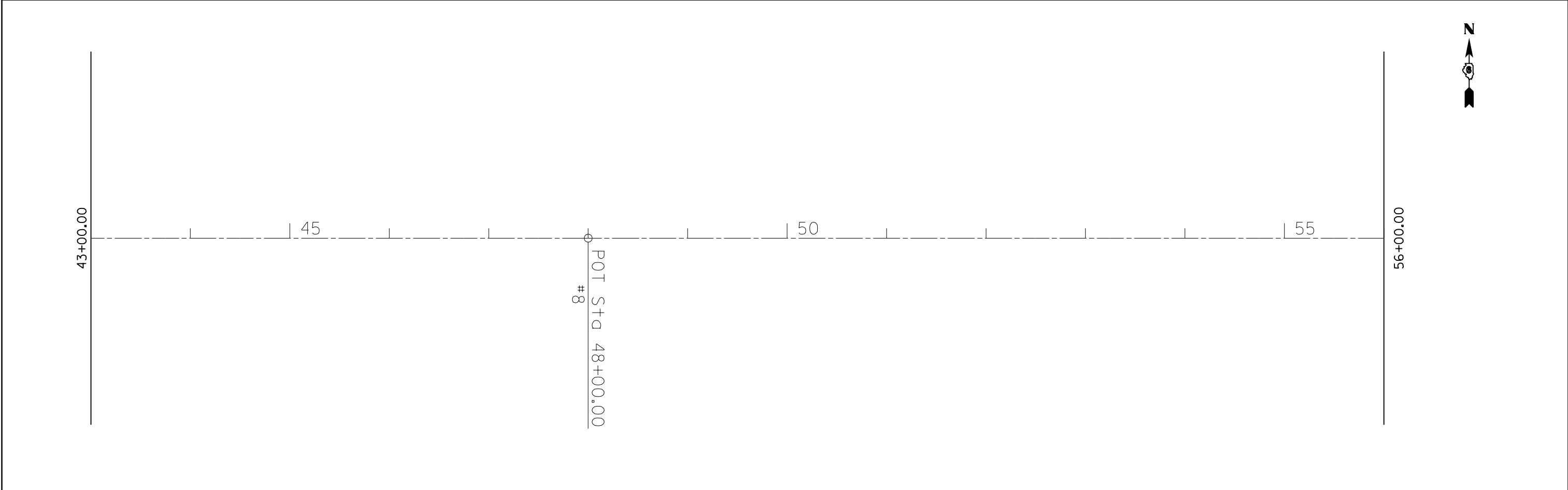
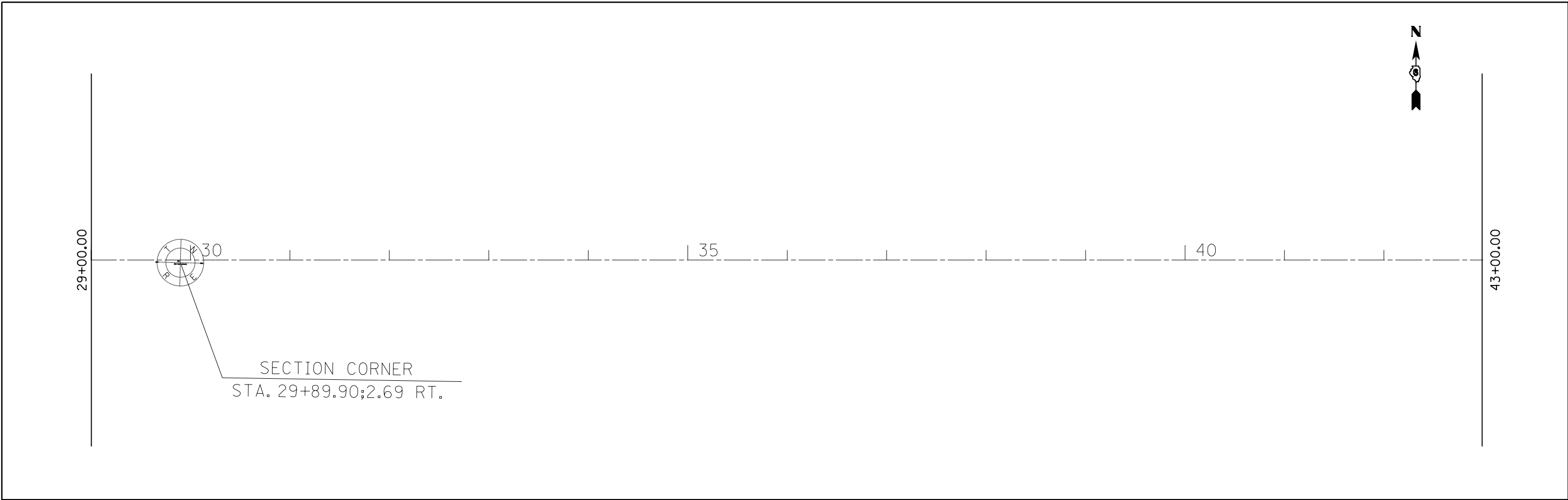
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN VIEW**

SCALE: 100      SHEET NO. 1 OF 15 SHEETS      STA. 0+00.00 TO STA. 29+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	116RS-4	LOGAN	27	9
CONTRACT NO. 72C22				
ILLINOIS FED. AID PROJECT				



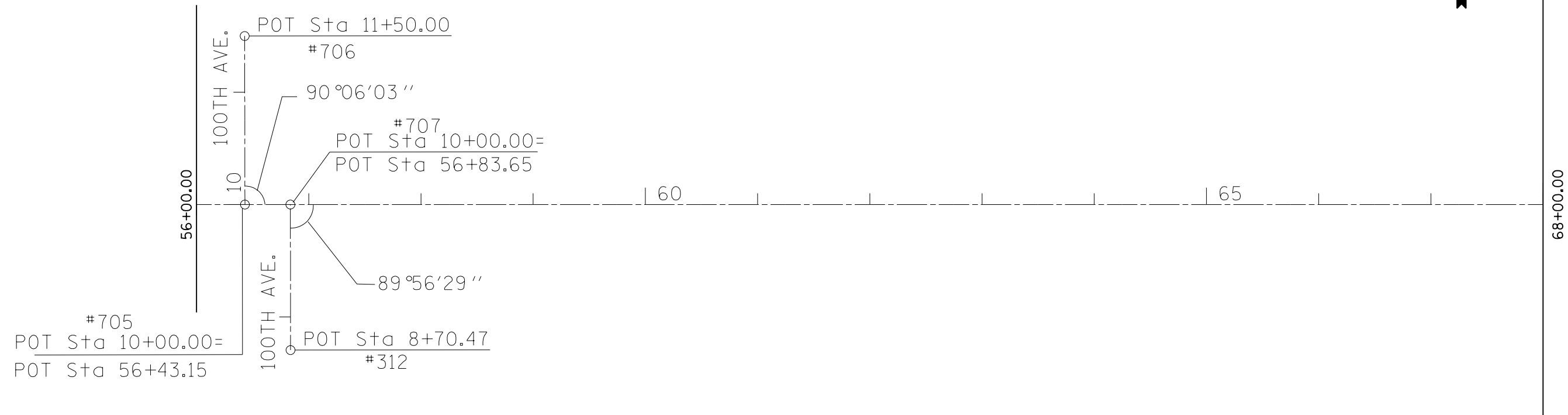
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	PLOT DATE = Dec-16-2010 11:51:52AM	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN VIEW**

SCALE: 100      SHEET NO. 2 OF 15 SHEETS      STA. 0+00.00 TO STA. 15+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	116RS-4	LOGAN	27	10
CONTRACT NO. 72C22				
ILLINOIS FED. AID PROJECT				

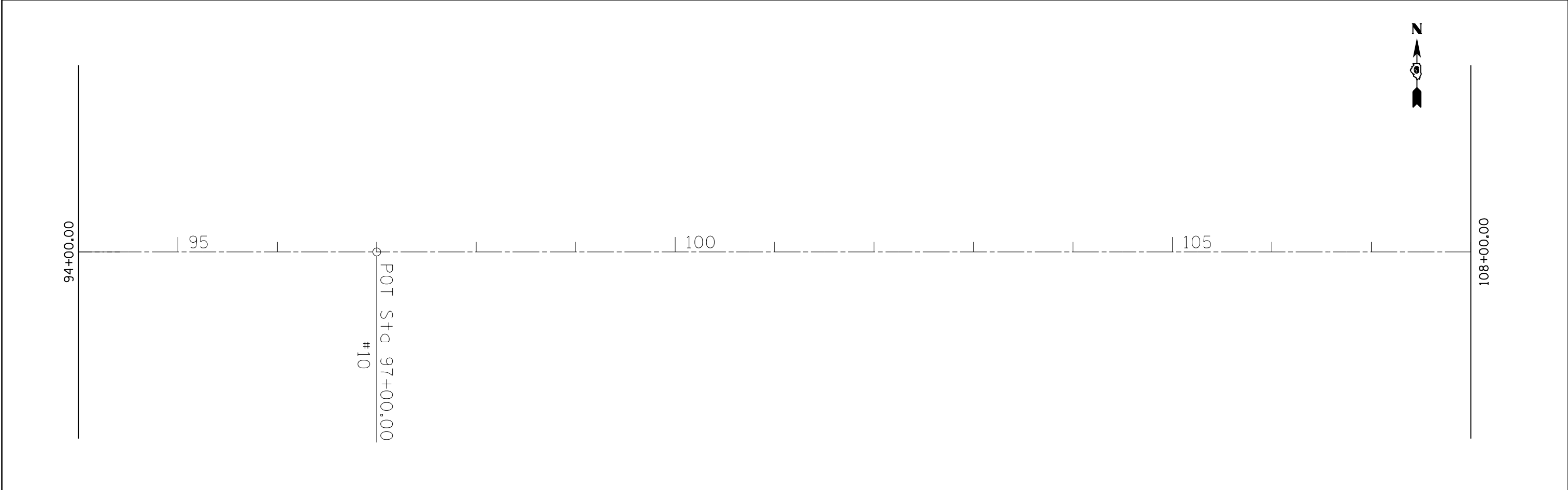
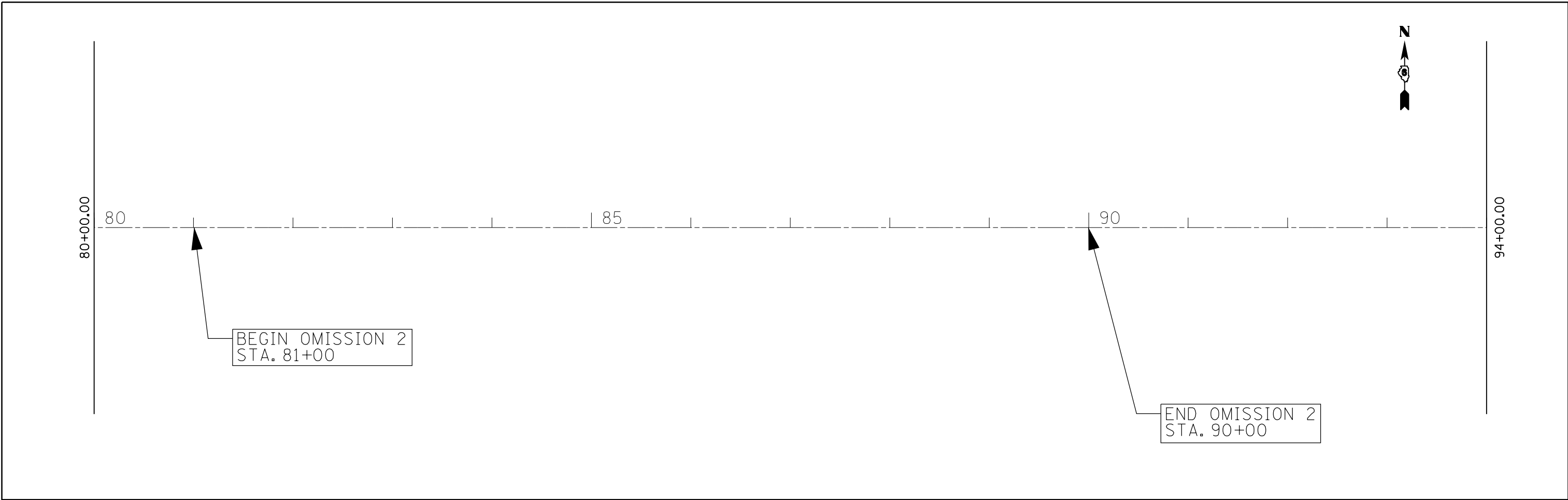


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PLOT DATE = Dec-16-2010 11:51:52AM		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PLAN VIEW</b>			
SCALE: 100	SHEET NO. 3 OF 15 SHEETS	STA. 56+00.00	TO STA. 80+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	116RS-4	LOGAN	27	11
<b>CONTRACT NO. 72C22</b>				
ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN VIEW</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		CHECKED -	REVISED -					<b>CONTRACT NO. 72C22</b>				
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



#708  
 POT Sta 10+00.00=  
 POT Sta 109+62.82

POT Sta 10+82.25

#293

89°54'38"

200TH AVE.

