

FA RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5345	09-00139-01-RS	DEKALB	19	1
FED. ROAD DIST. NO.		ILLINOIS	CONTRACT NO. 87400	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**PROPOSED
HIGHWAY PLANS**

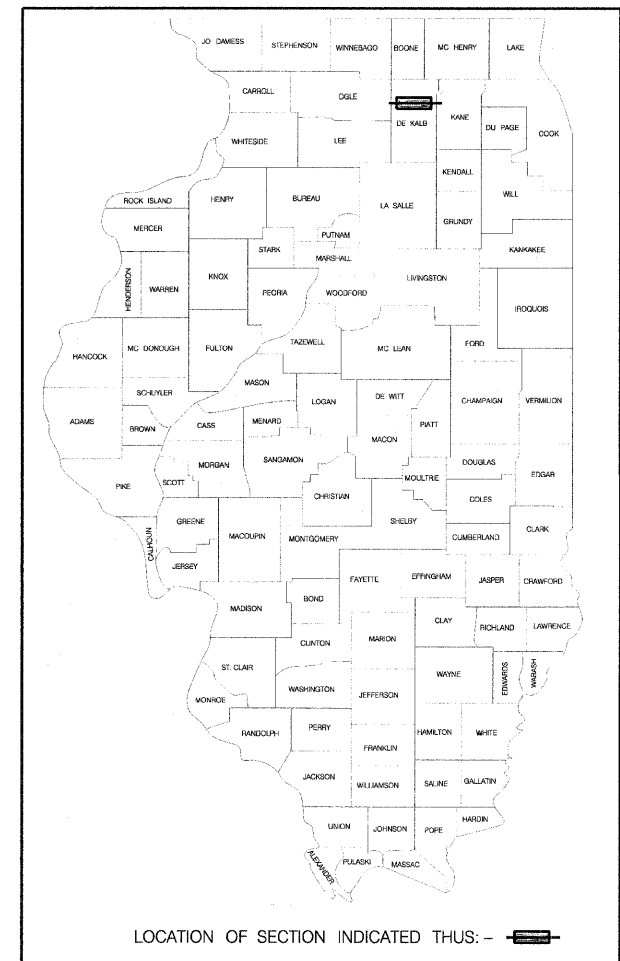
FAU ROUTE 5345 (FAIRVIEW DRIVE)
CITY OF DEKALB
SECTION 09-00139-01-RS
PROJECT ARA-5017 (040)
ARRA FUNDING
TYPE of IMPROVEMENT: LAPP RESURFACING
FROM IL RT.23 TO PEACE RD.
DEKALB COUNTY
C-93-112-09

INDEX OF SHEETS

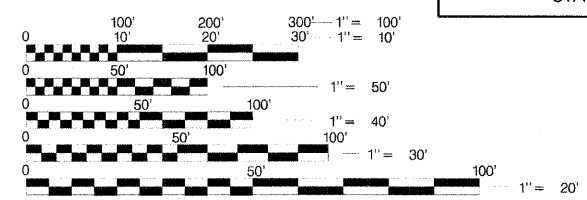
- 1 COVER SHEET
- 2 GENERAL NOTES
- 3 SUMMARY OF QUANTITIES
- 4-5 TYPICAL SECTIONS
- 6 SCHEDULE OF QUANTITIES
- 7-13 PLAN SHEETS
- 14-19 SPECIAL DETAILS

STATE STANDARDS

000001-05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
442201-03	CLASS C AND CLASS D PATCHES
602501-01	VALVE VAULT, TYPE A
604001-03	FRAME AND LIDS TYPE 1
701502-03	URBAN LANE CLOSURE, 2L, 2W, WITH BI-DIRECTIONAL LEFT TURN LANE
701901-01	TRAFFIC CONTROL DEVICES
780001-02	TYPICAL PAVEMENT MARKINGS



FUNCTION CLASSIFICATION:
OTHER PRINCIPAL ARTERIAL
2008 ADT = 6215 PV = 85% HV = 15%
DESIGN SPEED - 35 MPH (11+28 TO 36+45),
45 MPH (36+45 TO 56+00),
& 55 MPH (56+00 TO 89+00)

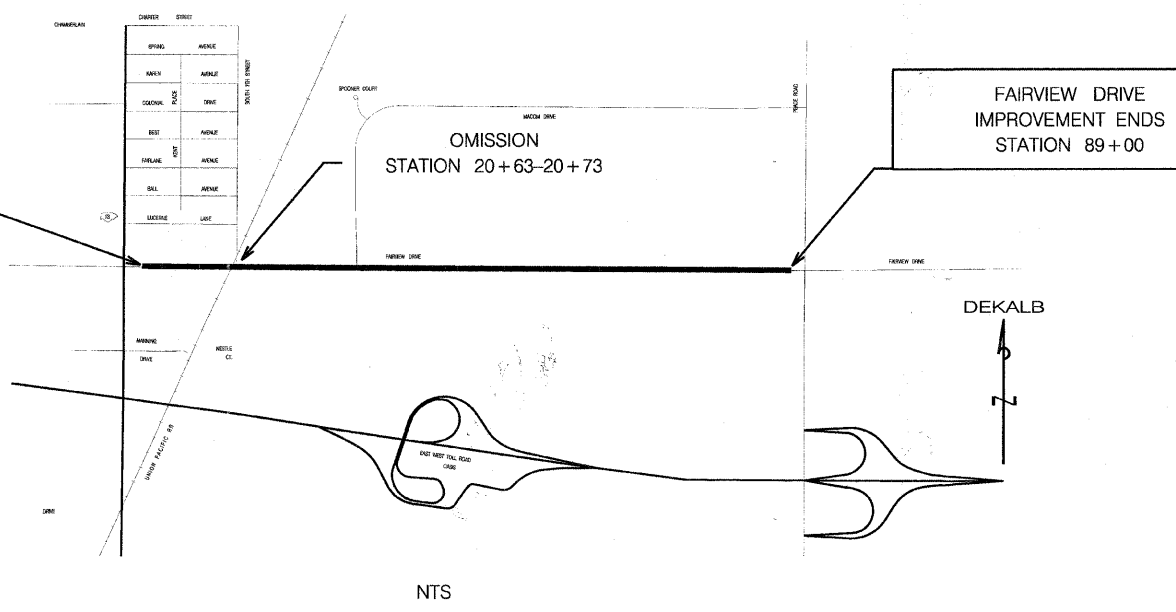


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER MICHAEL BAULING
PROJECT MANAGER

CONTRACT NO. 87400



GROSS LENGTH = 7772.0 FT. = 1.47 MILE
NET LENGTH = 7762 FT. = 1.47 MILE

APPROVED April 1, 2009
Joel C. Mauer
LOCAL AGENCY OFFICIAL

PASSED 04-15-09
Kenneth R. Lang
DISTRICT ENGINEER OF LOCAL ROADS AND STREETS

APPROVED FOR BIDDING 04-15-09
George F. Ryan
DEPUTY DIRECTOR REGION 2 ENGINEER

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DATE 4/1/09
BY Michael C Bauling
LICENSE EXPIRES 11/30/2009

GENERAL NOTES

THE THICKNESS OF HMA SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA IS PLACED.

THE HMA SURFACE OF ALL MAILBOX, TURNOUTS, PRIVATE ENTRANCES, COMMERCIAL ENTRANCES, AND SIDE ROADS SHALL BE MADE NEATLY, IN WORKMANLIKE MANNER, AND SHALL ACCURATELY CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. IF REQUIRED BY THE ENGINEER, THE CONTRACTOR SHALL BE REQUIRED TO SAW CUT THE HMA SURFACE TO CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. THIS WORK SHALL BE INCLUDED IN THE COST OF THE INCIDENTAL HMA OR THE HMA SURFACE COURSE.

THE ENGINEER WILL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HMA LIFTS.

FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.

ALL ELEVATIONS REFERRING TO U.S.G.S MEAN SEA LEVEL DATUM

PRIOR TO PAVING AND PRIMING THE STREETS, THE PAVEMENT SHALL BE CLEANED AND SWEEPED, INCLUDING WEED REMOVAL/CONTROL AS DIRECTED IN THE STANDARD SPECIFICATION BOOK, ARTICLE 406.06 (PART B). A REPRESENTATIVE OF THE PAVING CONTRACTOR SHALL BE ON THE JOB SITE WHILE THE CLEANING OPERATION IS IN PROGRESS.

ALL FRAME ADJUSTMENTS SHALL BE ACCOMPLISHED USING THE PROCEDURES OUTLINED IN THE STANDARD SPECIFICATIONS AND AS DIRECTED IN THE SPECIAL PROVISIONS. ANY SHIMS NEEDED TO ADJUST ANY FRAME SHALL BE OF SOLID FLAT STEEL WITH DIMENSIONS OF 2" IN WIDTH AND LENGTH WITH UNIFORM THICKNESS. THE FRAME WILL BE SET TO GRADE USING STEEL SHIMS AND WITHOUT DISTURBING THE ADJUSTMENT; THE FRAME WILL THEN BE LIFTED OFF AND SET ASIDE. A FULL BED OF MORTAR WILL BE PLACED ON THE STRUCTURE BETWEEN THE ADJUSTING SHIMS, WHICH SHALL FORM A SOLID MASONRY BOND BETWEEN THE ADJUSTING RING OR STRUCTURE. THE FRAME SHALL BE SET BACK INTO PLACE IN A METHOD NOT TO DISTURB THE SHIMS OR DAMAGE THE BED OF MORTAR. ALL ADJUSTED FRAMES IN THE ROADWAY SHALL BE BACKFILLED USING COMPACTED HMA BINDER OR CLASS SI CONCRETE TO A MINIMUM DEPTH OF 6" BELOW THE BOTTOM OF THE FRAME.

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

BITUMINOUS MATERIALS (PRIME COAT)	0.00043	TONS /SQ YD
AGGREGATE PRIME COAT	0.0004	TONS /SQ YD
HMA RESURFACING	112	LB /SQ YD /IN
MIX FOR CRACKS, JTS, & FLGWYS	0.0003	TONS /SQ YD
SHORT TERM PAVT MARK	4	FT /40 FT OF APPLICATION
AGGREGATE SHOULDERS	0.175	TONS /SQ YD

MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE:

ATT - CARL DONAHUE (847)420-9115

COM ED - TOM STUTZMAN (630)437-2236

COMCAST - MARTHA GIERAS (630)600-6352

DEKALB FIBER OPTIC, LLC - DAN HALVERSON (815)899-4600 X3001

CITY OF DEKALB - BRYAN FAIVRE (815)748-2050

VERIZON NORTH, INC. - MARY RUTH WILLIS (309)827-1617

ADESTA LLC - LOU URIDIL (630)739-0546

NICOR GAS - UTILITY CONSULTANT (630)388-2362

MEDIACOM - DON DEMAY (630)365-0045 X6001

THE CONTRACTOR SHALL CONTACT JULIE AT LEAST 48 HOURS PRIOR TO EXCAVATION TO DETERMINE WHICH UTILITIES ARE IN THE AREA.

