

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

IL 14 (FAP 855)
SECTION (11,12)RS-3
PROJECT F-0855(007)
PATCH AND RESURFACE
WHITE COUNTY

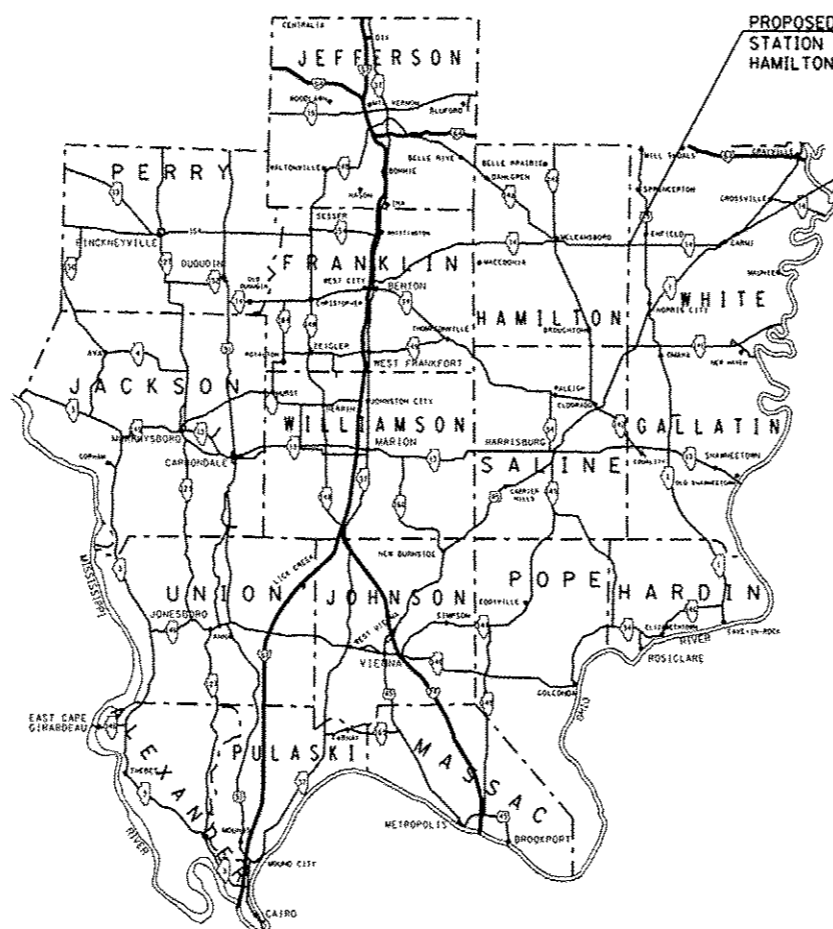
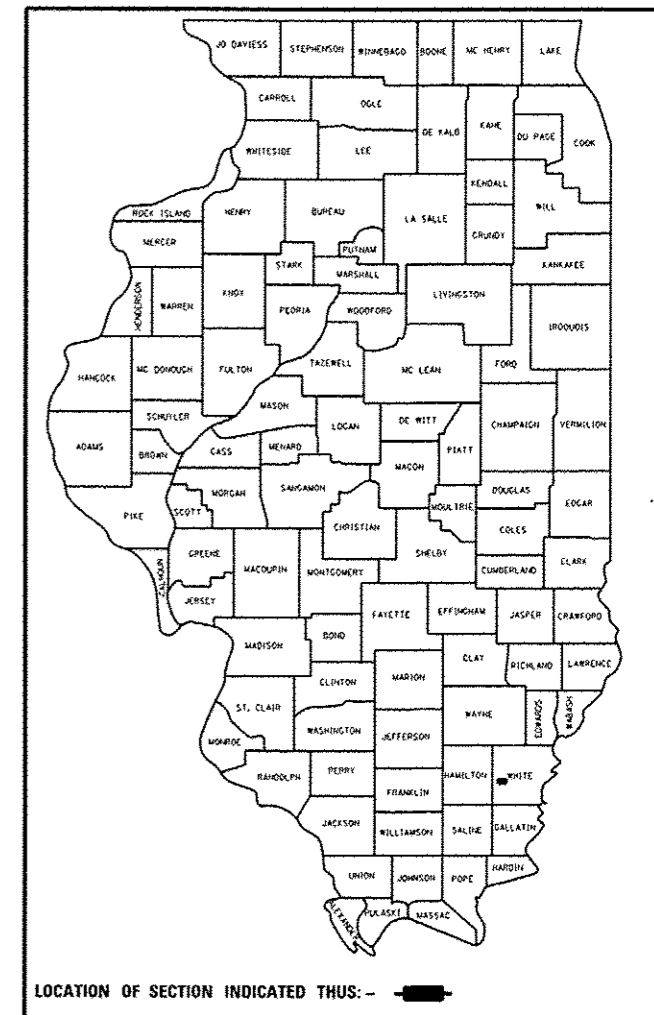
C-99-033-12

FOR INDEX OF SHEETS, SEE SHEET NO. 2
FOR SUMMARY OF QUANTITIES, SEE SHEETS 4-6

LOCATION	ADT(2012)	SU	MU
IL 14 (FAP 855)	6,200	291	170

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
14	(11,12)RS-3	WHITE	21	1
		ILLINOIS	CONTRACT NO. 78305	

D-99-029-12



STATION EQUATIONS

STA. 0A+00 BK	=	STA. 0+00 AH
STA. 13+34.3 BK	=	STA. 13+58.6 AH
STA. 44+29.7 BK	=	STA. 44+45.6 AH
STA. 348+41.58 BK	=	STA. 348+41.7 AH
STA. 445+16.65 BK	=	STA. 445+18.7 AH



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 SEAN GREENLEE
PROJECT MANAGER SUSAN POE

CONTRACT NO. 78305

GROSS LENGTH = 60,313.6 FT. = 11.42 MILES
NET LENGTH = 60,136.1 FT. = 11.39 MILES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED Dec 19th 2012

James J. [Signature]
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

May 10 2013
John D. Baranzelli, P.E.
ENGINEER OF DESIGN AND ENVIRONMENT

May 10 2013
Omair Osman, P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS**

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STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
442201-03	CLASS C AND D PATCHES
482011-03	HMA SHLD. STRIPS/SHLDS. WITH RESURFACING OR WIDENING, AND RESURFACING PROJECTS
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-04	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701011-03	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-04	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-03	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY FOR SPEEDS ≥ 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701336-06	LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES FOR SPEEDS ≥ 45 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701901-02	TRAFFIC CONTROL DEVICES
780001-03	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATORS RAISED REFLECTIVE PAVEMENT MARKERS

COMMITMENTS

NONE

GENERAL NOTES

- THE THICKNESS OF HOT MIX ASPHALT 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 HOT MIX ASPHALT IS PLACED.
- FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:

ALL HOT MIX ASPHALT	2.016 TONS/CU YD
ALL AGGREGATE	2.05 TONS/CU YD
BITUMINOUS MATERIALS:	
ON PAVEMENT	0.09 GAL/SO YD
INTERMEDIATE LIFTS (FOG COATS)	0.04 GAL/SO YD
ON AGGREGATE SURFACE	0.32 GAL/SO YD
AGGREGATE (PRIME COAT)	0.0015 TONS/SO YD
RIPRAP	1.50 TONS/CU YD
- THE QUANTITY OF SHORT TERM PAVEMENT MARKING SHOWN IN THE PLANS IS BASED ON ONE APPLICATION EACH FOR THE PRIME COAT, SURFACE COURSE, AND BINDER COURSE.
- ATTAINMENT OF PROPER CROWN OR SUPERELEVATION SHALL BE FULLY ACCOMPLISHED WITH THE HOT MIX ASPHALT SURFACE REMOVAL OR HOT MIX ASPHALT BINDER COURSE OR LEVELING BINDER, WHEN SPECIFIED.
- AFTER A LIFT OF BITUMINOUS CONCRETE HAS BEEN PLACED ON A LANE, THAT LANE SHALL REMAIN CLOSED TO TRAFFIC UNTIL THE NEW MAT HAS COOLED TO 150°
- PRIOR TO PLACEMENT OF THE FINAL PAVEMENT MARKINGS THE RESIDENT ENGINEER SHOULD CONTACT THE BUREAU OF OPERATIONS AND ARRANGE FOR INSPECTION AND APPROVAL OF THE PAVEMENT MARKING LAYOUT.
- THE CONTRACTOR SHALL STAMP STATIONING IN THE PROPOSED HOT MIX ASPHALT SURFACE AT 300 FT. INTERVALS ON ALTERNATING SIDES OF THE PAVEMENT AND AS DIRECTED BY THE ENGINEER. THE STATION SYMBOL STAMPS USED SHALL BE FURNISHED BY THE CONTRACTOR. THEY SHALL BE (5 1/2 IN.) TALL, OF A DESIGN APPROVED BY THE ENGINEER, AND SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.
- NO VIBRATORY ROLLER SHALL BE USED IN PAVING OPERATIONS EAST OF THE RURAL/URBAN LIMIT (STATION 77+32).

