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STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

D-99-017-22

PROPOSED HIGHWAY PLANS

> FAP ROUTE 331 (IL 13 EB) SECTION (6-2,7-1) RS-2 NHPP-GRVL(990) **RESURFACING**

TRAFFIC DATA

FOR INDEX OF SHEETS, SEE SHEET NO. 3

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

	2021	2023	2033	2043
		1.020	1.127	1.245
P.V.s	3,800	3,870	4.280	4,730
S.U.s	175	180	195	220
M.U.s	225	230	255	280
ADT	4,200	4,280	4,730	5,230

PROJECT BEGINS IL 13 EB

STA 341+00

9S 3E

TOWNSHIPS

CRAB ORCHARD

DESIGN DESIGNATION: N/A

POSTED SPEED: 55-65 MPH

COORDINATE SYSTEM : N/A

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

PROJECT ENGINEER VALERIE ROLLA PROJECT DESIGNER CLAYTON HOUGHLAND **WILLIAMSON COUNTY** OMISSION **BANKSTON FORK BRIDGE** C-99-029-22 STA 477+37 TO STA 479+46 8S 4E **PROJECT ENDS IL 13 EB** STA 539+00 -

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

LOCATION OF SECTION INDICATED THUS: -

SUBMITTED Jan 26 20 22

Stephen M. Jawa REGION FIVE ENGINEER

GROSS LENGTH = 19800.00 FT. = 3.75 MILES NET LENGTH = 19591.00 FT. = 3.71 MILES

9S 4E

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

CONTRACT NO. 78923

Prepared By: Claules Steer

DISTRICT STUDIES & PLANS ENGINEER

Examined By:

Examined By:

Carrie Mulson DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By:

DISTRICT OPERATIONS ENGINEER

Examined By:

DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By:

Examined By:

DISTRICT MATERIALS ENGINEER

SCALE:

DESIGNED -REVISED DRAWN REVISED PLOT SCALE = 100.0000 ' / in. REVISED DATE REVISED

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

SIGNATURE SHEET SHEET OF __ SHEETS STA.__ COUNTY TOTAL SHEETS NO.
WILLIAMSON 12 2 CONTRACT NO. 78923

INDEX OF SHEETS

STANDARDS LIST

standardsymbolsabbreviations&patterns

SHEET NO	DESCRIPTION
1	COVER SHEET
2	SIGNATURE SHEET
3	INDEX OF SHEETS, STANDARDS LIST, MTD CROSSING TABLE
4	GENERAL NOTES, HMA MIXTURE REQUIREMENTS
5-6	SUMMARY OF QUANTITIES
7-8	TYPICAL SECTIONS
9	PAVEMENT SCHEDULE
10	SHOULDER SCHEDULE
11	PAVEMENT MARKING SCHEDULE
12	DETAILS

001006-00decimalofinch&foot642006-01ShoulderRumbleStrip8in-240701101-05OffRdOp-MultiLn-LessThan15ftToEOP701106-02OffRdOp-MultiLn-MoreThan15ftAway701400-11ApprchToLnClosure-FrwayExpway701401-13LnClosureFrwayExpway701426-09LnClosureMultiLn-IntermittantOrMovingOp45MPHOrMore701901-08TrafCntrlDevices780001-05TypicalPvmtMrkings781001-04TypicalAppRaisedReflcPvmtMrkrs

000001-08

MTD CROSSING RESTRICTIONS TABLE

FAP ROUTE 331 (IL 13) SN & CENTERLINE STATION		EXISTING FILL HEIGHT	THICKNESS OF EXISTING		
		TERLINE STATION OVER BOX CULVERT		PAVEMENT OVER BOX CULVERT	MTD CROSSING RESTRICTIONS
			FOOT	FOOT	
	<u>CULVERTS</u>				
STRUCTURE	STA.				
SN 100-7025	STA 353+75	(MP 21.30)	6.1 (6'X6' BOX CULVERT)	~14.5" HMA	EMPTIED*
SN 100-7091	STA 400+00	(MP 22.13)	11.5 (5'X6' BOX CULVERT)	~14.5" HMA	EMPTIED*
SN 100-7092	STA 403+33	(MP 22.3)	24.20 (60" R.C.C.P.)	~14.5" HMA	EMPTIED*
SN 100-0071	STA 478+41	(MP 22.63)	N/A (BANKSTON FORK BRIDGE)	PCC PAVMENT GAP	EMPTIED*
SN 100-7093	STA 1020+88	(MP 23.95)	17.7 (TYPE 5, 60" R.C.C.P.)	~14.5" HMA	EMPTIED*
SN 100-2011	STA 518+28	(MP 24.41)	15.20 (TRIPLE 6'X10' BOX CULVERT)	~14.5" HMA	EMPTIED*
SN 100-7094	STA 532+32	(MP 24.68)	12.3 (3'X5' BOX CULVERT)	~14.5" HMA	EMPTIED*

