

FOR INDEX OF SHEETS, SEE SHEET NO. 3

FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 5-7

FOR STRUCTURAL PAVEMENT DESIGN INFORMATION, SEE SHEET NO. 8-9

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

Table with columns: F.A.P. RTE., SECTION, COUNTY, TOTAL SHEETS, SHEET NO. Values: 328/853, 108RS-3(9,9-1,9Z)RS-5, WHITE/HAMILTON, 16, 1

PROPOSED HIGHWAY PLANS

FAP ROUTE 328 (US 45)/FAP ROUTE 853 (IL 14) SECTION 108RS-3;(9,9-1,9Z)RS-5

RESURFACING WHITE/HAMILTON COUNTY

C-99-033-17

TRAFFIC DATA

US 45 NORTH 2015 TRAFFIC DATA ADT = 2,350 WITH 24.5% TRUCKS

US 45 SOUTH 2015 TRAFFIC DATA ADT = 2,900 WITH 14.1%

IL 14 2015 TRAFFIC DATA ADT = 5,900 WITH 7.3% TRUCKS

TOWNSHIPS

ENFIELD MCLEANSBORO

COORDINATE SYSTEM : EPSG: 102671 NAD 1983 STATE PLANE ILLINOIS EAST FIPS 1201 FEET

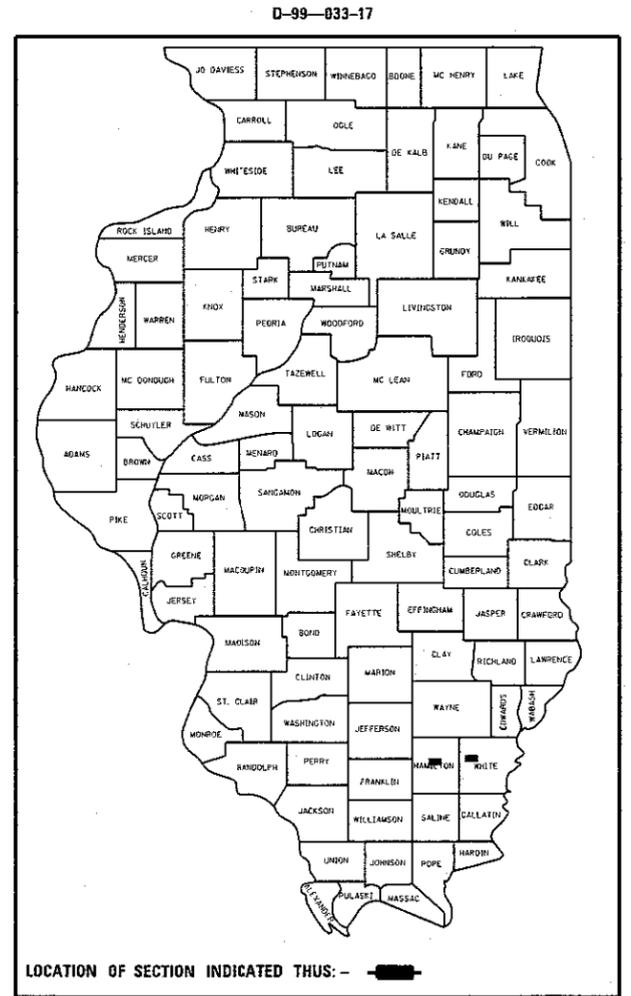
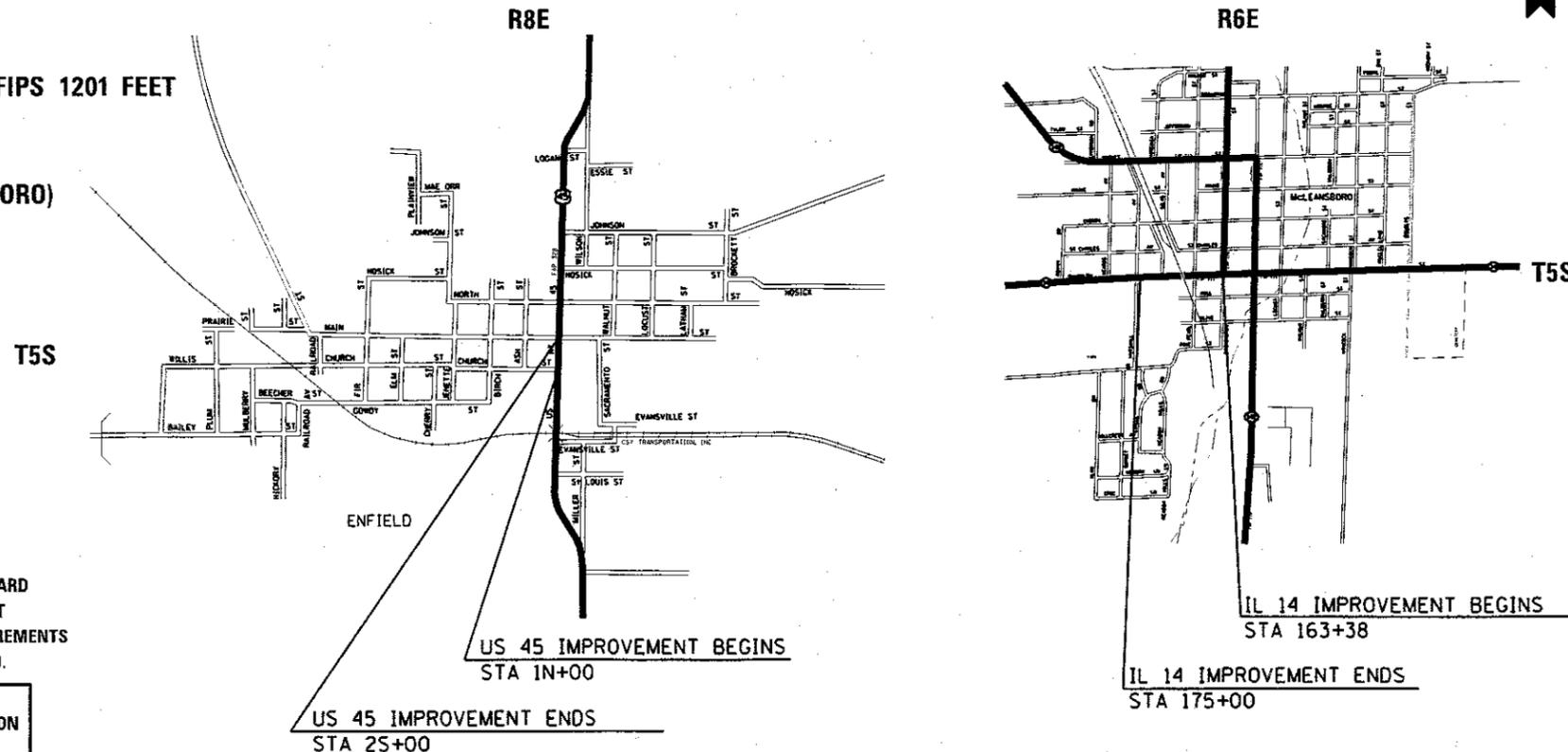
POSTED SPEED : 30 MPH WHITE COUNTY (ENFIELD) 35 MPH HAMILTON COUNTY (MCLEANSBORO)