STRUCTURES WITHIN PROJECT LIMITS

SN 097-7085
SN 097-7084
SN 097-7083
SN 097-7082
SN 097-7081
SN 097-7080
SN 097-7079
SN 097-7078

NO MTD OR OVERLAY REQUEST REQUIRED DUE TO CONDITION/SPAN/COVER

SN 097-2013
SN 097-0066 OMIT
SN 097-0068 OMIT

MTD ALLOWANCE

MTD IS ALLOWED EMPTIED OVER STRUCTURE 097-2013
MTD IS ALLOWED LOADED OVER STRUCTURES 097-0068 & 097-0066

STRUCTURE DEAD LOAD APPROVAL

STRUCTURE NO.	STATION	APPROVED OVERLAY	OVERLAY THICKNESS
097-2013	283+14.49	YES	2 1/4"

FILE NAME :	USER NAME : greenleem	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, STANDARDS, GENERAL NOTES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
en:\pwork\p\dot\greenleem\0315130\78005-sht-plan.dgn	DRAWN -	REVISED -	14			(11.12)RS-3	WHITE	21	2	
PLOT SCALE = 100.0000 / 1"	CHECKED -	REVISED -	CONTRACT NO. 78305							
PLOT DATE = 12/17/2012	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							
				SCALE:	SHEET OF SHEETS	STA.	TO STA.			

Prepared By: *Joe Staniewicz*
DISTRICT STUDIES & PLANS ENGINEER

Examined By: *John S.*
DISTRICT LAND ACQUISITION ENGINEER

Examined By: *Connie Nelson*
DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By: *Keith Kelly*
DISTRICT OPERATIONS ENGINEER

Examined By: *Dan J. Melish*
DISTRICT CONSTRUCTION ENGINEER

Examined By: *Brian Poplar*
DISTRICT MATERIALS ENGINEER

Examined By: *[Signature]*
DISTRICT PROJECT IMPLEMENTATION ENGINEER

Approved By: *Tommy J.*
DEPUTY DIRECTOR OF HIGHWAYS, REGION 5 ENGINEER

Dec 19th 2012
DATE

MIXTURES REQUIREMENTS

Location(s):	Hot-Mix Asphalt Surface Course
Mixture Use(s):	Hot-Mix Asphalt Surface Course, Mix D, N90
AC/PG:	PG64-22
RAP % (Max):	SEE SPECIAL PROVISIONS
Design Air Voids:	4.0 %, 90 Gyration Design
Mixture (Gradation Mixture):	IL-9.5 mm or IL12.5 mm
Friction Aggregate:	D Surface

Location(s):	Hot-Mix Asphalt Binder Course
Mixture Use(s):	Hot-Mix Asphalt Leveling Binder, N90, IL-9.5 Fine-Graded
AC/PG:	PG64-22
RAP % (Max):	SEE SPECIAL PROVISIONS
Design Air Voids:	4.0 %, 90 Gyration Design
Mixture (Gradation Mixture):	IL-9.5 FG
Friction Aggregate:	None

Locations	Class D Patching
Mixture Use(s):	Hot-Mix Asphalt Binder Course, N90, IL-19.0
AC/PG:	PG64-22
RAP % (Max):	SEE SPECIAL PROVISIONS
Design Air Voids:	4.0 %, 90 Gyration Design
Mixture (Gradation Mixture):	IL-19.0mm
Friction Aggregate:	None

Locations	Incidental Surfacing
Mixture Use(s):	Hot-Mix Asphalt Surface Course, Mix C, N70
AC/PG:	PG64-22
RAP % (Max):	SEE SPECIAL PROVISIONS
Design Air Voids:	4.0 %, 70 Gyration Design
Mixture (Gradation Mixture):	IL-9.5mm or IL-12.0mm
Friction Aggregate:	C Surface

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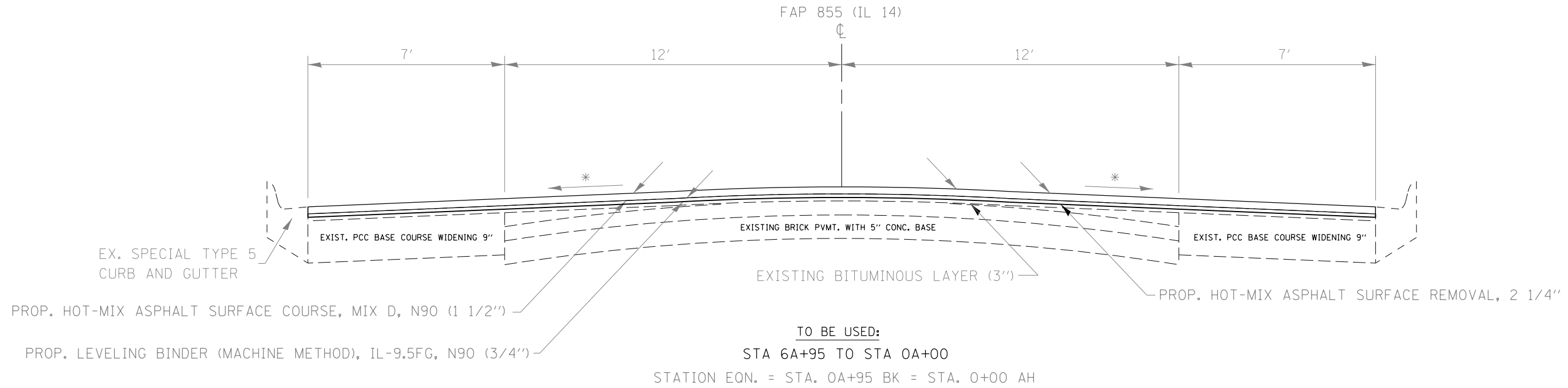
SUMMARY OF QUANTITIES				CONSTRUCTION CODE		
				WHITE		80% FEDERAL 20% CITY
CODE NO.	ITEM	UNIT	COUNTY FUNDING TOTAL QUANTITY	80% FEDERAL	20% STATE	80% FEDERAL 20% CITY
				ROADWAY	ROADWAY	PARKING LANES
				0005	0005	0005
				RURAL	URBAN	URBAN
				M232C	M231, 01	M231, 02
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	34124	28653	4301	1170
40600300	AGGREGATE (PRIME COAT)	TON	565.1	473.6	71.5	20
40600647	LEVELING BINDER (MACHINE METHOD), IL-9. SFG, N90	TON	7809	6550	986	273
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	759	635	124	
40600990	TEMPORARY RAMP	SO YD	2411	706	1705	
40603345	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90	TON	15663	13113	2004	546
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	485	460	25	
44000151	HOT-MIX ASPHALT SURFACE REMOVAL, 1/2"	SO YD	158822	153002	5820	
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SO YD	26273	2220	17552	6501
44200152	PAVEMENT PATCHING, TYPE I, 13 INCH	SO YD	3.6		3.6	
44200156	PAVEMENT PATCHING, TYPE II, 13 INCH	SO YD	1841	1774	67	
44200160	PAVEMENT PATCHING, TYPE III, 13 INCH	SQ YD	121	53	68	
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	2231	2188	43	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	5	1	