	LEVELING BINDER	HMA SURFACE	INCIDENTAL HMA	CLASS D PATCHING
PG GRADE	PG64-22	PG64-22	PG64-22	PG64-22
MAX. % RAP ALLOWABLE **	15%	10%	15%	15%
DESIGN AIR VOIDS	4.0% @ N50	4.0% @ N50	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION	IL 9.5	IL 9.5	IL 9.5	IL 19.0
FRICTION AGGREGATE		MIXTURE D		
DENSITY TEST METHOD	NUCLEAR / CORES	NUCLEAR / CORES	SATISFACTION OF ENGINEER	NUCLEAR / CORES

** IF RAP OPTION IS SELECTED, THE ASPHALT CEMENT GRADE MAY NEED TO BE ADJUSTED. THIS WILL BE DETERMINED BY THE ENGINEER.

THE ENDS OF THE PROJECT WILL BE MILLED PER THE BUTT JOINT DETAIL BUT PAYMENT IS INCIDENTAL TO THE 1 1/2" REMOVAL ITEM. THE TAPERING OF THE HMA TO MATCH EXISTING HMA IS COVERED UNDER THE INDIVIDUAL HMA PAY ITEMS

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	CHECKED -	REVISOR -	REVISED -			CONTRACT NO. 87400					
	PLOT DATE = #DATE#	DATE -	REVISED -			SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.

SUMMARY OF QUANTITIES

CODE #	PAY ITEM DESCRIPTION	UNIT	TOTAL QUANTITY
* 40600200	BITUMINOUS MATERAILS (PRIME COAT)	TON	16
40600300	AGGREGATE (PRIME COAT)	TON	15
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	11
* 40600990	TEMPORARY RAMP	SQ YD	86
40600625	LEVELING BINDER (MACHINE METHOD), N50	TON	3495
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	3164
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	14
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	37668
44201789	CLASS D PATCHES, TYPE II 12"	SQ YD	60
48101200	AGGREGATE SHOULDERS, TYPE B	TON	500
60255500	MANHOLES TO BE ADJUSTED	EACH	2
60265700	VALVE VAULTS TO BE ADJUSTED	EACH	6
* 60266100	VALVE VAULTS TO BE RECONSTRUCTED	EACH	3
* 60406100	FRAME AND LIDS, TYPE 1, CLOSED LID	EACH	3
67100100	MOBILIZATION	L SUM	1
* 70101700	TRAFFIC CONTROL AND PROTECTION	L SUM	1
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	5303
* 70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	2060
^ 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	996
^ 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	28185

CODE #	PAY ITEM DESCRIPTION	UNIT	TOTAL QUANTITY
^ 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	2217
^ 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	224
^ 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	103
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1
^ 72000100	SIGN PANEL - TYPE 1	SQ FT	157
^ 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	191
^ 73100100	BASE FOR TELESCOPING STEEL SIGN SUPPORT	EACH	17

* - SPECIAL PROVISION

^ - SPECIALITY ITEM

NOTE - CONSTRUCTION FUND TYPE CODE (1000)

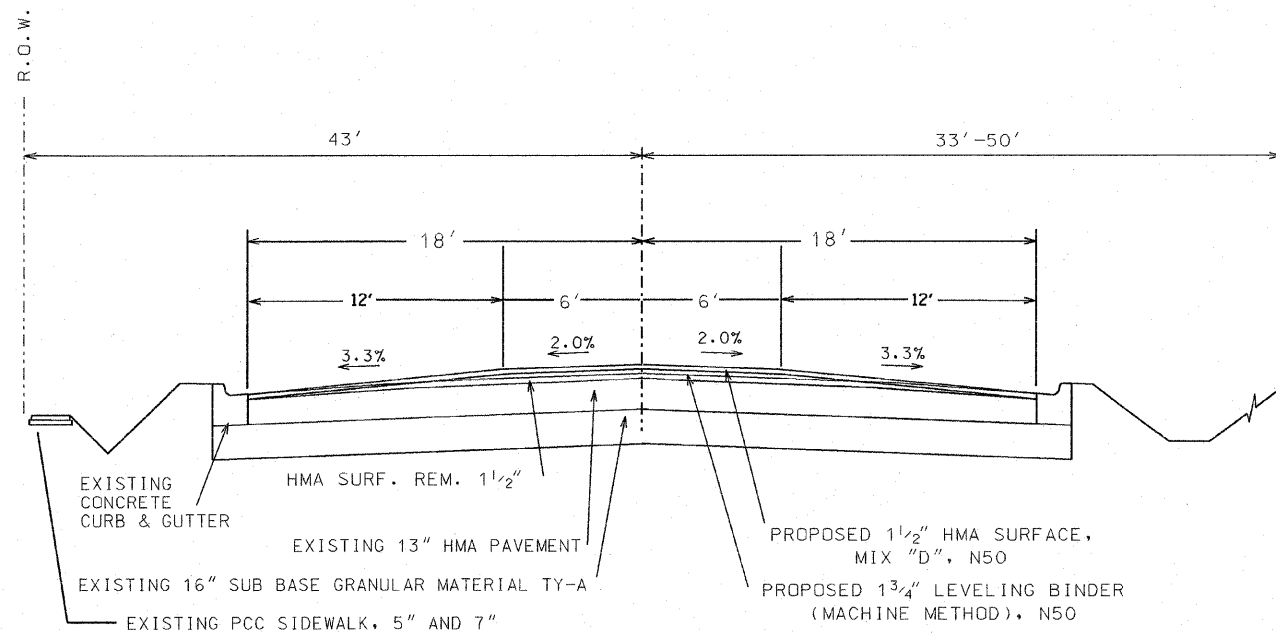
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		DATE	REVISED
		--	--

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

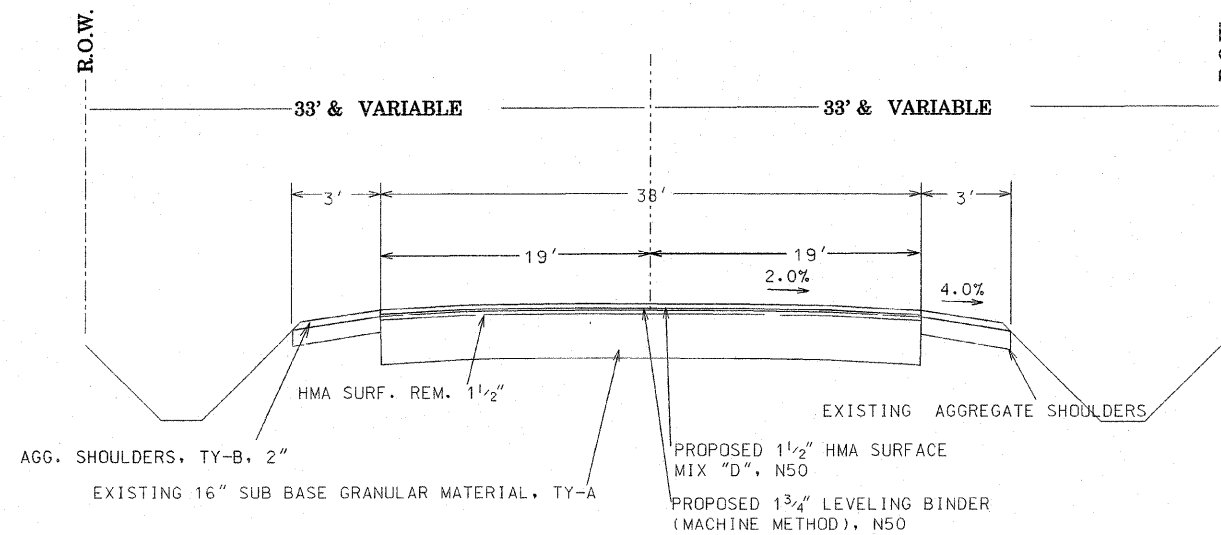
SUMMARY OF QUANTITIES

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5345	09-00139-01-RS	DEKALB	19	3
CONTRACT NO. 87400				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



STA 11+28 TO 24+00



STA 24+00 TO 30+83

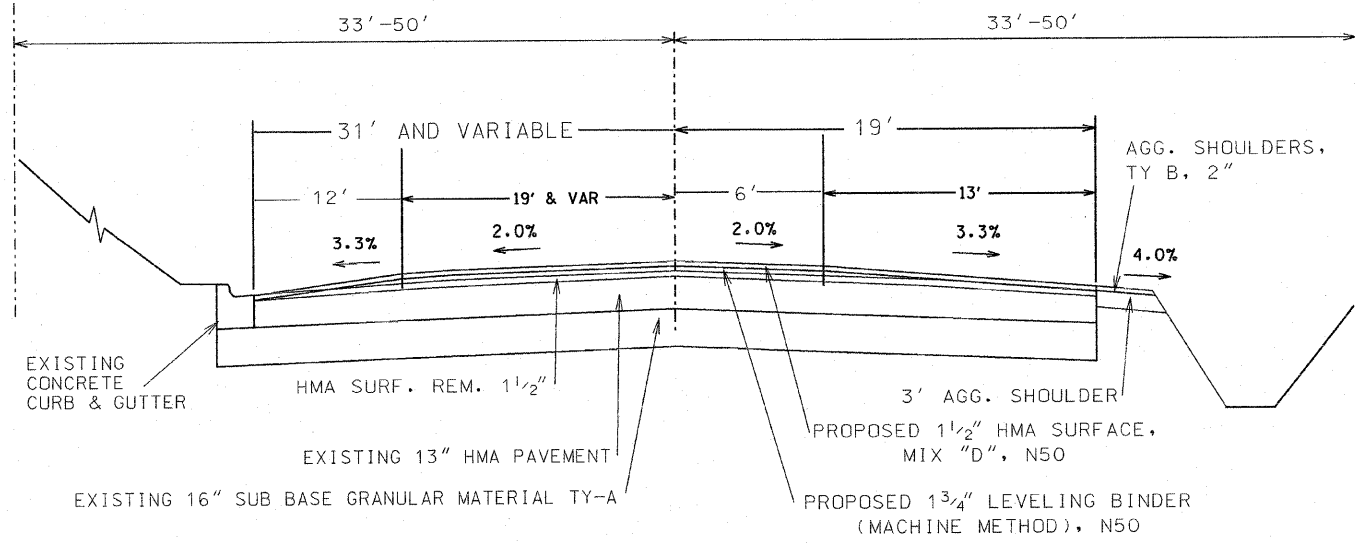
STA 42+18 TO 44+92

STA 67+18 TO 70+68

STA 76+31 TO 89+00

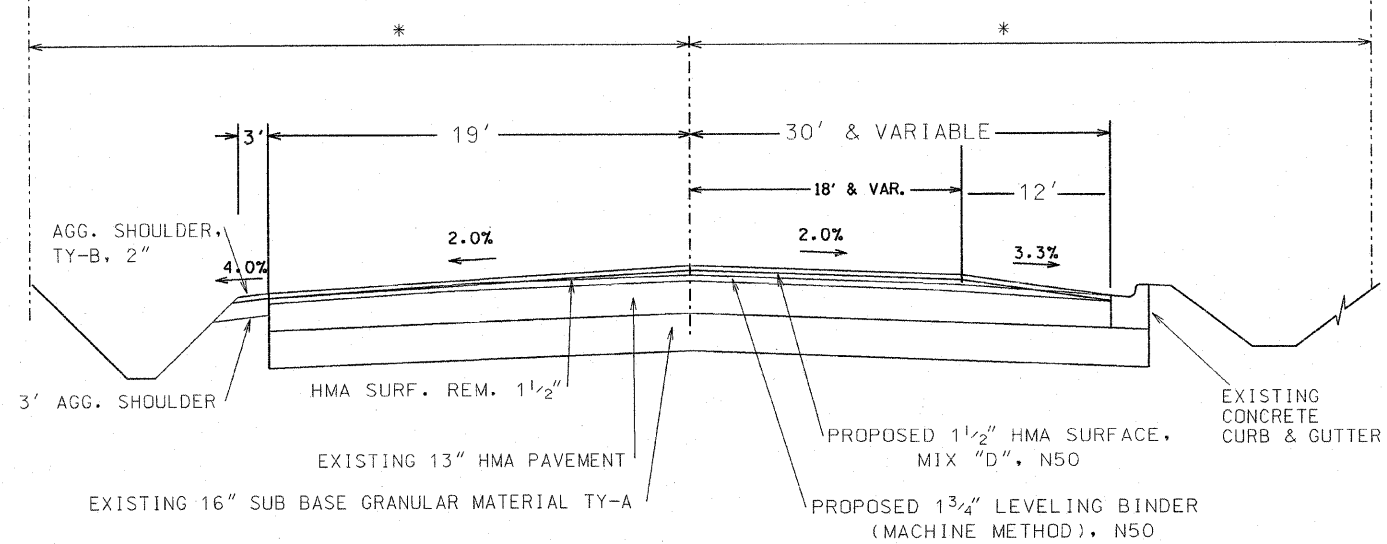
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R.O.W.