USER NAME = houghlandcc	DESIGNED	REVISED	
	DRAWN	REVISED	İ
PLOT SCALE = 100 0000 / in	CHECKED	REVISED	İ
PLOT DATE = 1/18/2022	DATE	REVISED	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| F.A.P. | SECTION | COUNTY | TOTAL | SHEET | SHEETS | STANDARDS, & MTD | CROSSING TABLE | SHEET | OF | SHEETS | STA. | TO STA. | SHEET | SHEET | OF | SHEETS | STA. | TO STA. | SHEET | SHEET | SHEET | OF | SHEETS | STA. | TO STA. | SHEET | SHEET | SHEET | OF | SHEETS | STA. | TO STA. | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET | SHEET |

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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.

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

THE CONTRACTOR SHALL STAMP STATIONING IN THE HOT MIX ASPHALT SURFACE AT 300 FT INTERVALS ON THE INSIDE EDGE OF THE OUTSIDE SHOULDER 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.

LONGITUDINAL JOINT SEALANT SHALL BE PLACED UNDER THE HMA SURFACE COURSE

COMMITMENTS: NONE

HMA MIXTURE REQUIREMENTS

The following HMA mixture requirements are applicable for this project

Location(s):	Hot-Mix Asphalt Surface Course
Mixture Use(s):	Hot-Mix Asphalt Surface Course, Mix D, N70
PG:	PG64-22
Design Air Voids:	4.0 %, 70 Gyration Design
Mixture Composition:	I L-9.5mm
Friction Aggregate:	D Surface
Mixture Weight:	112 lbs/Sq Yd/in
Quality Management Program:	QCP – Surface Course
Sublot Size:	TBD
Material Transfer Device (Required?)	EMPTIED

Location(s):	Hot-Mix Asphalt Shoulders
Mixture Use(s):	Hot-Mix Asphalt Surface Course, Mix C, N30
PG:	PG64-22
Design Air Voids:	4.0 %, 30 Gyration Design
Mixture Composition:	IL-9.5L
Friction Aggregate:	None
Mixture Weight:	112 lbs/Sq Yd/in
Quality Management Program:	QCP
Sublot Size:	NA
Material Transfer Device (Required?)	NA

USER NAME = houghlandcc	DESIGNED	REVISED
	DRAWN	REVISED
PLOT SCALE = 100.0000 / in	CHECKED	REVISED
PLOT DATE = 1/31/2022	DATE	REVISED

80% FED 20% STATE

			COUNTY	20% STATE
	SUMMARY OF QUANTITIES		COUNTY:	WILLIAMSON
	301411111111111111111111111111111111111		ROUTE:	FAP 331
			FUNDING:	NHPP - STATE
CODE	1		LOCATION:	RURAL
CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL	ROADWAY 0005
NUMBER			QUANTITY	0005
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	39,975	39,975
40600370	LONGITUDINAL JOINT SEALANT	FOOT	21,825	21,825
40600990	TEMPORARY RAMP	SQ YD	92	92
40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	4,612	4,612
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	88,822	88,822
48203100	HOT-MIX ASPHALT SHOULDERS	TON	2,884	2,884
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	29,306	29,306
67100100	MOBILIZATION	L SUM	1.0	1,0
07100100		2 3311		1.0
70100205	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	EACH	1.0	1.0
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	14.0	14.0
70300100	SHORT TERM PAVEMENT MARKING	FOOT	11,880.0	11,880.0
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	3,960.0	3,960.0
			.,	
70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	148.0	148.0
70300241	TEMPORARY PAVEMENT MARKING - LINE 6"- PAINT	FOOT	44,553.0	44,553.0