SUMMARY OF QUANTITIES				CONSTRUCTION CODE		
				WHITE		
CODE NO.	ITEM	UNIT	COUNTY FUNDING TOTAL QUANTITY	80% FEDERAL	20% STATE	80% FEDERAL 20% CITY
				ROADWAY	ROADWAY	PARKING LANES
				0005	0005	0005
				RURAL	URBAN	URBAN
				M232C	M231L, 01	M231L, 02
67100100	MOBILIZATION	L SUM	1	0.84	0.16	
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	0.84	0.16	
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	0.84	0.16	
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	0.84	0.16	
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	11	9.2	1.8	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	18042	15155	2887	
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	159873	152475	7398	
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	100		100	
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	48	48		
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SO FT	59501	55973	3528	
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	100		100	
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	48	48		
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	159873	152475	7398	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	753	648	105	

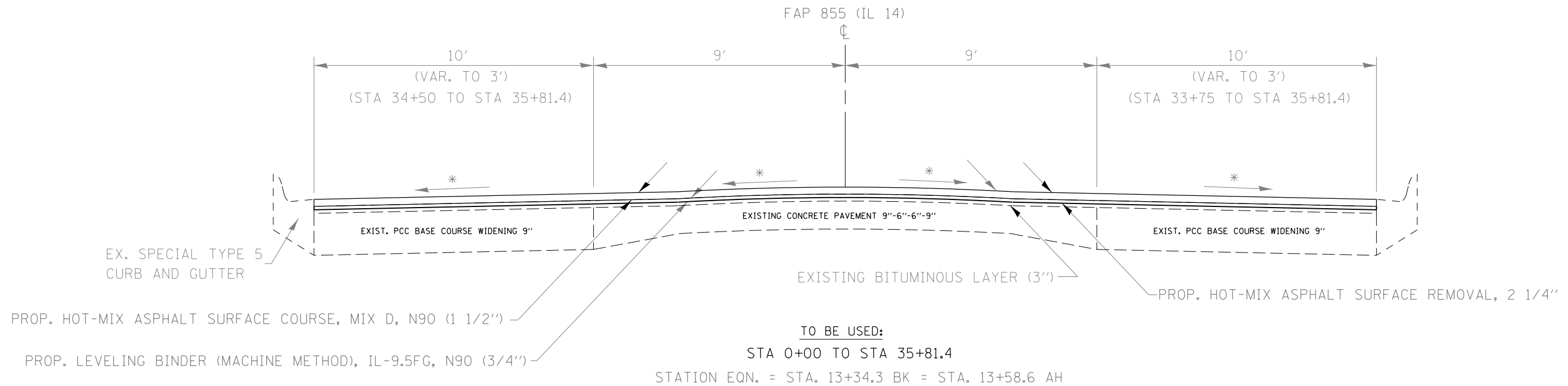
*SPECIALTY ITEM

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PLOT SCALE : 100.0000' / in.	CHECKED -	REVISED -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	CONTRACT NO. 78305	
PLOT DATE : 12/14/2012	DATE -	REVISED -	REVISED -		ILLINOIS FED. AID PROJECT								

TYPICAL SECTIONS



* MATCH EXISTING SLOPE



FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\p\work\p\id\p\uf\fer\ad\0315136\78305-sh\plan.dgn		DRAWN -	REVISED -		855	(11.12)RS-3	WHITE	21	7			
	PLOT SCALE = 4.0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 78305							
	PLOT DATE = 12/19/2012	DATE -	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT				

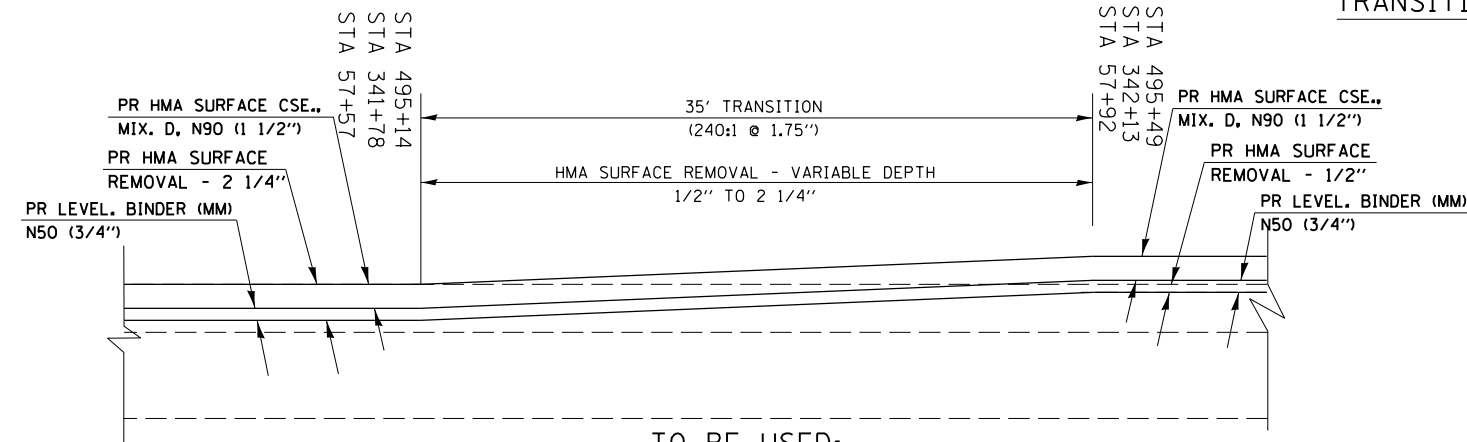
RESURFACING SCHEDULE

LOCATION STATION TO STATION	LENGTH	ROADWAY WIDTH @ BEG. STA.	ROADWAY WIDTH @ END STA.	ROADWAY AREA	HMA SURFACE REMOVAL, 2 1/4"	HMA SURFACE REMOVAL, 1/2"	HMA SURFACE REMOVAL, VARIABLE DEPTH	HOT-MIX ASPHALT SURFACE COURSE, MIX D, N90	HOT-MIX ASPHALT LEVELING BINDER, N90, IL-9.5 FINE GRADED	BITUMINOUS MATERIALS (PRIME COAT)	AGGREGATE (PRIME COAT)	AGGREGATE WEDGE SHOULDER, TYPE B	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	TEMP RAMP	RUMBLE STRIP	REMARKS
	FOOT	FOOT	FOOT	SQ YD	SQ YD	SQ YD	SQ YD	TON	TON	GAL	TON	TON	SQ YD	SQ YD	EACH	
ILLINOIS 14 (FAP 855)																
URBAN																
6A+95 TO 0+00	695.00	38.0	38.0	2934.44	2,934			246.5	123.2	528	8.8			20		
0+00 TO 13+34.3 BK	1334.30	38.0	38.0	5633.71	5,634			473.2	236.6	1014	16.9					
13+58.6 AH TO 33+75	2016.40	38.0	38.0	8513.69	8,514			715.1	357.6	1532	25.5					
33+75 TO 34+50	75.00	38.0	35.8	307.50	308			25.8	12.9	55	0.9					
34+50 TO 35+81.4	131.40	35.8	26.0	451.14	451			37.9	18.9	81	1.4					
35+81.4 TO 44+29.7 BK	848.30	26.0	26.0	2450.64	2,451			205.9	102.9	441	7.4					
44+55.6 AH TO 57+10	1254.40	26.0	26.0	3623.82	3,624			304.4	152.2	652	10.9					
57+10 TO 57+57	47.00	26.5	26.5	138.39	138			11.6	5.8	25	0.4	1.1				
57+57 TO 77+32	1975.00	27.0	27.0	5925.00		5,820	105	498.7	248.9	1067	17.8	41.6				
70+50 LT TO 75+05 LT	455.00			487.22				30.7		44	0.7					
RURAL																
77+32 TO 305+65	22833.00	27.0	27.0	68499.00		68,394		5754.9	2877.0	12330	205.5	957.3	105	23		
282+02.2 LT TO 284+24.1 LT	221.90			89.42				5.6		8	0.1					
282+08.8 RT TO 284+17.5 RT	208.70			77.18				4.9		7	0.1					
OMIT SN 097-0066 (STA 305+65 TO STA 307+51)																
307+51 TO 338+27	3076.00	27.0	27.0	9228.00		9,123		776.2	387.6	1661	27.7	133.6	105	23		
338+27 TO 338+62	35.00	27.0	27.0	105.00			105	8.8	4.4	19	0.3	1.6				
338+62 TO 339+51	89.00	24.0	24.0	237.33	237			19.9	10.0	43	0.7			23		
OMIT SN 097-0068 (STA 339+51 TO STA 340+89)																
340+89 TO 341+78	89.00	24.0	24.0	237.33	237			19.9	10.0	43	0.7			23		
341+78 TO 342+13	35.00	27.0	27.0	105.00			105	8.8	4.4	19	0.3	1.6				
342+13 TO 348+41.58 BK	628.58	27.0	27.0	1885.74		1,886		158.4	79.2	339	5.7	28.6				
348+41.7 AH TO 445+16.65 BK	9674.95	27.0	27.0	29024.85		29,025		2438.1	1219.0	5224	87.1	426.9				
445+18.7 AH TO 492+55	4736.30	27.0	27.0	14208.90		14,104		1193.5	596.8	2558	42.6	209.0	105	23		
491+77 RT															1	
492+55 TO 492+90	35.00	27.0	27.0	105.00			105	8.8	4.4	19	0.3	0.8				
492+90 TO 495+14	224.00	27.0	27.0	672.00	672			56.4	28.2	121	2.0					
493+77 RT															1	
495+14 TO 495+49	35.00	27.0	27.0	105.00			105	8.8	4.4	19	0.3	1.6				
495+49 TO 597+06	10157.00	27.0	27.0	30471.00		30,471		2559.6	1279.8	5485	91.4	426.7				
496+85 LT															1	
498+85 LT															1	
506+35 LT															1	
508+35 LT															1	
URBAN SUB-TOTAL					24,053	5,820	105	2,550	1,259	5,440	91	43	0	20	0	
RURAL SUB-TOTAL					1,147	153,002	420	13,023	6,505	27,894	465	2,188	315	115	6	
TOTAL					25,200	158,822	525	15,573	7,764	33,334	556	2,231	315	135	6	

