## 01-19-2018 LETTING ITEM 068

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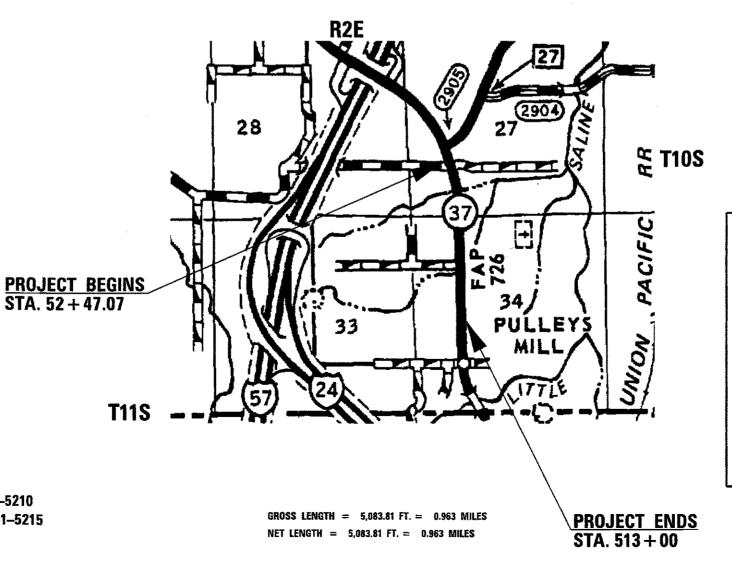
**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION** 

PROPOSED **HIGHWAY PLANS** 

> **ROUTE FAP 726 (IL 37)** SECTION 113RS-6

## PATCHING AND RESURFACING WILLIAMSON COUNTY

C-99-008-18



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

TRAFFIC DATA	
--------------	--

IL 37	
M.P.	(18.87-19.92)
<u>(2018)</u>	
PV =	3,995
SU =	230
MU =	195
ADT =	4,380
<u>(2038)</u>	
PV =	4,815
SU =	285
MU =	240
ADT =	5,340

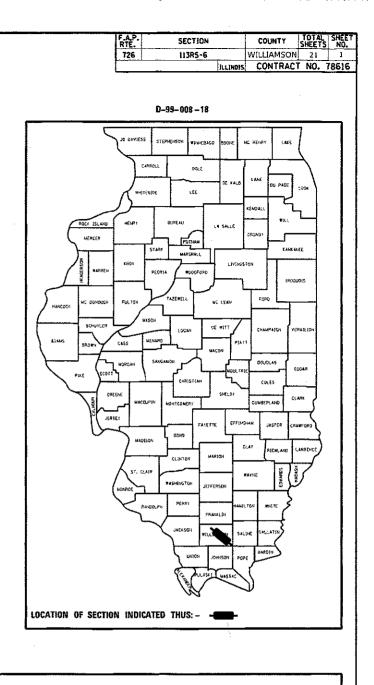
## **TOWNSHIPS** SOUTHERN

**DESIGN DESIGNATION : N/A COORDINATE SYSTEM : ILLINOIS EAST** POSTED SPEED : 55 MPH

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

PROJECT ENGINEER CHARLES STEIN (618) 351-5210 PROJECT DESIGNER AESHA JACKSON (618) 351-5215

CONTRACT NO. 78616



STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION** 

SUBMITTED Oct 30 2017 Orffring 2 Keen REGION FIVE ENGINEER NOU 30 20 1 DIRECTOR OF PROGRAM DEVELOPMENT PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

			Prepared By:	5
			Examined By: DISTRICT LAND ACOUNT	FLANS ENGINE
516.SiteetSagn			Examined By: Contract PROGRAM D	1 <u> </u>
16,CADData(CADSteetSY78)			Examined By: Caple DISTRICT OPERATION	2
sealblattact. 9JAnjectsi 786			Examined By: DISTRICT PROJECT IM	S PLEMENTATION E
iñg Todiksinanuseurood			Examined By:	TION ENGINEER
4 EBLIJINTEG. MInnys <sub>gov</sub> PWI			Examined By:	
USER NAME × Jacksonac DESIC	ined - REVISED -	STATE OF ILLINOIS	SIGNATURE SHEET	

## **INDEX OF SHEETS**

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	SIGNATURE SHEET
3 - 4	INDEX OF SHEETS, GENERAL NOTES, MIXTURE DESIGN,
	STANDARDS, COMMITMENTS, STATION EQUATIONS, MTD
5 - 6	SUMMARY OF QUANTITIES
7 - 13	TYPICAL SECTION
14 - 15	IL 37 MAINLINE RESURFACING SCHEDULE
16 - 19	DESIGN DETAILS FOR IL 37
20	DETAILS FOR HMA TRANSITION

21 UNEVEN LANE SIGN DETAIL AND ROUGH GROOVED SURFACE SIGNS

## **STANDARDS**

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF INCH AND FOOT
442201-03	CLASS C AND D PATCHES
701001-02	OFF-ROAD OPERATIONS 2L,2W, MORE THAN 15 FT. (4.5 m) AWAY
701006-05	OFF ROAD OPERATIONS-2L,2W-15 FT. TO EDGE OF PAVEMENT
701011-04	OFF ROAD MOVING OPERATIONS-2L,2W-DAY ONLY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-04	LANE CLOSURE, 2L, 2W-SLOW MOVE OPERATIONS DAY ONLY ≥ 45 MPH
701311-03	LANE CLOSURE 2L, 2W- MOVING OPERATIONS DAY ONLY
701336-06	LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES FOR SPEEDS ≥ 45 MPH
701901-07	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

## **STATION EQUATIONS**

STA. EQ. 70+00 (BK) TO STA. 479+69.12 (AH)

## COMMITMENTS

NONE

Locations	Hot-Mix Asphalt Surface Course
Mixture Use(s):	Hot-Mix Asphalt Surface Course, Mix D, 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:	D Surface
Mixture Weight:	112 lbs/Sq Yd/in
Quality Management Program:	QCQA
Sublot Size:	TBD
Number of Roller Passes <sup>17</sup>	N/A

The following HMA mixture requirement	ents are applicable for this project:
Locations	Hot-Mix Asphalt Shoulders
Mixture Use(s):	Hot-Mix Asphalt Surface Course, IL-9.5L, N30
AC/PG:	PG64-22
ABR % (Max):	See Special Provision
Design Air Voids:	4.0 %, 30 Gyration Design
Mixture Composition: (Gradation Mixture)	IL-9.5L
Friction Aggregate:	None
Mixture Weight:	112 lbs/Sq Yd/in
Quality Management Program:	QCQA
Sublot Size:	NA
Number of Roller Passes <sup>17</sup>	N/A

USER NAME = jacksonac	DESIGNED	REVISED - MJS 11-25-2017			FX OF SHE	FETS GE		OTES	MIXTURE DE	FSIGN	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEET
	DRAWN -	REVISED -	STATE OF ILLINOIS			-, -		/	N EOUATION		726	113RS-6	WILLIAMSON	21 3
PLOT SCALE = 100.0000 * / in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION	STAN	VDARDS,C		IENI3,3	TATIO	LUCATION	13,1111			CONTRAC	T NO. 78616
PLOT DATE = 11/3/2017	DATE -	REVISED +		SCALE:	SHEET	OF	SHEET	S STA.		TO STA.	0.0	ILLINOIS FED.	AID PROJECT	

# **MIXTURE DESIGN**

## **GENERAL NOTES**

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

FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:

ALL HOT MIX ASPHALT ALL AGGREGATE

2.016 TONS/ CU.YD. 2.05 TONS/ CU.YD.

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 REMOVALM AND HMA SURFACE COURSE.

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

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 SHALL CONTACT THE BUREAU OF OPERATIONS AND ARRANGE FOR INSPECTION AND APPROVAL OF THE PAVEMENT MARKING LAYOUT.

