

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

**PROPOSED  
HIGHWAY PLANS**

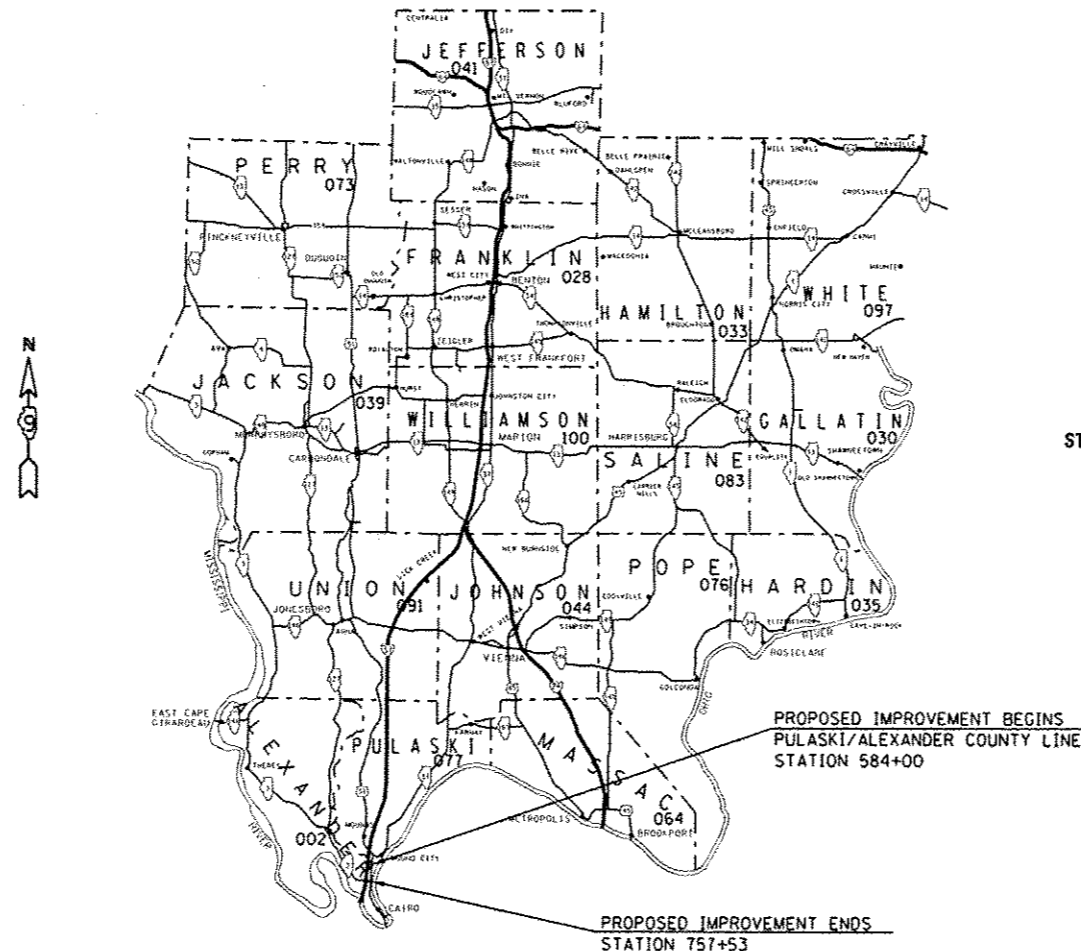
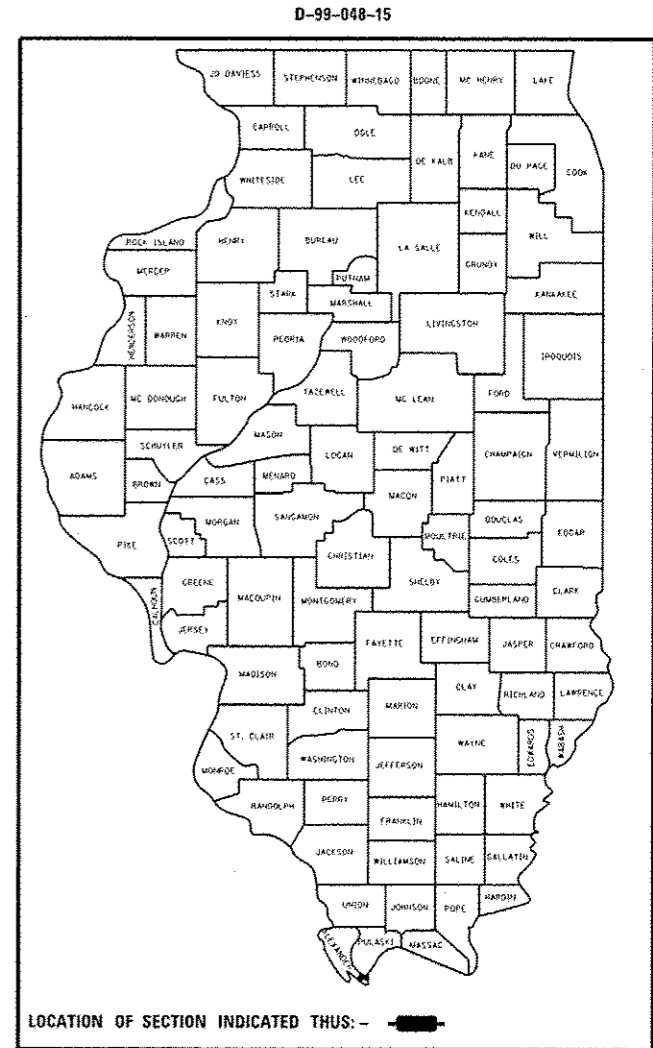
IL 37 (FAP 726)  
SECTION (17,18)RS-2  
PROJECT ACF-0726 (015)  
PATCH AND RESURFACE  
ALEXANDER COUNTY

C-99-056-15

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
726	(17,18)RS-2	ALEXANDER	16	1
ILLINOIS			CONTRACT NO. 78488	

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

LOCATION	ADT(2015)	SU	MU
IL 37 (FAP 726)	2,400	295	160



**STATION EQUATIONS**

STA. 591+39 BK = STA. 620+58 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. 78488

GROSS LENGTH = 14,434 FT. = 2.73 MILES  
NET LENGTH = 14,434 FT. = 2.73 MILES

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED Dec 9 2015

Anthony J. Keen  
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

Jan 29 2016  
Margaret M. Addis PE, J.E.  
ENGINEER OF DESIGN AND ENVIRONMENT

Jan 29 2016  
Omer Osman PE, J.E.  
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS**

## INDEX OF SHEETS

SHT NO	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS, STANDARDS, GENERAL NOTES
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4-6	SUMMARY OF QUANTITIES
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14	DETAILS: HMA SURFACE REMOVAL (VARIABLE DEPTH), BUTT-JOINTS, UNEVEN LANES, ROUGH GROOVED SURFACE
15	DETAILS: SIDEROAD; ENTRANCES
16	DETAILS: TEMPORARY HOT-MIX ASPHALT TRANSITIONS

## STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
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701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-05	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 $\geq$ 45 MPH
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701701-09	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701901-04	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATORS RAISED REFLECTIVE PAVEMENT MARKERS

## COMMITMENTS

NONE

## STRUCTURES WITHIN PROJECT LIMITS

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

## 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:	
ON PAVEMENT	0.05 LB/SQ. FT.
ON AGGREGATE SURFACE	0.25 LB./SQ. FT.
AGGREGATE (PRIME COAT)	0.0015 TONS/SQ. 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. 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: SEPTEMBER 2014.