POT Sta 8+71.81

#295

108+00.00

122+00.00

110 115 120



122+00.00

136+00.00

125

130

135

POT Sta 133+00.00  
 #12

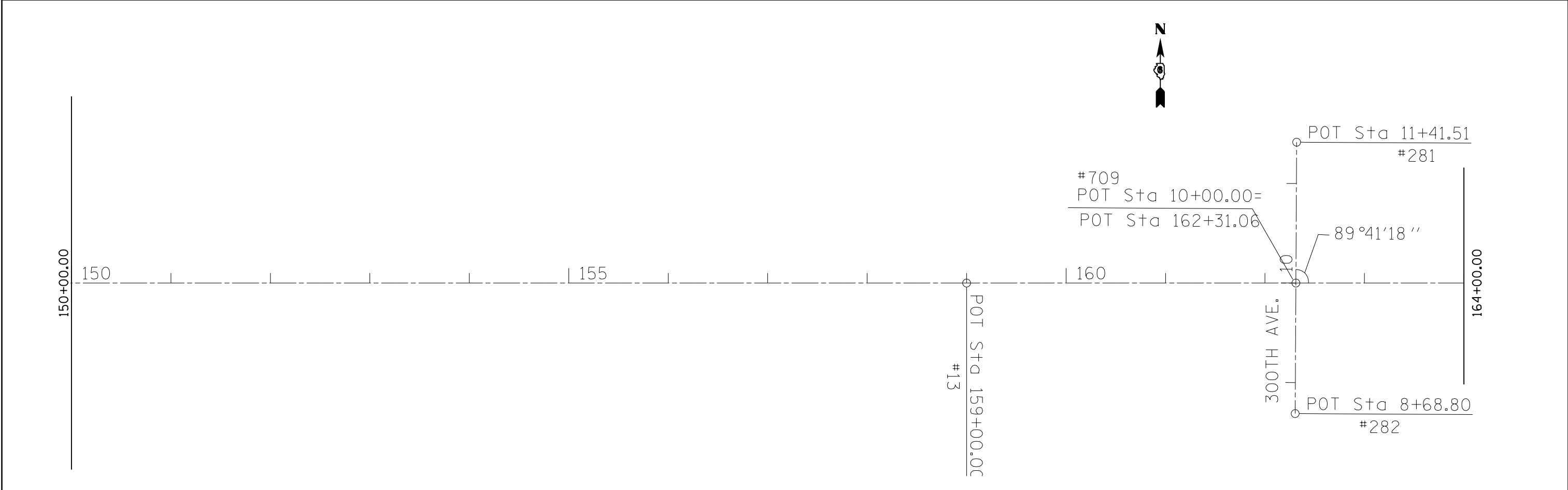
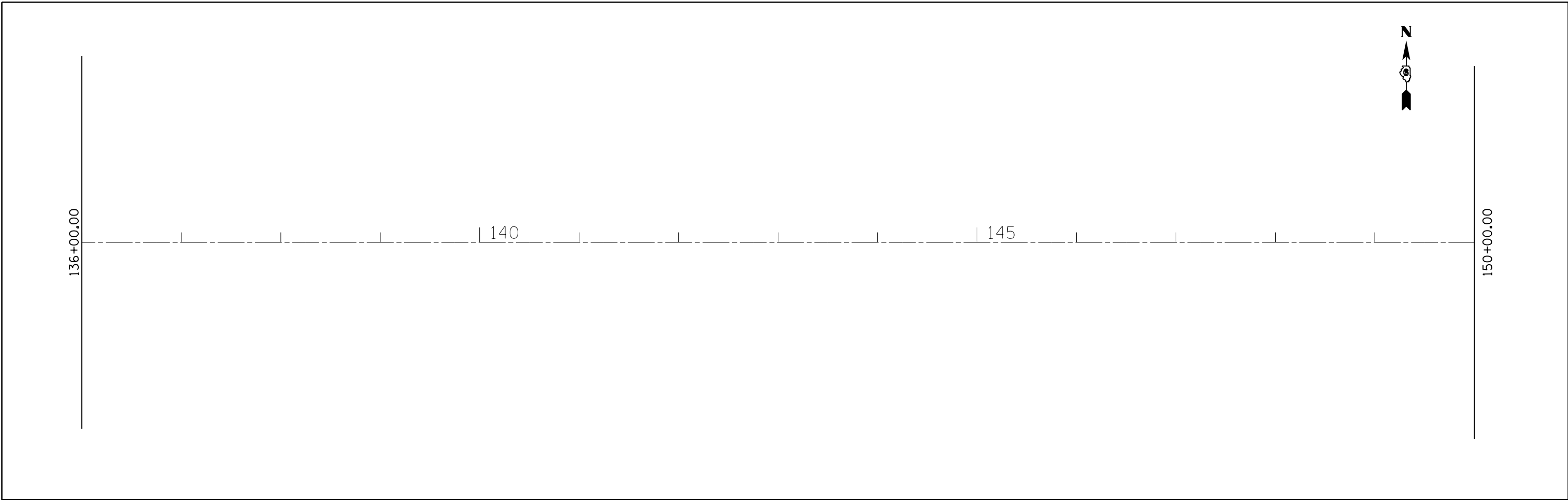
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	PLOT DATE = Dec-16-2010 11:51:53AM	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PLAN VIEW**

SCALE: 100 SHEET NO. 5 OF 15 SHEETS STA. 108+00.00 TO STA. 136+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	116RS-4	LOGAN	27	13
CONTRACT NO. 72C22				
ILLINOIS FED. AID PROJECT				



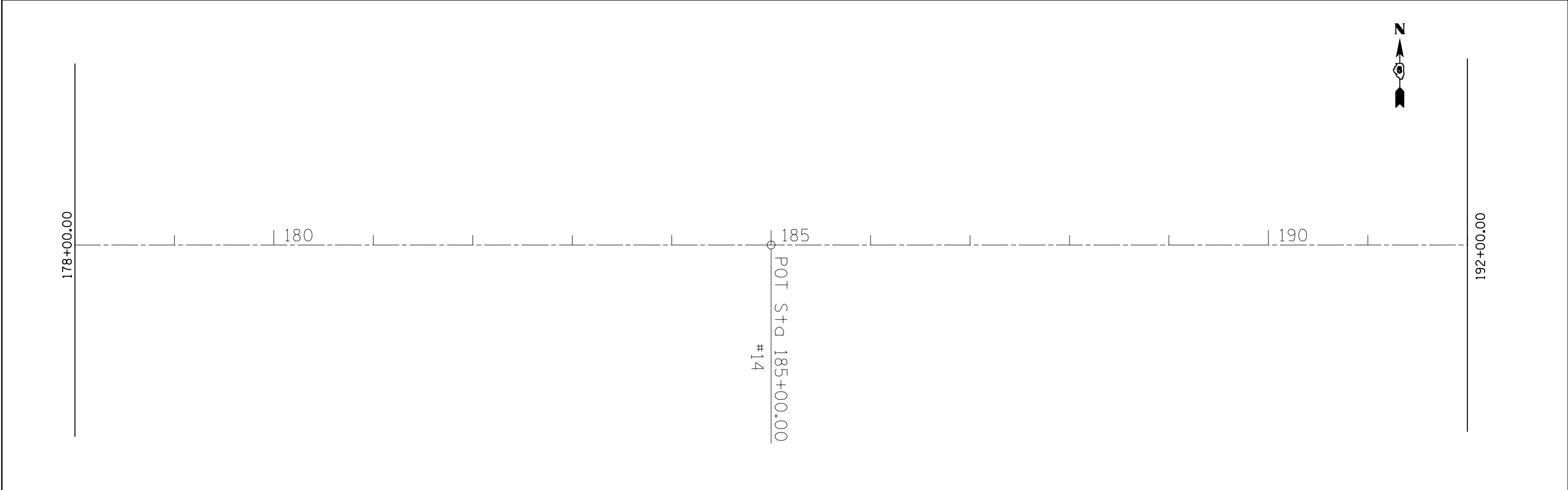
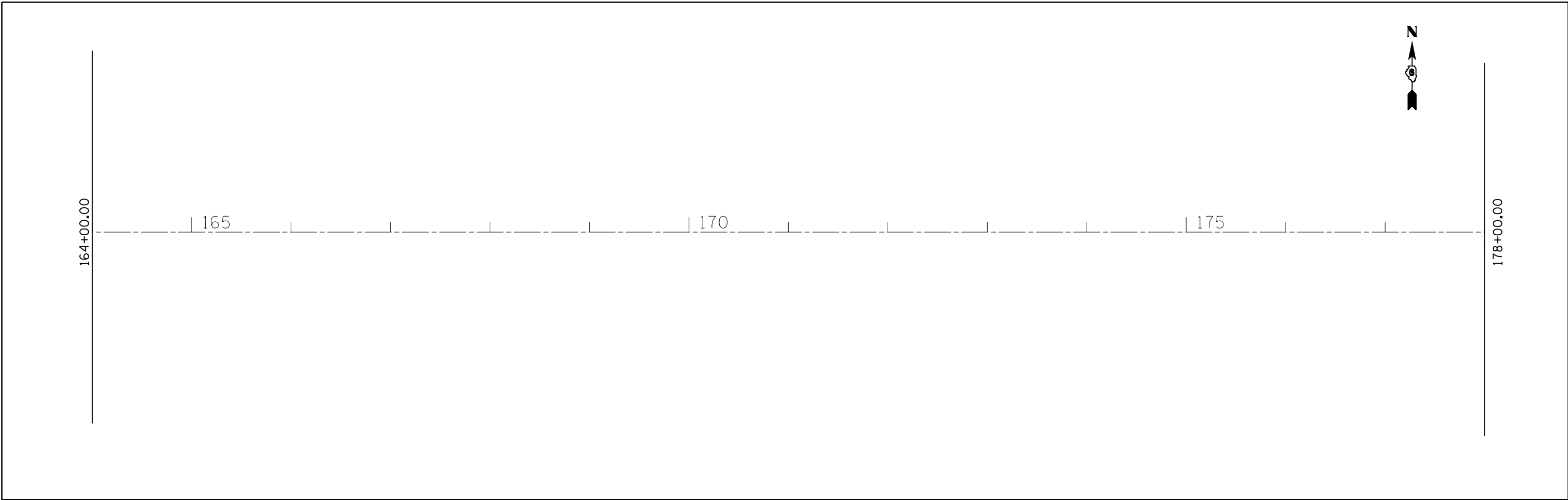
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	PLOT DATE = Dec-16-2010 11:51:54AM	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN VIEW**

SCALE: 100      SHEET NO. 6 OF 15 SHEETS      STA. 136+00.00 TO STA. 164+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	116RS-4	LOGAN	27	14
CONTRACT NO. 72C22				
ILLINOIS FED. AID PROJECT				