REV	M	S
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USER NAME = houghlandcc	DESIGNED	REVISED		SUMMARY OF QUANTITIES		F.A. <u>P.</u> RTF.	SECTION	COUNTY	TOTAL SHEET NO.		
	DRAWN	REVISED	STATE OF ILLINOIS			331	(6-2,7-1) RS-2	WILLIAMSON	12 5		
PLOT SCALE = 100.0000 / in	CHECKED -	REVISED	DEPARTMENT OF TRANSPORTATION							CONTRACT	NO. 78923
PLOT DATE = 1/18/2022	DATE	REVISED		SCALE:	SHEET 1 OF 2	SHEETS STA	TO STA		ILLINOIS FED. A	ID PROJECT	

80% FED 20% STATE

4,612.0

COUNTY: WILLIAMSON SUMMARY OF QUANTITIES - CONT ROUTE: FAP 331 FUNDING: NHPP - STATE LOCATION: RURAL CODE TOTAL ROADWAY UNIT ITEM DESCRIPTION QUANTITY NUMBER 0005 70300261 TEMPORARY PAVEMENT MARKING - LINE 12"- PAINT FOOT 986.0 986.0 78000100 THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS SQ FT 148.0 148.0 THERMOPLASTIC PAVEMENT MARKING - LINE 6" FOOT 44,553.0 44,553.0 78000400 78000600 THERMOPLASTIC PAVEMENT MARKING - LINE 12" FOOT 986.0 986.0 78100100 RAISED REFLECTIVE PAVEMENT MARKER EACH 248.0 248.0 78300200 RAISED REFLECTIVE PAVEMENT MARKER REMOVAL EACH 248.0 248.0 78300201 PAVEMENT MARKING REMOVAL - GRINDING SQ FT 23,411.0 23,411.0

