

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

FAP ROUTE 881 (US 45)
SECTION (37, 38)RS-6
PROJECT ACSTP-0881(021)
RESURFACING
JOHNSON COUNTY

C-99-055-15

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
881	(37, 38)RS-6	JOHNSON	16	1
		ILLINOIS	CONTRACT NO. 78487	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 4-5

TRAFFIC DATA

US 45 TRAFFIC DATA (NORTH END OF PROJECT)
2013 ADT = 2,950 WITH 15.4% TRUCKS

US 45 TRAFFIC DATA (MIDDLE OF PROJECT)
2013 ADT = 3,550 WITH 10.0% TRUCKS

US 45 TRAFFIC DATA (SOUTH END OF PROJECT)
2013 ADT = 5,700 WITH 4.4% TRUCKS

POSTED SPEED LIMIT 35-50 MPH

TOWNSHIPS

BLOOMFIELD
VIENNA

STATION EQUATIONS

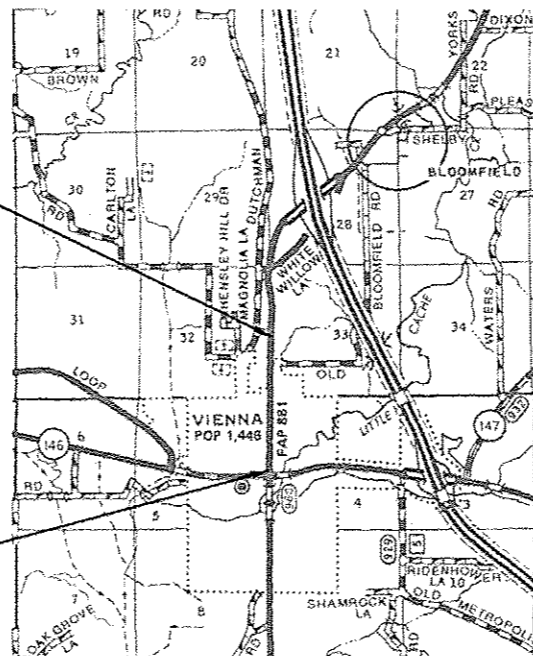
STA. 1685+06.41 BK = STA. 1691+50.41 AH
STA. 1699+29.0 BK = STA. 1699+29.3 AH

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.

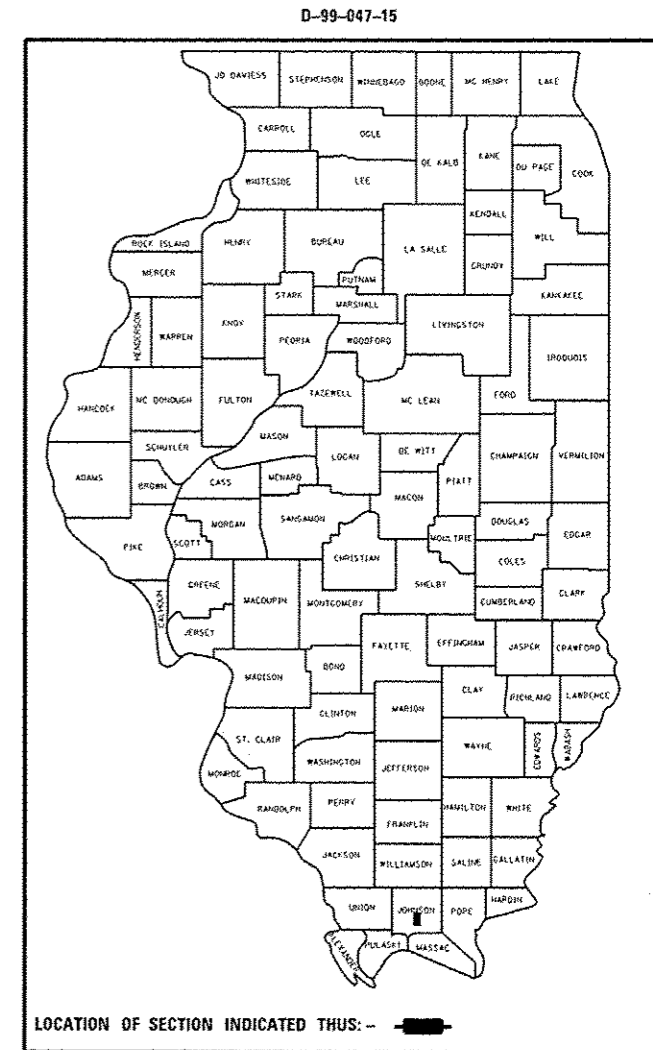
J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

PROJECT ENGINEER: SUSAN POE
DESIGN ENGINEER: JAY KRANZ

CONTRACT NO. 78487



GROSS LENGTH = 6,055.7 FT. = 1.15 MILE
NET LENGTH = 6,055.7 FT. = 1.15 MILE



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED March 11 2016

Jeffrey L. Keim
REGION FIVE ENGINEER

Maureen M. Addis P.E.
Acting ENGINEER OF DESIGN AND ENVIRONMENT

Maureen M. Addis
DIRECTOR OF PROGRAM DEVELOPMENT

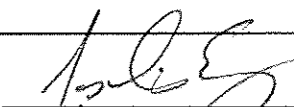

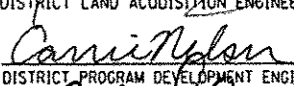


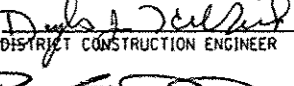
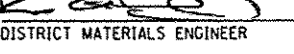
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INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS, STANDARDS
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4 - 5	SUMMARY OF QUANTITIES
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12	DETAIL: BUTT JOINTS
13	DETAIL: HMA TRANSITIONS
14	DETAIL: SIDE ROAD DETAILS
15	DETAIL: ENTRANCE DETAILS
16	DETAIL: TEMP HMA TRANSITIONS, UNEVEN LANES SIGN, ROUGH GROOVED SURFACE SIGN

STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
406201-01	MAILBOX TURNOUT
442201-03	CLASS C AND D PATCHES
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-03	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS > 45MPH
701311-03	LANES CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701336-06	LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES, FOR SPEEDS > 45MPH
701901-05	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

Prepared By:	
	DISTRICT STUDIES & PLANS ENGINEER
Examined By:	
	DISTRICT LAND ACQUISITION ENGINEER
Examined By:	
	DISTRICT PROGRAM DEVELOPMENT ENGINEER
Examined By:	
	DISTRICT OPERATIONS ENGINEER
Examined By:	
	DISTRICT PROJECT IMPLEMENTATION ENGINEER
Examined By:	
	DISTRICT CONSTRUCTION ENGINEER
Examined By:	
	DISTRICT MATERIALS ENGINEER

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.
BITUMINOUS MATERIALS:	
MILLED OR AGED PAVEMENT	0.05 LB/SQ. FT.
BETWEEN LIFTS	0.025 LB/SQ. FT.
ON AGGREGATE SURFACE	0.25 LB./SQ. FT.
AGGREGATE (PRIME COAT)	0.0015 TONS/SQ. YD.
RIPRAP	1.50 TONS/CU. YD.