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.

CLASS B PATCHING TO BE USE ON CONCRETE SECTION OF IL37/IL3 INTERSECTION (NORTH LEG) (STA. 748+25 TO STA. 757+53)

TIE BARS SHALL BE USED FOR PAVEMENT PATCHING AS DIRECTED BY THE ENGINEER


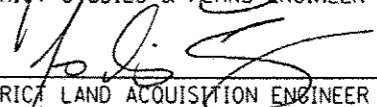
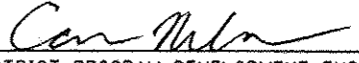


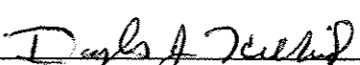

FILE NAME	USER NAME	DESIGNED	REVISED	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INDEX OF SHEETS, STANDARDS, GENERAL NOTES</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
p:\11\084E\BIOINTEG\Illinois.gov\PW\DOT\Documents\DOT_Offices\District 9\Projects\784	greenloam	DRAWN	REVISED			726	(17,18)RS-2	ALEXANDER	16	2	
PLOT SCALE	CHECKED	REVISED	REVISED			SCALE: SHEET OF SHEETS STA. TO STA.					
PLOT DATE	DATE	REVISED	REVISED			ILLINOIS FED. AID PROJECT CONTRACT NO. 78488					

## MIXTURES REQUIREMENTS

Locations	Hot-Mix Asphalt Surface Course, Hot-Mix Asphalt Shoulders, and 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 (Gradation Mixture)	IL-9.5 mm
Friction Aggregate:	C Surface
Quality Management Program:	OCP • Hot-Mix Asphalt Surface Course & Hot-Mix Asphalt Shoulders OCOA • Incidental Hot-Mix Asphalt Surfacing

Locations	Hot-Mix Asphalt Leveling Binder Course
Mixture Use(s):	Hot-Mix Asphalt Leveling Binder, N70, IL-9.5mm Fine Grade
AC/PG:	PG64-22
ABR % (Max):	See Special Provision
Design Air Voids:	4.0 %, 70 Gyration Design
Mixture (Gradation Mixture)	IL-9.5mm Fine Grade
Friction Aggregate:	None
Quality Management Program:	OCP

Locations	Class D Patching
Mixture Use(s):	Hot-Mix Asphalt Binder Course, N70, IL-19.0mm
AC/PG:	PG64-22
ABR % (Max):	See Special Provision
Design Air Voids:	4.0 %, 70 Gyration Design
Mixture (Gradation Mixture)	IL-19.0mm
Friction Aggregate:	None
Quality Management Program:	OC/OA

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

# SUMMARY OF QUANTITIES

COUNTY:	ALEXANDER
ROUTE:	FAP 726, IL 37
FUNDING:	80% FED 20% STATE
LOCATION:	RURAL
TOTAL QUANTITY	ROADWAY 0005

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	31493	31493
40600637	LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N70	TON	1518	1518
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ. YD	134	134
40600990	TEMPORARY RAMP	SQ YD	168	168
40603315	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70	TON	3036	3036
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	149	149
44000153	HOT-MIX ASPHALT SURFACE REMOVAL, 1"	SQ YD	34848	34848
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	1559	1559
44200132	PAVEMENT PATCHING, TYPE II, 11 INCH	SQ YD	1450	1450
44200136	PAVEMENT PATCHING, TYPE III, 11 INCH	SQ YD	115	115
44200138	PAVEMENT PATCHING, TYPE IV, 11 INCH	SQ YD	285	285
44200970	CLASS B PATCHES, TYPE II, 10 INCH	SQ YD	208	208
44201299	DOWEL BARS 1 1/2"	EACH	528	528
44213200	SAW CUTS	FOOT	1224	1224

14



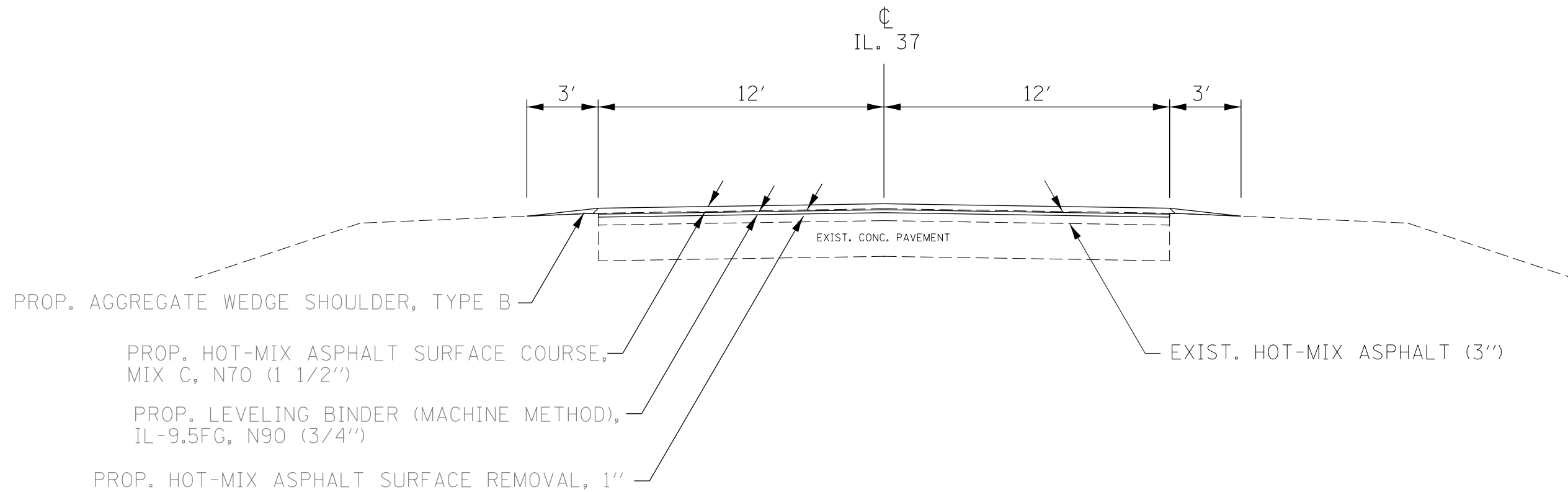
# SUMMARY OF QUANTITIES - CONT

COUNTY:	ALEXANDER
ROUTE:	FAP 726, IL 37
FUNDING:	80% FED 20% STATE
LOCATION:	RURAL
TOTAL QUANTITY	ROADWAY 0005

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	169	169
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	169	169
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	95	95
Z0034105	MATERIAL TRANSFER DEVICE	TON	4554	4554

\* SPECIALTY ITEM

# TYPICAL SECTIONS



TO BE USED:

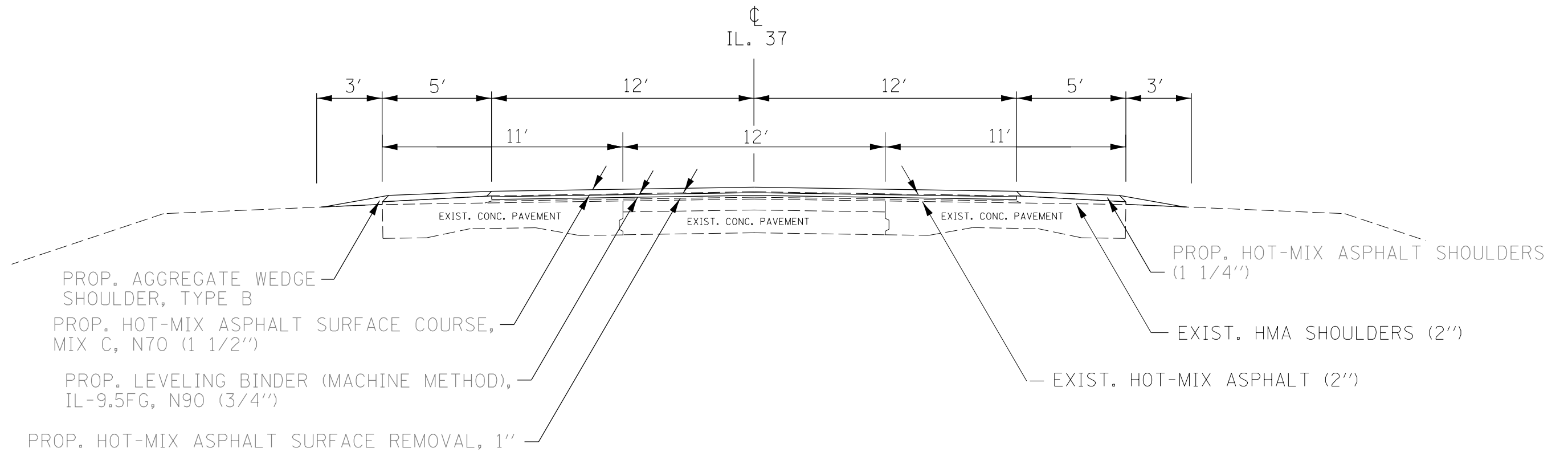
STATION 584+00 TO 624+00  
 STATION EQUATION 591+39 BK TO 620+58 AH

FILE NAME =	USER NAME = greenleesm	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTIONS</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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Default	PLOT SCALE = 5.0000' / in.	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	
	PLOT DATE = 12/11/2015	DATE -	REVISED -									
											CONTRACT NO. 78488	ILLINOIS FED. AID PROJECT





# TYPICAL SECTIONS

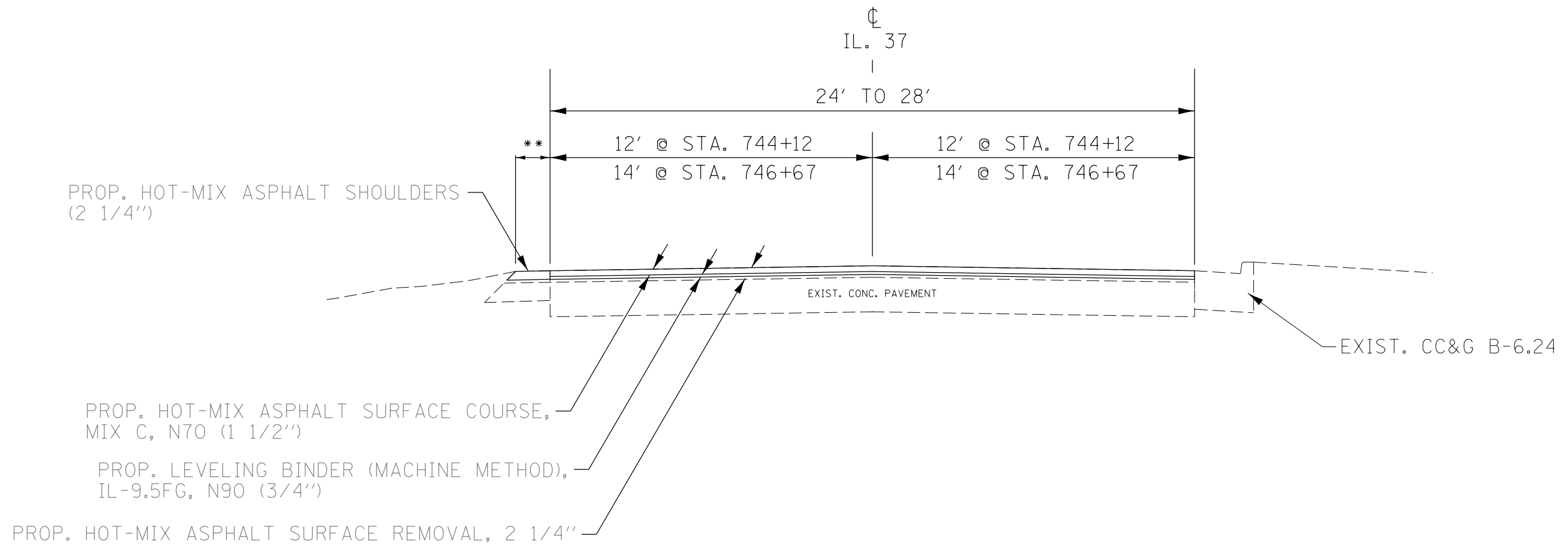


TO BE USED:

STATION 627+00 TO 743+87  
(TRANSITION AREA 743+87 TO 744+12 SEE DETAIL SHEET 14)

FILE NAME =	USER NAME = greenleesm	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTIONS</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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Default	PLOT SCALE = 5.0000' / in.	DATE -	REVISED -					726	(17,18)RS-2	ALEXANDER	CONTRACT NO. 78488		
	PLOT DATE = 12/11/2015							ILLINOIS FED. AID PROJECT					

# TYPICAL SECTIONS



TO BE USED:  
 STATION 744+12 TO 748+25

\*\* SEE SHOULDER SCHEDULE FOR WIDTHS

FILE NAME =	USER NAME = greenleesm	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTIONS</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 5.0000' / in.					CHECKED -	CONTRACT NO. 78488	ILLINOIS FED. AID PROJECT					
Default					DATE -	SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.

**RESURFACING SCHEDULE**

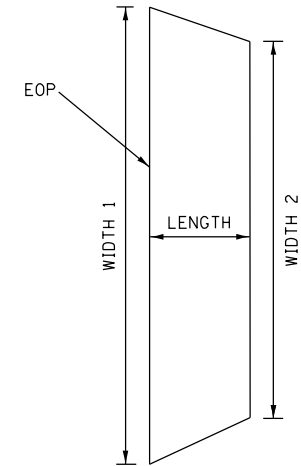
LOCATION STATION TO STATION	LENGTH	ROADWAY WIDTH @ BEG. STA.	ROADWAY WIDTH @ END STA.	ROADWAY AREA	HMA SURFACE REMOVAL, 2 1/4"	HMA SURFACE REMOVAL, 1"	HMA SURFACE REMOVAL, VARIABLE DEPTH	HOT-MIX ASPHALT SURFACE COURSE, MIX C. N70	HOT-MIX ASPHALT LEVELING BINDER, N70, 1L-9.5 FINE GRADED	BITUMINOUS MATERIALS (PRIME COAT)	AGGREGATE (PRIME COAT)	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	TEMP RAMP	REMARKS
	FOOT	FOOT	FOOT	SQ YD	SQ YD	SQ YD	SQ YD	TON	TON	POUND	TON	SQ YD	SQ YD	
<b>ILLINOIS 37 (FAP 726)</b>														
584+00 TO 591+39 BK	739.00	24.0	24.0	1970.67		1,971		166	83	1330	5.9	67	20	
620+58 AH TO 627+50	692.00	24.0	24.0	1845.33		1,845		155	78	1246	5.5			
627+50 TO 743+87	11637.00	24.0	24.0	31032.00		31,032		2607	1303	20947	93.1			
743+87 TO 744+12	25.00	24.0	24.0	66.67			67	6	3	45	0.2			
744+12 TO 746+67	255.00	24.0	28.0	736.67	779			62	31	497	2.2			
746+67 TO 748+25	158.00	28.0	28.0	491.56	521			41	21	332	1.5		23	
<b>TOTAL</b>						1,300	34,848	67	3,036	1,518	24,396	108	67	43