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: SUSAN POE DESIGN ENGINEER: JAY KRANZ

CONTRACT NO. 78582



STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS. SUBMITTED May 16 20 17. DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER. ENGINEER OF DESIGN AND ENVIRONMENT. DIRECTOR OF HIGHWAYS, CHIEF ENGINEER.

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

GROSS LENGTH = 1,462 FT. = 0.277 MILE NET LENGTH = 1,462 FT. = 0.277 MILE

Prepared By: *[Signature]*  
DISTRICT STUDIES & PLANS ENGINEER

Examined By: *Nancy Hest*  
DISTRICT LAND ACQUISITION ENGINEER

Examined By: *Conne Nils*  
DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By: *Keith Kelly*  
DISTRICT OPERATIONS ENGINEER

Examined By: *KRQ*  
DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By: *Dwight J. [Signature]*  
DISTRICT CONSTRUCTION ENGINEER

Examined By: *[Signature]*  
DISTRICT MATERIALS ENGINEER

FILE NAME *	USER NAME = kranz,je	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SIGNATURE SHEET</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pwt\NL084EB10INTEC\illinois.gov\PWIDOT\Documents\1007 Offices\District 9\Projects\78582\DRAWN\CA\Sheets\78582.sht.dgn	DRAWN	REVISED -	REVISED -				328/853	10BRS-3(9,9-1,92)RS-5	WHITE/HAMILTON	16	2	
#MODELNAME*	PLOT SCALE = 100.0000 / in.	CHECKED -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	
	PLOT DATE = 5/15/2017	DATE -	REVISED -		CONTRACT NO. 78582							

## INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	SIGNATURE SHEET
3	INDEX OF SHEETS, STANDARDS
4	GENERAL NOTES, COMMITMENTS, MIXTURE REQUIREMENTS
5 - 7	SUMMARY OF QUANTITIES
8 - 10	TYPICAL SECTIONS
11 - 13	SCHEDULES OF QUANTITIES
14	SIDEWALK DETAILS
15	DETAIL: BUTT JOINTS, PAVEMENT MARKING
16	DETAIL: UNEVEN LANES SIGN, STEP CONSTRUCTION ROUGH GROOVED SURFACE SIGN

## HIGHWAY STANDARDS

000001-06.STANDARDS, SYMBOLS, ABBREVIATIONS, PATTERNS  
 001006.DECIMAL OF INCH AND FOOT  
 420001-08.PAVEMENT JOINTS  
 424011-03.CORNER PARALLEL CURB RAMPS  
 424021-03.DEPRESSED CORNER  
 442201-03.CLASS C & D PATCHES  
 606201-03.TYPE B GUTTER-INLET OUTLET & ENTR  
 701001-02.OFF-ROAD OPERATIONS, 2L,2W, MORE THAN 15' AWAY  
 701006-05.OFF-ROAD OPERATIONS, 2L,2W, 15' TO 24 FROM PAVEMENT EDGE  
 701011-04.OFF-ROAD MOVING OPERATIONS, 2L,2W, DAY ONLY  
 701301-04.LANE CLOSURE, 2L,2W, SHORT TIME OPERATIONS  
 701311-03.LANE CLOSURE, 2L,2W, MOVING OPERATIONS - DAY ONLY  
 701501-06.URBAN LANE CLOSURE, 2L,2W, UNDIVIDED  
 701801-06.SIDEWALK, CORNER OR CROSSWALK CLOSURE  
 701901-06.TRAFFIC CONTROL DEVICES  
 780001-05.TYPICAL PAVEMENT MARKINGS  
 781001-04.TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

FILE NAME =	USER NAME = kranzjc	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INDEX OF SHEETS STANDARDS</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 9\Projects\78582\Drawings\CADsheets\78582.sht.dgn	2017	CHECKED -	REVISED -			328/853	108RS-3(9,9-1,9Z)RS-5	WHITE/HAMILTON	16	3	
Default	PLOT SCALE = 100.0000' / in.	DATE -	REVISED -			SCALE: SHEET OF SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT			
	PLOT DATE = 5/26/2017	DATE -	REVISED -			CONTRACT NO. 78582					

## GENERAL NOTES

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.

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

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.

THE THICKNESS OF HOT MIX ASPHALT MIXTURE 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 MIXTURE IS PLACED.

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

FORMS FOR COMBINATION CONCRETE CURB AND GUTTER, IF NOT SLIPFORMED AS PER ARTICLE 606.05, SHALL BE OF METAL ONLY, EXCEPT THAT WOOD FORMS MAY BE USED ON SHORT RADIUS CURVES.

PROTECTIVE COAT SHALL BE APPLIED TO ALL GUTTER FLAGS, FACE OF CURB, AND MEDIAN SURFACE AS NEEDED ACCORDING TO THE SEASONAL REQUIREMENTS OF ARTICLE 420.18.

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.

HMA 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

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.

ALL PAVEMENT MARKINGS SHALL BE LOCATED AND RECORDED BEFORE SURFACE REMOVAL AND/OR HOT-MIX ASPHALT PLACEMENT

AFTER A LIFT OF HOT MIX ASPHALT HAS BEEN PLACED, THE LANE SHALL REMAIN CLOSED TO TRAFFIC UNTIL THE NEW MAT HAS COOLED TO 150 DEGREES FAHRENHEIT.

THERE ARE NO AVAILABLE WASTE SITES ON THE EXISTING RIGHT OF WAY WITHIN THE PROJECT LIMITS. DISPOSAL WILL BE THE RESPONSIBILITY OF THE CONTRACTOR AND WASTE MUST BE DISPOSED OF IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS

CONTRACTOR SHALL COMPLETE ALL PATCHING PRIOR TO THE HOT MIX ASPHALT SURFACE REMOVAL.

