

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	28RS-3	WHITE	12	1
		ILLINOIS	CONTRACT NO. 78433	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

LOCATION	ADT(2014)	SU	MU
U.S. 45 S. OF IL 1 (WHITE COUTY)	2,950	230	375

**PROPOSED  
HIGHWAY PLANS**

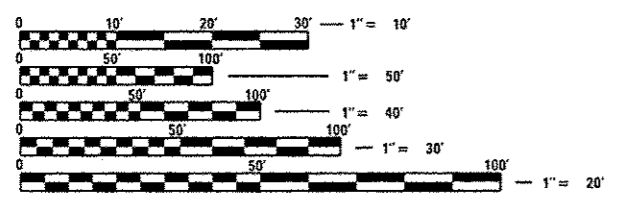
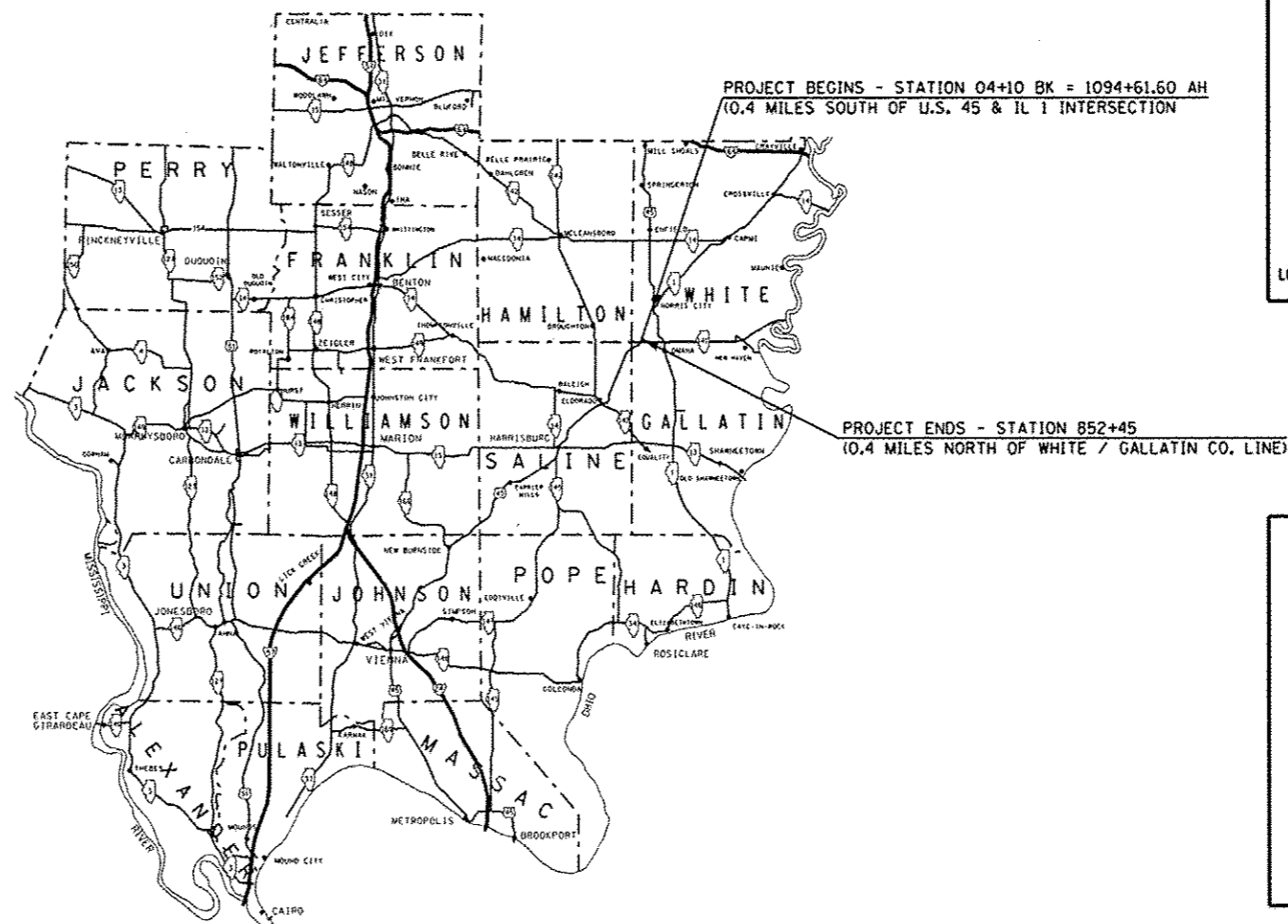
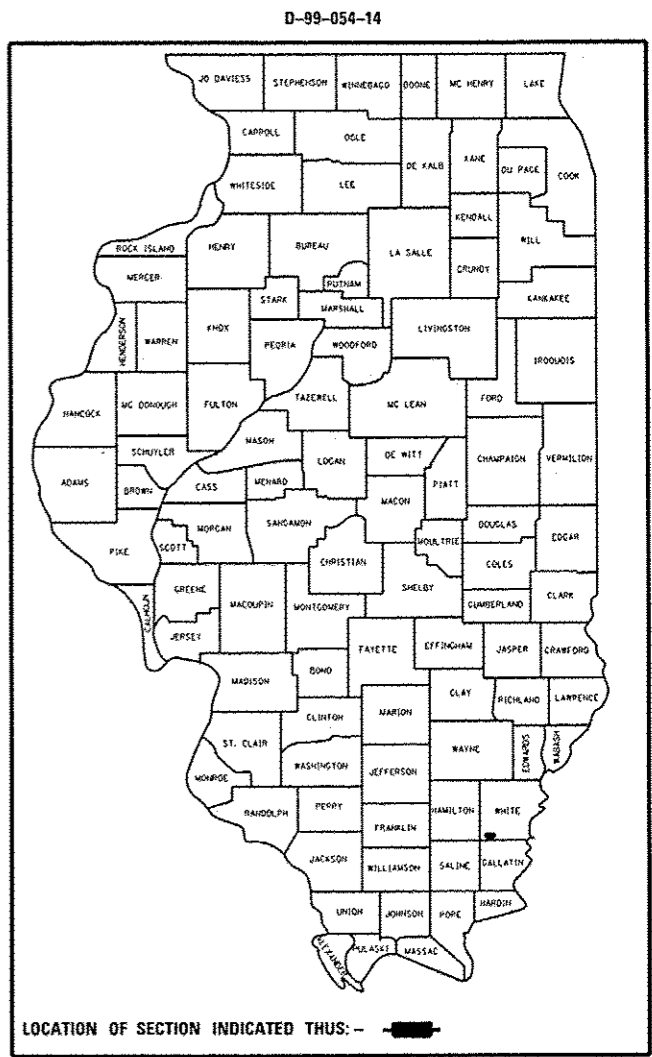
ROUTE U.S. 45 (FAP 332)  
SECTION 28RS-3