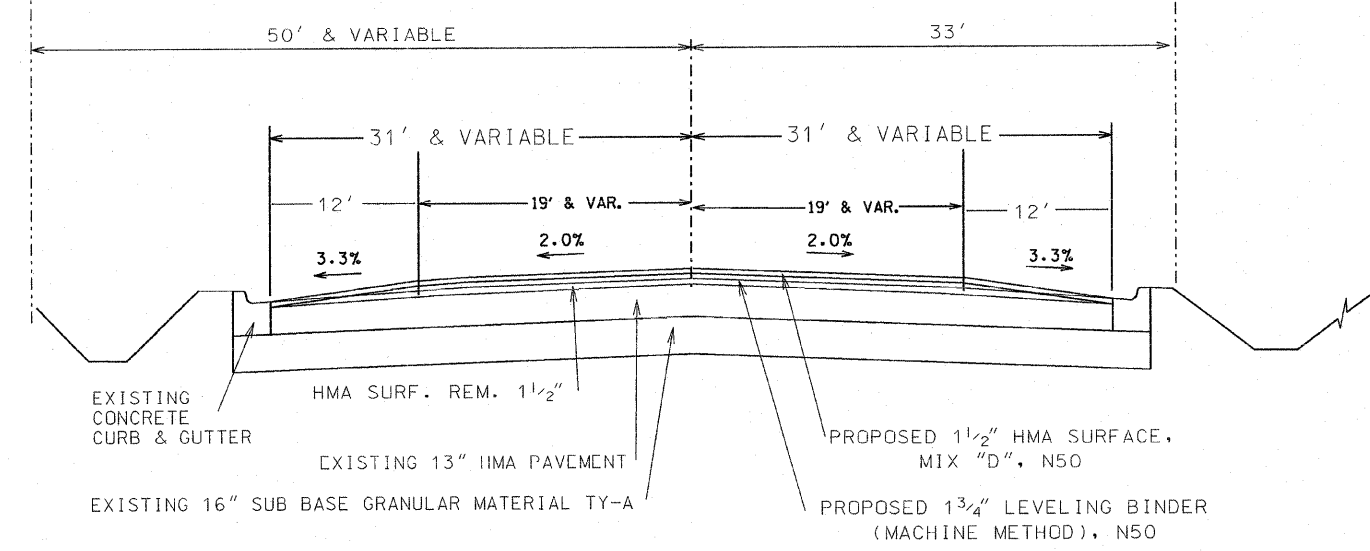
STA 30+83 TO 42+18

R.O.W.



STA 44+92 TO 52+32*(50' & VARIABLE LT, 33 & VARIABLE RT)
 STA 57+34 TO 67+18*(50' LT, 33' AND VARIABLE RT)
 STA 70+68 TO 76+31*(50' LT, 33' AND VARIABLE RT)

R.O.W.



STA 52+32 TO 57+34

FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = #DATE#	DATE -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.				

Striping Schedule

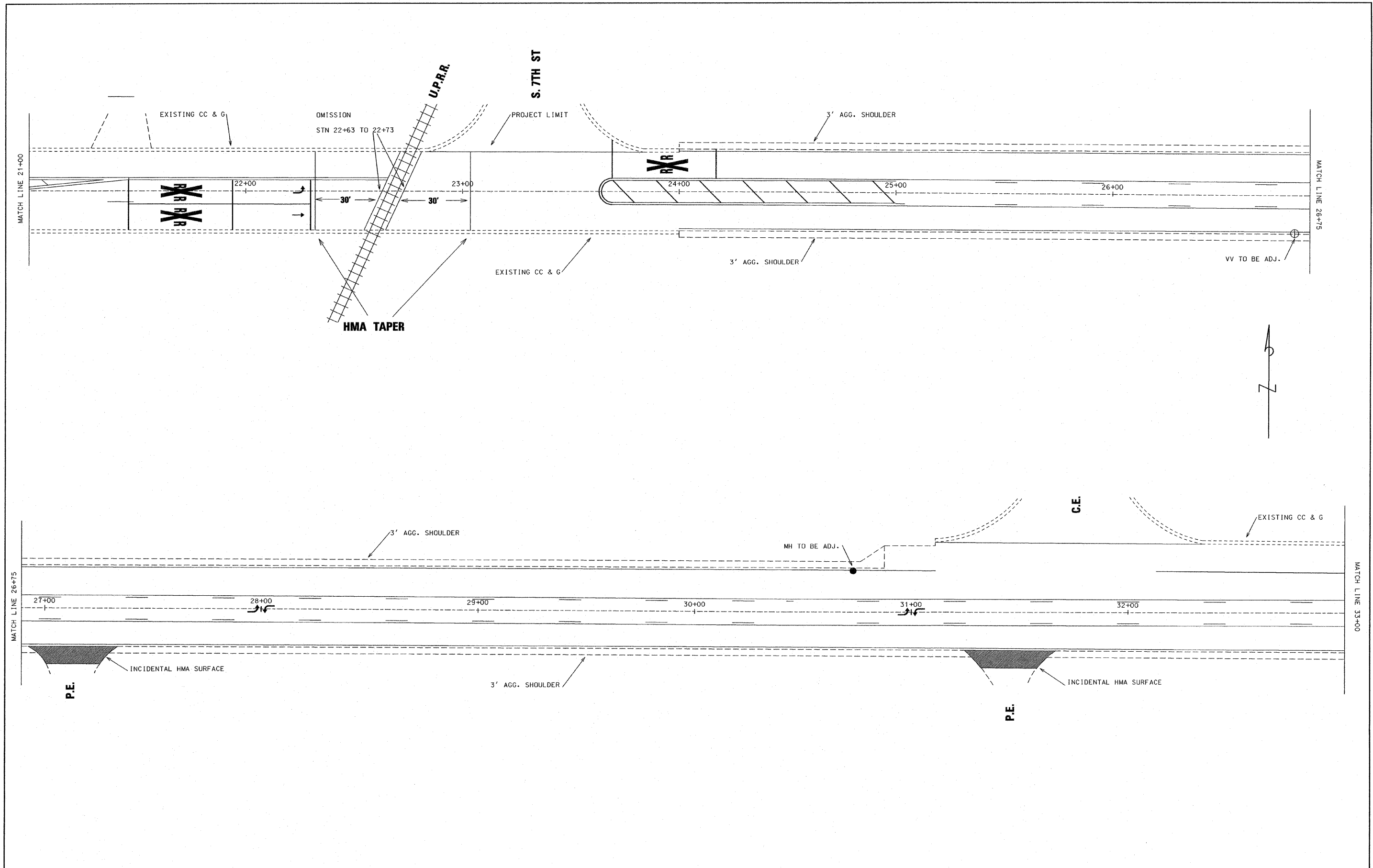
Locations	Short-Term Pavt Mark (ft)	Work Zone Pavt Mk Rem (sq ft)	Thermo Pavt Mk line, 4" (ft)	Thermo Pavt Mk line, 8" (ft)	Thermo Pavt Mk line, 12" (ft)	Thermo Pavt Mk line, 24" (ft)	Thermo Pavt Mk L & S (sq ft)	Remarks
Sta 11+28 to 11+57	8.0		58.0	29.0				Lane line
Sta 11+42	32.0	16.0						15.6 Left turn arrow
Sta 11+57 to 20+24	350.0		1954.0					Median 4" w/ 10' skip
Sta 14+50	64.0	32.0						31.2 Median-2 left turn arrows
Sta 17+50	64.0	32.0						31.2 Median-2 left turn arrows
Sta 20+24 to 21+45	24.0	12.0	484.0		41.0			Median-4" dy & 12" diag
Sta 21+45 to 22+30	250.0	120.0	170.0	80.0		72.0	139.5	(2) RXR, left and thru arrow
Sta 21+45 to 22+65	50.0	24.0	240.0					Median 4" dy
Sta 23+65 to 25+00	56.0	32.0	561.0		103.0			Median-4" dy & 12" diag
Sta 23+65 to 25+00	100.0	50.0				30.5	61.2	RXR
Sta 24+00 to 31+11 LT	0.0		711.0					EOP
Sta 24+00 to 44+92 RT	0.0		2092.0					EOP
Sta 25+00 to 35+25	205.0	80.0	2460.0					Median 4" w/ 10' skip
Sta 28+00	64.0	32.0						31.2 Median-2 left turn arrows
Sta 31+00	48.0	24.0						31.2 Median-2 left turn arrows
Sta 32+13 to 34+37 LT	44.0	20.0		224.0				Lane line
Sta 32+30 LT	32.0	16.0						15.6 Right turn arrows
Sta 34+00 LT	32.0	16.0						15.6 Right turn arrows
Sta 34+37 to 35+60 LT	16.0	8.0		30.0				2' by 6' skips
Sta 35+25 to 35+74	16.0	8.0	98.0					Median 4" dy
Sta 35+75 to 36+89	48.0	24.0	230.0					Median 4" dy
Sta 35+75 to 36+89	24.0	12.0		115.0				Lane line
Sta 35+89	32.0	16.0						15.6 Left turn arrow
Sta 36+77	32.0	16.0						15.6 Left turn arrow
Sta 37+77 to 38+97			481.0		40.0			Median-4" dy & 12" diag
Sta 38+32 to 40+22 LT				190.0				Lane line
Sta 38+97 to 86+08	1888.0	600.0	11302.0					Median 4" w/ 10' skip
Sta 38+40 LT	32.0	16.0						15.6 Right turn arrows
Sta 40+06 LT	32.0	16.0						15.6 Right turn arrows
Sta 40+00	64.0	32.0						31.2 Median-2 left turn arrows
Sta 40+22 to 42+18 LT				46.0				2' by 6' skips
Sta 42+18 to 46+08 LT			390.0					EOP
Sta 44+92 to 46+72 RT				44.0				2' by 6' skips
Sta 46+00	64.0	32.0						31.2 Median-2 left turn arrows
Sta 46+72 to 49+86 RT	64.0	32.0		314.0				Lane line
Sta 47+12 RT	32.0	16.0						15.6 Right turn arrows
Sta 49+34 RT	32.0	16.0						15.6 Right turn arrows
Sta 47+03 to 52+46 LT			543.0					EOP
Sta 49+00	64.0	32.0						31.2 Median-2 left turn arrows
Sta 52+00	64.0	32.0						31.2 Median-2 left turn arrows
Sta 53+90 to 55+79 LT	40.0	20.0		189.0				Lane line
Sta 55+79 to 57+34 LT				38.0				2' by 6' skips
Sta 54+20 LT	32.0	16.0						15.6 Right turn arrows
Sta 55+50 LT	32.0	16.0						15.6 Right turn arrows
Sta 53+50 to 54+78 RT	24.0	12.0		128.0				Lane line
Sta 54+78 to 59+98 RT	144.0	52.0	650.0					10' x 30' skips (white)
Sta 57+34 to 89+00 LT			3166.0					EOP
Sta 56+00	64.0	32.0						31.2 Median-2 left turn arrows
Sta 59+00	64.0	32.0						31.2 Median-2 left turn arrows
Sta 59+98 to 61+50 RT				38.0				2' by 6' skips
Sta 61+50 to 63+00 RT	32.0	16.0		150.0				Lane line
Sta 62+00	64.0	32.0						31.2 Median-2 left turn arrows
Sta 64+08 to 65+94 RT	32.0	16.0		186.0				Lane line
Sta 65+94 to 67+18 RT	48.0	24.0		30.0				2' by 6' skips
Sta 65+00	64.0	32.0						31.2 Median-2 left turn arrows
Sta 67+18 to 70+68 RT			350.0					EOP
Sta 68+00	64.0	32.0						31.2 Median-2 left turn arrows
Sta 70+68 to 71+85.5 RT	48.0	24.0		30.0				2' by 6' skips
Sta 71+00	64.0	32.0						31.2 Median-2 left turn arrows
Sta 71+85.5 to 73+86 RT	40.0	20.0		200.0				Lane line
Sta 72+00 RT	32.0	16.0						15.6 Right turn arrows
Sta 73+50 RT	32.0	16.0						15.6 Right turn arrows
Sta 74+00	64.0	32.0						31.2 Median-2 left turn arrows
Sta 75+00 to 76+31 RT			32.0					2' by 6' skips
Sta 76+31 to 89+00 RT			1269.0					EOP
Sta 77+00	64.0	32.0						31.2 Median-2 left turn arrows
Sta 80+00	64.0	32.0						31.2 Median-2 left turn arrows
Sta 83+00	64.0	32.0						31.2 Median-2 left turn arrows
Sta 86+08 to 87+88	64.0	18.0	720.0		40.0			Median-4" dy & 12" diag
Sta 86+08 to 87+88				44.0				2' by 6' skips
Sta 87+88 to 89+00	24.0	12.0		112.0				Lane line
Sta 87+88 to 89+00	48.0	16.0	224.0					Median 4" dy
Sta 88+04	32.0	16.0						15.6 Left turn arrows
Sta 88+90	32.0	16.0						15.6 Left turn arrows
Totals	5303.0	2060.0	28185.0	2217.0	224.0	102.5	996.3	