## COMMITMENTS

NONE

## MIXTURE REQUIREMENTS

LOCATION(S):	HOT-MIX ASPHALT SURFACE COURSE
MIXTURE USE(S):	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX D, N90
PG:	SBS PG76-22
DESIGN AIR VOIDS:	4.0%, 90 GYRATION DESIGN
MIXTURE COMPOSITION: (MIXTURE GRADATION)	IL-9.5MM
FRICTION AGGREGATE:	D SURFACE
MIXTURE WEIGHT:	112 LBS/SQYD/IN
QUALITY MANAGEMENT PROGRAM:	QCQA
SUBLOT SIZE:	N/A
NUMBER OF ROLLER PASSES 1/	N/A

LOCATION(S):	HOT-MIX ASPHALT BINDER COURSE
MIXTURE USE(S):	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, N90, IL-19.0
PG:	SBS PG76-22
DESIGN AIR VOIDS:	4.0%, 90 GYRATION DESIGN
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-19.0MM
FRICTION AGGREGATE:	NONE
MIXTURE WEIGHT:	112 LBS/SQYD/IN
QUALITY MANAGEMENT PROGRAM:	QCQA
SUBLOT SIZE:	N/A
NUMBER OF ROLLER PASSES 1/	N/A

1/ WHEN A NUMBER OF ROLLER PASSES IS SPECIFIED, THE CONTRACTOR MAY OPT TO USE INTELLIGENT COMPACTION IN LIEU OF DENSITY TESTING, UNDER THE QUALITY CONTROL FOR PERFORMANCE (QCP) PROGRAM.

FILE NAME =	USER NAME = kranzjc	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL NOTES, MIXTURE REQUIREMENTS, COMMITMENTS</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\1\084EBIDINTEG\illinois.gov\PIWIDOT\Documents\DOT Offices\District 9\Projects\78582\Drawings\CAD\Sheets\78582.sht.dgn	328/853	108RS-3(9,9-1,9Z)RS-5	WHITE/HAMILTON			16	4			
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 78582							
Default	PLOT DATE = 5/26/2017	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
SCALE:		SHEET OF SHEETS		STA.	TO STA.					



# SUMMARY OF QUANTITIES - CONT

COUNTY:  
ROUTE:  
FUNDING:  
LOCATION:

COUNTY:	WHITE	HAMILTON
ROUTE:	US 45	IL 14
FUNDING:	100% STATE	100% STATE
LOCATION:	RURAL	RURAL
	ROADWAY	ROADWAY
	0005	0005

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY	ROADWAY
44201383	CLASS C PATCHES, TYPE IV, 12 INCH	SQ YD	44		44.0
44213204	TIE BARS 3/4"	EACH	39	39.0	
60602800	CONCRETE GUTTER, TYPE B	FOOT	76	76.0	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	3	2.0	1.0
67100100	MOBILIZATION	LSUM	1	0.5	0.5
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	LSUM	1	0.5	0.5
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	LSUM	1	1.0	
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	5	5.0	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	322	90.0	232.0
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	49	10.0	39.0
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	2,694	80.0	2,614.0
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	26	26.0	
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	2,694	80.0	2,614.0

\* SPECIALTY ITEM

FILE NAME =	USER NAME = krantzje	DESIGNED -	REVISED -
\\IL084EBIDENEG\illinois.gov\PI001\Documents\DOT Offices\District 9\Projects\7058\DRAWING\CA\shesa\78582_sht.dgn		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: SHEET OF SHEETS STA. TO STA.

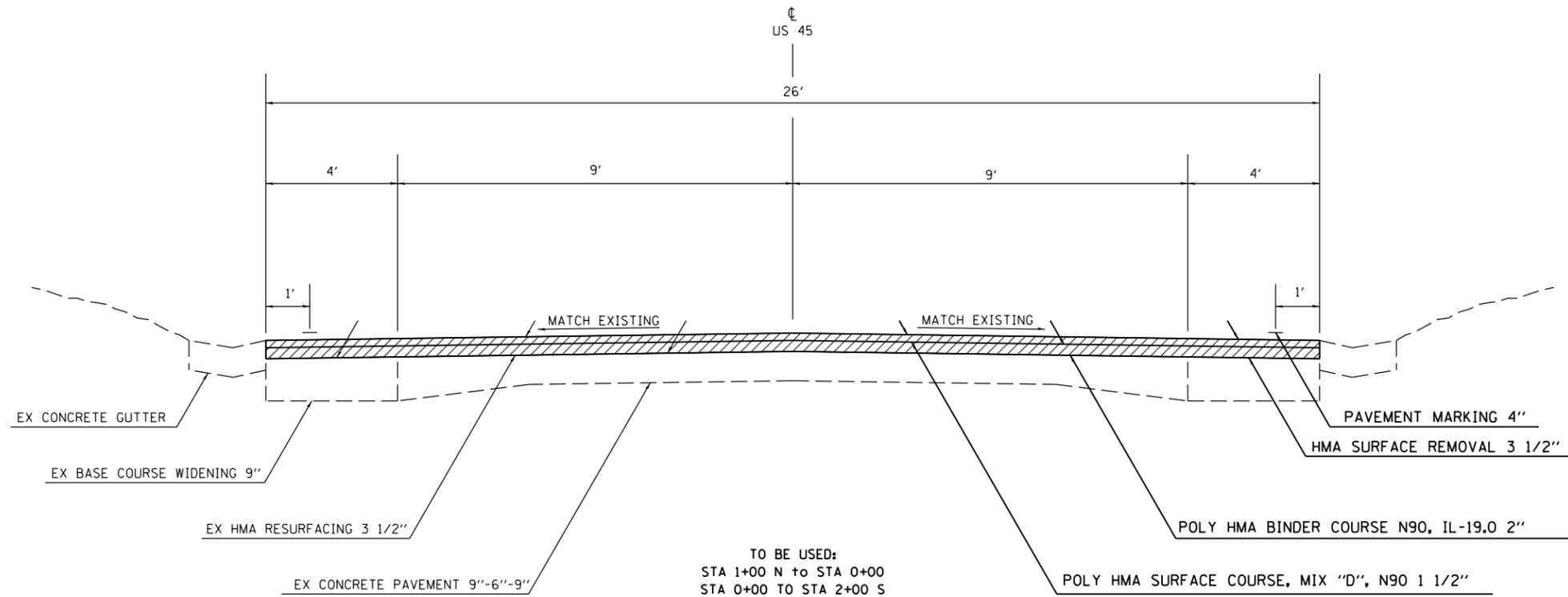
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328/853	108RS-3(19.9-1.9Z)RS-5	WHITE/HAMILTON	16	6
CONTRACT NO. 78582				
ILLINOIS FED. AID PROJECT				