AFTER A LIFT OF HOT-MIX ASPHALT HAS BEEN PLACED ON A LANE, THAT LANE SHALL REMAIN CLOSED TO TRAFFIC UNTIL THE NEW MAT HAS COOLED TO 150 °F.

THE CONTRACTOR SHALL STAMP STATIONING IN THE HOT-MIX ASPHALT SURFACE AT 300 FT INTERVALS ALTERNATING SIDES ON THE OUTSIDE EDGE OF PAVEMENT AND AS DIRECTED BY THE ENGINEER. THE STATION SYMBOL STAMPS USED SHALL BE FURNISHED BY THE CONTRACTOR. THEY SHALL BE 140 mm (51/2 IN.) TALL, OF A DESIGN APPROVED BY THE ENGINEER. AND SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

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 202.3 OF THE STANDARD SPECIFICATIONS.

AGGREGATE IN AGGREGATE SHOULDERS, TYPE B.

## **MIXTURE DESIGN-CONT'D**

The following HMA mixture requirements are applicable for this project: Locations Mixture Use(s): AC/PG: ABR % (Max): Design Air Voids: Mixture Composition: (Gradation Mixture) Friction Aggregate: Mixture Weight: Quality Management Program: Sublot Size: Number of Roller Passes

## **MTD CROSSING RESTRICTIONS TABLE**

STRUCTURE NUMBER ROUTE (IL 37 Williamson County)	EXISTING FILL HEIGHT OVER BOX CULVERT	THICKNESS OF EXISTING PAVEMENT OVER BOX CULVERT	MTD CROSSING RESTRICTIONS
	FOOT	FOOT	
100-7102	9.2	3	none
100-7101	4.1	3	none
100-0091	0	0	emptied

_	USER NAME = jacksonac	DESIGNED -	REVISED -		INF	EX OF SHE	ETS GEN	NERAL NOTES, MIXT		F.A.P. BTE	SECTION	COUNTY TOTAL SHEET
		DRAWN -	REVISED -	STATE OF ILLINOIS			,	,		726	113RS-6	WILLIAMSON 21 4
	PLOT SCALE = 100.0000 / in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION	STANDA		/IIIWENTS	5,5TATION EQUAT	ONS,MTD-CONT'D			CONTRACT NO. 78616
	PLOT DATE = 11/3/2017	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS STA.	TO STA.		ILLINOIS FED.	AID PROJECT

## RECLAIMED ASPHALT PAVEMENT (RAP) WILL NOT BE ALLOWED FOR USE AS

Pavement Patching
Hot-Mix Asphalt Binder Course, IL-19.0, N70
PG64-22
See Special Provision
4.0 %, 70 Gyration Design
IL-19.0
None
112 lbs/Sq Yd/in
QCQA
TBD
N/A

 $\lambda_{lj}$ 

				COUNTY:	WILLIAMSON
		F QUANTITIES		ROUTE:	IL 37, FAP 726
				FUNDING:	STATE 100%
			• ·	LOCATION:	RURAL
CODE				TOTAL	ROADWAY
UMBER	ITEM DES	SCRIPTION	UNIT	QUANTITY	0005
40600990	TEMPORARY RAMP		SQ YD	49	49
40603340	HOT-MIX ASPHALT SURFACE COURSE, MI	X "D". N70	TON	1274	1274
40700100	BITUMINOUS MATERIALS (TACK COAT)		POUND	7348	7348
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1	1/2"	SQ YD	16318	16318
44200180					
44200180	PAVEMENT PATCHING, TYPE II, 15 INCH		SQ YD	80	80
48102100	AGGREGATE WEDGE SHOULDER, TYPE B		TON	131	131
			· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	·
48203100	HOT-MIX ASPHALT SHOULDERS		TON	244	244
67100100	MOBILIZATION		LSUM	1	1
70100460	TRAFFIC CONTROL AND PROTECTION, ST	ANDARD 701306	LSUM	1	1
					!
70100600	TRAFFIC CONTROL AND PROTECTION, ST	ANDARD 701336	LSUM	1	1
70300100	SHORT TERM PAVEMENT MARKING		FOOT	1148	1148
70300210	TEMPORARY PAVEMENT MARKING LETTE	RS AND SYMBOLS	SQ FT	37	37
70300220	TEMPORARY PAVEMENT MARKING - LINE	4" 	FOOT	17304	17304
70300260	TEMPORARY PAVEMENT MARKING - LINE	12"	FOOT	600	600
	DESIGNED - REVISED - DRAWN REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATIO		SUMMARY OF QUANTITIES	F.A. RTE 720

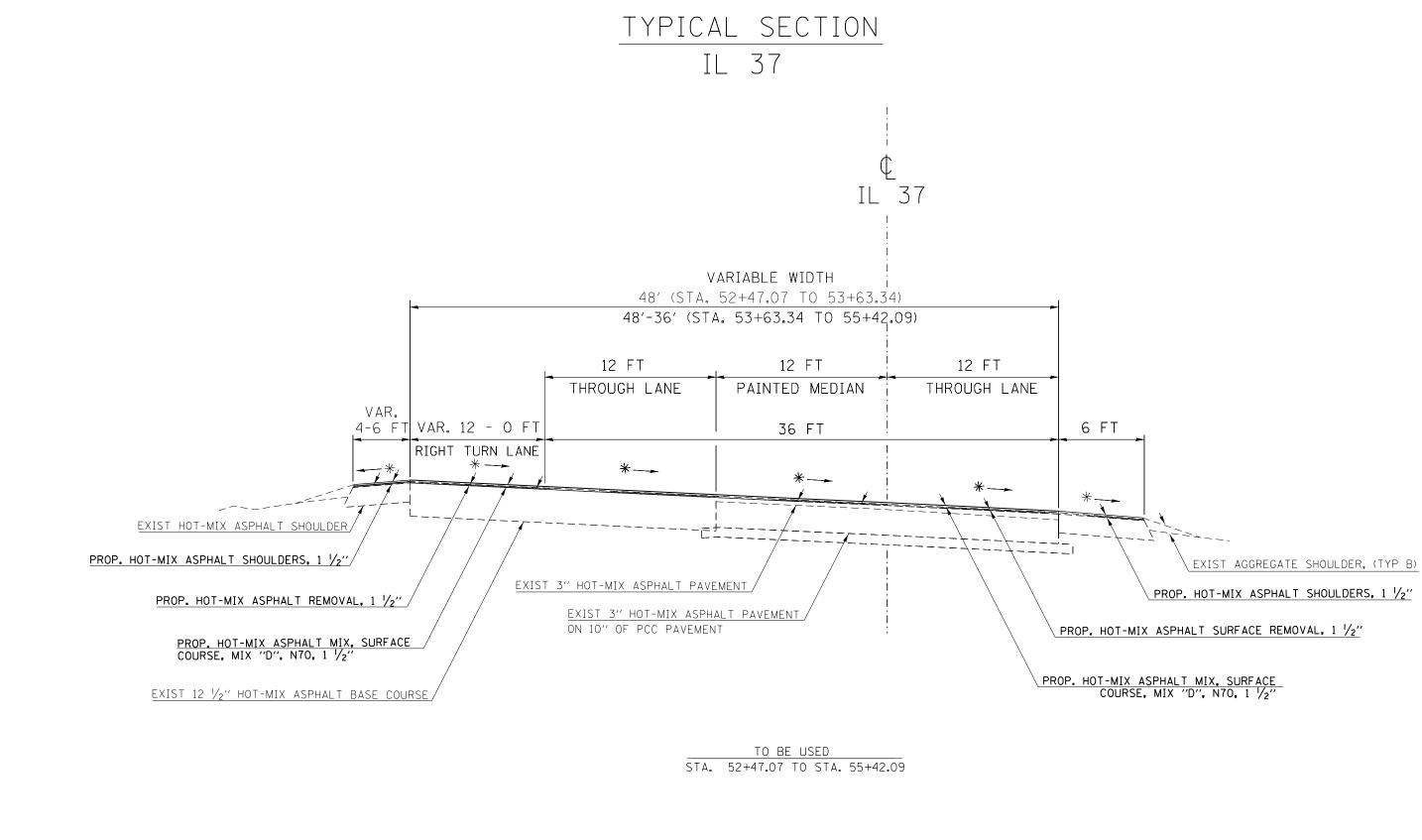
	SUMMARY OF QUANTITIES -	CONT	COUNTY: ROUTE: FUNDING: LOCATION:	WILLIAMSON IL 37, FAP 726 STATE 100% RURAL
CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY 0005
78001100	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	37	37
78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	17304	17304
78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	600	600
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	84	84
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	84	84
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	28	28
X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	5768	5768
Z0034105	MATERIAL TRANSFER DEVICE	TON	1274	1274