3P PATCH & RESURFACE  
WHITE COUNTY

C-99-062-14

**STATION EQUATIONS**

4+10 BK	=	1094+61.6 AH
1139+82 BK	=	719+40 AH
783+60 BK	=	1204+20 AH
1247+17 BK	=	881+98.5 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. 78433

GROSS LENGTH = 18,191 FT. = 3.45 MILE  
NET LENGTH = 18,191 FT. = 3.45 MILE

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED June 24 2014  
Jeffrey A. Keim  
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

Aug 15 2014  
John D. Baranelli, P.E.  
ENGINEER OF DESIGN AND ENVIRONMENT

Aug 15 2014  
Other Osmon, P.E.  
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

**INDEX OF SHEETS**

SHT NO	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS, STANDARDS, GENERAL NOTES
3	SIGNATURE SHEET, MIXTURES REQUIREMENTS
4-5	SUMMARY OF QUANTITIES
6	TYPICAL SECTIONS
7-9	SCHEDULES OF QUANTITIES
10	DETAILS: SIDEROAD; ENTRANCES
11	DETAILS: TRANSITIONS; STATIONING DETAIL, BUTT-JOINTS, MILLING TRANSITION
12	DETAILS: TEMPORARY HMA TRANSITIONS, UNEVEN LANES, ROUGH GROOVED SURFACE

**STANDARDS**

000001-06	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
406201-01	MAILBOX TURNOUT
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
701006-03	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701011-04	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
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
701901-03	TRAFFIC CONTROL DEVICES
780001-04	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	SEE SPECIAL PROVISION
INTERMEDIATE LIFTS (FOG COATS)	SEE SPECIAL PROVISION
ON AGGREGATE SURFACE	SEE SPECIAL PROVISION
AGGREGATE (PRIME COAT)	SEE SPECIAL PROVISION
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 SURFACE REMOVAL, 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.
- BITUMINOUS RESURFACING SHALL BE PLACED IN A SEQUENCE THAT WILL MINIMIZE THE TIME THE CENTERLINE EDGE IS EXPOSED TO TRAFFIC. WHEN AT THE END OF A DAY'S OPERATION THE EXPOSED CENTERLINE EDGE IS GREATER THAN 2,000 FT., THE CONTRACTOR SHALL BE REQUIRED TO PAVE IN THE ADJACENT LANE ON THE FOLLOWING WORK DAY. PRIOR TO WINTER SHUTDOWN, RESURFACING ON ADJACENT LANES IS TO BE BROUGHT UP TO THE SAME ELEVATION.
- STATIONING SHOWN IN THE SCHEDULES IS BASED ON STAMPED STATIONS IN THE EXISTING PAVEMENT AND FROM OLD PLANS. MINOR ADJUSTMENTS MAY BE REQUIRED AS DIRECTED BY THE ENGINEER.
- ALL PAVEMENT MARKINGS SHALL BE LOCATED AND RECORDED BEFORE SURFACE REMOVAL AND/OR HOT-MIX ASPHALT PLACEMENT.
- QUANTITIES SHOWN IN THE PLANS FOR PATCHING ARE ESTIMATES. THE ACTUAL AMOUNT OF PATCHING REQUIRED SHALL BE DETERMINED BY THE ENGINEER. PATCHING SURVEY DATE: JUNE 2014.
- SAWCUTS REQUIRED FOR BUTT JOINTS SHALL NOT BE PAID FOR SEPERATELY BUT SHALL BE INCLUDED IN THE COST OF THE BUTT JOINT.
- CONTRACTOR SHALL COMPLETE PATCHING PRIOR TO THE HMA SURFACE REMOVAL.

MTD CROSSING RESTRICTIONS TABLE

SN & CENTERLINE STATION ROUTE U. S. 45 (FAP 332)	EXISTING FILL HEIGHT OVER BOX CULVERT	THICKNESS OF EXISTING PAVEMENT OVER BOX CULVERT	MTD CROSSING RESTRICTIONS
	FOOT	FOOT	
SN 097-0013 (STA. 745+06.5)			PENDING
SN 097-0014 (STA. 760+58)			PENDING
SN 097-7054 (STA. 1225+32)	11.5	1.0	LOADED

FILE NAME *	USER NAME * kelliqkd	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INDEX OF SHEETS, STANDARDS, GENERAL NOTES, MTD ALLOWANCE CHART</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEET SHEETS	SHEET NO.	
o:\pwork\pudot\kelliqkd\242244\78433-sha-ovr-req-index.dgn	33-sha-ovr-req-index.dgn	DRAWN -	REVISED -			332	28RS-3	WHITE	12	2	
PLOT SCALE * 94.4444 " / 1"		CHECKED -	REVISED -			CONTRACT NO. 78433					
PLOT DATE * 6/30/2014		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					