**SHOULDER SCHEDULE**

LOCATION STATION TO STATION	LENGTH	SHOULDER WIDTH @ BEG. STA.	SHOULDER WIDTH @ END STA.	SHOULDER AREA	HMA SURFACE REMOVAL, VARIABLE DEPTH	HMA SURFACE REMOVAL, 2 1/4"	HMA SHOULDERS	AGGREGATE WEDGE SHOULDER, TYPE B	BITUMINOUS MATERIALS (PRIME COAT)	AGGREGATE (PRIME COAT)	REMARKS
	FOOT	FOOT	FOOT	SQ YD	SQ YD	SQ YD	TON	TON	POUND	TON	
<b>ILLINOIS 37 (FAP 726)</b>											
584+00 TO 591+39 BK	739.00							17			
620+58 AH TO 624+00	342.00							8			
624+00 RT TO 627+00 RT	300.00	1.0	5.0	100.00			12	7	45	0.2	
627+00 RT TO 744+12 RT	11712.00	5.0	5.0	6506.67	14		455	267	2928	9.8	
744+12 RT TO 745+57 RT	145.00	5.0	3.0	64.44		64	6		29	0.1	
745+57 RT TO 748+25 RT	268.00	3.0	1.0	59.56		60	10		27	0.1	
584+00 TO 591+39 BK	739.00							17			
620+58 AH TO 624+00	342.00							8			
624+00 LT TO 627+40 LT	340.00	1.0	5.0	113.33			13	8	51	0.2	
627+40 LT TO 744+12 LT	11672.00	5.0	5.0	6484.44	14		454	266	2918	9.7	
744+12 LT TO 747+14 LT	302.00	5.0	1.0	100.67		101	12	7	45	0.2	
747+14 LT TO 748+25 LT	47.00	6.5	6.5	33.94		34	2	1	15	0.1	
<b>TOTAL</b>						28	259	964	595	6,058	20

**SIDEROAD SCHEDULE**

STATION	SIDE	TYPE	WIDTH 1	WIDTH 2	LENGTH	AREA	EXISTING SURFACE TYPE	INCIDENTAL HMA SURFACING	BITUMINOUS MATERIAL (PRIME COAT)	AGGREGATE (PRIME COAT)	SURFACE REMOVAL BUTT JOINT	TEMP. RAMP	REMARKS
			FOOT	FOOT	FOOT	SQ YD		TON	POUND	TON	SQ YD	SQ YD	
586+55.	RT	SIDEROAD	95	65	15	133.3	BITUMINOUS	9.3	90.0	0.2	67	43	REDMAN RD.
622+90.	RT	SIDEROAD	50	30	15	66.7	AGGREGATE	4.7	45.0	0.1			TAYLOR RD.
627+40.	RT	SIDEROAD	75	45	15	100.0	AGGREGATE	7.0	67.5	0.2			GOLDEN LILY RD.
694+35.	LT	SIDEROAD	45	25	15	58.3	OIL & CHIP	9.8	39.4	0.1			SEARS ROEBUCK RD
703+10.	LT	SIDEROAD	40	25	15	54.2	OIL & CHIP	9.1	36.6	0.1			MAIN ST.
703+10.	RT	SIDEROAD	40	25	15	54.2	OIL & CHIP	9.1	36.6	0.1			MAIN ST.
705+50.	LT	SIDEROAD	45	20	15	54.2	OIL & CHIP	9.1	36.6	0.1			NEW BROADWAY ST.
707+00.	RT	SIDEROAD	25	12	15	30.8	OIL & CHIP	5.2	20.8	0.0			POTTS RD.
707+30.	RT	SIDEROAD	25	18	15	35.8	OIL & CHIP	6.0	24.2	0.1			POTTS RD.
707+76.	LT	SIDEROAD	50	18	20	75.6	OIL & CHIP	12.7	51.0	0.1			CHESTNUT ST.
712+10.	RT	SIDEROAD	30	18	10	26.7	AGGREGATE	1.9	18.0	0.0			WALLS LN
712+10.	LT	SIDEROAD	50	25	15	62.5	OIL & CHIP	10.5	42.2	0.1			ACBL RD.
721+22.	RT	SIDEROAD	50	35	5	23.6	AGGREGATE	1.7	15.9	0.0			LEBO LN.
747+37.	RT	SIDEROAD	120	55	20	194.4	BITUMINOUS					53	PATIERDALE RD. (DO NOT INLAY)
747+37.	LT	SIDEROAD	64	22	22	105.1	BITUMINOUS					28	PATIERDALE RD. (DO NOT INLAY)
TOTALS =						1075.4		96	524	1.2	67	125	



**PAVEMENT MARKING SCHEDULE**

LOCATION STATION TO STATION	LENGTH	PAINT PAVEMENT MARKING			REMARKS
		LINE 4"			
		YELLOW		WHITE	
		DBL SOLID	SKIP DASH	SOLID	
		FOOT	FOOT	FOOT	
IL 37 (FAP 726)					
584+00 TO 591+39. BK	739		185	1478	
620+58 AH TO 627+50.	692		173	1384	
627+50 TO 741+79.	11429		2857	22858	
741+79. TO 748+25	646	1292		1292	
REDMAN RD. 586+55				50	25' / RADIUS
748+25 TO 757+53		144		144	CLASS B PATCHING
<b>SUB-TOTAL</b>		1436	3215	27206	
<b>TOTAL</b>			31857		

**TEMPORARY PAVEMENT MARKING SCHEDULE**

LOCATION STATION TO STATION	LENGTH	SHORT TERM PAVEMENT MARKING	TEMPORARY PAVEMENT MARKING			REMARKS
			LINE 4"			
			YELLOW		WHITE	
			DBL SOLID	SKIP DASH	SOLID	
		3 APPLICATIONS	FOOT	FOOT	FOOT	
IL 37 (FAP 726)						
584+00 TO 591+39. BK	739	399		185	1478	
620+58 AH TO 627+50.	692	374		173	1384	
627+50 TO 741+79.	11429	6172		2857	22858	
741+79. AH TO 748+25	646	349	1292		1292	
REDMAN RD. 586+55				50	25' / RADIUS	
748+25 TO 757+53	928		144		144	NO SHORT TERM
<b>SUB-TOTAL</b>			1436	3215	27206	
<b>TOTAL</b>		7293		31857		