## SUMMARY OF QUANTITIES - CONT

COUNTY:	COUNTY:	WHITE	HAMILTON
ROUTE:	ROUTE:	US 45	IL 14
FUNDING:	FUNDING:	100% STATE	100% STATE
LOCATION:	LOCATION:	RURAL	RURAL

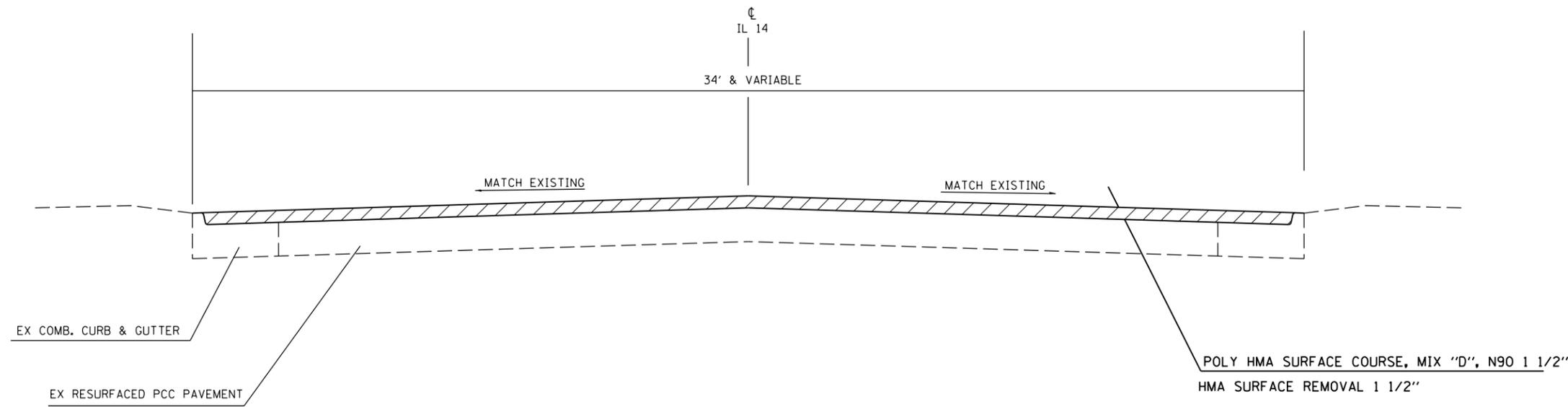
CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY	
				0005	0005
* 78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	84	84.0	
* 78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	26	26.0	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	19	4.0	15.0
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	<del>56</del>	<del>28.0</del>	<del>28.0</del>
X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	50 FT	953	82.0	871.0

⚡ \* SPECIALTY ITEM

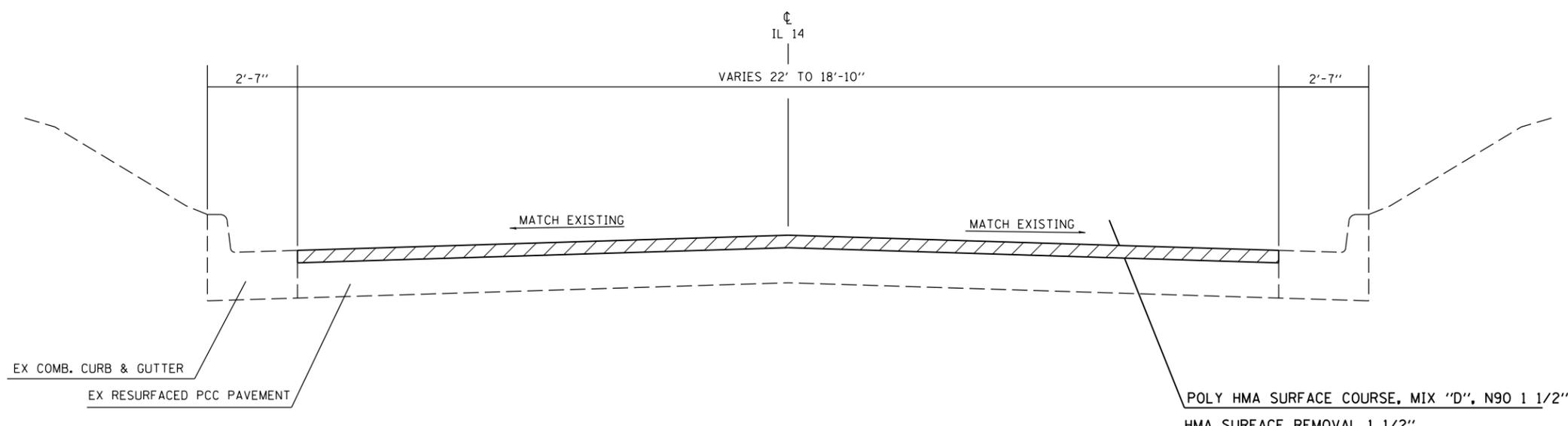


STRUCTURAL DESIGN TRAFFIC: US 45		Year	2015
PV =	1775	SU =	300
		MU =	275
ROAD/STREET CLASSIFICATION:		Class	II
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:			
P =	50	S =	50
		M =	50
TRAFFIC FACTOR:		Actual TF =	1.58
		AC Type =	
		Minimum TF =	3.17
PG GRADE:		Binder =	PG 76-22
		Surface =	PG 76-22
SUBGRADE SUPPORT RATING:			
SSR =	POOR	(Sta.	1N+00 to 2S+00
SSR =		(Sta.	to )

TO BE USED:  
 STA 1+00 N TO STA 0+00  
 STA 0+00 TO STA 2+00 S



TO BE USED:  
 STA 163+38 TO STA 166+98  
 STA 169+71 TO STA 171+46 (23.8' WIDTH)