\* SPECIALTY ITEM

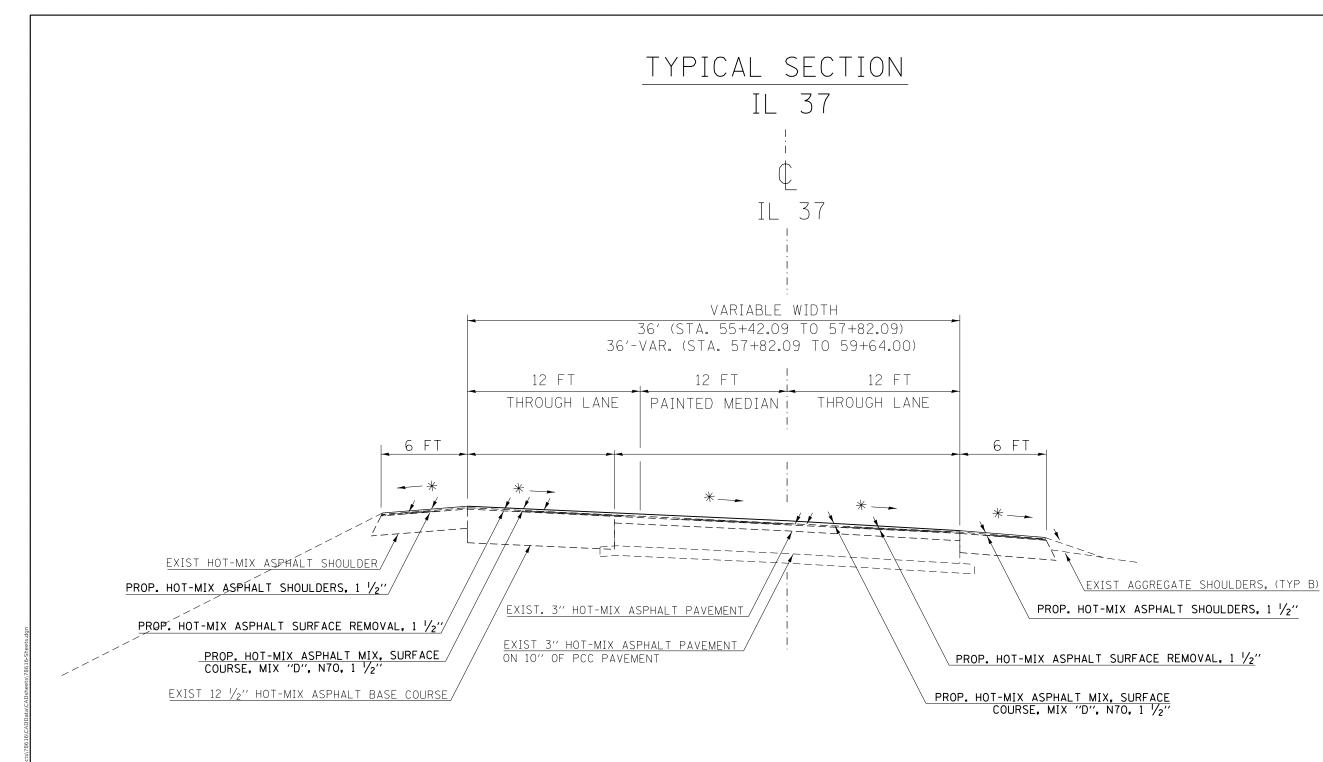
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	USER NAME = jacksonas	DESIGNED -	REVISED -			F.A.P. SECTION	COUNTY TOTAL SHEET
L L		DRAWN -	REVISED -	STATE OF ILLINOIS	SUMMARY OF OUANTITIES	N/E.	COUNTY SHEETS NO.
l l	PLOT SCALE = \$00.0060 17 in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION		726 113RS-6	WILLIAMSON 21 5
[	PLOT DATE = 11/3/2017	DATE -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.		CONTRACT NO. 78616

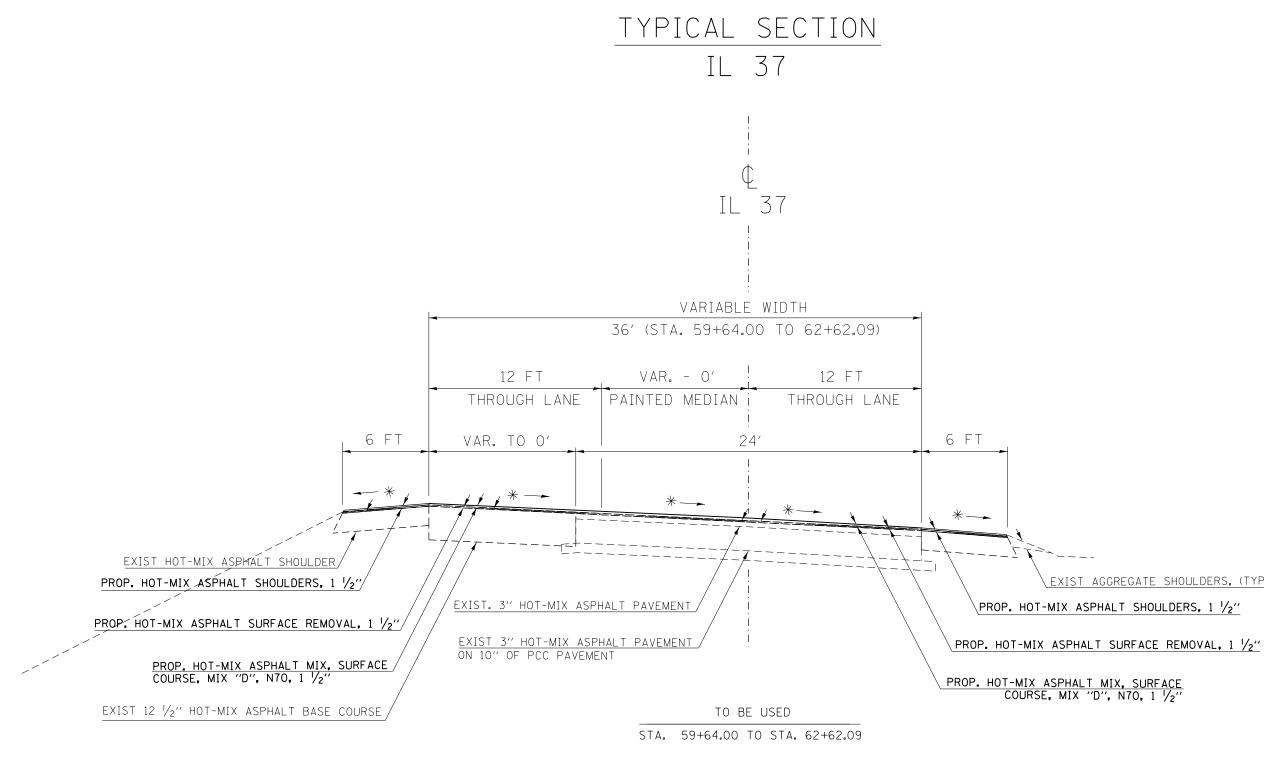


USER NAME = jacksonac	DESIGNED -	REVISED -				-				F.A.P. RTE	SECTION	COUNTY	TOTAL SHEET SHEETS NO.
	DRAWN -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION SCAL	TYPICAL SECTION						726	113RS-6	WILLIAMSON	21 7
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -										CONTRACT	T NO. 78616
PLOT DATE = 11/3/2017	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA. 52+47.07	TO STA. 55+42.09		ILLINOIS FED	AID PROJECT	