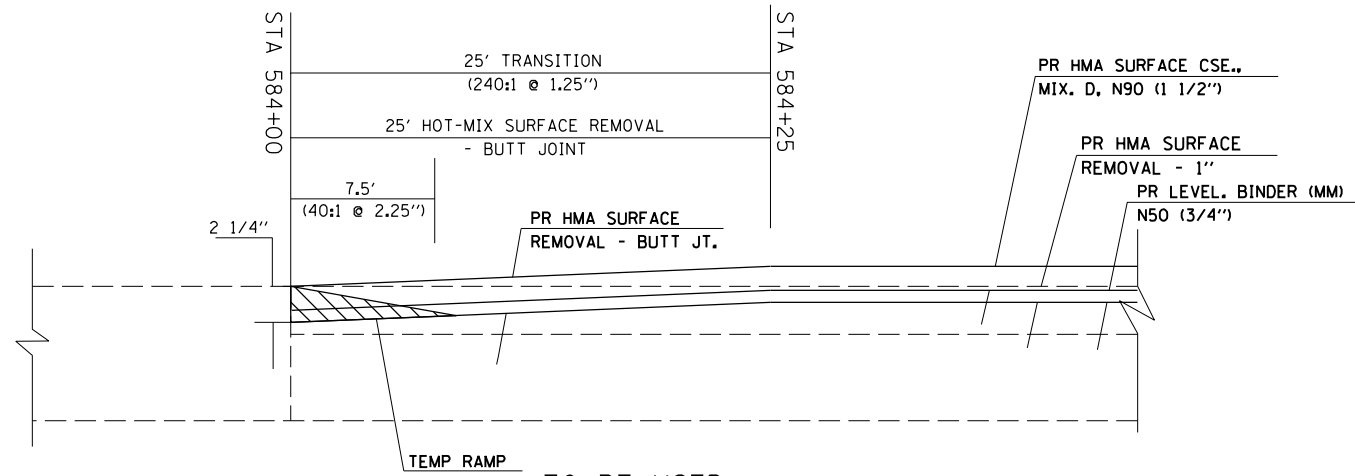
ENTRANCE SCHEDULE

STATION	SIDE	TYPE	AVG. WIDTH	AREA	INCIDENTAL HMA SURFACING	BITUMINOUS MATERIAL (PRIME COAT)	AGGREGATE (PRIME COAT)
			FOOT	SQ YD	TON	POUND	TON
624+20.	LT	PE	17	9.44	0.7	6.4	0.01
625+50.	LT	PE	17	9.44	0.7	6.4	0.01
626+70.	LT	PE	17	9.44	0.7	6.4	0.01
628+35.	RT	PE	17	9.44	0.7	6.4	0.01
633+20.	RT	PE	17	9.44	0.7	6.4	0.01
633+68.	LT	PE	17	9.44	0.7	6.4	0.01
640+17.	RT	PE	17	9.44	0.7	6.4	0.01
640+90.	RT	PE	17	9.44	0.7	6.4	0.01
674+65.	LT	PE	17	9.44	0.7	6.4	0.01
677+15.	LT	PE	17	9.44	0.7	6.4	0.01
677+60.	RT	PE	17	9.44	0.7	6.4	0.01
689+40.	LT	CE	35	19.44	1.4	13.1	0.03
689+75.	RT	CE	35	19.44	1.4	13.1	0.03
690+50.	RT	CE	35	19.44	1.4	13.1	0.03
691+10.	LT	CE	35	19.44	1.4	13.1	0.03
692+00.	RT	CE	35	19.44	1.4	13.1	0.03
693+35.	LT	PE	17	9.44	0.7	6.4	0.01
693+90.	RT	CE	35	19.44	1.4	13.1	0.03
698+25.	LT	CE	35	19.44	1.4	13.1	0.03
701+35.	RT	PE	17	9.44	0.7	6.4	0.01
701+90.	RT	PE	17	9.44	0.7	6.4	0.01
702+57.	LT	PE	17	9.44	0.7	6.4	0.01
702+70.	RT	PE	17	9.44	0.7	6.4	0.01
703+60.	RT	PE	17	9.44	0.7	6.4	0.01
705+00.	RT	PE	17	9.44	0.7	6.4	0.01
705+40.	RT	PE	17	9.44	0.7	6.4	0.01
SUBTOTAL =					22	213	0.5

ENTRANCE SCHEDULE

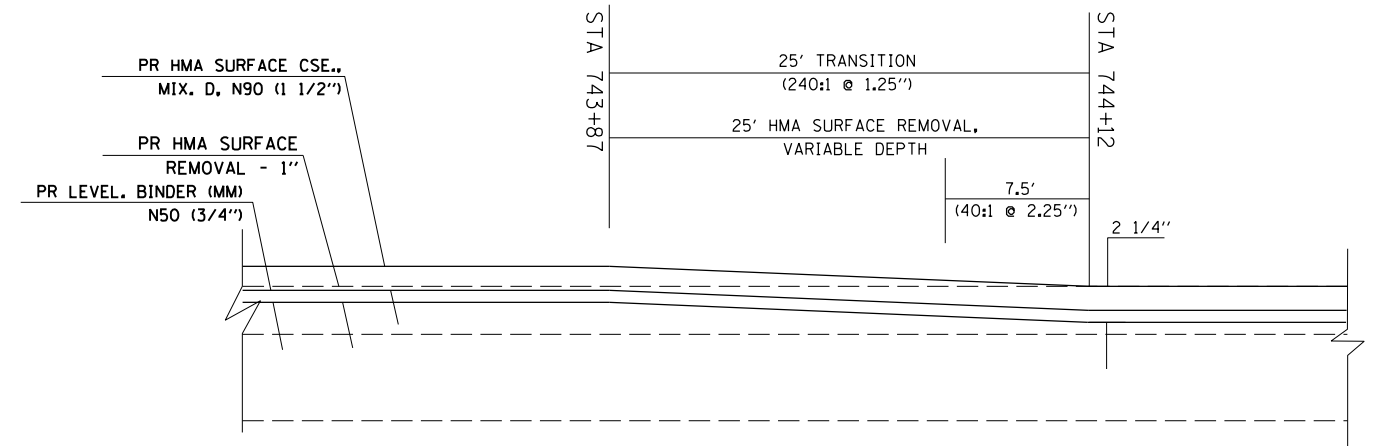
STATION	SIDE	TYPE	AVG. WIDTH	AREA	INCIDENTAL HMA SURFACING	BITUMINOUS MATERIAL (PRIME COAT)	AGGREGATE (PRIME COAT)
			FOOT	SQ YD	TON	POUND	TON
710+70.	RT	PE	17	9.44	0.7	6.4	0.01
716+80.	RT	CE	35	19.44	1.4	13.1	0.03
723+85.	LT	CE	35	19.44	1.4	13.1	0.03
727+41.	LT	CE	100	55.56	3.9	37.5	0.08
728+10.	RT	PE	17	9.44	0.7	6.4	0.01
729+77.	RT	PE	17	9.44	0.7	6.4	0.01
731+10.	RT	PE	17	9.44	0.7	6.4	0.01
731+70.	RT	PE	17	9.44	0.7	6.4	0.01
732+55.	RT	PE	17	9.44	0.7	6.4	0.01
733+55.	LT	CE	35	19.44	1.4	13.1	0.03
733+55.	RT	PE	17	9.44	0.7	6.4	0.01
734+10.	RT	CE	35	19.44	1.4	13.1	0.03
735+40.	RT	CE	35	19.44	1.4	13.1	0.03
736+30.	RT	CE	35	19.44	1.4	13.1	0.03
739+95.	RT	CE	95	52.78	3.7	35.6	0.08
740+50.	RT	CE	35	19.44	1.4	13.1	0.03
741+10.	RT	CE	35	19.44	1.4	13.1	0.03
741+65.	RT	CE	35	19.44	1.4	13.1	0.03
742+15.	RT	CE	35	19.44	1.4	13.1	0.03
742+45.	LT	CE	35	19.44	1.4	13.1	0.03
742+70.	RT	CE	35	19.44	1.4	13.1	0.03
743+30.	RT	CE	35	19.44	1.4	13.1	0.03
744+00.	RT	CE	35	19.44	1.4	13.1	0.03
SUBTOTAL =					31	302	0.7
TOTAL =					53	515	1.1