TO BE USED:  
 STA 166+98 TO STA 169+71

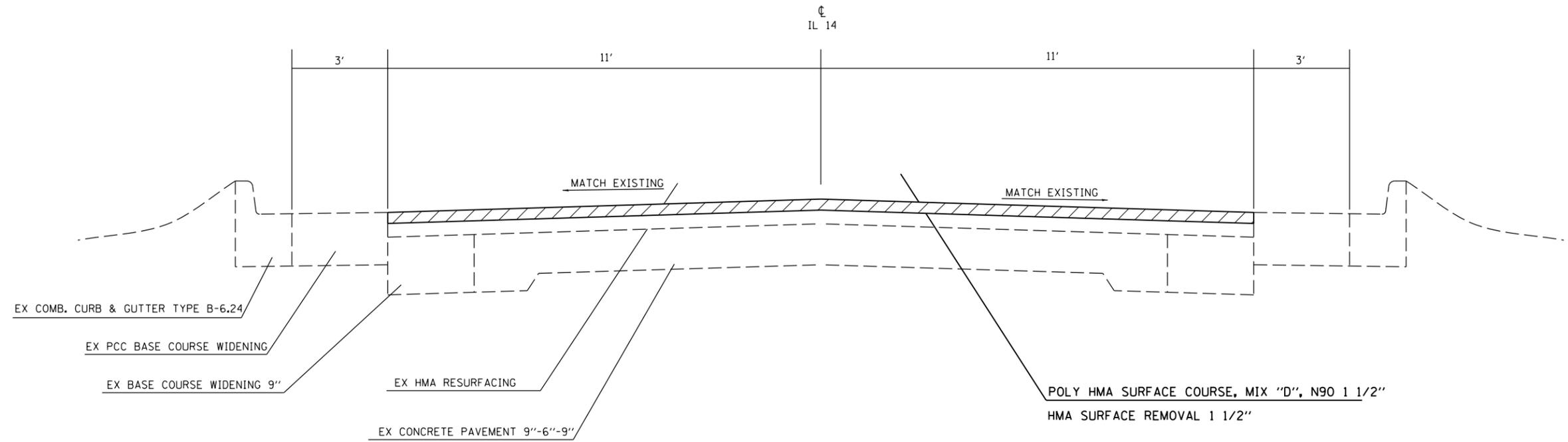
STRUCTURAL DESIGN TRAFFIC: IL 14		Year	2015
PV =	5470	SU =	30
		MU =	130
ROAD/STREET CLASSIFICATION:		Class	II
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:			
P =	50	S =	50
		M =	50
TRAFFIC FACTOR:		Actual TF =	0.95
		AC Type =	
		Minimum TF =	3.17
PG GRADE:	Binder =	PG 76-22	Surface =
		PG 76-22	
SUBGRADE SUPPORT RATING:			
SSR =	POOR	(Sta. 163+38 to	175+00)
SSR =		(Sta. _____ to	_____)

FILE NAME =	USER NAME = krenzjc	DESIGNED -	REVISED -
pw:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 9\Projects\78582\Drawings\CAD\Sheets\78582.sht.dgn		CHECKED -	REVISED -
Default	PLOT SCALE = 100.0000' / in.	DATE -	REVISED -
	PLOT DATE = 5/26/2017		

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>TYPICALS</b>			
<b>IL 14</b>			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328/853	10BRS-3(9,9-1,9Z)RS-5	WHITE/HAMILTON	16	9
CONTRACT NO. 78582			ILLINOIS FED. AID PROJECT	



TO BE USED:  
STA 171+46 TO STA 175+00

FILE NAME =	USER NAME = krenzjc	DESIGNED -	REVISED -
pw:\IL\084EBIDINTEG\illinois.gov\PWIDOT\Documents\DOT Offices\District 9\Projects\78582\Drawings\CAD\Sheets\78582.sht.dgn		DRAWN -	REVISED -
Default	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -
	PLOT DATE = 5/26/2017	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>TYPICALS IL 14</b>			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328/853	10BRS-3(9,9-1,9Z)RS-5	WHITE/HAMILTON	16	10
CONTRACT NO. 78582			ILLINOIS FED. AID PROJECT	

## HMA SURFACING SCHEDULE

LOCATION: STATION TO STATION	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90 TON	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90 TON	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT) POUND	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2" SQ YD	HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/2" SQ YD	TEMPORARY RAMP SQ YD
<b>FAP 328 (US 45)</b>						
STA 1+00. TO STA 0+00. BK 26.00	24.3	32.4	195.0		288.9	21.7
STA 0+00. AH TO STA 2+00. 26.00	48.5	64.6	390.0		578.1	21.7
<b>US 45 IMPROVEMENT TOTALS:</b>	<b>72.8</b>	<b>97.0</b>	<b>585.0</b>	<b>0.0</b>	<b>867.0</b>	<b>43.4</b>
<b>FAP 853 (IL 14)</b>						
STA 163+38. TO STA 166+98. 34.00	114.2		918.0	1,360.0		28.3
STA 166+98. TO STA 169+71. 22.00	56.1		450.5	667.3		
STA 169+71. TO STA 171+46. 24.00	39.2		315.0	466.7		
STA 171+46. TO STA 175+00. 22.00	72.7		584.5	866.0		18.3
<b>IL 14 IMPROVEMENT TOTALS:</b>	<b>282.2</b>	<b>0.0</b>	<b>2,268.0</b>	<b>3,360.0</b>	<b>0.0</b>	<b>46.6</b>
<b>IMPROVEMENT TOTAL:</b>	<b>355.0</b>	<b>97.0</b>	<b>2,853.0</b>	<b>3,360.0</b>	<b>867.0</b>	<b>90.0</b>

