

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
881	34RS - 6		13	1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO. 78417		
*WILLIAMSON & JOHNSON				

FOR INDEX OF SHEETS, SEE SHEET NO. 3  
FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 5-6

DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

# PROPOSED HIGHWAY PLANS

FAP ROUTE 881 (US 45)  
SECTION: 34RS-6

WILLIAMSON & JOHNSON COUNTIES  
C-99-043-14

STATION EQUATIONS

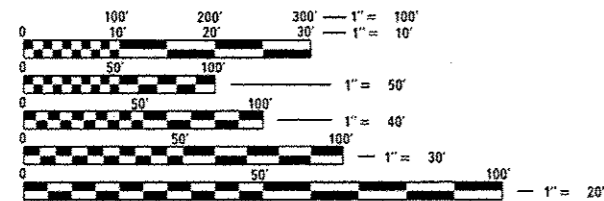
STA 758+98.4 @ BK = STA 758+97.7 @ AH  
STA 838+00.0 @ BK = STA 838+28.2 @ AH  
STA 875+23.7 @ BK = STA 875+00.0 @ AH  
STA 903+32.3 @ BK = STA 903+32.7 @ AH  
STA 942+87.1 @ BK = STA 942+84.7 @ AH

TRAFFIC DATA

US 45 TRAFFIC DATA  
2015 ADT = 1790 WITH 13.7% TRUCKS  
2035 ADT = 2180 WITH 13.5% TRUCKS

TOWNSHIPS

STONEFORT  
NEW BURNSIDE

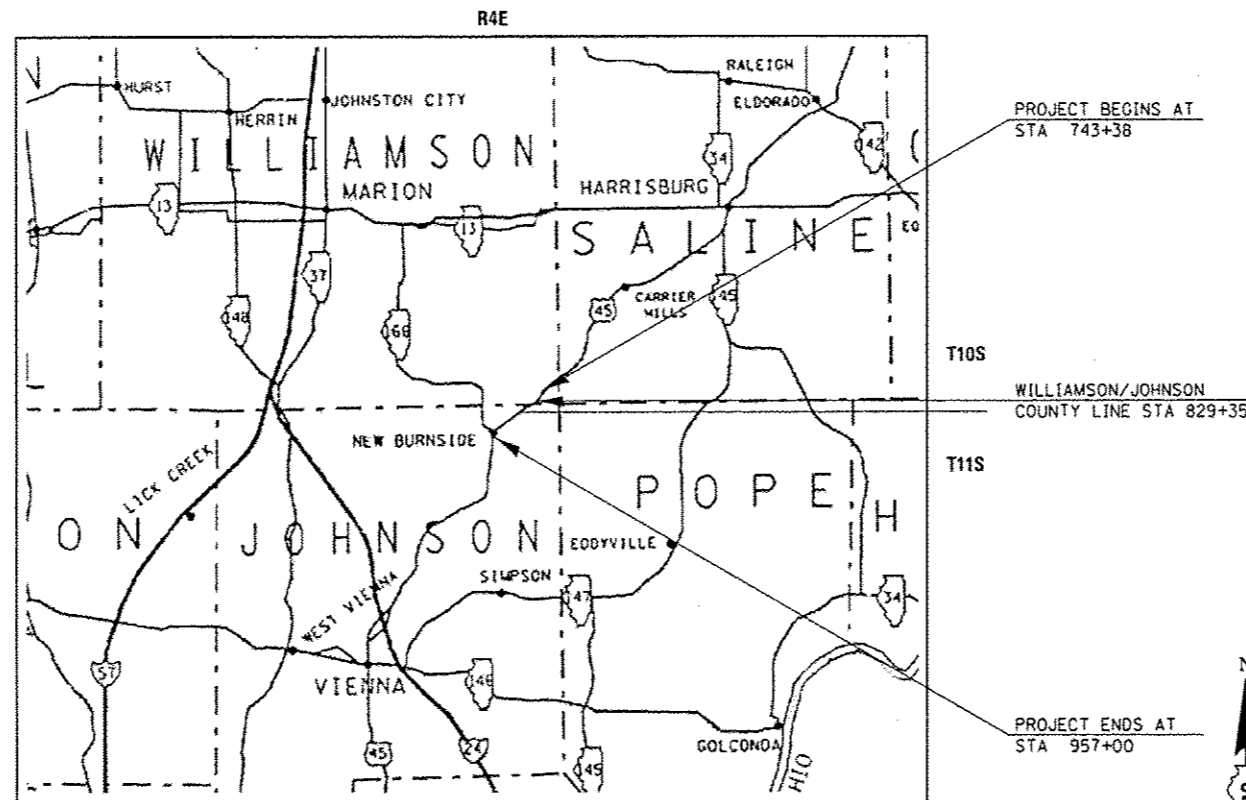


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

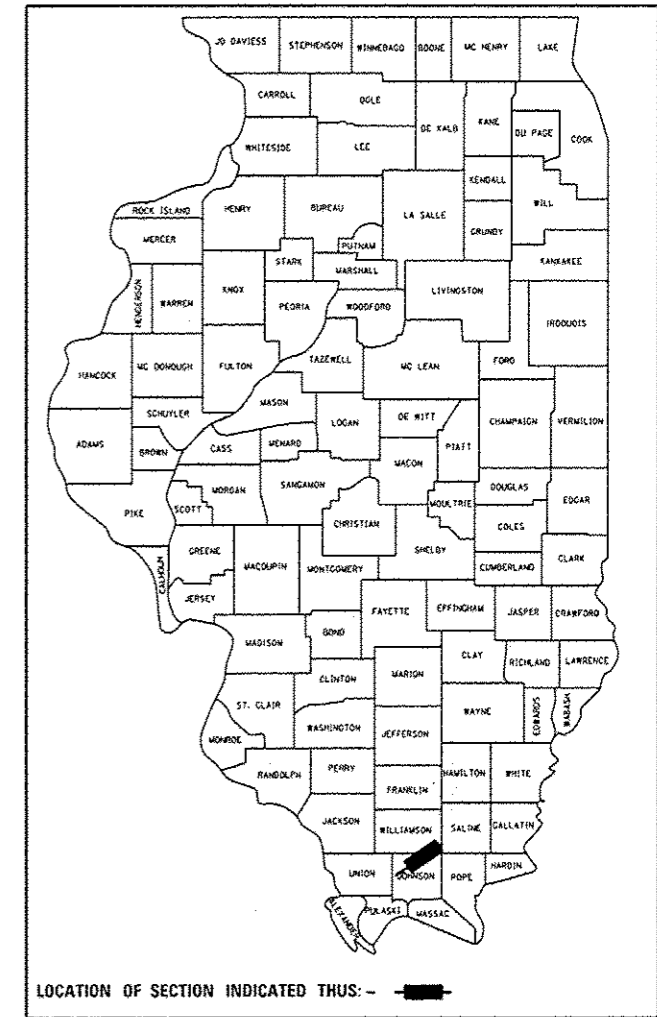
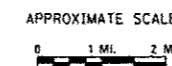
J.U.L.I.E.  
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION  
1-800-892-0123

PROJECT ENGINEER: CHARLES STEIN (618)351-5210  
DESIGNER: HASHIM ABBAS

CONTRACT NO. 78417



GROSS LENGTH = 21360.2 FT = 4.05 MILE  
NET LENGTH = 21360.2 FT = 4.05 MILE



LOCATION OF SECTION INDICATED THUS: - [black rectangle]

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED June 13 2014  
Ashley L. Keim  
DEPUTY DIRECTOR OF HIGHWAYS, REGION 5 ENGINEER

July 18 2014  
John D. Baranzelli, P.E.  
ENGINEER OF DESIGN AND ENVIRONMENT

July 18 2014  
Omer Osman, P.E.  
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

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Examined By: Carla  
DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By: Karl  
DISTRICT OPERATIONS ENGINEER

Examined By: VR  
DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By: Daryl J. Tuszik  
DISTRICT CONSTRUCTION ENGINEER

Examined By: ...  
DISTRICT MATERIALS ENGINEER

FILE NAME *	USER NAME * Stovarp	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	SIGNATURE SHEET			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\pavdat\stovarp\8283763\784	7-ht-plan.dgn	DRAWN -	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	881	34RS-6	*	13	2
