

F.A.U. SHEET NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8139	(30,J)RS-3	MACOUPIN	45	1
		ILLINOIS	CONTRACT NO. 72C18	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

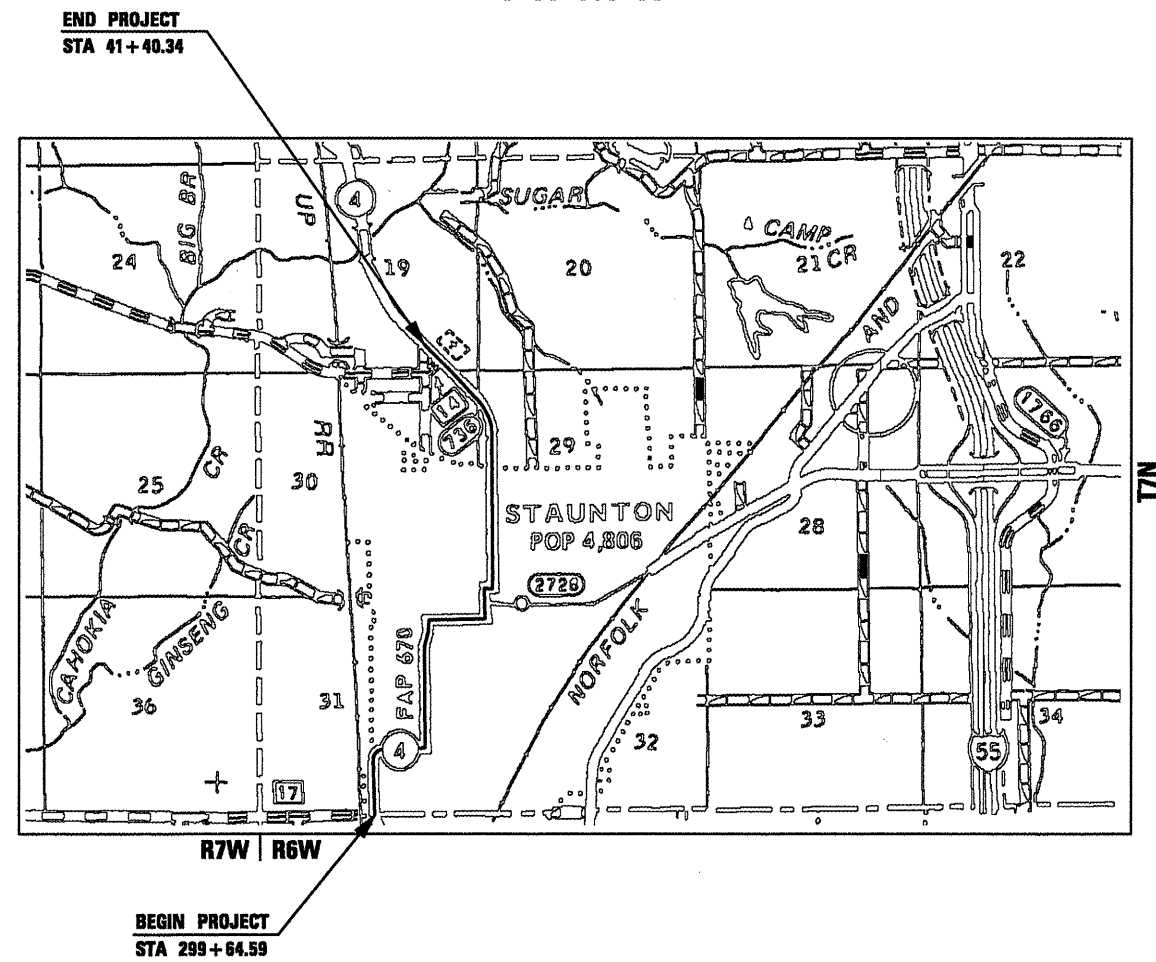
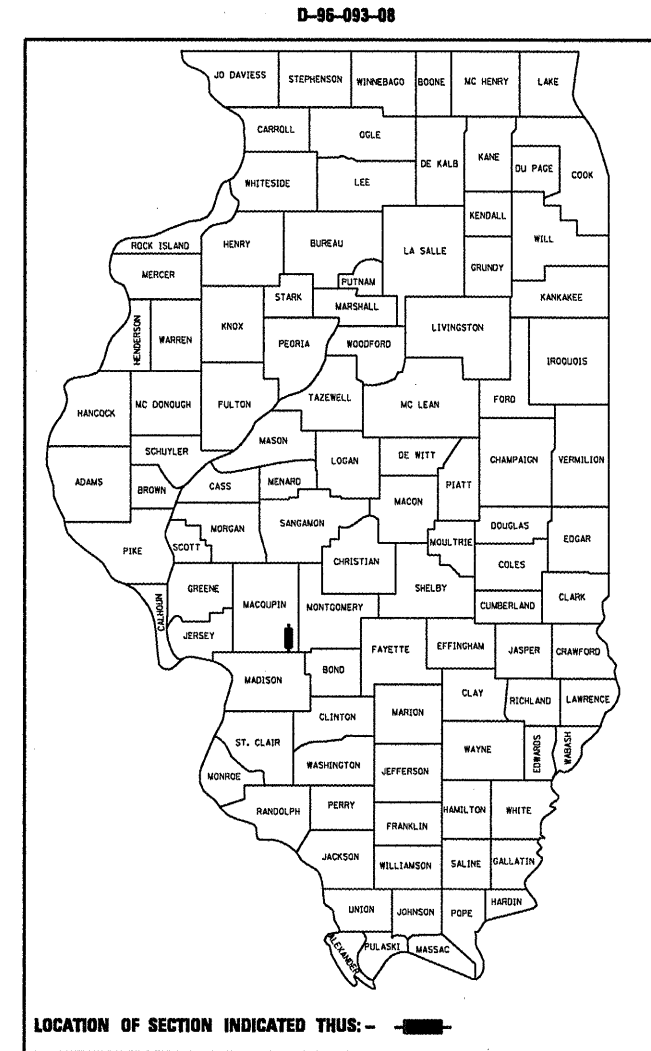
FAU ROUTE 8139 (IL RTE 4)
SECTION (30,J)RS-3

RESURFACING
MACOUPIN COUNTY

C-96-093-08

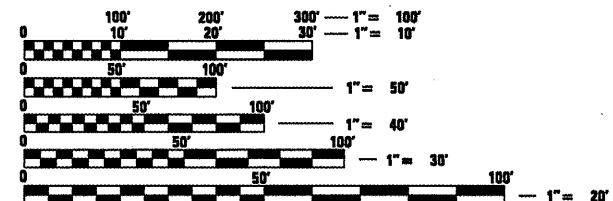
FOR INDEX OF SHEETS, SEE SHEET NO. 2

ADT (MIN.)	ADT (MAX.)
3,850 (2007)	7,200 (2007) MAX
MU = 80 (2.1%)	MU = 125 (1.7%)
SU = 70 (1.8%)	SU = 200 (2.8%)



LOCATION MAP

NET LENGTH = 14,944 FT. = 2.83 MILES



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 (217) 782-6990
TEAM ENGINEER MARK DUST (217) 785-0597

CONTRACT NO. 72C18

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED April 13 2010
Les Z. D...
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

May 7 2010
Scott E. Stitt P.E. /sc
ENGINEER OF DESIGN AND ENVIRONMENT

May 7 2010
Christine M. Reed /sc
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS**

GENERAL NOTES

- ANY REFERENCE TO THE STANDARDS THROUGH OUT THE PLANS SHALL BE INTERPRETED TO BE THE LATEST STANDARDS OF THE DEPARTMENT AS INCLUDED IN THE PLANS.
- THE FOLLOWING APPLICATION RATES WERE USED FOR QUANTITY CALCULATIONS:

HMA SURFACE	0.056 T/SY*IN
HMA BINDER	0.056 T/SY*IN
HMA SHOULDER	0.056 T/SY*IN
PRIME COAT - BIT (PAVEMENT)	0.00038 T/SY
PRIME COAT - BIT (ENTRANCES)	0.001425 T/SY
PRIME COAT - AGG	0.002 T/SY
AGG SHOULDERS, TYPE B	1.89 T/CY
- ACTUAL SIZE AND LOCATIONS OF PATCHES, IF ANY, WILL BE DETERMINED IN THE FIELD BY THE RESIDENT ENGINEER.
- IN ADDITION TO FIELD SURVEYS AND AERIAL 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 BID PRICE FOR THE WORK.
- THE LOCATION OF ANY NO PASSING ZONES WILL BE NOTED PRIOR TO RESURFACING. NOTIFY THE BUREAU OF OPERATIONS TWO WEEKS PRIOR TO STRIPING SO NO PASSING ZONES CAN BE FIELD VERIFIED.
- ALL UNSURFACED AREAS WITHIN THE R.O.W. AND EASEMENTS SHALL BE SEEDED, FERTILIZED, AND MULCHED, AS DIRECTED BY THE ENGINEER. SEEDING WILL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET OR IN AN UNTILLABLE CONDITION.
- IN ACCORDANCE WITH STATE OF ILLINOIS P.A. 86-0674, THE CONTRACTOR IS TO NOTIFY ALL UTILITY COMPANIES NOT MORE THAN 14 DAYS NOR LESS THEN 48 HOURS (EXCLUSIVE OF SATURDAYS, SUNDAYS, AND HOLIDAYS) IN ADVANCE OF THE START OF EXCAVATION OR DEMOLITION.

J.U.L.I.E. TELEPHONE NUMBER
1-800-892-0123
- 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 INCIDENTAL TO THE CONTRACT AND NO COMPENSATION WILL BE ALLOWED.
- 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.
- ACCESS MUST BE MAINTAINED TO ALL EXISTING PROPERTIES DURING CONSTRUCTION UNLESS ARRANGEMENTS ARE MADE IN WRITING BY THE CONTRACTOR WITH THE PROPERTY OWNERS WITH A COPY TO THE ENGINEER FOR SHORT TERM CLOSURES.
- THE RUMBLE STRIP SHOULD NOT BE CARRIED THROUGH ENTRANCES OR MAILBOX TURNOUTS AND SHOULD BE TERMINATED AT THE CITY LIMITS.

COMMITMENTS

- THE RESIDENT ENGINEER SHALL CONTACT STUDIES AND 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.
- LETTER OF UNDERSTANDING - STAUNTON

INDEX OF SHEETS

- COVER SHEET
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- 45 RUMBLE STRIP DETAILS

LIST OF STANDARDS

- 000001-05
- 406201-01
- 442201-03
- 642001-01
- 701001-02
- 701006-03
- 701011-02
- 701201-03
- 701301-03
- 701306-02
- ~~701501-05~~
- 701801-04
- 701901-01
- 780001-02
- 781001-03

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE TO THIS PROJECT

MIXTURE USES	LEVELING BINDER (MACHINE METHOD), N50	HMA SURFACE CSE. MIX "D", N50	HMA SHOULDER PG64-22	PATCHING PG64-22	INCIDENTAL HMA SURFACING
LOCATION	IL RTE 4	IL RTE 4	IL RTE 4	IL RTE 4	SIDERoads & ENTRANCES
AC/PG DESIGN AIR VOIDS	PG 64-22 4.0% @N50	PG 64-22 4.0% @N50	PG 64-22 4.0% @N50	PG 64-22 4.0% @N50	PG 64-22 4.0% @N50
MIXTURE COMPOSITION (GRADATION MIXTURE)	IL 9.5	IL 9.5 OR 12.5	IL 9.5 OR 12.5	IL 19.0	IL 9.5 OR 12.5
FRICTION AGGREGATE	N/A	MIX D	MIX C	N/A	MIX C

DISTRICT SIX	
EXAMINED <u>March 30</u>	20 <u>10</u>
<i>[Signature]</i>	
OPERATIONS ENGINEER	
EXAMINED <u>MARCH 31</u>	20 <u>10</u>
<i>[Signature]</i>	
PROGRAM IMPLEMENTATION ENGINEER	
EXAMINED <u>March 30</u>	20 <u>10</u>
<i>[Signature]</i>	
PROGRAM DEVELOPMENT ENGINEER	

FILE NAME = c:\pwworking\woods\10817181\027218-11t-ge.mxd

USER NAME = woodsej	DESIGNED - ----	REVISED - ----
PLOT SCALE = 40,0000' / IN.	DRAWN - ----	REVISED - ----
PLOT DATE = Apr-13-2010 09:03:20AM	CHECKED - ----	REVISED - ----
	DATE - ----	REVISED - ----

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES

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

F.A.J. RTE. 8139	SECTION (30,JRS-3)	COUNTY MACOUPIN	TOTAL SHEETS 45	SHEET NO. 2
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 72C18	

ILLINOIS DEPARTMENT OF TRANSPORTATION			TOTAL	
SUMMARY OF QUANTITIES			QUANTITIES	
CODE NO	ITEM	UNIT		
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
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	4500	4500
70300230	TEMPORARY PAVEMENT MARKING - LINE 5"	FOOT	4346	4346
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	500	500
* 78000300	THERMOPLASTIC PAVEMENT MARKING - LINE 5"	FOOT	4346	4346
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	118	118
* 78004200	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LETTERS AND SYMBOLS	SQ FT	248	248
* 78004220	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 5"	FOOT	1838	1838
* 78004230	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 6"	FOOT	2460	2460
* 78004280	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 24"	FOOT	563	563
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	394	394
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	394	394
* X7800620	URETHANE PAVEMENT MARKING - LINE 5"	FOOT	21522	21522
* X7800650	URETHANE PAVEMENT MARKING - LINE 12"	FOOT	124	124
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1

* SPECIALTY ITEM

FILE NAME : c:\pwworkspace\pwworkspace\LAUGH\INR\80717891\0572C18-shr-S00.dgn

USER NAME = laughlinr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PLOT SCALE = 100.0000' / IN.	DRAWN -	REVISED -		SCALE: N.T.S.	SHEET NO. 2 OF 2 SHEETS	STA. N/A	TO STA. N/A	8139	(30,JRS-3	MACOUPIN	45	4
PLOT DATE = Apr-14-2010 07:36:12AM	CHECKED -	REVISED -					CONTRACT NO. 72C18			ILLINOIS FED. AID PROJECT		
	DATE -	REVISED -										

RESURFACING SCHEDULE													
LOCATION	HMA SURFACE REMOVAL VARIABLE	HMA SURFACE REMOVAL 2 1/4"	HMA SURFACE REMOVAL - BUTT JOINT	TEMPORARY RAMP	CURB & GUTTER REMOVAL AND REPLACEMENT	HMA SURFACE COURSE, MIX "D", N50, 1 1/2"	LEVELING BINDER (MACHINE METHOD), N50, 3/4"	INCIDENTAL HMA SURFACING (VARIABLE)	BITUMINOUS MATERIALS (PRIME COAT)	AGGREGATE MATERIAL (PRIME COAT)	HMA SHOULDERS 2 1/4"	AGGREGATE SHOULDERS, TYPE B	SHOULDER RUMBLE STRIP
	SQ YD	SQ YD	SQ YD	SQ YD	FOOT	TON	TON	TON	TON	TON	SQ YD	TON	FOOT
IL RTE 4 (FAU 8139)	8006.7		73.2	12.1		553.8	273.8		3.07	16.16	1486.87	47.51	
STA. 299+64.59 TO STA. 323+99.89													
STA. 323+99.89 TO 330+06.71		26333.5			35	2207.4	1103.7		9.94	52.34	54.84		
STA. 45+43.22 TO 0+00.00													
STA. 97+81.50 TO STA. 129+84.55													
STA. 129+84.55 TO 129+99.83	13408.1		255.1	42.9		950.5	464.5		5.29	27.84	2602.93	99.97	7050
STA. 0+00.00 TO 41+40.34													
PRAIRIETOWN RD	151.2		80.4	11.3				24.3	0.09	0.46			
SIDE ROAD (BASELINE 2)	412.4		48.4	7.5				48.4	0.18	0.92			
W. EIGHTH ST.			48.8	15.3				5.1	0.02	0.10			
W. SEVENTH ST.			46.2	13.1				4.8	0.02	0.09			
W. DAWSON ST.			65.9	15.9				6.9	0.03	0.13			
W. SIXTH ST. (EAST)			84.4	14.0				8.9	0.03	0.17			
W. SIXTH ST. (WEST)			82.5	14.2				8.7	0.03	0.16			
W. FIFTH ST.			63.2	10.4				6.6	0.02	0.13			
SPRING ST. (WEST)			64.6	10.7				6.8	0.02	0.13			
SPRING ST. (EAST)			67.3	11.6				7.1	0.03	0.13			
PAGE ST.			59.0	10.8				6.2	0.02	0.12			
W. HENRY ST. (EAST)			41.4	11.0				4.3	0.02	0.08			
W. HENRY ST. (WEST)			43.5	10.9				4.6	0.02	0.09			
MILL ST.			88.5	11.1				9.3	0.03	0.18			
PEARL ST.			41.6	14.6				4.4	0.08	0.41			
BLUFFS RD.			63.6	13.2				6.7	0.02	0.13			
S. FRANKLIN ST.			65.9	11.8				6.9	0.03	0.13			
HUSTON ST.			81.3	13.8				8.5	0.03	0.16			
S. HIBBARD ST.			67.7	16.7				7.1	0.03	0.14			
W. PEARL ST.			173.1	14.6				18.2	0.07	0.35			
MAIN ST. (WEST)			267.3	16.2				28.1	0.10	0.53			
MAIN ST. (EAST)			504.9	24.2				53.0	0.19	1.01			
NORTH ST. (WEST)			93.0	13.1				9.8	0.09	0.48			
NORTH ST. (EAST)			82.7	14.4				8.7	0.06	0.31			
MACOUPIN ST. (WEST)			96.0	13.0				10.1	0.05	0.27			
MACOUPIN ST. (EAST)			98.7	13.7				10.4	0.05	0.25			
W. OLIVE ST. (WEST)			68.1	12.2				7.1	0.03	0.14			
W. OLIVE ST. (EAST)			103.5	18.9				10.9	0.04	0.21			
W. PENNSYLVANIA ST. (WEST)			68.7	13.7				7.2	0.03	0.14			
W. PENNSYLVANIA ST. (EAST)			109.5	17.8				11.5	0.04	0.22			
W. LAFAYETTE (WEST)			67.1	13.8				7.0	0.03	0.13			
W. LAFAYETTE (EAST)			68.7	13.1				7.2	0.03	0.14			
CEDAR LANE			72.1	13.6				7.6	0.03	0.14			
W. PRAIRIE ST. (WEST)			72.3	12.6				7.6	0.03	0.14			
W. PRAIRIE ST. (EAST)			67.6	11.3				7.1	0.03	0.14			
PHILLIPS ST.			71.6	13.6				7.5	0.03	0.14			
BUNKER HILL RD.			117.4	24.4				12.3	0.05	0.24			
(SR HMA @ 20+78.56)	27.4					2.3	1.2		0.03	0.15			
STAUNTON BUNKER HILL RD.	796.1		89.9	14.1				78.1	0.35	1.83	142.58		
TR 1875E	199.7		78.4	9.7				29.2	0.11	0.56			
TOTAL	23001.6	26333.5	3902.6	590.9	35	3714.0	1843.2	524.1	20.47	107.72	4287.2	147.48	7050

FILE NAME = c:\pwworking\vw\DOT\LAUGH\INRL\d071789\0672C18-sht-schedule.dgn

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	DRAWN -	REVISED -
PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
PLOT DATE = Apr-14-2010 07:56:18AM	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: N.T.S. SHEET NO. 1 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8139	(30,JRS-3)	MACOUPIN	45	5
CONTRACT NO. 72C18			ILLINOIS FED. AID PROJECT	

ENTRANCE IMPROVEMENT SCHEDULE											
LOCATION	TYPE OF ENTRANCE	EX MATERIAL TYPE	WIDTH	RT OFFSET	LT OFFSET	LENGTH (FROM EDGE OF PVT/ BIT SHLD TO LIMITS OF IMPROVEMENT)	HMA SURFACE REMOVAL VARIABLE	INCIDENTAL HMA SURFACING (2 1/4")	AGGREGATE SURFACE COURSE TY - B	BIT (P.C.)	AGG (P.C.)
(LT / RT) (STA) (+)	(FE / PE / CE / MB) - (RURAL / URBAN)	(EARTH / AGG. / BIT. / P.C.C.)	FOOT	FOOT	FOOT	FOOT	SQ. YD.	TON	TON	TON	TON
IL RTE 4 (FAU 8139)											
RT 300+73.26	PE - RURAL	AGG	11	26		12	34.2	4.31	0.7	0.05	0.07
LT 301+64.27	CE - RURAL	HMA	35			7	36.1	4.55		0.05	0.07
LT 303+42.20	CE - RURAL	HMA / AGG	24		28	7	48.8	6.15		0.07	0.10
LT 308+04.70	PE - RURAL	AGG	23		26	12	36.8	4.64	0.9	0.05	0.07
RT 308+82.87	CE - RURAL	AGG	27			12	28.3	3.57	1.3	0.04	0.06
LT 309+47.85	PE - RURAL	AGG	20		27	12	35.0	4.41	0.8	0.05	0.07
LT 310+89.83	PE - RURAL	AGG	12		25	13	37.3	4.70	0.7	0.05	0.07
LT 312+25.75	PE - RURAL	AGG	8			13	21.7	2.73	0.8	0.03	0.04
LT 315+21.00	PE - RURAL	AGG	14		53	12	20.5	2.58	0.8	0.03	0.04
RT 320+33.04	CE - RURAL	AGG	34			12	31.1	3.92	1.3	0.04	0.06
LT 320+45.88	PE - RURAL	AGG	14		28	12	33.7	4.25	0.8	0.05	0.07
LT 320+84.13	PE - RURAL	AGG	24		29	12	37.2	4.69	1.0	0.05	0.07
RT 322+05.28	CE - RURAL	AGG / HMA	33			12	28.3	3.57	1.3	0.04	0.06
LT 322+50.48	PE - RURAL	AGG	11		24	12	29.3	3.69	0.6	0.04	0.06
LT 324+16.12	PE - RURAL	AGG	24			12	24.3	3.06	1.0	0.03	0.05
RT 324+29.63	CE - RURAL	AGG / HMA	30			12	27.6	3.48	1.4	0.04	0.06
RT 324+96.39	CE - RURAL	AGG / HMA	35			12	35.2	4.44	1.4	0.05	0.07
RT 6+40.38	CE - RURAL	AGG	24			12	39.9	5.03	0.9	0.06	0.08
RT 8+17.53	CE - RURAL	HMA	30			7	40.7	5.13		0.06	0.08
RT 11+21.82	CE - RURAL	HMA	35			7	40.7	5.13		0.06	0.08
RT 32+08.52	PE - RURAL	HMA	24			7	38.6	4.86		0.06	0.08
RT 39+94.40	PE - RURAL	HMA	10			7	30.4	3.83		0.04	0.06
TOTAL =							735.7	92.70	15.6	1.05	1.47