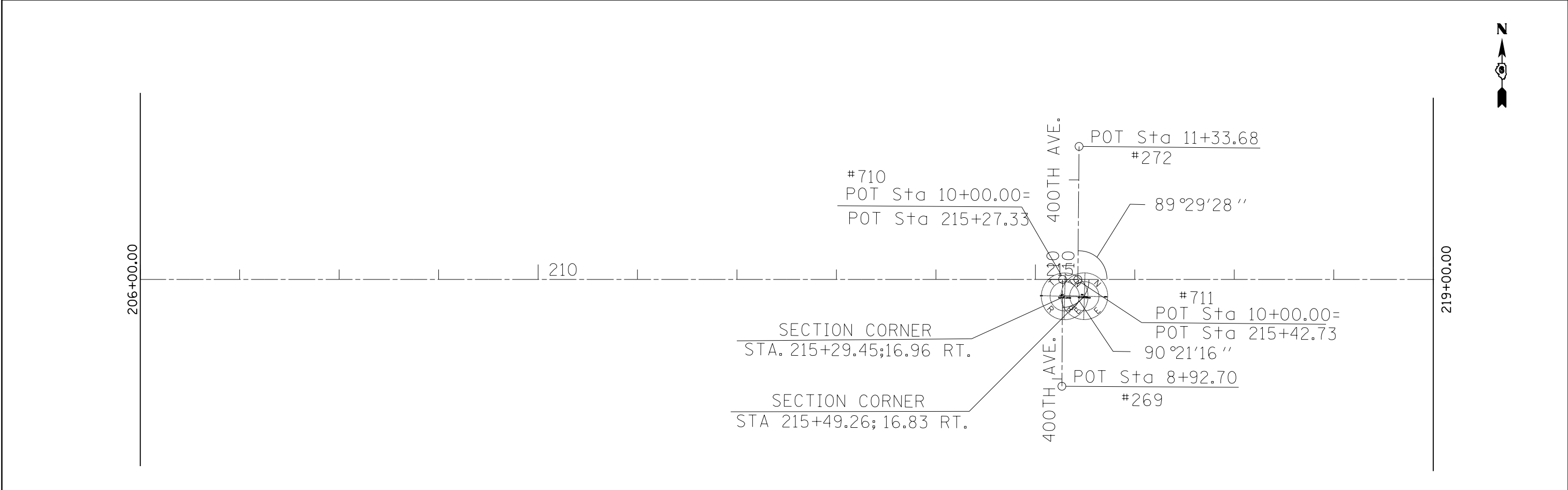
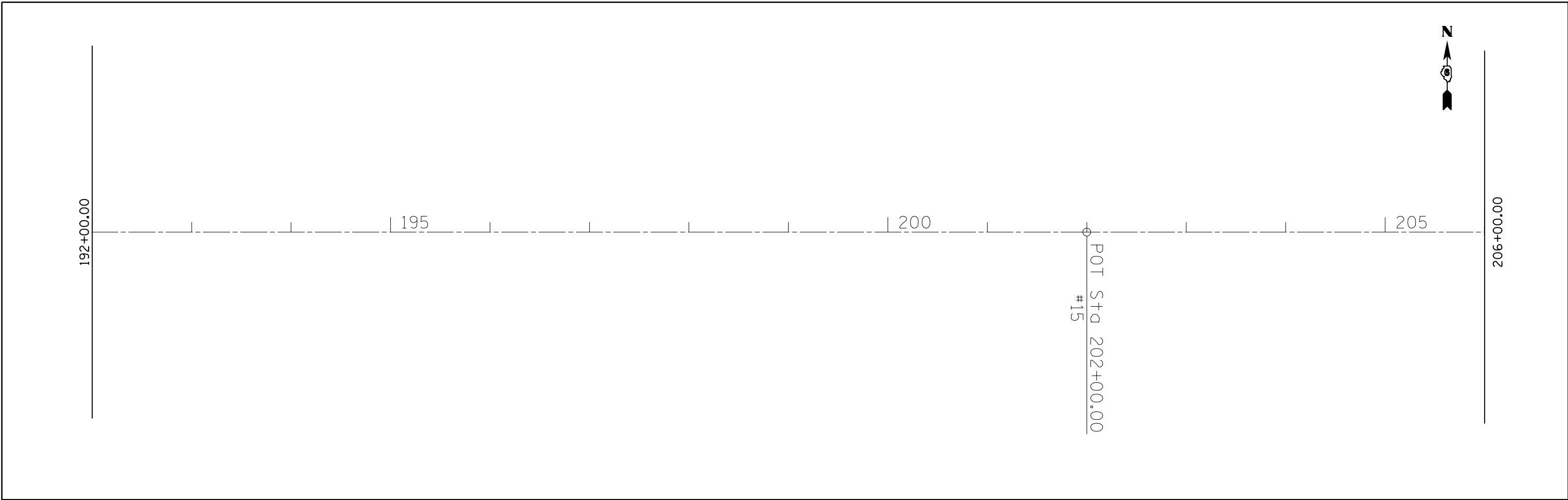
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	PLOT DATE = Dec-16-2010 11:51:54AM	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN VIEW**

SCALE: 100      SHEET NO. 7 OF 15 SHEETS      STA. 164+00.00 TO STA. 192+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	116RS-4	LOGAN	27	15
<b>CONTRACT NO. 72C22</b>				
ILLINOIS FED. AID PROJECT				



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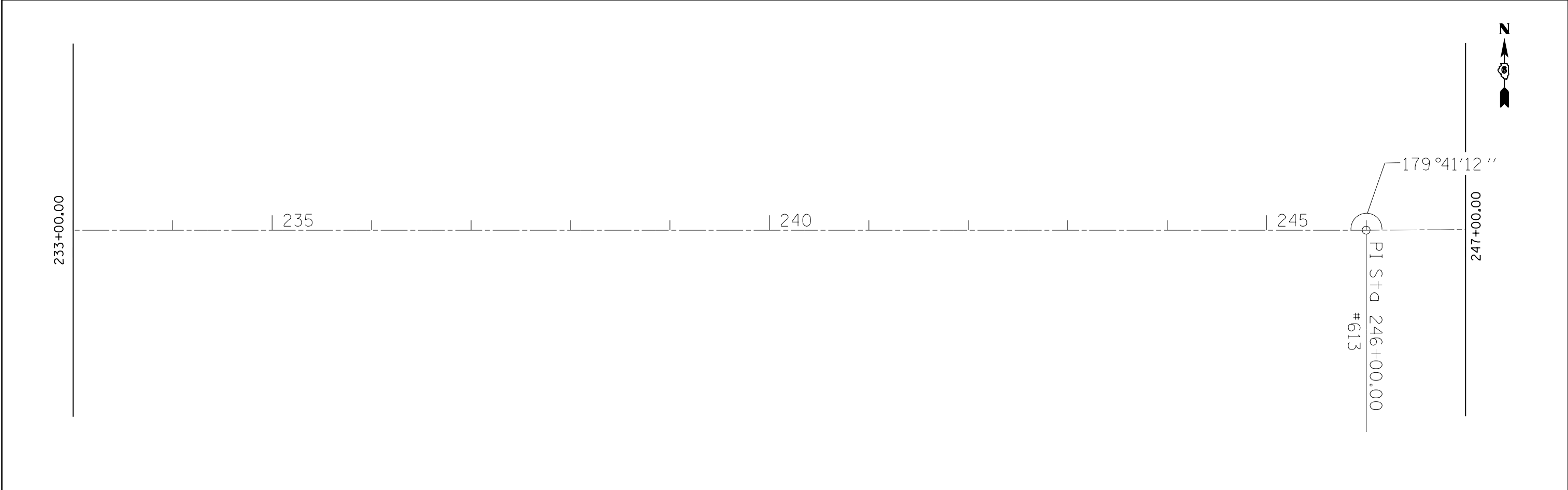
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN VIEW**

SCALE: 100      SHEET NO. 8 OF 15 SHEETS      STA. 192+00.00 TO STA. 219+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	116RS-4	LOGAN	27	16
CONTRACT NO. 72C22				
ILLINOIS FED. AID PROJECT				





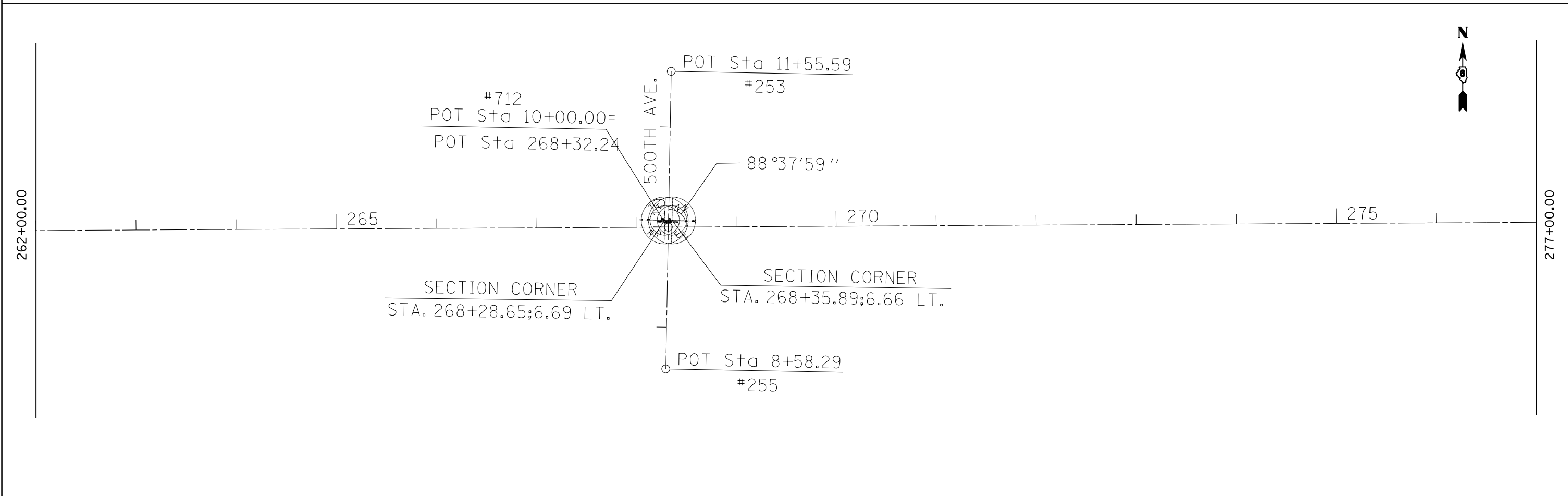
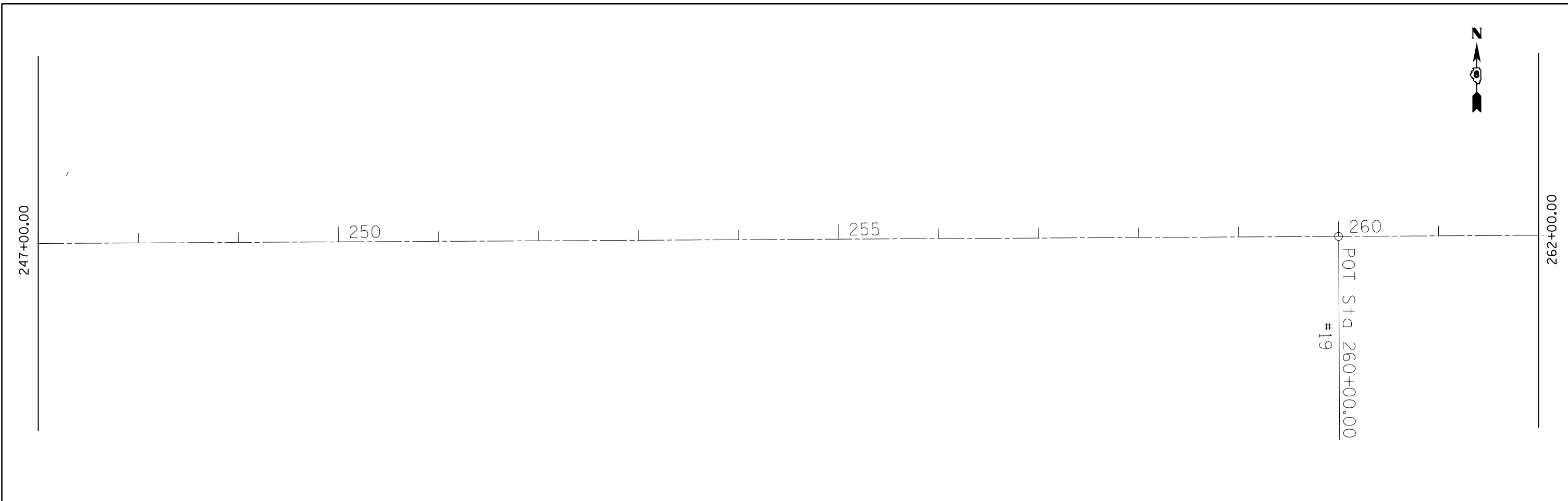
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