	PLOT SCALE * 1/8" = 1' / in.	CHECKED -	REVISED -					CONTRACT NO. 78417				
	PLOT DATE * 6/12/2014	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				
*WILLIAMS & JOHNSON												

## INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	SIGNATURE SHEET
3	INDEX OF SHEETS, HIGHWAY STANDARDS, & MIXTURE REQUIREMENTS
4	GENERAL NOTES & COMMITMENTS
5-6	SUMMARY OF QUANTITIES
7-8	TYPICAL SECTIONS
9	RESURFACING SCHEDULE
10	PAVEMENT MARKING SCHEDULE
11	STANDARD DETAIL - UNEVEN LANES SIGN
12	STANDARD DETAIL - ROUGH GROOVED SURFACE SIGN
13	STANDARD DETAIL - TEMP HOT-MIX ASPHALT TRANSITIONS HIGHWAY STANDARDS

## HIGHWAY STANDARDS

000001-06	701301-04
001006	701306-03
442201-03	701311-03
642006	701336-06
701001-02	701901-03
701006-05	780001-04
701011-04	781001-03

## MIXTURE REQUIREMENTS

LOCATIONS	HOT-MIX ASPHALT SURFACE COURSE
MIXTURE USE(S):	HOT-MIX ASPHALT SURFACE COURSE, MIX C, N90
AC/PG:	PG64-22
ABR % (MAX):	SEE SPECIAL PROVISION
DESIGN AIR VOIDS:	4.0 %, 90 GYRATION DESIGN
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-9.5 MM
FRICTION AGGREGATE:	C SURFACE
QUALITY MANAGEMENT PROGRAM:	OCP

LOCATIONS	HOT-MIX ASPHALT LEVELING BINDER COURSE
MIXTURE USE(S):	HOT-MIX ASPHALT LEVELING BINDER, N90, IL-9.5MM FINE GRADE
AC/PG:	PG64-22
ABR % (MAX):	SEE SPECIAL PROVISION
DESIGN AIR VOIDS:	4.0 %, 90 GYRATION DESIGN
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-9.5MM FINE GRADE
FRICTION AGGREGATE:	NONE
QUALITY MANAGEMENT PROGRAM:	OCP

LOCATIONS	PAVEMENT PATCHING
MIXTURE USE(S):	HOT-MIX ASPHALT BINDER COURSE, N90, IL-19.0MM FINE GRADE
AC/PG:	PG64-22
ABR % (MAX):	SEE SPECIAL PROVISION
DESIGN AIR VOIDS:	4.0 %, 90 GYRATION DESIGN
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-19.0MM FINE GRADE
FRICTION AGGREGATE:	NONE
QUALITY MANAGEMENT PROGRAM:	OC/OA

LOCATIONS	HOT-MIX ASPHALT SHOULDERS
MIXTURE USE(S):	HOT-MIX ASPHALT SURFACE COURSE, MIX C, N90
AC/PG:	PG64-22
ABR % (MAX):	SEE SPECIAL PROVISION
DESIGN AIR VOIDS:	4.0 %, 90 GYRATION DESIGN
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-9.5 MM
FRICTION AGGREGATE:	C SURFACE
QUALITY MANAGEMENT PROGRAM:	OC/OA