THE ALGEBRAIC DIFFERENCE BETWEEN THE PAVEMENT AND SHOULDER SLOPES SHALL NOT EXCEED 8%. THE SHOULDER ON THE OUTSIDE OF SUPERELEVATED CURVES SHALL BE FLATTENED ACCORDINGLY.

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 SURFACE REMOVAL, SURFACE COURSE, AND LEVELING BINDER.

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 5.5 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 OR 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.

SAWCUTS REQUIRED FOR BUTT JOINTS SHALL NOT BE PAID FOR SEPERATELY BUT SHALL BE INCLUDED IN THE COST OF THE BUTT JOINT.

QUANTITIES SHOWN IN THE PLANS FOR PATCHING ARE ESTIMATES. THE ACTUAL AMOUNT OF PATCHING REQUIRED SHALL BE DETERMINED BY THE ENGINEER. PATCHING SURVEY DATE: JULY 2015.

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 PATCHING PRIOR TO THE HMA SURFACE REMOVAL.

COMMITMENTS

NONE

MIXTURE REQUIREMENTS

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

LOCATION(S):	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:	QC/OA

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

LOCATION(S):	INCIDENTAL HOT-MIX ASPHALT SURFACING
MIXTURE USE(S):	HOT-MIX ASPHALT SURFACE COURSE, MIX C, N70
AC/PG:	PG64-22
ABR% (MAX):	SEE SPECIAL PROVISION
DESIGN AIR VOIDS:	4.0%, 70 GYRATION DESIGN
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-9.5MM
FRICTION AGGREGATE:	C SURFACE
QUALITY MANAGEMENT PROGRAM:	QC/OA

SUMMARY OF QUANTITIES

COUNTY:	JOHNSON
ROUTE:	FAP 881, US 45
FUNDING:	80% FED 20% STATE
LOCATION:	RURAL
	ROADWAY
	0005

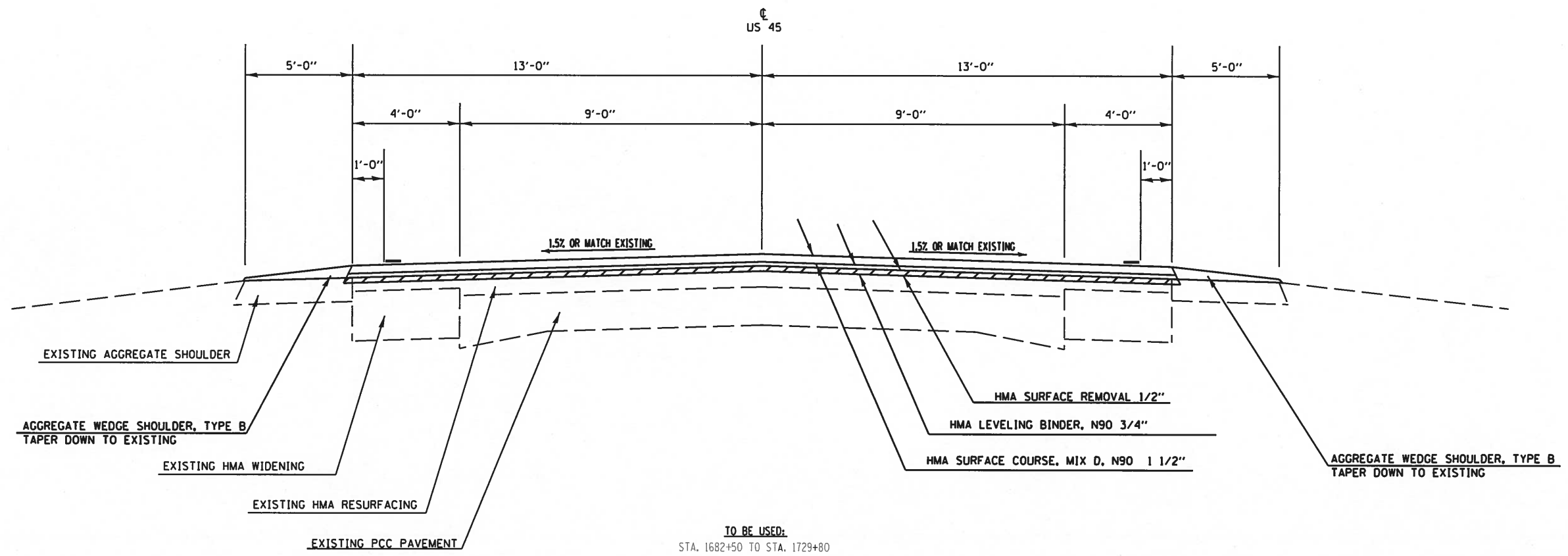
CODE NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	11,341
40600647	LEVELING BINDER (MACHINE METHOD), IL-9, 5FG, N90	TON	551
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	159
40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SQ YD	78
40600990	TEMPORARY RAMP	SQ YD	36
40603345	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90	TON	1,477
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	89
44000151	HOT-MIX ASPHALT SURFACE REMOVAL, 1/2"	SQ YD	11,803
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	4,536
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	1,156
44201415	CLASS C PATCHES, TYPE II, 15 INCH	SQ YD	125
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	488
67100100	MOBILIZATION	LSUM	1
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	LSUM	1

SUMMARY OF QUANTITIES - CONT

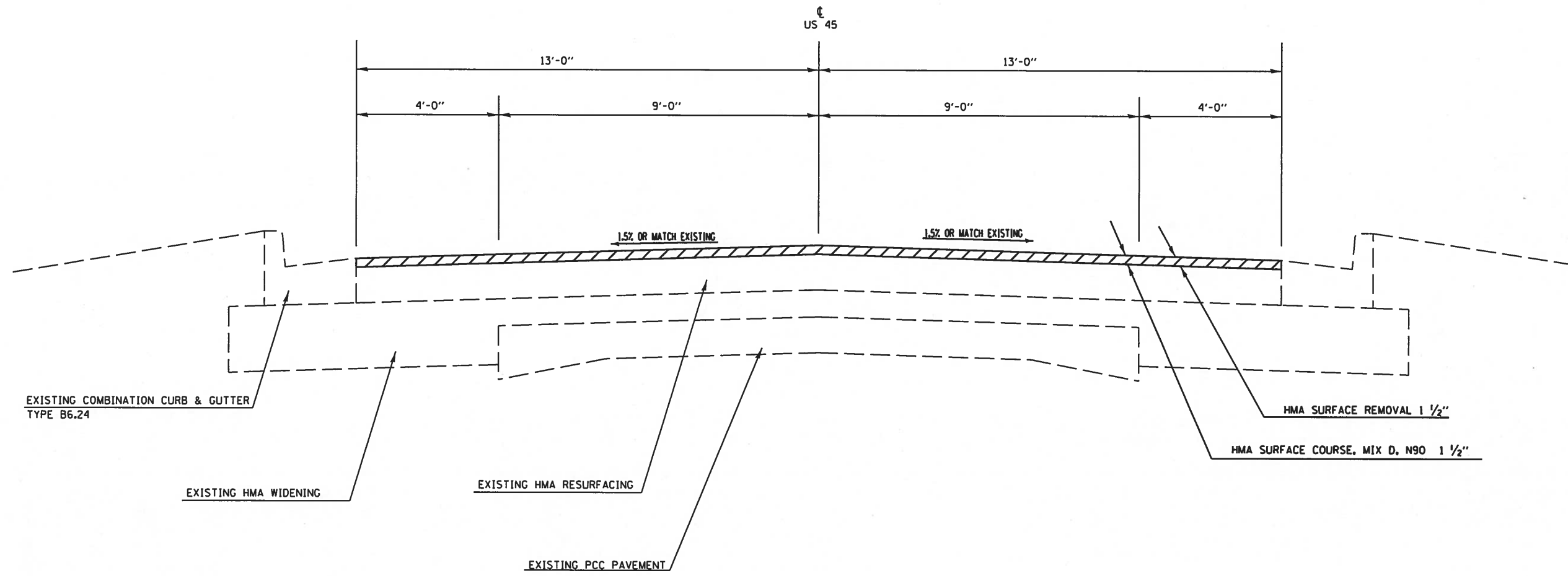
COUNTY:	JOHNSON
ROUTE:	FAP 881, US 45
FUNDING:	80% FED 20% STATE
LOCATION:	RURAL
	ROADWAY
	0005