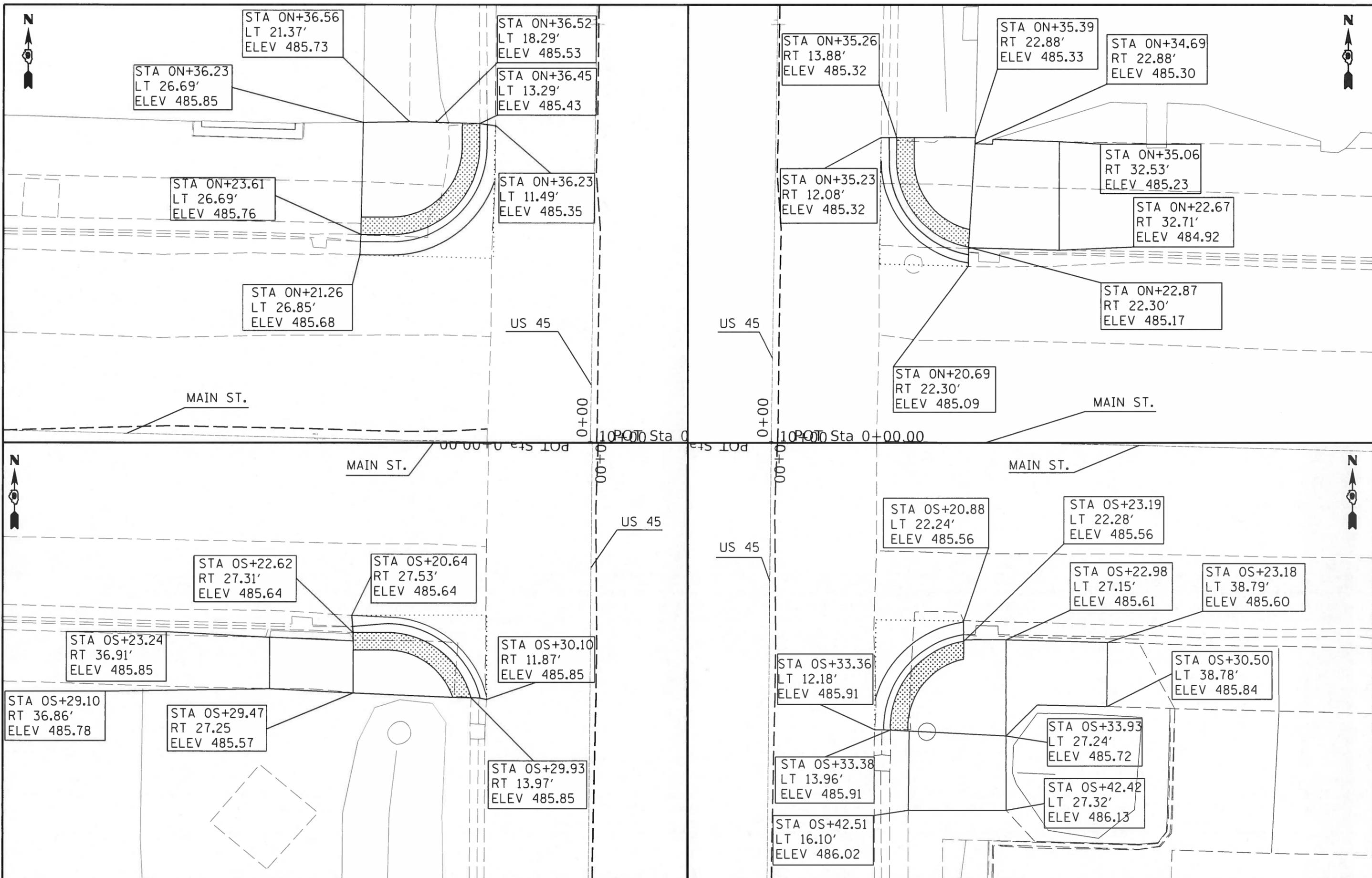
## GUTTER AND SIDEWALK SCHEDULE

LOCATION: STATION TO STATION				GUTTER REMOVAL	CONCRETE GUTTER TYPE B	TIE BARS 3/4"	PCC SIDEWALK 4 INCH	SIDEWALK REMOVAL	DETECTABLE WARNINGS	PROTECTIVE COAT
				FOOT	FOOT	EACH	SQ FT	SQ FT	SQ FT	SQ YD
FAP 328 (US 45)										
LT	STA.	ON+25	NW QUAD	23.3	23.3	12.0	151.6	151.6	40.9	21.4
RT	STA.	ON+25	NE QUAD	17.9	17.9	9.0	211.4	211.4	30.4	27.0
LT	STA.	OS+25	SE QUAD	15.5	15.5	8.0	308.8	308.8	25.7	37.3
RT	STA.	OS+25	SW QUAD	19.3	19.3	10.0	136.2	136.2	31.0	19.3
<b>IMPROVEMENT TOTAL:</b>				<b>76.0</b>	<b>76.0</b>	<b>39.0</b>	<b>808.0</b>	<b>808.0</b>	<b>128.0</b>	<b>105.0</b>

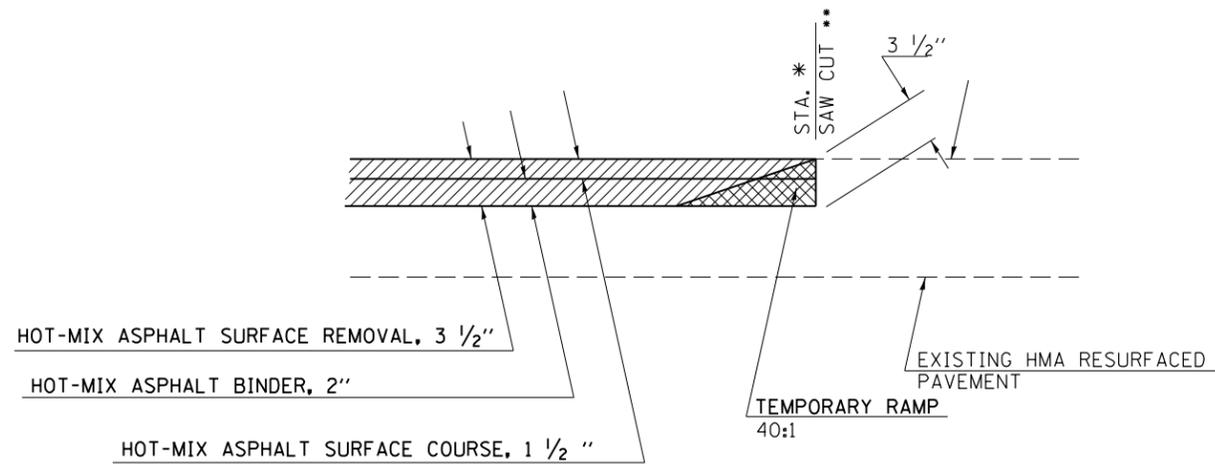
NOTE: ALL STATIONS ARE APPROXIMATE. LOCATIONS AND QUANTITIES WILL BE DETERMINED BY THE ENGINEER.