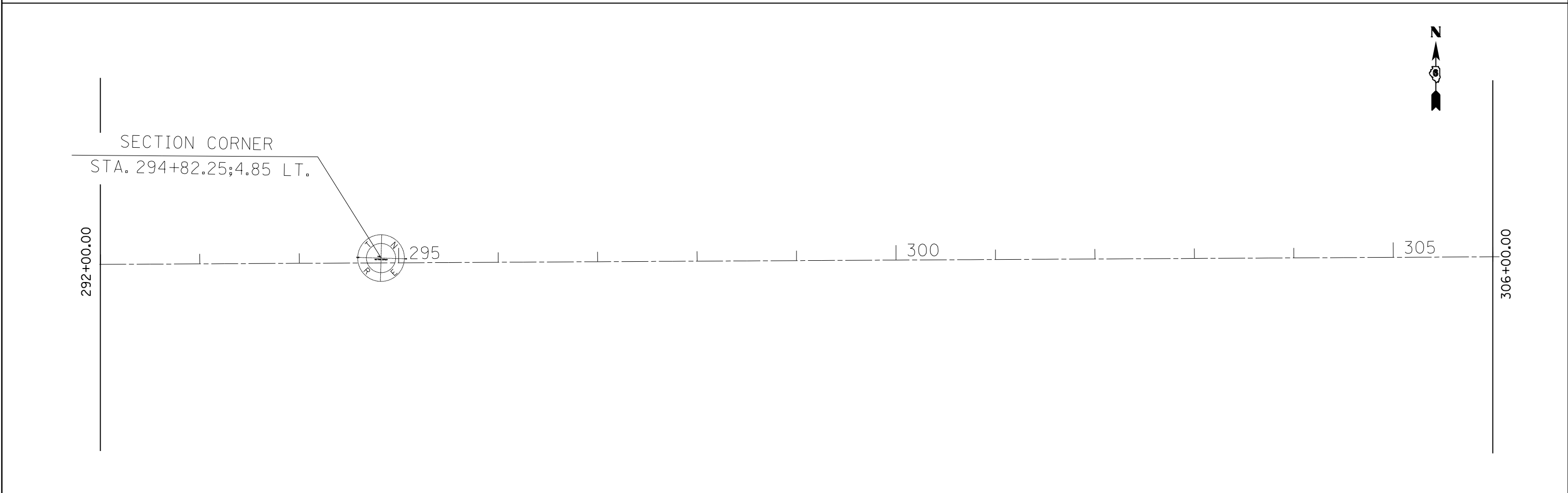
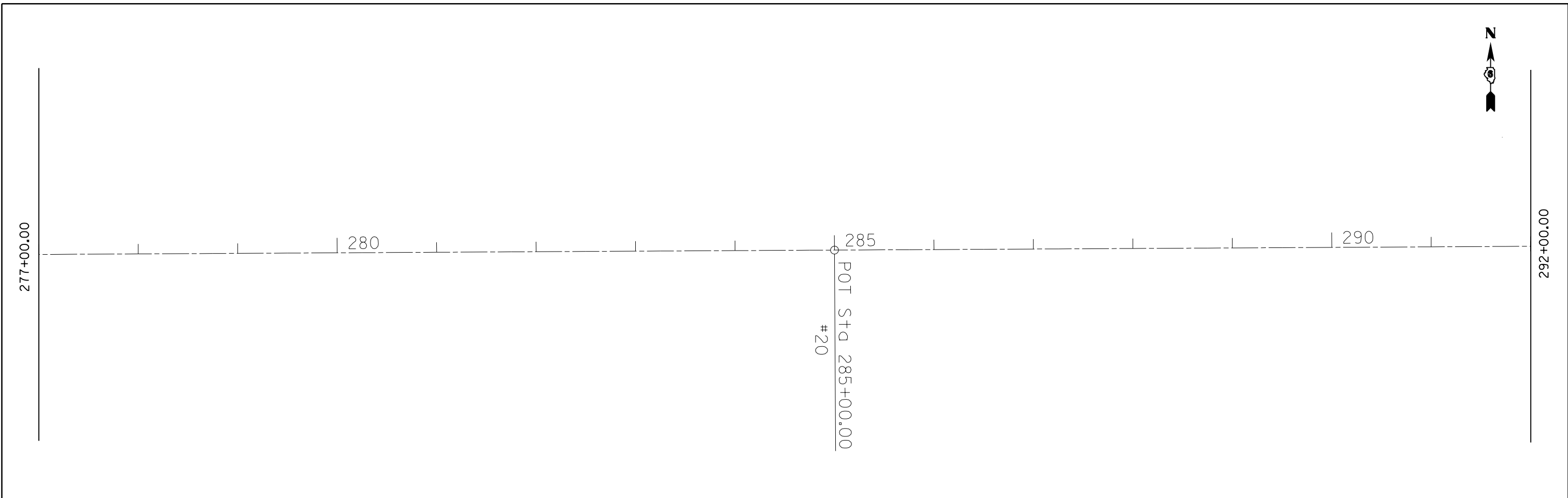
**PLAN VIEW**

SCALE: 100      SHEET NO. 9 OF 15 SHEETS      STA. 219+00.00 TO STA. 247+00.00

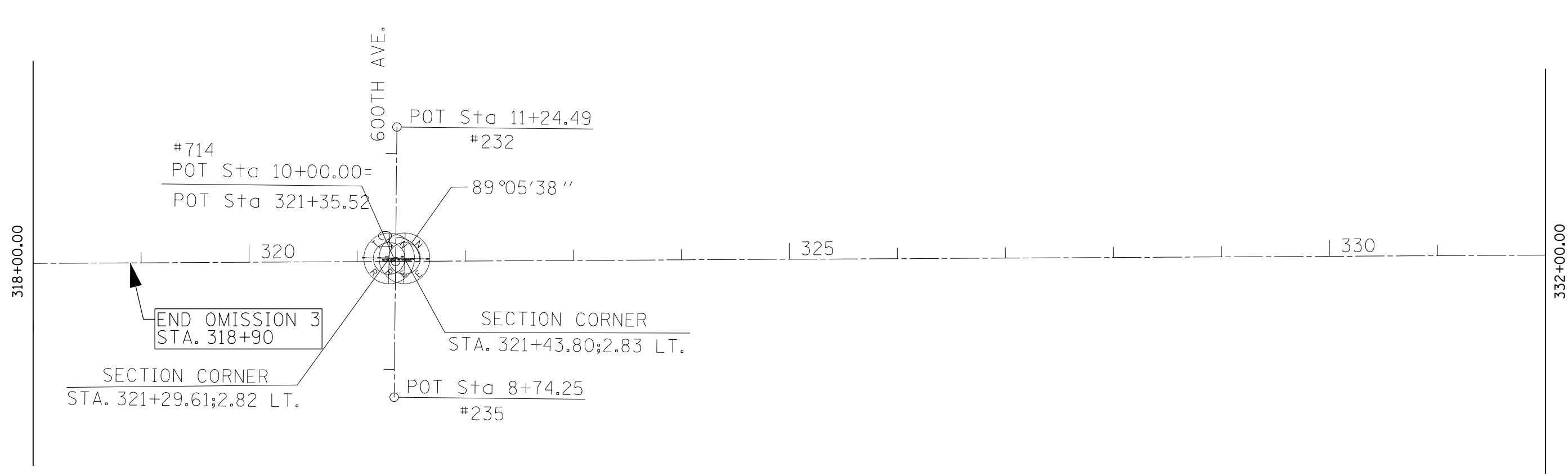
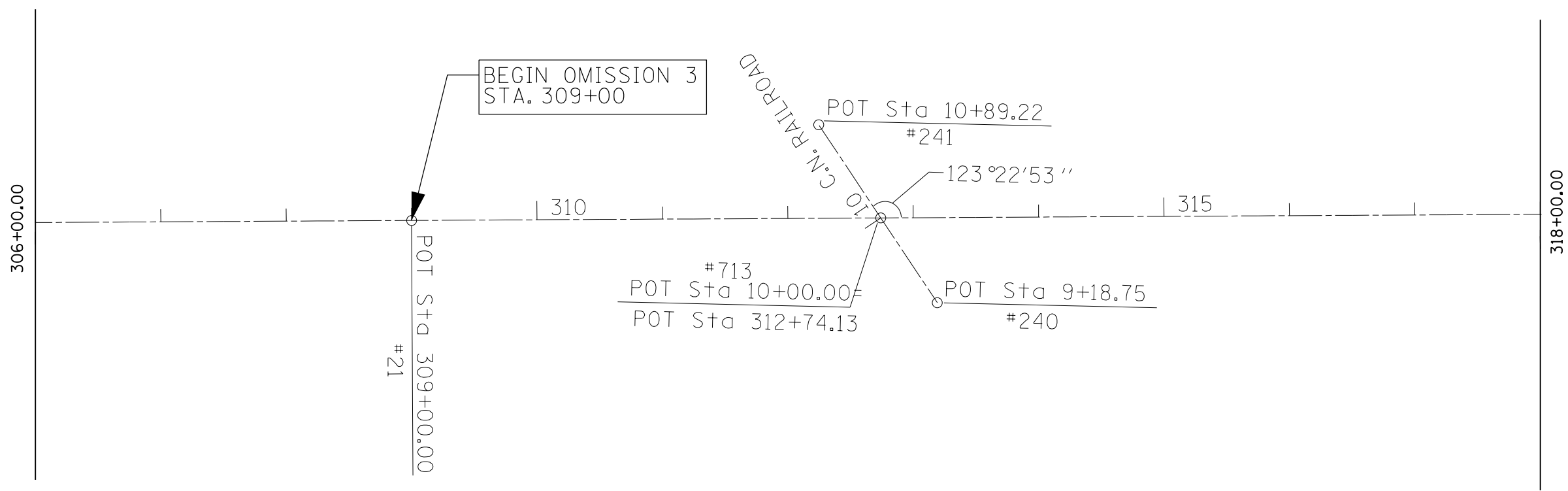
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	116RS-4	LOGAN	27	17
CONTRACT NO. 72C22				
ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN VIEW</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pwork\pwork\laughlinr1\0217938\planview16.dgn		DRAWN -	REVISED -		SCALE: 100	SHEET NO. 10 OF 15 SHEETS	STA. 247+00.00 TO STA. 277+00.00	315	116RS-4	LOGAN	27	18
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	PLOT DATE = Dec-16-2010 11:51:55AM	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN VIEW</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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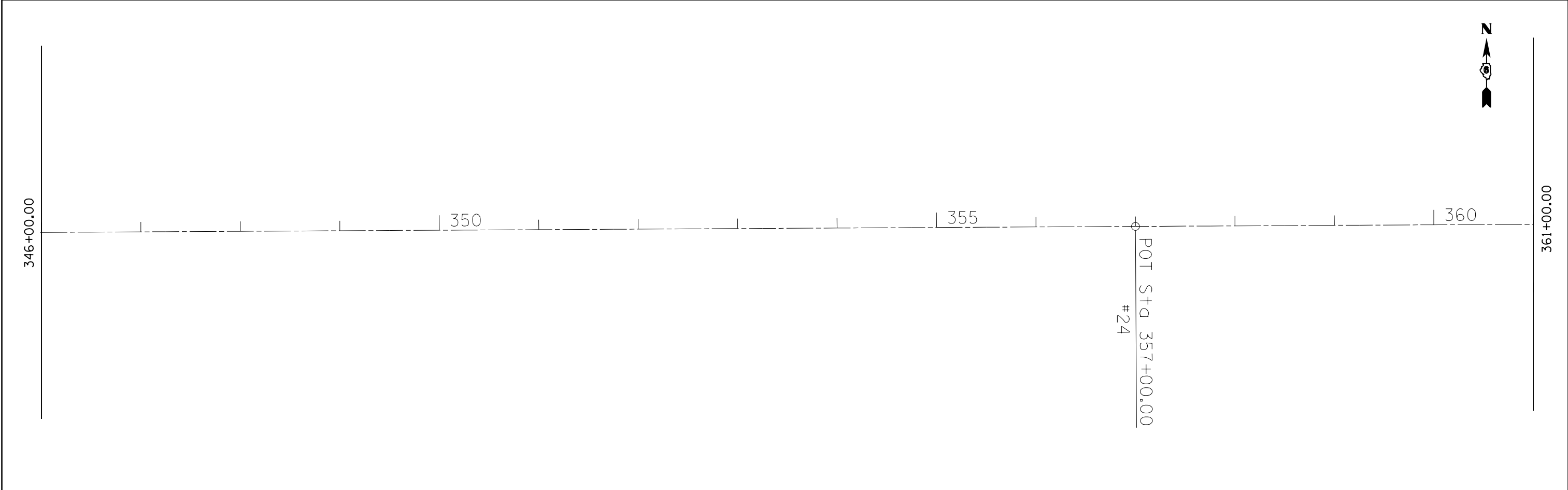
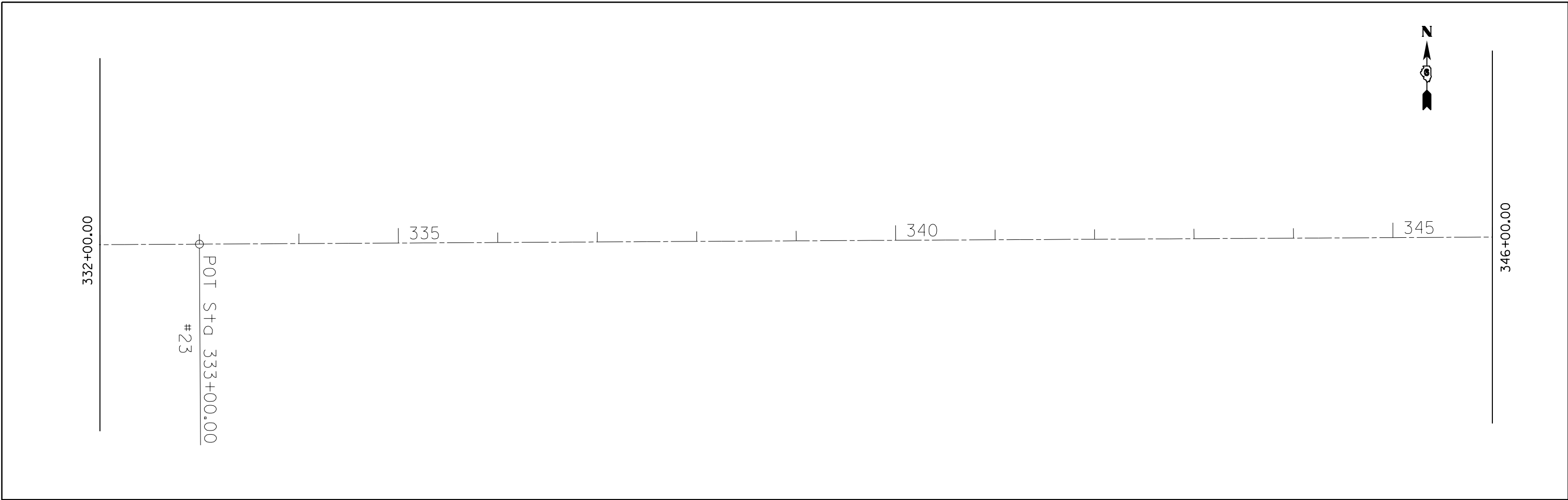
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN VIEW**