SUMMARY OF QUANTITIES				CONSTRUCTION CODE	
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	COUNTY	WHITE
				FUNDING	100% STATE
				ROADWAY	
				0005	
				RURAL	
40600645	LEVELING BINDER (MACHINE METHOD), N90	TON	2122		2122
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	90		90
40600990	TEMPORARY RAMP	SO YD	28		28
40603320	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N90	TON	4310		4310
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	182		182
44000153	HOT-MIX ASPHALT SURFACE REMOVAL, 1"	SO YD	50530		50530
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SO YD	776		776
44201789	CLASS D PATCHES, TYPE II, 12 INCH	SO YD	353		353
44201794	CLASS D PATCHES, TYPE III, 12 INCH	SO YD	63		63
44201796	CLASS D PATCHES, TYPE IV, 12 INCH	SO YD	366		366
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	842		842
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	2		2
67100100	MOBILIZATION	L SUM	1		1
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1		1

FILE NAME =	USER NAME = kelleykd	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwwork\pwwork\kelleykd\0482844\78433	332	28RS-3	WHITE						12	4			
PLOT SCALE = 94.4444 1/4 in.	CHECKED -	REVISED -	CONTRACT NO. 78433										
Default	PLOT DATE = 6/20/2014	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

SUMMARY OF QUANTITIES				CONSTRUCTION CODE	
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	COUNTY	WHITE
				FUNDING	100% STATE
					ROADWAY
					0005
					RURAL
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1		1
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	4		4
70300100	SHORT TERM PAVEMENT MARKING	FOOT	5466		5466
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	52704		52704
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SO FT	1822		1822
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	52704		52704
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	228		228
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	228		228
Z0034105	MATERIAL TRANSFER DEVICE	TON	6432		6432
40000275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	34974		34974

10 \* SPECIALTY ITEMS

FILE NAME *	USER NAME = kollegkd	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEET SHEETS	SHEET NO.	
c:\pwork\pwork\kollegkd\0422044\784	3-shite-cvr_sog.indxx.dgn	DRAWN -	REVISED -			332	28RS-3	WHITE	12	5	
	PLOT SCALE = 94,4444 1/1 in.	CHECKED -	REVISED -			CONTRACT NO. 78433					
Default	PLOT DATE = 6/30/2014	DATE -	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.	TO STA.



**RESURFACING SCHEDULE**

LOCATION STATION TO STATION	LENGTH	ROADWAY WIDTH @ BEG. STA.	ROADWAY WIDTH @ END STA.	ROADWAY AREA	HMA SURFACE REMOVAL, 1"	HMA SURFACE REMOVAL, 1 1/2"	HOT-MIX ASPHALT SURFACE COURSE, MIX C, 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	REMARKS
	FOOT	FOOT	FOOT	SQ YD	SQ YD	SQ YD	TON	TON	POUND	TON	TON	SQ YD	SQ YD	
<b>U. S. 45 (FAP 332)</b>														
1094+61.6 AH TO 1139+82. BK	4520.40	25.0	25.0	12556.67	12,557		1054.8	527.4	8476	37.7	205.9	45	14	
719+40. AH TO 783+60. BK	6420.00	25.0	25.0	17833.33	17,833		1498.0	749.0	12038	53.5	292.5			
744+40. TO 745+73.	133.00	30.0	30.0	443.33		443	37.2		200	0.7				STRUCTURE 097-0013
760+08. TO 761+08.	100.00	30.0	30.0	333.33		333	28.0		150	0.5				STRUCTURE 097-0014
1204+20. AH TO 1247+17. BK	4297.00	25.0	25.0	11936.11	11,936		1002.6	501.3	8057	35.8	195.8			
881+98.5 AH TO 852+45.	2953.50	25.0	25.0	8204.17	8,204		689.2	344.6	5538	24.6	134.5	45	14	
<b>TOTAL</b>					50,530	776	4,310	2,122	34,457	153	829	90	28	

PAVEMENT MARKING SCHEDULE

LOCATION STATION TO STATION	LENGTH	THERMOPLASTIC PAVEMENT MARKING				REMARKS
		LINE 4"				
		YELLOW			WHITE	
		DBL SOLID	SOLID	SKIP DASH	SOLID	
		FOOT	FOOT	FOOT	FOOT	
<b>U. S. 45 ( FAP 332)</b>						
1094+61.6 AH TO 1095+52	90			23	180	
1095+52 TO 1101+90	638		638	160	1276	
1101+90 TO 1113+85	1195			299	2390	
1113+85. TO 1117+85	400		400	100	800	
1117+85 TO 1123+55	570	1140			1140	
1123+55 TO 1133+37	982		982	246	1964	
1133+37 TO 1139+82 BK	645			161	1290	
719+40 AH TO 783+60 BK	6420			1605	12840	
1204+20 AH TO 1208+27	407			102	814	
1208+27 TO 1217+23	896		896	224	1792	
1217+23 TO 1247+17 BK	2994	5988			5988	
881+99 TO 876+27	572	1143			1143	
876+27 TO 867+35	892		892	223	1784	
867+35 TO 859+75	760			190	1520	
859+75 TO 852+45	730		730	183	1460	
SUBTOTALS	18191	8271	4538	3514	36381	
TOTALS			52704			