RAISED REFLECTIVE PAVEMENT MARKER SCHEDULE						
LOCATION	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL			RAISED REFLECTIVE PAVEMENT MARKERS		
	ONE WAY CRYSTAL	ONE WAY AMBER	TWO WAY AMBER	ONE WAY CRYSTAL	ONE WAY AMBER	TWO WAY AMBER
IL RTE 4	EA	EA	EA	EA	EA	EA
299+64.59 TO 323+99.89			37			37
323+99.89 TO 330+06.71		10	241		10	241
45+43.22 TO 0+00.00						
97+81.50 TO 129+84.55						
129+84.55 TO 129+99.83	5	41	60	5	41	60
0+00.00 TO 41+40.34						
TOTALS		394			394	

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USER NAME = laughlrr1	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 48.0000' / IN.	CHECKED -	REVISED -
PLOT DATE = Apr-14-2010 07:56:20AM	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES			
SCALE: N.T.S.	SHEET NO. 2	OF 3 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8139	(30,JRS-3)	MACOUPIN	45	6
CONTRACT NO. 72C18				
ILLINOIS FED. AID PROJECT				

STRIPING SCHEDULE

LOCATION	THERMOPLASTIC PAVEMENT MARKING					URETHANE PAVEMENT MARKING				PERFORMED PLASTIC PAVEMENT MARKING				
	SOLID WHITE 5"	SOLID YELLOW 5"	DOUBLE YELLOW 5"	SOLID WHITE 12"	SOLID YELLOW 12"	SOLID WHITE 5"	SOLID YELLOW 5"	DOUBLE YELLOW 5"	SOLID YELLOW 12"	TYPE B - INLAID 5" SKIP-DASH YELLOW	TYPE B - INLAID 6" SKIP-DASH WHITE	TYPE B - INLAID LINE - 6" SOLID WHITE	TYPE B - INLAID LINE - 24" WHITE STOP BAR	TYPE B - INLAID - LETTERS AND SYMBOLS
	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	SO FT
IL RTE 4														
299+64.59 TO 323+99.89						4650	356	2800		354	32			
323+99.89 TO 330+06.71														
45+43.22 TO 0+00.00	685	670	2567	38	80					880	104	396	55	
97+81.50 TO 129+84.55														
129+84.55 TO 129+99.83						8122	790	4254	124	604	23		25	248
0+00.00 TO 41+40.34														
PRAIRIETOWN RD.								68					10	
SIDE ROAD (BASELINE 2)													14	
W. EIGHTH ST.													10	
W. SEVENTH ST.												55	10	
W. DAWSON ST.												67	14	
W. SIXTH ST. (EAST)												52	13	
W. SIXTH ST. (WEST)												54	13	
W. FIFTH ST.												51	10	
SPRING ST. (WEST)												50	10	
SPRING ST. (EAST)												58	10	
PAGE ST.												54	10	
W. HENRY ST. (EAST)												46	10	
W. HENRY ST. (WEST)												46	9	
MILL ST.												75	10	
PEARL ST.												55	14	
BLUFFS RD.												58	14	
S. FRANKLIN ST.												51	10	
HUSTON ST.												58	13	
S. HIBBARD ST.												62	15	
W. PEARL ST.												73	14	
MAIN ST. (WEST)								38				91	14	
MAIN ST. (EAST)								20				144	23	
NORTH ST. (WEST)													10	
NORTH ST. (EAST)												54	14	
MACOUPIN ST. (WEST)												55	10	
MACOUPIN ST. (EAST)												53	13	
W. OLIVE ST. (WEST)												48	12	
W. OLIVE ST. (EAST)												72	18	
W. PENNSYLVANIA ST. (WEST)												48	10	
W. PENNSYLVANIA ST. (EAST)												69	16	
W. LAFAYETTE (WEST)												54	10	
W. LAFAYETTE (EAST)												51	10	
CEDAR LANE												53	10	
W. PRAIRIE ST. (WEST)												50	10	
W. PRAIRIE ST. (EAST)												45	10	
PHILLIPS ST.												54	12	
BUNKER HILL RD.													14	
STAUNTON BUNKER HILL RD.	270		154			270		154					21	
(TRI875E)													15	
TOTALS		4346			118		21522		124	1838	2460		563	248

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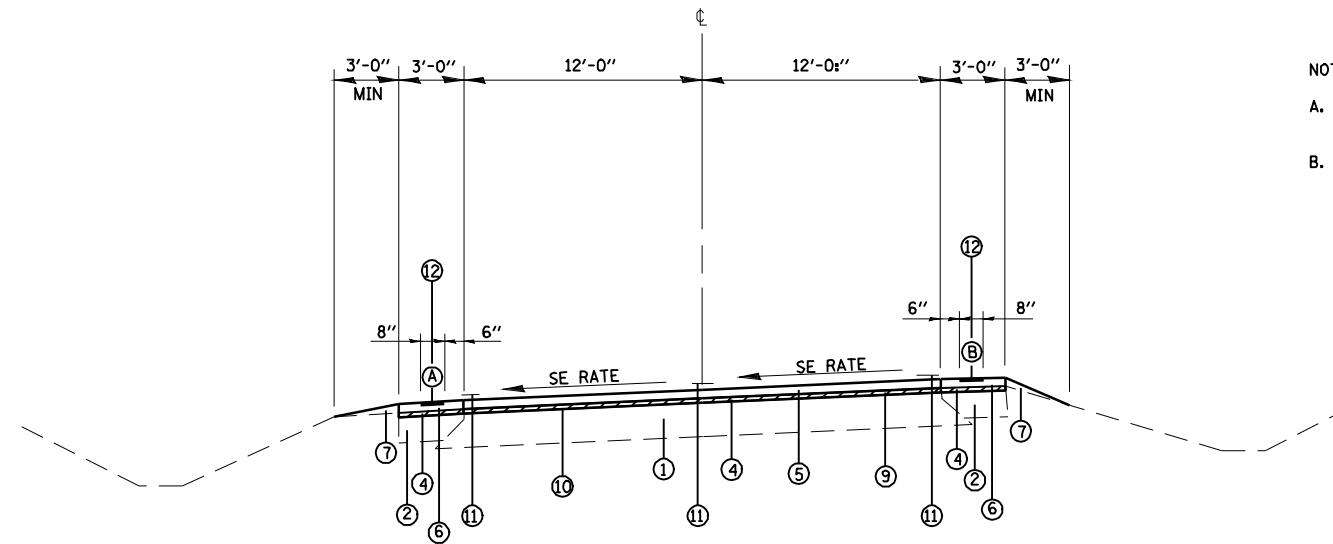
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: N.T.S. SHEET NO. 3 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8139	(30,JRS-3)	MACOUPIN	45	7
CONTRACT NO. 72C18			ILLINOIS FED. AID PROJECT	



NOTES:

- A. SLOPE SHALL BE THE SAME AS THE SUPERELEVATION RATE BUT NOT LESS THEN 4%.
- B. WHEN THE SUPERELEVATION RATE OF THE PAVEMENT IS BETWEEN 0% AND 4%, THE SHOULDER SHALL BE SLOPED AT 4%. WHEN THE SUPERELEVATION RATE OF THE PAVEMENT EXCEEDS 4%, THE SHOULDER SHALL BE SLOPED SO THAT THE ALGEBRAIC DIFFERENCE BETWEEN PAVEMENT AND SHOULDER WILL NOT BE GREATER THEN 8%.

TYPICAL SECTION - S.E. LOCATIONS

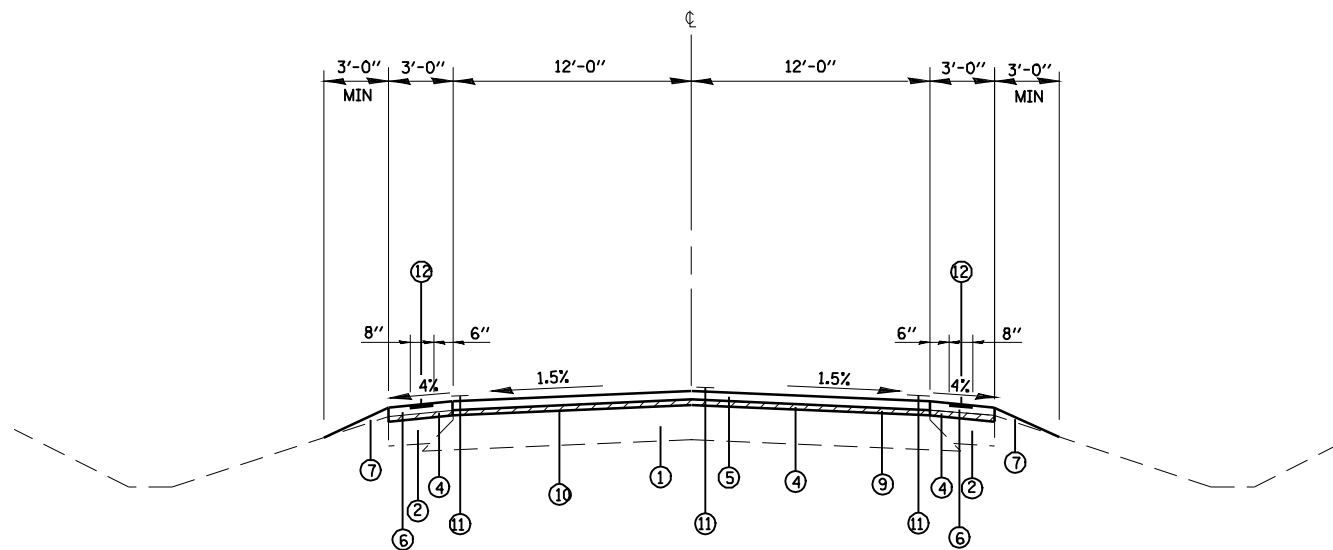
NO SCALE

SE TRANSITION STA. 303+44.49 TO STA 304+17.49
 FULL SE STA. 304+17.49 TO STA. 315+50.74
 SE TRANSITION STA. 315+50.74 TO STA. 316+23.74

SE TRANSITION STA. 12+84.00 TO STA 14+35.00
 FULL SE STA. 314+35.00 TO STA. 22+78.09
 SE TRANSITION STA. 22+78.09 TO STA. 24+29.09

LEGEND

- ① — EX PAVEMENT, (6" BIT. CONC. OVER 7" PCC PVMT.)
- ② — EX HMA SHOULDER, 8"
- ③ — EX CONC. CURB & GUTTER, B-6.24
- ④ — PR HMA LEVEL BINDER COURSE (MACHINE METHOD), N50, 3/4"
- ⑤ — PR HMA SURFACE COURSE, MIX "D", N50-1 1/2"
- ⑥ — PR HMA SHOULDERS, 2 1/4"
- ⑦ — PR AGG SHOULDER, TYPE B
- ⑧ — PR HMA SURFACE REMOVAL, 2 1/4"
- ⑨ — PR HMA SURFACE REMOVAL, VARIABLE DEPTH (3/4" AVG)
- ⑩ — PRIME COAT
- ⑪ — PR PAVEMENT MARKING LINE - 5"
- ⑫ — PR SHOULDER RUMBLE STRIP



TYPICAL SECTION

NO SCALE

STA. 299+64.59 TO STA. 323+99.89
 STA. 129+84.55 TO STA. 129+99.83
 STA. 0+00.00 TO STA. 41+40.34

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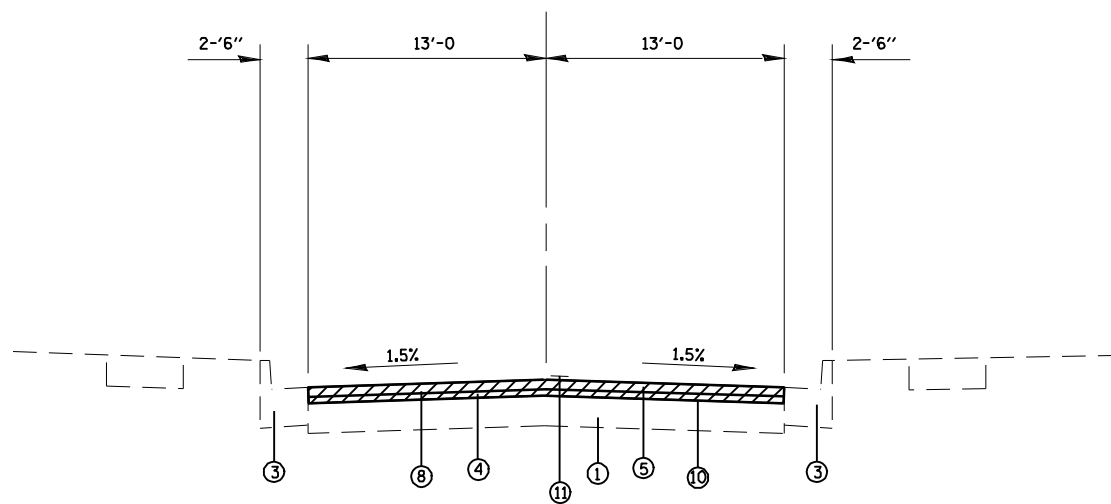
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

SCALE: N.T.S. SHEET NO. 1 OF 2 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8139	(30,JRS-3	MACOUPIN	45	8
CONTRACT NO. 72C18				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



TYPICAL SECTION
 NO SCALE
 STA. 323+99.89 TO 330+06.71
 STA. 45+43.22 TO 0+00.00
 STA. 97+81.50 TO STA. 129+84.55

LEGEND

- ① EX PAVEMENT, (6" BIT. CONC. OVER 7" PCC PVMT.)
- ② EX HMA SHOULDER, 8"
- ③ EX CONC. CURB & GUTTER, B-6.24
- ④ PR HMA LEVEL BINDER COURSE (MACHINE METHOD), N50, 3/4"
- ⑤ PR HMA SURFACE COURSE, MIX "D", N50-1 1/2"
- ⑥ PR HMA SHOULDERS, 2 1/4"
- ⑦ PR AGG SHOULDER, TYPE B
- ⑧ PR HMA SURFACE REMOVAL, 2 1/4"
- ⑨ PR HMA SURFACE REMOVAL, VARIABLE DEPTH (3/4" AVG)
- ⑩ PRIME COAT
- ⑪ PR PAVEMENT MARKING LINE - 5"
- ⑫ PR SHOULDER RUMBLE STRIP

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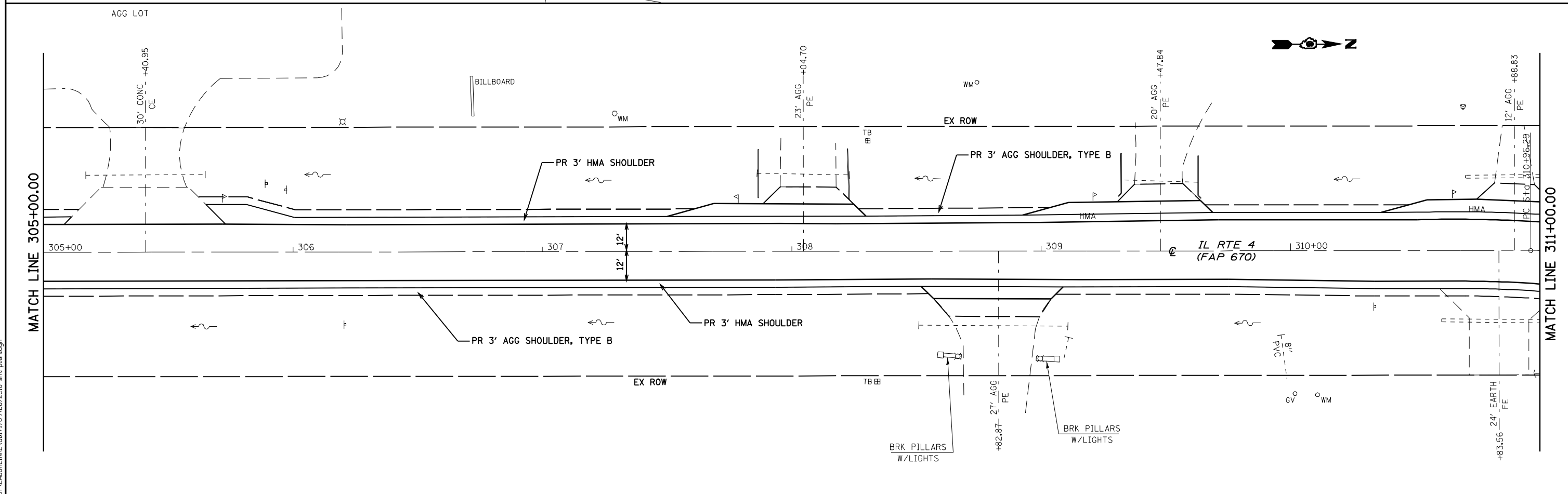
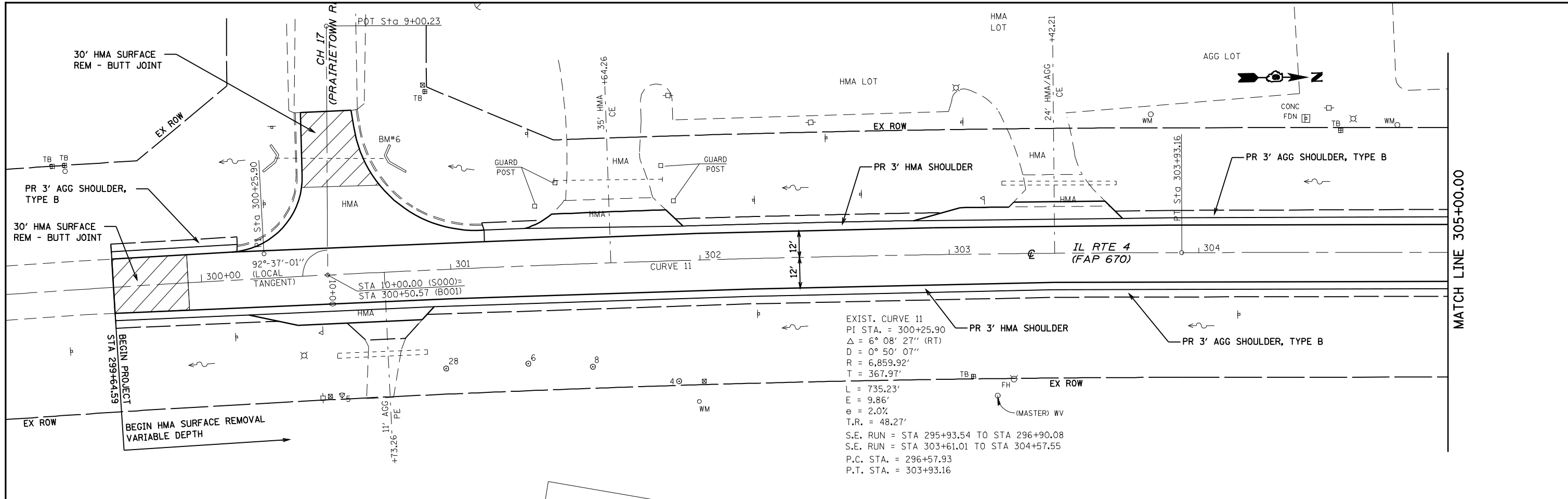
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

SCALE: N.T.S. SHEET NO. 2 OF 2 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8139	(30,JRS-3	MACOUPIN	45	9
CONTRACT NO. 72C18				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

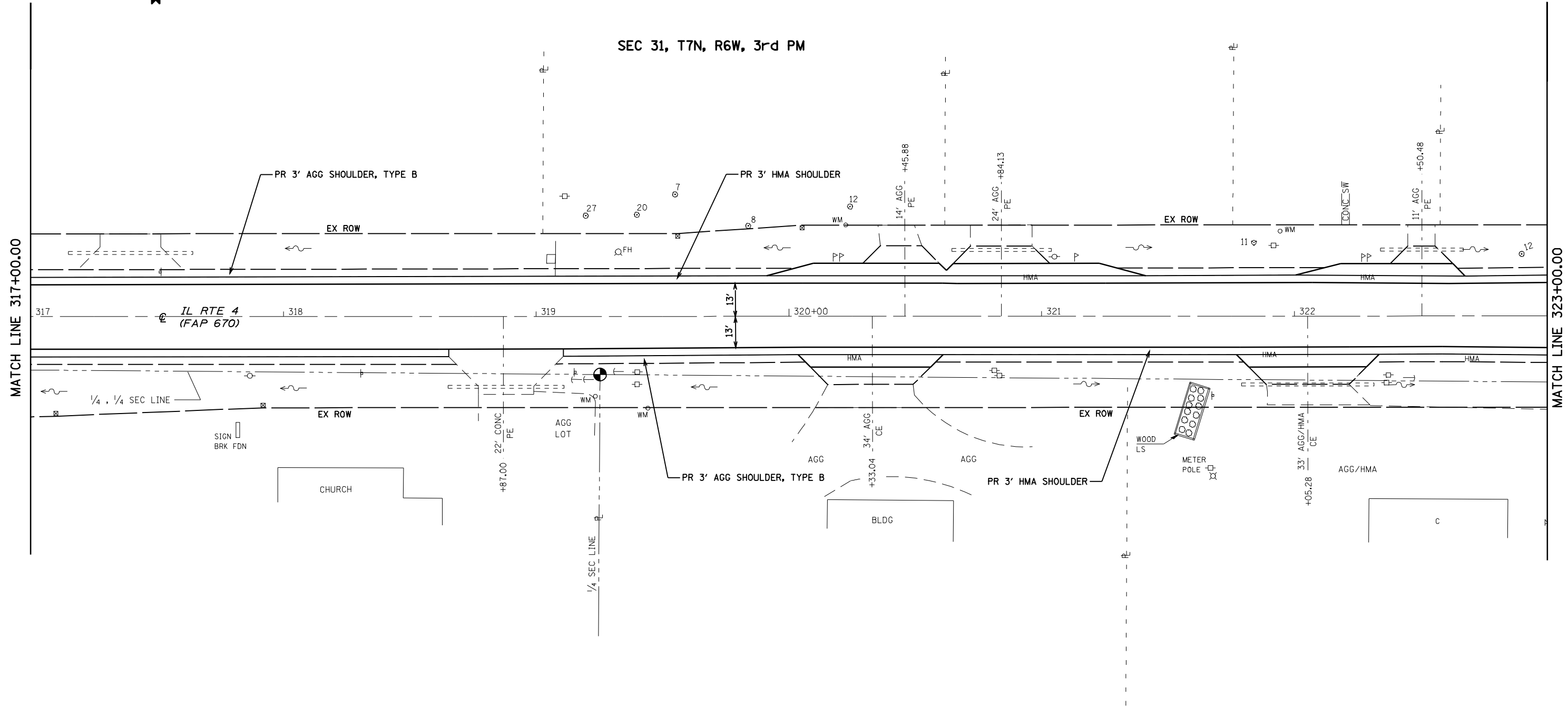
PLAN SHEETS

SCALE: 1"=20' SHEET NO. 1 OF 25 SHEETS STA. 299+64.59 TO STA. 311+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8139	(30,JRS-3)	MACOUPIN	45	10
CONTRACT NO. 72C18				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