CODE NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	LSUM	1
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	4
70300100	SHORT TERM PAVEMENT MARKING	FOOT	2,016
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	18,464
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	224
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	224
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	83
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	18,464
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	85

* SPECIALTY ITEM

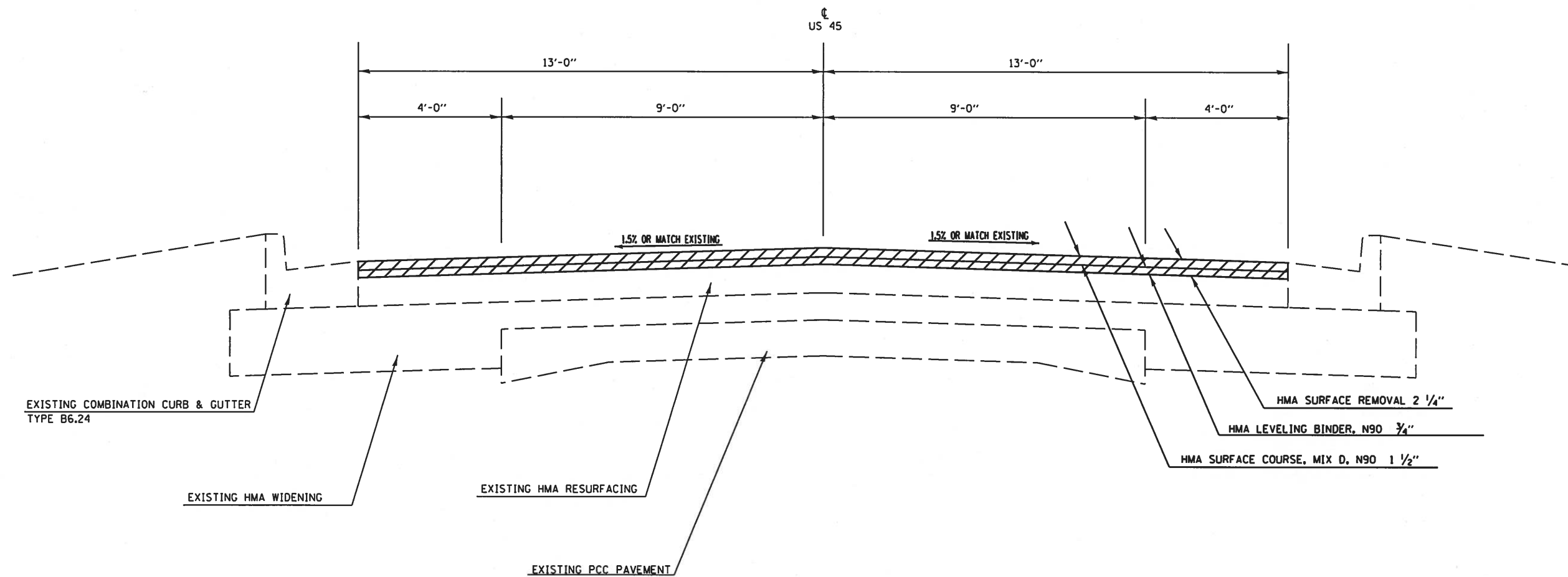


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PLOT SCALE = 100.0000' / 1"	CHECKED -	REVISED -	REVISED -		CONTRACT NO. 78487			ILLINOIS FED. AID PROJECT				
#MODELNAME#	DATE -	REVISED -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.		



TO BE USED:
STA. 1729+80 TO STA. 1745+50

FILE NAME =	USER NAME = kranzjc	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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										CONTRACT NO. 78487		



TO BE USED:
STA. 1745+50 TO STA. 1749+50

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PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -	REVISED -			CONTRACT NO. 78487				
MODELNAME#	DATE -	REVISED -	REVISED -			ILLINOIS FED. AID PROJECT				
					SCALE:	SHEET OF SHEETS		STA. TO STA.		

HMA SURFACING SCHEDULE

LOCATION: STATION TO STATION	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90	LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N90	BITUMINOUS MATERIALS (TACK COAT)	AGGREGATE WEDGE SHOULDERS, TYPE B	HOT-MIX ASPHALT SURFACE REMOVAL, 1/2"	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	TEMPORARY RAMP
	TON	TON	POUND	TON	SQ YD	SQ YD	SQ YD	SQ YD	
FAP 881									
US 45									
STA 1682+50. TO STA 1685+06.41 BK	62.5	31.5	500.0	28.4	740.7		87.0	14.0	
STA 1691+50.41 AH TO STA 1699+29. BK	189.8	95.6	1,518.3	86.2	2,249.3				
STA 1699+29.3 AH TO STA 1729+80.	743.9	374.6	5,948.9	338.4	8,813.0				
STA 1729+80. TO STA 1745+50.	382.8		2,041.0			4,536.0			
STA 1745+50. TO STA 1749+50.	98.0	49.3	780.8				1,156.0	22.0	
SCHEDULE TOTALS:	1,477.0	551.0	10,789.0	453.0	11,803.0	4,536.0	1,156.0	87.0	36.0
SIDE ROAD & ENTRANCE SCHEDULE			552.0	35.0				72.0	
IMPROVEMENT TOTAL:	1,477.0	551.0	11,341.0	488.0	11,803.0	4,536.0	1,156.0	159.0	36.0

ENTRANCE SCHEDULE

LOCATION: STATION TO STATION	NUMBER OF LOCATIONS	EXISTING SURFACE MATERIAL	INCIDENTAL HOT-MIX ASPHALT SURFACING	BITUMINOUS MATERIALS (TACK COAT)	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	PCC SURFACE REMOVAL - BUTT JOINT	AGGREGATE WEDGE SHOULDERS, TYPE B
			TON	POUND	SQ YD	SQ YD	TON
FAP 881							
US 45							
ENTRANCES							
PRIVATE	6	AGGREGATE	6.3	144			3.2
PRIVATE	3	PAVED	3.1	14.4			
COMMERCIAL	2	AGGREGATE	3	70			1.6
COMMERCIAL	7	PAVED	10.7	49			
FIELD	2						2.1
MAILBOX TURNOUT	6	AGGREGATE					28.1
	6	PAVED	27.5	110.3			
SIDE ROADS							
RT WHITE WILLOW LN		ASPHALT	9.1	39.0	36.0		
LT OLD BLOOMFIELD RD		ASPHALT	9.6	41.3	36.0		
RT GALEENER ST		CONCRETE	10.2	43.5		38.0	
RT SENIOR AVE		CONCRETE	9.5	40.5		40.0	
SCHEDULE TOTALS:			89.0	552.0	72.0	78.0	35.0
FROM SURFACING SCHEDULE:				10,789.0	87.0		453
IMPROVEMENT TOTALS:			89.0	11,341.0	159.0	78.0	488.0