SIGN SCHEDULE

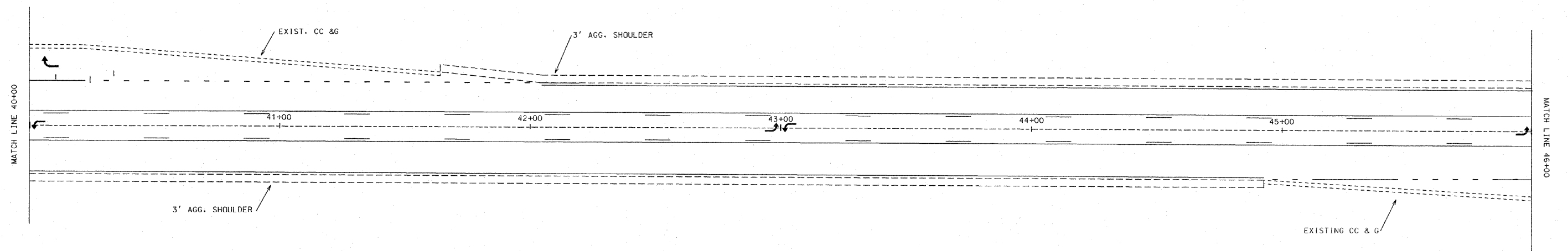
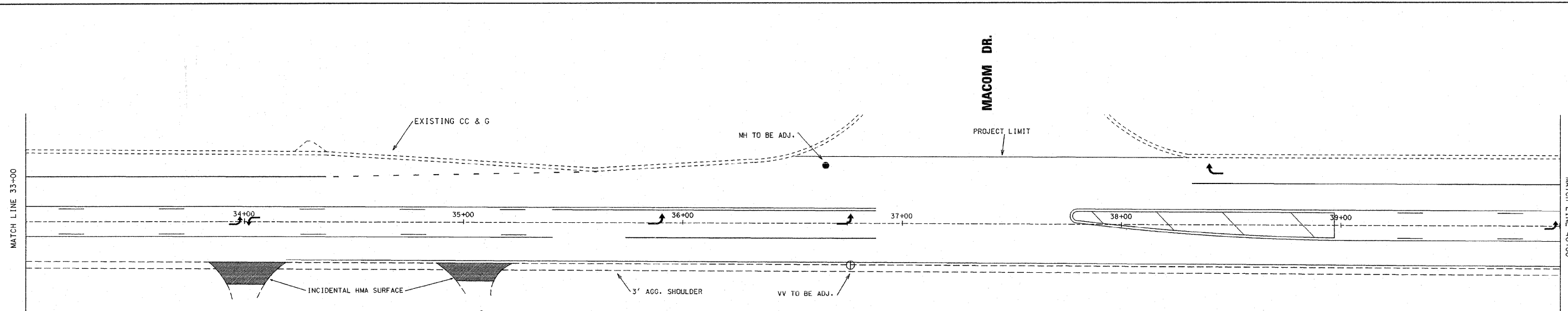
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NO.	1	1A	1B	2	2A	2B	2C	2	2A	21	21A	3	3A	4	4A	4B	20	20A	19	19A	5	5A	5B	6	6A	18	18A	18B	7	7A	17	8	9	9A	16	10	15	10A	14	11	12	13	TOTAL				
SIGN LEGEND	R2-1	R5-102	R7-1	M1-100	M6-4	M2-1	R5-102	S3-1	R7-1	W3-3	R7-1	W10-1	R7-1	R5-102	M6-8A	R7-1	R2-1	R7-1	S3-1	R7-1	W1-7	R5-102	M6-4	R2-1	R7-1	W10-1	R5-102	M6-6	R2-1	R7-1	R2-1	R7-1	R2-1	R7-1	W3-5	R7-1	S3-1	W3-3	R3-7L	R5-102							
SUPPL. INFO.	"35"	"11"	ILLINOIS 23	JCT	"11"									"11"			"35"				"11"	"35"		"11"	"45"	"35"	"55"	"45"	"45"																		
TOTAL SIGN AREA	5	4	1.5	4	2.19	2.19	4	6.25	1.5	6.25	1.5	6.25	1.5	4	2.19	1.5	5	1.5	6.25	1.5	8	4	2.19	5	1.5	6.25	4	2.19	5	1.5	5	1.5	5	1.5	5	1.5	5	1.5	5	1.5	6.25	6.25	6.25	4	156.45		
TOTAL POST LENGTH	11			0				12	0		11			11			0		12		22			11		12			11		11	11	11		0	11	11	11	11	12	0	0	0	0	191		
POST BASE	1			0				1	0		1			1			0		1		2			1		1			1		1	1	1		0	1	1	1	1	1	0	0	0	0	17		

HMA SCHEDULE

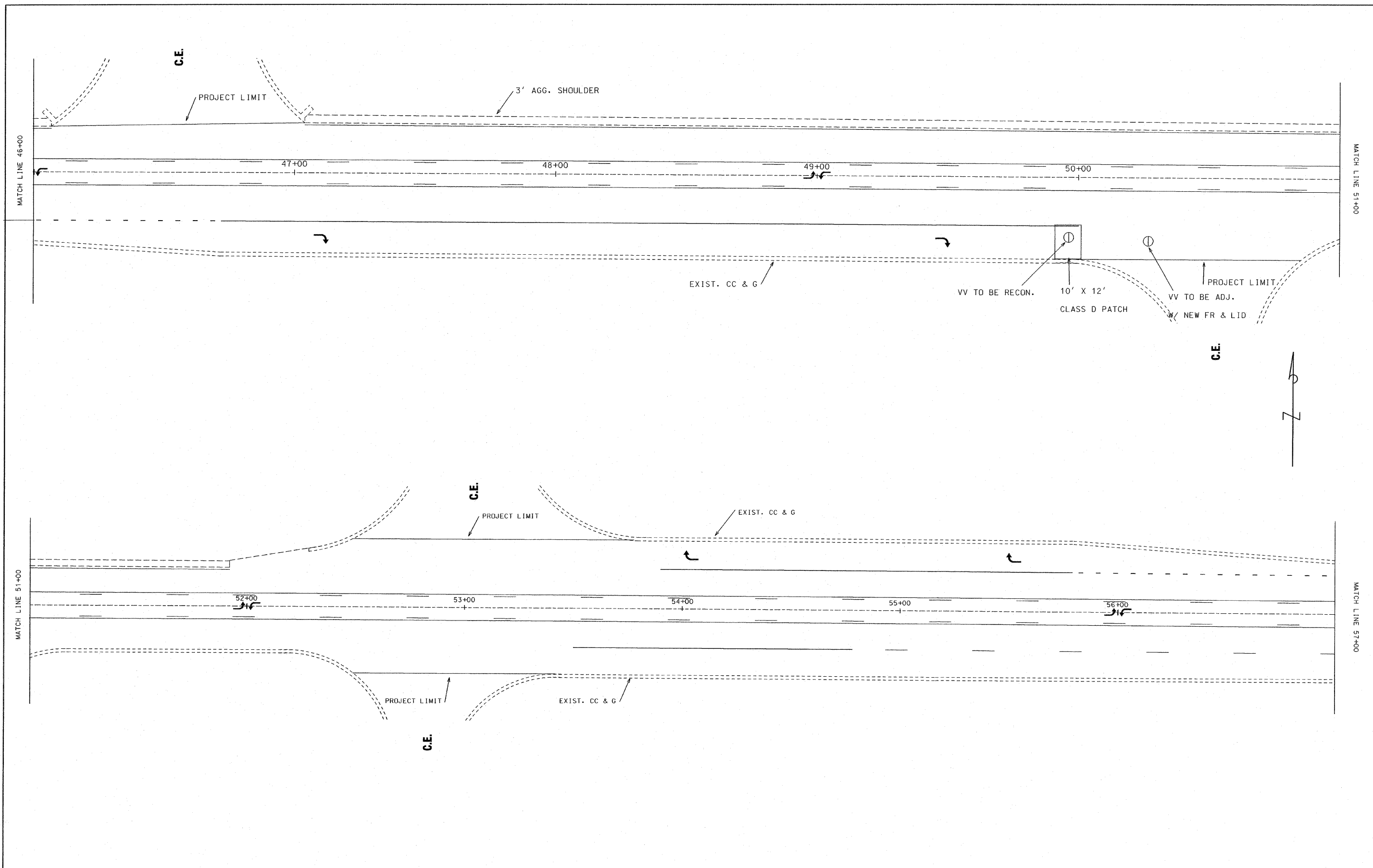
STATION	L	W	SY	TONS	TONS	SQ YDS	TONS	TONS	TONS	TONS	TONS
11+28-24+00	1272.0	36.00	5088.0	427.39	356.26	60	2.19	2.04	0	1.53	0
24+00-30+83	683.0	38.00	2883.8	242.24	282.61	0	1.24	1.15	79.68	0.87	4
30+83-31+11	28.0	49.25	153.2	12.87	15.59	0	0.07	0.06	1.63	0.05	0
31+11-31+38	27.0	53.60	160.8	13.51	15.50	0	0.07	0.06	1.58	0.05	0
31+38-32+18	80.0	56.70	504.0	42.34	49.00	0	0.22	0.20	4.67	0.15	4
32+18-32+44	26.0	53.35	154.1	12.95	15.81	0	0.07	0.06	1.52	0.05	0
32+44-34+37	193.0	50.00	1072.2	90.07	102.07	0	0.46	0.43	11.26	0.32	4
34+37-35+60	123.0	46.25	632.1	53.10	59.31	0	0.27	0.25	7.18	0.19	2
35+60-36+00	40.0	44.05	195.8	16.45	18.19	0	0.08	0.08	2.33	0.06	0
36+00-36+50	50.0	47.40	263.3	22.12	24.83	0	0.11	0.11	2.92	0.08	0
36+50-40+20	370.0	50.00	2055.6	172.67	195.67	0	0.88	0.82	21.58	0.62	0
40+20-42+18	198.0	43.75	962.5	80.85	96.71	0	0.41	0.39	11.55	0.29	0
42+18-44+92	274.0	37.50	1141.7	95.90	122.75	0	0.49	0.46	31.97	0.34	0
44+92-46+72	180.0	43.50	870.0	73.08	87.35	0	0.37	0.35	10.50	0.28	0
46+72-50+00	328.0	49.50	1804.0	151.54	171.43	0	0.78	0.72	19.13	0.54	0
50+00-50+11	11.0	49.75	60.8	5.11	5.79	0	0.03	0.02	0.64	0.02	0
50+11-50+85	74.0	50.00	411.1	34.53	39.13	0	0.18	0.16	4.32	0.12	0
50+85-51+17	32.0	43.75	155.6	13.07	14.43	0	0.07	0.06	1.87	0.05	0
51+17-51+92	75.0	37.50	312.5	26.25	28.00	0	0.13	0.13	4.38	0.09	0
51+92-52+02	10.0	41.75	46.4	3.90	4.26	0	0.02	0.02	0.58	0.01	0
52+02-52+32	30.0	46.00	153.3	12.88	14.37	0	0.07	0.06	1.75	0.05	0
52+32-52+38	6.0	51.75	34.5	2.90	3.74	0	0.01	0.01	0	0.01	0
52+38-52+51	13.0	58.25	84.1	7.07	8.21	0	0.04	0.03	0	0.03	0
52+51-53+82.5	131.5	61.75	902.2	75.79	78.94	0	0.39	0.36	0	0.27	0
53+82.5-55+79	196.5	61.40	1340.6	112.61	117.10	0	0.58	0.54	0	0.40	0
55+79-57+21.5	142.5	56.40	893.0	75.01	76.07	0	0.38	0.36	0	0.27	0
57+21.5-57+34	12.5	51.50	71.5	6.01	5.91	0	0.03	0.03	0	0.02	0
57+34-65+94	860.0	49.15	4696.6	394.51	445.72	0	2.02	1.88	50.17	1.41	0
65+94-67+18	124.0	44.25	609.7	51.21	61.82	0	0.26	0.24	7.23	0.18	0
67+18-70+68	350.0	38.70	1505.0	126.42	147.49	0	0.65	0.60	40.83	0.45	0
70+68-71+85.5	117.5	43.60	569.2	47.81	59.00	0	0.24	0.23	6.85	0.17	0
71+85.5-73+76	190.5	49.00	1037.2	87.12	102.00	0	0.45	0.41	11.11	0.31	0
73+76-73+88	12.0	50.40	67.2	5.64	7.00	0	0.03	0.03	0.70	0.02	0
73+88-74+85.5	97.5	51.80	561.2	47.14	55.00	0	0.24	0.22	5.69	0.17	0
74+85.5-76+31	145.5	48.0	775.2	65.12	75.00	0	0.33</				