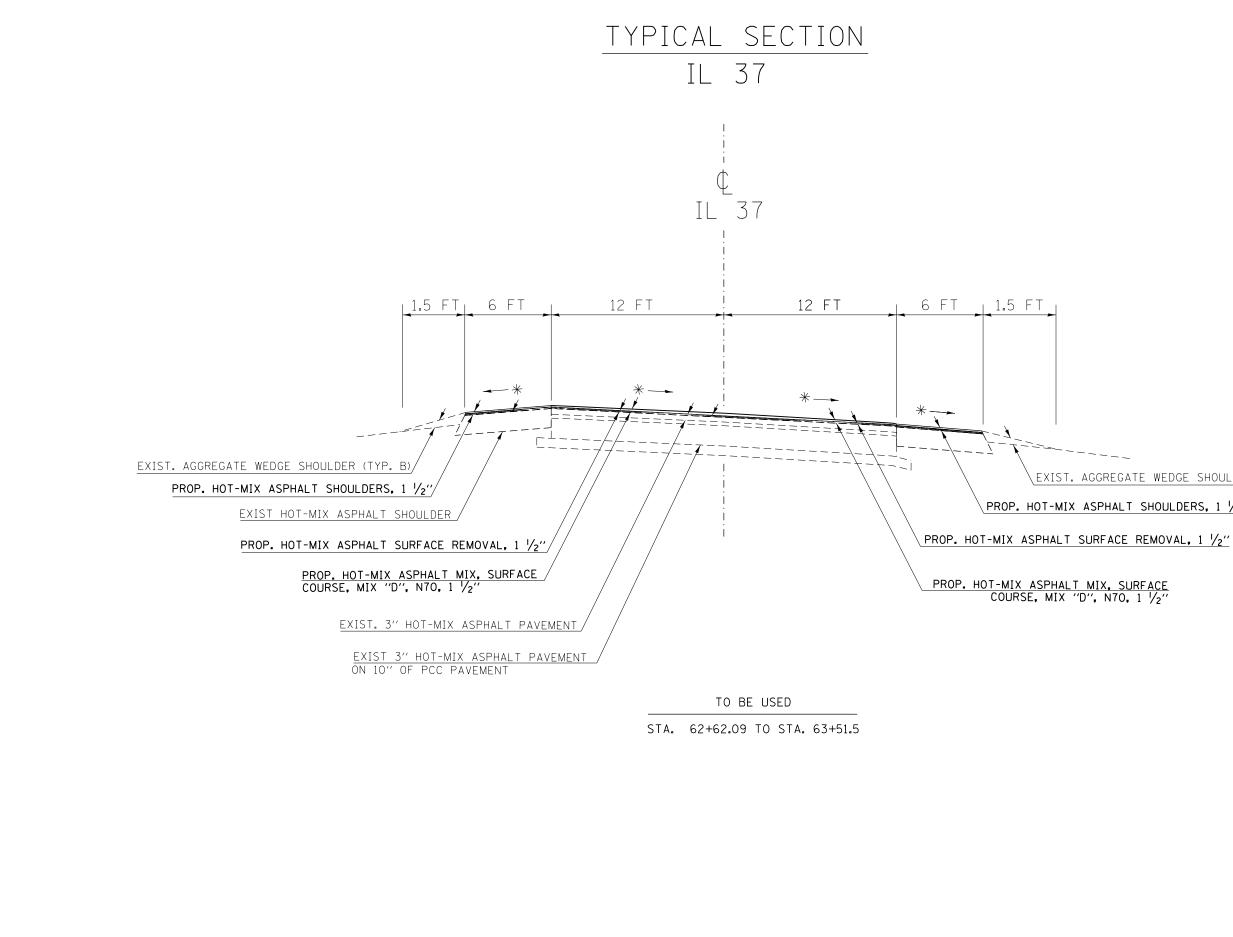
TO BE USED STA. 55+42.09 TO STA. 59+64.00

USER NAME = jacksonac	DESIGNED -	REVISED -								F.A.P. BTE	SECTION	COUNTY	TOTAL	SHEET
	DRAWN -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION									WILLIAMSON	21	8
PLOT SCALE = 100.0000 / in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION										T NO. 78	3616
PLOT DATE = 11/3/2017	DATE -	REVISED -	SCA		SHEET	OF	SHEETS	STA. 59+64.00	TO STA. 62+62.09		ILLINOIS FED.	AID PROJECT		



USER NAME = jacksonac	DESIGNED -	REVISED -							F.A.P. RTE	SECTION	COUNTY TOTAL SHEET SHEETS NO.
	DRAWN -	REVISED -	STATE OF ILLINOIS				CAL SECTION		726	113RS-6	WILLIAMSON 21 9
PLOT SCALE = 100.0000 / in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION								CONTRACT NO. 78616
PLOT DATE = 11/3/2017	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS STA. 59+64.00	TO STA 62+62.09		ILLINOIS FED.	AID PROJECT

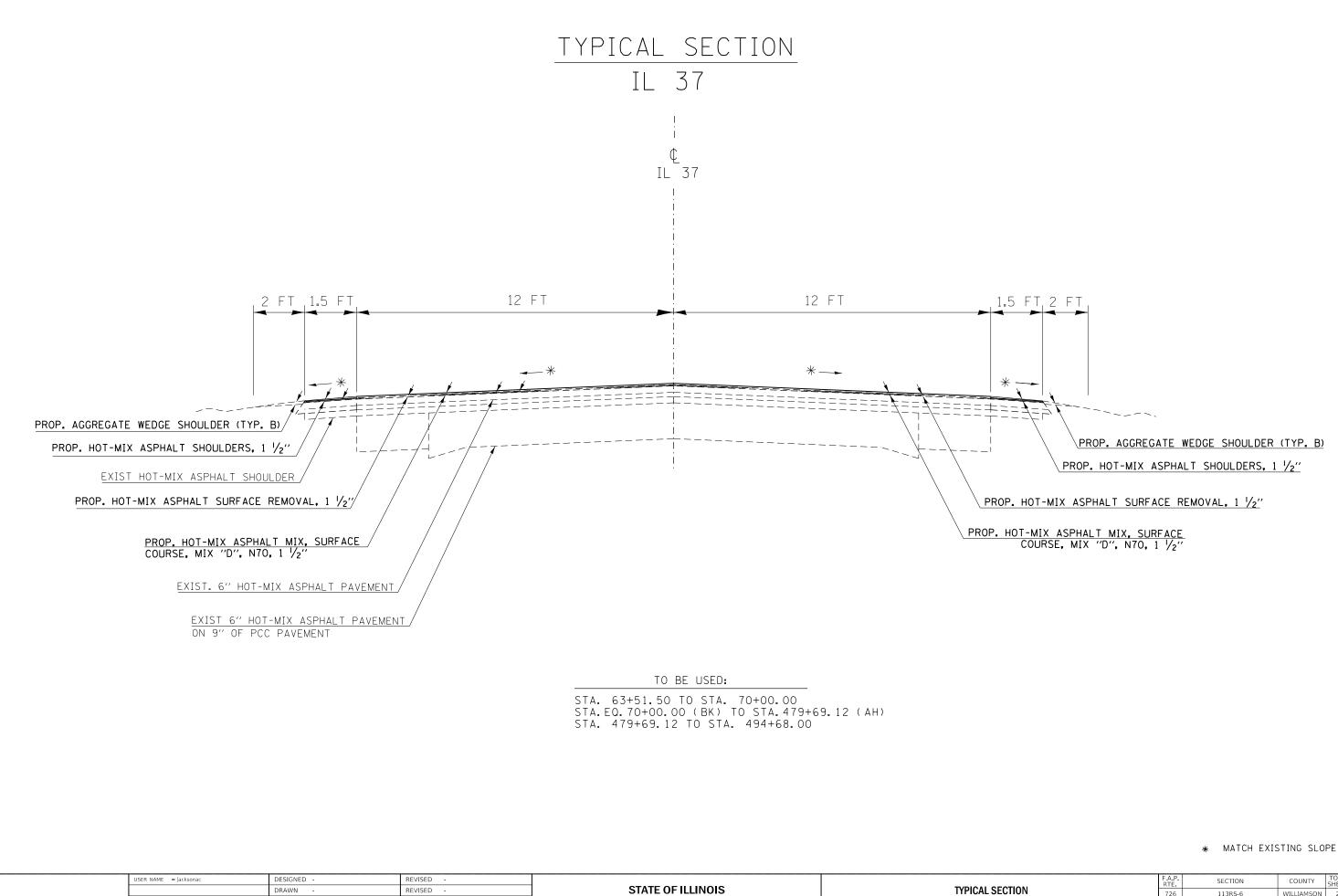
\EXIST AGGREGATE SHOULDERS, (TYP B)