TON

4,612.0

* SPECIALTY ITEM

Z0034105

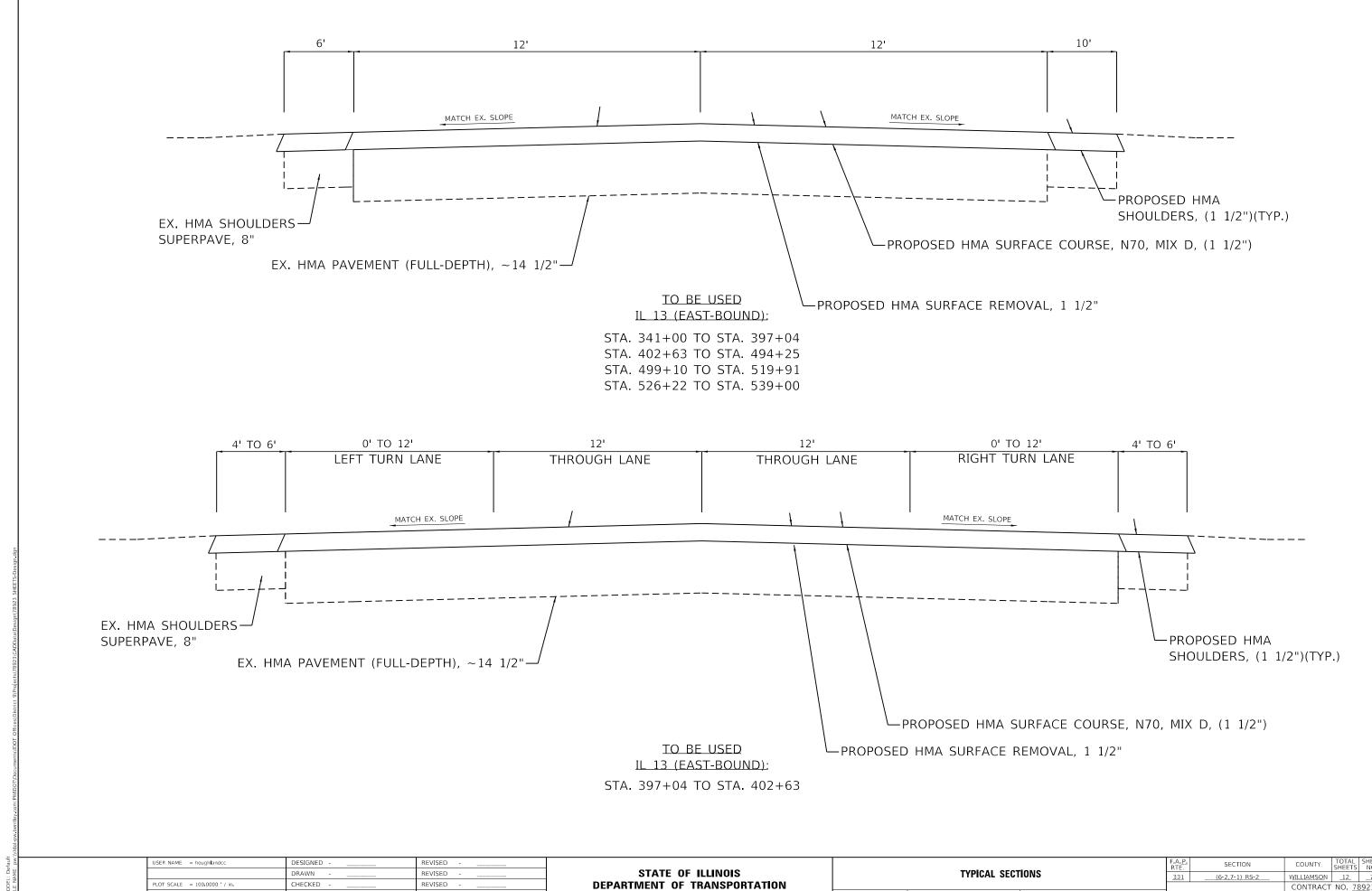
MATERIAL TRANSFER DEVICE

USER NAME = houghlandcc	DESIGNED	REVISED
	DRAWN	REVISED
PLOT SCALE = 100.0000 / in	CHECKED	REVISED
PLOT DATE = 1/18/2022	DATE	REVISED

STATE OF ILLINOIS	
DEPARTMENT OF TRANSPORTATION	

OURANA DV. OF QUANTITIES	F.A. <u>P.</u> RTE.	SECTION	COUNTY	TOTAL S SHEETS	SHEET NO.
SUMMARY OF QUANTITIES	331	(6-2,7-1) RS-2	WILLIAMSON	_12_	6
			CONTRACT	NO. <u>789</u>	923
SHEET 2 OF 2 SHEETS STA TO STA		ILLINOIS FED. A	ID PROJECT		

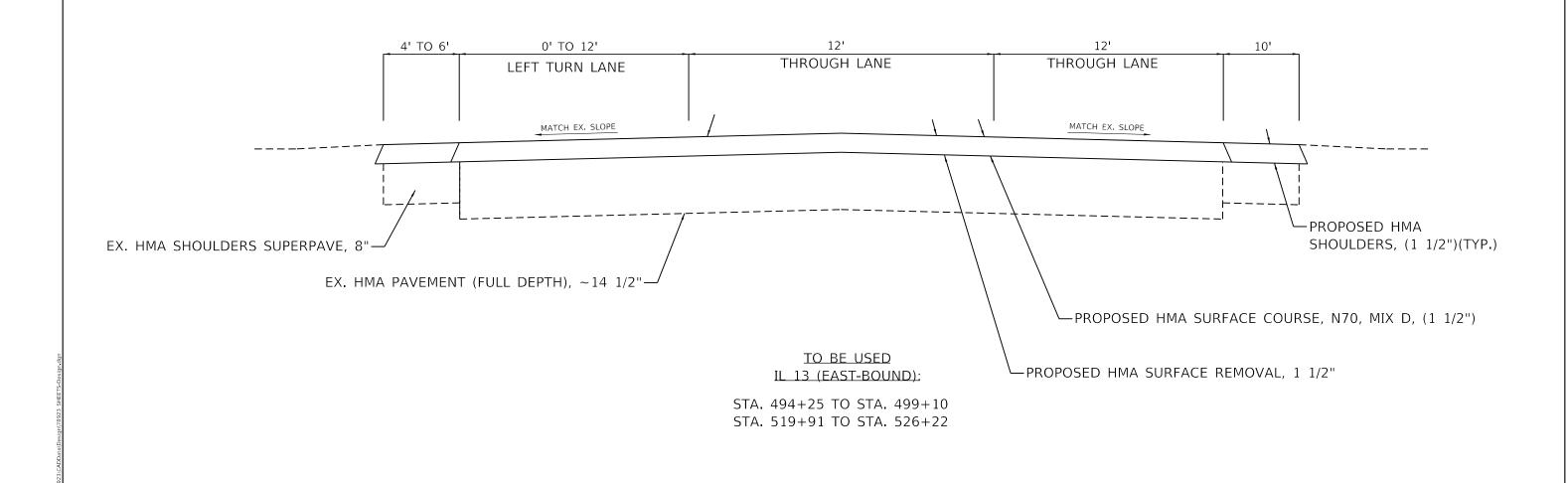
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CONTRACT NO. 78923