SCALE: 100      SHEET NO. 12 OF 15 SHEETS      STA. 306+00.00 TO STA. 332+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	116RS-4	LOGAN	27	20
CONTRACT NO. 72C22				
ILLINOIS FED. AID PROJECT				



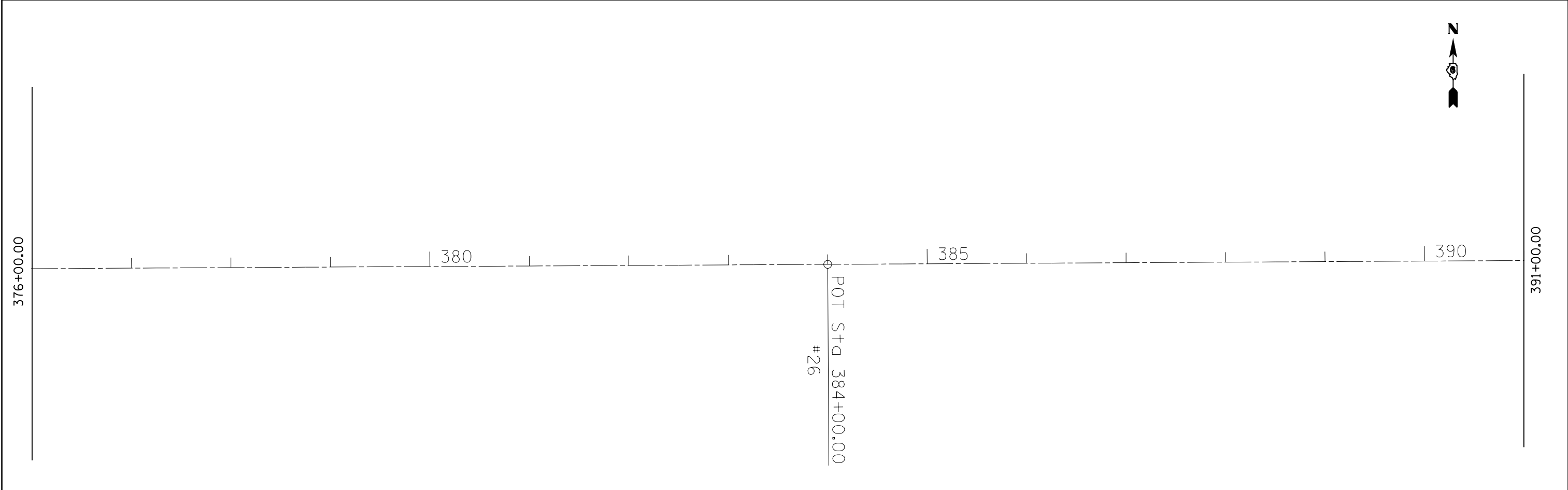
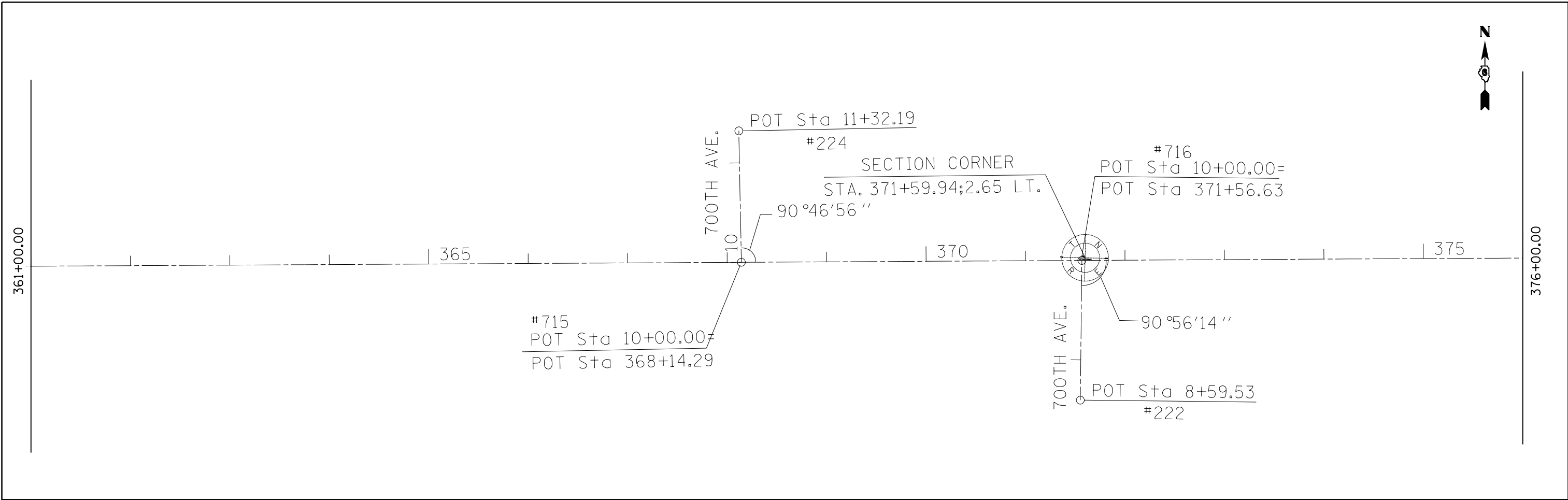
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

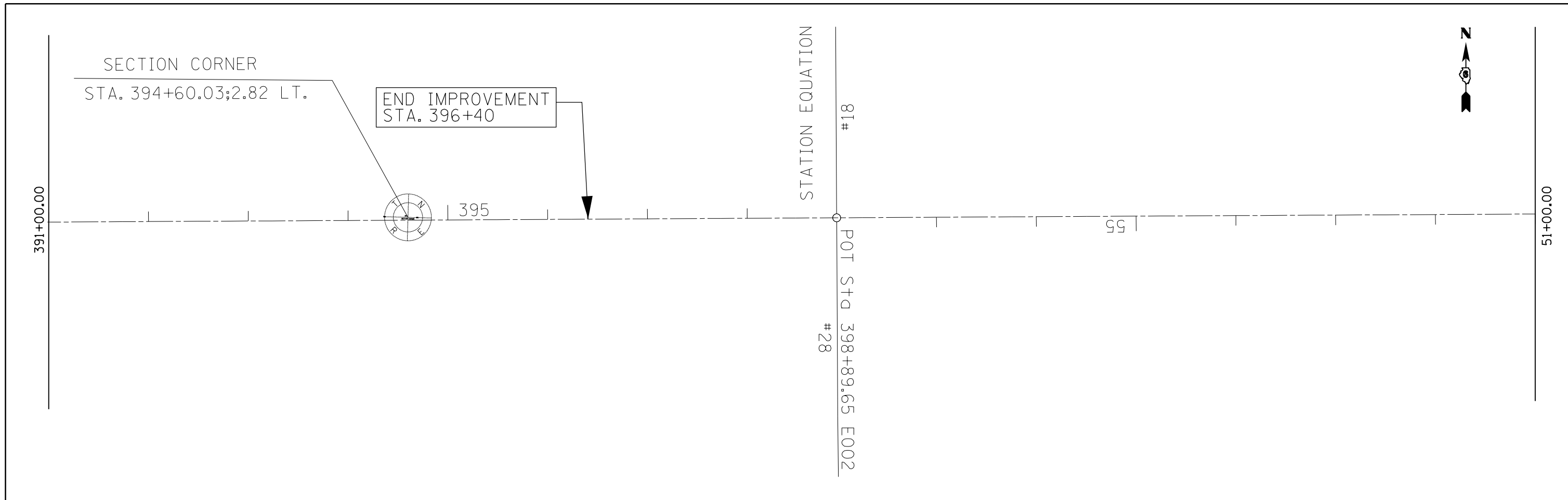
**PLAN VIEW**

SCALE: 100      SHEET NO. 13 OF 15 SHEETS      STA. 332+00.00 TO STA. 361+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	116RS-4	LOGAN	27	21
				<b>CONTRACT NO. 72C22</b>
ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN VIEW</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



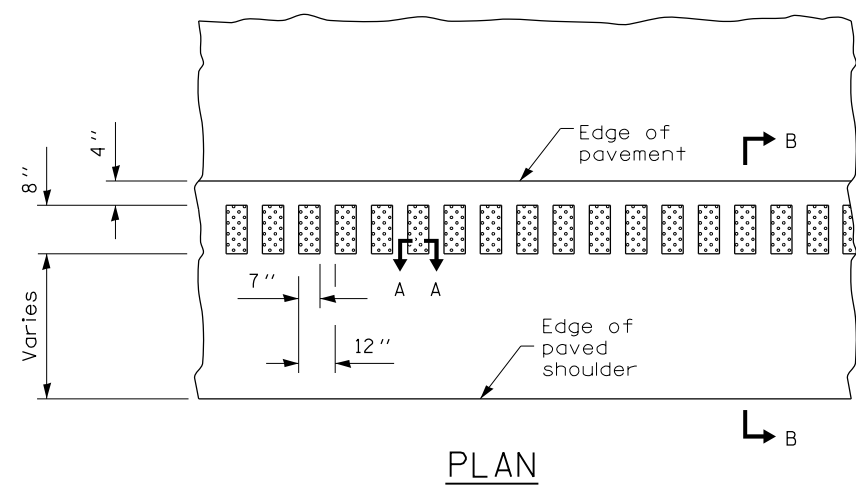
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

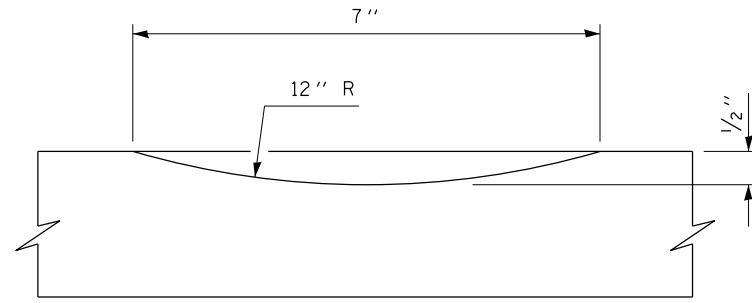
**PLAN VIEW**

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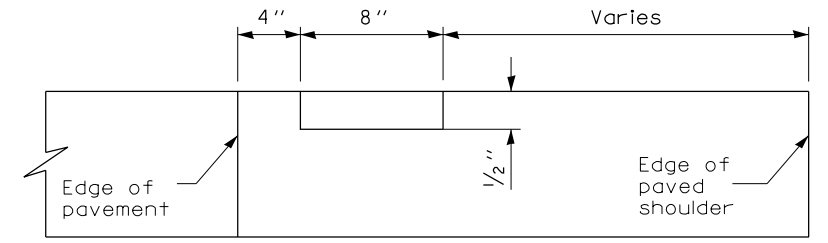
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	116RS-4	LOGAN	27	23
CONTRACT NO. 72C22			ILLINOIS FED. AID PROJECT	