SEC 31, T7N, R6W, 3rd PM



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS

SCALE: 1"=20' SHEET NO. 3 OF 25 SHEETS STA. 317+00.00 TO STA. 323+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8139	(30,JRS-3)	MACOUPIN	45	12
CONTRACT NO. 72C18				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

MATCH LINE 323+00.00

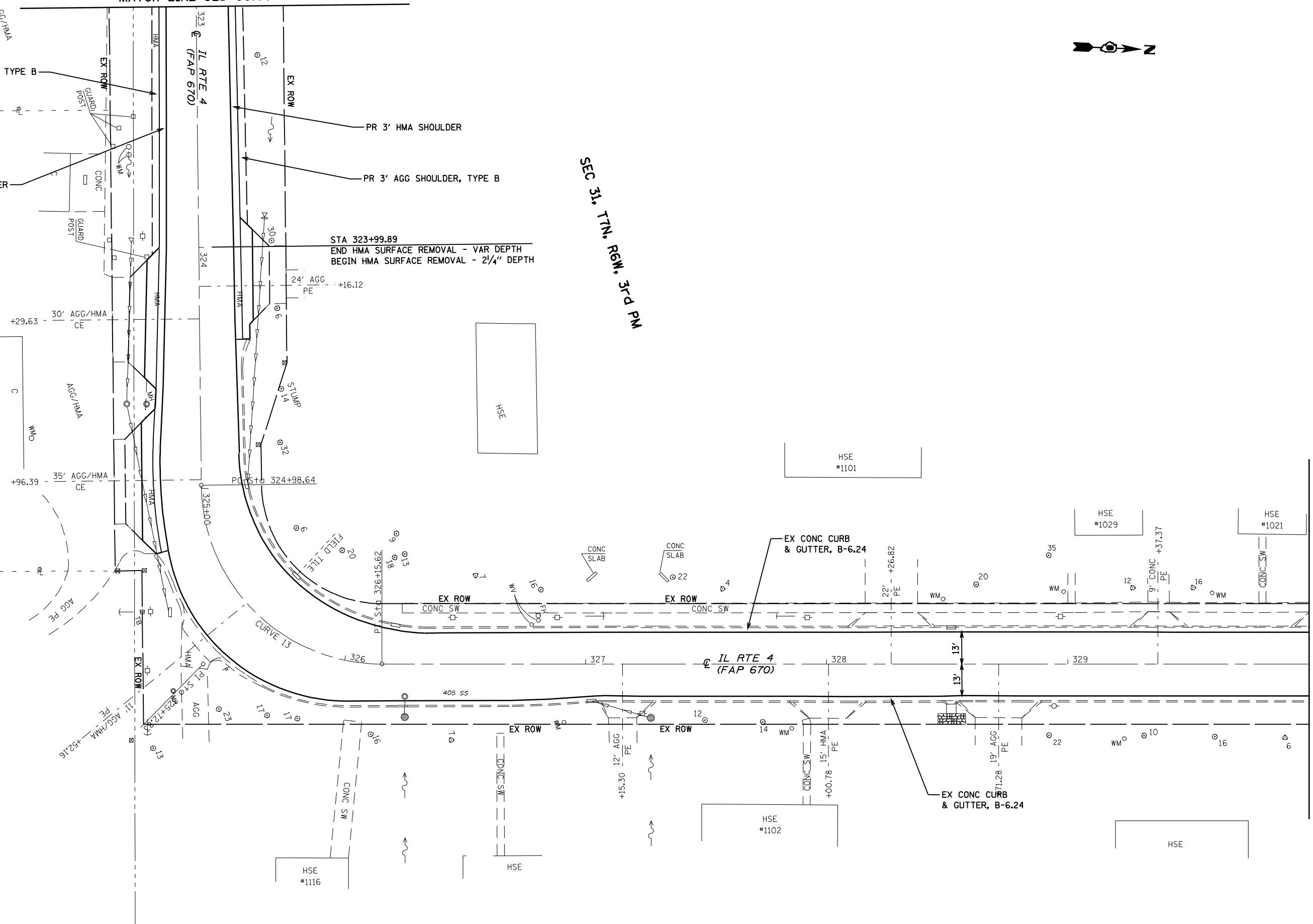


SEC 31, 17N, R6W, 31-D PM

PR 3' AGG SHOULDER, TYPE B
 PR 3' HMA SHOULDER
 PR 3' AGG SHOULDER, TYPE B

STA 323+99.89
 END HMA SURFACE REMOVAL - VAR DEPTH
 BEGIN HMA SURFACE REMOVAL - 2 1/4" DEPTH

EXIST. CURVE 13
 PI STA. = 325+72.83
 $\Delta = 89^\circ 23' 16''$ (LT)
 $D = 76^\circ 24' 46''$
 $R = 74.98'$
 $T = 74.19'$
 $L = 116.98'$
 $E = 30.50'$
 $\theta =$ MATCH EXISTING
 T.R. = N.A.
 S.E. RUN = N.A.
 P.C. STA. = 324+98.64
 P.T. STA. = 326+15.62



MATCH LINE 330+00.00

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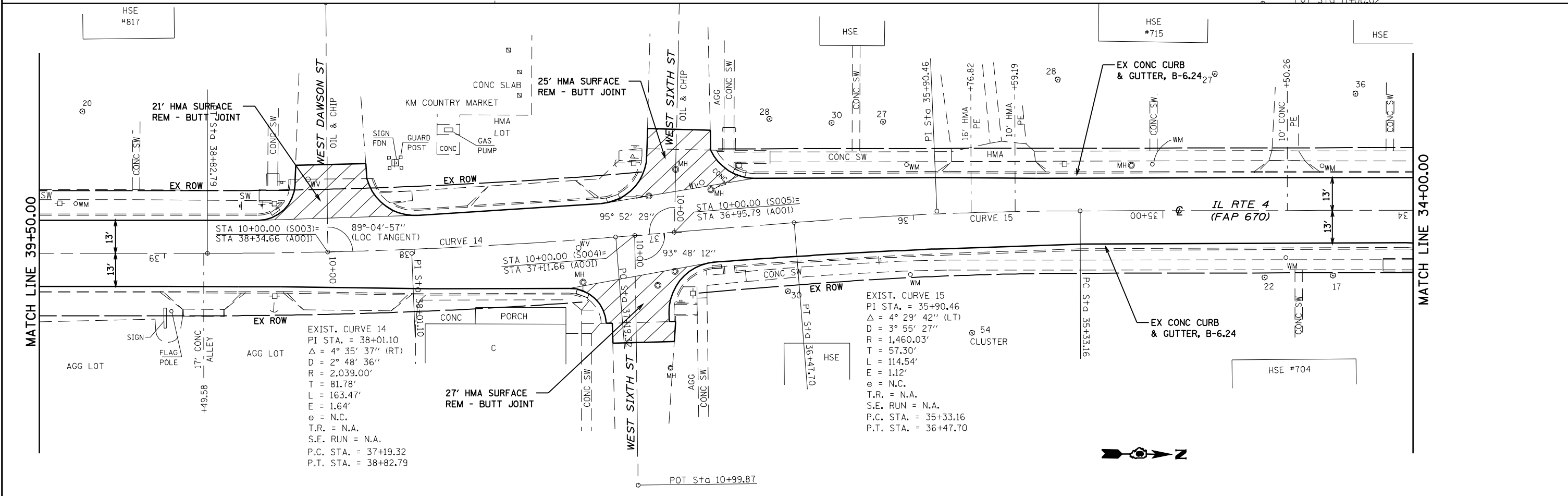
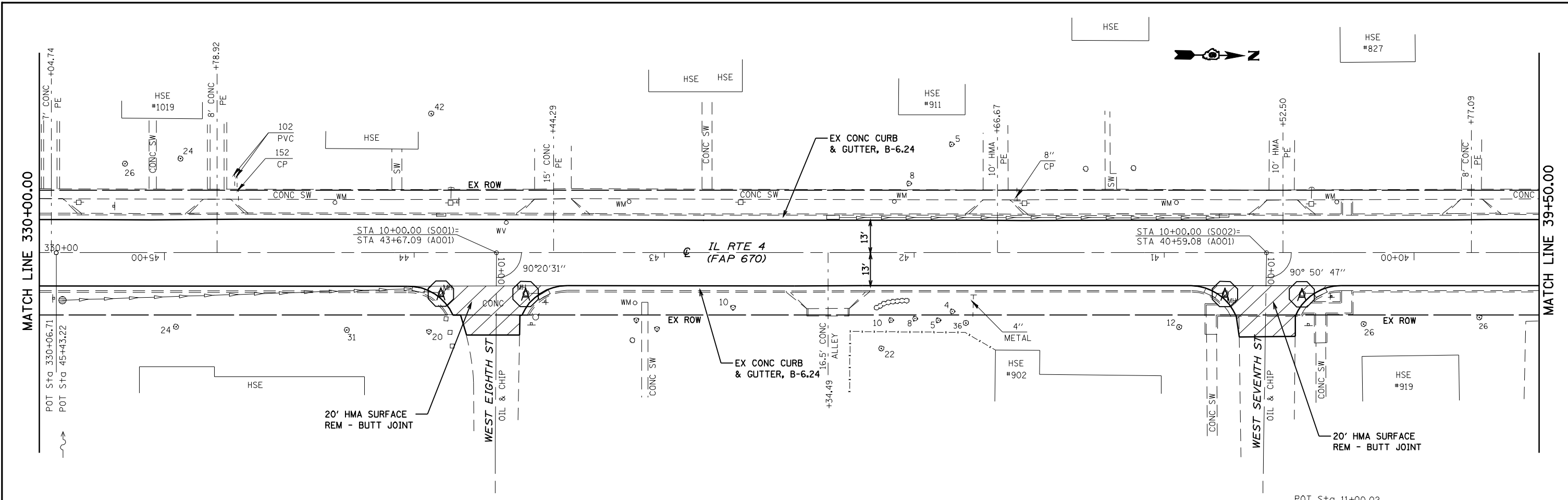
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PLAN SHEETS

SCALE: 1"=20' SHEET NO. 4 OF 25 SHEETS STA. 323+00.00 TO STA. 330+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8139	(30,JRS-3	MACOUPIN	45	13
CONTRACT NO. 72C18				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



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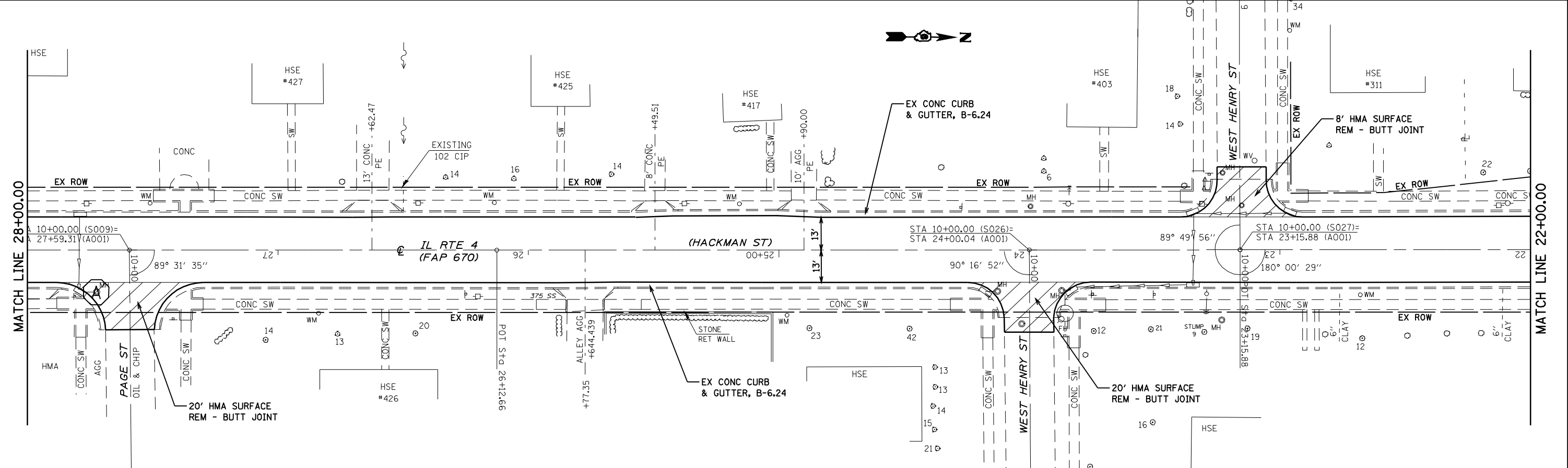
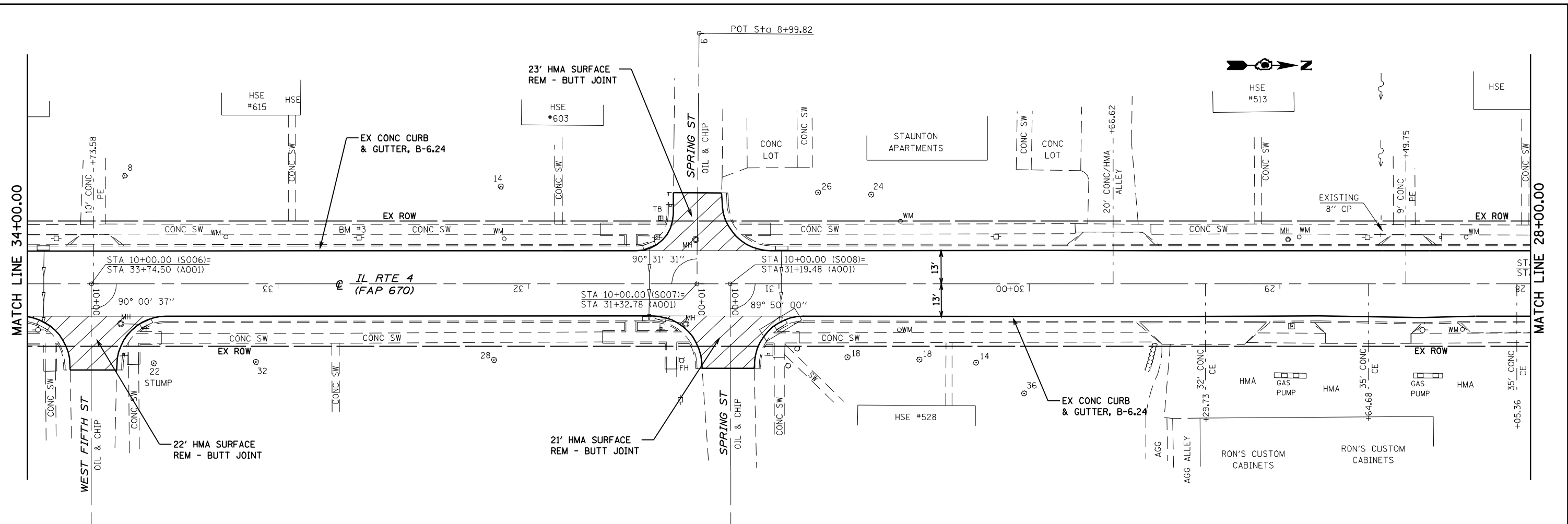
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEETS		
SCALE: 1"=20'	SHEET NO. 5 OF 25 SHEETS	STA. 330+00.00 TO STA. 34+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8139	(30,JRS-3)	MACOUPIN	45	14
CONTRACT NO. 72C18				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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DATE -	REVISED -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS		
SCALE: 1"=20'	SHEET NO. 6 OF 25 SHEETS	STA. 34+00.00 TO STA. 22+00.00

F.A. RTE. 8139	SECTION (30,JRS-3)	COUNTY MACOUPIN	TOTAL SHEETS 45	SHEET NO. 15
CONTRACT NO. 72C18				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

EXIST. CURVE 3
 PI STA. = 21+22.97
 $\Delta = 42^\circ 32' 32''$ (LT)
 $D = 57^\circ 20' 52''$
 $R = 99.91'$
 $T = 38.89'$
 $L = 74.18'$
 $E = 7.30'$
 $e =$ MATCH EXISTING
 T.R. = N.A.
 S.E. RUN = N.A.
 P.C. STA. = 20+84.08
 P.T. STA. = 21+58.26



SEC 31, T7N, R6W, 3rd PM

MATCH LINE 22+00.00

MATCH LINE 16+00.00

STA 10+00.00 (S028)=
 STA 21+22.41 (A001)

34' HMA SURFACE
 REM - BUTT JOINT

REMOVE & REPLACE
 20 LF OF BROKEN
 CURB & GUTTER,
 B-6.24

20' HMA SURFACE
 REM - BUTT JOINT

EXIST. CURVE 2
 PI STA. = 20+01.64
 $\Delta = 43^\circ 23' 16''$ (RT)
 $D = 57^\circ 20' 13''$
 $R = 99.93'$
 $T = 39.75'$
 $L = 75.67'$
 $E = 7.62'$
 $e =$ MATCH EXISTING
 T.R. = N.A.
 S.E. RUN = N.A.
 P.C. STA. = 19+61.89
 P.T. STA. = 20+37.56

EXIST. CURVE 1
 PI STA. = 17+17.94
 $\Delta = 91^\circ 26' 10''$ (LT)
 $D = 76^\circ 23' 57''$
 $R = 75.00'$
 $T = 76.90'$
 $L = 119.68'$
 $E = 32.42'$
 $e =$ MATCXH EXISTING
 T.R. = N.A.
 S.E. RUN = N.A.
 P.C. STA. = 16+41.04
 P.T. STA. = 17+60.72

PIPE CULVERT REMOVAL, 23 LF
 STORM SEWERS, CLASS A, TY 1 -12", 23 LF
 TRENCH BACKFILL, 10 C.Y.
 PAVEMENT PATCHING, TY II, 12", 8 SQ YD
 INLET TYPE A, TY 3 FRAME AND GRATE, 1 EACH
 GRADES AND PLACEMENT OF THESE DRAINAGE
 ITEMS SHALL BE DETERMINED BY THE ENGINEER.

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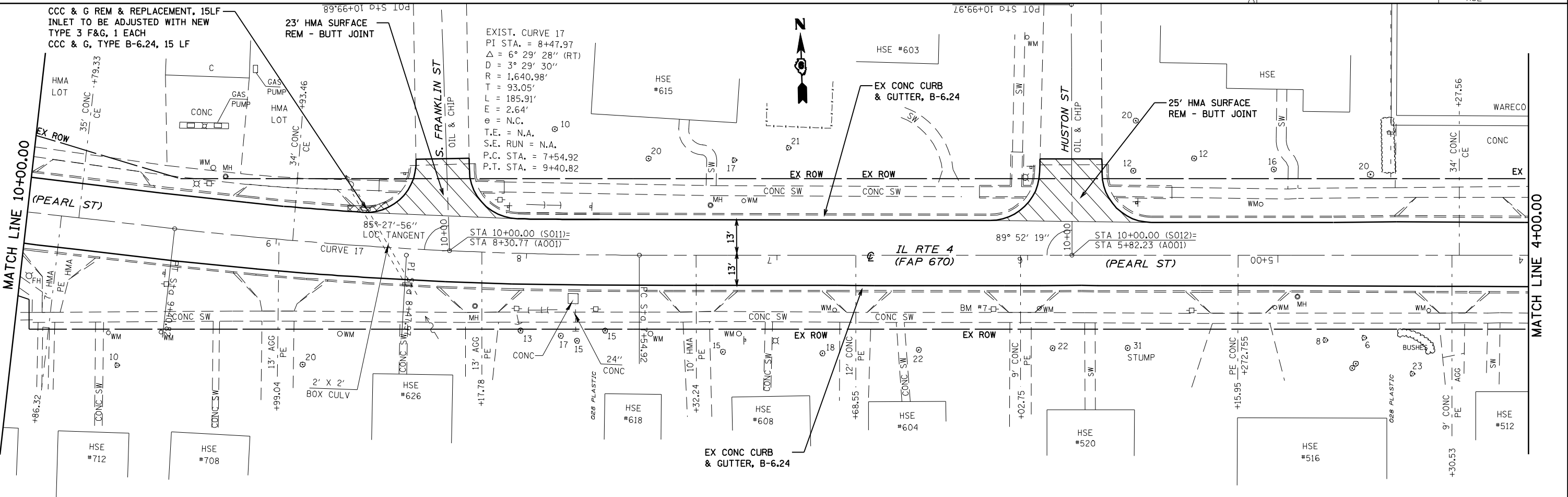
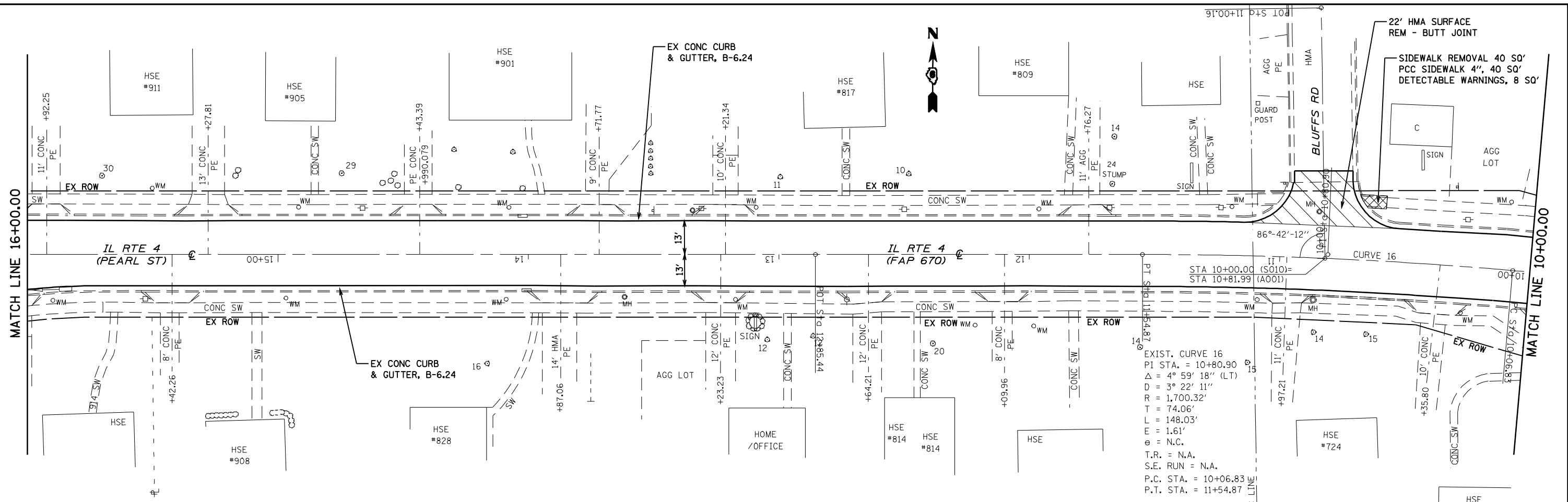
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PLAN SHEETS