FILE NAME *	USER NAME * Stoverpg	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INDEX OF SHEETS, HIGHWAY STANDARDS, &amp; MIXTURE REQUIREMENTS</b>		F.A.P. RTE. 881	SECTION 34RS-6	COUNTY *	TOTAL SHEETS 13	SHEET NO. 3	
c:\pwork\pndot\stoverpg\d8383763\784	7-shit.pln.dgn	DRAWN -	REVISED -		SCALE: _____	SHEET NO. _____ OF _____ SHEETS	STA. _____ TO STA. _____	ILLINOIS FED. AID PROJECT CONTRACT NO. 7B417				
	PLDT SCALE * 1/8"=1'-0"	CHECKED -	REVISED -									
	PLDT DATE * 6/12/2014	DATE -	REVISED -									

### GENERAL NOTES

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

FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES EXCEPT FOR QC/OA OF BITUMINOUS MIXTURES:

ALL HOT-MIX ASPHALT.....2.016 TONS/CU. YD.

ALL AGGREGATE.....2.05 TONS/CU. YD.

THE QUANTITY OF SHORT TERM PAVEMENT MARKING SHOWN IN THE PLANS WAS BASED ON ONE APPLICATION EACH FOR THE HMA SURFACE REMOVAL, SURFACE COURSE, AND LEVELING BINDER.

PRIOR TO PLACEMENT OF THE FINAL PAVEMENT MARKINGS, THE RESIDENT ENGINEER SHALL CONTACT THE BUREAU OF OPERATIONS AND ARRANGE FOR INSPECTION AND APPROVAL OF THE PAVEMENT MARKING LAYOUT.

THE CONTRACTOR SHALL STAMP STATIONING IN THE PROPOSED BITUMINOUS MATS 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" TALL OF A DESIGN APPROVED BY THE ENGINEER AND SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

UNLESS OTHERWISE DIRECTED BY THE ENGINEER, BITUMINOUS RESURFACING SHALL BE PLACED IN A SEQUENCE THAT WILL MINIMIZE THE TIME THE CENTER-LINE EDGE IS EXPOSED TO TRAFFIC.

QUANTITIES SHOWN IN THE PLANS FOR PATCHING ARE ESTIMATES. THE ACTUAL AMOUNT OF PATCHING REQUIRED SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

THE CONTRACTOR SHALL COMPLETE ALL PATCHING PRIOR TO THE BITUMINOUS SURFACE REMOVAL.

### COMMITMENTS

NONE

FILE NAME * <small>o:\p\work\pedit\stoverpg\0303763\784</small>	USER NAME * Stoverpg <small>7-shr-plan.dgn</small>	DESIGNED - _____ DRAWN - _____	REVISED - _____ REVISED - _____	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL NOTES AND COMMITMENTS</b>	F.A.S. RTE. 881	SECTION 34RS-6	COUNTY *	TOTAL SHEETS 13	SHEET NO. 4
				SCALE: _____ SHEET NO. _____ OF _____ SHEETS STA. _____ TO STA. _____		CONTRACT NO. 78417 <small>ILLINOIS FED. AID PROJECT</small>				
<small>*WILLIAMSON &amp; JOHNSON</small>										

# SUMMARY OF QUANTITIES

COUNTY:	WILLIAMSON	JOHNSON
ROUTE:	FAP 881 (US 45)	
FUNDING:	100% STATE	
LOCATION:	RURAL	
TOTAL QUANTITY	ROADWAY	
	0005	

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY		
40600647	LEVELING BINDER (MACHINE METHOD), IL-9, 5FG, N90	TON	2,381	963	1,418
40600990	TEMPORARY RAMP	SQ YD	160	40	120
40603320	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N90	TON	4,781	1,926	2,855
44000153	HOT-MIX ASPHALT SURFACE REMOVAL, 1"	SQ YD	327	0	327
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	66,149	26,748	39,401
44201789	CLASS D PATCHES, TYPE II, 12 INCH	SQ YD	400	160	240
44201794	CLASS D PATCHES, TYPE III, 12 INCH	SQ YD	85	34	51
44201796	CLASS D PATCHES, TYPE IV, 12 INCH	SQ YD	160	64	96
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	42,524	17,195	25,329
48203100	HOT-MIX ASPHALT SHOULDERS	TON	1,191	481	710
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	42,524	17,195	25,329
67100100	MOBILIZATION	L SUM	1	0	1
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	0	1
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	0	1

FILE NAME *	USER NAME * Stoverpg	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>	P.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
z:\p\work\p\p\dot\stoverpg\d0387631784	7-ahc-plan.dgn	DRAWN -	REVISED -			881	34RS-6	v	13	5
	PLOT SCALE * 1/8"=1'-0"	CHECKED -	REVISED -		SCALE: _____					
	PLOT DATE * 6/12/2014	DATE -	REVISED -		SHEET NO. ___ OF ___ SHEETS					CONTRACT NO. 78417
					STA. _____ TO STA. _____					ILLINOIS FED. AID PROJECT