SHEET 1 OF 2 SHEETS STA.

TO STA.



JSER NAME = houghlandcc DESIGNED -REVISED REVISED DRAWN PLOT SCALE = 100.0000 / in CHECKED -REVISED

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

SECTION TYPICAL SECTIONS SHEET 2 OF 2 SHEETS STA.

WILLIAMSON 12 8 CONTRACT NO. 78923

IL 13 PAVEMENT RESURFACING SCHEDULE

LOCATION STATION TO		LENGTH	ROADWAY WIDTH	TEMP RAMP	HMA SUR. REMOVAL,	HMA SURF. COURSE,	BIT. MAT. (TACK	MATER I AL	LONG JOINT		
		ION	FOR INFORMATIONAL PURPOSE ONLY			(1 1/2")	N70, MIX D (1 1/2")	COAT)	TRANSFER DEVICE	SEALANT	NOTE
IL 13 EB		(FT) (FT		(SQ YD)	(SQ YD)	(TON)	(LBS)	(TON)	(FT)		
341+00	ТО	397+04	5,604	24	14	14,944	1,262	6,725	1,262	5,604	
397+04	TO	398+65	161	36		644	55	290	55	483	(AVG WIDTH 24'-48')
398+65	ТО	401+60	295	48		1,574	133	708	133	885	
401+60	ТО	402+63	103	36		412	35	186	35	309	(AVG WIDTH 24'-48')
402+63	ТО	477+37	7,474	24	14	19,931	1,683	8,969	1,683	7,474	
477+37	ТО	479+46	BRIDGE GAP	CONCRETE	PAVEMENT						
479+46	ТО	494+25	1,479	24	14	3,944	334	1,775	334	1,479	
494+25	ТО	495+65	140	30		467	40	210	40	280	(AVG WIDTH 24'-36')
494+65	ТО	498+34	269	36		1,076	91	485	91	538	
498+34	ТО	499+10	76	30		254	22	114	22	152	(AVG WIDTH 24'-36')
499+10	ТО	519+91	2,081	24		5,550	469	2,498	469	2,081	
519+91	TO	522+00	209	30		697	59	314	59	418	(AVG WIDTH 24'-36')
522+00	TO	525+81	381	36		1,524	129	686	129	762	
525+81	TO	526+22	41	30		137	12	62	12	82	(AVG WIDTH 24'-36')
526+22	TO	539+00	1,278	24	14	3,408	288	1,534	288	1,278	
IL 13	ΕB	TOTAL	19,591		56	54,562	4,612	24,556	4,612	21,825	

USER NAME = houghlandcc	DESIGNED	REVISED	
	DRAWN	REVISED	
PLOT SCALE = 100.0000 / in	CHECKED	REVISED	
PLOT DATE = 1/12/2022	DATE	REVISED	
 		-	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

D 41/5145					F.A. <u>P.</u> RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
PAVEMENT RESURFACING SCHEDULE						(6-2,7-1) RS-2		WILLIAMSON	_12_	9_
								CONTRACT	NO. <u>78</u>	3923
SHEET	OF	SHEETS	STA	TO STA.	ILLINOIS FED. AID PROJECT					
				,						