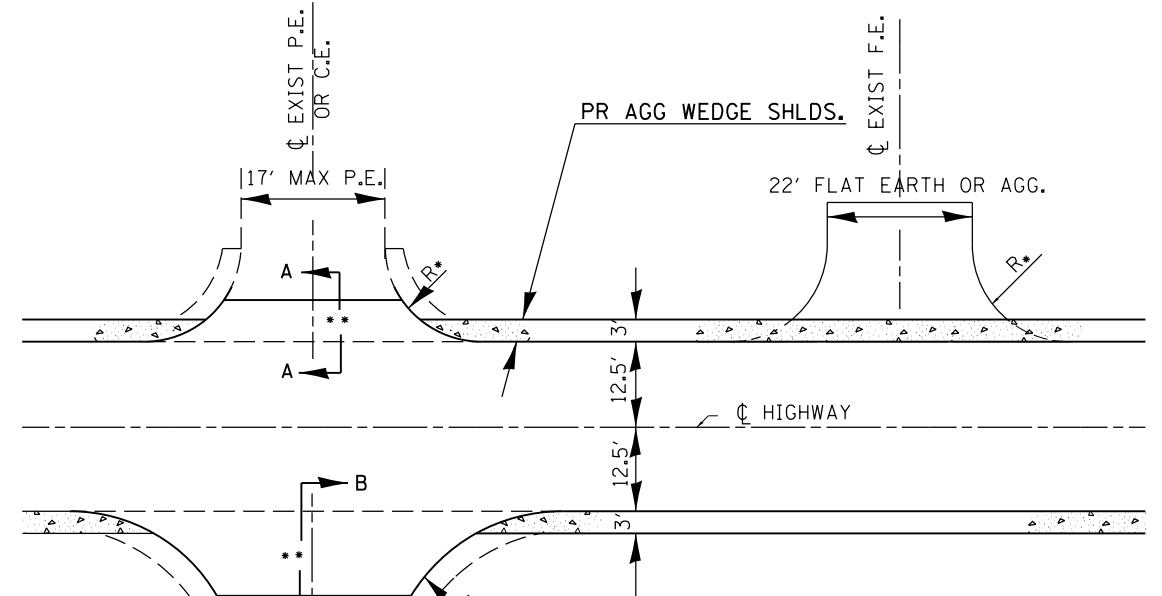
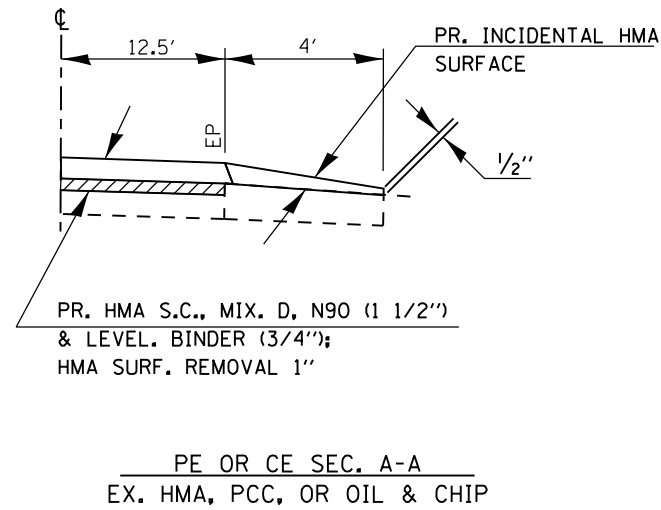
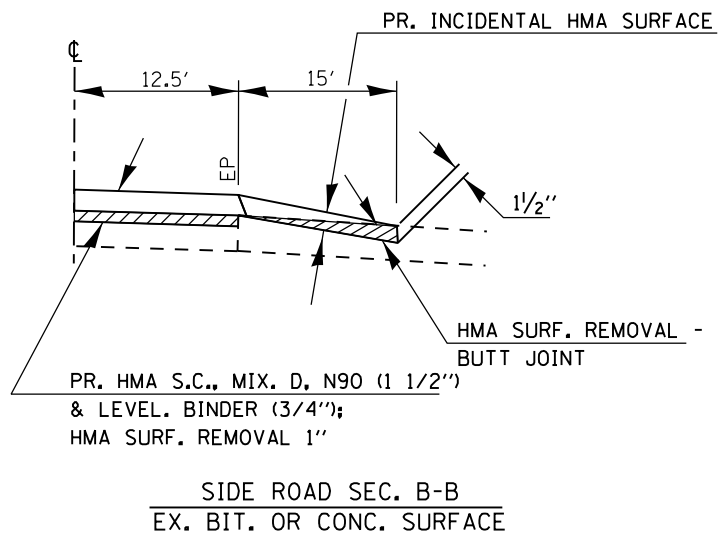


ENTRANCE AND SIDE ROAD SCHEDULE

STATION	SIDE	TYPE	AVG. WIDTH	EXISTING SURFACE TYPE	INCIDENTAL HMA SURFACING	AGGREGATE WEDGE SHOULDER, TYPE B	BITUMINOUS MATERIAL (PRIME COAT)	AGGREGATE (PRIME COAT)	REMARKS
					TON	TON	POUND	TON	
1095+42.	RT	FE		AGGREGATE	1.2				
1101+14	LT	SIDEROAD	30	AGGREGATE	8.4		23	0.7	
1107+85	LT	PE	42	AGGREGATE	2.1	0.7	8	0.3	
1111+05	RT	PE	25	AGGREGATE	1.2	0.4	5	0.2	
1111+43	LT	PE	35	AGGREGATE	1.7	0.6	7	0.2	
1114+69	LT	PE	35	AGGREGATE	1.7	0.6	7	0.2	
1114+69	LT	MAILBOX TURNOUT		AGGREGATE		1.9			
1115+85	LT	CE	58	AGGREGATE	2.9	1.0	12	0.3	
1122+42	RT	SIDEROAD	80	OIL & CHIP	22.4		60	1.8	
1124+40	LT	CE	205	AGGREGATE	10.2	3.6	41	1.2	
1124+40	LT	MAILBOX TURNOUT		AGGREGATE		1.9			
1129+26	RT	SIDEROAD	35	OIL & CHIP	9.8		26	0.8	
1129+26	LT	SIDEROAD	35	OIL & CHIP	9.8		26	0.8	
722+38	LT	PE	30	AGGREGATE	1.5	0.5	6	0.2	
739+68	LT	FE		AGGREGATE					SEE NOTE
755+25	LT	SIDEROAD	75	OIL & CHIP	21.0		56	1.7	
765+65	LT	SIDEROAD	110	OIL & CHIP	30.8		83	2.5	
782+60	LT	FE		AGGREGATE					SEE NOTE
1217+86	RT	PE	32	AGGREGATE	1.6	0.6	6	0.2	
1220+50	RT	PE	42	AGGREGATE	2.1	0.7	8	0.3	
1221+00	LT	FE		AGGREGATE					SEE NOTE
1237+57	RT	SIDEROAD	80	OIL & CHIP	22.4		60	1.8	
1237+57	LT	SIDEROAD	45	OIL & CHIP	12.6		34	1.0	
1239+05	RT	FE		AGGREGATE					SEE NOTE
877+02	RT	SIDEROAD	65	OIL & CHIP	18.2		49	1.5	
860+00	RT	FE		AGGREGATE					SEE NOTE
860+00	LT	FE		AGGREGATE					SEE NOTE
TOTAL:					182	13	517	15.5	