## SUMMARY OF QUANTITIES - CONT

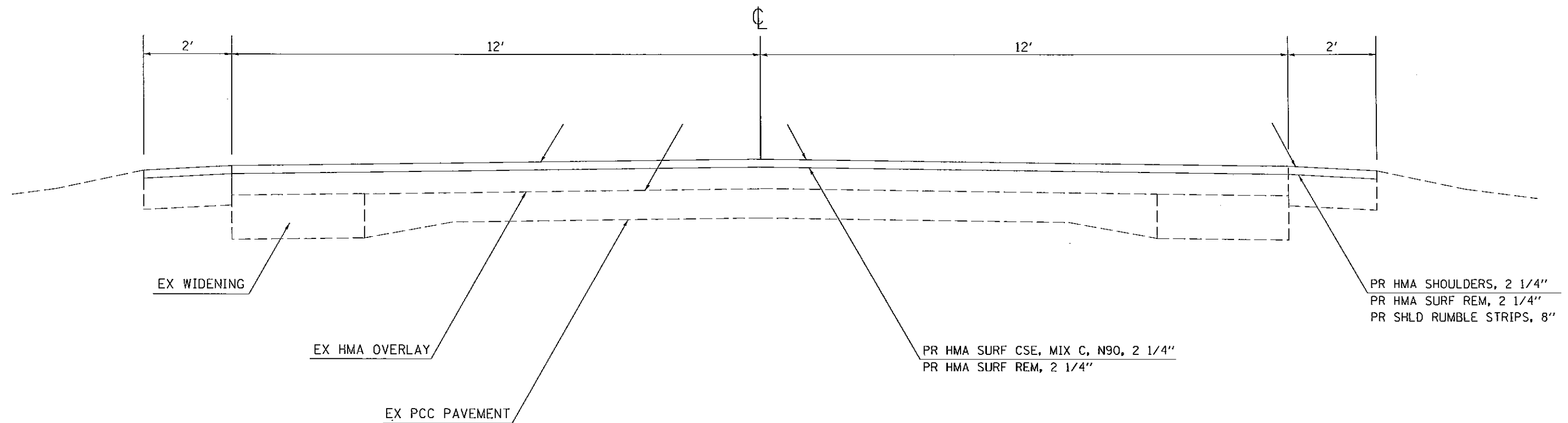
COUNTY:	WILLIAMSON	JOHNSON
ROUTE:	FAP 881 (US 45)	
FUNDING:	100% STATE	
LOCATION:	RURAL	
	ROADWAY	
	0005	

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY		
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	5	2	3
70300100	SHORT TERM PAVEMENT MARKING	FOOT	6,444	2,616	3,828
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	51,625	19,365	32,260
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	19,357	7,327	12,030
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	51,625	19,365	32,260
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	269	108	161
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	269	108	161
X4060110	BITUMINOUS MATERIALS (PRIME COAT)	POUND	38,419	15,476	22,943
Z0034105	MATERIAL TRANSFER DEVICE	TON	7,144	2,889	4,255

\* SPECIALTY ITEMS

FILE NAME =	USER NAME = Stoverpg	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.	
ca:\p\work\p\p\stoverpg\083037531704	7-shtrplan.dgn	DRAWN -	REVISED -			881	34RS-6	*	13	6	
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	PLOT DATE = 6/12/2014	DATE -	REVISED -			ILLINOIS FED. AID PROJECT CONTRACT NO. 78417					