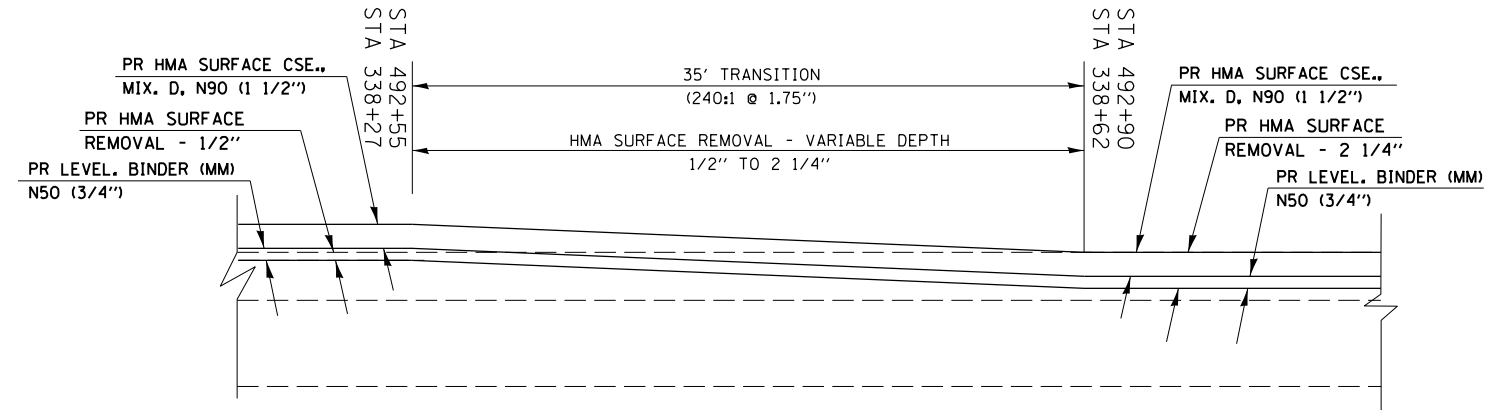
ENTRANCE SCHEDULE

NUMBER / STATION	ENTRANCE TYPE	EXIST. SURFACE	WIDTH AT EOP	OFFSET FROM EOP	WIDTH AT OFFSET	ENTRANCE AREA	INCIDENTAL HMA SURFACING	BITUMINOUS MATERIALS PRIME COAT	AGGREGATE PRIME COAT	TEMP RAMP
			(FEET)	(FEET)	(FEET)	(SQ YD)	(TON)	(GALLON)	(TON)	(SQ YD)
IL 14 (FAP 855)										
URBAN										
INLAYED SECTION										
70	PE + CE	NO IMPROVEMENTS - ONLY A TEMP RAMP CALCULATION (70 x (25' x 7.5')) / 9								1458
OVERLAYED SECTION										
61+05 RT	PE	BIT	38	4	30	15.1	1	1	0.02	32.4
61+10 LT	CE	BIT	80	4	72	33.8	2	3	0.05	32.4
63+79 LT	CE	BIT	80	4	72	33.8	2	3	0.05	32.4
68+23 LT	CE	BIT	80	4	72	33.8	2	3	0.05	32.4
70+30 RT	CE	BIT	80	4	72	33.8	2	3	0.05	32.4
73+72 RT	CE	BIT	80	4	72	33.8	2	3	0.05	32.4
76+15 RT	CE	BIT	80	4	72	33.8	2	3	0.05	32.4
RURAL										
44	PE	AGG	16	4	12	6.2	27	25	0.41	
89+94 LT	PE	BIT	48	4	40	19.6	1	2	0.03	32.4
93+58 LT	PE	BIT	69	4	61	28.9	2	3	0.04	32.4
149+31 LT	PE	CONC.	63	4	55	26.2	2	2	0.04	32.4
152+18 LT	PE	BIT	74	4	66	31.1	2	3	0.05	32.4
235+99 LT	PE	CONC.	50	4	42	20.4	1	2	0.03	32.4
499+41 LT	PE	HMA	63	4	55	26.2	2	2	0.04	32.4
507+11 LT	PE	HMA	58	4	50	24.0	2	2	0.04	32.4
110+58 LT	CE	CONC.	74	4	66	31.1	2	3	0.05	32.4
116+97 LT	CE	CONC.	84	4	76	35.6	2	3	0.05	32.4
249+67 LT	CE	CONC.	79	4	71	33.3	2	3	0.05	32.4
252+21 LT	CE	CONC.	69	4	61	28.9	2	3	0.04	32.4
489+80 RT	CE	AGG	74	15	42	96.7	9	9	0.15	32.4
490+54 RT	CE	AGG	74	15	42	96.7	9	9	0.15	32.4
492+70 RT	CE	AGG	74	15	42	96.7	9	9	0.15	32.4
495+82 RT	CE	BIT	180	4	172	78.2	5	7	0.12	32.4
495+82 LT	CE	AGG	100	15	63	135.8	13	12	0.20	32.4
520+83 RT	CE	AGG	90	15	53	119.2	12	11	0.18	32.4
URBAN SUB-TOTAL							14	20	0.3	1685
RURAL SUB-TOTAL							104	108	1.8	551
TOTAL:							118	128	2.1	2236