USER NAME = jacksonac	DESIGNED -	REVISED -								F.A.P. RTE	SECTION	COUNTY	TOTAL SHEET SHEETS NO.
	DRAWN -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION SCALE:	TYPICAL SECTION						726	113RS-6	WILLIAMSON	21 10
PLOT SCALE = 100.0000 / in.	CHECKED -	REVISED -										CONTRACT	T NO. 78616
PLOT DATE = 11/3/2017	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA. 62+62.09	TO STA 63+51.50		ILLINOIS FED	AID PROJECT	

EXIST. AGGREGATE WEDGE SHOULDER (TYP. B)

PROP. HOT-MIX ASPHALT SHOULDERS, 1 1/2"



DEPARTMENT OF TRANSPORTATION		
	SCALE	SHEET

PLOT SCALE = 100.0000 ' / in.

PLOT DATE = 11/3/2017

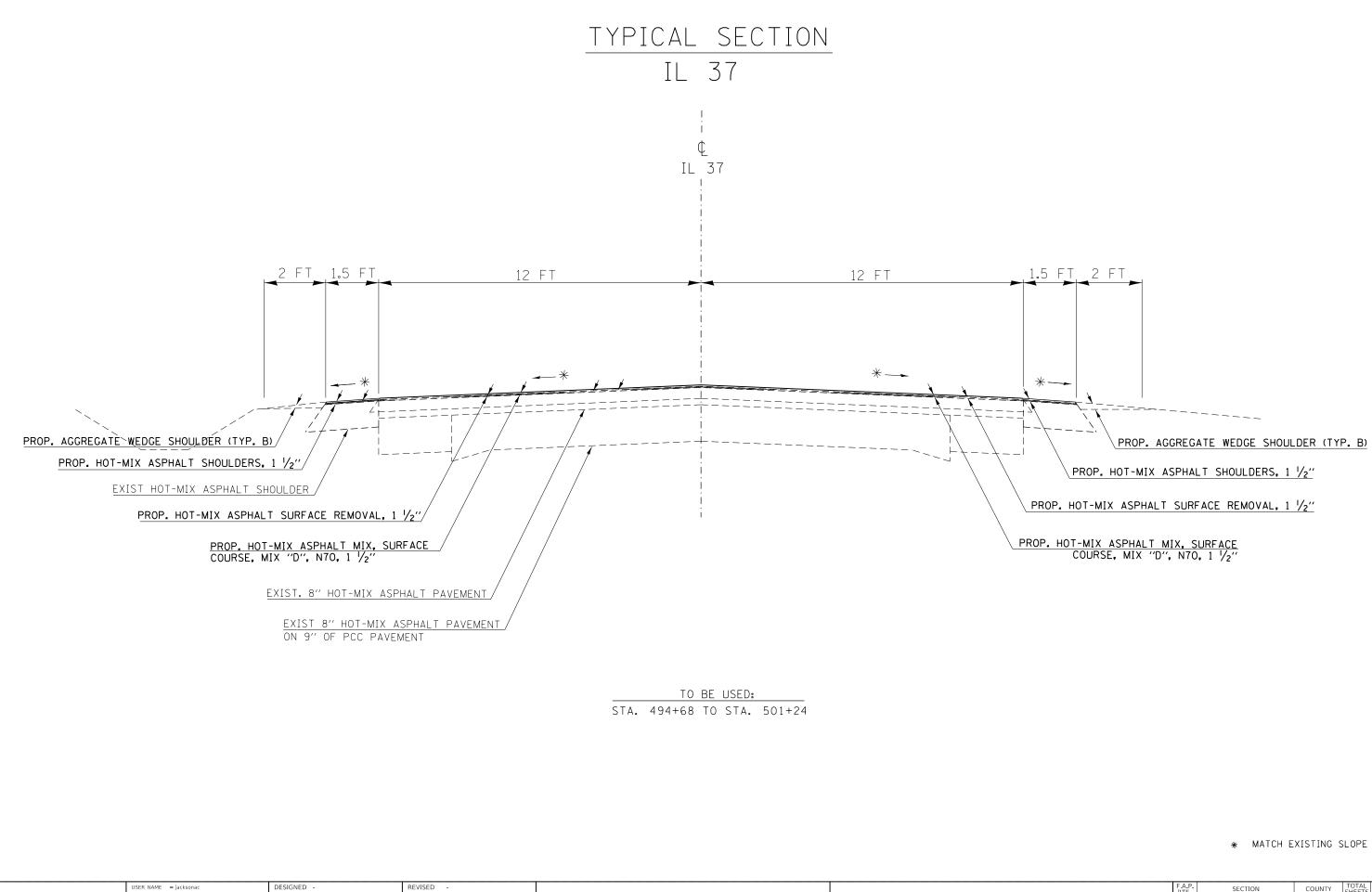
CHECKED -

DATE

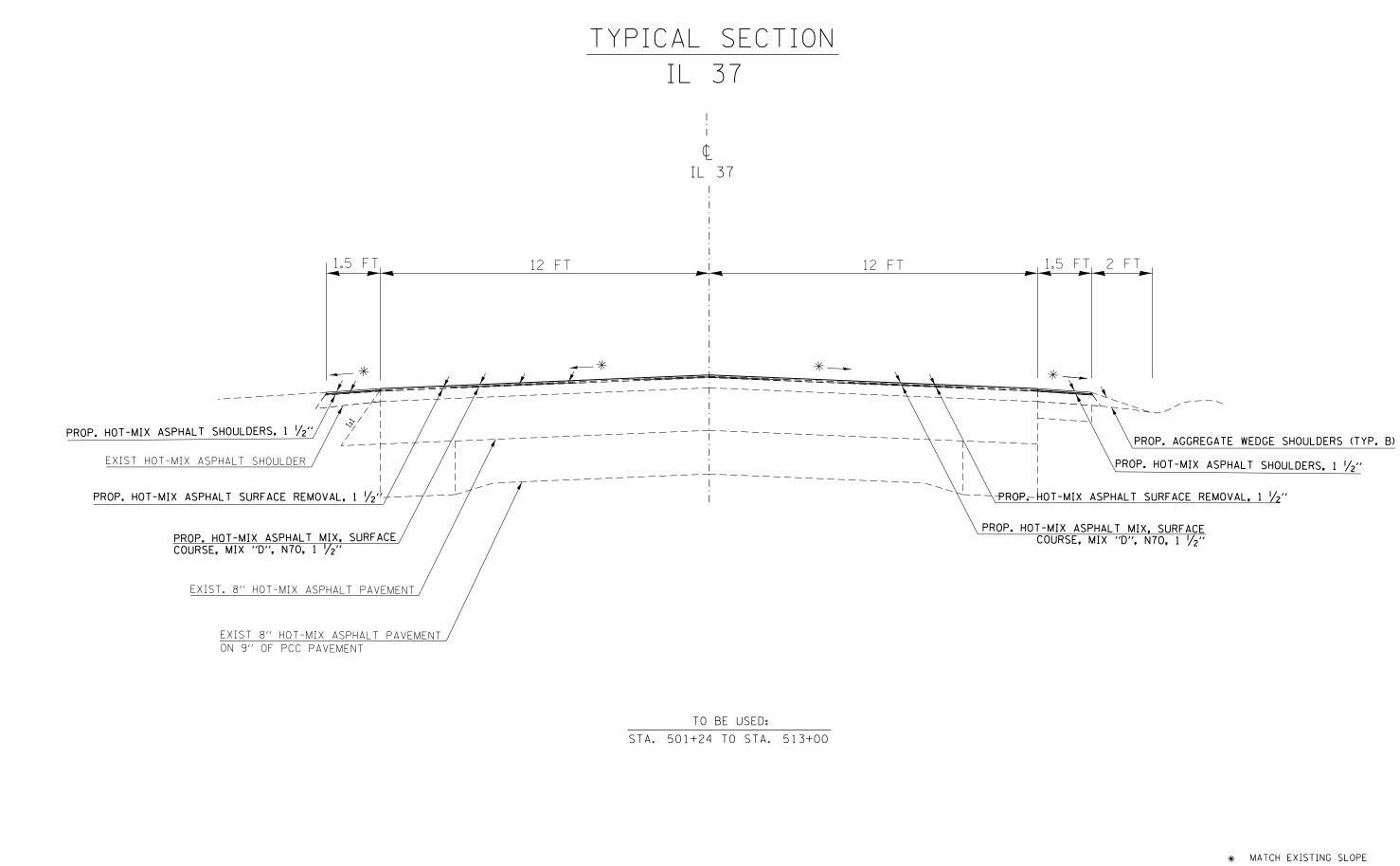
REVISED

REVISED

7/01	TYPICAL SECTION			F.A.P. RTE	SECT	ION		COUNTY	TOTAL SHEETS	SHEET NO.	
ITPI	TYPICAL SECTION		726	113F	₹S-6		WILLIAMSON	21	11		
									CONTRACT	NO. 78	3616
OF SHEETS STA. TO STA.						ILLINOIS	FED. AI	ID PROJECT			



USER NAME = jacksonac	DESIGNED -	REVISED -							F.A.P. BTE	SECTION	COUNTY TO	TAL SHEET
	DRAWN -	REVISED -	STATE OF ILLINOIS			TYP	ICAL SECTION		726	113RS-6	WILLIAMSON	21 12
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION SCALE:								CONTRACT NO	0. 78616
PLOT DATE = 11/3/2017	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS STA 494+68	TO STA. 501+24		ILLINOIS FED	. AID PROJECT	



USER NAME = jacksonac	DESIGNED -	REVISED -							F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
	DRAWN -	REVISED -	STATE OF ILLINOIS	TYPICAL SECTION						113RS-6	WILLIAMSON	21	13
PLOT SCALE = 100.0000 / in	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION								CONTRACT	NO. 78	3616
PLOT DATE = 11/3/2017	DATE -	REVISED -	SC		SHEET	OF	SHEETS STA. 501+24	TO STA. 513+00		ILLINOIS FEE	AID PROJECT		