NOTE: USE BITUMINOUS MATERIALS (TACK COAT) ON AGGREGATE BUT AT THE RATE OF 0.25 LB/SF

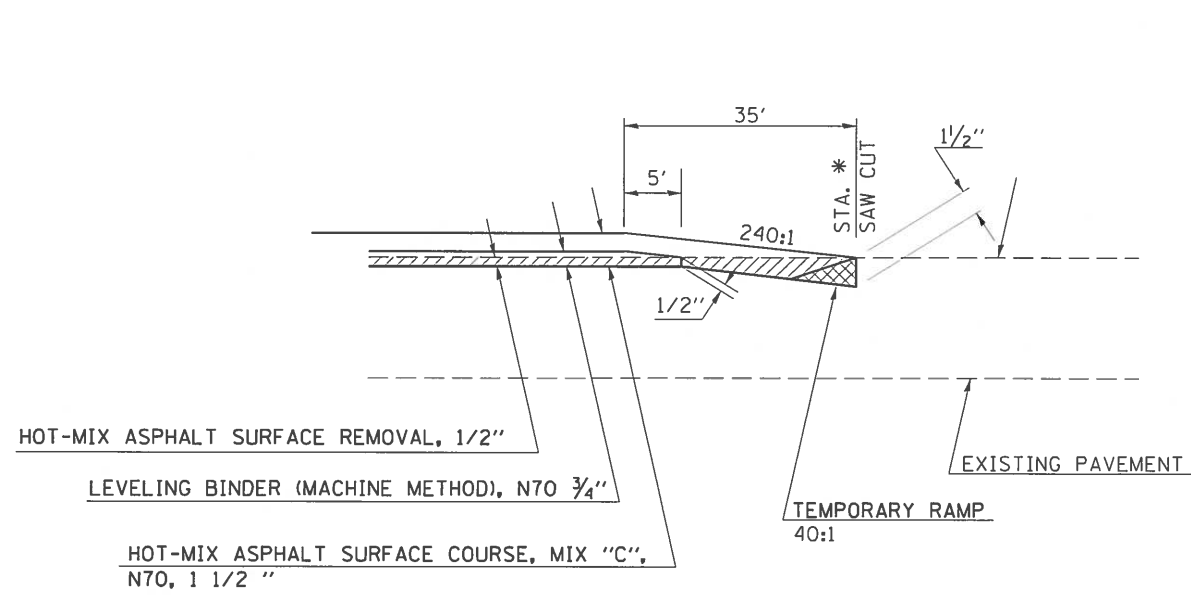
PAVEMENT MARKING SCHEDULE

STATION TO STATION	PAINT PAVEMENT MARKING - LINE 4 INCH			THERMOPLASTIC PAVEMENT MARKING LETTERS & SYMBOLS SQ FT	SHORT TERM PAVEMENT MARKING FOOT	SHORT TERM PAVEMENT MARKING REMOVAL SQ FT	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL EACH
	WHITE SOLID	YELLOW SOLID	YELLOW SKIP-DASH				
	FOOT	FOOT	FOOT				
FAP 881							
US 45							
STA 1682+50.	TO STA 1685+06.41 BK	513	513		72	8.0	3
STA 1691+50.41 AH	TO STA 1695+50.	799	799		120	13.3	5
STA 1695+50.	TO STA 1705+25.	1,950	975	240	288	32.0	12
STA 1705+25.	TO STA 1707+25.	400		50	60	6.7	3
STA 1707+25.	TO STA 1716+50.	1,850	925	230	276	30.7	12
STA 1716+50.	TO STA 1729+80.	2,660	2,660		396	44.0	17
STA 1729+80.	TO STA 1737+00.	1,440	1,440		216	24.0	9
STA 1729+80.	TO STA 1749+50.	1,970	1,970	490	588	65.3	25
STA 1729+73.	BIKE						
STA 1730+11.	XING						
STA 1732+19.	XING						
STA 1732+57.	BIKE						
SUBTOTALS:		8,172	9,282	1,010			
IMPROVEMENT TOTALS:			18,464	1,010			
SUBTOTALS:		8,172	9,282	1,010			
IMPROVEMENT TOTALS:			18,464	1,010			

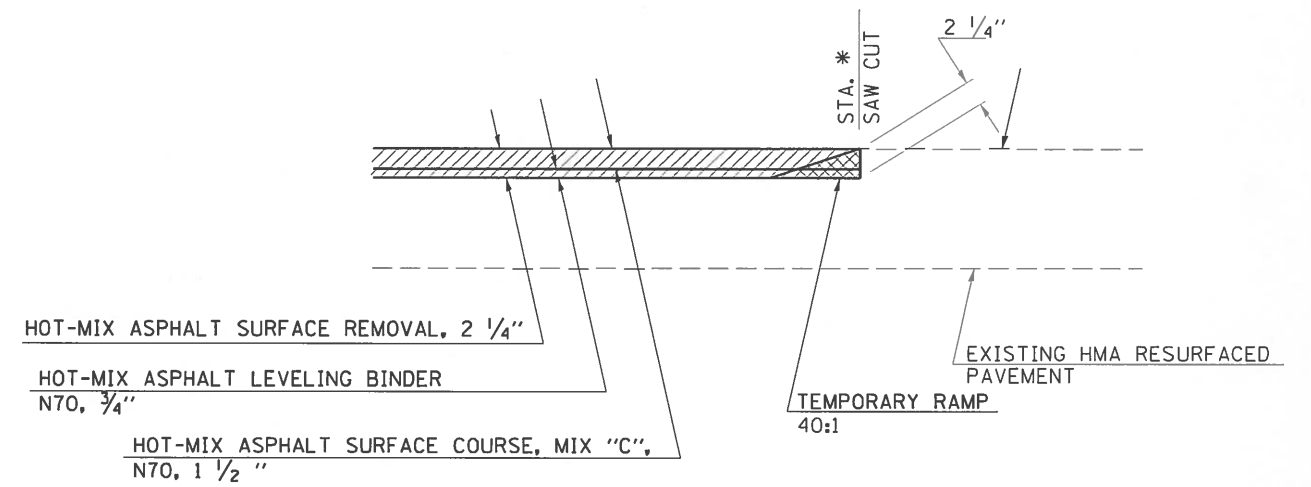
NOTE: SHORT TERM PAVEMENT MARKING: 3 APPLICATIONS - SURFACE REMOVAL, LEVEL BINDER, SURFACE COURSE

FILE NAME: USER NAME: PLOT SCALE: PLOT DATE:	DESIGNED: CHECKED: DATE:
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	
SCALE:	SHEET OF SHEETS STA. TO STA.
SCHEDULE - PAVEMENT MARKING	
F.A.P. RTE. 881	SECTION 137.381RS-6
COUNTY JOHNSON	CONTRACT NO. 78487
TOTAL SHEETS 16	SHEET NO. 11
ILLINOIS FED. AID PROJECT	