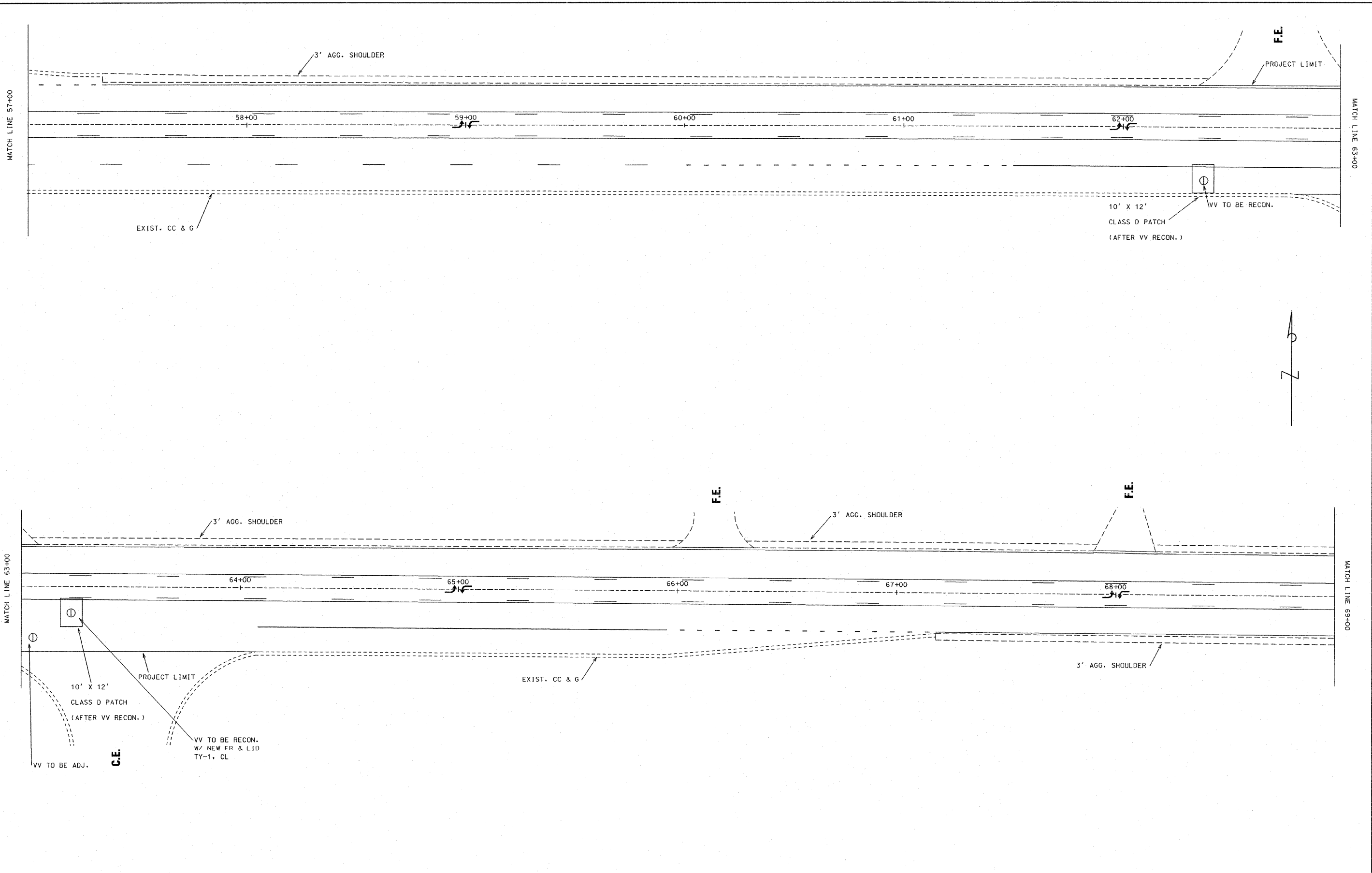
FILE NAME = #FILEL#	USER NAME = #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEETS			F.A. RTE. 5345	SECTION 09-00139-01-RS	COUNTY DEKALB	TOTAL SHEETS 19	SHEET NO. 8
	PLOT SCALE = #SCALE#	DRAWN -	REVISED -		SCALE: 1"=20'	SHEET NO.	OF SHEETS	STA. 21+00	TO STA. 33+00	CONTRACT NO. 87400		
	PLOT DATE = #DATE#	CHECKED -	REVISED -							ILLINOIS FED. AID PROJECT		
		DATE -	REVISED -									



FILE NAME = #FILE#	USER NAME = #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEETS			F.A. RTE. 5345	SECTION 09-00139-01-RS	COUNTY DEKALB	TOTAL SHEETS 19	SHEET NO. 9
	PLOT SCALE = #SCALE#	CHECKED -	REVISED -					SCALE: 1"=20' SHEET NO. OF SHEETS STA. 33+00 TO STA. 46+00			CONTRACT NO. 87400	
PLOT DATE = #DATE#	DATE -	REVISED -	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							



FILE NAME = #FILE#	USER NAME = #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLANS SHEETS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -			5345	09-00139-01-RS	DEKALB	19	10	
		CHECKED -	REVISED -			CONTRACT NO. 87400					
		DATE -	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					
					SCALE: 1"=20'	SHEET NO. OF SHEETS		STA. 46+00 TO STA. 57+00			

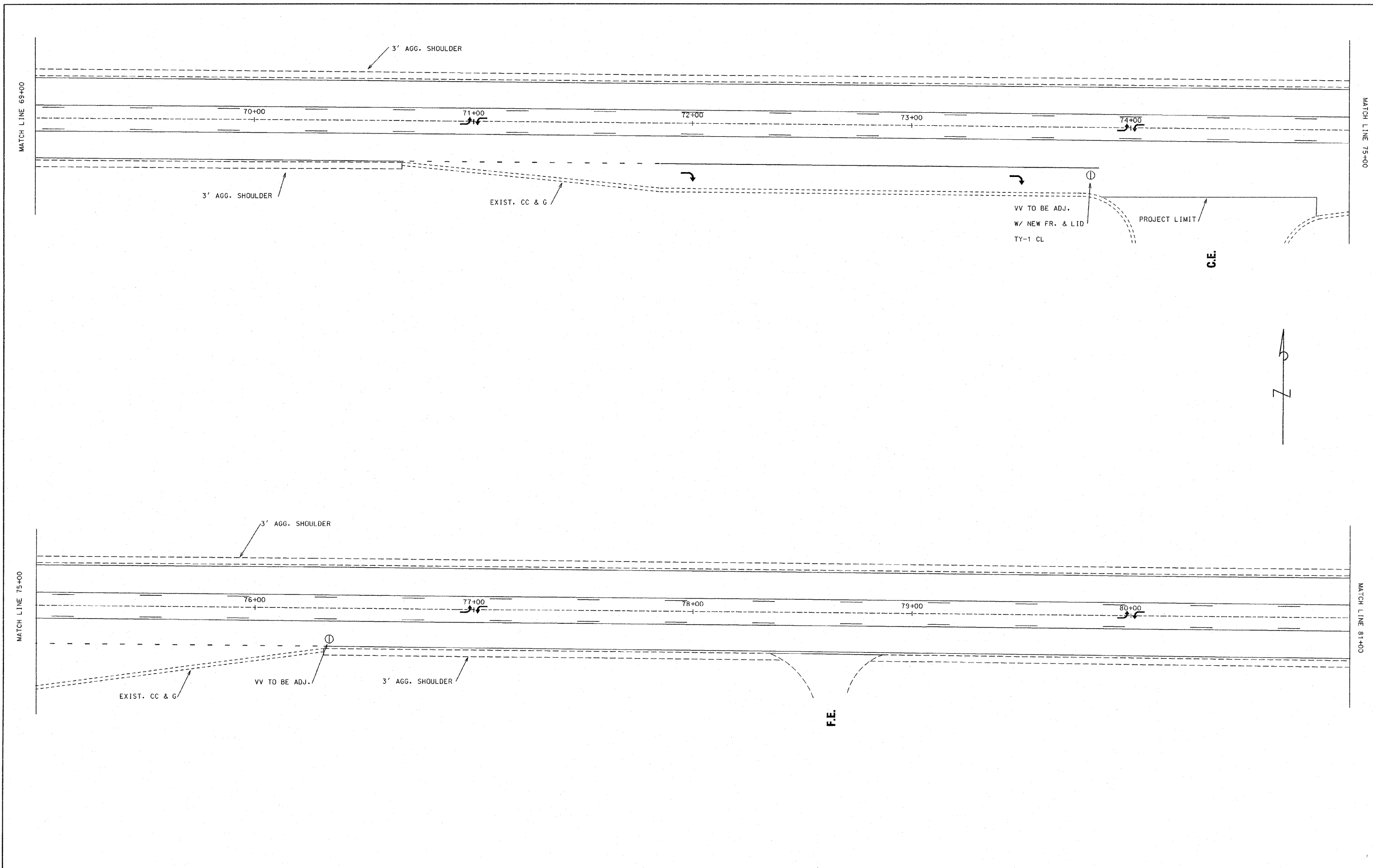


FILE NAME - #FILE#	USER NAME - #USER#	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLANS SHEETS			
SCALE: 1"=20'	SHEET NO.	OF SHEETS	STA. 57+00 TO STA. 69+00