**BUTT JOINT DETAILS**



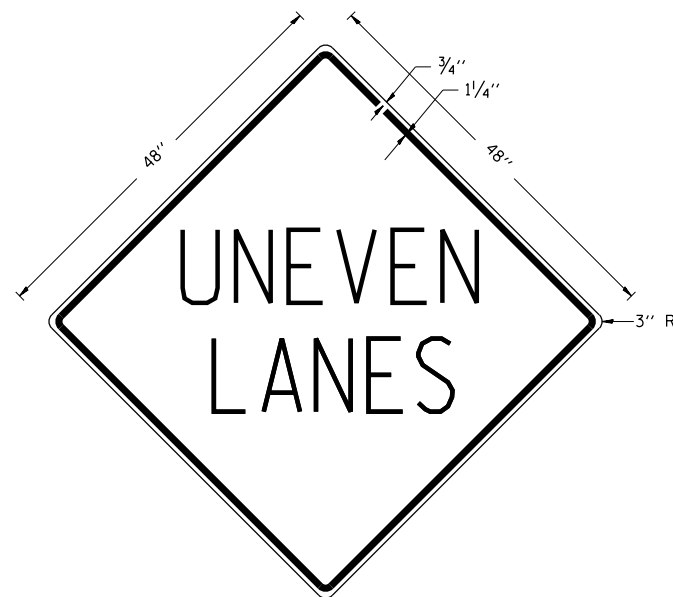
TO BE USED:  
STA 584+00 TO STA 584+25

**RESURFACING TRANSITION**



TO BE USED:  
STA 743+87 TO STA 744+12

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



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

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

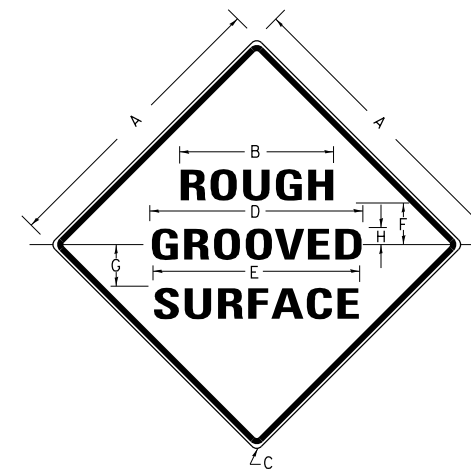
IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

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

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

STD. 9-41

**ILLINOIS STANDARD**  
W8-1106



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

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

SIGN SIZE	SERIES LINES			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
REVISED	

STD. 9-39

FILE NAME =	USER NAME = greenleesm	DESIGNED -	REVISED -
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Default	PLOT SCALE = 10.0000 / in.	CHECKED -	REVISED -
	PLOT DATE = 12/11/2015	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

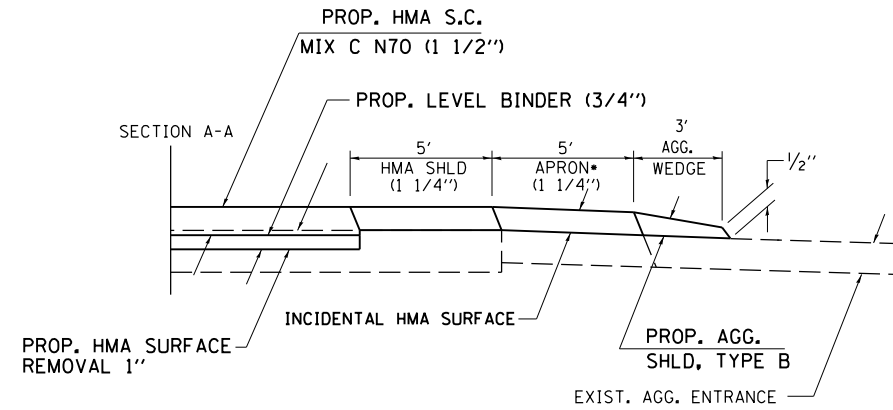
DETAILS: HMA SURFACE REMOVAL (VARIABLE DEPTH),  
BUTT-JOINTS, UNEVEN LANES, ROUGH GROOVED SURFACE

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
726	(17,18)RS-2	ALEXANDER	16	14
CONTRACT NO. 78488				
ILLINOIS FED. AID PROJECT				

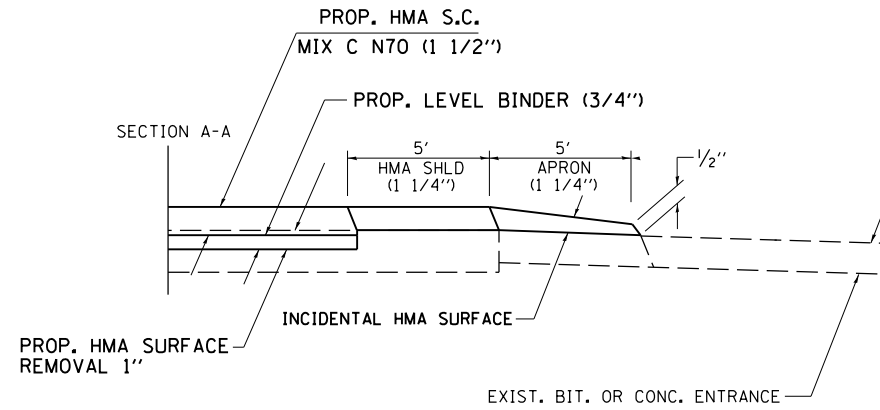
# SIDEROAD AND ENTRANCE (3P PROJECT)