BUTT JOINT DETAILS



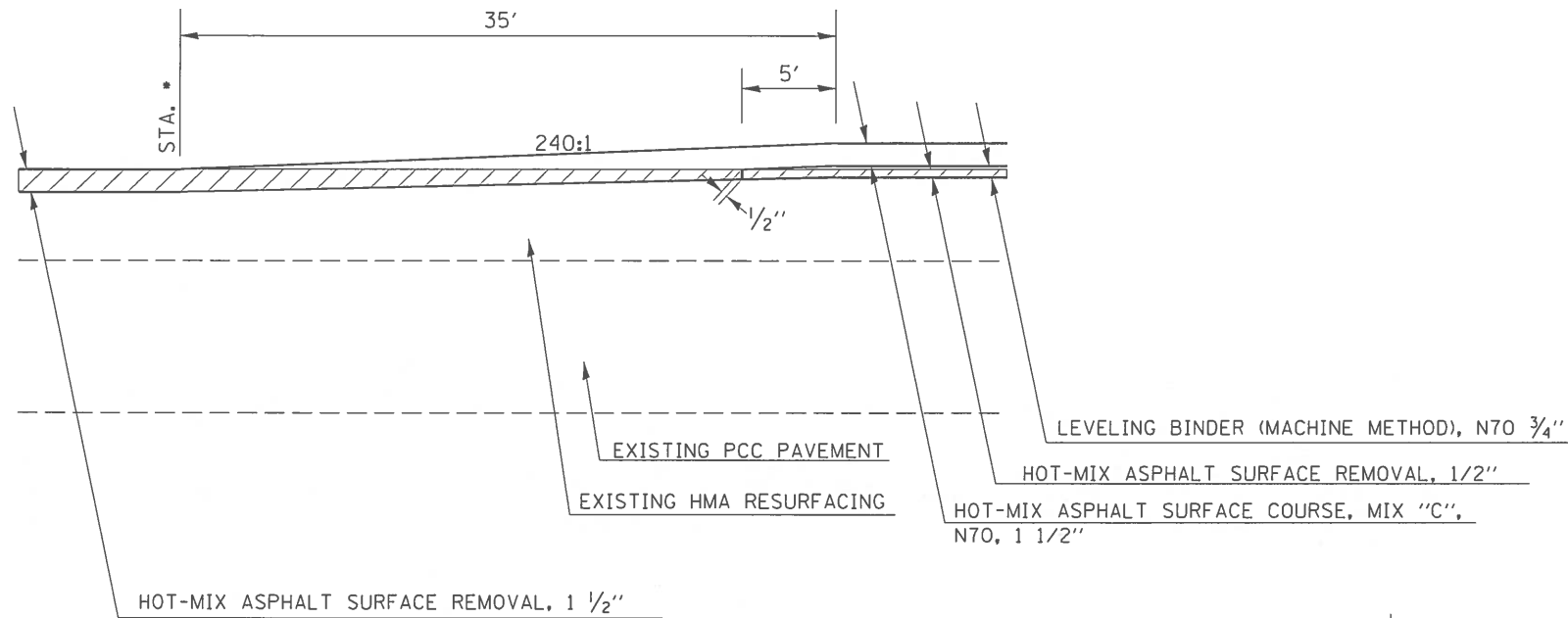
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STA. 1682+50



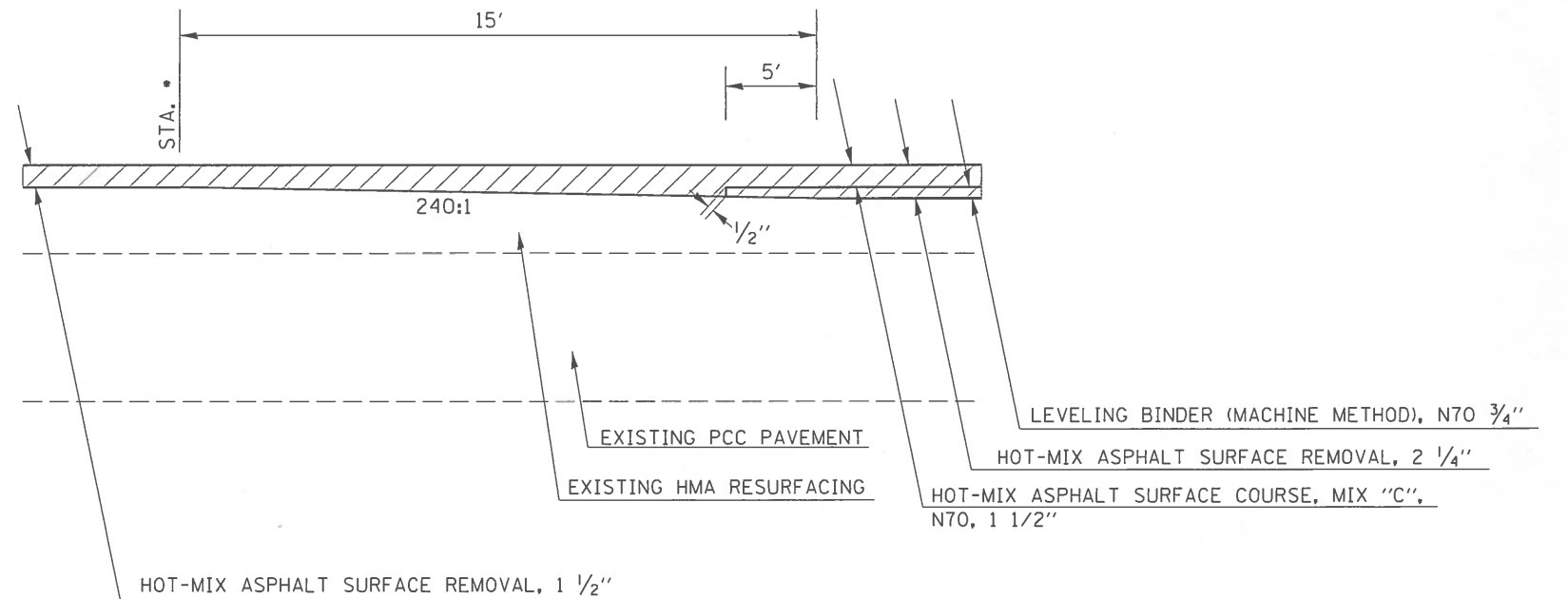
*** TO BE USED:**
STA. 1749+50

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Default	Documents\DOT Offices\District 9\Projects\78487\Drawings\CAD\Sheets\78487-sht.dgn	CHECKED -	REVISED -			881	(37,38)RS-6	JOHNSON	16	12	
	PLOT SCALE = 94.4444' / in.	DATE -	REVISED -			CONTRACT NO. 78487					
	PLOT DATE = 10/16/2015					ILLINOIS FED. AID PROJECT					
				SCALE:							
				SHEET OF SHEETS							
				STA. TO STA.							