F.A. RTE. 5345	SECTION 09-00139-01-RS	COUNTY DEKALB	TOTAL SHEETS 19	SHEET NO. 11
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 87400				

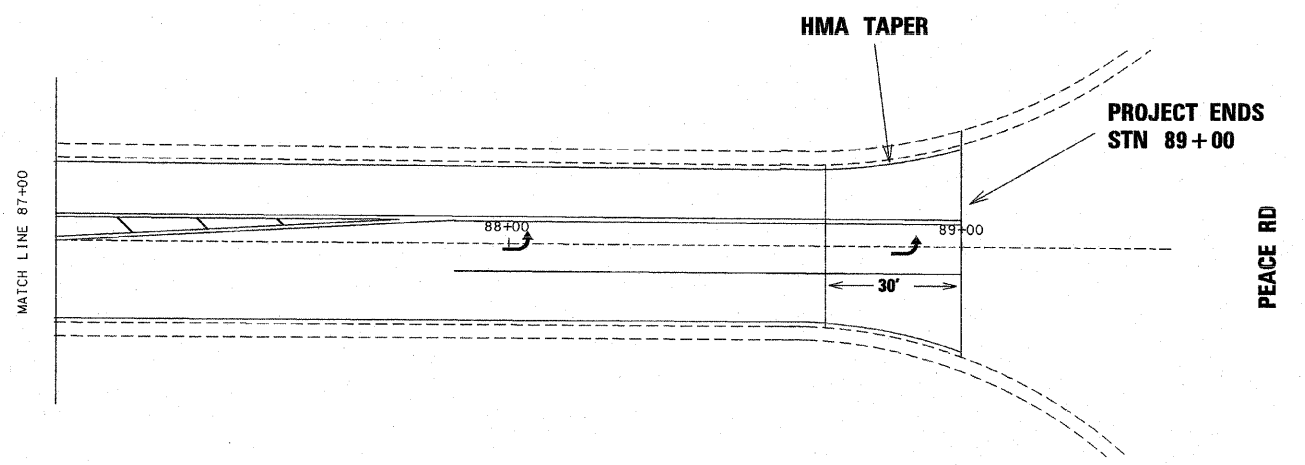
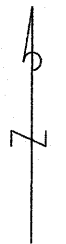
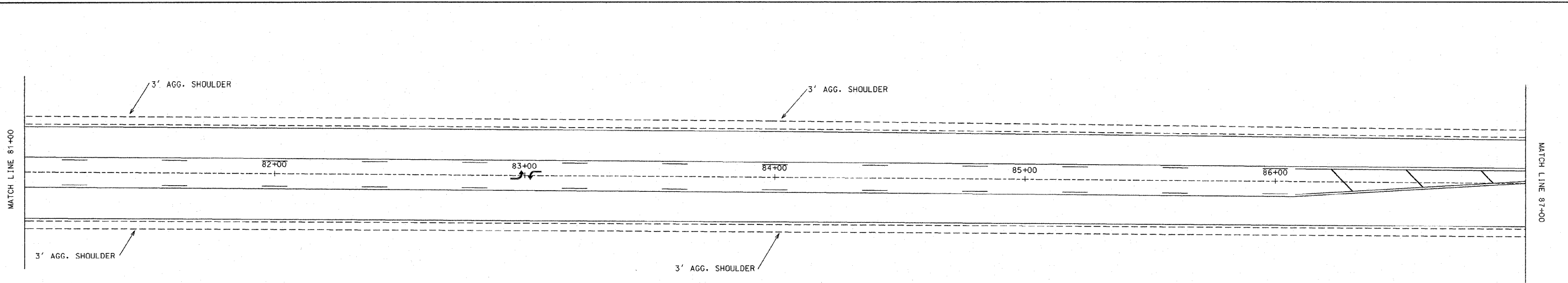


FILE NAME =	USER NAME = #USER#	DESIGNED	REVISED
#FILE#		DRAWN -	REVISED -
	PLOT SCALE = #SCALE#	CHECKED -	REVISED -
	PLOT DATE = #DATE#	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS			
SCALE: 1"=20'	SHEET NO.	OF SHEETS	STA. 69+00 TO STA. 81+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5345	09-00139-01-RS	DEKALB	19	12
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
CONTRACT NO. 87400				



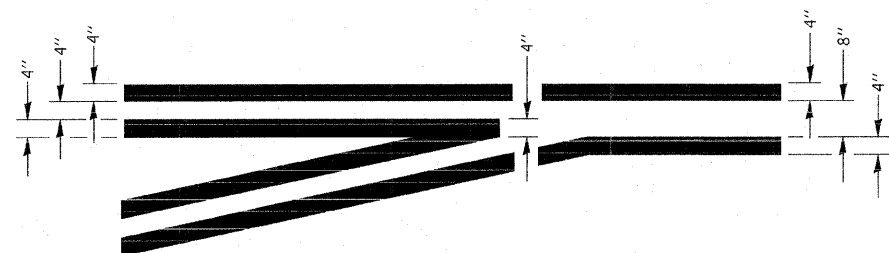
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#FILEL#		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE = #DATE#	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

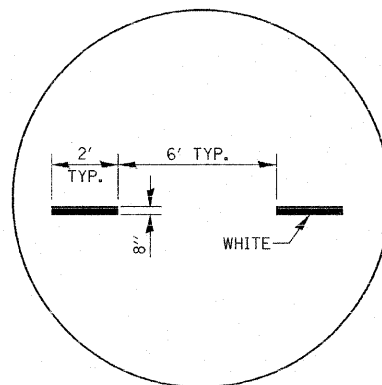
PLAN SHEETS

SCALE: 1"=20' SHEET NO. OF SHEETS STA. 81+00 TO STA. 89+00

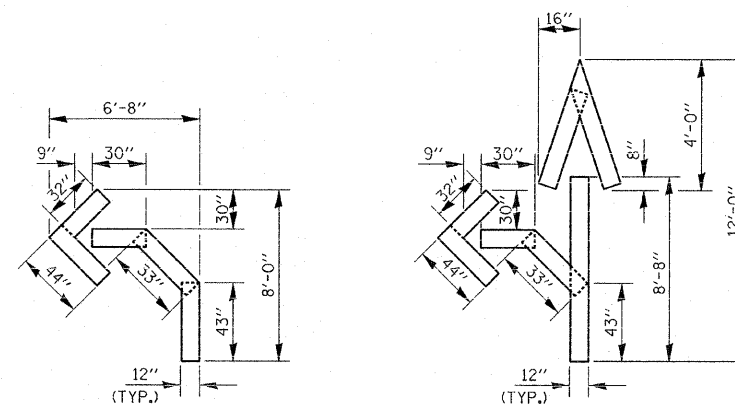
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5345	09-00139-01-RS	DEKALB	19	13
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 87400	



**TYPICAL APPLICATION
@ LEFT TURN LANES** 780-1

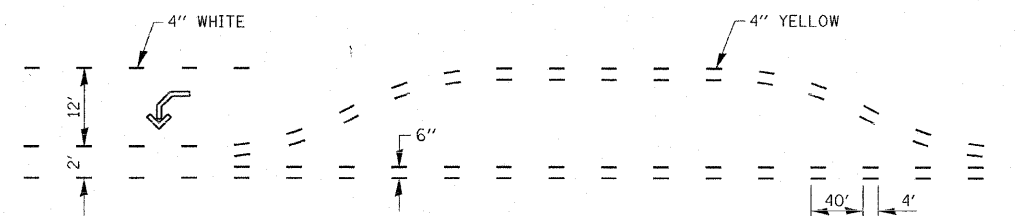


**ADVANCE AND INTERSECTION LANE
DIVIDER LINES**
780-5



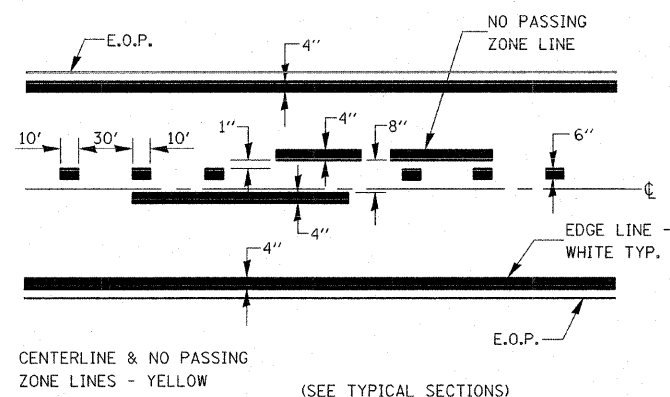
QUANTITY
12" LINE = 16 LIN. FT.
OR 4" LINE = 48 LIN. FT.

QUANTITY
12" LINE = 29 LIN. FT.
OR 4" LINE = 87 LIN. FT.