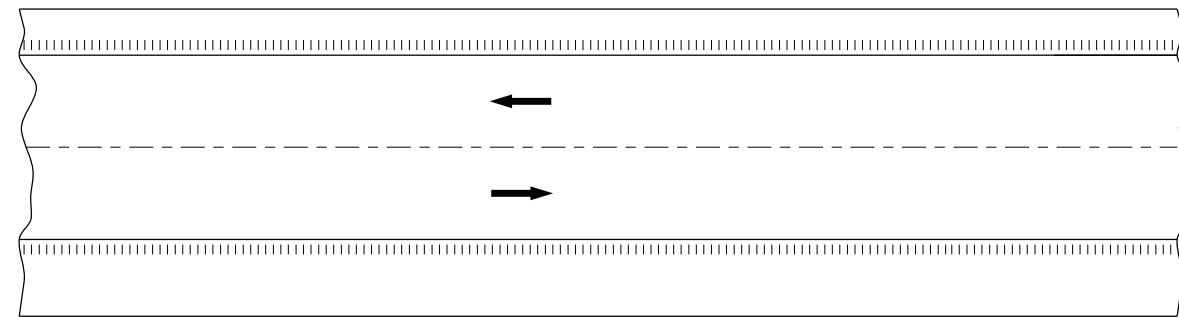
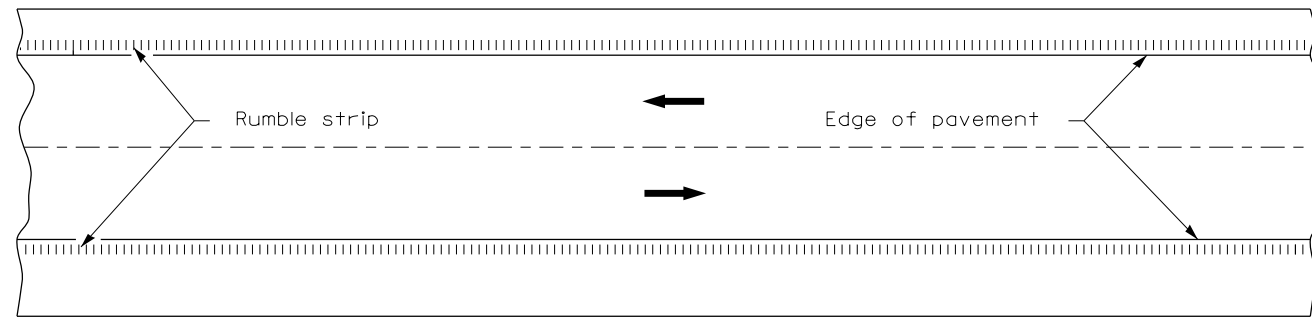
PLAN



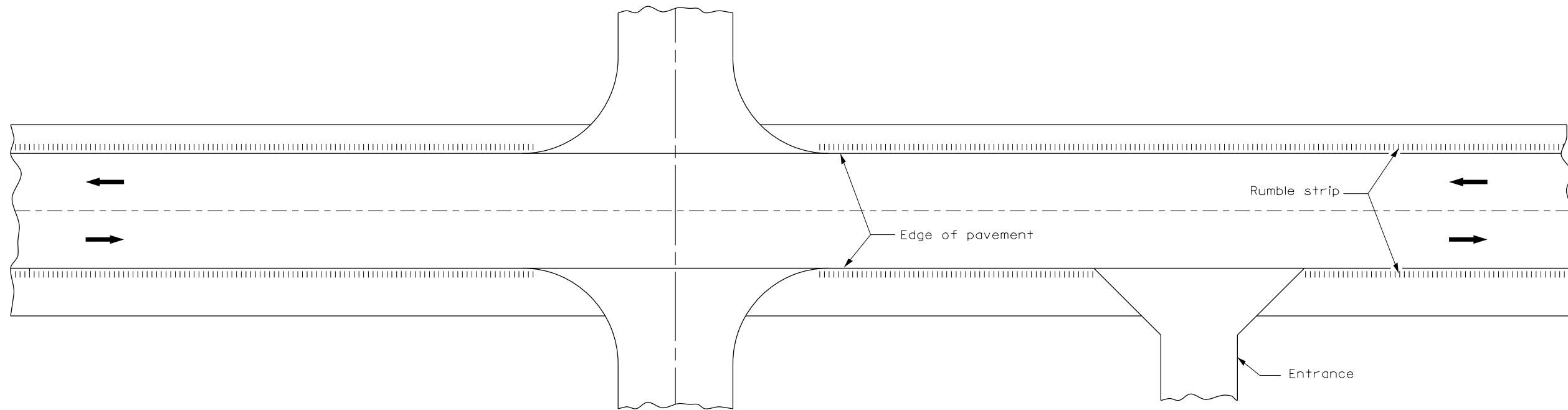
SECTION A-A



SECTION B-B



HALF PLAN  
TYPICAL APPLICATION FOR RURAL AREAS



HALF PLAN  
TYPICAL APPLICATION AT SIDEROADS AND ENTRANCES

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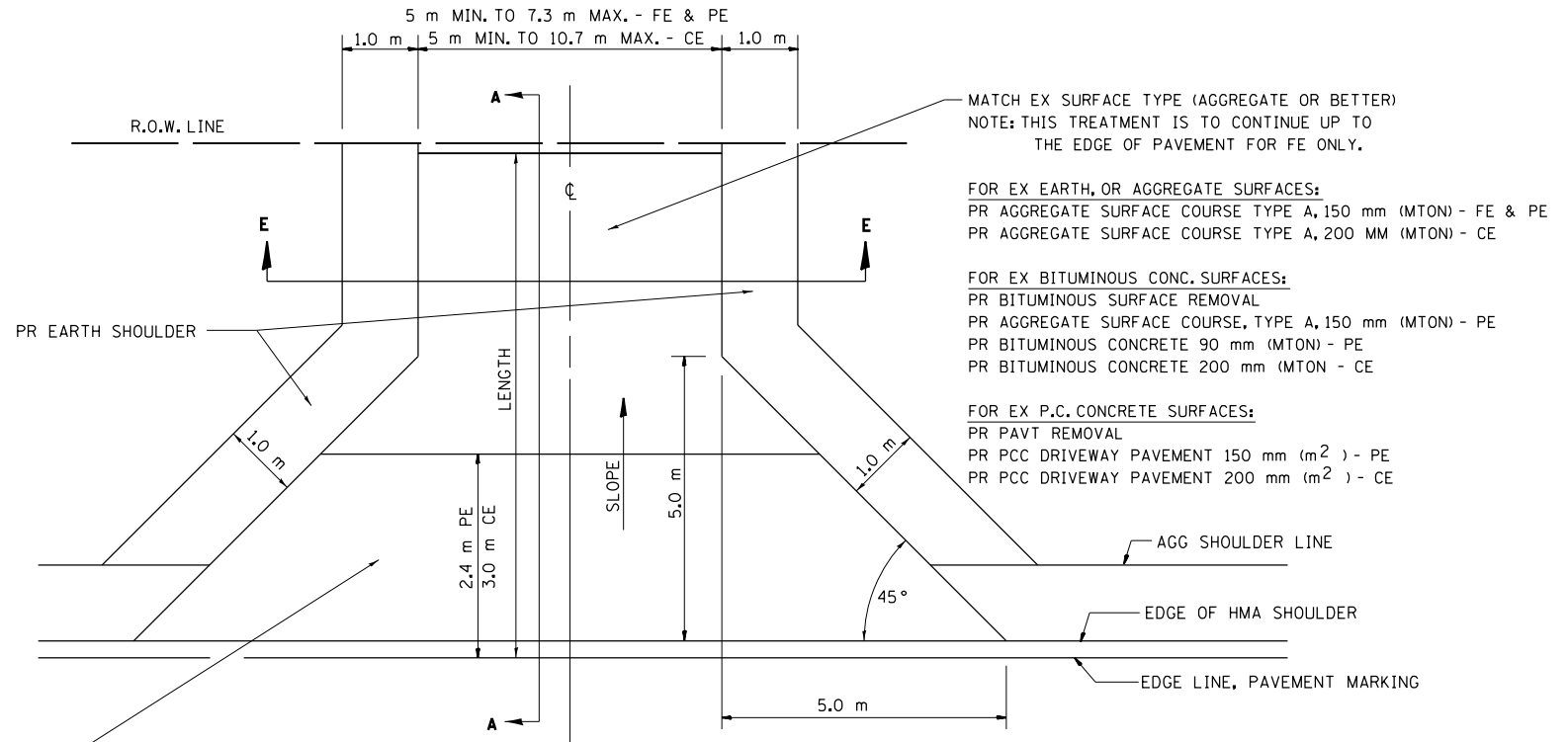
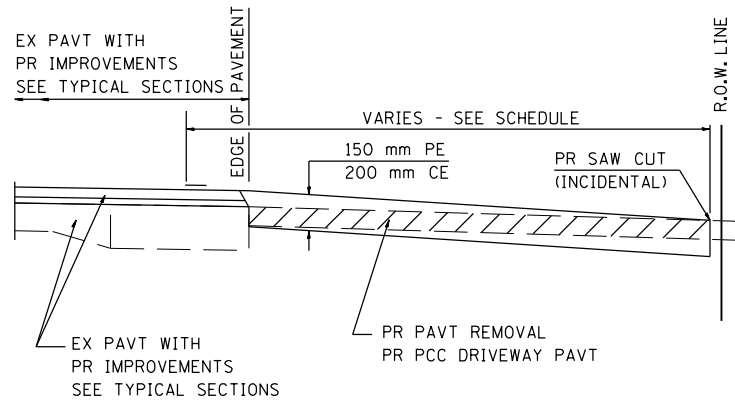
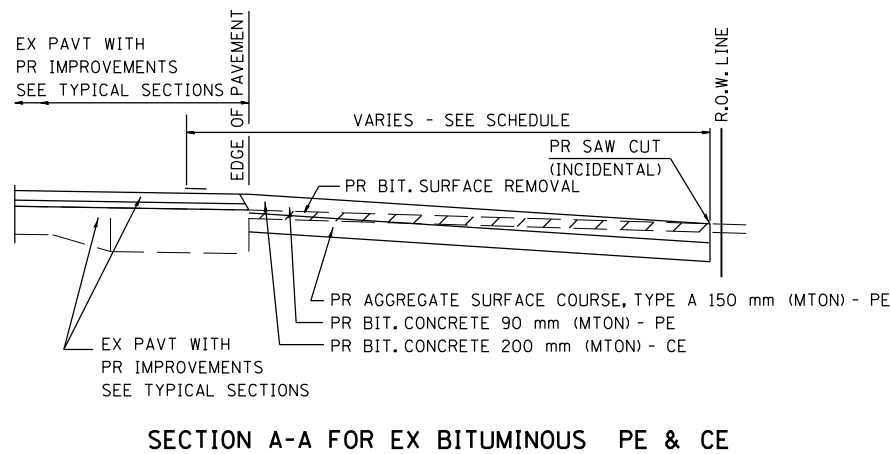
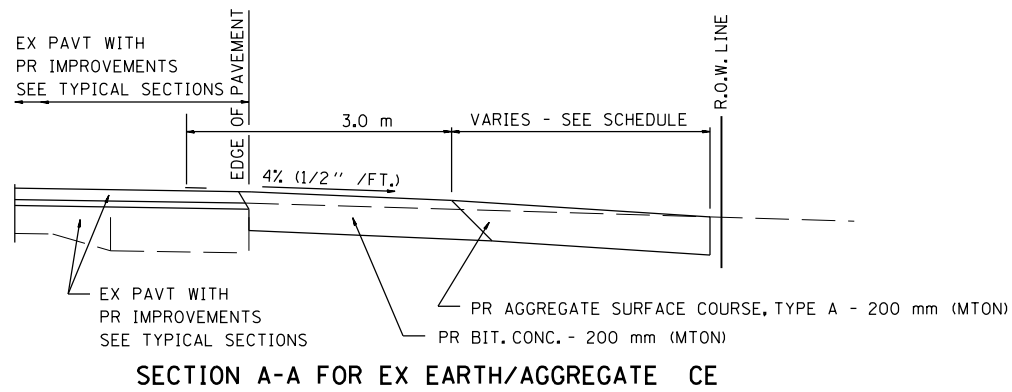
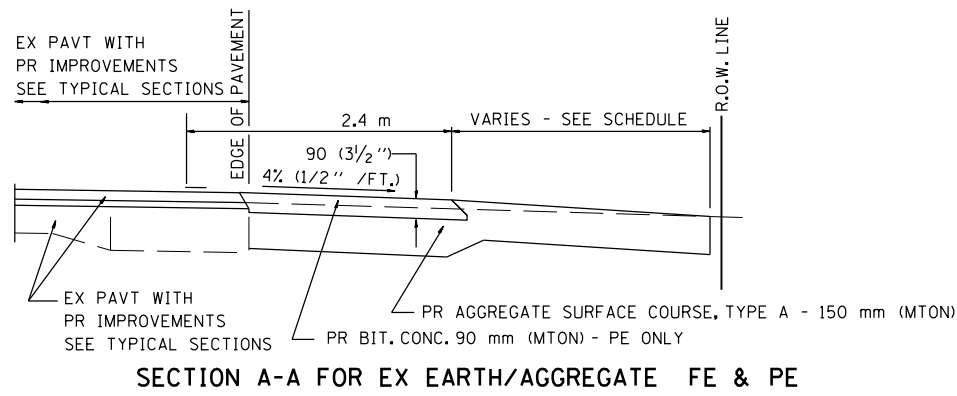
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

RUMBLE STRIPS DETAIL

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	116RS-4	LOGAN	27	24
CONTRACT NO. 72C22				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				





FOR EX EARTH, AGGREGATE, OR BITUMINOUS CONC SURFACES:  
 PR BIT SURFACE REMOVAL (IF APPLICABLE)  
 PR AGGREGATE SURFACE COURSE TYPE A 150 mm (MTON) - FE  
 PR AGGREGATE SURFACE COURSE TYPE A, 150 mm (MTON) &  
 PR BITUMINOUS CONCRETE 90 mm (MTON) - PE  
 PR BITUMINOUS CONCRETE 200mm (MTON) - CE

FOR P.C. CONCRETE SURFACES:  
 PR PAVT REMOVAL  
 PR PCC DRIVEWAY PAVT 150 mm (m<sup>2</sup>) - PE  
 PR PCC DRIVEWAY PAVT 200 mm (m<sup>2</sup>) - CE

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.