HMA TRANSITION DETAILS



* TO BE USED:
STA. 1729+80



* TO BE USED:
STA. 1745+50

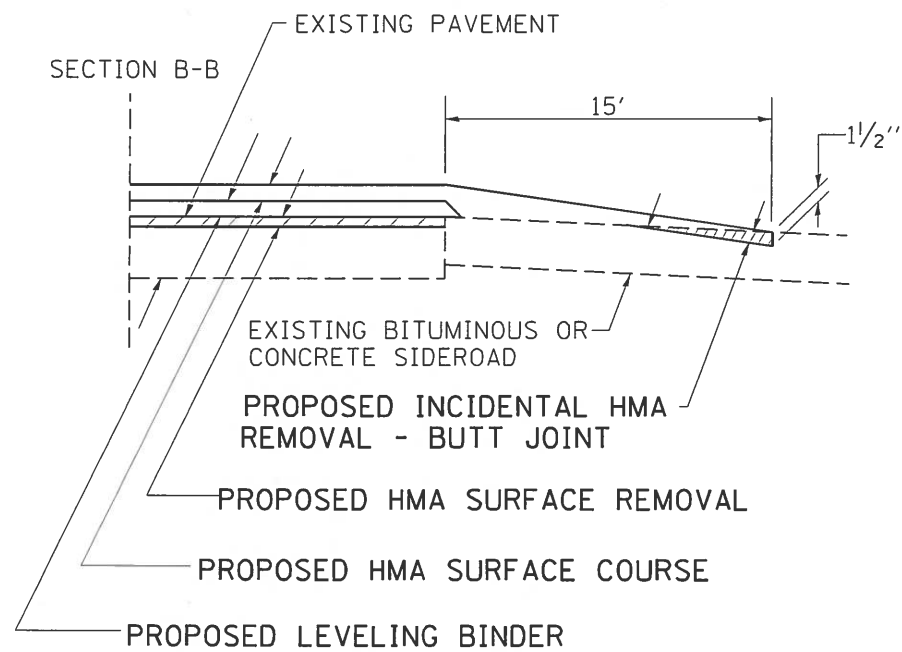
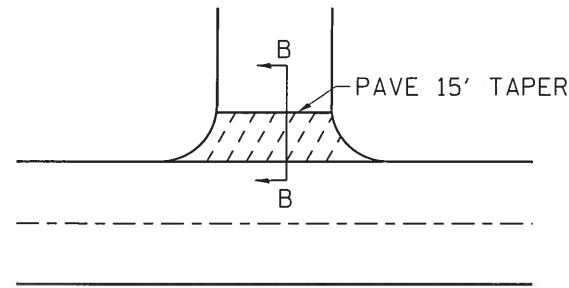
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		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

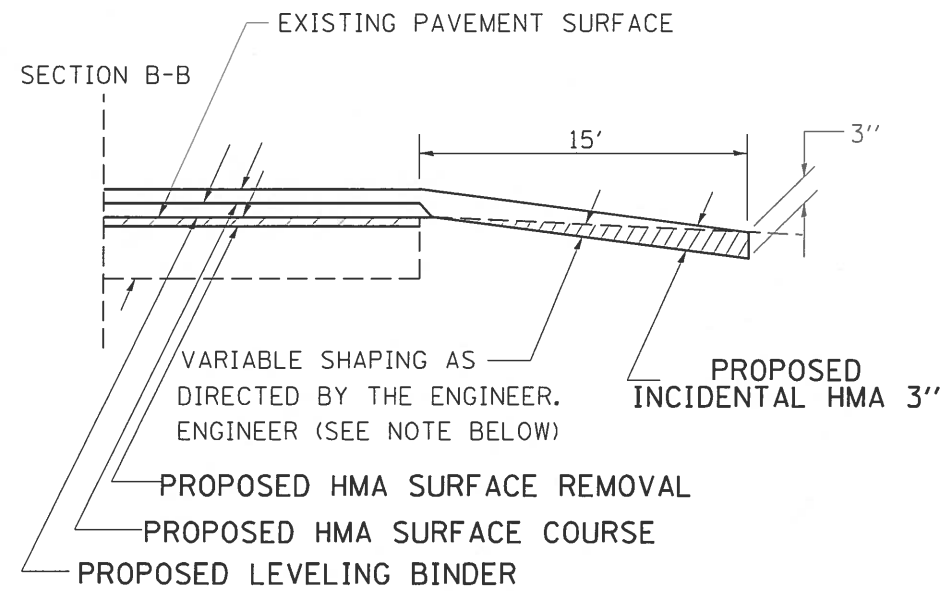
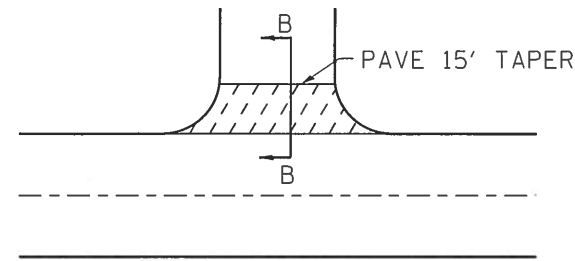
TRANSITION DETAILS				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
881	(37,38)RS-6	JOHNSON	16	13
CONTRACT NO. 78487				
ILLINOIS FED. AID PROJECT				

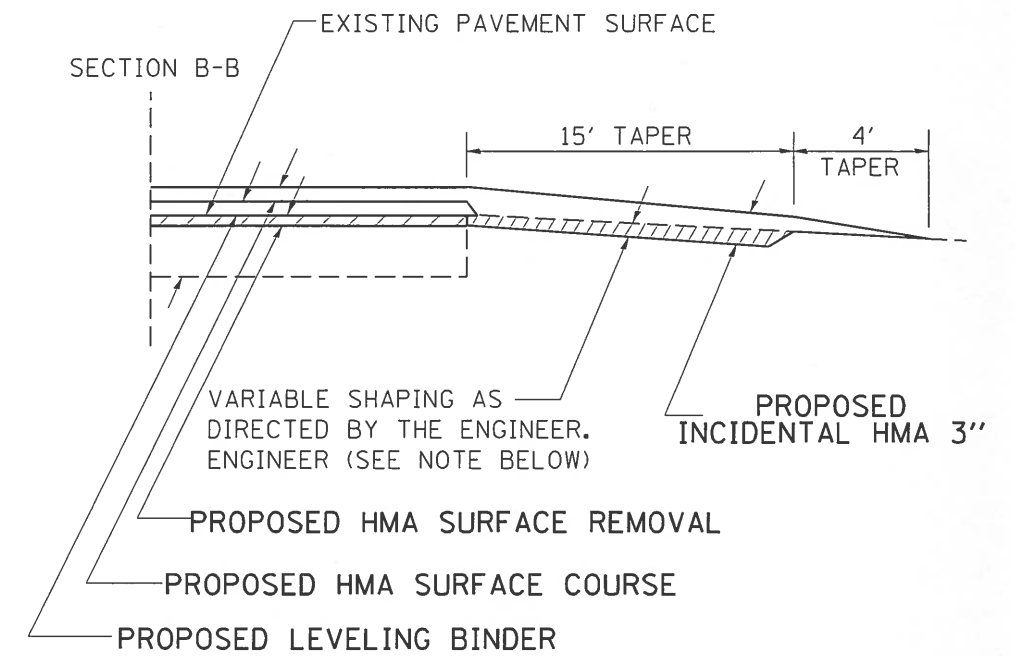
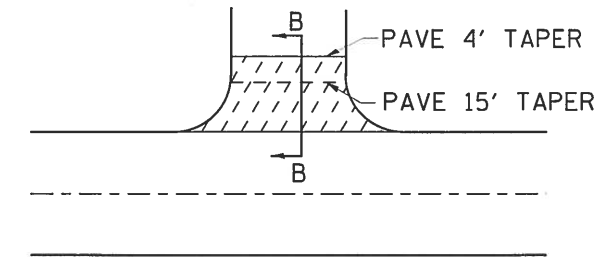
DETAIL OF HMA OR PCC
SIDEROADS WITH BUTT JOINT