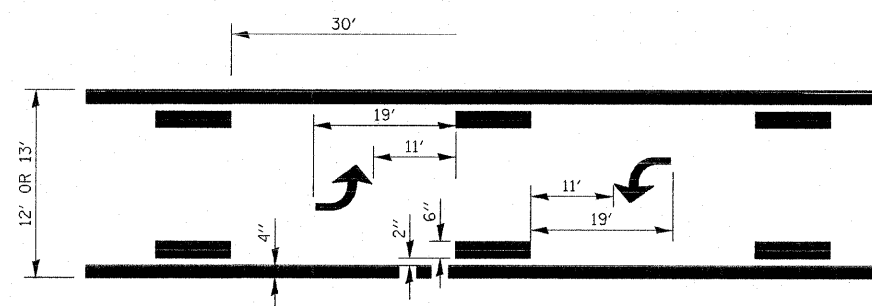
**SHORT-TERM PAVEMENT MARKING
FOR MEDIANS AND ARROWS**

703-1



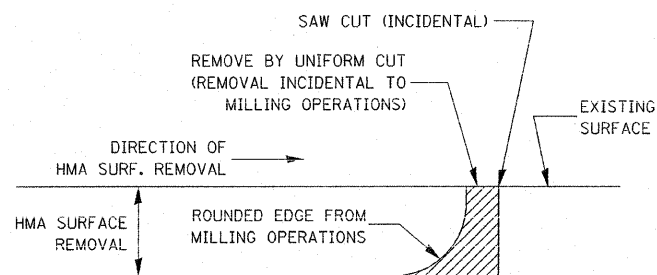
PAVEMENT MARKING

780-8



**TYPICAL APPLICATION @
BI-DIRECTIONAL TURN LANE** 780-2

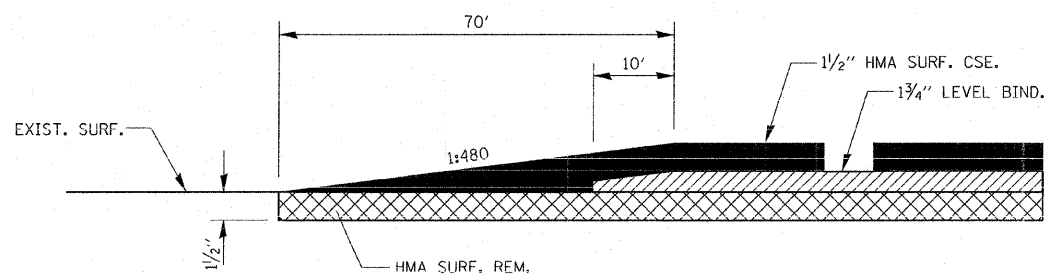
FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAILS			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILEL#		DRAWN -	REVISED -					5345	09-00139-01-RS	DEKALB	19	14
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	PLOT DATE = #DATE#	DATE -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	



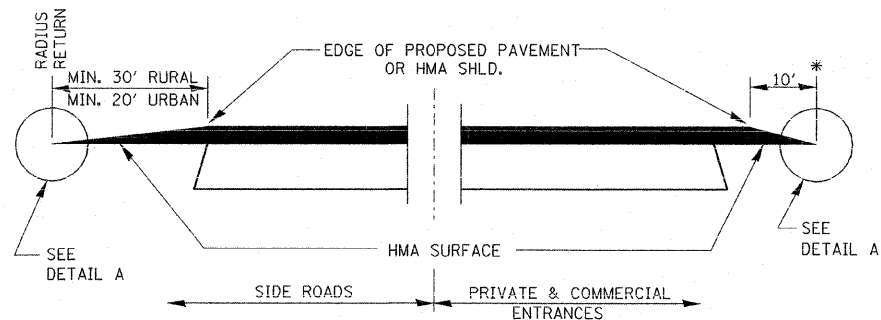
NOTE:
 WHEN MILLING OPERATIONS PRODUCE A ROUNDED EDGE, THEN A SAW CUT SHALL BE USED TO MANUFACTURE A PERPENDICULAR EDGE AS SHOWN IN THE DETAIL. THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING THE USE OF THIS DETAIL.

HMA DETAIL AT BUTT JOINTS

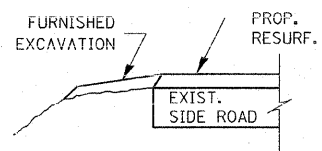
406-8



HMA RAMP DETAIL

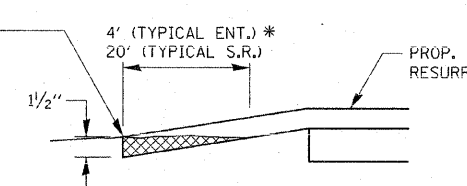


**SECTION A-A
 DETAILS AT ENTRANCES & SIDE ROADS**

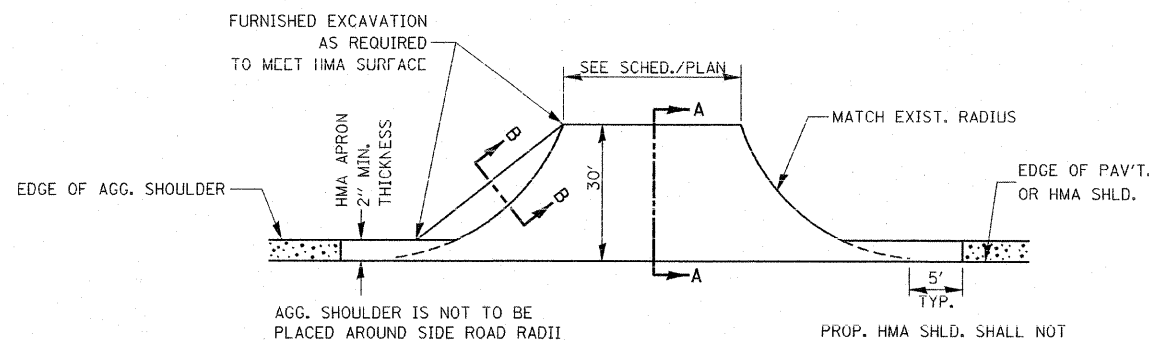


SECTION B-B

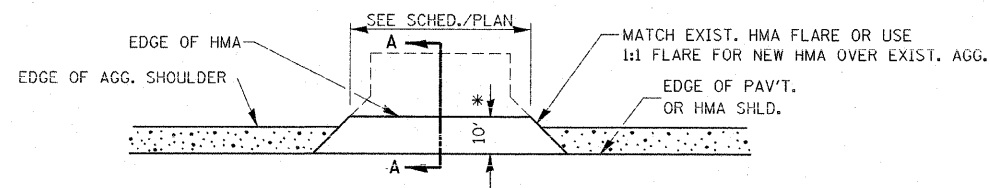
THE COST OF REMOVAL AT EXISTING HMA OR P.C.C. LOCATIONS SHALL BE PAID FOR PER SQ. YD. BY THE APPROPRIATE PAY ITEM. REMOVAL AT THE EXISTING AGG. LOCATIONS SHALL BE INCIDENTAL TO THE HMA. A-3 LOCATIONS SHALL BE FEATHER TAPERED.



DETAIL A



PLAN AT SIDE ROADS



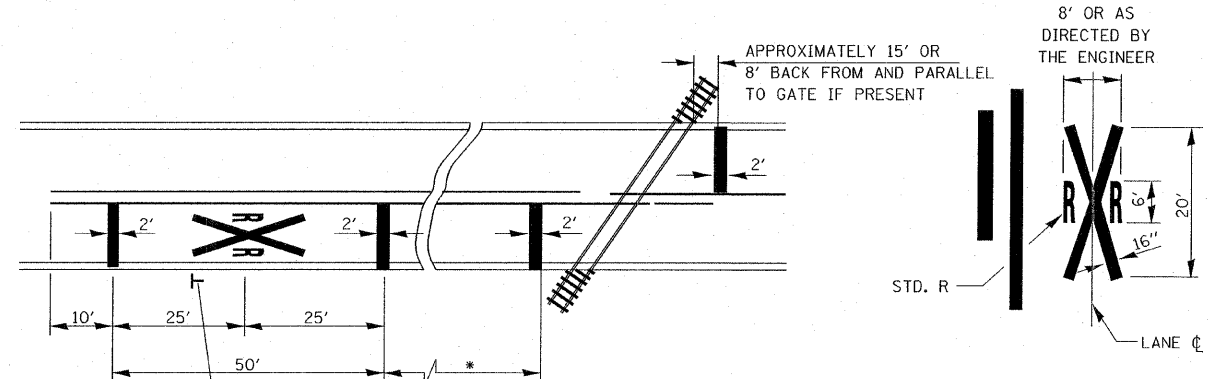
PLAN AT PRIVATE & COMMERCIAL ENTRANCES

(DO NOT RESURFACE FIELD ENTRANCES)

* PROPOSED HMA RESURFACING AT PUBLIC EDUCATIONAL FACILITY ENTRANCES SHALL BE EXTENDED TO THE RIGHT-OF-WAY LIMITS.

406-2

FILE NAME =	USER NAME = *USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAILS			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN -	REVISED -					5345	09-00139-01-RS	DEKALB	19	15
PLOT SCALE = #SCALE#		CHECKED -	REVISED -		CONTRACT NO. 87400							
PLOT DATE = *DATE*		DATE -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	



PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING

* MINIMUM DISTANCE
 400' FOR 55 MPH
 250' FOR 45 MPH
 100' FOR 35 MPH OR LESS

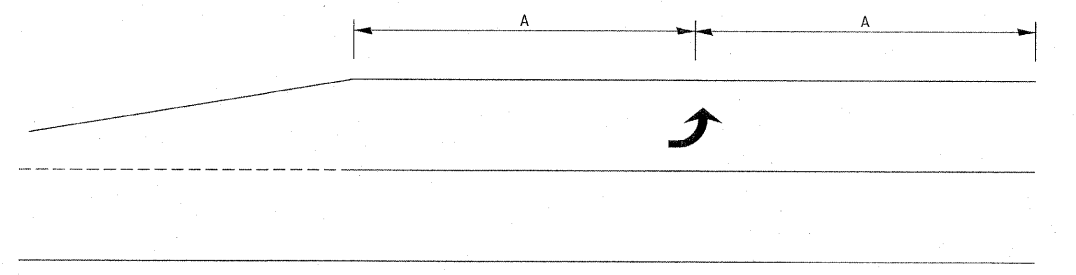
(W10-1)

NOTES:
 THE TRANSVERSE SPREAD OF THE "X" MAY VARY ACCORDING TO LANE WIDTH.

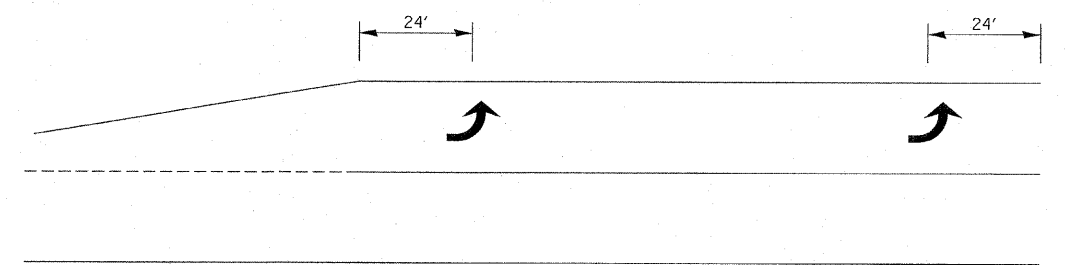
ON MULTI-LANE ROADS, THE STOP LINES SHALL EXTEND ACROSS ALL APPROACH LANES AND SEPARATE RXR SYMBOLS SHALL BE PLACED ADJACENT TO EACH OTHER IN EACH LANE.

WHEN THE PAVEMENT MARKING SYMBOL IS USED, A PORTION OF THE SYMBOL SHOULD BE LOCATED DIRECTLY ADJACENT TO THE ADVANCE WARNING SIGN (W10-1).