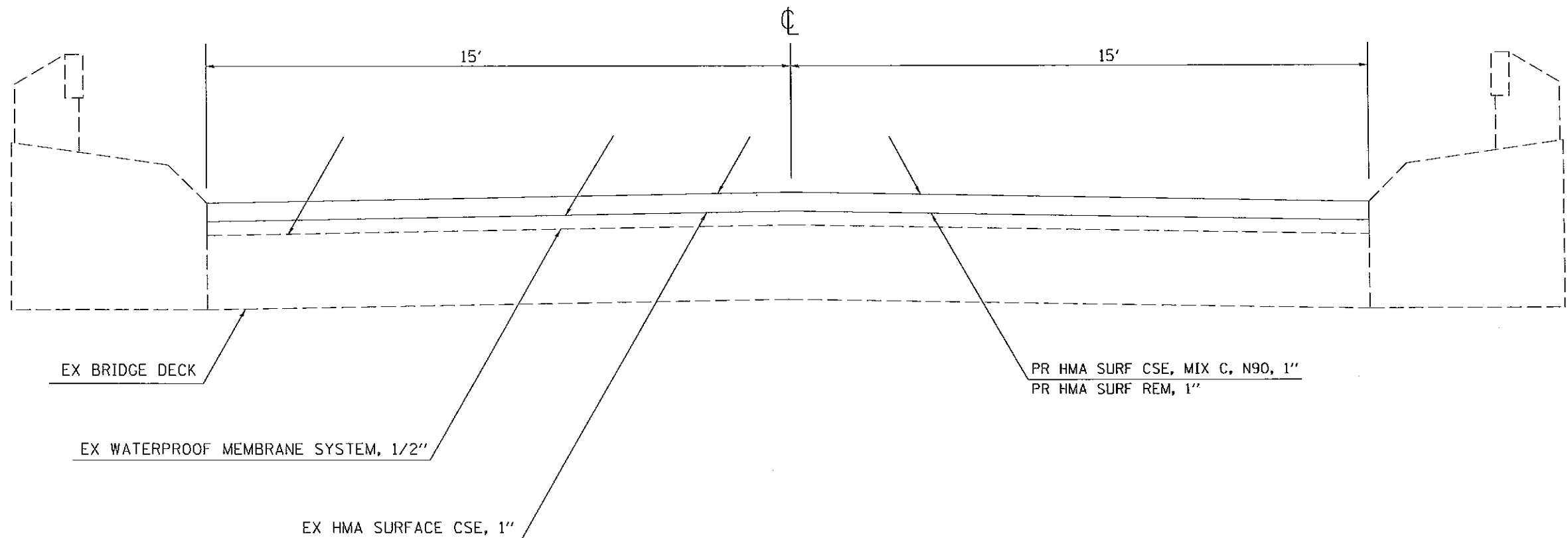
# TYPICAL SECTION - MAINLINE



TO BE USED:  
 STA 743+38 TO STA 838+52  
 STA 839+50 TO STA 957+00

FILE NAME = c:\pwork\pwork\stoverpg\d8383763\784	USER NAME = Stoverpg 7-shd-pln.dgn	DESIGNED - _____	REVISED - _____	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTION - MAINLINE</b>	F.A.P. RTE. 881	SECTION 34RS-6	COUNTY •	TOTAL SHEETS 13	SHEET NO. 7
PLOT SCALE = 100,0000' / in.		CHECKED - _____	REVISED - _____	SCALE: NONE    SHEET NO. 1 OF 2 SHEETS    STA. _____ TO STA. _____		FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT    CONTRACT NO. 78417				
PLOT DATE = 6/12/2014		DATE - _____	REVISED - _____	*WILLIAMSON & JOHNSON						

TYPICAL SECTION - SN 044-0001



TO BE USED:  
STA 838+52 TO STA 839+50

NOTES

1. THE CONTRACTOR SHALL TAKE EXTRA PRECAUTION WHEN REMOVING THE EXISTING 1" OF HMA SURFACE AS NOT TO DAMAGE THE EXISTING WATERPROOF MEMBRANE SYSTEM (WMS). ANY DAMAGE CAUSED TO THE EXISTING WMS DURING THE HMA REMOVAL WILL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER AT THE CONTRACTOR'S EXPENSE.
2. PRIME COAT SHALL BE INSTALLED ON TOP OF THE EXISTING WATERPROOF MEMBRANE SYSTEM AS PER THE SPECIAL PROVISION HOT-MIX ASPHALT - PRIME COAT (BMPT) PRIOR TO INSTALLING THE NEW SURFACE COURSE.
3. AT THE NORTH ABUTMENT, THE CONTRACTOR SHALL SAWCUT AND SEAL THE HMA INLAY USING THE SUPPLEMENTAL SPECIFICATION FOR BRIDGE RELIEF JOINT SEALER.
4. AT THE SOUTH ABUTMENT, THE 1" INLAY SHALL BUTT UP TO THE EXISTING STEEL BRIDGE JOINT.

FILE NAME = c:\pwwork\pwwork\stoverpg\0393763\784	USER NAME = Stoverpg 7-shit-plan.dgn	DESIGNED - _____ DRAWN - _____	REVISED - _____ REVISED - _____	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTION - SN 044-0001</b>	F.A.P. RTE. 881	SECTION 34RS-6	COUNTY *	TOTAL SHEETS 13	SHEET NO. 8
Default	PLOT SCALE = 100.0000' / 1" / 10. PLOT DATE = 6/12/2014	CHECKED - _____ DATE - _____	REVISED - _____ REVISED - _____			SCALE: _____ SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____	ILLINOIS FED. AID PROJECT CONTRACT NO. 78417 WILLIAMSON & JOHNSON			



# RESURFACING SCHEDULE

LOCATION STATION TO STATION	LENGTH	HMA SURF REM, 1"	HMA SURF REM, 2 1/4"	LEVEL BIND (MM), IL-9, 5FG, N90	HMA SURF CSE, MIX "C", N90	MATERIAL TRANSFER DEVICE	HMA SHOULDERS	BIT MATL (PC)	TEMP RAMP	SHOULDER RUMBLE STRIP	RAISED REFLECTIVE PAVEMENT MARKER REM	RAISED REFLECTIVE PAVEMENT MARKERS	STRIP REFLECTIVE CRACK CONTROL
	FEET	SO YD	SO YD	TON	TON	TON	TON	POUND	SO YD	FOOT	EACH	EACH	FOOT
<b>WILLIAMSON COUNTY</b>													
743+38 TO 758+98.4	1560.40		4855	175	350	524	87	2809	40	3121	20	20	3121
EQUATION STATION													
758+97.7 TO 829+35	7037.30		21894	788	1576	2365	394	12667		14075	88	88	14075
<b>WILLIAMSON COUNTY SUBTOTALS</b>		<b>0</b>	<b>26748</b>	<b>963</b>	<b>1926</b>	<b>2889</b>	<b>481</b>	<b>15476</b>	<b>40</b>	<b>17195</b>	<b>108</b>	<b>108</b>	<b>17195</b>
<b>JOHNSON COUNTY</b>													
829+35 TO 838+00	865.00		2691	97	194	291	48	1557		1730	11	11	1730
EQUATION STATION													
838+28.2 TO 838+52	23.80		74	3	5	8	1	43		48	1	1	48
SN 044-0001 838+52 TO 839+50	98.00	327			18			147	80				
839+50 TO 875+23.7	3573.70		11118	400	801	1201	200	6433		7147	45	45	7147
EQUATION STATION													
875+00 TO 903+32.3	2832.30		8812	317	634	952	159	5098		5665	36	36	5665
EQUATION STATION													
903+32.7 TO 942+87.1	3954.40		12303	443	886	1329	221	7118		7909	50	50	7909
EQUATION STATION													
942+84.7 TO 957+00	1415.3		4403	159	317	476	79	2548	40	2831	18	18	2831
<b>JOHNSON COUNTY SUBTOTALS</b>		<b>327</b>	<b>39401</b>	<b>1418</b>	<b>2855</b>	<b>4255</b>	<b>709</b>	<b>22943</b>	<b>120</b>	<b>25329</b>	<b>161</b>	<b>161</b>	<b>25329</b>
<b>TOTALS</b>		<b>327</b>	<b>66149</b>	<b>2381</b>	<b>4781</b>	<b>7144</b>	<b>1191</b>	<b>38419</b>	<b>160</b>	<b>42524</b>	<b>269</b>	<b>269</b>	<b>42524</b>