## **IL 37 MAINLINE RESURFACING SCHEDULE**

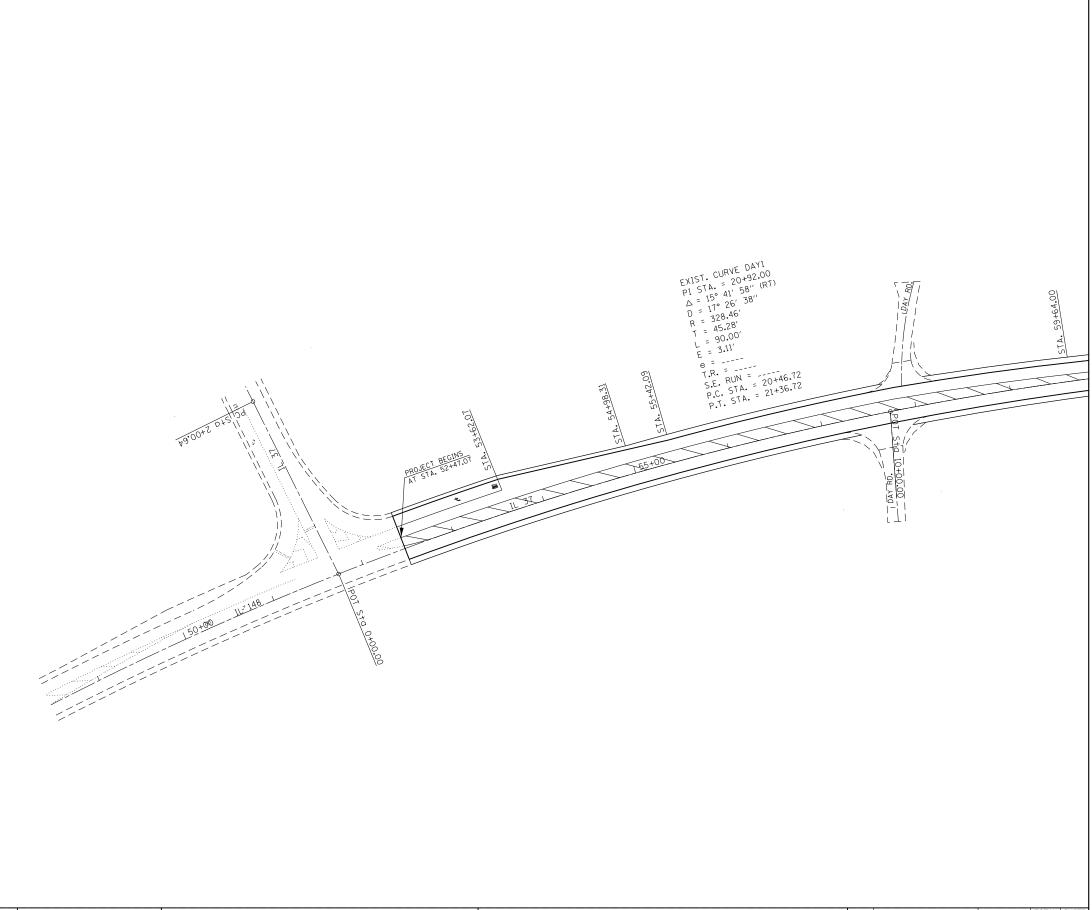
	LOCA			LENGTH	ROADWAY WIDTH	SHOULDER WIDTH	TEMP RAMP	HMA SUR. REMOV 1 1/2"	HOT-MIX ASP. SUR. CSE., MIX D, N70	BIT. MAT. (TACK	AGG. WEDGE SHOULDERS,	HMA SHOULDERS
	STATION 1	'0 S1	<b>FATION</b>	FOR INF	ORMATIONA ONLY	AL PURPOSE		1 1/2	(1 1/2")	ĊOAT)	TY. B	
				(FT)	(FT)	(FT)	(SQ YD)	(SQ YD)	(TON)	(LBS)	(TON)	(TON)
MA	INLINE: STA.	52+4	7.07 TO STA	. 513+00							·	
	52+47.07	то	53+62.00	115								
LT	52+47.07	то	53+62.00	115	36	4	23	511	39	230		5
RT	52+47.07	то	53+62.00	115	12	6	10	230	13	104		7
	53+62.00	то	55+42.09	180								
LT	53+62.00	то	55+42.09	180	36 TO 24	4 TO 6		601	51	271		11
RT	53+62.00	то	55+42.09	180	12	6		361	21	163		11
	55+42.09	то	59+64.00	422								
LT	55+42.09	то	59+64.00	422	24	6		1,407	95	633		24
RT	55+42.09	то	59+64.00	422	12	6		844	48	380		24
	59+64.00	то	62+62.09	298								
LT	59+64.00	то	62+62.09	298	18	6		795	51	358		17
RT	59+64.00	то	62+62.09	298	12	6		597	34	269		17
	62+62.09	то	63+51.50	89								
LT	62+62.09	то	63+51.50	89	12	6		179	11	81		6
RT	62+62.09	то	63+51.50	89	12	6		179	11	81		6
	63+51.50	то	70+00.00	649								
LT	63+51.50	то	70+00.00	649	12	1.5		865	74	390	13	10
RT	63+51.50	то	70+00.00	649	12	1.5		865	74	390	13	10
STA.	EQ. 70+00.00	(BK)	= STA. 479+	69.12 (AH)								
	479+69.12	то	501+24.00	2,155								
LT	479+69.12	то	501+24.00	2,155	12	1.5		2874	243	1293	41	31
RT	479+69.13	то	501+24.00	2,155	12	1.5		2874	243	1,293	41	31
	501+24.00	то	513+00.00	1,176								
LT	501+24.00	то	513+00.00	1,176	12	1.5	8	1568	133	706	23	17
RT	501+24.00	то	513+00.00	1,176	12	1.5	8	1568	133	706		17
	MAINLINE	тот	ALS				49	16,318	1,274	7,348	131	244