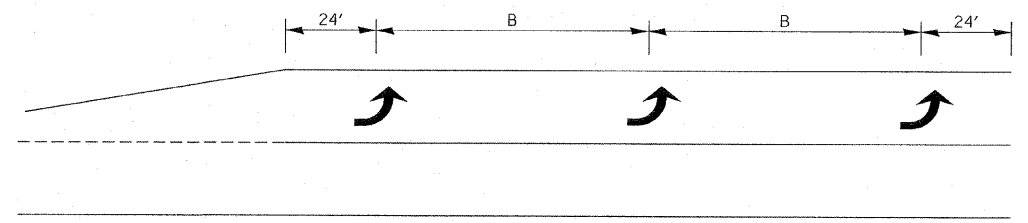
780-15



99' AND UNDER



100' TO 149'

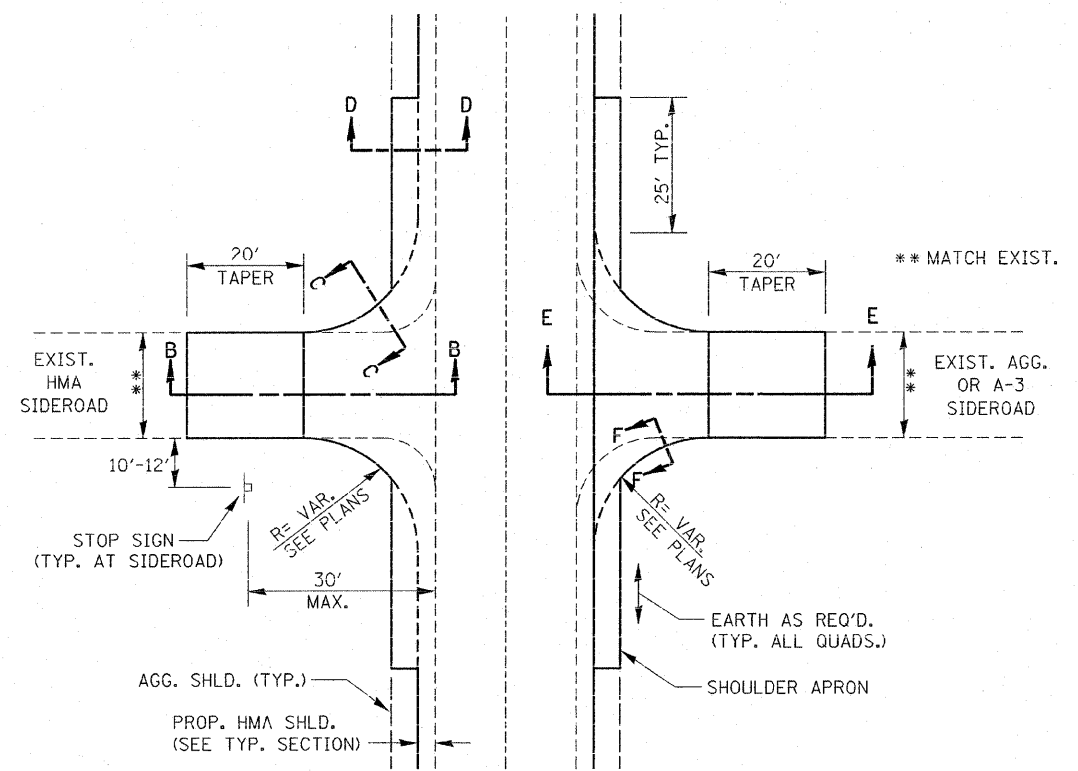


150' AND LONGER

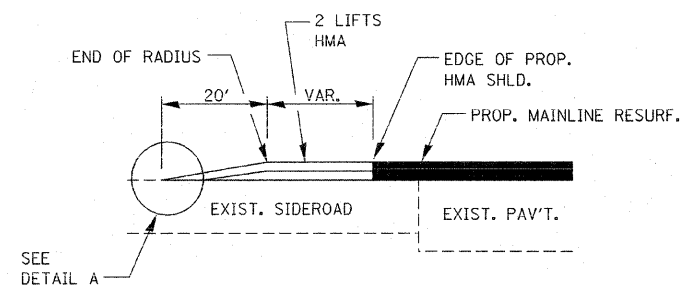
TYPICAL PLACEMENT OF ARROWS IN TURN LANES

780-10

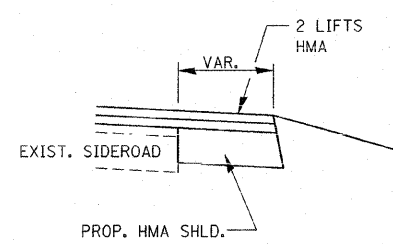
FILE NAME = #FILE#	USER NAME = #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAILS				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						5345	09-00139-01-RS	DEKALB	19	16
		CHECKED -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	CONTRACT NO. 87400			
		DATE -	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT								



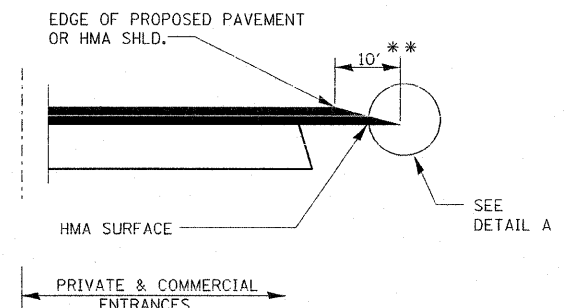
SIDEROAD DETAIL



SECTION B-B

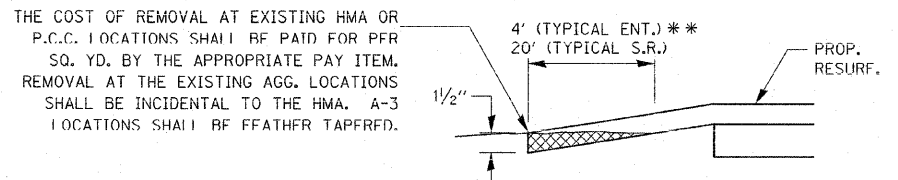


SECTION C-C



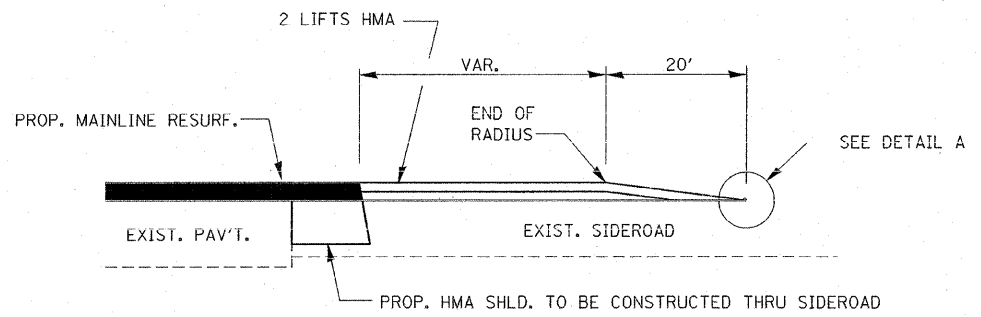
SECTION A-A

DETAILS AT ENTRANCES

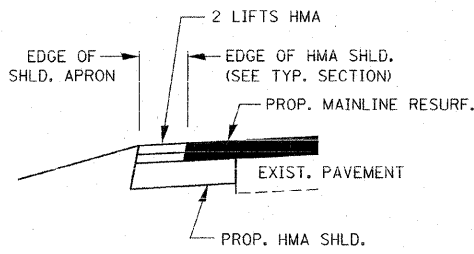


DETAIL A

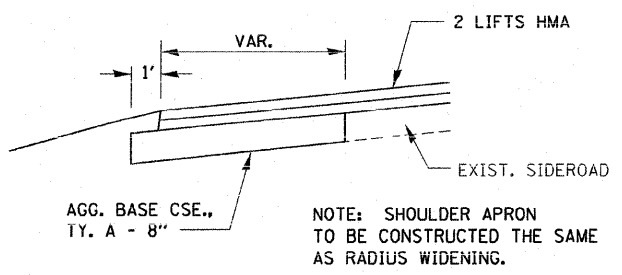
** PROPOSED HMA RESURFACING AT PUBLIC EDUCATIONAL FACILITY ENTRANCES SHALL BE EXTENDED TO THE RIGHT-OF-WAY LIMITS.



SECTION E-E

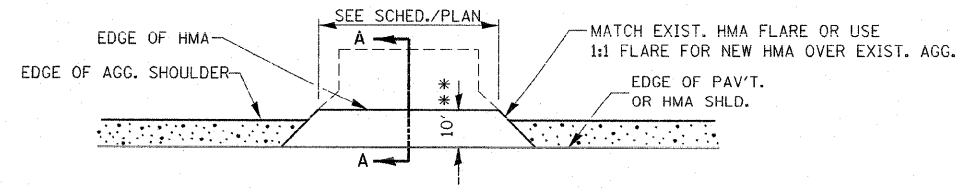


SECTION D-D



SECTION F-F

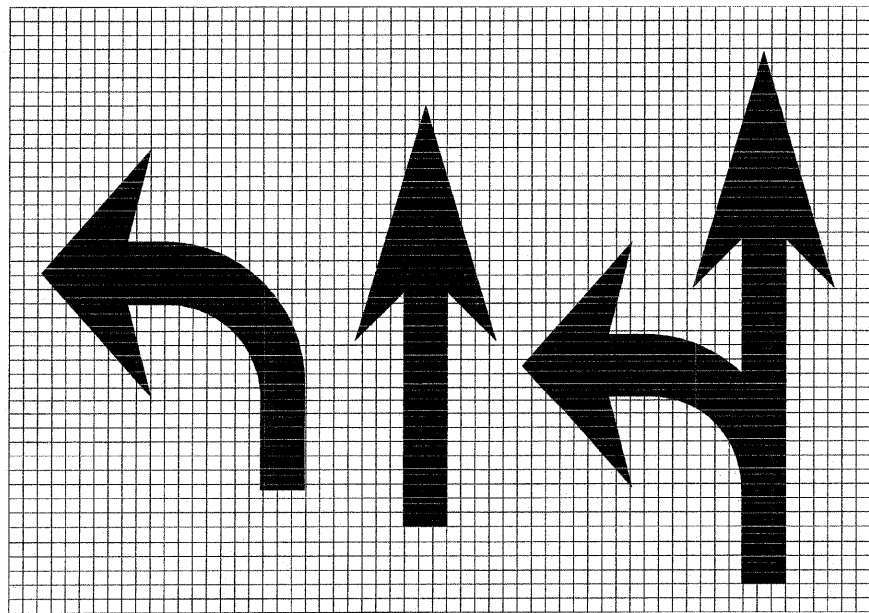
NOTE: SHOULDER APRON TO BE CONSTRUCTED THE SAME AS RADIUS WIDENING.



PLAN AT PRIVATE & COMMERCIAL ENTRANCES

(DO NOT RESURFACE FIELD ENTRANCES)

FILE NAME * #FILEL#	USER NAME * #USER#	DESIGNED - DRAWN -	REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAILS				F.A. RTE. 5345	SECTION 09-00139-01-RS	COUNTY DEKALB	TOTAL SHEETS 19	SHEET NO. 17
	PLOT SCALE * #SCALE#	CHECKED -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	CONTRACT NO. 87400		
	PLOT DATE * #DATE#	DATE -	REVISED -		FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT								



LEGEND HEIGHT	ARROW SIZE	a
6"	SMALL	2.9
8"	LARGE	3.8

THE SPACE BETWEEN ADJACENT LETTERS OR NUMERALS SHOULD BE APPROXIMATELY 3' FOR 6' LEGEND AND 4' FOR 8' LEGEND.

LETTER AND ARROW GRID SCALE

780-20

SIGN LEGEND

24" x 30"			21" x 15"		24" x 24"
	R2-1	M6-6A		M1-1100	
24" x 24"			48" x 24"		21" x 15"
	R5-1102	W1-7		M6-4	
12" x 18"			30" x 30"		
	R7-1	W3-3			
30" x 30"			30" x 30"		
	S3-1	R3-7			
30" x 30"			30" x 30"		
	W10-1	W3-5			
21" x 15"			21" x 15"		
	M6-6	M2-1			

FILE NAME = #FILE#	USER NAME = #USER#	DESIGNED - DRAWN -	REVISED - REVISED -
	PLOT SCALE = #SCALE#	CHECKED -	REVISED -
	PLOT DATE = #DATE#	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETAILS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5345	09-00139-01-RS	DEKALB	19	19
CONTRACT NO. 87400				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				