SCALE: 1"=20' SHEET NO. 7 OF 25 SHEETS STA. 22+00.00 TO STA. 16+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8139	(30,JRS-3)	MACOUPIN	45	16
CONTRACT NO. 72C18				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



EXIST. CURVE 16
 PI STA. = 10+80.90
 $\Delta = 4^\circ 59' 18''$ (LT)
 $D = 3^\circ 22' 11''$
 $R = 1,700.32'$
 $T = 74.06'$
 $L = 148.03'$
 $E = 1.61'$
 $\phi =$ N.C.
 T.R. = N.A.
 S.E. RUN = N.A.
 P.C. STA. = 10+06.83
 P.T. STA. = 11+54.87

EXIST. CURVE 17
 PI STA. = 8+47.97
 $\Delta = 6^\circ 29' 28''$ (RT)
 $D = 3^\circ 29' 30''$
 $R = 1,640.98'$
 $T = 93.05'$
 $L = 185.91'$
 $E = 2.64'$
 $\phi =$ N.C.
 T.E. = N.A.
 S.E. RUN = N.A.
 P.C. STA. = 7+54.92
 P.T. STA. = 9+40.82

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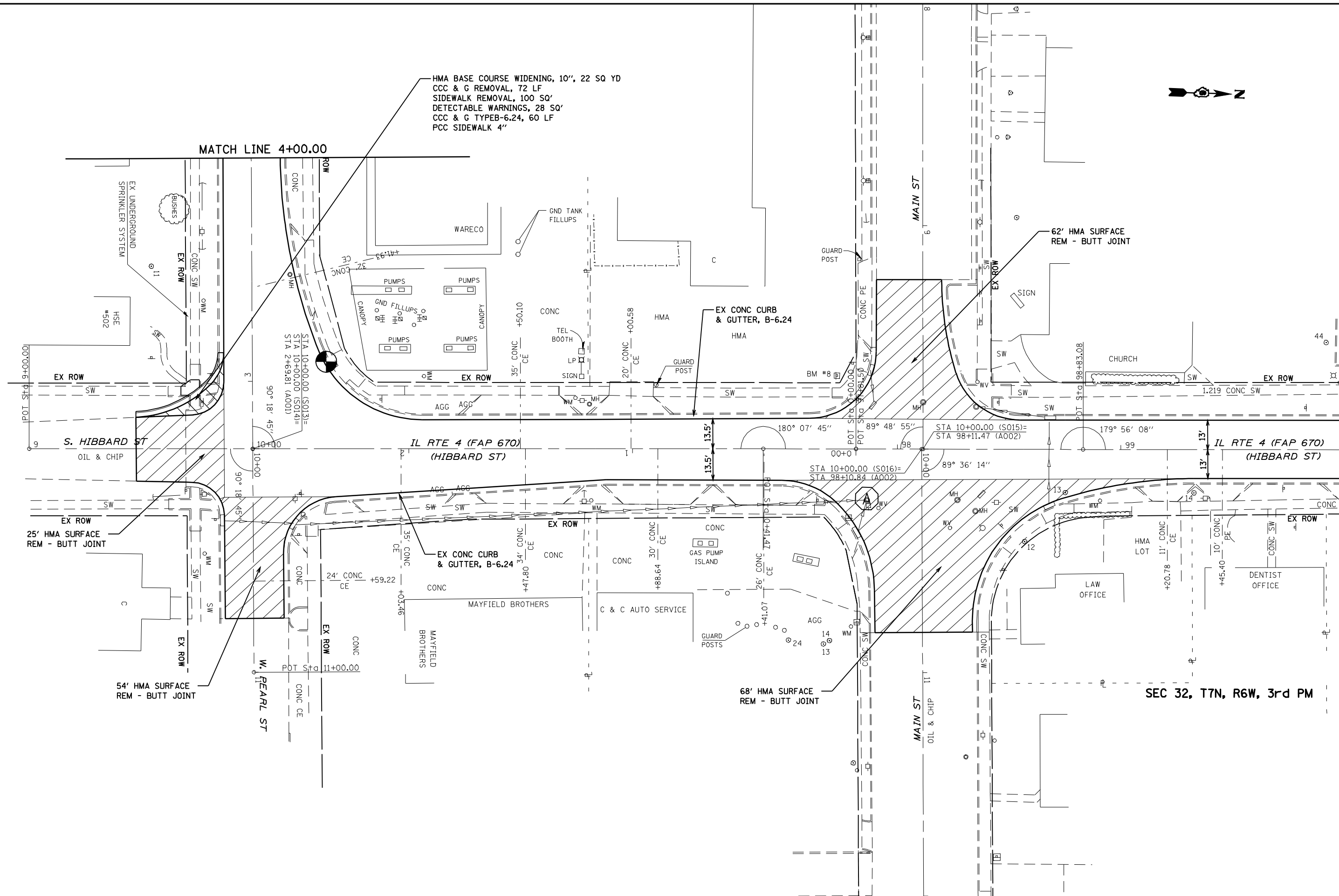
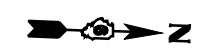
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS

SCALE: 1"=20' SHEET NO. 8 OF 25 SHEETS STA. 16+00.00 TO STA. 4+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8139	(30,JRS-3)	MACOUPIN	45	17
CONTRACT NO. 72C18				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



HMA BASE COURSE WIDENING, 10', 22 SQ YD
 CCC & G REMOVAL, 72 LF
 SIDEWALK REMOVAL, 100 SQ'
 DETECTABLE WARNINGS, 28 SQ'
 CCC & G TYPEB-6.24, 60 LF
 PCC SIDEWALK 4"

MATCH LINE 4+00.00

MATCH LINE 100+00.00

S. HIBBARD ST
 OIL & CHIP

IL RTE 4 (FAP 670)
 (HIBBARD ST)

IL RTE 4 (FAP 670)
 (HIBBARD ST)

54' HMA SURFACE
 REM - BUTT JOINT

25' HMA SURFACE
 REM - BUTT JOINT

68' HMA SURFACE
 REM - BUTT JOINT

62' HMA SURFACE
 REM - BUTT JOINT

EX CONC CURB
 & GUTTER, B-6.24

EX CONC CURB
 & GUTTER, B-6.24

SEC 32, T7N, R6W, 3rd PM

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS		
SCALE: 1"=20'	SHEET NO. 9 OF 25 SHEETS	STA. 4+00.00 TO STA. 100+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8139	(30,JRS-3)	MACOUPIN	45	18
CONTRACT NO. 72C18				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



MATCH LINE 100+00.00

MATCH LINE 107+00.00

EXIST. CURVE 18
 PI STA. = 101+82.90
 $\Delta = 91^\circ 03' 28''$ (RT)
 $D = 61^\circ 00' 27''$
 $R = 93.92'$
 $T = 95.67'$
 $L = 149.26'$
 $E = 40.14'$
 $e =$ MATCH EXISTING
 T.R. = N.A.
 S.E. RUN = N.A.
 P.C. STA. = 100+87.23
 P.T. STA. = 102+36.49

EXIST. CURVE 20
 PI STA. = 105+06.95
 $\Delta = 7^\circ 18' 24''$ (RT)
 $D = 4^\circ 36' 55''$
 $R = 12451.41'$
 $T = 79.26'$
 $L = 158.31'$
 $E = 2.53'$
 $e =$ N.C.
 T.R. = N.A.
 S.E. RUN = N.A.
 P.C. STA. = 104+27.69
 P.T. STA. = 105+86.00

EXIST. CURVE 19
 $\Delta = 90^\circ 40' 18''$ (LT)
 $D = 59^\circ 34' 31''$
 $R = 96.17'$
 $T = 97.31'$
 $L = 152.20'$
 $E = 40.64'$
 $e =$ MAYTCH EXISTING
 T.R. = N.A.
 S.E. RUN = N.A.
 P.C. STA. = 102+43.70
 P.T. STA. = 103+95.90

SEC 32. T1N, R6W, 3rd PM

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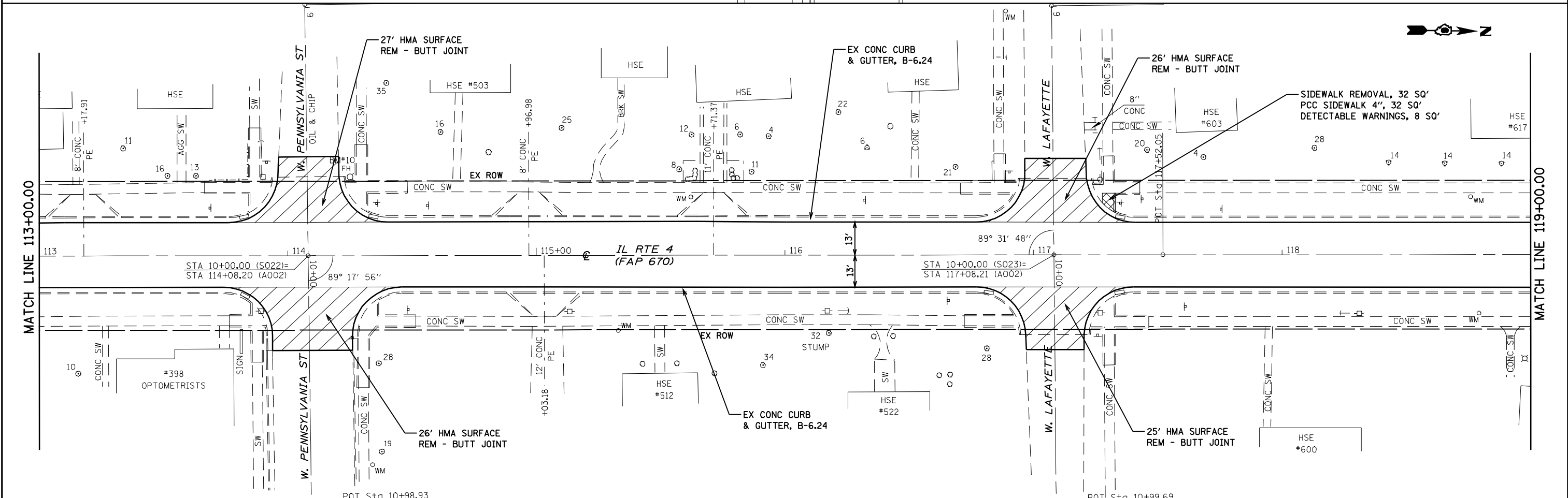
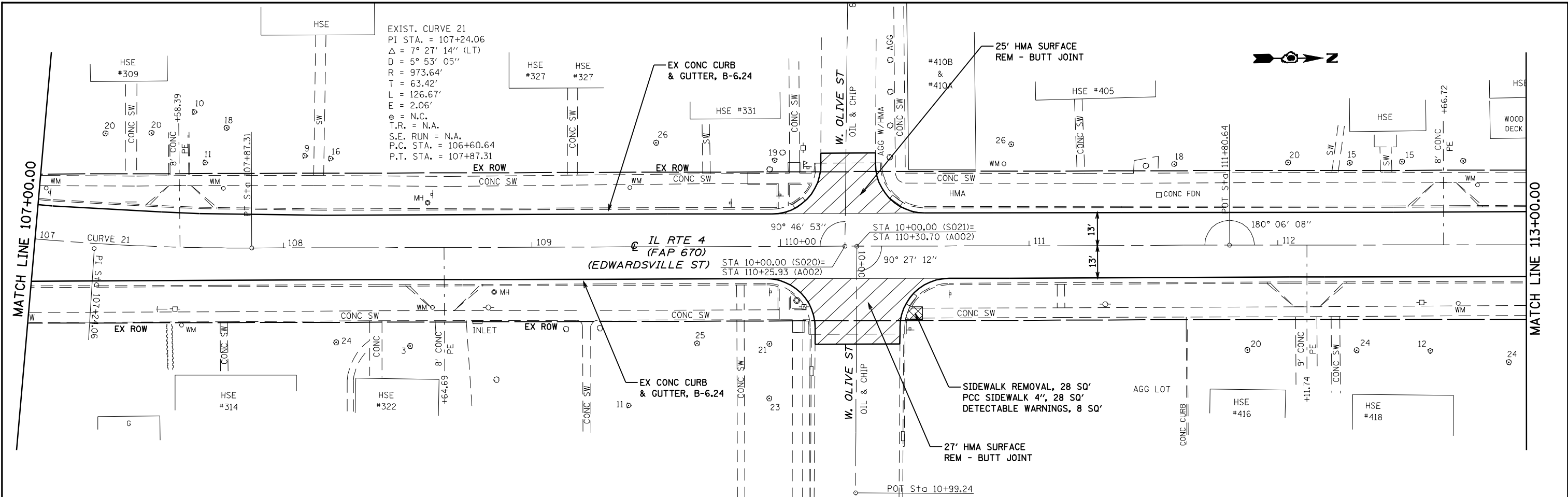
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS

SCALE: 1"=20' SHEET NO. 10 OF 25 SHEETS STA. 100+00.00 TO STA. 107+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8139	(30,JRS-3)	MACOUPIN	45	19
CONTRACT NO. 72C18				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



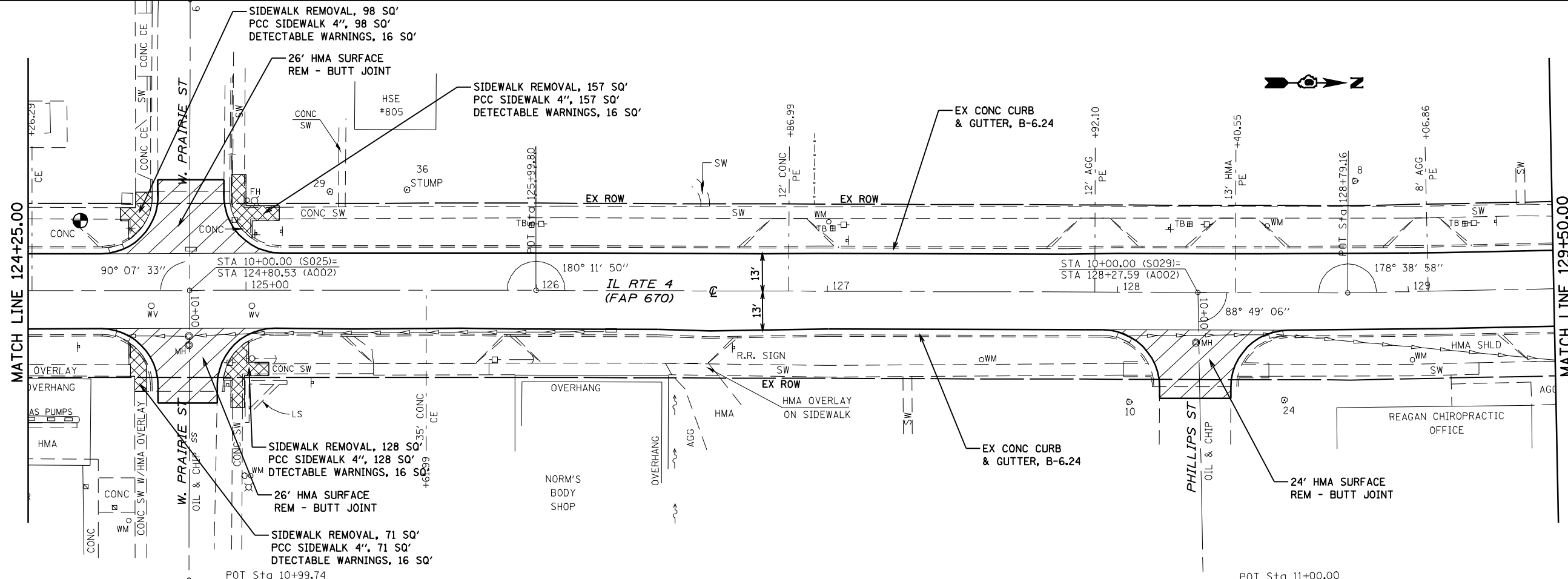
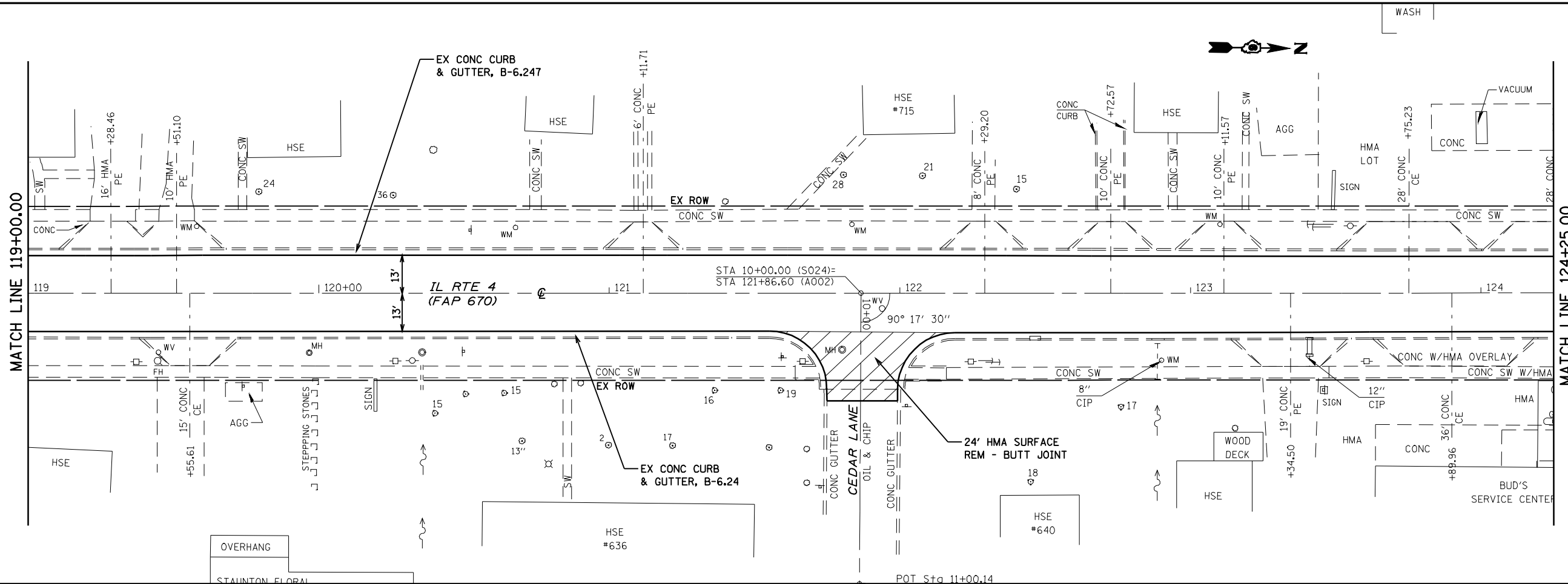
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS		
SCALE: 1"=20'	SHEET NO. 11 OF 25 SHEETS	STA. 107+00.00 TO STA. 119+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8139	(30,JRS-3)	MACOUPIN	45	20
CONTRACT NO. 72C18				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



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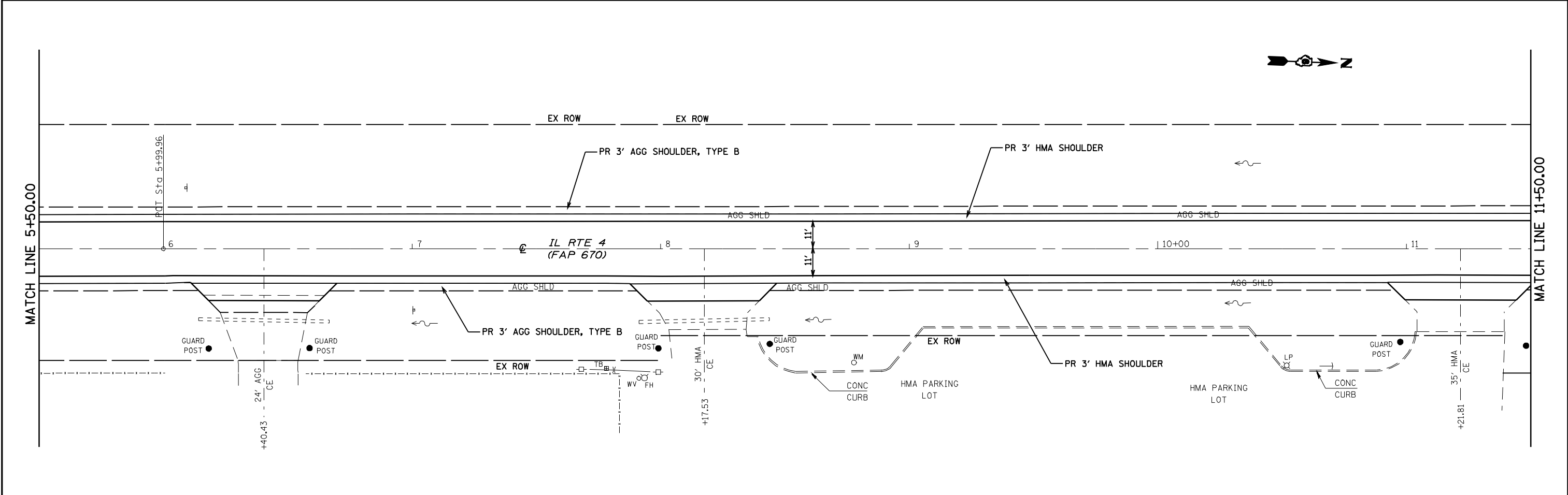
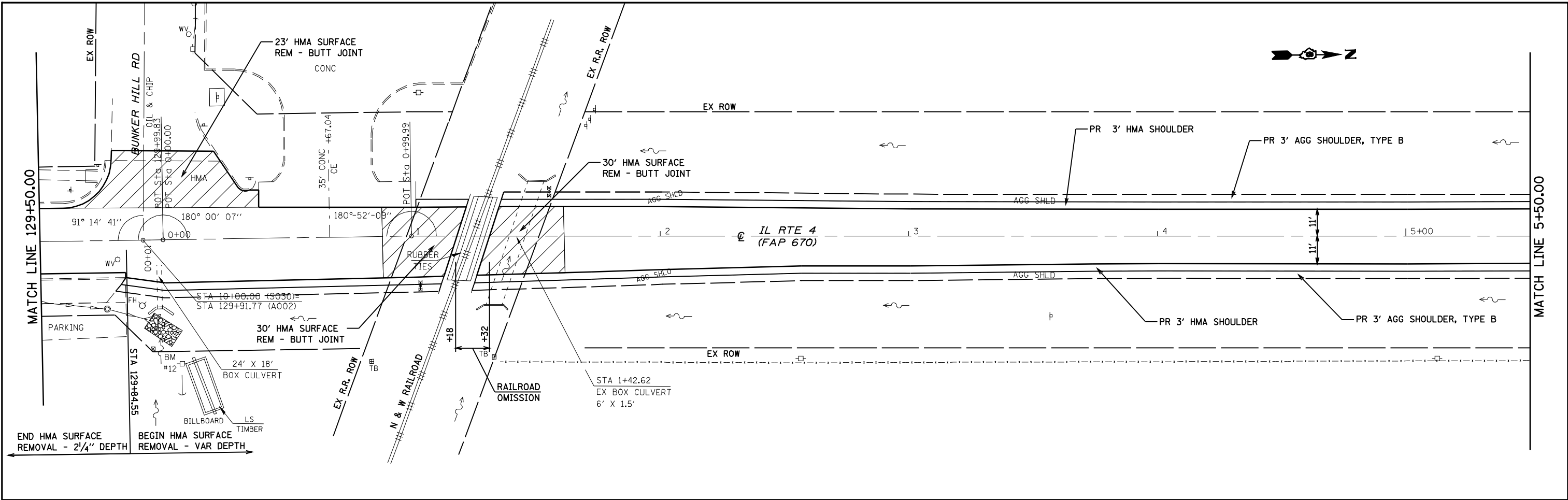
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PLOT DATE = Apr-14-2010 07:57:28AM	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS

SCALE: 1"=20' SHEET NO. 12 OF 25 SHEETS STA. 119+00.00 TO STA. 129+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8139	(30,JRS-3)	MACOUPIN	45	21
CONTRACT NO. 72C18				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



FILE NAME = c:\paw\work\p1\DOT\LAUGH\INR\0817189\0672018-ht-PLAN.dgn

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DRAWN -	REVISED -	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

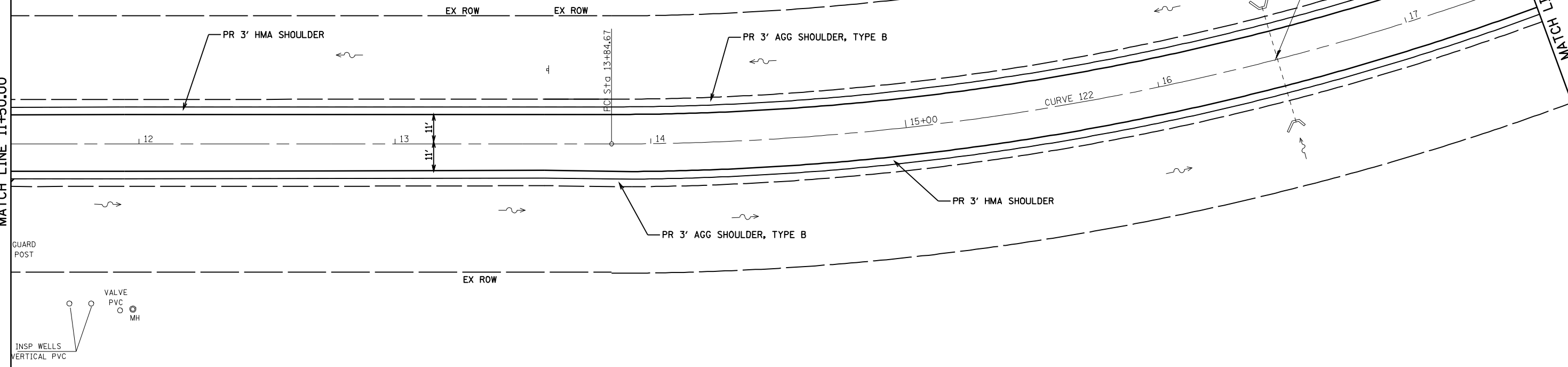
PLAN SHEETS		
SCALE: 1"=20'	SHEET NO. 13 OF 25 SHEETS	STA. 129+50.00 TO STA. 11+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8139	(30,JRS-3)	MACOUPIN	45	22
CONTRACT NO. 72C18				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



MATCH LINE 11+50.00

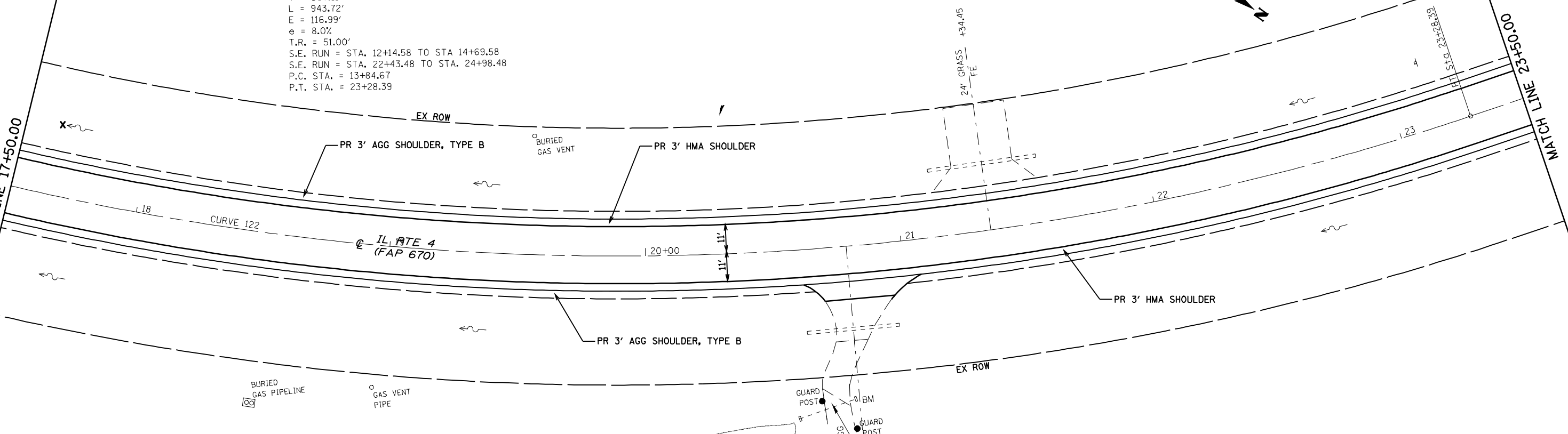
MATCH LINE 17+50.00



EXIST. CURVE 122
 PI STA. = 18+91.78
 $\Delta = 51^\circ 57' 50''$ (LT)
 $D = 5^\circ 30' 23''$
 $R = 1,040.56'$
 $T = 507.11'$
 $L = 943.72'$
 $E = 116.99'$
 $e = 8.0\%$
 $T.R. = 51.00'$
 S.E. RUN = STA. 12+14.58 TO STA 14+69.58
 S.E. RUN = STA. 22+43.48 TO STA. 24+98.48
 P.C. STA. = 13+84.67
 P.T. STA. = 23+28.39

MATCH LINE 17+50.00

MATCH LINE 23+50.00



FILE NAME = c:\pwworkspace\p1\DOT\LAUGHLIN\171789\0672018-rtt-plan.dgn

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	DATE -	REVISED -

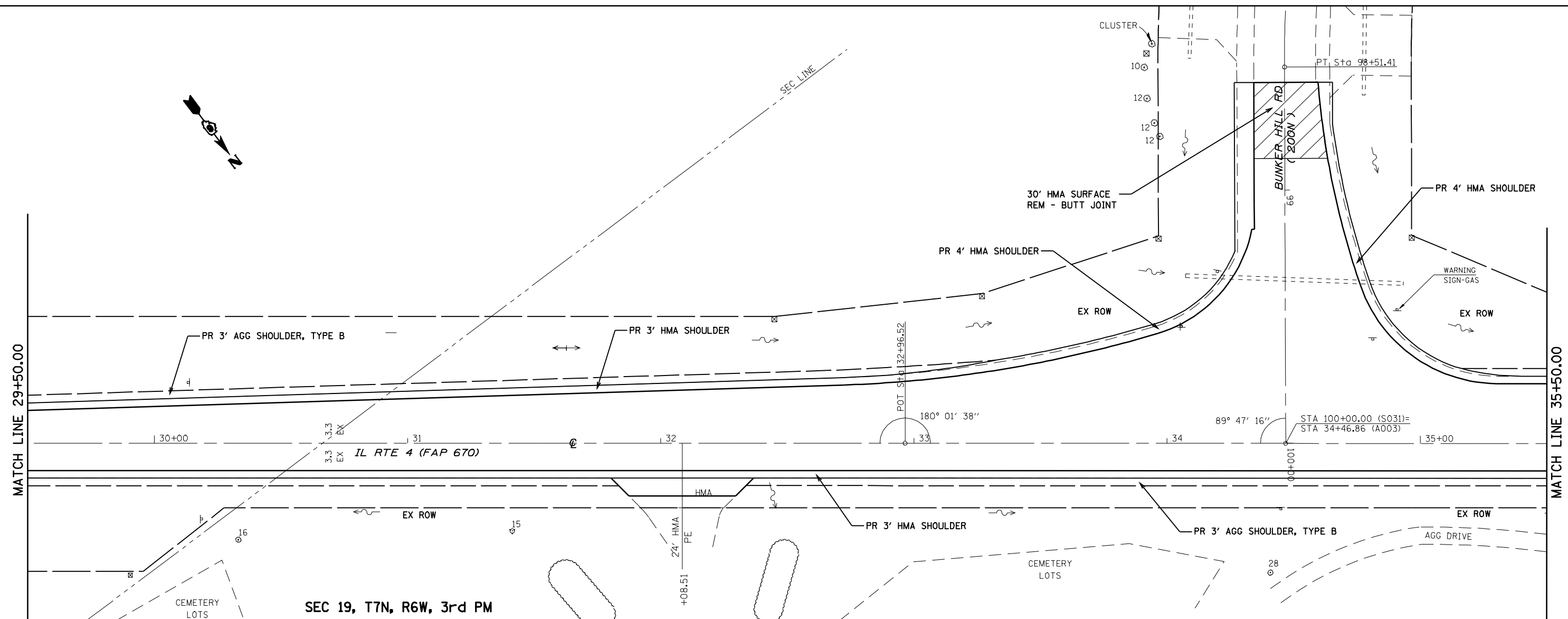
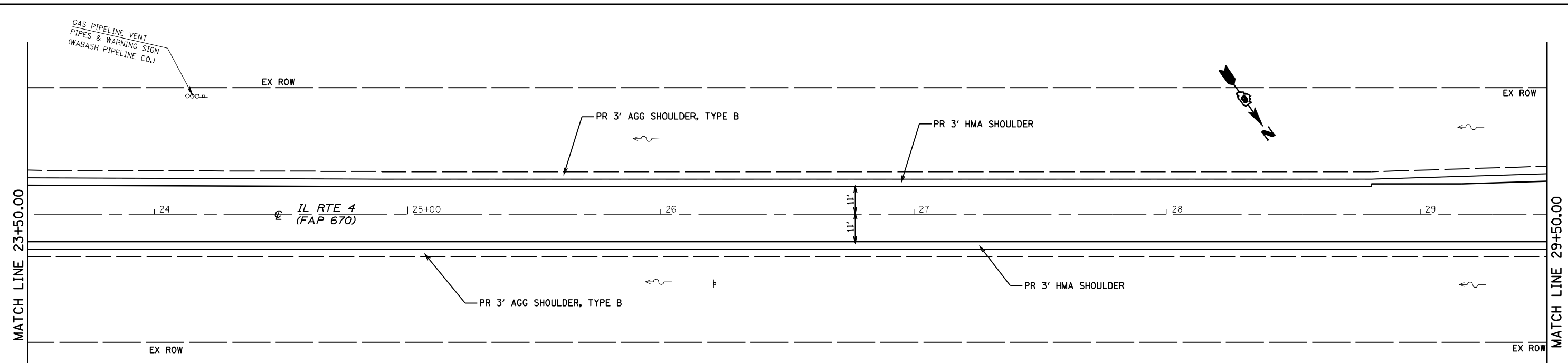
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS

SCALE: 1"=20' SHEET NO. 14 OF 25 SHEETS STA. 11+50+00.00 TO STA. 23+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8139	(30,JRS-3)	MACOUPIN	45	23
CONTRACT NO. 72C18				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

GAS PIPELINE VENT
PIPES & WARNING SIGN
(WABASH PIPELINE CO.)



SEC 19, T7N, R6W, 3rd PM

FILE NAME = c:\pwwork\p1\DOT\LAUGH\INR\A071789\0672018-ht-PLAN.dgn

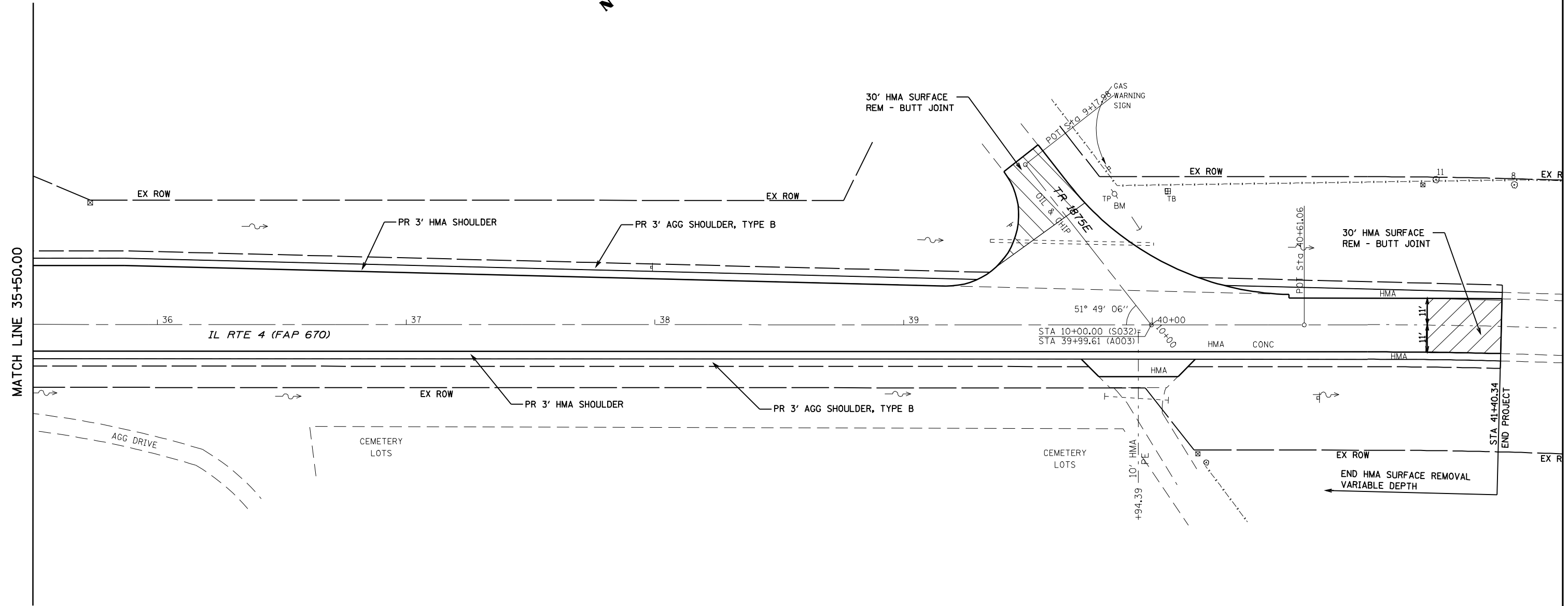
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS

SCALE: 1"=20' SHEET NO. 15 OF 25 SHEETS STA. 23+50.00 TO STA. 35+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8139	(30,JRS-3)	MACOUPIN	45	24
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 72C18	



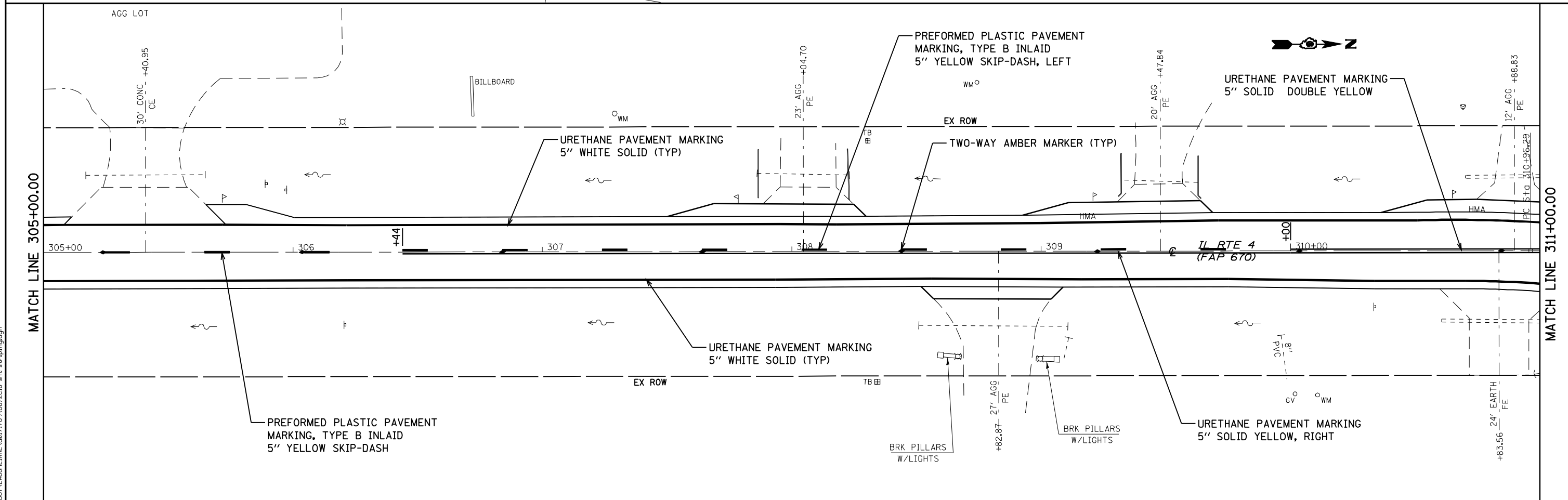
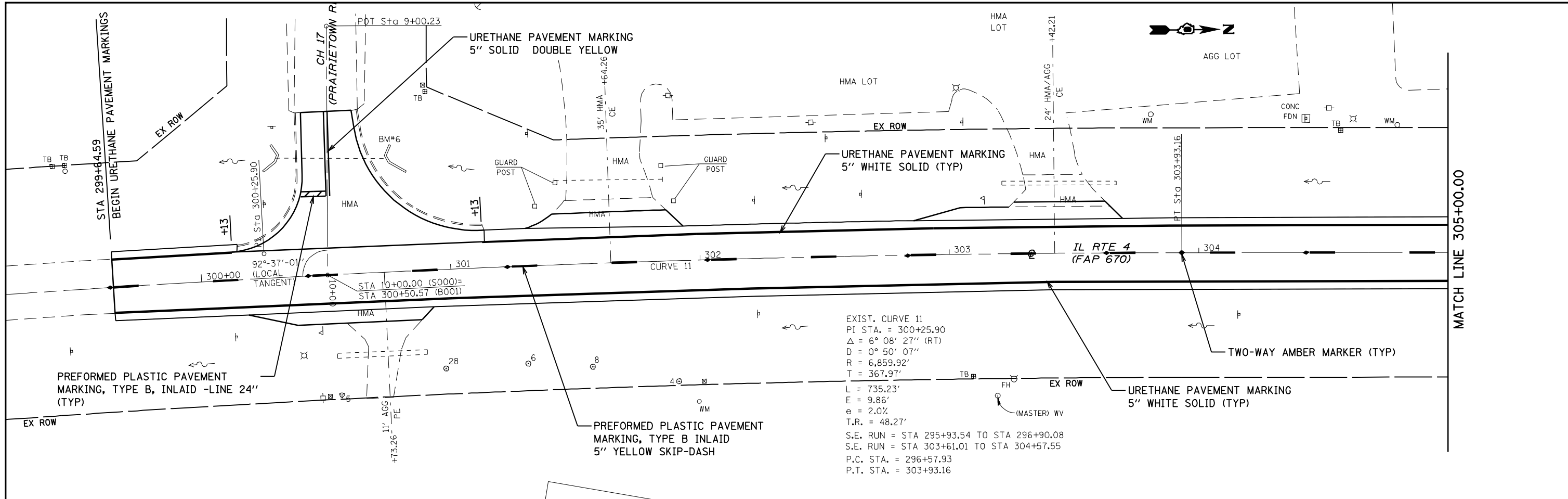
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS		
SCALE: 1"=20'	SHEET NO. 16 OF 25 SHEETS	STA. 35+50.00 TO STA. 41+40.34

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8139	(30,JRS-3)	MACOUPIN	45	25
CONTRACT NO. 72C18				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



FILE NAME = c:\paw\work\p1\DOT\LAUGH\INR\071789\0672018-ht-tr-ping.dgn

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DRAWN -	REVISED -	REVISED -
CHECKED -	REVISED -	REVISED -
DATE -	REVISED -	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

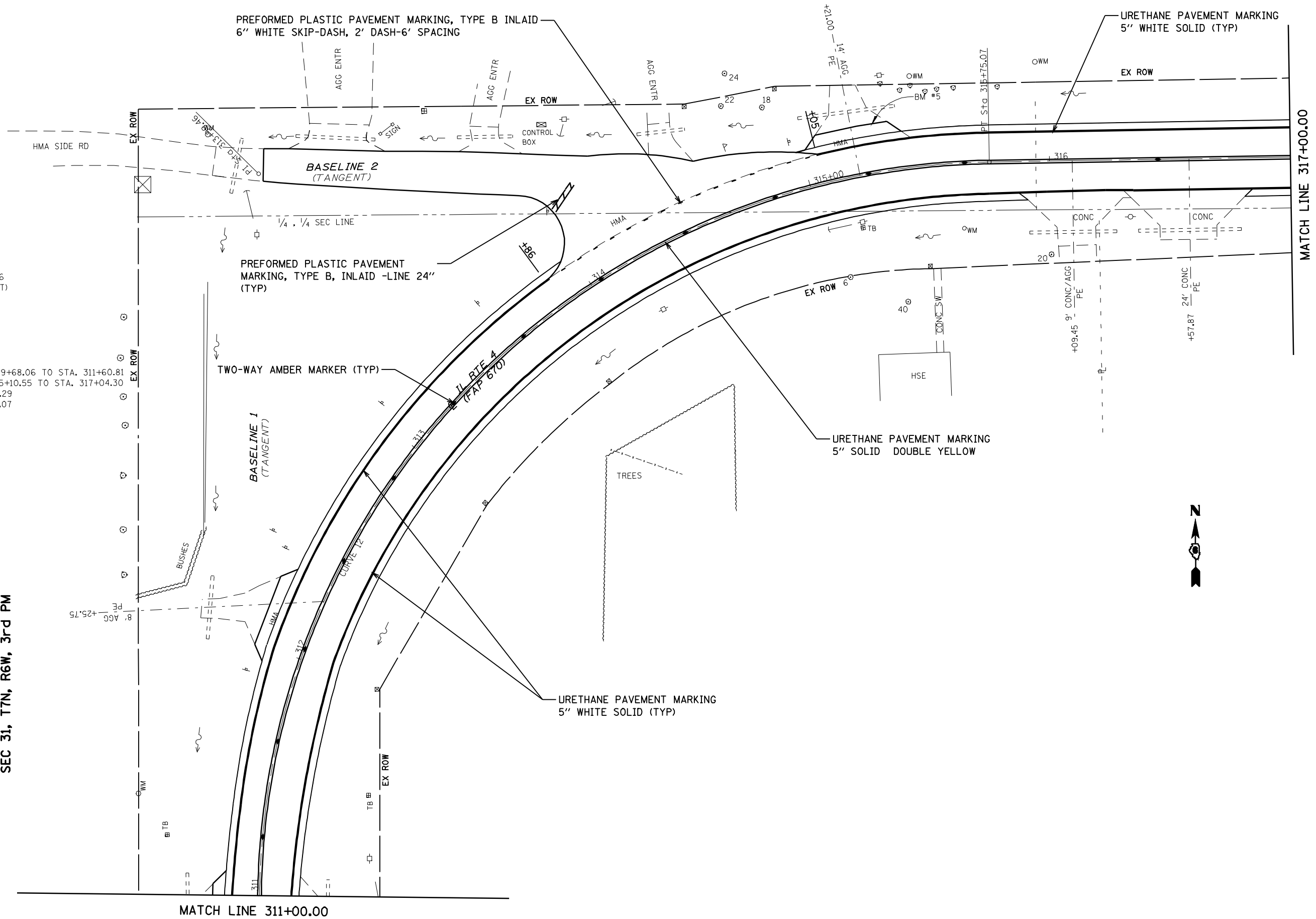
PAVEMENT MARKING PLAN

SCALE: 1"=20' SHEET NO. 1 OF 25 SHEETS STA. 299+64.59 TO STA. 311+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8139	(30,JRS-3)	MACOUPIN	45	26
CONTRACT NO. 72C18				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