IL 13 SHOULDER RESURFACING SCHEDULE

LOCATION		LENGTH	S	HMA HLDR VIDTH	ТЕМР	HMA SUR.		BIT. MAT.	SHOULDER		
STA	STATION TO STATION			LT	LT RT		REMOVAL, (1 1/2")	HMA SHLDR (1 1/2")	(TACK COAT)	RUMBLE STRIPS, 8"	NOTES
IL 13 EB			INFORMA URPOSE	_							
		ЕB	(FT)	(FT)	(FT)	(SQYD)	(SQYD)	(TON)	(LBS)	(FT)	
341+00	TO	397+04	5,604	6	10	9	9,963	837	4,484	8,967	
397+04	TO	398+65	161	5	7		215	19	97	258	AVG WIDTH LT(4'-6') RT(4'-10')
398+65	TO	401+60	295	4	4		263	23	118	472	
401+60	TO	402+63	103	5	7		138	12	62	165	AVG WIDTH LT(4'-6') RT(4'-10')
402+63	TO	477+37	7,474	6	10	9	13,288	1,117	5,980	11,959	
477+37	TO	479+46	BRIDGE G	SAP CONCR	ETE PAVEMENT						
479+46	TO	494+25	1,479	6	10	9	2,630	221	1,184	2,367	
494+25	TO	495+65	140	5	10		234	20	105	224	AVG WIDTH LT(4'-6')
494+65	TO	498+34	269	4	10		419	36	189	431	
498+34	TO	499+10	76	5	10		127	11	57	122	AVG WIDTH LT(4'-6')
499+10	TO	519+91	2,081	6	10		3,700	311	1,665	3,330	
519+91	ТО	522+00	209	5	10		349	30	157	335	AVG WIDTH LT(4'-6')
522+00	ТО	525+81	381	4	10		593	50	267	610	
525+81	TO	526+22		5	10		69	6	31	66	AVG WIDTH LT(4'-6')
526+22	TO	539+00	· ·	6	10	9	2,272	191	1,023		
IL 13	B EB	TOTAL	19,591			36	34,260	2,884	15,419	29,306	

USER NAME = houghlandcc	DESIGNED -	REVISED	
	DRAWN	REVISED	
PLOT SCALE = 100.0000 / in	CHECKED	REVISED	
PLOT DATE = 1/10/2022	DATE	REVISED	

					F.A. <u>P.</u> RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.	
	SHOULDER RESURFACING SCHEDULE						(6-2,7-1) RS-2 WILLIAMSON		_12_	_10_	
								CONTRACT	NO. <u>78</u>	3923	
SH	HEET	OF	SHEETS	STA	TO STA.	ILLINOIS FED. AID PROJECT					

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IL 13 PAVEMENT MARKING SCHEDULE

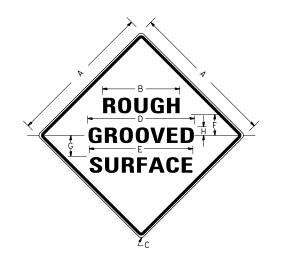
				THE	RMOPLAS	TIC PAV	EMENT MAR	KING	RAISED	
ST	LOCATION STATION TO STATION			LINE 6"			LETTERS & SYMBOLS	REFLECTIVE PAVEMENT	NOTES	
				SOL ID WHITE	SKIP- DASH WHITE	SOL I D YELLOW	SOLID WHITE	SOL ID WHITE	ONE-WAY CRYSTAL MARKER	
IL 13 EB				FOOT	FOOT	FOOT	FOOT	SQ FT	EACH	
331+00) T	0	397+04	5,604	1,401	5,604			70	
397+04	4 T	0	402+63	559	140	559	510	74	7	RT & LT TURN LANES, RT & LT TURN ONLY
402+63	3 T	0	494+25	9,162	2,291	9,162			115	
494+25	5 T	0	499+10	485	122	485	238	37	6	LT TURN LANE, LT TURN ONLY
499+10) T	0	519+91	2,081	521	2,081			26	
519+91	l Te	0	526+22	631	158	631	238	37	8	LT TURN LANE, LT TURN ONLY
526+22	2 T	0	539+00	1,278	320	1,278			16	
	II 13 ER TOTAL		19,800	4,953	19,800	986	148	248		
	IL 13 EB TOTAL				44,553		986	148	248	

USER NAME = houghlandcc	DESIGNED -	REVISED
	DRAWN	REVISED
PLOT SCALE = 100.0000 / in	CHECKED -	REVISED
PLOT DATE = 1/10/2022	DATE	REVISED