TRANSITION DETAILS

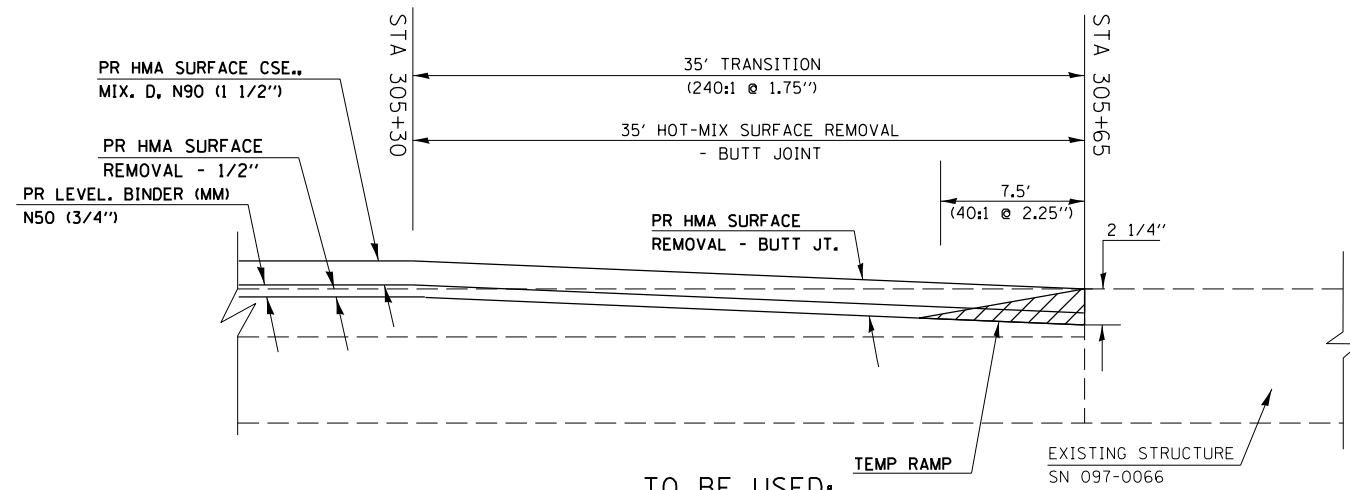


TO BE USED:
 STA 57+57 TO STA 57+92
 STA 341+78 TO STA 342+13
 STA 495+14 TO STA 495+49

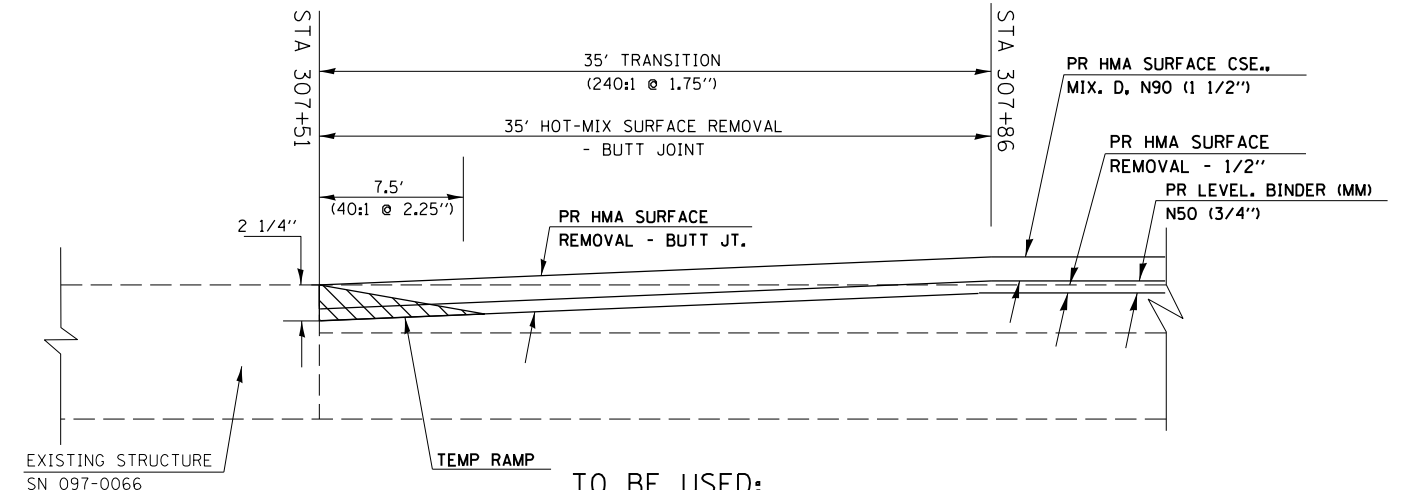


TO BE USED:
 STA 338+27 TO STA 338+62
 STA 492+55 TO STA 492+90

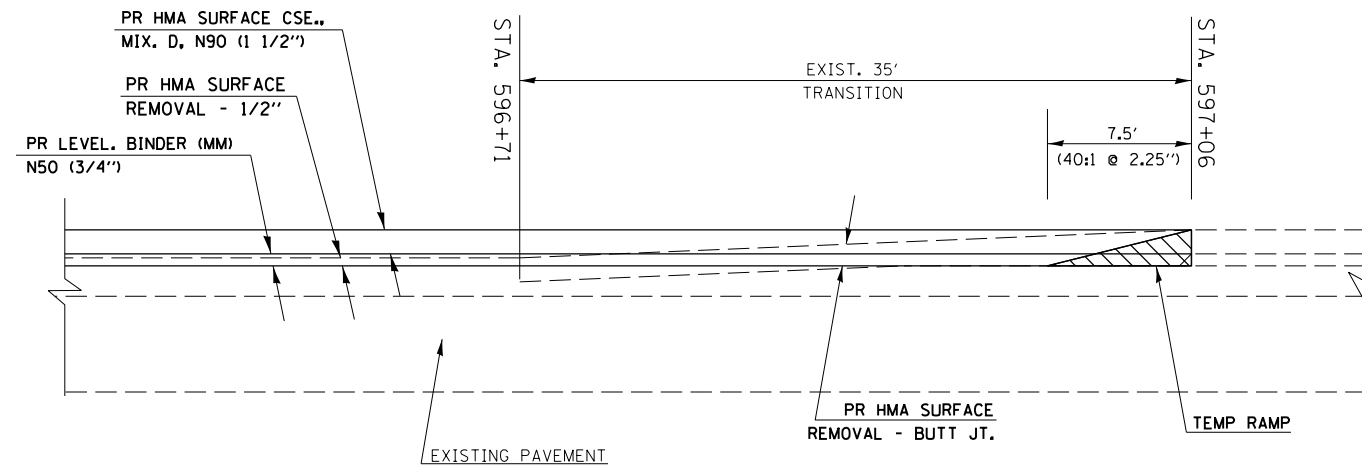
BUTT JOINT DETAILS



TO BE USED:
 STA 305+30 TO STA 305+65



TO BE USED:
 STA 307+51 TO STA 307+86



TO BE USED:
 STA 596+71 TO STA 597+06

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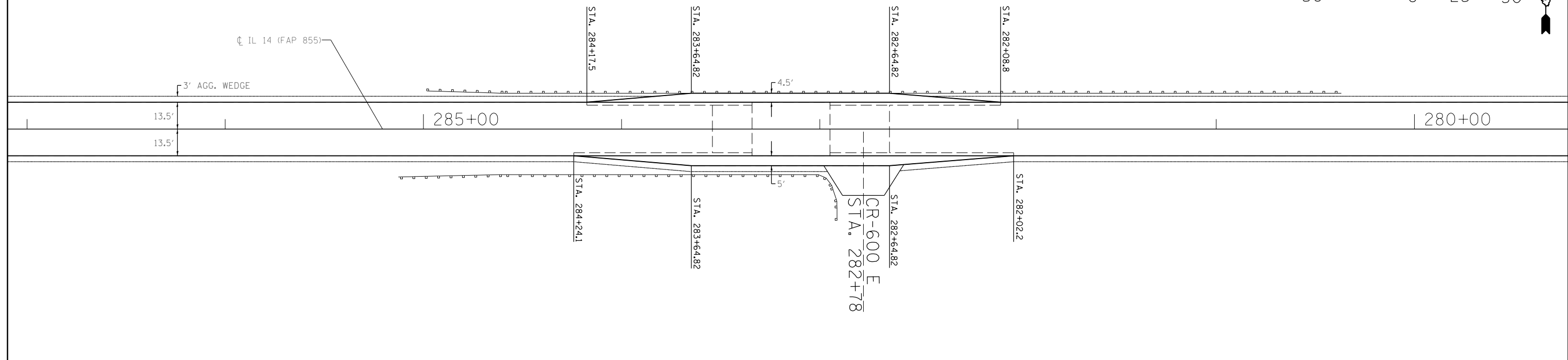
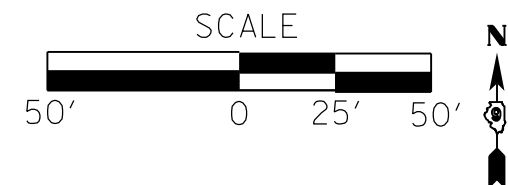
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DETAIL: TRANSITIONS; BUTT JOINTS