NOTE: 3' AGGREGATE WEDGE SHOULDER TYPE B ( QUANTITY INCLUDE ON RESURFACING SCHEDULE )

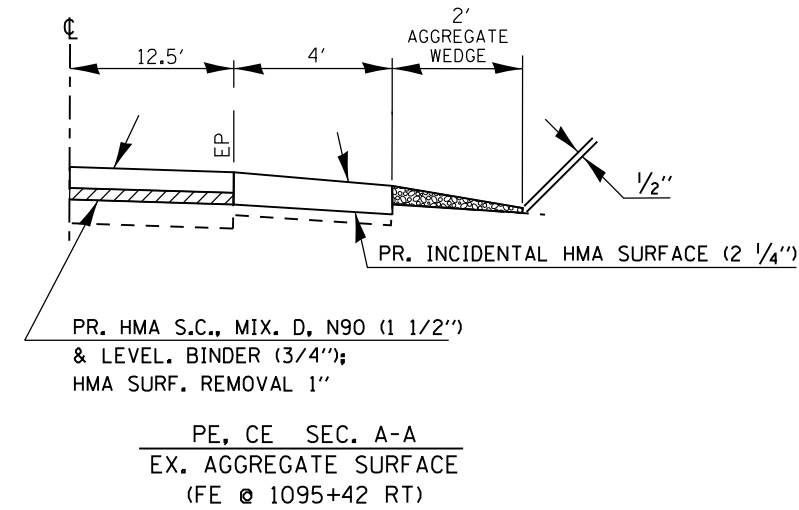
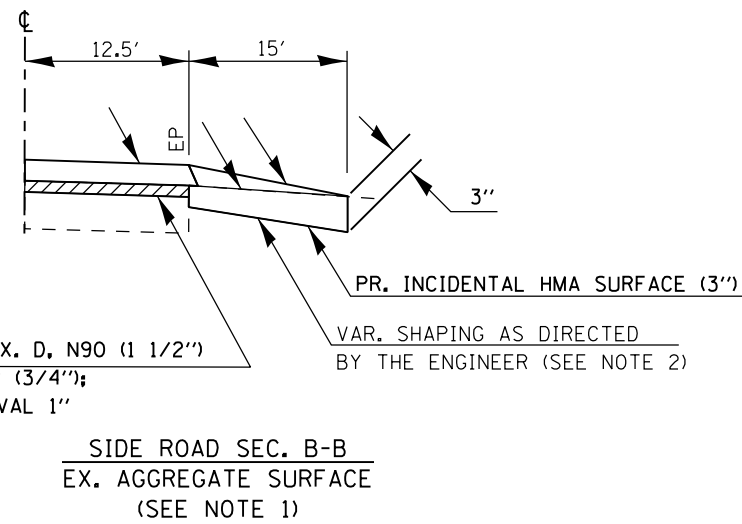
SIDE ROAD AND ENTRANCE DETAILS



- MATCH EXISTING RADIUS
- RESURFACE AS INDICATED AT LEFT.

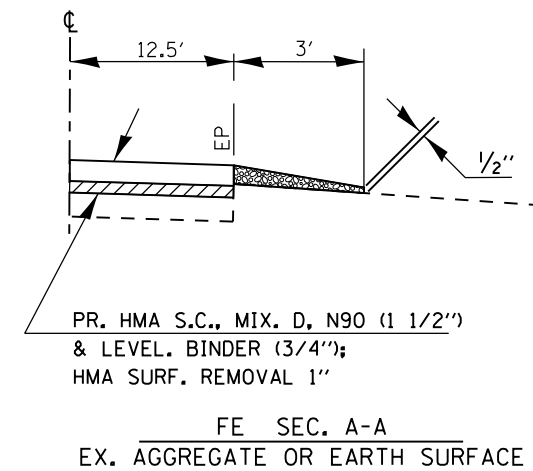
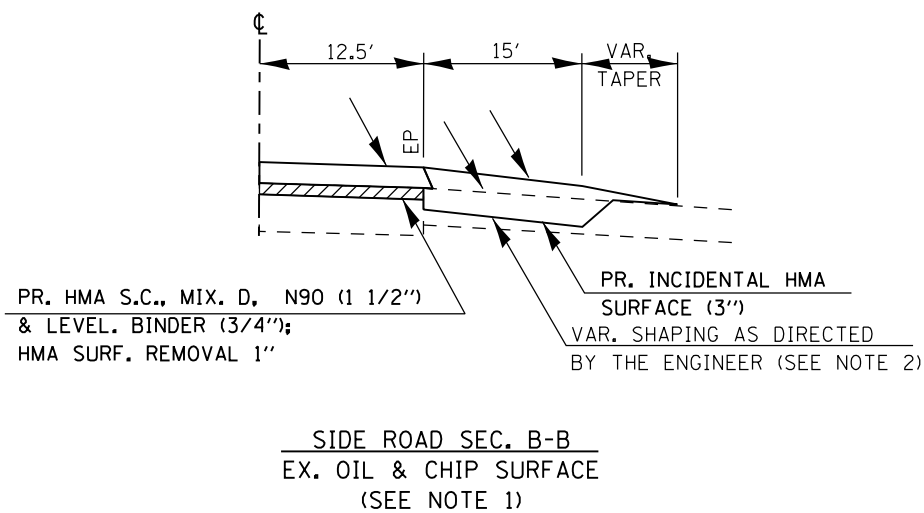
ENTRANCE SCHEDULE FOR LOCATION