SEC 31, T7N, R6W, 3rd PM

EXIST. CURVE 12
 PI STA. = 313+99.46
 $\Delta = 89^\circ 08' 49''$ (RT)
 $D = 18^\circ 37' 11''$
 $R = 307.72'$
 $T = 303.17'$
 $L = 478.78'$
 $E = 124.26'$
 $e = 8.0\%$
 $T.R. = 38.75'$
 S.E. RUN = STA. 309+68.06 TO STA. 311+60.81
 S.E. RUN = STA. 315+10.55 TO STA. 317+04.30
 P.C. STA. = 310+96.29
 P.T. STA. = 315+75.07



FILE NAME = C:\pwork\pwork\pwork\DOT\LAUGH\INR\071789\0672018-hrt-stp-pmg.dgn

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	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN
 SCALE: 1"=20'
 SHEET NO. 2 OF 25 SHEETS
 STA. 311+00.00 TO STA. 317+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8139	(30,JRS-3)	MACOUPIN	45	27
CONTRACT NO. 72C18				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



MATCH LINE 323+00.00

URETHANE PAVEMENT MARKING
5" SOLID DOUBLE YELLOW

URETHANE PAVEMENT MARKING
5" WHITE SOLID (TYP)

STA 323+99.89
END URETHANE PAVEMENT MARKINGS
BEGIN THERMOPLASYIC PAVEMENT MARKINGS

SEC 31, 17N, R6W, 31-D PM

PREFORMED PLASTIC PAVEMENT MARKING, TYPE B INLAID
5" YELLOW SKIP-DASH

THERMOPLASTIC PAVEMENT MARKING
5" SOLID DOUBLE YELLOW

THERMOPLASTIC PAVEMENT MARKING
5" SOLID YELLOW - LEFT

EXIST. CURVE 13
PI STA. = 325+72.83
 $\Delta = 89^\circ 23' 16''$ (LT)
D = 76° 24' 46"
R = 74.98'
T = 74.19'
L = 116.98'
E = 30.50'
@ = MATCH EXISTING
T.R. = N.A.
S.E. RUN = N.A.
P.C. STA. = 324+98.64
P.T. STA. = 326+15.62

TWO-WAY AMBER MARKER (TYP)

PREFORMED PLASTIC PAVEMENT MARKING, TYPE B INLAID
5" YELLOW SKIP-DASH, RIGHT

MATCH LINE 330+00.00

FILE NAME = c:\pawork\pawdot\LAUGH\INR\017189\0672018-hrt-stp\paw.dgn

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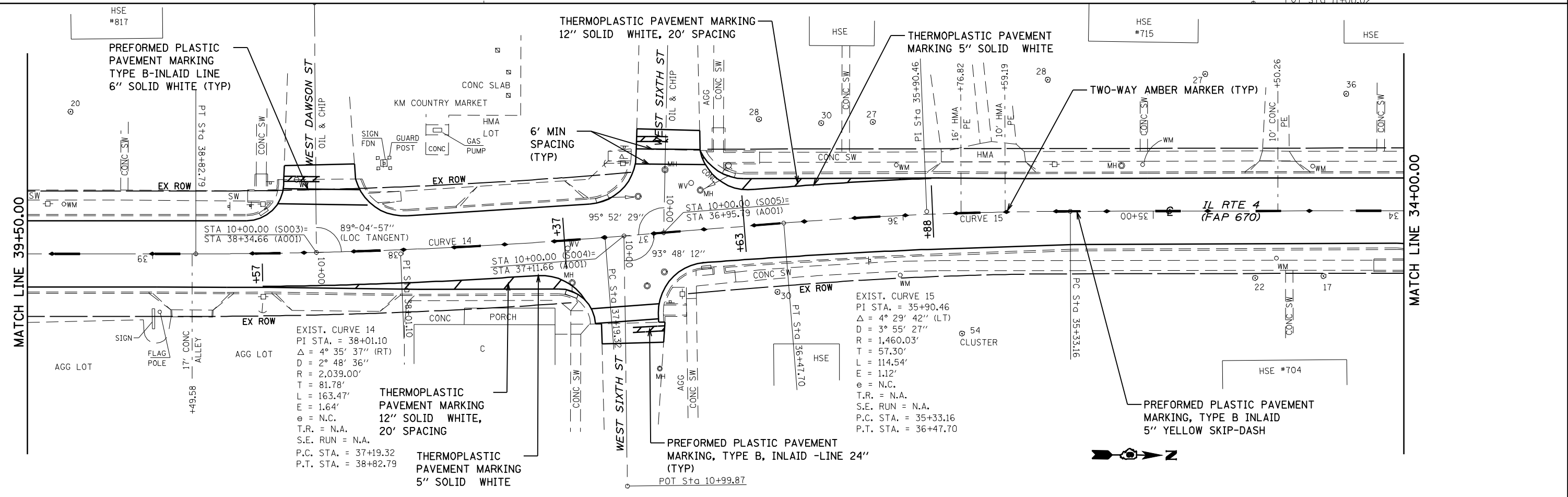
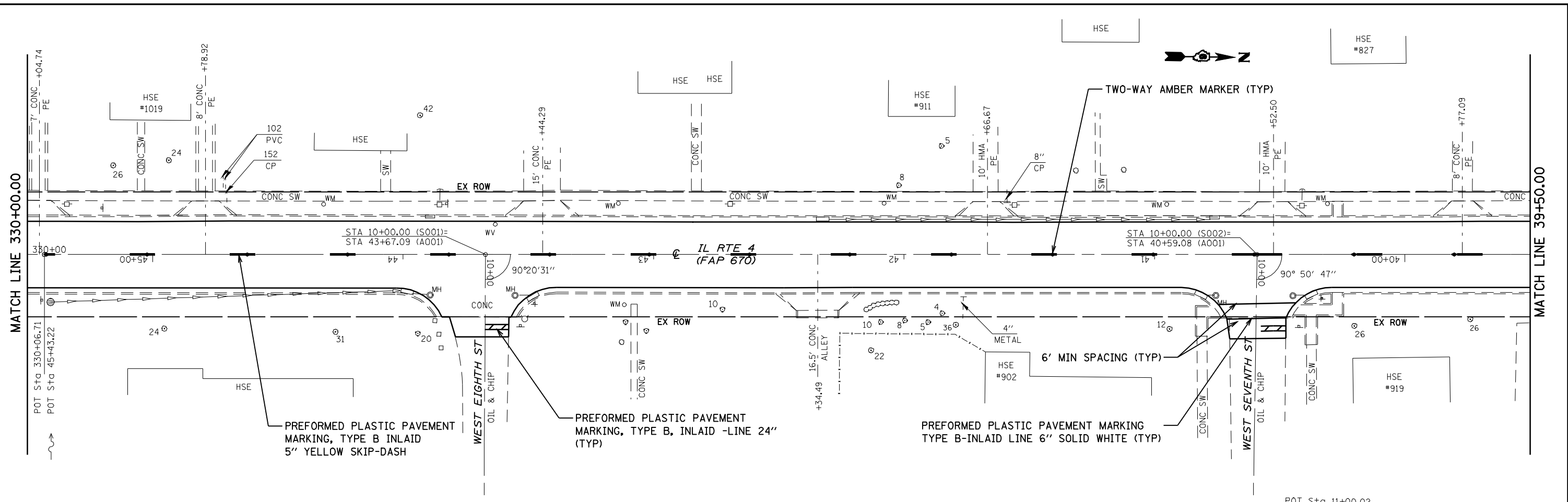
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN

SCALE: 1"=20' SHEET NO. 4 OF 25 SHEETS STA. 323+00.00 TO STA. 330+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8139	(30,JRS-3	MACOUPIN	45	29
CONTRACT NO. 72C18				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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PLOT SCALE = 40.0000' / IN.	DRAWN -	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING PLAN

SCALE: 1"=20' SHEET NO. 5 OF 25 SHEETS STA. 330+00.00 TO STA. 34+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8139	(30,JRS-3)	MACOUPIN	45	30
CONTRACT NO. 72C18				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

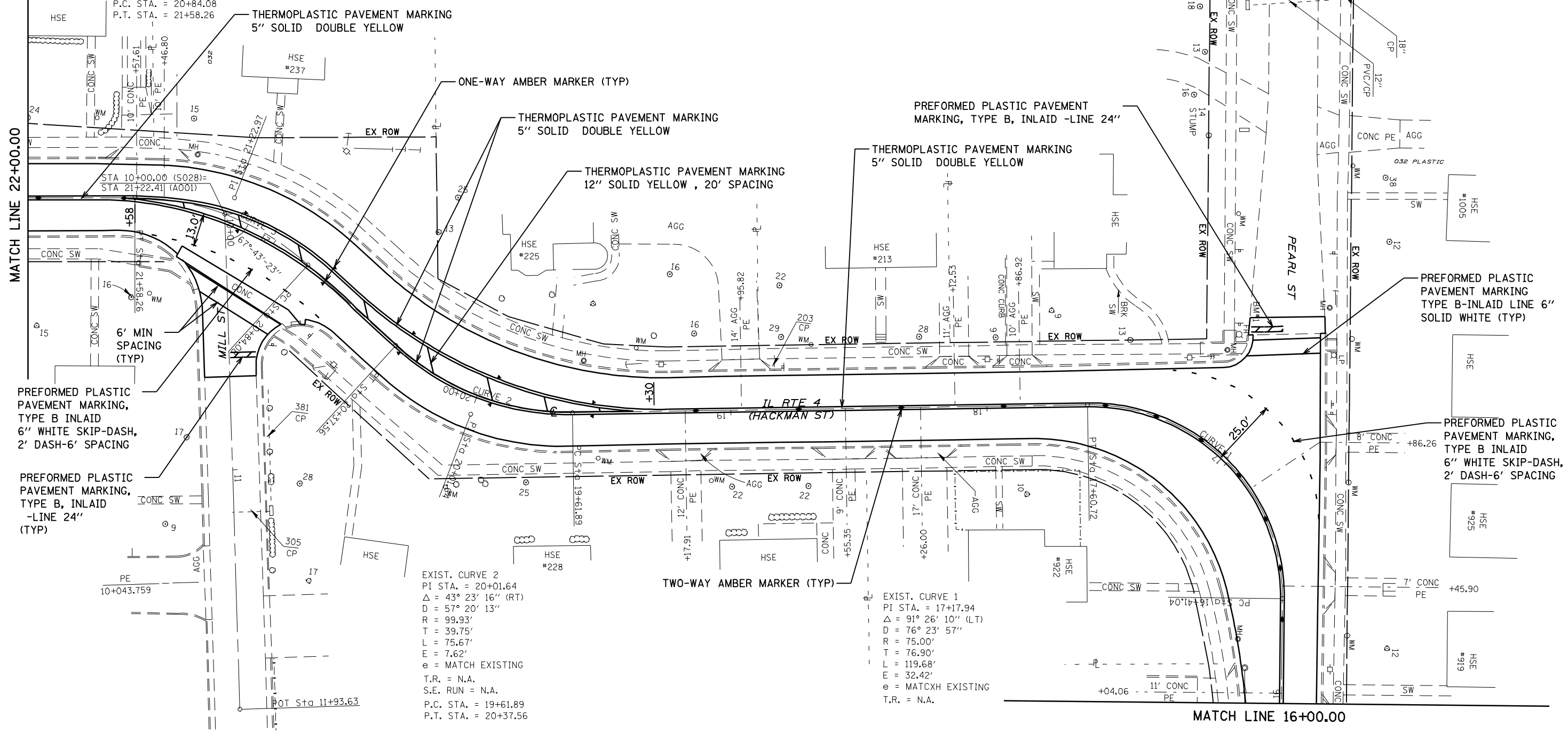
EXIST. CURVE 3
 PI STA. = 21+22.97
 $\Delta = 42^\circ 32' 32''$ (LT)
 $D = 57^\circ 20' 52''$
 $R = 99.91'$
 $T = 38.89'$
 $L = 74.18'$
 $E = 7.30'$
 $e =$ MATCH EXISTING
 T.R. = N.A.
 S.E. RUN = N.A.
 P.C. STA. = 20+84.08
 P.T. STA. = 21+58.26



SEC 31, T7N, R6W, 3rd PM

MATCH LINE 22+00.00

MATCH LINE 16+00.00



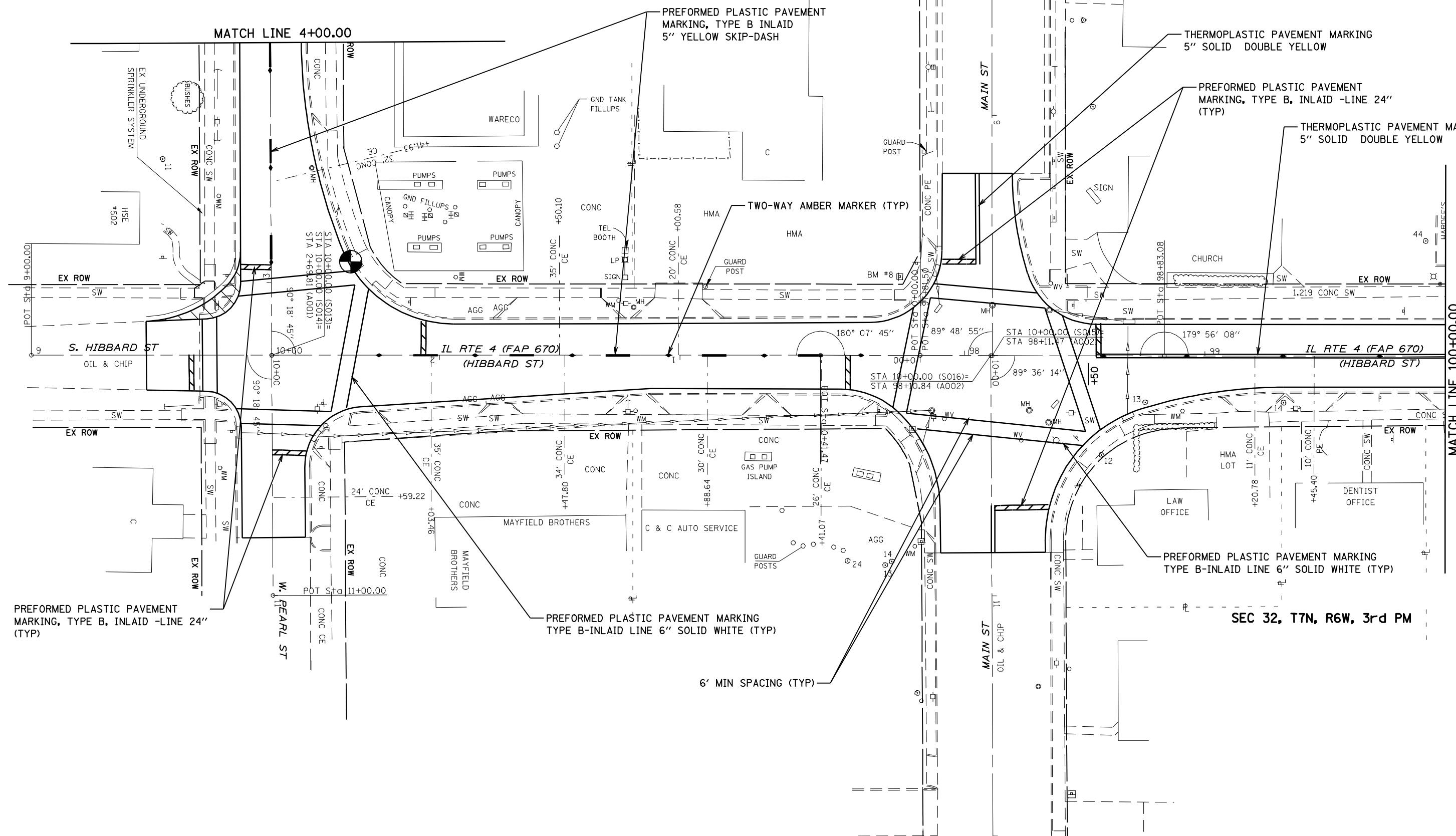
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN		
SCALE: 1"=20'	SHEET NO. 7 OF 25 SHEETS	STA. 22+00.00 TO STA. 16+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8139	(30,JRS-3)	MACOUPIN	45	32
CONTRACT NO. 72C18				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



PREFORMED PLASTIC PAVEMENT MARKING, TYPE B, INLAID -LINE 24" (TYP)

PREFORMED PLASTIC PAVEMENT MARKING TYPE B-INLAID LINE 6" SOLID WHITE (TYP)

6' MIN SPACING (TYP)

PREFORMED PLASTIC PAVEMENT MARKING TYPE B-INLAID LINE 6" SOLID WHITE (TYP)

SEC 32, T7N, R6W, 3rd PM

FILE NAME = c:\paw\work\paw\dtdot\LAUGH\INR\dm171789\0672018-hh-11-tripmg.dgn

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DRAWN -	REVISED -	
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PLOT DATE = Apr-14-2010 09:56:34AM	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING PLAN

SCALE: 1"=20' SHEET NO. 9 OF 25 SHEETS STA. 4+00.00 TO STA. 100+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8139	(30,JRS-3)	MACOUPIN	45	34
CONTRACT NO. 72C18				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



MATCH LINE 100+00.00

MATCH LINE 107+00.00

SEC 32. T1N, R6W, 3rd PM

EXIST. CURVE 18
 PI STA. = 101+82.90
 $\Delta = 91^\circ 03' 28''$ (RT)
 $D = 61^\circ 00' 27''$
 $R = 93.92'$
 $T = 95.67'$
 $L = 149.26'$
 $E = 40.14'$
 $e =$ MATCH EXISTING
 T.R. = N.A.
 S.E. RUN = N.A.
 P.C. STA. = 100+87.23
 P.T. STA. = 102+36.49

EXIST. CURVE 20
 PI STA. = 105+06.95
 $\Delta = 7^\circ 18' 24''$ (RT)
 $D = 4^\circ 36' 55''$
 $R = 12451.41'$
 $T = 79.26'$
 $L = 158.31'$
 $E = 2.53'$
 $e =$ N.C.
 T.R. = N.A.
 S.E. RUN = N.A.
 P.C. STA. = 104+27.69
 P.T. STA. = 105+86.00

EXIST. CURVE 19
 $\Delta = 90^\circ 40' 18''$ (LT)
 $D = 59^\circ 34' 31''$
 $R = 96.17'$
 $T = 97.31'$
 $L = 152.20'$
 $E = 40.64'$
 $e =$ MAYTCH EXISTING
 T.R. = N.A.
 S.E. RUN = N.A.
 P.C. STA. = 102+43.70
 P.T. STA. = 103+95.90

PREFORMED PLASTIC PAVEMENT MARKING, TYPE B INLAID
 6" WHITE SKIP-DASH, 2' DASH-6' SPACING

PREFORMED PLASTIC PAVEMENT MARKING, TYPE B, INLAID -LINE 24" (TYP)

PREFORMED PLASTIC PAVEMENT MARKING, TYPE B INLAID
 5" YELLOW SKIP-DASH
 6' MIN SPACING (TYP)

THERMOPLASTIC PAVEMENT MARKING
 5" SOLID WHITE

THERMOPLASTIC PAVEMENT MARKING
 12" SOLID WHITE, 20' SPACING

PREFORMED PLASTIC PAVEMENT MARKING
 TYPE B-INLAID LINE
 6" SOLID WHITE (TYP)

THERMOPLASTIC PAVEMENT MARKING
 5" SOLID WHITE

THERMOPLASTIC PAVEMENT MARKING
 12" SOLID WHITE,
 20' SPACING

PREFORMED PLASTIC PAVEMENT MARKING, TYPE B INLAID
 6" WHITE SKIP-DASH, 2' DASH-6' SPACING

TWO-WAY AMBER MARKER (TYP)