## AGG. PRIVATE ENT., COMMERCIAL ENT., OR SIDEROAD W/ APRON

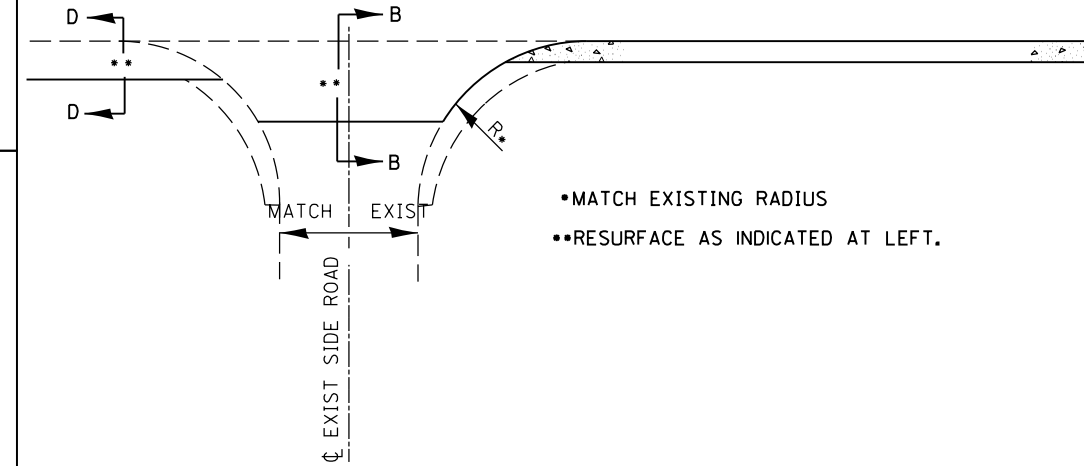
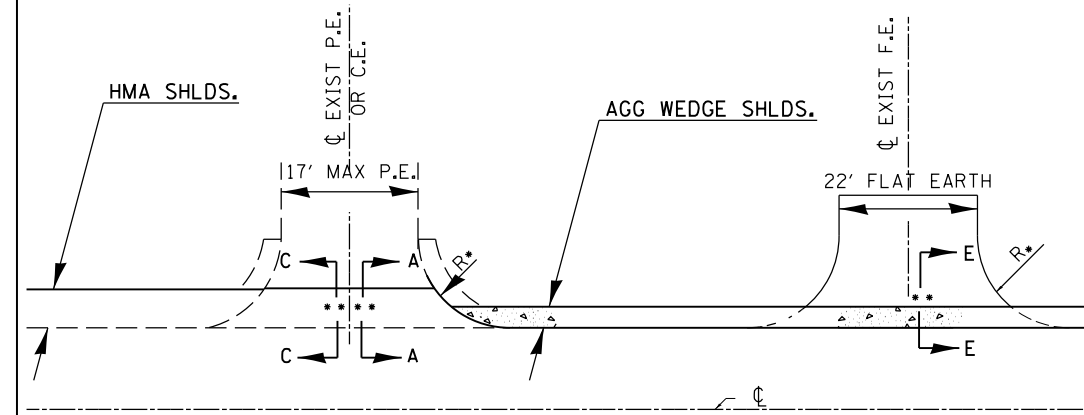


• 5' UNLESS OTHERWISE NOTED ON SIDEROAD/ENTRANCE SCHEDULE

## BIT. OR PCC PRIVATE OR COMMERCIAL ENTRANCE



EXIST. BIT. OR CONC. ENTRANCE

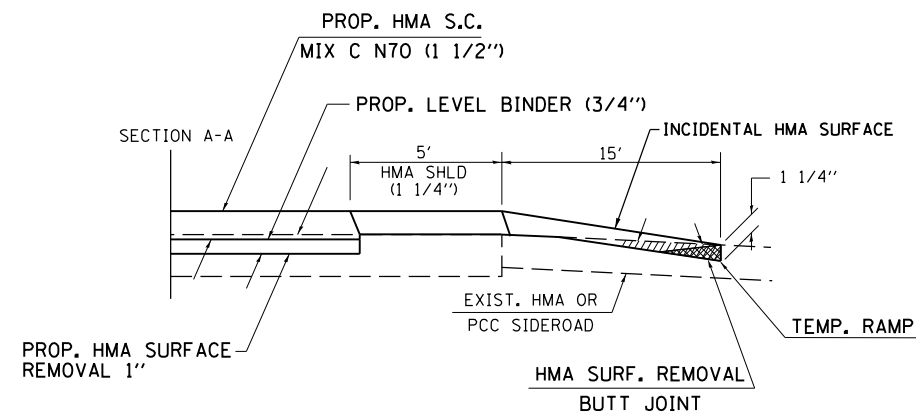


- MATCH EXISTING RADIUS
- RESURFACE AS INDICATED AT LEFT.

### ENTRANCE SCHEDULE

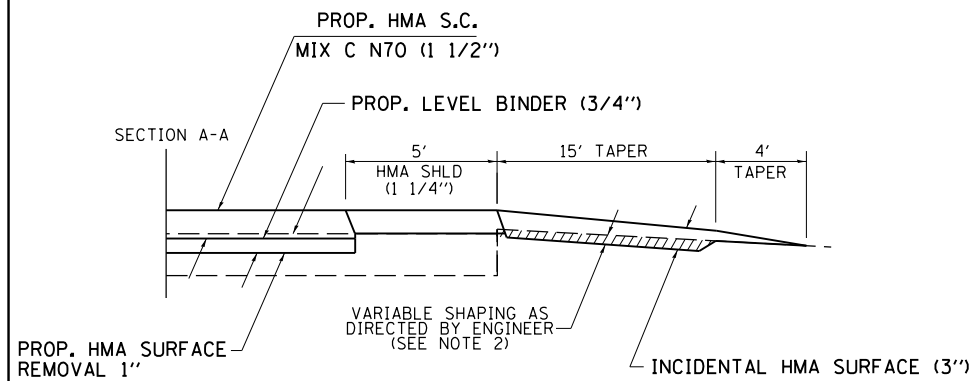
TYPE	NUMBER OF ENTRANCES
P.E.	26
C.E.	23
SIDEROADS	15

## EX. HMA OR PCC SIDEROADS WITH BUTT JOINT



• 15' UNLESS OTHERWISE NOTED ON SIDEROAD/ENTRANCE SCHEDULE

## EX. OIL & CHIP SIDEROADS (SEE NOTE 1)



VARIABLE SHAPING AS DIRECTED BY ENGINEER (SEE NOTE 2)

### NOTES

1. 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 406.09.
2. VARIABLE SHAPING IS INCLUDED IN THE COST OF INCIDENTAL HOT-MIX ASPHALT SURFACE.

FILE NAME =	USER NAME = greenleesm	DESIGNED -	REVISED -
p:\11\084EBID\INTEG.illinois.gov\PI\DOT\Documents\IDOT Offices\District 9\Projects\78488\Drawings\CAD\Sheets\78488-sht.dgn		DRAWN -	REVISED -
Default	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/11/2015	DATE -	REVISED -

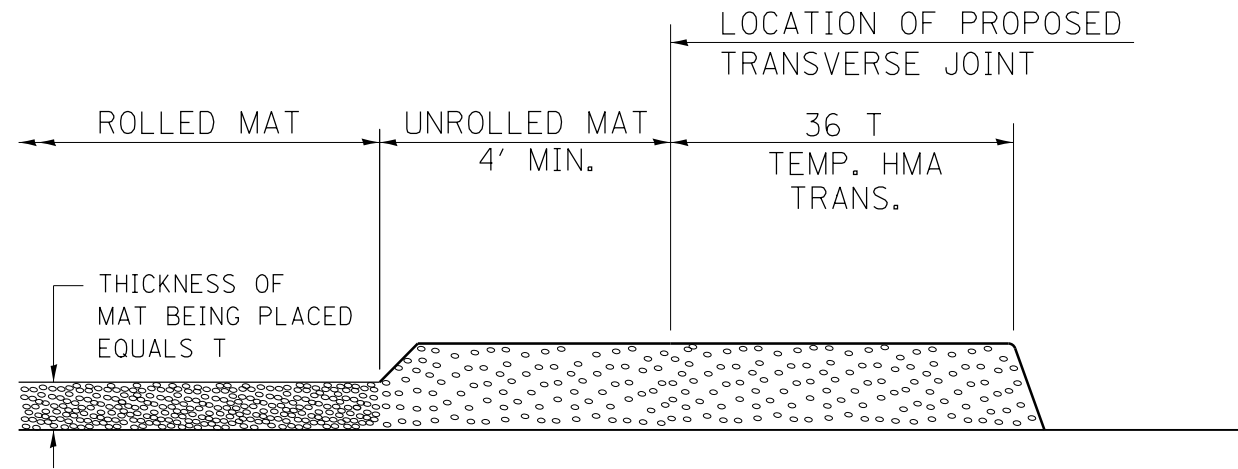
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DETAILS: SIDEROAD, ENTRANCES**

SCALE: SHEET OF SHEETS STA. TO STA.