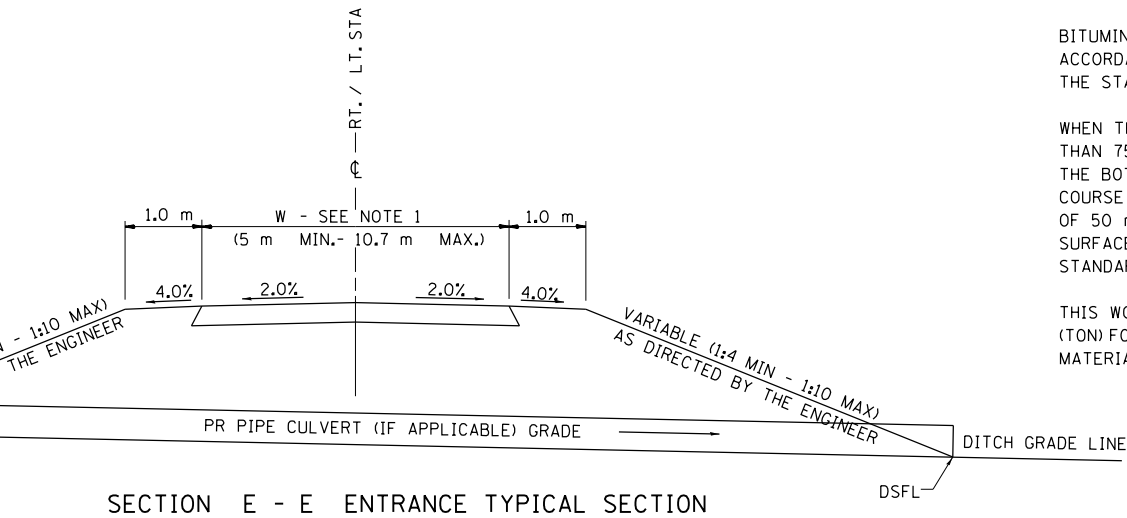
THE PLAN DETAILS AND SCHEDULES SHOULD BE USED AS A GUIDE FOR THE ENGINEER TO IMPLEMENT THE FINAL DESIGN. THE ENGINEER MAY DECIDE TO SALVAGE PORTIONS OF THE EXISTING ENTRANCE PAVEMENT STRUCTURE; THEREFORE, REDUCING PAY ITEM QUANTITIES. NO ADDITIONAL PAYMENT WILL BE ALLOWED FOR THIS REDUCTION IN QUANTITIES.

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, MIXTURE C, CLASS I, TYPE 2 OF SECTION 406 OF THE STANDARD SPECIFICATIONS.

THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER METRIC TON (TON) FOR "INCIDENTAL BITUMINOUS SURFACING" WHICH SHALL INCLUDE ALL MATERIALS, EQUIPMENT, AND LABOR INVOLVED.

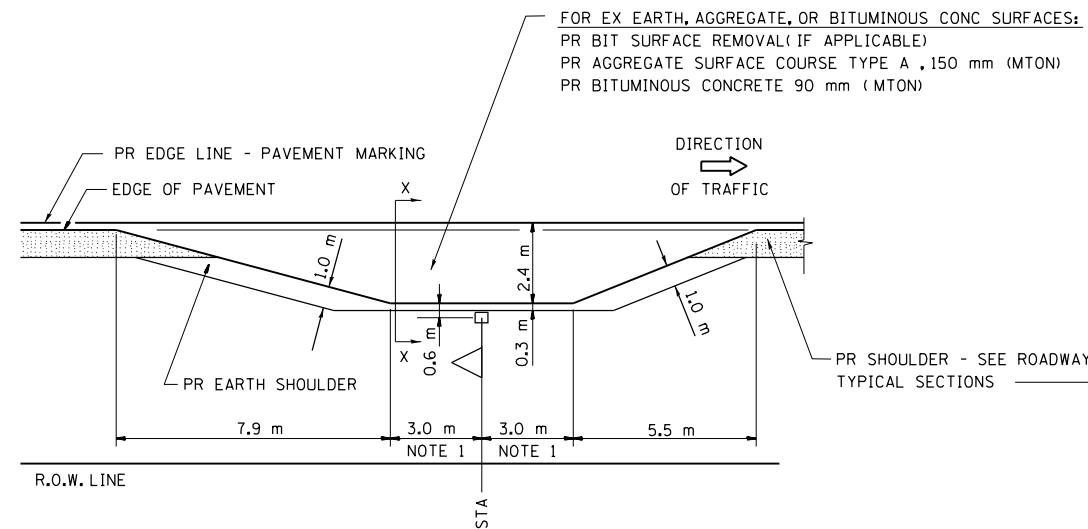


NOTE 1: WIDTH OF ENTRANCE MAY BE INCREASED AT THE PIPE CULVERT DUE TO THE DITCHLINE BEING LOCATED IN THE ENTRANCE FLARE AREA.

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

FILE NAME = c:\pwwork\pwwork\laughlin\11d0217938\06	USER NAME = laughlin1	DESIGNED - DRAWN - CADD	REVISED - REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DETAILS FOR RURAL ENTRANCE &amp; MAILBOX TURNOUT</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
<b>3RMRURAL.DGN</b>	2C22-shr-3rmmrural.dgn	CHECKED - JCN	REVISED -		SCALE:	SHEET NO. 1 OF 2 SHEETS	STA.	TO STA.	315	116TRS-4	LOGAN	27	25
	PLOT SCALE = 40.000' / in.	DATE - FEBRUARY 23, 1999	REVISED -		<b>CONTRACT NO. 72C22</b>								
	PLOT DATE = Dec-16-2010 11:52:09AM				FED. ROAD DIST. NO.   ILLINOIS FED. AID PROJECT								

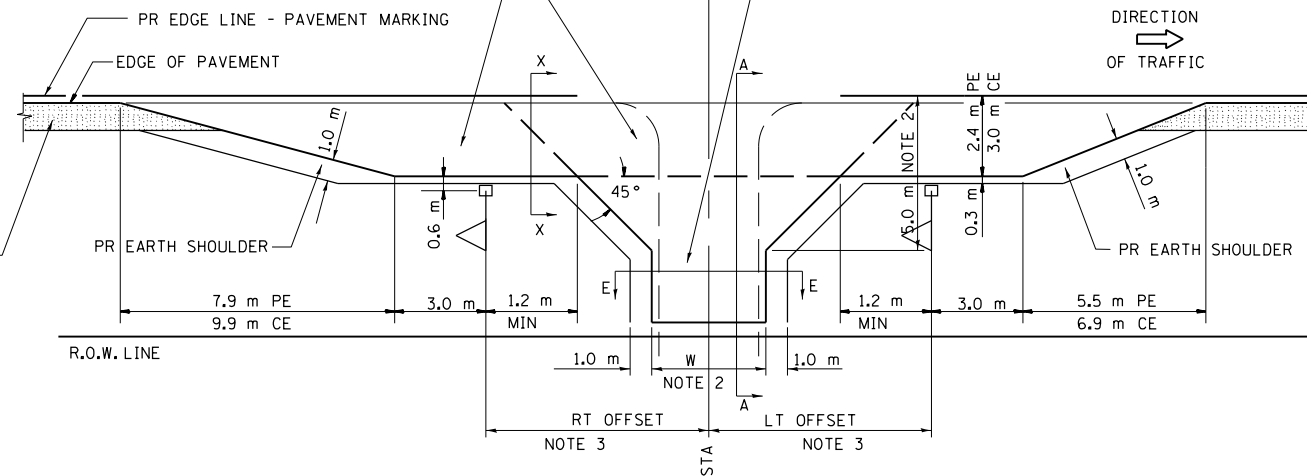
## DETAILS OF MAILBOX TURNOUTS



PLAN - MAILBOX TURNOUTS

FOR EX EARTH, AGGREGATE, OR BITUMINOUS CONC SURFACES:  
 PR BIT SURFACE REMOVAL (IF APPLICABLE)  
 PR AGGREGATE SURFACE COURSE TYPE A, 150 mm (MTON) &  
 PR BITUMINOUS CONCRETE 90 mm (MTON) - PE  
 PR BITUMINOUS CONCRETE 200mm (MTON) - CE

FOR P.C. CONCRETE SURFACES:  
 PR PAVT REMOVAL  
 PR PCC DRIVEWAY PAVT 150mm (m<sup>2</sup>) - PE  
 PR PCC DRIVEWAY PAVT 200mm (m<sup>2</sup>) - CE

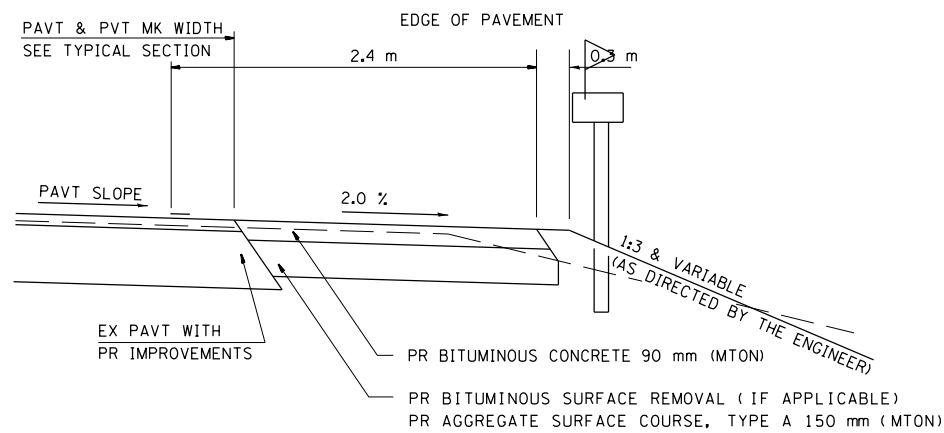


PLAN - COMBINED MAILBOX TURNOUT WITH TRAILING OR LEADING ENTRANCE

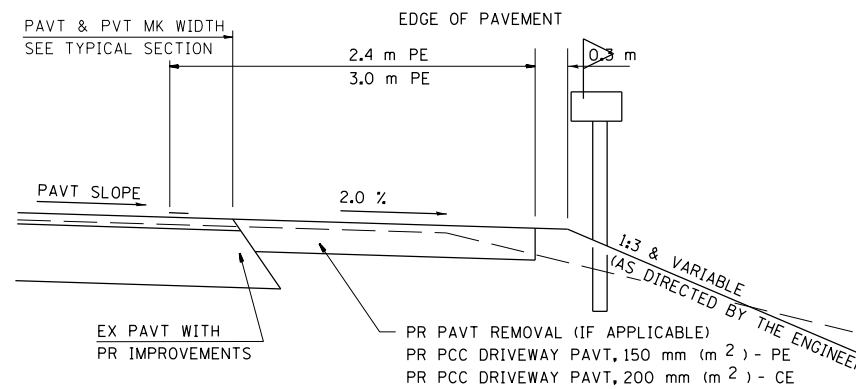
NOTE 1 IF MORE THAN ONE MAILBOX IS PRESENT, DIMENSION FROM CENTER OF END MAILBOX.

NOTE 2 FOR ENTRANCE LAYOUT DIMENSIONS AND SECTIONS A-A & E-E REFER TO THE SCHEDULES IN THE PLANS.