TYPE	NUMBER OF ENTRANCES
P.E.	7
C.E.	2



NOTES

- IF EXISTING SUBBASE IS INADEQUATE, AS DETERMINED BY THE ENGINEER, THE SIDE ROADS SHALL BE CORED OUT AND AGGREGATE SUBBASE, TYPE B SHALL BE PLACED FOR BASE. THE COST OF CORING OUT THE SIDE ROAD AND ANY AGGREGATE BASE COURSE SHALL BE PAID FOR AS SPECIFIED IN ART. 109.04 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. IF EXISTING SUBBASE IS DETERMINED TO BE ADEQUATE, THE PREPARATION OF THE BASE SHALL BE CONSTRUCTED ACCORDING TO ARTICLE 406.19.
- VARIABLE SHAPING IS INCLUDED IN THE COST OF INCIDENTAL HOT-MIX ASPHALT SURFACE.



FILE NAME =	USER NAME = kellejkd	DESIGNED -	REVISED -
ci:\pw_work\pwidot\kellejkd\0402044\78433-shu-details.dgn		DRAWN -	REVISED -
Default	PLOT SCALE = 9.4444 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 6/30/2014	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

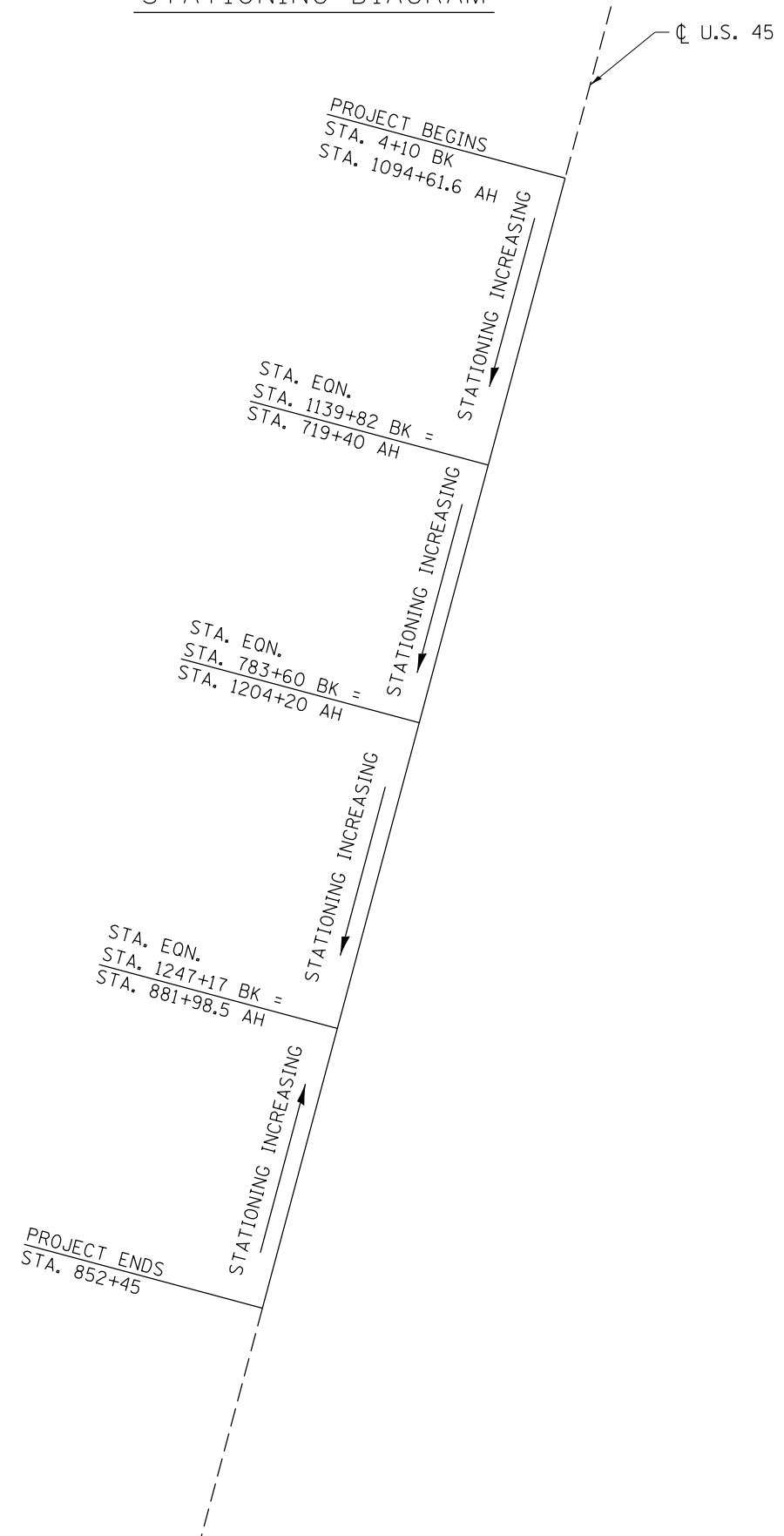
DETAIL: SIDE ROADS AND ENTRANCES

SCALE: SHEET OF SHEETS STA. TO STA.