STATE OF ILLINOIS	
DEPARTMENT OF TRANSPORTATION	

DAVEMENT MADVING COUEDINE						F.A.P. SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
	PAVEMENT MARKING SCHEDULE						(6-2,7-1) RS-2	WILLIAMSON	_12_	11
							CONTRACT	NO. 78	3923	
	SHEET	OF	SHEETS	STA	TO STA	ILLINOIS FED. AID PROJECT				

ILLINOIS STANDARD



COLORS:

LEGEND AND BORDER- BLACK NON-REFLECTORIZED BACKGROUND- ORANGE REFLECTORIZED

SIGN SIZE	DIMENSIONS									
	Α	В	С	D	Ε	F	G	Н		
48X48	48.0	24.1	3.0	34.0	33.0	6.0	13.0	3.5		

SIGN		SERIE:	5			BLANK STD.
SIZE	1	2	3			
48X48	7C	7C	7C	0.8	1.2	B4-48D

EDGE OF SHLD-

ALL DIMENSIONS IN INCHES

NOTES:

ΑA

STA 341+00

STA 477+37

STA 479+46

STA 539+00

JSER NAME = houghlandco

PLOT DATE = 1/10/2022

SAW CUT (INCLUDED IN THE COST OF HMA SURFACE REMOVAL 1 1/2")

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.

INLAY DETAIL

SECTION A-A

REVISED

REVISED

REVISED

REVISED

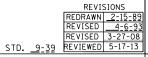
DESIGNED

HECKED

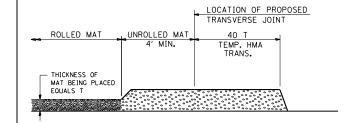
DRAWN

DATE

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

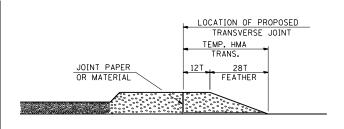


TEMPORARY HOT-MIX ASPHALT TRANSITIONS



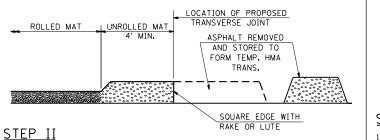
STEP

- 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.

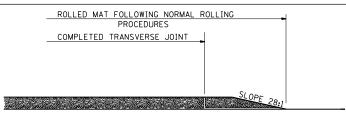


STEP III

- 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.



- 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.
- NOTE THAT THE MAT WITHIN 4' OF THE END OF JOINT IS NOT TO BE ROLLED AT THIS TIME.



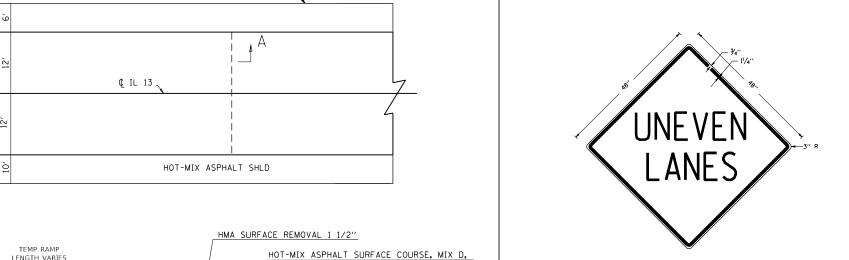
STEP IV

- 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). REDRAWN 2-15-89
 REVISED 8-16-94
 REVISED 01-09-07
- 3. CONSTRUCTING THE TEMPORARY TRANSITIONS WILL NOT BE PAID FOR SEPARATELY IN ACCORDANCE WITH ARTICLE 406.14 OF THE STANDARD SPECIFICATIONS.

REVISIONS

UNEVEN LANES SIGN

 $W8-11 (48'' \times 48'')$



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	2-15-8			
REVISED_	4-06-9			
REDSIGNED	7-23-0			
RESIZED	5-08-0			

COUNTY

SECTION (6-2,7-1) RS-2 9-41 REVIEWED 5-17-13 WILLIAMSON _12_

CONTRACT NO. 78923

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

SCALE:

DETAILS SHEET OF SHEETS STA.

TO STA.