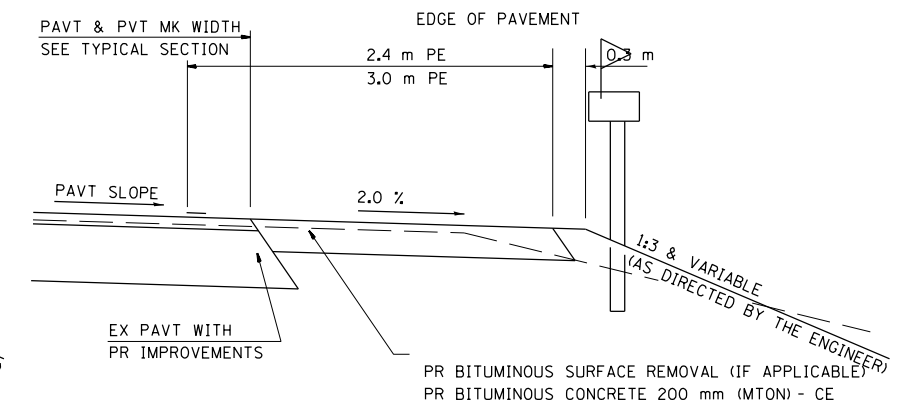
NOTE 3 BOTH LT OR RT OFFSETS FOR MAILBOX SHOWN USE OFFSET DIMENSION PER SCHEDULE AND REFER TO LAYOUT SHOWN ON THE PLAN.



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



SECTION X-X THRU MAILBOX TURNOUT  
 COMBINED WITH EX CONC PE OR CE



SECTION X-X THRU MAILBOX TURNOUT  
 COMBINED WITH EX EARTH, AGGREGATE, OR BITUMINOUS CE

FILE NAME =	USER NAME = laughlinc1	DESIGNED -	REVISED -
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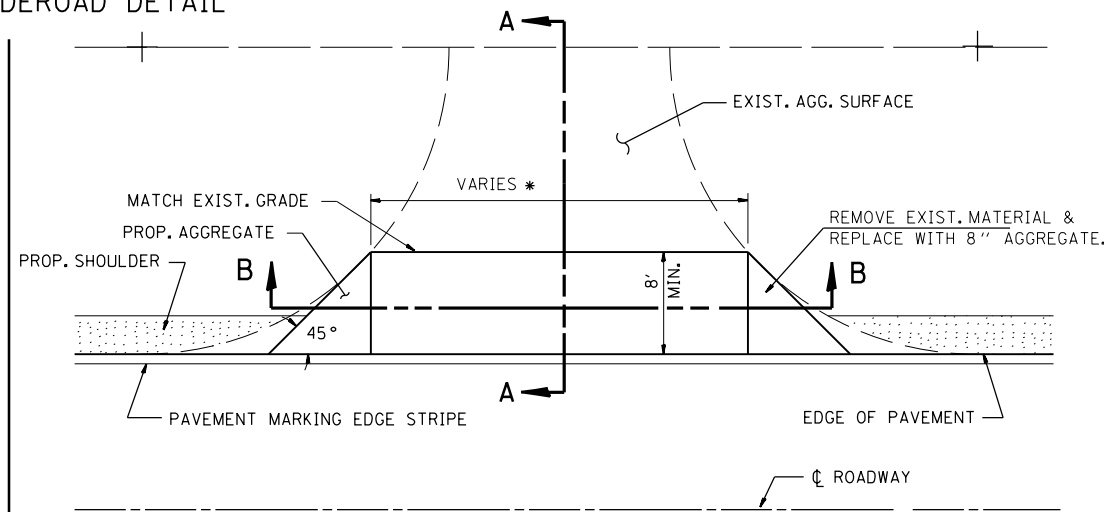
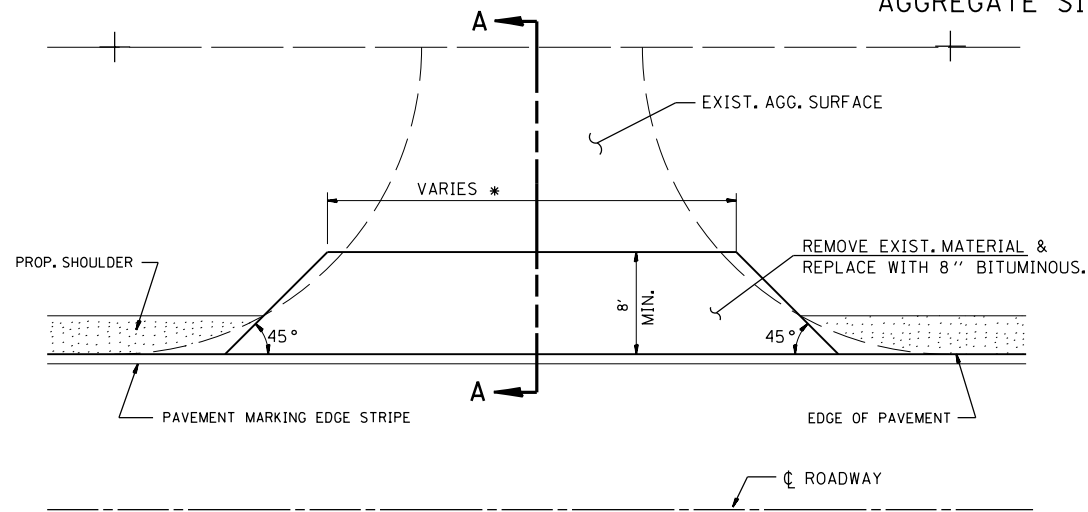
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DETAILS FOR RURAL  
 ENTRANCE & MAILBOX TURNOUT**

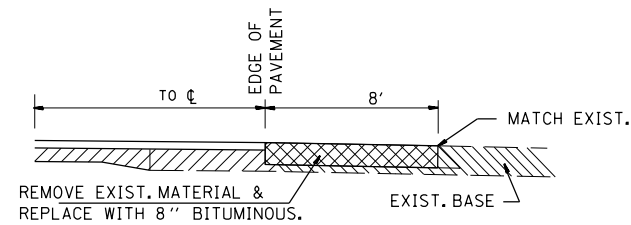
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	116RS-4	LOGAN	27	26
CONTRACT NO. 72C22				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

AGGREGATE SIDEROAD DETAIL

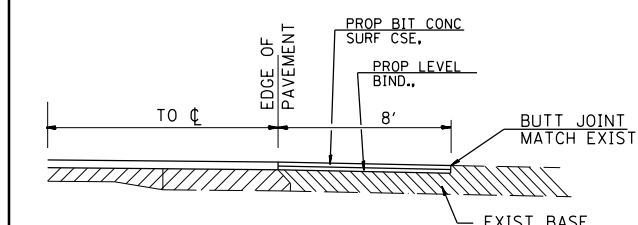


\* AS SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGINEER.



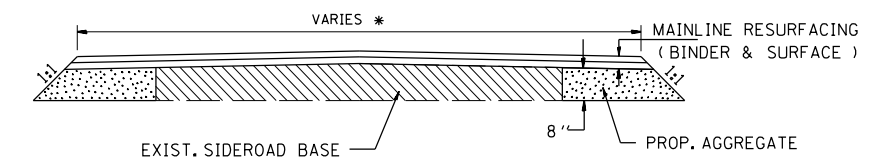
SECTION A-A

TYPE A



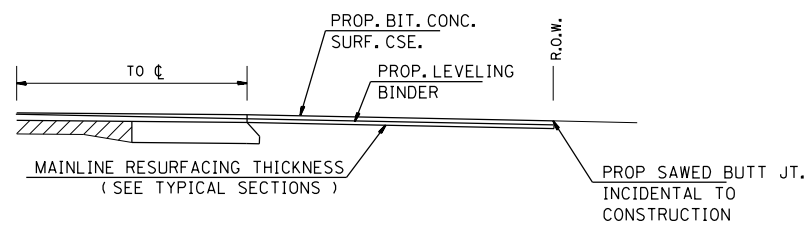
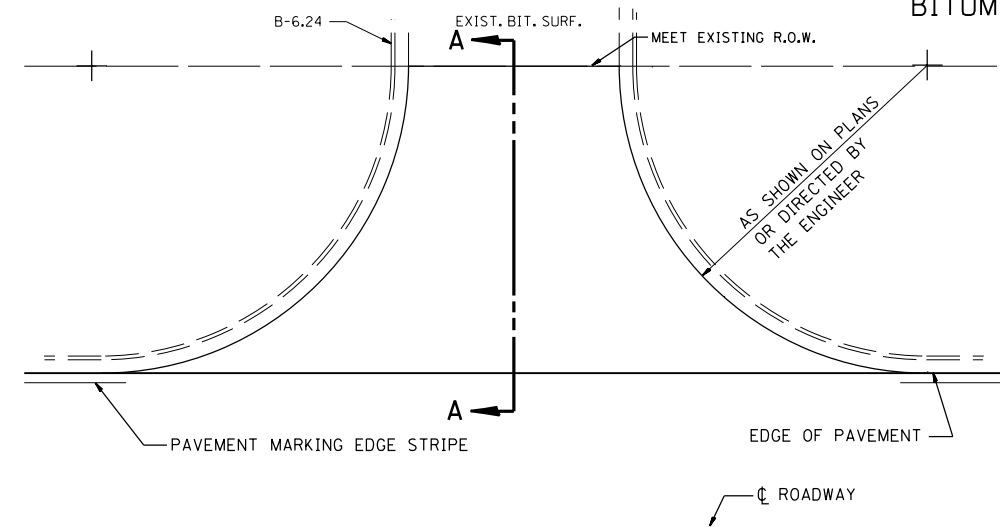
SECTION A-A

TYPE B



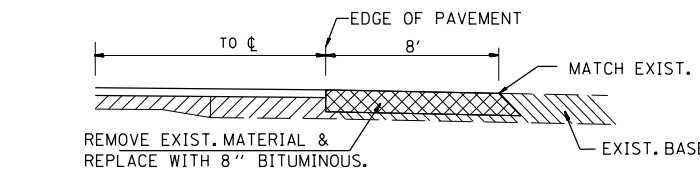
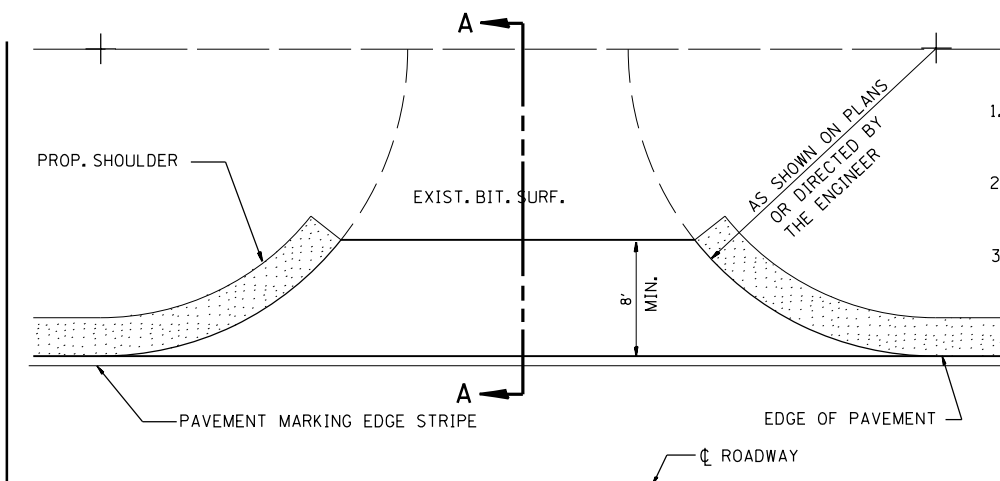
SECTION B-B

BITUMINOUS SIDEROAD DETAIL

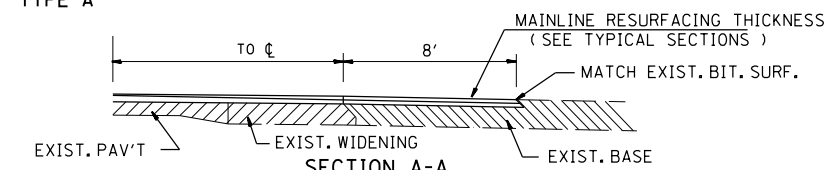


SECTION A-A

URBAN ROAD OR STREET



TYPE A



SECTION A-A

TYPE B

RURAL SIDEROADS

NOTES

1. THE SIDEROAD TREATMENT FOR RURAL BITUMINOUS SIDEROADS SHALL BE CONTINUED TO THE END OF THE RADIUS RETURN IF RADIUS IMPROVEMENT IS SHOWN ON THE PLANS.
2. IF VERTICAL GRADE CHANGE IS OCCURRING, THEN THE SIDEROAD TREATMENT SHALL CONTINUE UNTIL THE PROPOSED CHANGE MEETS THE EXISTING SIDEROAD.
3. THE ROADWAY PLANS AND SCHEDULE WILL LIST THE QUANTITIES AND LOCATIONS FOR ALL SIDEROADS.

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	PLOT DATE = Dec-16-2010 11:52:15AM	DATE - 10/21/92	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SIDEROAD DETAILS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	116RS-4	LOGAN	27	27
CONTRACT NO.				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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