USER NAME = jacksonac	DESIGNED -	REVISED -								F A P. BTE	SECTION	COUNTY	TOTAL S	HEET
	DRAWN -	REVISED -	STATE OF ILLINOIS	IL 37 MAINLINE RESURFACING SCHEDULE						726	113RS-6	WILLIAMSO	N 21	14
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION								CONTRA	CT NO. 786	516	
PLOT DATE = 11/3/2017	DATE -	REVISED -	S	SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS		FED, AID PROJECT		

# PAVEMENT MARKING SCHEDULE

			PAINT PA	AVEMENT N	IARKING			SHORT	TEMP	WORK	RAISED	RAISED
IL ROUTE 37 (FAP 726)	LENGTH	SOLID	LIN	E - YELLOV	V 4"		LETTERS	TERM	ΡΥΜΤ	ZONE	REF PVMT	<b>REF PVMT</b>
LOCATION		WHITE	LEFT	CENTER	RIGHT	LINE	AND	PVMT	MRK	PAVT MK	MKR	MKR
STATION TO STATION		4"	SOLID	DASHED	SOLID	12"	SYMBOLS	MRK	4"	REM		REMOVAL
STA TO STA	FEET	FT	FT	FT	FT	FT	SQ FT	FT	FT	SQ FT	EACH	EACH
IL 37 (FAP 726)												
STA 52+47.07 TO STA 62+62.00	1,015	2,150	1,015		1,015	600	37	203	4,180	1,461	25	25
STA 62+62.00 TO STA 70+00.00	738	1,476		185				148	1,661	603	9	9
STA 63+50.00 TO STA 70+00.00	650	1,300		163				130	1,463	531	8	8
STA. EQ. 70+00 BK = STA. 479+69.12 AH												
STA 479+69.12 TO STA 490+17.00	1,048	2,096		262				210	2,358	856	13	13
STA 490+17.00 TO STA 499+55.00	938	1,876		235	938			188	3,049	1,079	12	12
STA 499+55.00 TO STA 501+25.00	170	340		43				34	383	139	2	2
STA 501+25.00 TO STA 510+90.00	965	1,930	505	127	965			193	3,527	1,240	12	12
STA 510+90.00 TO STA 513+00.00	210	420	210	53				42	683	242	3	3
PROJECT TOTALS		11,588	1,730	1,068	2,918	600	37	1,148	17,304	6,151	84	84
			17,	,304								

USER NAME = jacksonac	DESIGNED -	REVISED -							F.A.P. BTE	SECTION	COUNTY TOTA	FTS NO	
	DRAWN -	REVISED -	STATE OF ILLINOIS	PAVEMENT MARKING SCHEDULE			726	113RS-6	WILLIAMSON 21	1 15			
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION						CONTRACT NO.	78616			
PLOT DATE = 11/3/2017	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.		ILLINOIS F	ED. AID PROJECT	



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USER NAME = jacksonac	DESIGNED -	REVISED -							
	DRAWN -	REVISED -	STATE OF ILLINOIS		DESIGN DETAILS FOR IL 37		113RS-6	WILLIAMSON	21 16
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION					CONTRACT	T NO. 78616
PLOT DATE = 11/3/2017	DATE -	REVISED -		SCALE: SHEET	OF SHEETS STA 52+47.07 TO STA 59+82.98		ILLINOIS F	ED. AID PROJECT	

			8		AH 00.00 BK	
<u>160+80</u>	STA 62+62	S TA 66	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		<u>STA 20+00.00 BK</u> <u>STA 20+00.00 BK</u> <u>STA 20+00.00 BK</u> <u>STA 20+00.00 BK</u>	
Data/CADsheets/26.15-Sheets.dgn						
s.gov:PWIDOT/Documents/IDOT Offices/District 9/Projects/78616/CAD						
MODE: Derait	USER NAME = jacksonac PLOT SCALE = 100.0000 ' / in. PLOT DATE = 11/3/2017	DESIGNED - DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DESIGN DETAILS FOR IL 37 SCALE: SHEET OF SHEETS STA. 59+82.98 TO STA	F.A.P. RTE.         SECTION         COUNTY         TOTAL SHEETS         SHEET NO.           726         113R5-6         WILLIAMSON         21         17           CONTRACT NO. 78616           A. 485+28.05         ILLINOIS         FED. AID PROJECT