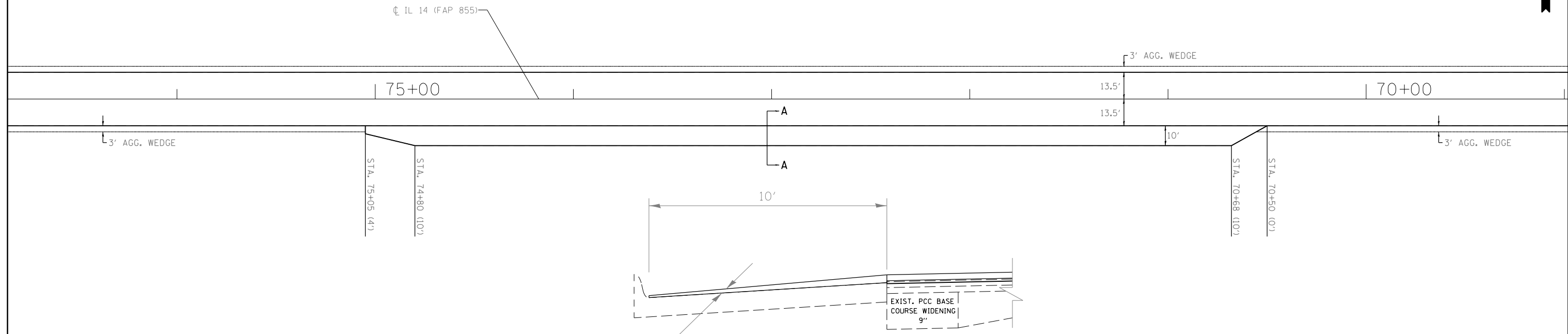
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
855	(11.12)RS-3	WHITE	21	16
CONTRACT NO. 78305				
ILLINOIS FED. AID PROJECT				

PAVING DETAIL STRUCTURE # 097-2013



PAVING DETAIL STA. 70+50 TO 75+05



PROP. HOT-MIX ASPHALT SURFACE COURSE, MIX D, N90 (VAR. 1 3/4" TO 1/2")

SECTION A-A

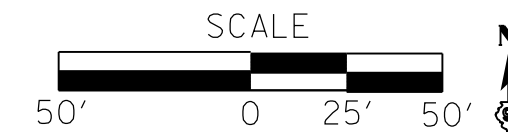
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\$MODELNAME\$	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/19/2012	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

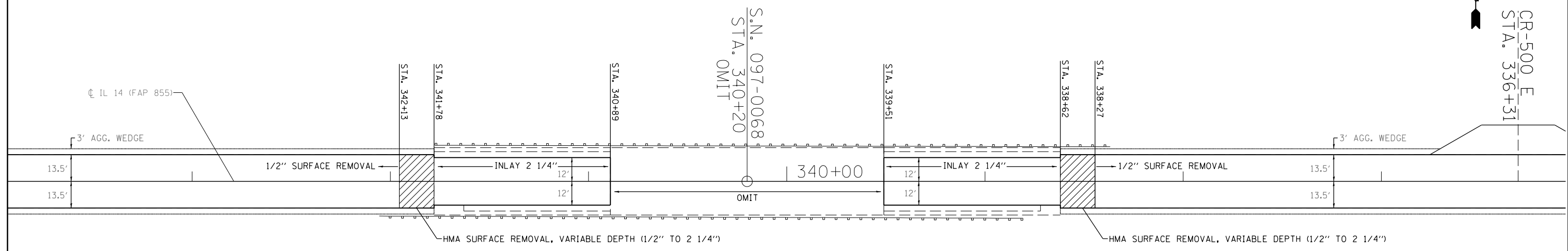
DETAIL: STRUCTURE 097-2013; SHOULDER			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
855	(11.12)RS-3	WHITE	21	18
CONTRACT NO. 78305				
ILLINOIS FED. AID PROJECT				

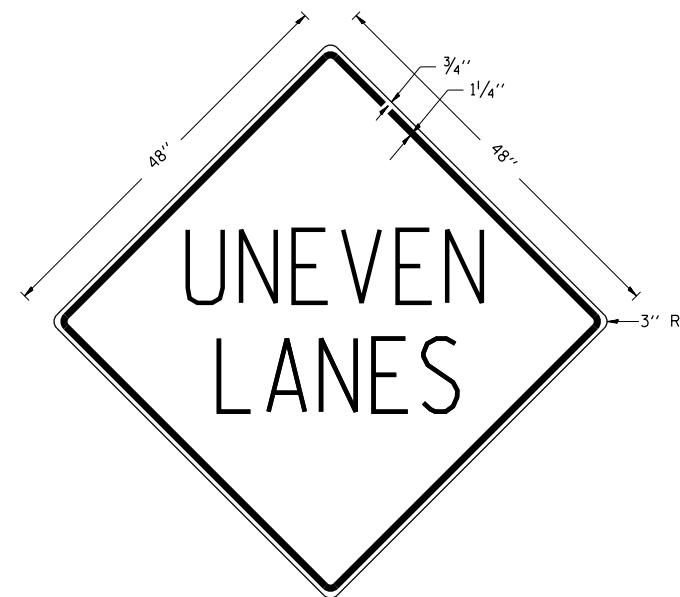
PAVING DETAIL STRUCTURE # 097-0068



CR-500 E
STA. 336+31



UNEVEN LANES SIGN
W8-11 (48" x 48")



COLORS:
LEGEND AND BORDER - BLACK NON-REFLECTORIZED
BACKGROUND - ORANGE REFLECTORIZED

NOTE: PRIOR TO ALLOWING TRAFFIC ON ANY PORTION OF THE ROADWAY THAT HAS BEEN COLDMILLED OR BEFORE RESURFACING OPERATIONS BEGIN, THE CONTRACTOR SHALL HAVE ERECTED "UNEVEN PAVEMENT" SIGNS THAT CONFORM TO THE ABOVE DETAILS. A MINIMUM OF ONE SIGN AT EACH END OF THE IMPROVEMENT WILL BE REQUIRED. THE CONTRACTOR SHALL MAINTAIN THE "UNEVEN PAVEMENT" SIGNS UNTIL THE RESURFACING OPERATIONS ARE COMPLETED.

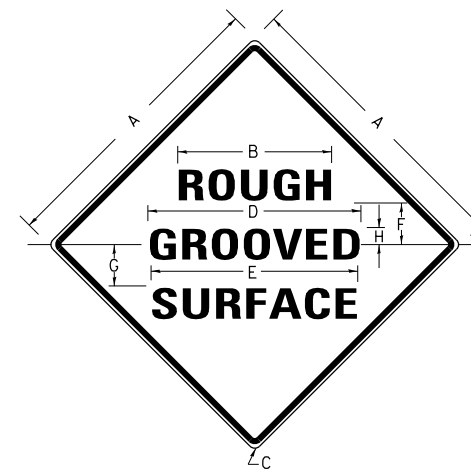
IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

THE COST OF FURNISHING, ERECTING, MAINTAINING, AND REMOVING THE REQUIRED SIGNS SHALL BE INCLUDED IN THE CONTRACT.