## PAVEMENT MARKING SCHEDULE

LOCATION: STATION TO STATION	PAINT PAVEMENT MARKING			
	LINE 4"		LINE 12"	LINE 24"
	SKIP DASH YELLOW FOOT	SOLID WHITE FOOT	SOLID WHITE FOOT	SOLID WHITE FOOT
<b>FAP 328 (US 45)</b>				
STA 1+00. TO STA 0+00. BK NORTH	30.0			
STA 0+40. NORTH			42.0	13.0
STA 0+00. AH TO STA 2+00. SOUTH	50.0			
STA 0+40. SOUTH			42.0	13.0
<b>US 45 TOTALS:</b>	<b>80.0</b>	<b>0.0</b>	<b>84.0</b>	<b>26.0</b>
<b>FAP 853 (IL 14)</b>				
STA 163+38. TO STA 175+00.	290.0	2,324.0		
<b>IL 14 TOTALS:</b>	<b>290.0</b>	<b>2,324.0</b>	<b>0.0</b>	<b>0.0</b>
<b>IMPROVEMENT TOTAL:</b>	<b>2,694.0</b>		<b>84.0</b>	<b>26.0</b>



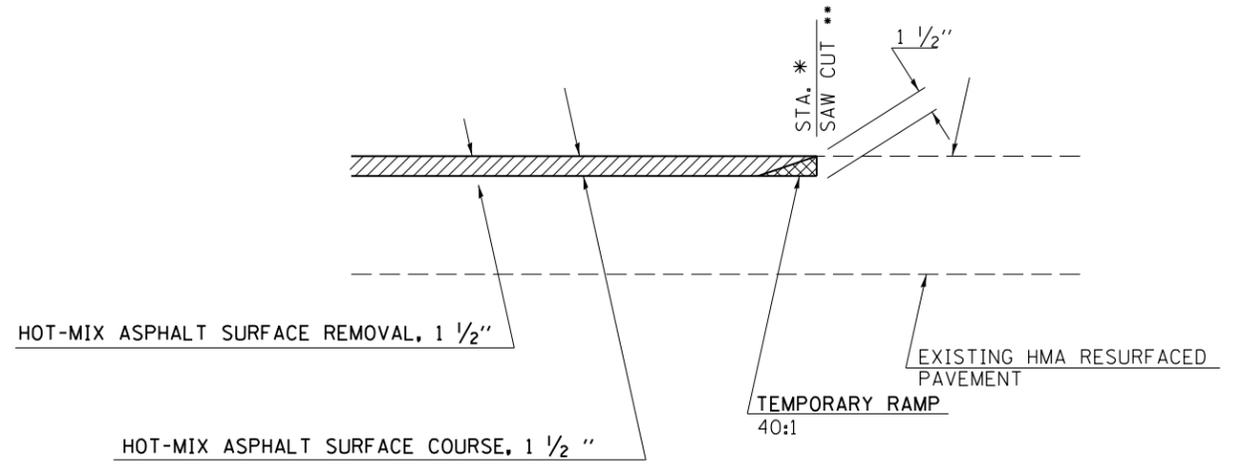
FILE NAME =	USER NAME = kranzjc	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SIDEWALK RAMP DETAILS - LOCATION 1</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL084EBIDINTEG\Illinois.gov\PWIDOT\Documents\DOT Offices\District 9\Projects\78582\CADData\CADsheets\78582	DRAWN -	REVISED -	REVISED -		328/853	108RS-3;(9.9-1.92)RS-5	WHITEHAMILTON	16	14		
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -	REVISED -		CONTRACT NO. 78582			ILLINOIS FED. AID PROJECT			
SMODELNAME	DATE -	REVISED -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	