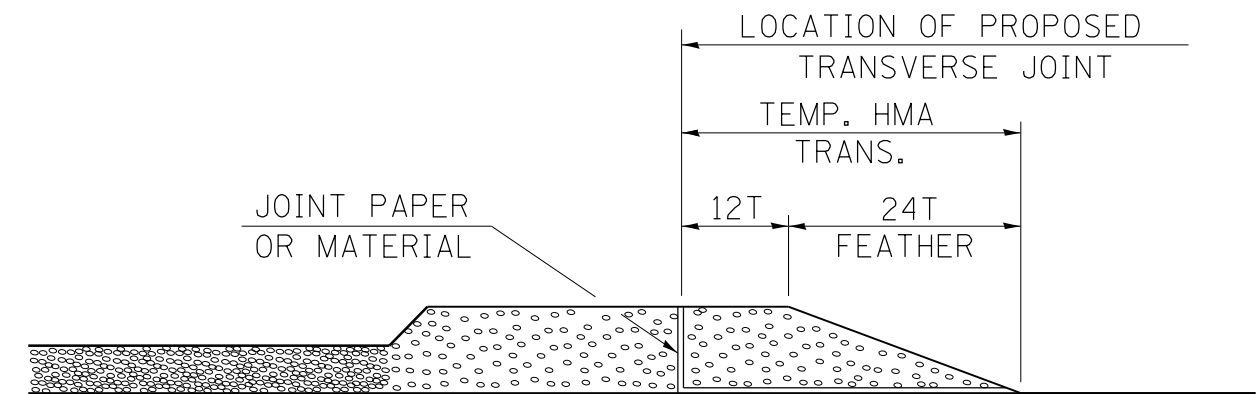
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
726	(17,18)RS-2	ALEXANDER	16	15
CONTRACT NO. 78488				
ILLINOIS FED. AID PROJECT				

# TEMPORARY HOT-MIX ASPHALT TRANSITIONS



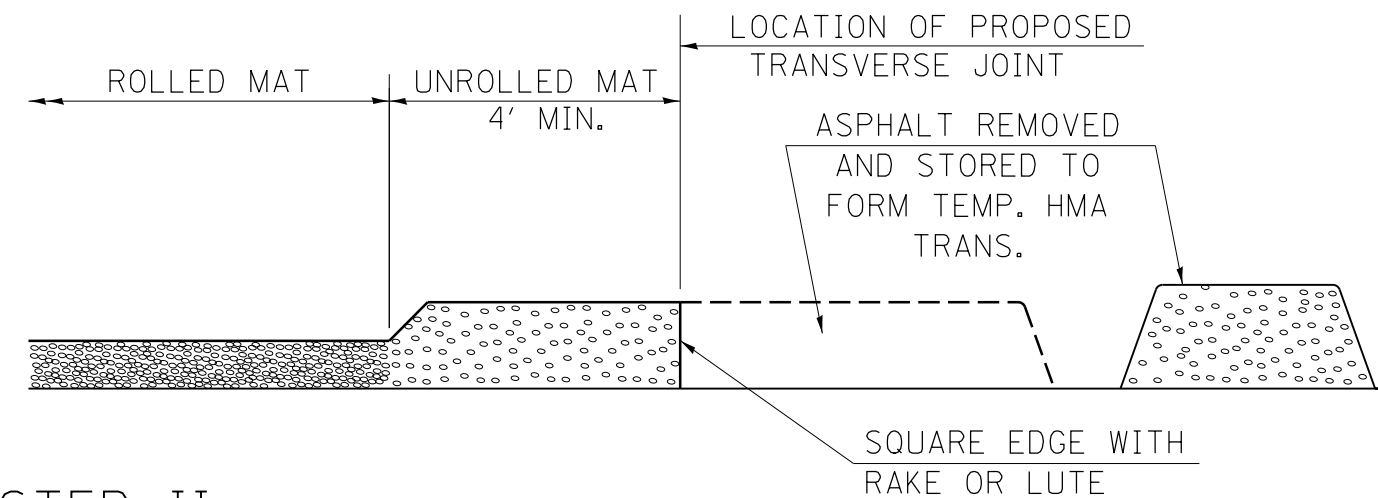
## STEP I

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



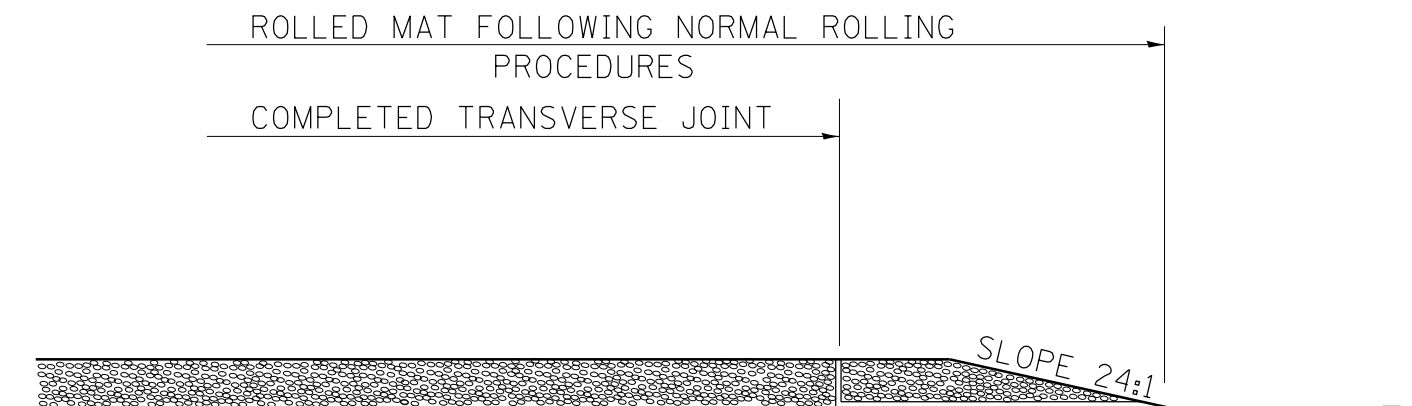
## STEP III

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

FILE NAME =	USER NAME = greenleesm	DESIGNED -	REVISED -
pw:\11\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 9\Projects\78488\Drawings\CAD\Sheets\78488-sht.dgn		DRAWN -	REVISED -
Default	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/11/2015	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DETAILS: TEMPORARY HOT-MIX ASPHALT TRANSITIONS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
726	(17,18)RS-2	ALEXANDER	16	16
CONTRACT NO. 78488				
ILLINOIS FED. AID PROJECT				