REVISIONS	
DRAWN	2-15-89
REVISED	4-06-93
REDESIGNED	
RESIZED	

STD. 9-41

ILLINOIS STANDARD
W8-1106



COLORS:

LEGEND AND BORDER- BLACK NON-REFLECTORIZED
BACKGROUND- ORANGE REFLECTORIZED

SIGN SIZE	DIMENSIONS							
	A	B	C	D	E	F	G	H
48X48	48.0	24.1	3.0	34.0	33.0	6.0	13.0	3.5

SIGN SIZE	SERIES LINES			MARGIN	BORDER	BLANK STD.
	1	2	3			
48X48	7C	7C	7C	0.8	1.2	B4-48D

ALL DIMENSIONS IN INCHES

NOTES:

PRIOR TO ALLOWING TRAFFIC ON ANY PORTION OF THE ROADWAY THAT HAS BEEN COLDMILLED, THE CONTRACTOR SHALL HAVE ERECTED "ROUGH GROOVED SURFACE" SIGNS THAT CONFORM TO THE ABOVE DETAILS. A MINIMUM OF ONE SIGN AT EACH END OF THE IMPROVEMENT WILL BE REQUIRED. THE CONTRACTOR SHALL MAINTAIN THE "ROUGH GROOVED SURFACE" SIGNS UNTIL THE COLDMILLED SURFACE IS COVERED WITH LEVELING BINDER OR SURFACE COURSE.

IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

THE COST OF FURNISHING, ERECTING, MAINTAINING, AND REMOVING THE REQUIRED SIGNS SHALL BE INCLUDED IN THE CONTRACT.

REVISIONS	
REDRAWN	2-15-89
REVISED	4-6-93
REVISED	3-27-08
REVISED	

STD. 9-39

FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -
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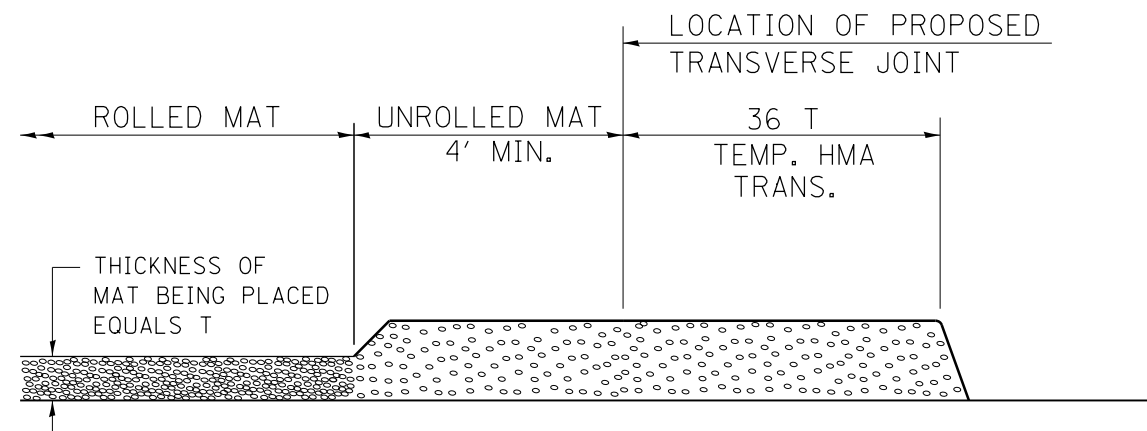
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAIL: UNEVEN LANES SIGN, ROUGH GROOVED SURFACE SIGN

SCALE: SHEET OF SHEETS STA. TO STA.

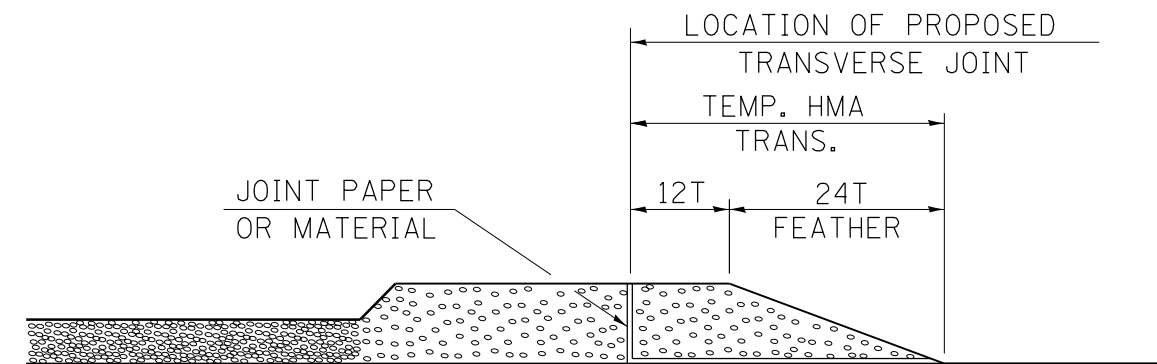
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
855	(11.12)RS-3	WHITE	21	19
CONTRACT NO. 78305				
ILLINOIS FED. AID PROJECT				

TEMPORARY HOT-MIX ASPHALT TRANSITIONS



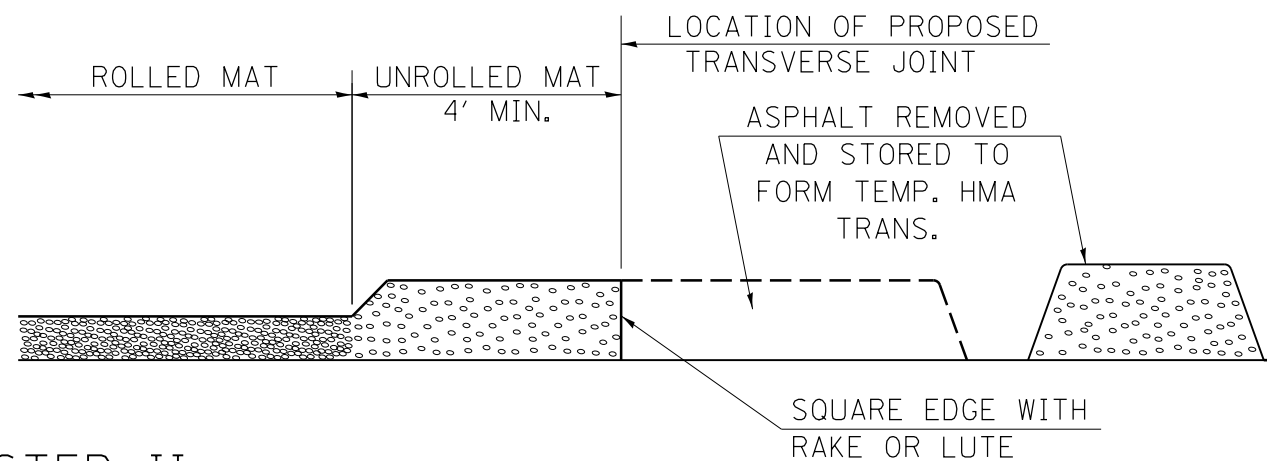
STEP I

1. PLACE HOT-MIX ASPHALT MAT, LENGTH 36 TIMES THE THICKNESS OF THE MAT BEING PLACED PAST THE PROPOSED TRANSVERSE JOINT LOCATION USING NORMAL OPERATING PROCEDURES. EXTREME CARE SHOULD BE TAKEN TO MAINTAIN ENOUGH MATERIAL IN FRONT OF THE SCREED TO MAINTAIN REQUIRED PAVING DEPTH.
2. MATERIAL IN FRONT OF THE SCREED TO MAINTAIN REQUIRED PAVING DEPTH.



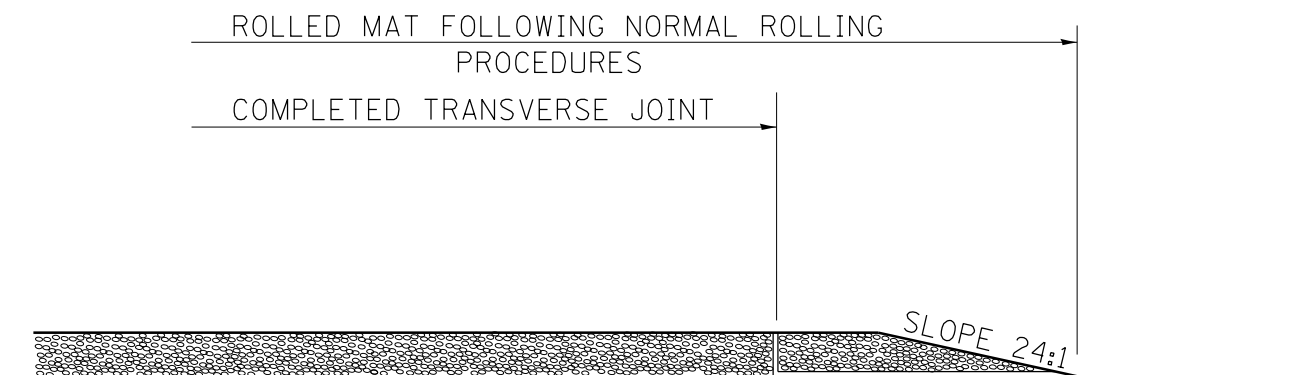
STEP III

1. JOINT PAPER OR OTHER PRESELECTED JOINT MATERIAL IS THEN PLACED IN THE CLEARED AREA AND THE EXCESS ASPHALT USED TO HAND FORM A TRANSITION TO THE DIMENSIONS SHOWN ABOVE.
2. NOTE THAT IN CONSTRUCTING THE TRANSITION, THE MAT DEPTH IS CONTINUED AS PART OF THE TRANSITION BEFORE FORMING THE FEATHER.