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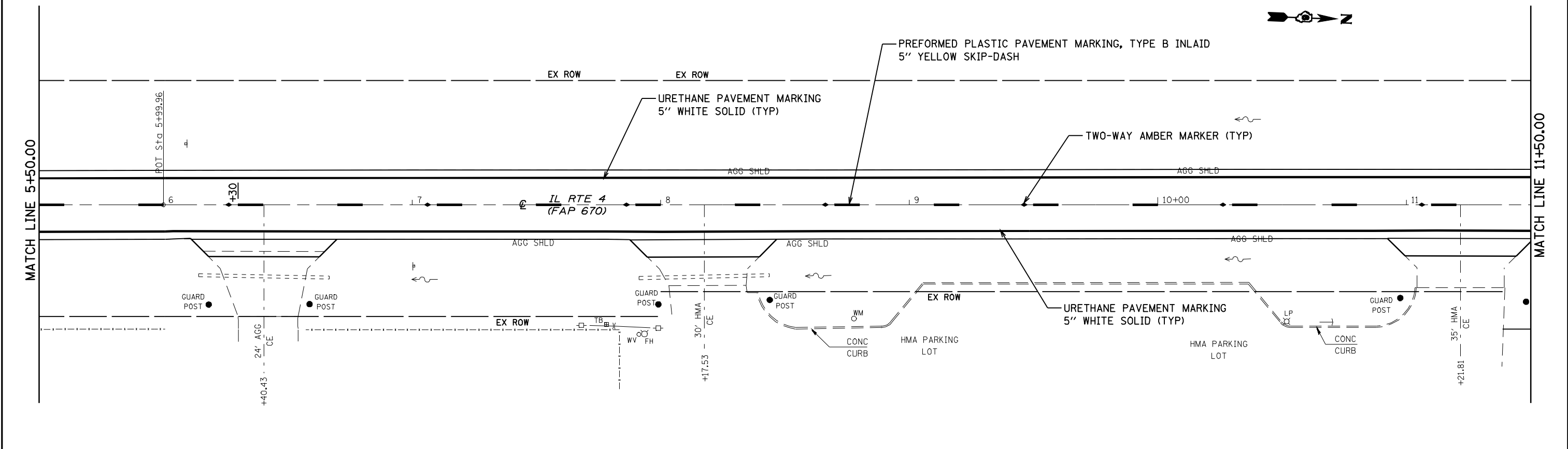
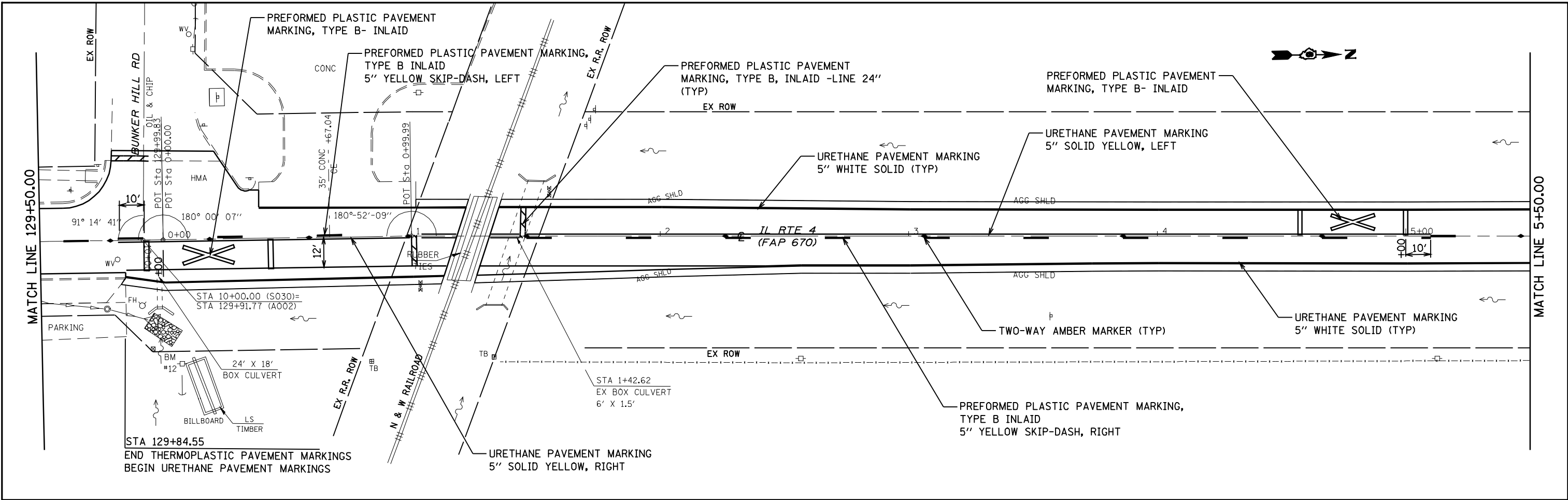
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	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING PLAN

SCALE: 1"=20' SHEET NO. 10 OF 25 SHEETS STA. 100+00.00 TO STA. 107+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8139	(30,JRS-3	MACOUPIN	45	35
CONTRACT NO. 72C18				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

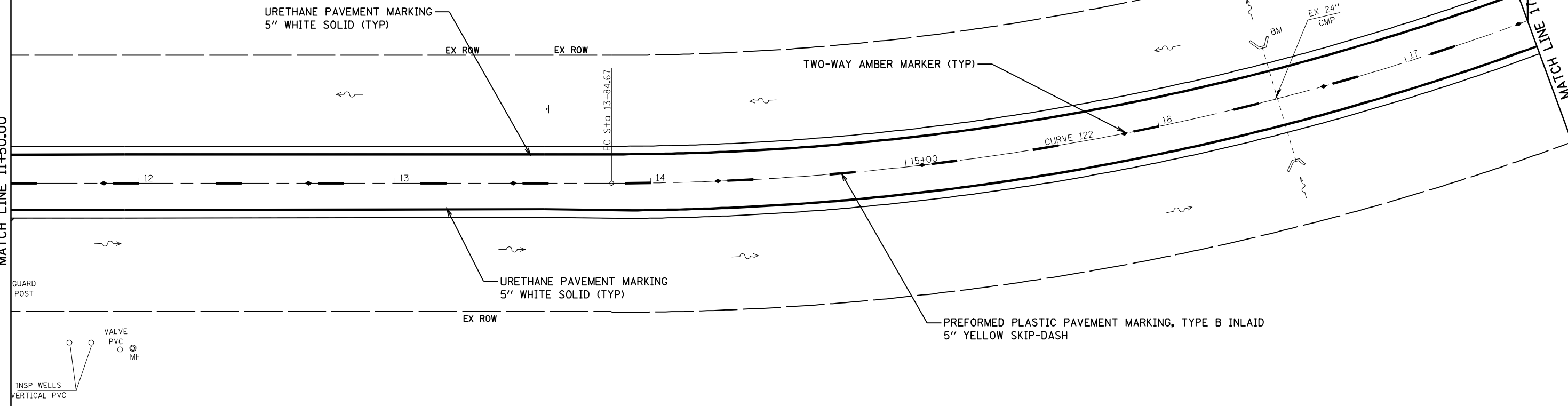
PAVEMENT MARKING PLAN
SCALE: 1"=20' SHEET NO. 13 OF 25 SHEETS STA. 129+50.00 TO STA. 11+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8139	(30,JRS-3)	MACOUPIN	45	38
CONTRACT NO. 72C18				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



MATCH LINE 11+50.00

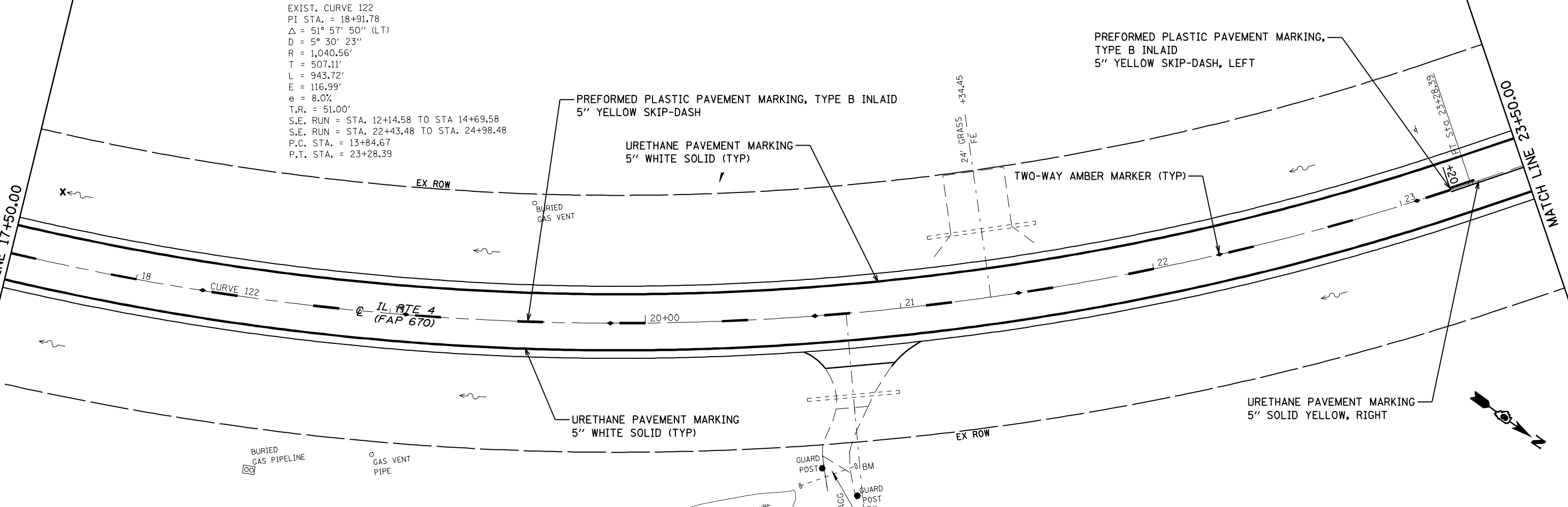
MATCH LINE 17+50.00



EXIST. CURVE 122
 PI STA. = 18+91.78
 $\Delta = 51^\circ 57' 50''$ (LT)
 $D = 5^\circ 30' 23''$
 $R = 1,040.56'$
 $T = 507.11'$
 $L = 943.72'$
 $E = 116.99'$
 $e = 8.0\%$
 $T.R. = 51.00'$
 S.E. RUN = STA. 12+14.58 TO STA 14+69.58
 S.E. RUN = STA. 22+43.48 TO STA. 24+98.48
 P.C. STA. = 13+84.67
 P.T. STA. = 23+28.39

MATCH LINE 17+50.00

MATCH LINE 23+50.00



FILE NAME = c:\pawork\pawdot\LAUGH\INR\171789\062008-ht-tripmg.dgn

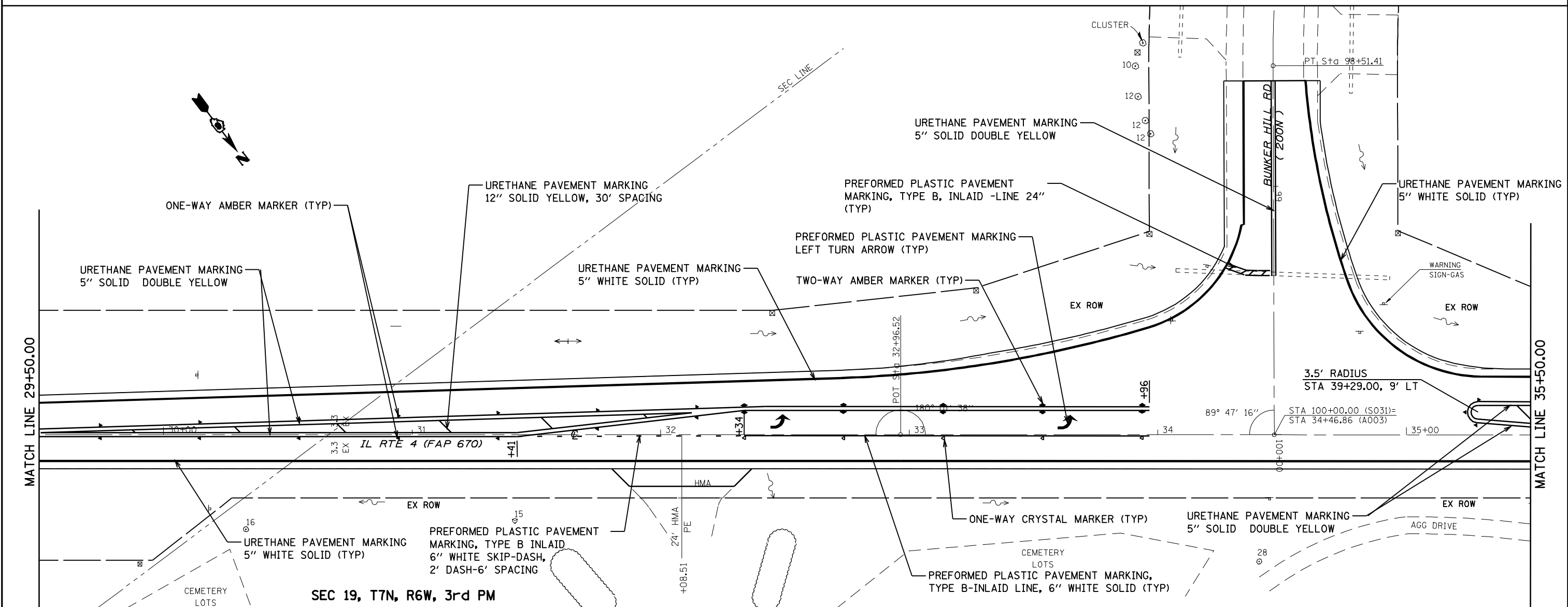
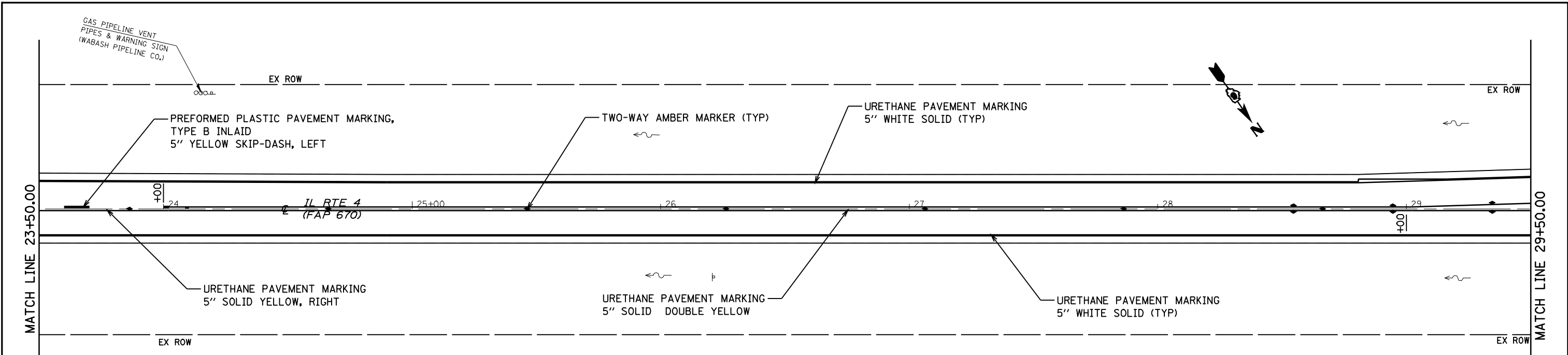
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PLOT DATE = Apr-14-2010 09:57:04AM	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING PLAN

SCALE: 1"=20' SHEET NO. 14 OF 25 SHEETS STA. 11+50+00.00 TO STA. 23+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8139	(30,JRS-3)	MACOUPIN	45	39
CONTRACT NO. 72C18				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



SEC 19, T7N, R6W, 3rd PM

USER NAME = laughlinr1	DESIGNED -	REVISED -
DRAWN -	REVISOR -	
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DATE -	REVISOR -	

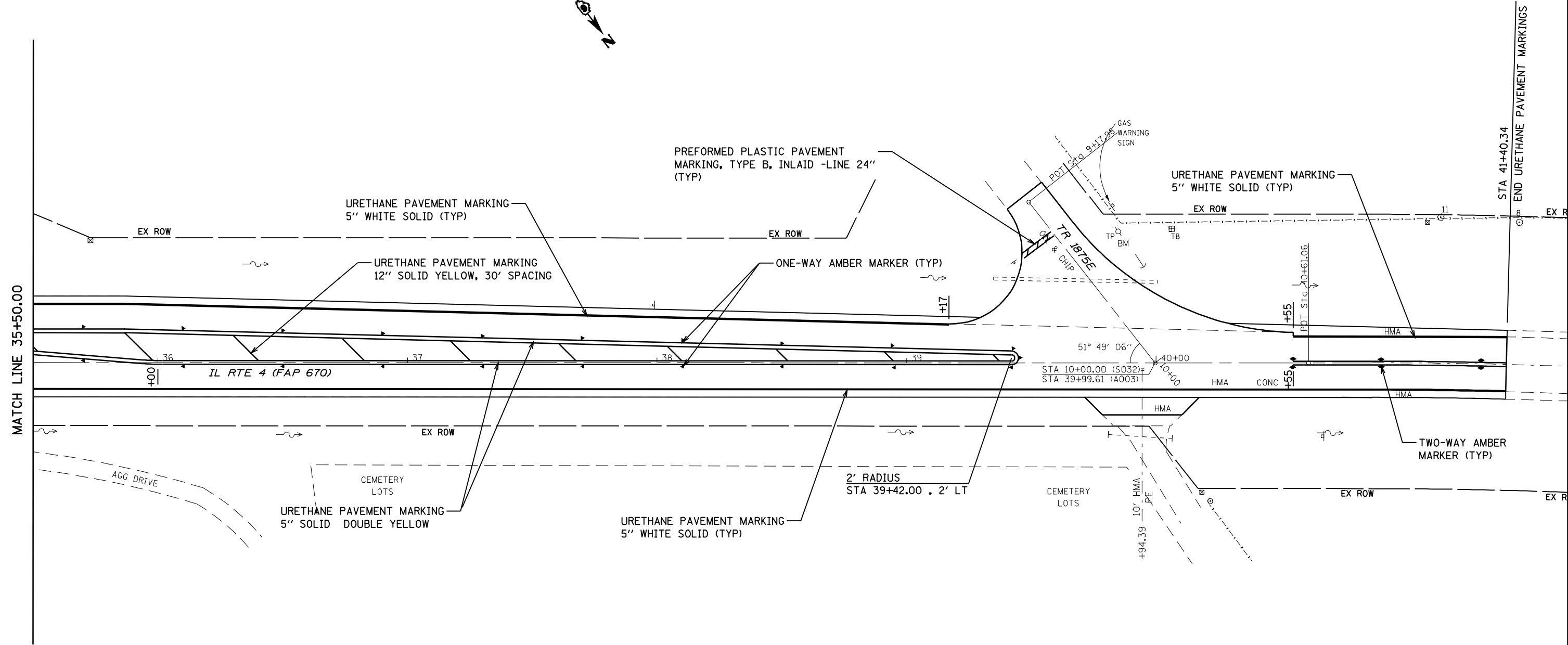
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN

SCALE: 1"=20' SHEET NO. 15 OF 25 SHEETS STA. 23+50.00 TO STA. 35+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8139	(30,JRS-3)	MACOUPIN	45	40
CONTRACT NO. 72C18				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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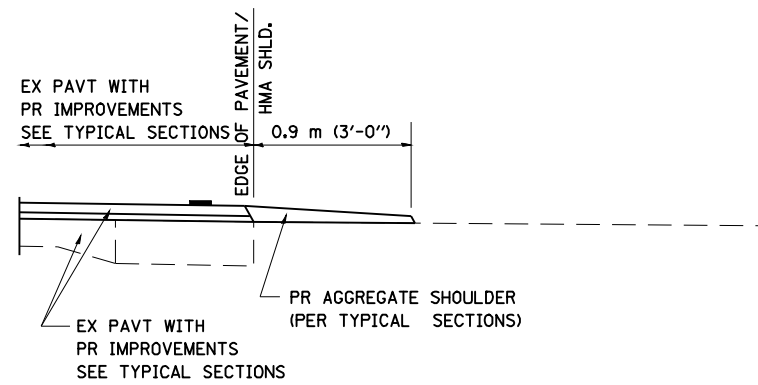
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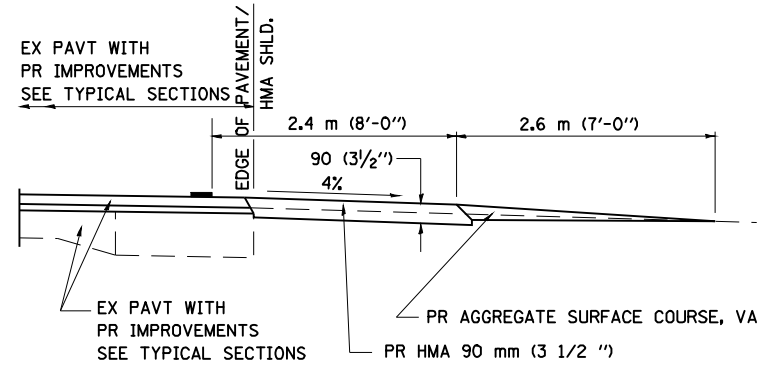
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN
 SCALE: 1"=20' SHEET NO. 16 OF 25 SHEETS STA. 35+50.00 TO STA. 41+40.34

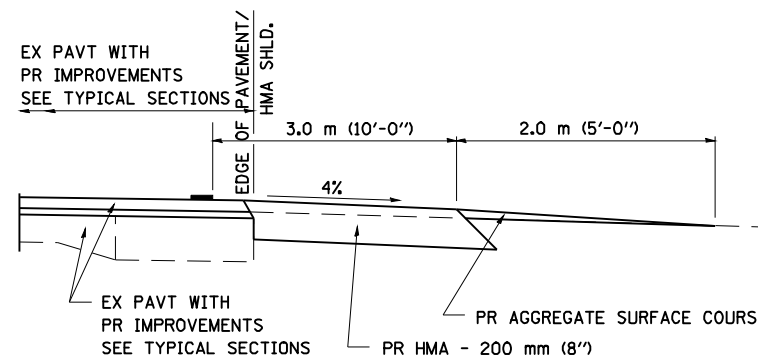
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8139	(30,JRS-3)	MACOUPIN	45	41
CONTRACT NO. 72C18				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



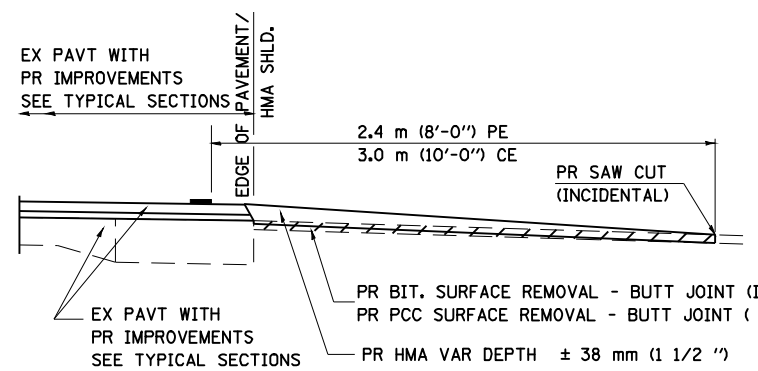
SECTION A-A FOR EX EARTH/ AGGREGATE FE



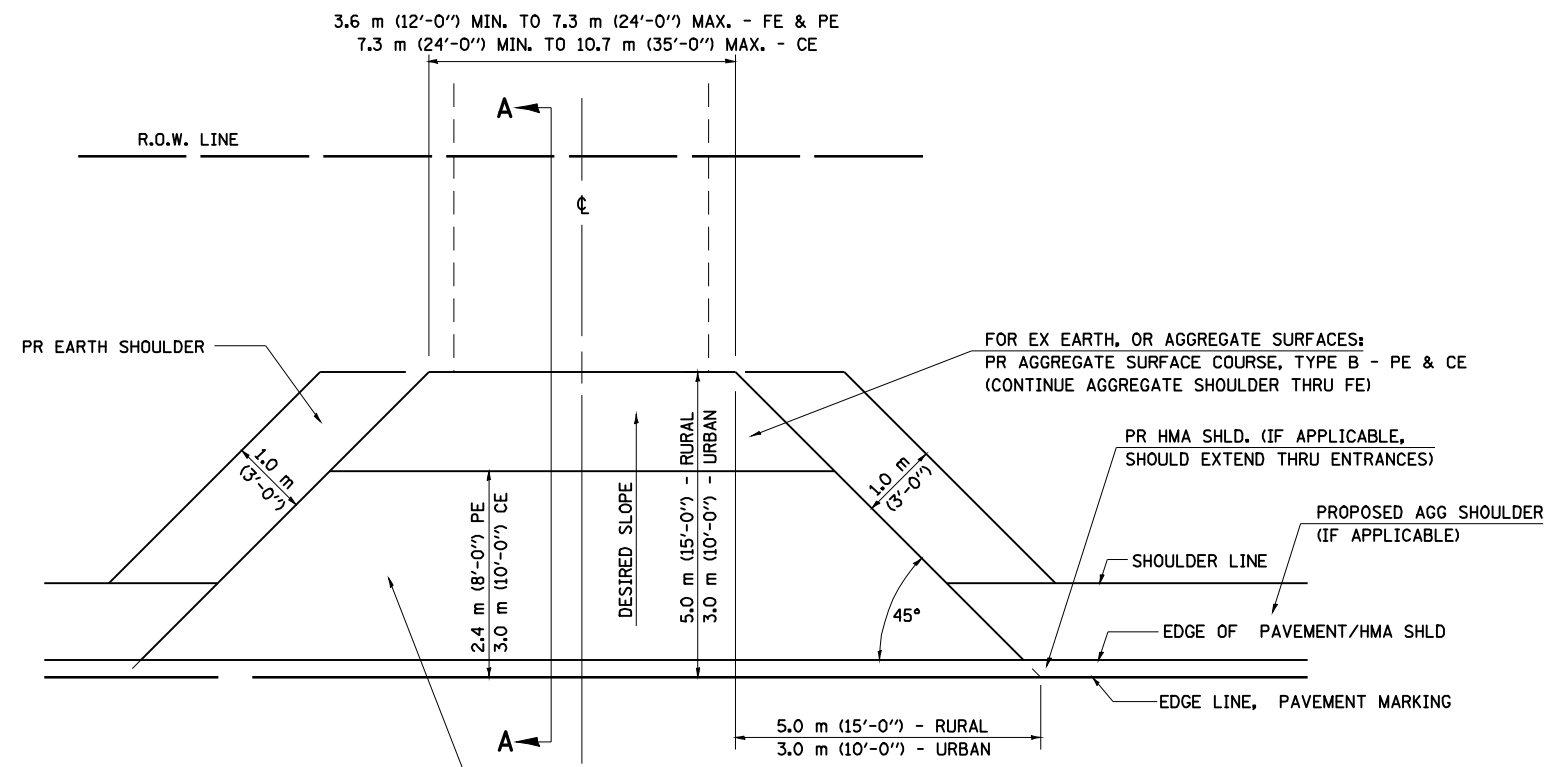
SECTION A-A FOR EX EARTH/AGGREGATE PE



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.