DETAIL OF AGGREGATE
SIDEROAD



DETAIL OF OIL & CHIP
SIDEROAD

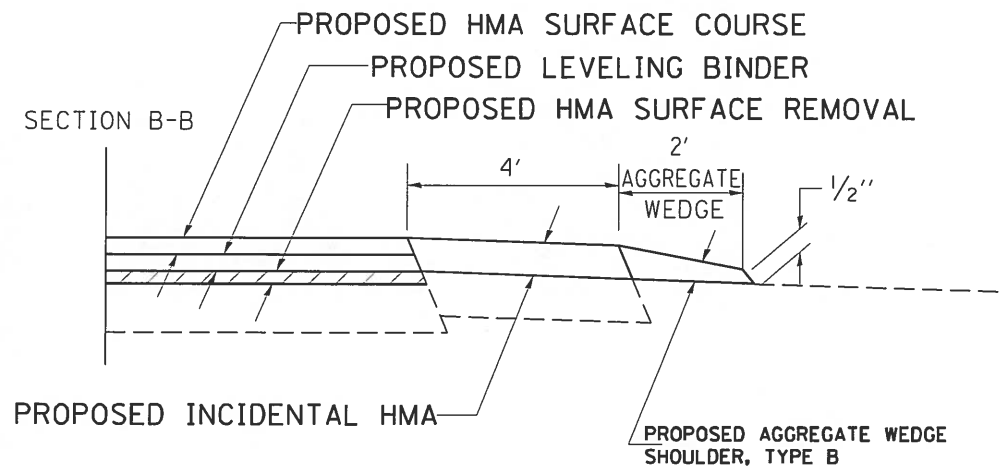
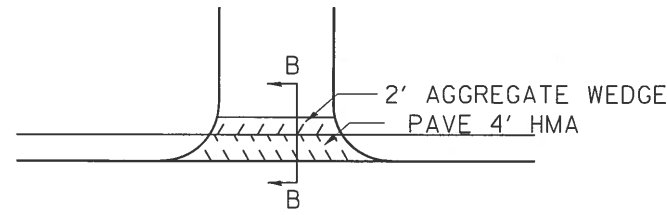


NOTES:

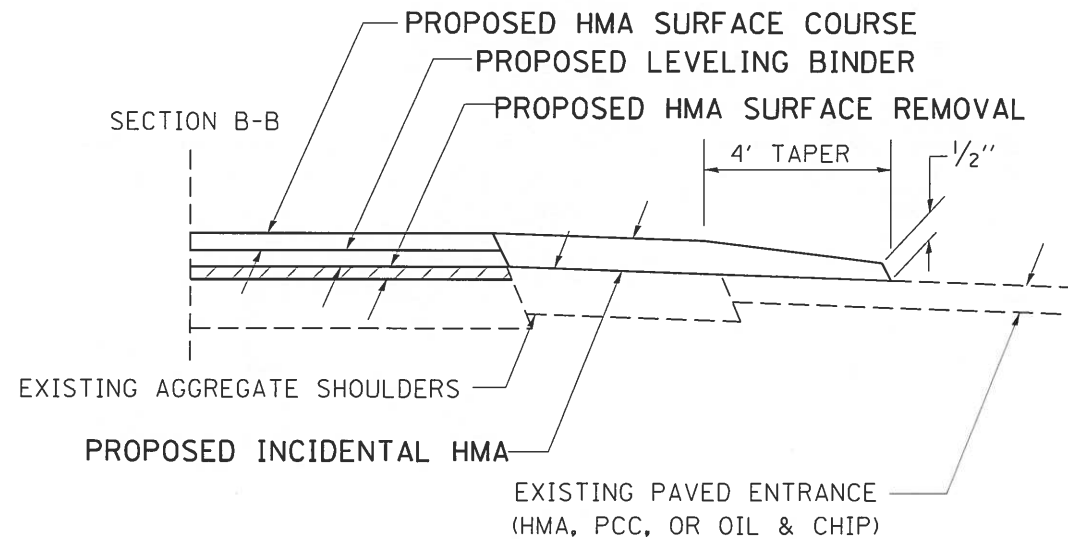
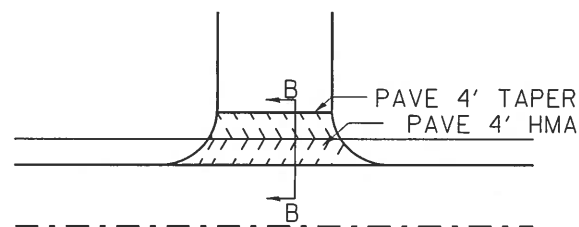
IF EXISTING SUB-BASE IS INADEQUATE, AS DETERMINED BY THE ENGINEER, THE SIDEROADS SHALL BE CORED OUT AND AGGREGATE SUB-BASE, TYPE B SHALL BE PLACED FOR BASE. THE COST OF CORING OUT THE SIDEROAD SHALL BE INCLUDED IN THE COST OF THE AGGREGATE BASE COURSE. IF EXISTING SUB-BASE IS DETERMINED TO BE ADEQUATE, THE AGGREGATE BASE COURSE SHALL BE DELETED AND THE PREPARATION OF THE BASE SHALL BE CONSTRUCTED ACCORDING TO ARTICLE 406.09
VARIABLE SHAPING IS INCLUDED IN THE COST OF INCIDENTAL HMA SURFACE COURSE.

FILE NAME =	USER NAME = krenzjc	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIDE ROAD DETAILS				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\1\084EBIDINTEG\illinois.gov\PI\DOT\Documents\DOT Offices\District 9\Projects\78487\Drawings\CA\Sheets\78487-sht.dgn		CHECKED -	REVISED -		881	(37,38)RS-6	JOHNSON	16	14				
PLOT SCALE = 94.4444 / / in.		DATE -	REVISED -		CONTRACT NO. 78487								
Default		PLOT DATE = 10/16/2015	REVISED -		ILLINOIS FED. AID PROJECT								
				SCALE:	SHEET	OF	SHEETS	STA.	TO STA.				