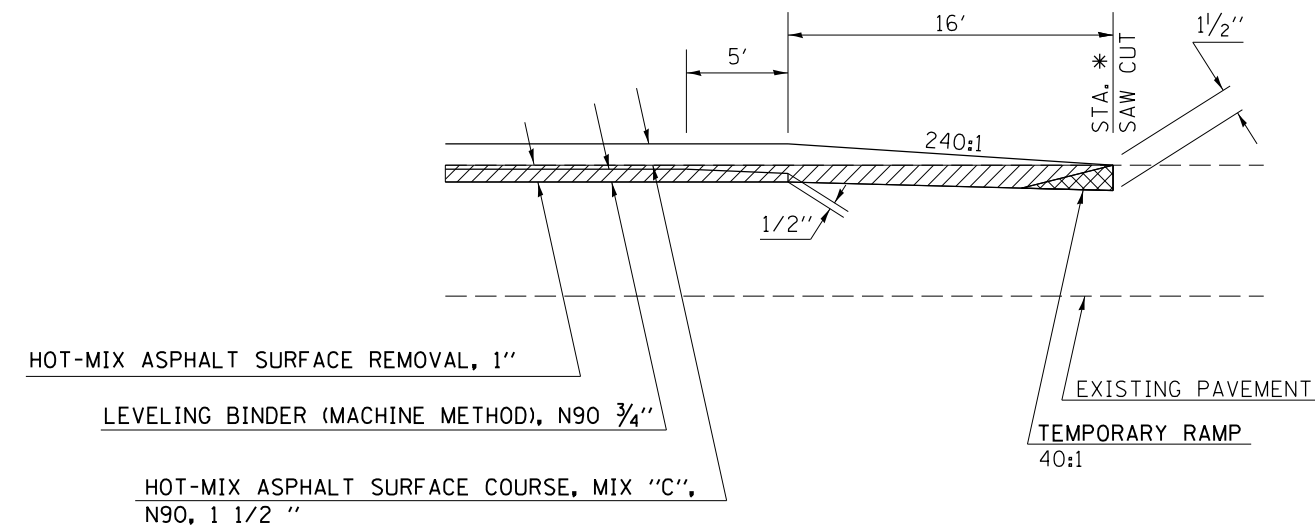
F.A.P. RTE. 332	SECTION 28RS-1	COUNTY WHITE	TOTAL SHEETS 12	SHEET NO. 10
				CONTRACT NO. 78433
ILLINOIS FED. AID PROJECT				



### STATIONING DIAGRAM

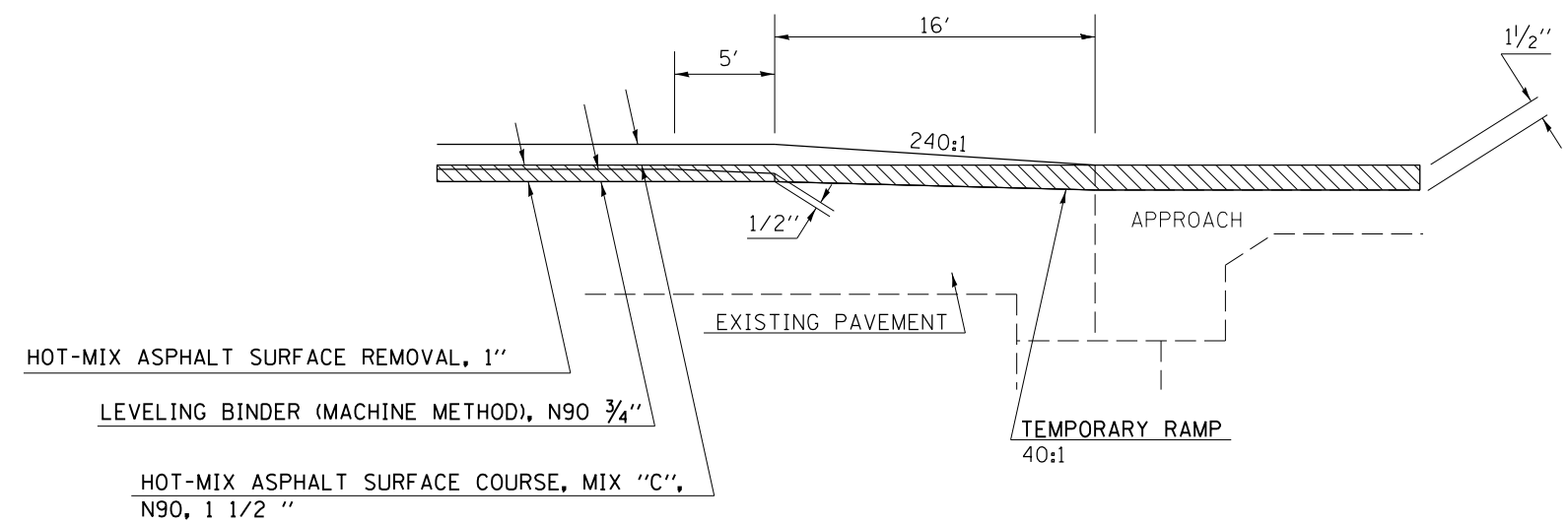


### BUTT JOINT DETAILS



**\* TO BE USED:**  
 STA. 1094+61.6  
 STA. 852+45

### MILLING TRANSITIONS



**\* TO BE USED:**  
 STA. 744+40 & 745+73 (AT SN097-0013 APPROACH PAVEMENTS)  
 STA. 760+08 & 761+08 (AT SN097-0014 APPROACH PAVEMENTS)

FILE NAME =	USER NAME = kellejkd	DESIGNED -	REVISED -
ci:\pw_work\pwidot\kellejkd\0402044\78433-shu-details.dgn		DRAWN -	REVISED -
Default	PLOT SCALE = 9.4444 "/> <td>CHECKED -</td> <td>REVISED -</td>	CHECKED -	REVISED -
	PLOT DATE = 6/30/2014	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DETAILS: STATIONING DETAIL, BUTT-JOINT,  
 MILLING TRANSITIONS**

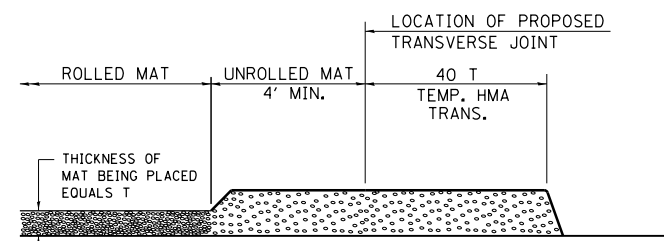
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	28RS-1	WHITE	12	11
CONTRACT NO. 78433				
ILLINOIS FED. AID PROJECT				