## PAVEMENT MARKING SCHEDULE

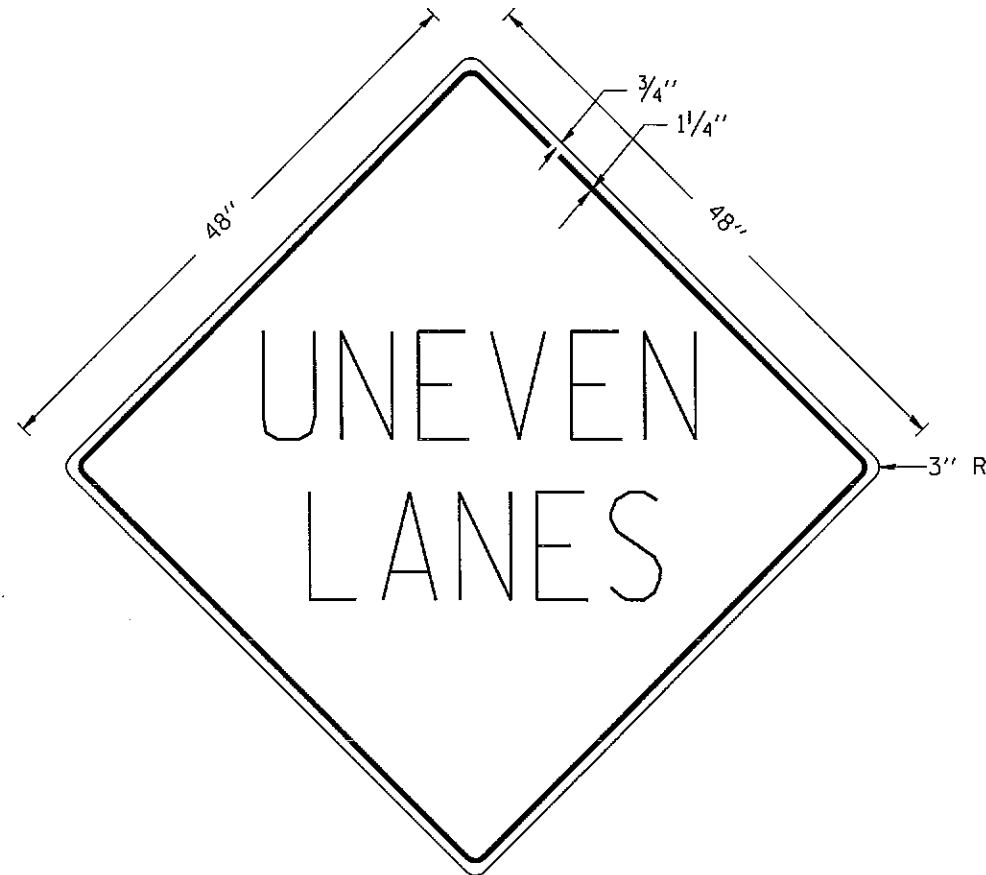
LOCATION MP TO MP	LENGTH	LINE 4"			REMARKS	
		SOLID WHITE	SKIP DASH YELLOW	SOLID YELLOW		
		FOOT	FOOT	FOOT		
<b>WILLIAMSON COUNTY</b>						
0 TO 1.63	8606	17213	2152		PASSING ZONE	
<b>WILLIAMSON COUNTY SUBTOTALS</b>			17213	2152	0	
<b>JOHNSON COUNTY</b>						
1.63 TO 2.15	2746	5491	686		PASSING ZONE	
2.15 TO 2.2	264	528	66	264	NO PASSING RIGHT	
2.2 TO 2.35	792	1584	198		PASSING ZONE	
2.35 TO 2.51	845	1690	211	845	NO PASSING LEFT	
2.51 TO 3.7	6283	12566	1571		PASSING ZONE	
3.7 TO 3.91	1109	2218	277	1109	NO PASSING RIGHT	
3.91 TO 4.05	739	1478		1478	NO PASSING ZONE	
<b>JOHNSON COUNTY SUBTOTALS</b>			25555	3009	3696	
<b>TOTALS</b>			42,768	5,161	3,696	
			51,625			

NOTE: MP 0.0 IS STATION 743+38

FILE NAME =	USER NAME = Stoverpg	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING SCHEDULE</b>	F.A.P. RTE:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\pwork\stoverpg\0383753\784	7-sht-plan.dgn	DRAWN -	REVISED -			BBI	34RS-6	*	13	10
	PLDT SCALE = 100.0000' / 1"	CHECKED -	REVISED -		SCALE: _____					
	PLDT DATE = 6/12/2014	DATE -	REVISED -		SHEET NO. ___ OF ___ SHEETS					CONTRACT NO. 78417
ILLINOIS FED. AID PROJECT										*WTI   WILLIAMSON & JOHNSON