STEP II

1. MOVE THE PAVER OUT OF THE WAY AND REMOVE THE ASPHALT FROM THE AREA OF THE PROPOSED TEMPORARY HOT-MIX ASPHALT TRANSITION.
2. SQUARE UP THE END OF THE MAT WITH A RAKE OR LUTE.
3. NOTE THAT THE MAT WITHIN 4' OF THE END OF JOINT IS NOT TO BE ROLLED AT THIS TIME.



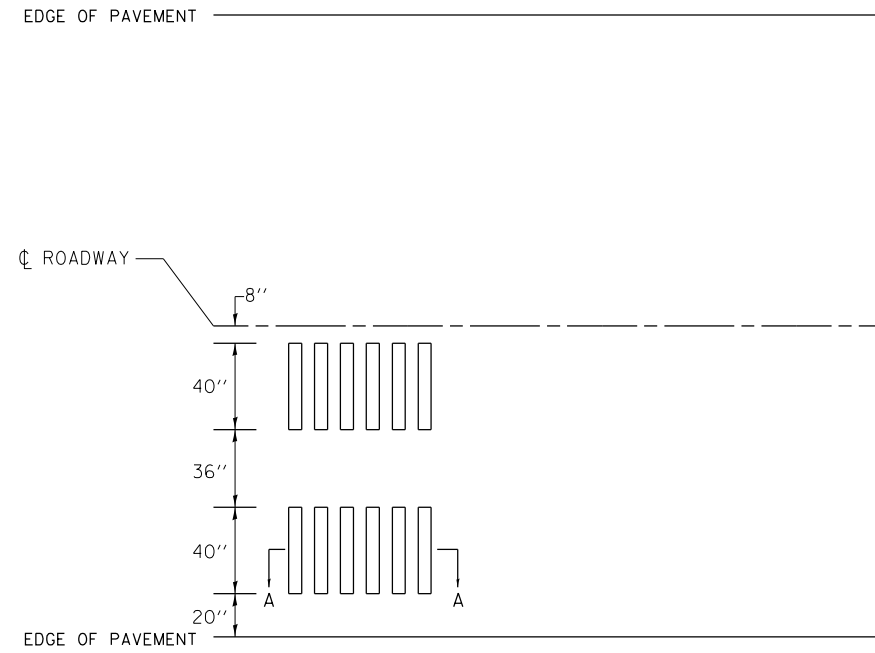
STEP IV

1. COMPLETE TEMPORARY TRANSITION BY ROLLING.
2. TO RESUME PAVING, AT THE JOINT, REMOVE TEMPORARY TRANSITION AND DISPOSE OF THE MATERIAL ACCORDING TO ART. 202.03 OF THE STD. SPECS. (COST INCLUDED IN THE CONTRACT).
3. CONSTRUCTING THE TEMPORARY TRANSITIONS WILL NOT BE PAID FOR SEPARATELY IN ACCORDANCE WITH ARTICLE 406.14 OF THE STANDARD SPECIFICATIONS.

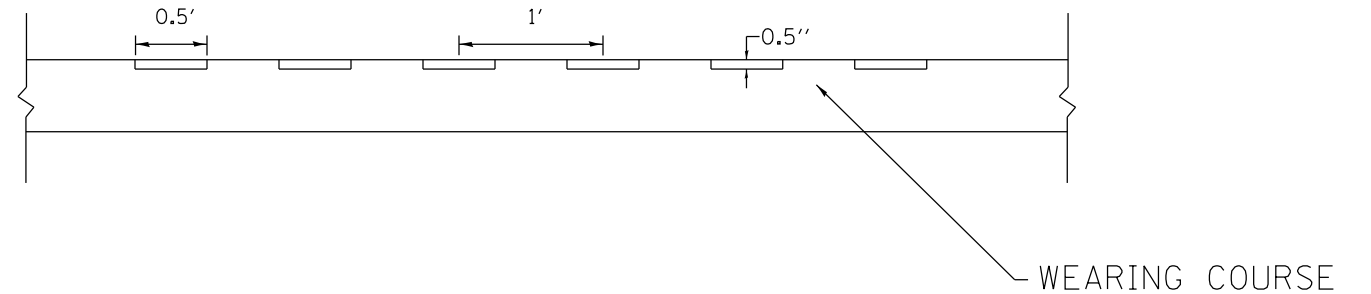
REVISIONS	
REDRAWN	2-15-89
REVISED	8-16-94
REVISED	01-09-07
RESIZED	05-8-08

STD. 9-26

RUMBLE STRIP DETAIL

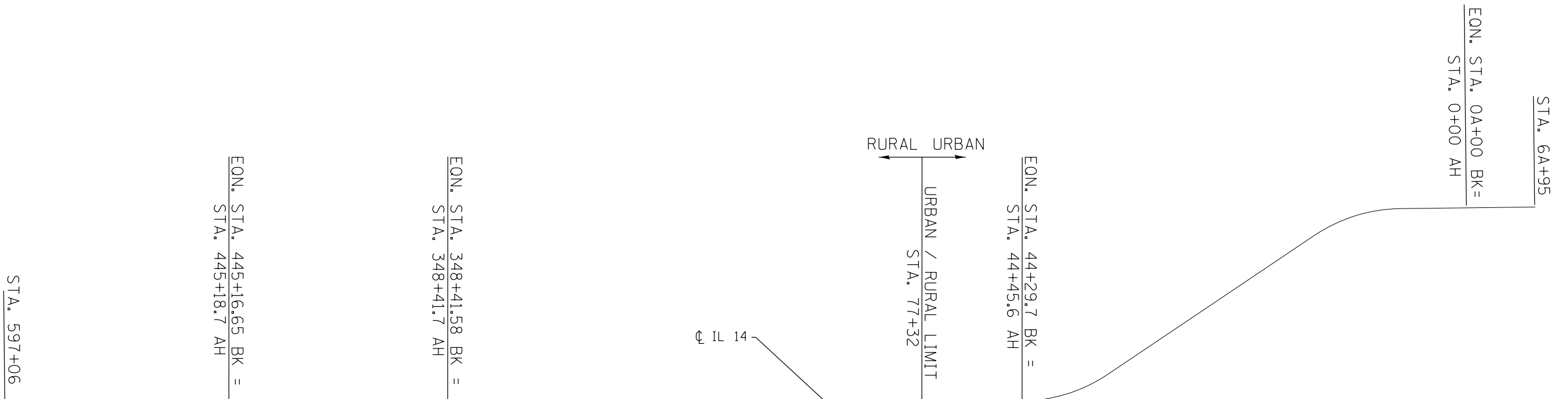


SECTION A-A



TO BE USED
 STA. 491+77 & 493+77 WESTBOUND
 STA. 496+85, 498+85, 506+35, & 508+35 EASTBOUND

STATIONING DETAIL



NOTE: FOR CLARITY PURPOSE ONLY
 (NOT TO SCALE)

FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -
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	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -
MODELNAME	PLOT DATE = 12/19/2012	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DETAIL: RUMBLE STRIP; STATIONING

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
855	(11.12)RS-3	WHITE	21	21
CONTRACT NO. 78305				
ILLINOIS FED. AID PROJECT				