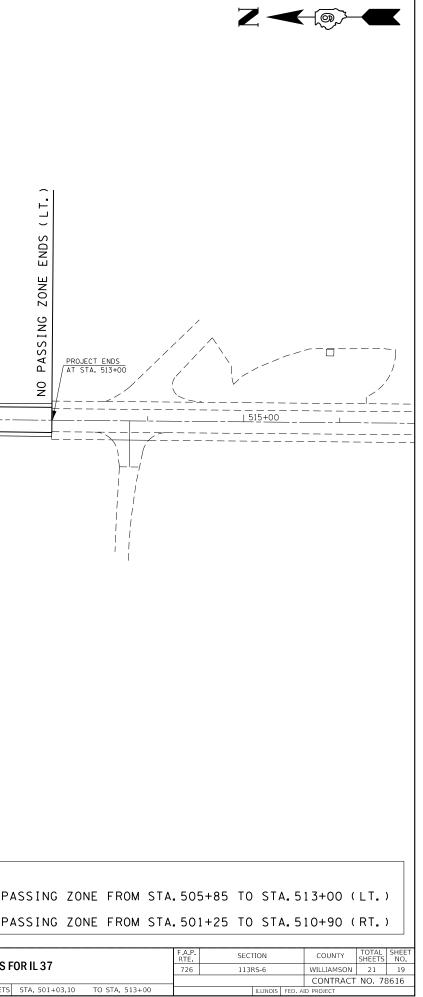


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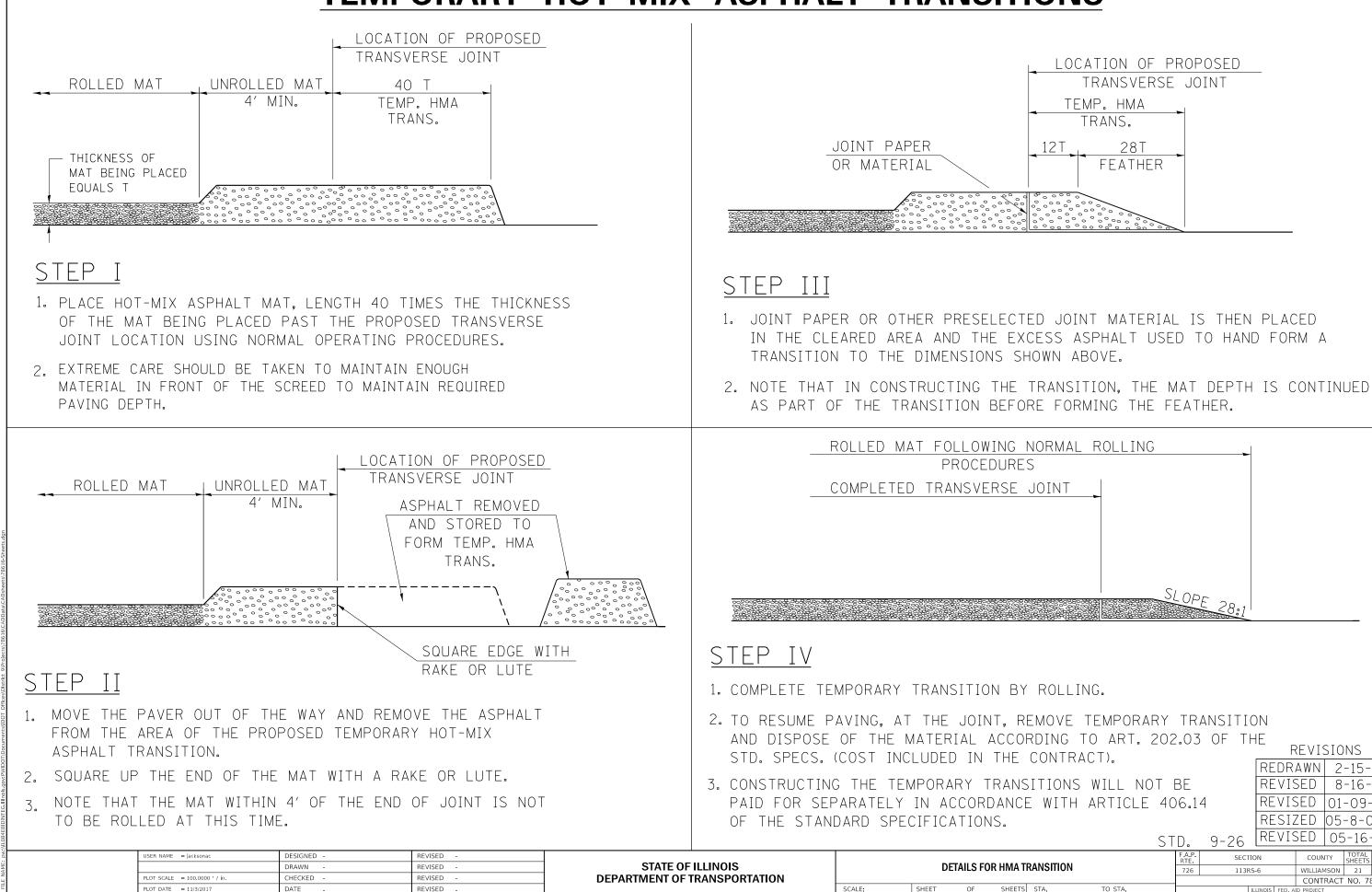
			490+00		495+00	
			~			
			NO PASSING ZONE BEGINS (RT. STA. 490+17			NO PASSING ZONE ENDS (RT. STA. 499+55
USFR NAM	1E = Jacksonac I	DESIGNED - R	EVISED -		NOTE: 1. NO PASSING ZONE FROM	STA. 490+17 TO STA. 499+55 (RT.)
	1	DRAWN - R	EVISED -	STATE OF ILLINOIS	DESIGN DETAILS FOR IL 37	F.A.P. RTE.         SECTION         COUNTY         TOTAL SHEETS         SHE NO           726         113RS-6         WILLIAMSON         21         1
			EVISED -	DEPARTMENT OF TRANSPORTATION	SCALE:         SHEET         OF         SHEETS         STA. 485+28.05         TO         STA. 501+	CONTRACT NO. 78616
PLOT DATE	L = 11/3/2017				SUCCE. SILLI OF SHEETS STA. 483+28.03 TO STA. 501+	03.10 ILLINOIS FED. AID PROJECT

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				NO PASSING ZONE BEGINS (LT.) STA. 505+85		
	( RT. )					E L L L L L L L L L L L L L L L L L L L
pwi\lL084EBIDINTEG.IIIInols.gov:PWID07L0pcuments\ID07_0fflces\District_9\Projects\78616(CADData\CADSheets\78616-Sheets.dgn	NO PASSING ZONE BEGINS (RT.) STA. 501+25	USER NAME = jacksonac	DESIGNED -	REVISED -		NO FASSING ZONE ENDS SIA: 510+90 SIA: 510+
LE NAME: L		PLOT SCALE = 100.0000 ' / in.	DRAWN - CHECKED -	REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DESIGN DETAILS F
Ē		PLOT DATE = 11/3/2017	DATE -	REVISED -		SCALE: SHEET OF SHEETS



# **TEMPORARY HOT-MIX ASPHALT TRANSITIONS**



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JOINT			
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	SLOPE 2		
		8:1	

EMOVE TEMPORARY TRANSITION							
RDING TO ART. 202 (Contract).	HE F	REVIS	SIONS				
CONTINACT/.	REDR	AWN	2-15-89				
SITIONS WILL NOT	ΒE		REVIS	SED	8-16-94		
E WITH ARTICLE 40	06.1	4	REVIS	SED	01-09-07		
			RESIZ	RESIZED 05-8			
ST	D.	9-26	REVIS	SED	05-16-13		
DANGITION	F.A.P. RTE	SECT	ION	COUN	ITY TOTAL SHEET SHEETS NO.		
RANSITION	726	1136	<b>\S-6</b>	WILLIAN			
STA. TO STA.			ILLINOIS FED. A	ID PROJECT	RACT NO. 78616		

ILLINOIS STANDARD			
COLORS: LEGEND AND BORDER- BLACK NON-REFL BACKGROUND- ORANGE REFLECT SIGN DIMENSIONS	TORIZED G H 13.0 3.5 BLANK STD. 34-48D REVISIONS REDRAWN 2-15-89		
THE COST OF FURNISHING, ERECTING, MAINTAINING, AND REMOVING THE REQUIRED SIGNS SHALL BE INCLUDED IN THE CONTRACT.	REVISED 4-6-93 REVISED 3-27-08 STD. 9-39 REVIEWED 5-17-13		
1616.CADDATAI CADDATAI CADDATA		UNEVEN	BORDER - BLACK NON-REFLECTORIZED KGROUND - ORANGE REFLECTORIZED ALLOWING TRAFFIC ON ANY PORTION OF THE THAT HAS BEEN COLDMILLED OR BEFORE NG OPERATIONS BEGIN, THE CONTRACTOR
Determinants, powy WIDDOTD bocuments UDD Offices District 9, Projects 1, 201		LAINES SHALL HAV CONFORM SIGN AT E REOUIRED. "UNEVEN F OPERATION IF AT ANY APPLICABL OF MOTORI ENGINEER. THE COST	YE ERECTED "UNEVEN PAVEMENT" SIGNS THAT TO THE ABOVE DETAILS. A MINIMUM OF ONE ACH END OF THE IMPROVEMENT WILL BE THE CONTRACTOR SHALL MAINTAIN THE PAVEMENT" SIGNS UNTIL THE RESURFACING IS ARE COMPLETED. TIME THE SIGNS ARE IN PLACE BUT NOT E, THEY SHALL BE TURNED FROM THE VIEW (STS OR COVERED AS DIRECTED BY THE OF FURNISHING, ERECTING, MAINTAINING, AND THE REQUIRED SIGNS SHALL BE INCLUDED INTRACT. REVISIONS REVISIONS DRAWN 2-15-89 REVISED 4-06-93 REDIGNED 7-23-04 RESIZED 5-08-08
USER NAME         jacksonac         DESIGNED         REVISED         -           DRAWN         -         REVISED         -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	UNEVEN LANE SIGN DETAIL AND ROUGH GROOVED SURFACE SIGNS           SCALE:         SHEET         OF         SHEETS         STA.         TO STA.	STD.         9-41         REVIEWED         5-17-13           F.A.P. RTE.         SECTION         COUNTY         TOTAL         SHEETS           726         113RS-6         WILLIAMSON         21         21           CONTRACT NO. 78616           ILLINOIS         FED. AID PROJECT