# 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.

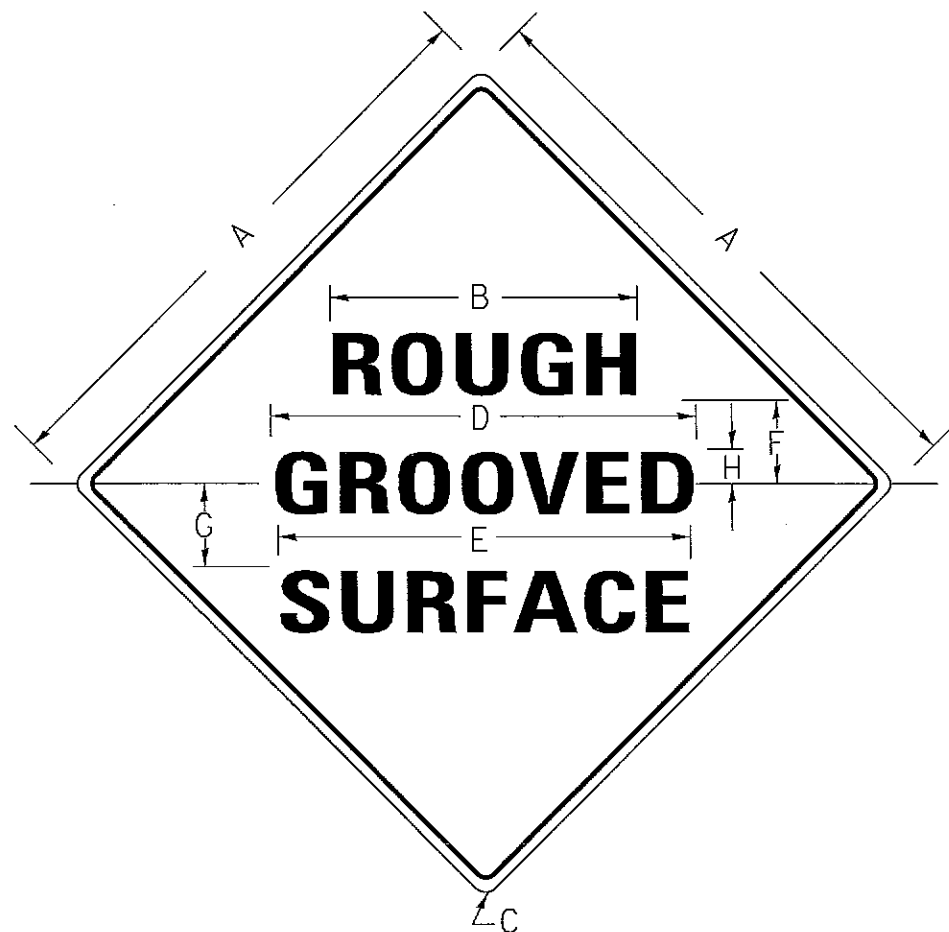
**REVISIONS**

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

STD. 9-41

FILE NAME =	USER NAME = Stoverpg	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>UNEVEN LANES SIGN</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pe_work\pmdot\stoverpg\d0383763\784	7-shit-plan.dgn	DRAWN -	REVISED -			881	34RS-6	.	13	11	
	PLOT SCALE = 100.0000' / 1"	CHECKED -	REVISED -			CONTRACT NO. 78417					
	PLOT DATE = 6/12/2014	DATE -	REVISED -			[ILLINOIS] FED. AID PROJECT *WILLIAMSON & JOHNSON					

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



**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 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.

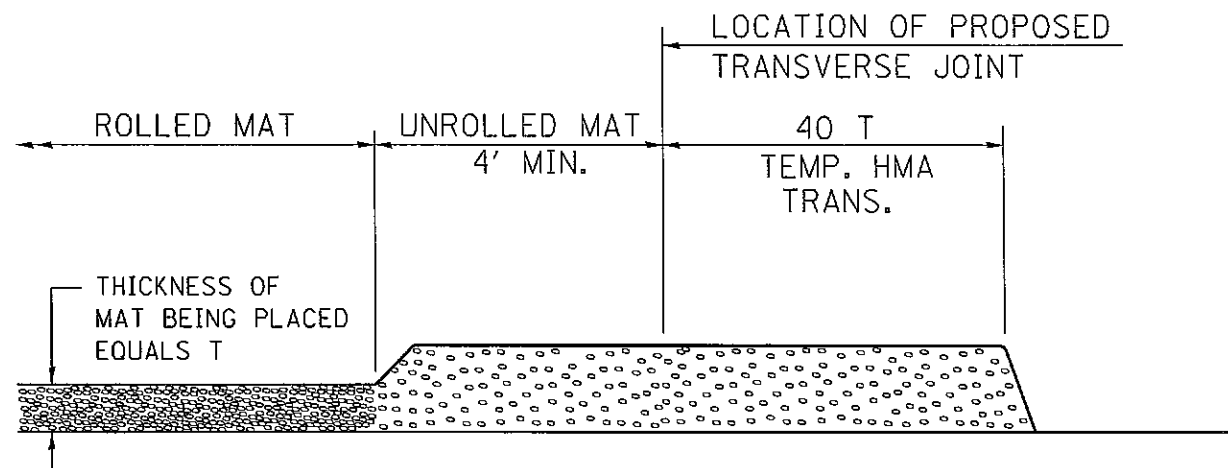
REVISIONS

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

STD. 9-39

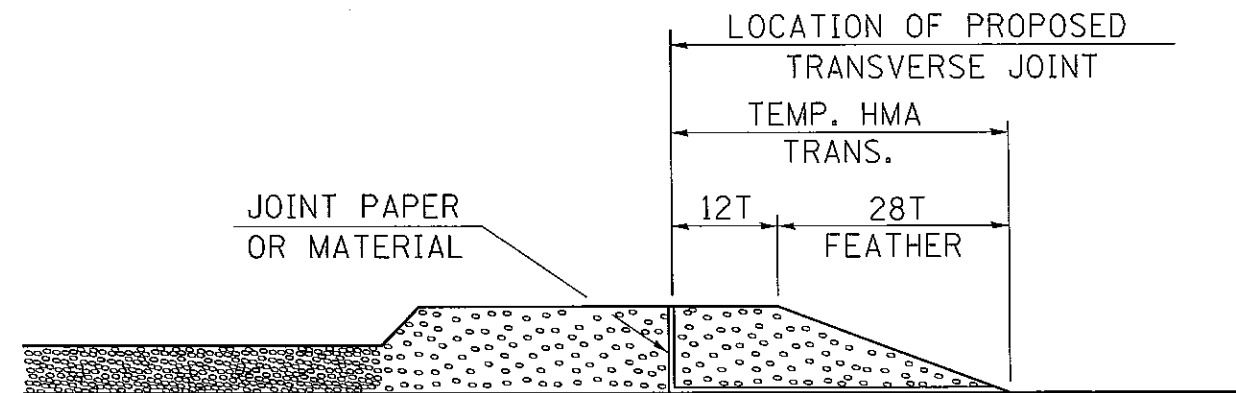
FILE NAME =	USER NAME = Stoverpg	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ROUGH GROOVED SURFACE SIGN</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
cr:\pwork\pilot\stoverpg\10383763\784	7-aht-plan.dgn	DRAWN -	REVISED -			881	34RS-6	*	13	12	
PLOT SCALE = 100.0000' / in.		CHECKED -	REVISED -			CONTRACT NO. 7847					
PLOT DATE = 6/12/2014		DATE -	REVISED -			(ILLINOIS) FED. AID PROJECT					