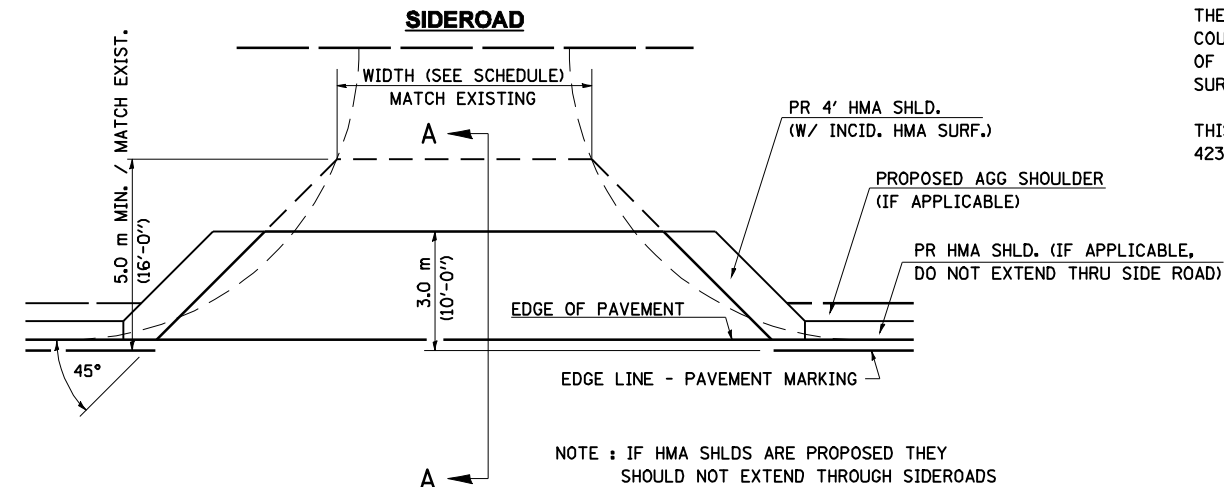
ANY WORK THE ENGINEER REQUIRES WHICH IS NOT COVERED BY A PAY ITEM CONTAINED IN THE PLANS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

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.



NOTE : IF HMA SHLDS ARE PROPOSED THEY SHOULD NOT EXTEND THROUGH SIDEROADS

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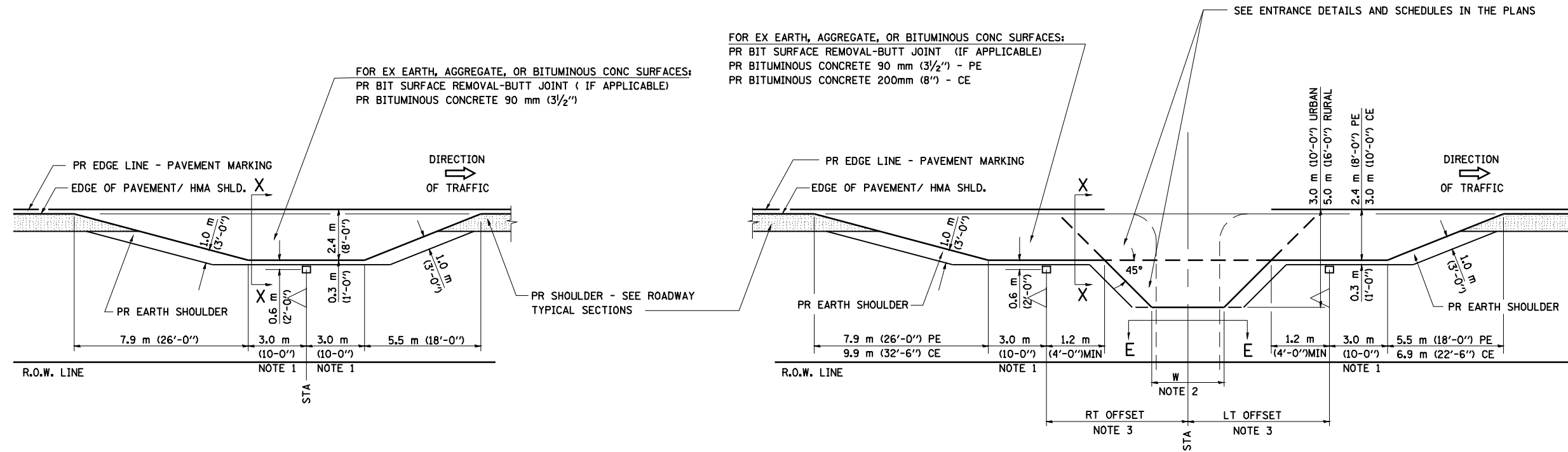
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DRAWN -	REVISED -	
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PLOT DATE = Apr-14-2010 07:59:30AM	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DIST. 6 DETAILS FOR RURAL/URBAN ENT., MAILBOX
TURNOUT & SIDEROADS W/O CONC. GUTTER (3P PROJECT)**
 SCALE: N.T.S. SHEET NO. 1 OF 2 SHEETS STA. N/A TO STA. N/A

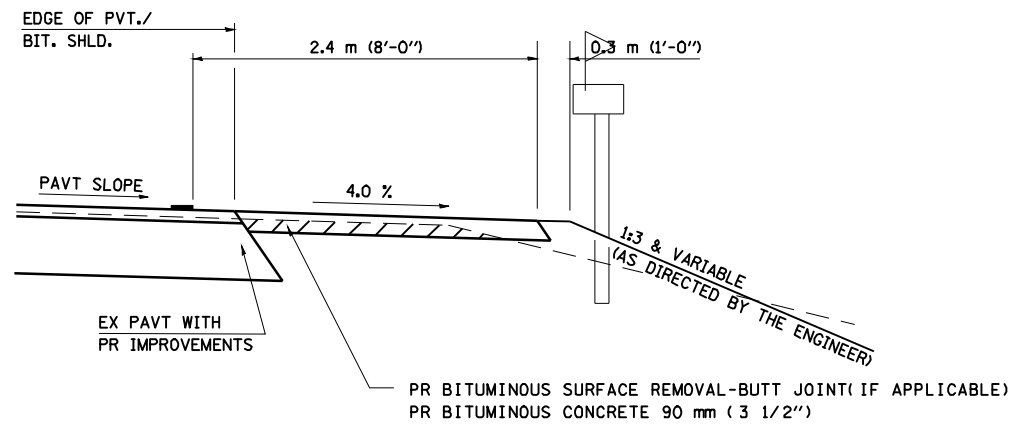
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8139	(30,JRS-3)	MACOUPIN	45	42
CONTRACT NO. 72C18				
ILLINOIS FED. AID PROJECT				

DETAILS OF MAILBOX TURNOUTS



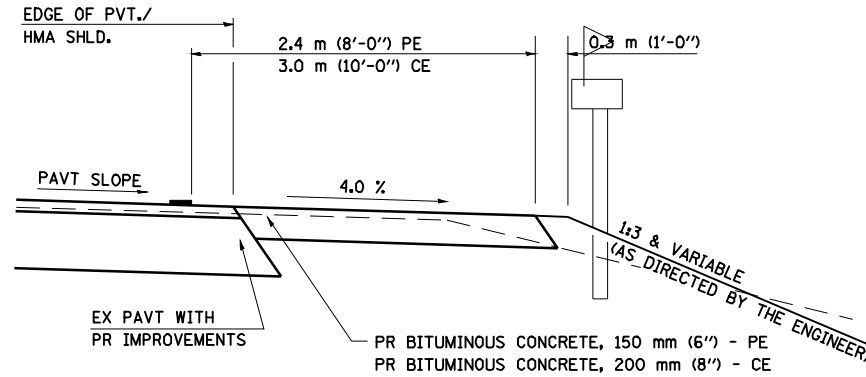
PLAN - MAILBOX TURNOUTS

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.

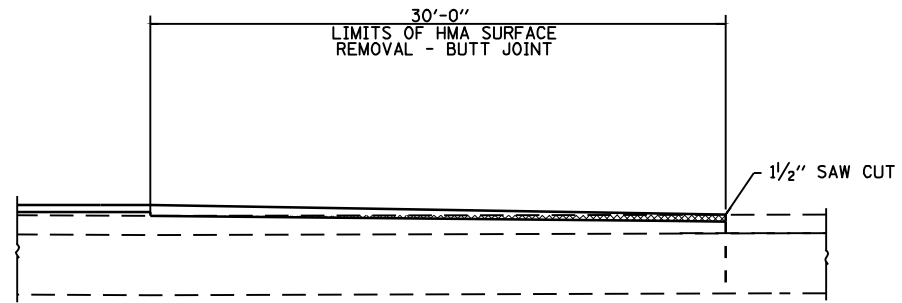
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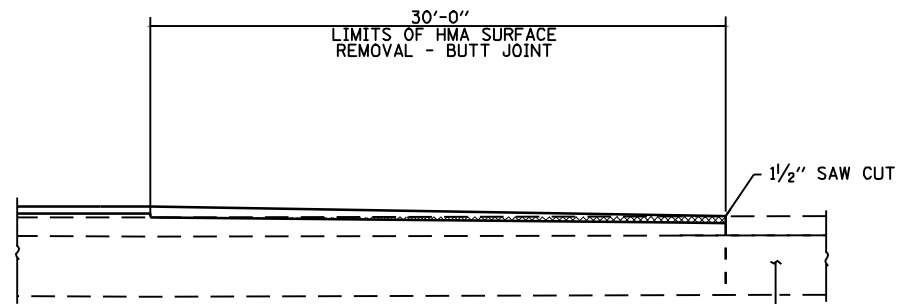
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DIST. 6 DETAILS FOR RURAL/URBAN ENT., MAILBOX TURNOUT & SIDEROADS W/O CONC. GUTTER (3P PROJECT)			
SCALE: N.T.S.	SHEET NO. 2 OF 2 SHEETS	STA. N/A	TO STA. N/A

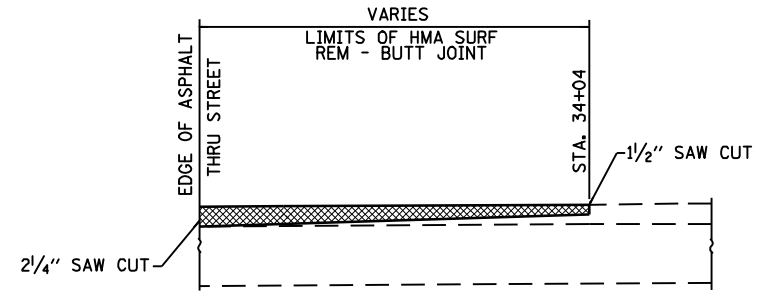
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8139	(30,JRS-3)	MACOUPIN	45	43
CONTRACT NO. 72C18				
ILLINOIS FED. AID PROJECT				



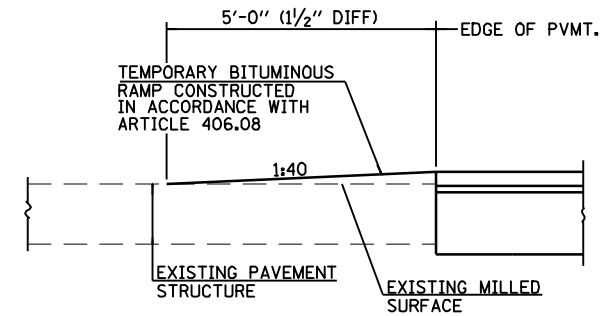
BUTT JOINT DETAIL
 (STA. 299+64.59 TO STA. 299+94.59)
 (PRAIRIETOWN ROAD)
 (BASELINE 2)
 (BUNKERHILL ROAD)
 (TR 1875E)
 (STA. 41+10.34 TO STA. 41+40.34)



BUTT JOINT DETAIL
 (STA. 0+88.22 TO STA. 1+18.22)
 (STA. 1+31.33 TO STA. 1+61.33)



BUTT JOINT DETAIL
 (URBAN SIDEROADS)



TEMPORARY RAMP DETAIL

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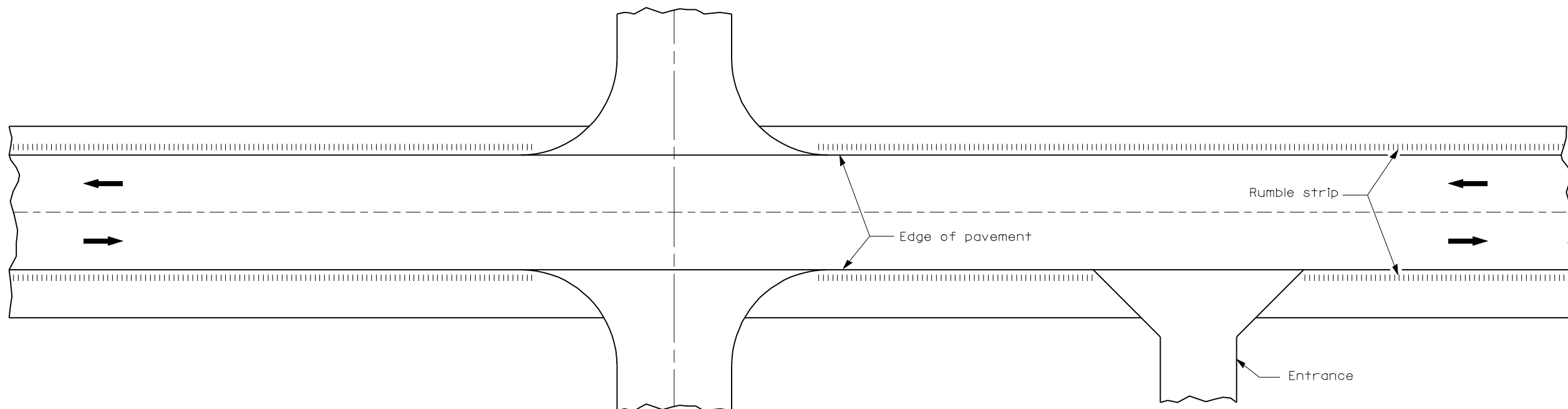
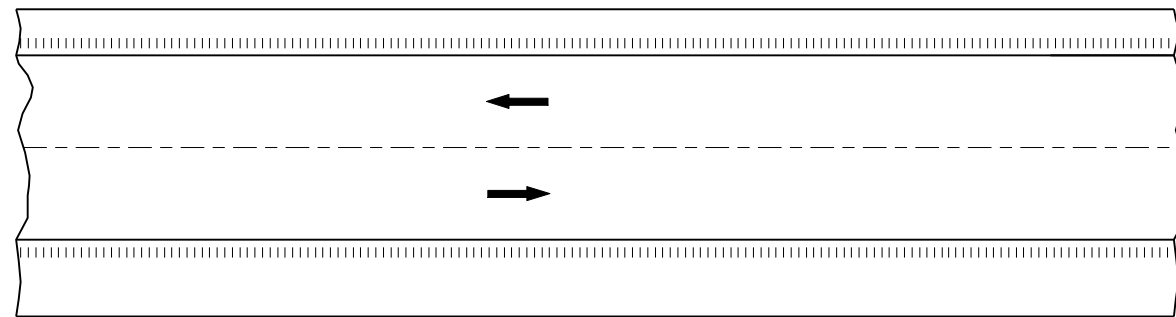
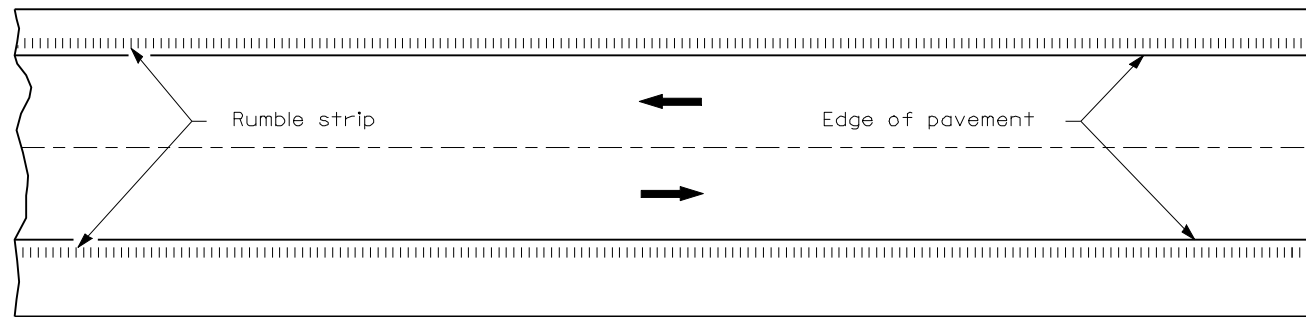
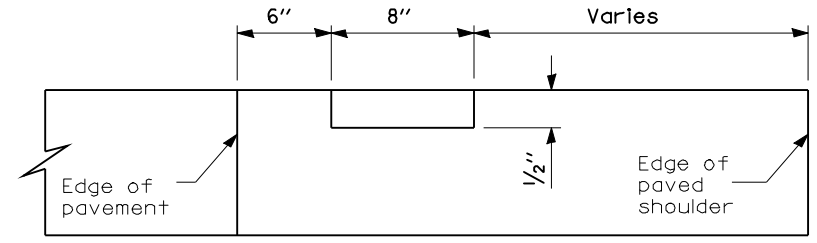
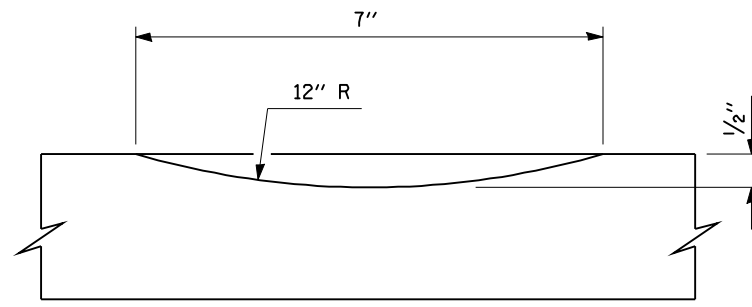
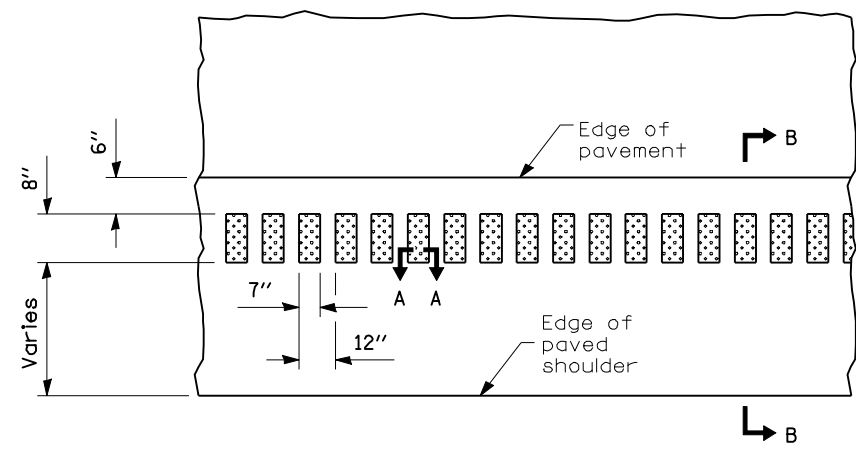
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PLOT DATE = Apr-14-2010 07:59:35AM	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

BUTT JOINT DETAILS

SCALE: N.T.S. SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8139	(30,JRS-3	MACOUPIN	45	44
CONTRACT NO. 72C18				
ILLINOIS FED. AID PROJECT				



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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

RUMBLE STRIP DETAILS

SCALE: N.T.S. SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8139	(30,JRS-3)	MACOUPIN	45	45
CONTRACT NO. 72C18				
ILLINOIS FED. AID PROJECT				