## TEMPORARY HOT-MIX ASPHALT TRANSITIONS

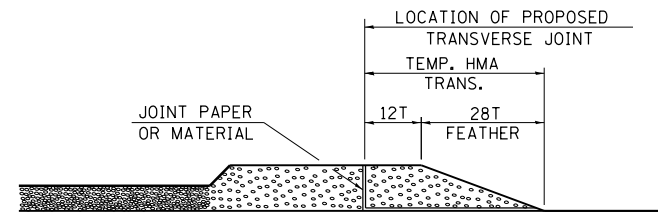
## UNEVEN LANES SIGN

W8-11 (48" x 48")



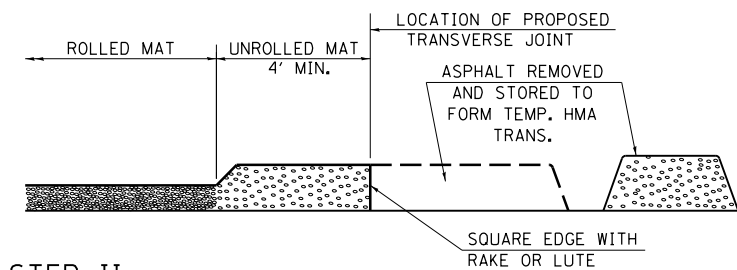
### STEP I

1. PLACE HOT-MIX ASPHALT MAT, LENGTH 40 TIMES THE THICKNESS OF THE MAT BEING PLACED PAST THE PROPOSED TRANSVERSE JOINT LOCATION USING NORMAL OPERATING PROCEDURES.
2. EXTREME CARE SHOULD BE TAKEN TO MAINTAIN ENOUGH MATERIAL IN FRONT OF THE SCREED TO MAINTAIN REQUIRED PAVING DEPTH.



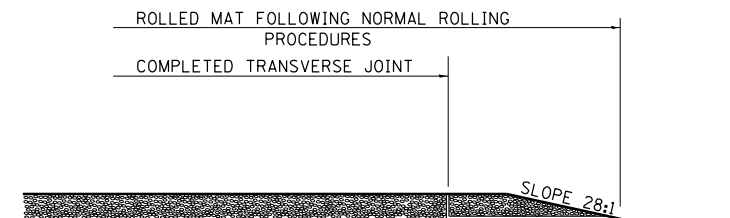
### STEP III

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.

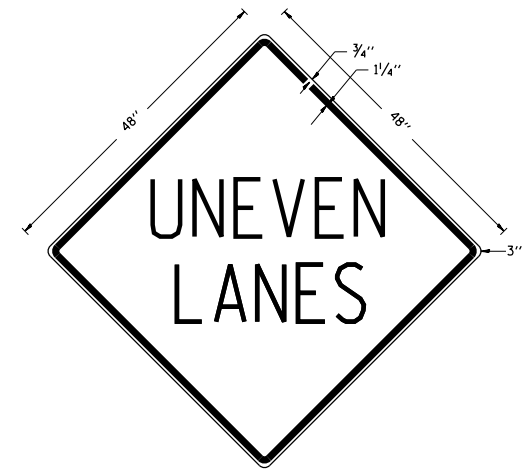


### STEP IV

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.

STD. 9-26

REVISIONS	
REDRAWN	2-15-89
REVISED	8-16-94
REVISED	01-09-07
RESIZED	05-8-08
REVISED	05-16-13



### COLORS:

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

**NOTE:** PRIOR TO ALLOWING TRAFFIC ON ANY PORTION OF THE ROADWAY THAT HAS BEEN COLD MILLED 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.

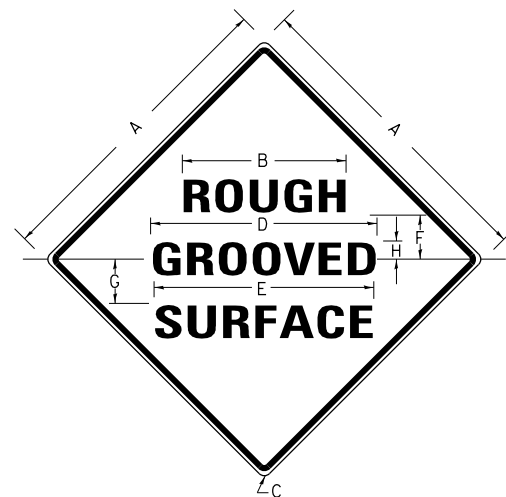
IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

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

STD. 9-41

REVISIONS	
DRAWN	2-15-89
REVISED	4-06-93
REDESIGNED	7-23-04
RESIZED	5-08-08
REVIEWED	5-17-13

## ILLINOIS STANDARD



### 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			MAR-GIN	BOR-DER	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 COLD MILLED, 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 COLD MILLED 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.

STD. 9-39

REVISIONS	
REDRAWN	2-15-89
REVISED	4-6-93
REVISED	3-27-08
REVIEWED	5-17-13

FILE NAME =	USER NAME = kelleykd	DESIGNED -	REVISED -
ci:\pw_work\pwidot\kelleykd\0402044\7843-3-shu-details.dgn		DRAWN -	REVISED -
Default	PLOT SCALE = 9.4444 "/td> <td>CHECKED -</td> <td>REVISED -</td>	CHECKED -	REVISED -
	PLOT DATE = 6/30/2014	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DETAILS: TEMP. HMA TRANSITIONS, UNEVEN LANES SIGN,  
ROUGH GROOVED SURFACE SIGN**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	28RS-3	WHITE	12	12
			CONTRACT NO. 78433	
ILLINOIS FED. AID PROJECT				