\*\* SAW CUT INCLUDED IN COST OF BUTT-JOINT

**\* TO BE USED:**

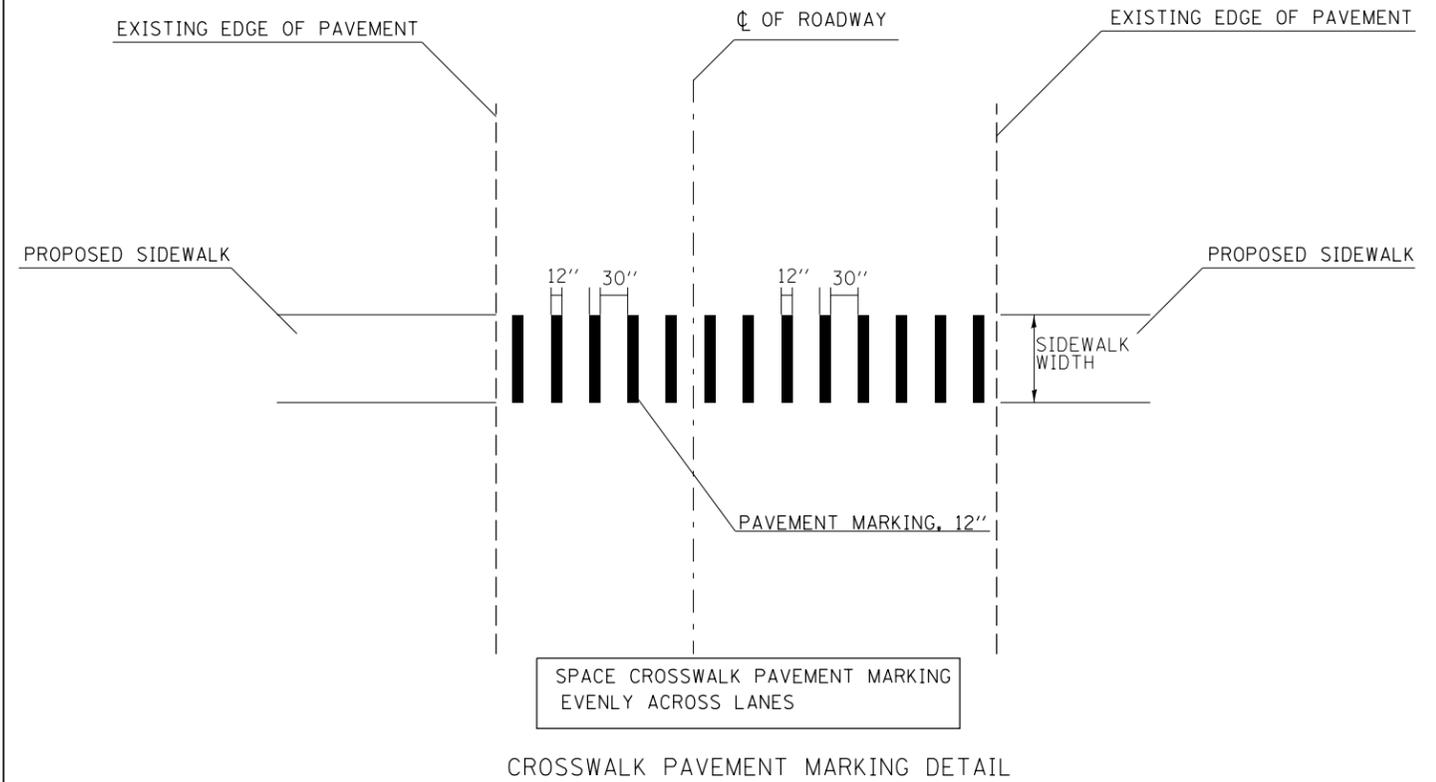
US 45 STA 1N+00  
US 45 STA 2S+00



\*\* SAW CUT INCLUDED IN COST OF BUTT-JOINT

**\* TO BE USED:**

IL 14 STA 163+38  
IL 14 STA 175+00



CROSSWALK PAVEMENT MARKING DETAIL

FILE NAME =	USER NAME = kranzjc	DESIGNED -	REVISED -
p:\11\084EBIDINTEG\illinois.gov\PIWIDOT\Documents\IDOT Offices\District 9\Projects\78582\Drawings\CAD\Sheets\78582.sht.dgn		CHECKED -	REVISED -
Default	PLOT DATE = 5/26/2017	DATE -	REVISED -

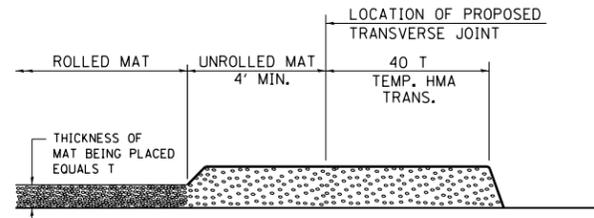
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DETAILS: BUTT JOINT,  
CROSSWALK PAVEMENT MARKING

SCALE: SHEET OF SHEETS STA. TO STA.

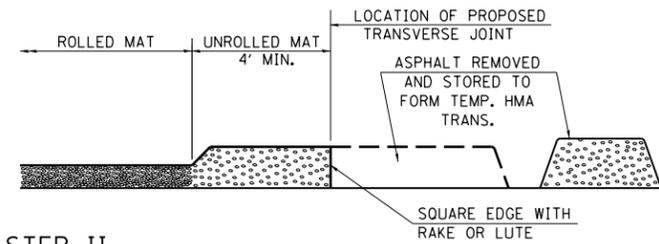
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328/853	10BR5-3(9,9-1,9Z)RS-5	WHITE/HAMILTON	16	15
CONTRACT NO. 78582			ILLINOIS FED. AID PROJECT	

## TEMPORARY HOT-MIX ASPHALT TRANSITIONS



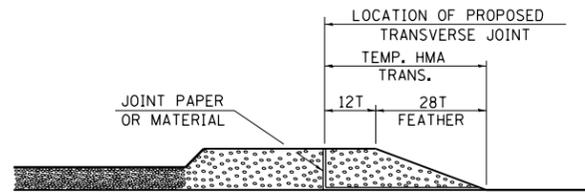
### STEP I

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.



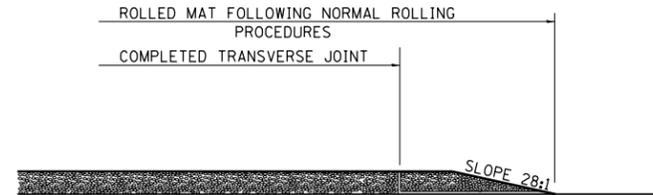
### STEP II

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 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 IV

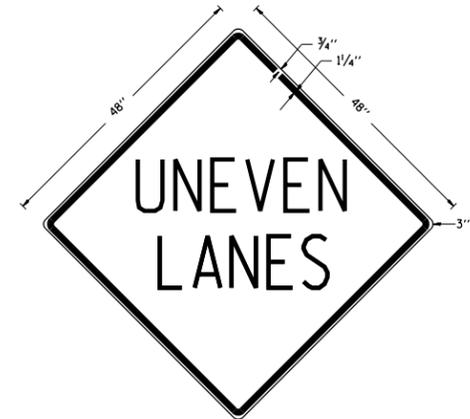
1. COMPLETE TEMPORARY TRANSITION BY ROLLING.
2. TO RESUME PAVING, AT THE JOINT, REMOVE TEMPORARY TRANSITION AND DISPOSE OF THE MATERIAL ACCORDING TO ART. 202.03 OF THE STD. SPECS. (COST INCLUDED IN THE CONTRACT).
3. CONSTRUCTING THE TEMPORARY TRANSITIONS WILL NOT BE PAID FOR SEPARATELY IN ACCORDANCE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

## 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.

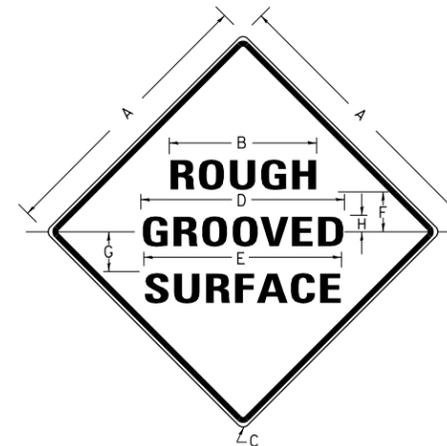
IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

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

STD. 9-41

REVISIONS	
DRAWN	2-15-89
REVISED	4-06-93
REDDESIGNED	
RESIZED	
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 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.

STD. 9-39

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

FILE NAME =	USER NAME = kronzjc	DESIGNED -	REVISED -
pw:\IL\084EBIDINTEG\illinois.gov\PIWIDOT\Documents\IDOT Offices\District 9\Projects\78582\Drawings\CAD\Sheets\78582.sht.dgn		DRAWN -	REVISED -
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/26/2017	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**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.
328/853	10BR5-3(9,9-1,9Z)RS-5	WHITE/HAMILTON	16	16
CONTRACT NO. 78582			ILLINOIS FED. AID PROJECT	