# TEMPORARY HOT-MIX ASPHALT TRANSITIONS



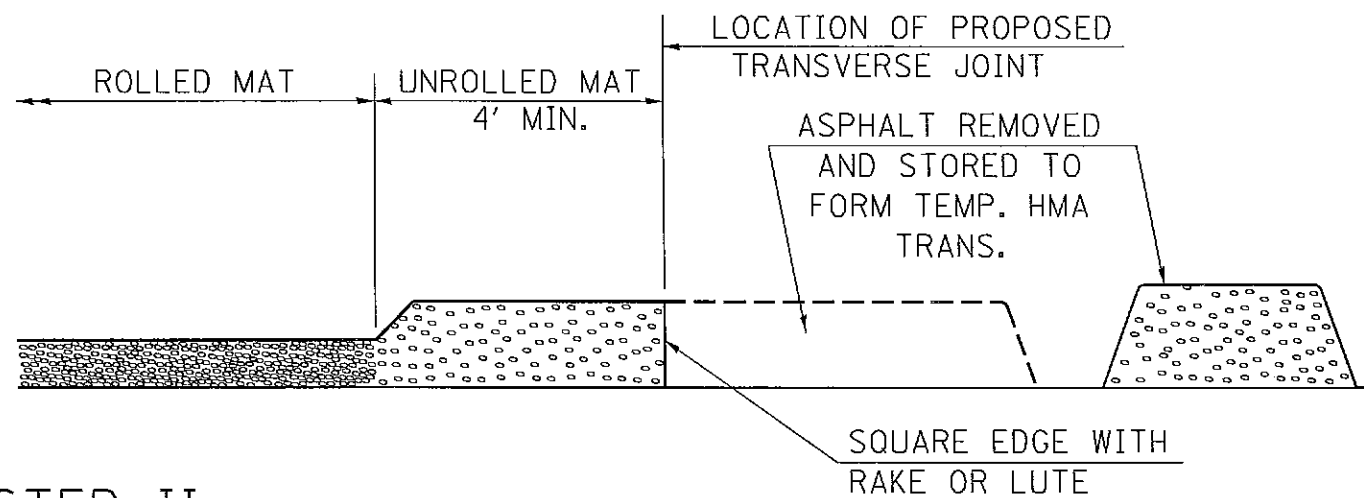
## STEP I

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.



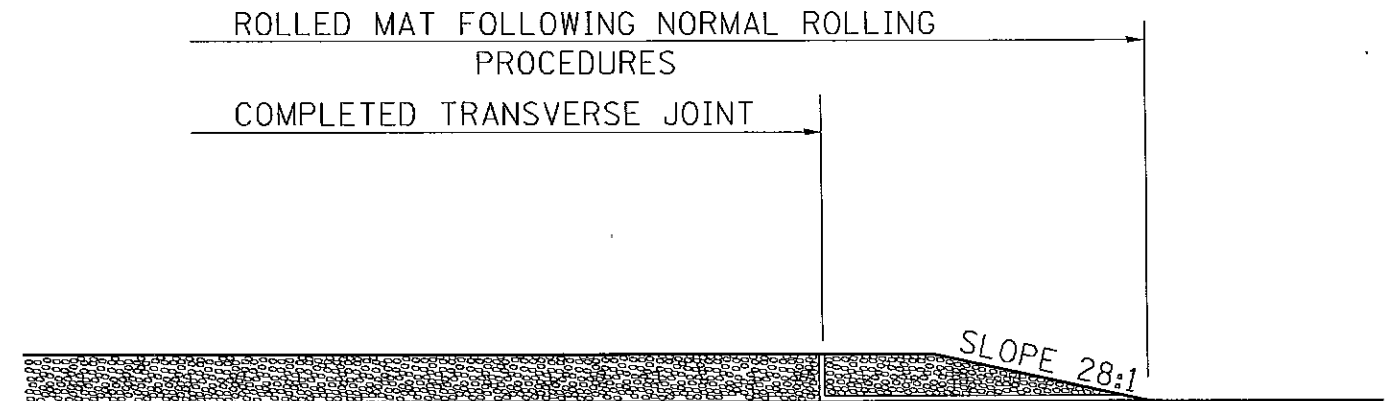
## STEP III

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

FILE NAME =	USER NAME = Stoverpg	DESIGNED -	REVISED -
ct:\pwork\pwork\stoverpg\0383753\784	7-shit-plan.dgn	DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 6/12/2014	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TEMPORARY HOT-MIX ASPHALT TRANSITIONS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
881	34RS-6		13	13
CONTRACT NO. 78205				
ILLINOIS FED. AID PROJECT				