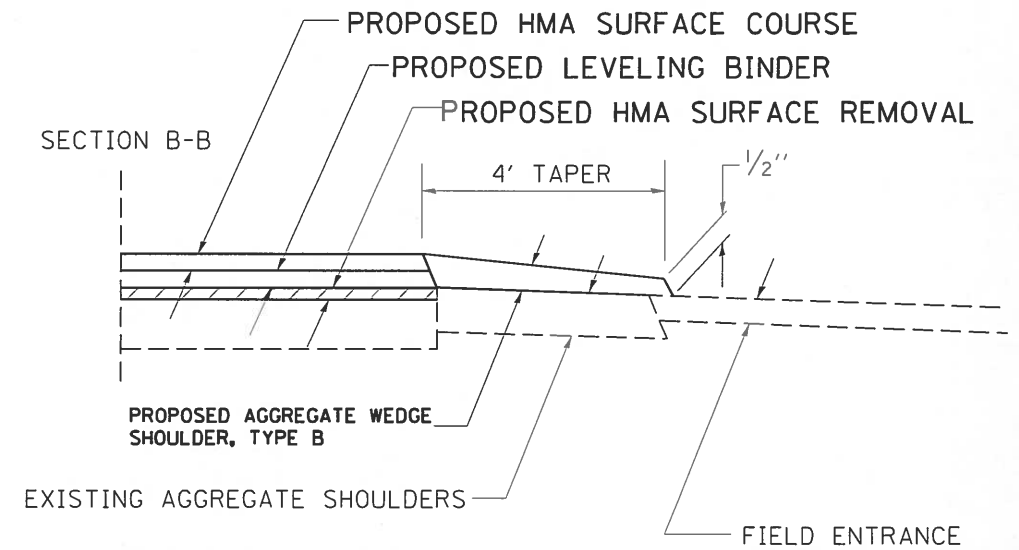
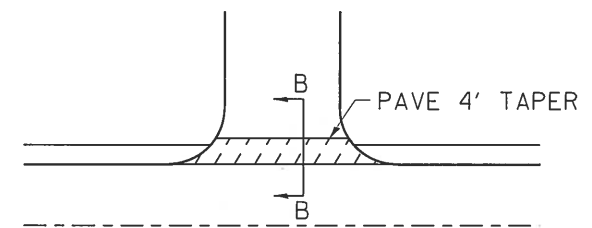
DETAIL OF AGGREGATE
PRIVATE OR COMMERCIAL
ENTRANCE



DETAIL OF HMA, PCC, OR OIL & CHIP
PRIVATE OR COMMERCIAL ENTRANCE



DETAIL OF AGGREGATE OR EARTH
FIELD ENTRANCE



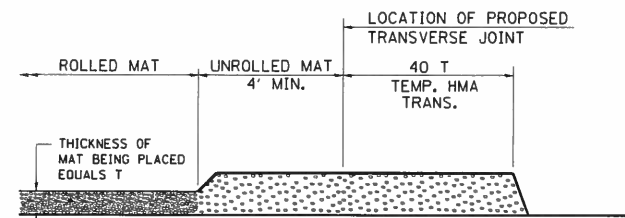
NOTES:

PREPARATION OF EXISTING SURFACE AND ANY EXCAVATION FOR ENTRANCES SHALL BE IN ACCORDANCE WITH ARTICLE 406.09 OF THE STANDARD SPECIFICATIONS.

FILE NAME =	USER NAME = kranzjc	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ENTRANCE DETAILS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	Documents\IDOT Offices\District 9\Projects\78487\Drawings\CAD\Sheets\78487-sht.dgn	CHECKED -	REVISED -			881	(37,38)RS-6	JOHNSON	16	15	
	PLOT SCALE = 94.4444' / in.	DATE -	REVISED -			CONTRACT NO. 78487					
	PLOT DATE = 10/16/2015					ILLINOIS FED. AID PROJECT					

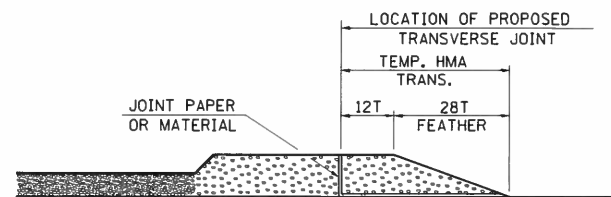
TEMPORARY HOT-MIX ASPHALT TRANSITIONS

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



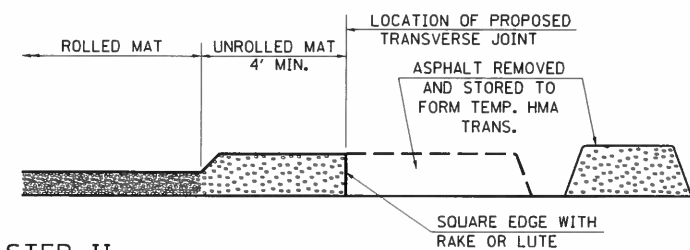
STEP I

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.



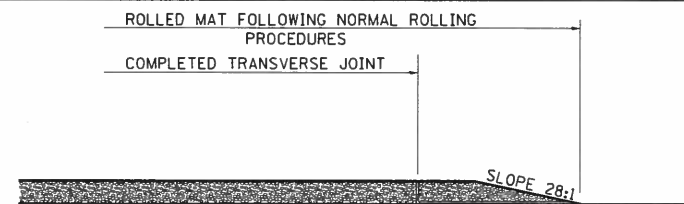
STEP III

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.

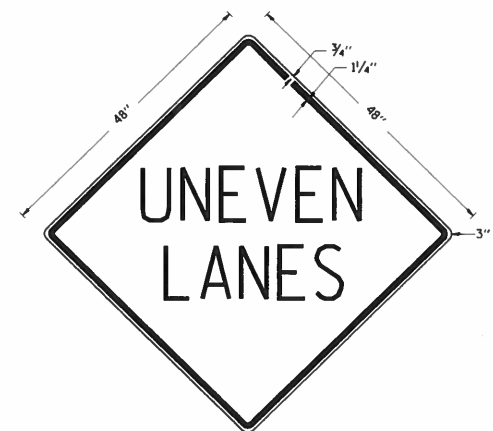


STEP IV

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.

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

STD. 9-26



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.

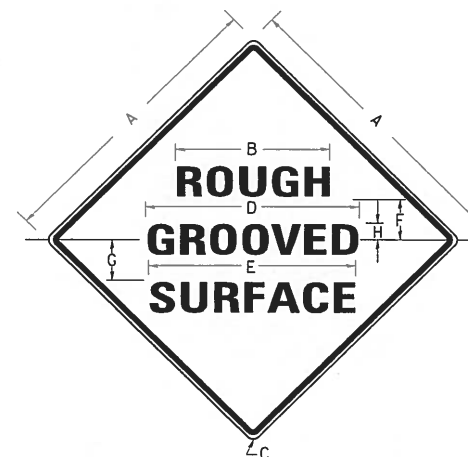
THE COST OF FURNISHING, ERECTING, MAINTAINING, AND REMOVING THE REQUIRED SIGNS SHALL BE INCLUDED IN THE CONTRACT.

REVISIONS

DRAWN	2-15-89
REVISED	4-06-93
REDESIGNED	
RESIZED	
REVIEWED	5-17-13

STD. 9-41

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.

REVISIONS

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

STD. 9-39

FILE NAME =	USER NAME = krenzjc	DESIGNED -	REVISED -
p:\1\184E\BID\INTEG.ILLINOIS.GOV\FW\DOT\Documents\IDOT Offices\District 9\Projects\78487\Drawings\CA\Sheets\78487-sht.dgn		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TEMP HMA TRANSITIONS, UNEVEN LANES SIGN, ROUGH GROOVED SURFACE SIGN			
SCALE:	SHEET	OF	SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
881	(37,38)RS-6	JOHNSON	16	16
				CONTRACT NO. 78487
ILLINOIS FED. AID PROJECT				