

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
517	D2 CJS 2025-02	WINNEBAGO	4	1
		ILLINOIS	CONTRACT NO. 64T78	

PROPOSED
HIGHWAY PLANS

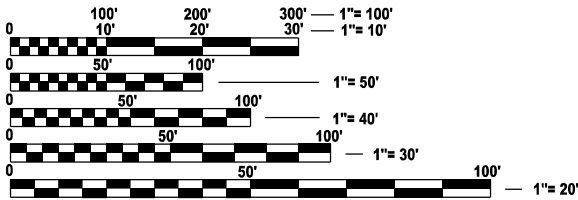
ROUTE FAP 517 US 20 BUS
SECTION D2 CJS 2025-02

LONGITUDINAL JOINT REPAIR
WINNEBAGO COUNTY

C-92-179-24

PROJECT BEGINS
EAST SIDE OF
ROCKFORD COLLEGE ENTRANCE

PROJECT ENDS
420' WEST OF MILL RD.

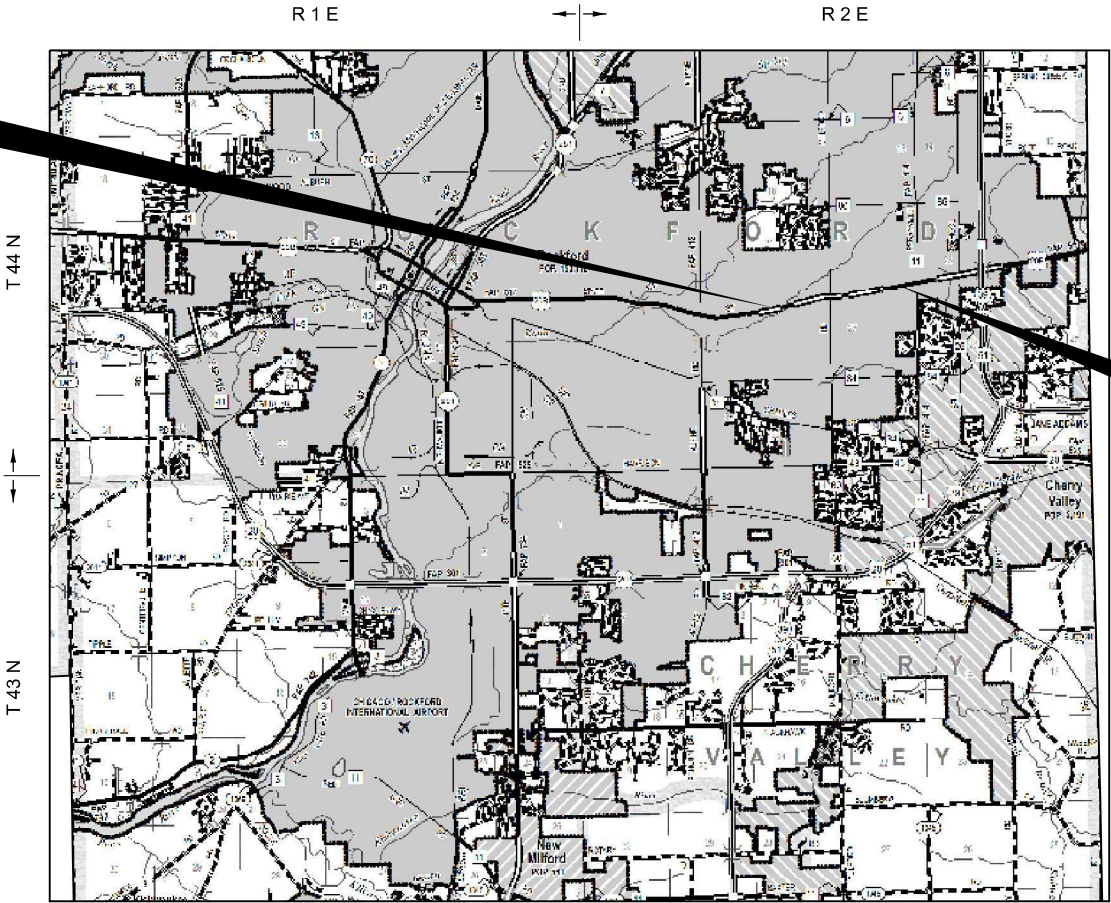


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD
ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT
CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS
ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: SCOTT KULLERSTRAND
DESIGNER: NICK VOCK (815-284-5407)

CONTRACT NO. 64T78



GROSS LENGTH = 34,742 FT. = 6.58 MILES
NET LENGTH = 9,082 FT. = 1.72 MILES



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED January 22 20 25
Mike Thompson
REGIONAL ENGINEER

March 21 20 25
Scott Kullerstrand
ENGINEER OF DESIGN AND ENVIRONMENT

March 21 20 25
Scott Kullerstrand
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

INDEX OF SHEETS

1	COVER SHEET
2	INDEX OF SHEETS, STANDARDS, GENERAL NOTES
3	SUMMARY OF QUANTITIES
4	SCHEDULE OF QUANTITIES

HIGHWAY STANDARDS

THE CONTRACTOR SHALL NOTIFY TRAFFIC OPERATIONS A MINIMUM OF 5 DAYS PRIOR TO PLACING PERMANENT PAVEMENT MARKINGS.

THE AREA TO BE TACKED OR PRIMED SHALL BE LIMITED TO THAT WHICH CAN BE COVERED WITH HMA ON THE NEXT DAYS PRODUCTION, BUT NO MORE THAN FIVE DAYS IN ADVANCE OF THE PLACEMENT OF THE HMA, UNLESS APPROVED BY THE ENGINEER.

CONTRACTOR TO NOTE THE INCREASED INCREASED RATE OF APPLICATION FOR TACK COAT AND TO ENSURE FULL COVERAGE INCLUDING SIDES OF MILLED EDGES.

Location and Mixture Uses(s):	Resurfacing Surface
PG:	PG 58-28
Design Air Voids	4.0 @ N70
Mixture Composition	IL 9.5
Friction Aggregate	D
Mix Weight	112 lb/sy/in
Quality Management Program	QC/QA
Sublot Size	N/A
Material Transfer Device	N/A

Polymerized Bituminous Materials (Tack Coat)	
Application Rates *	
Surface Type	Residual Rate
Milled (HMA or PCC)	0.1 lb / sq ft
Existing Pavement	0.1 lb / sq ft
Fog Coat (between lifts)	0.1 lb / sq ft

*polymer tack shall be SS-1hP, or NTEA listed material

FILE NAME: PWD	USER NAME = Nicholas.Vock	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS & HIGHWAY STANDARDS	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
		DRAWN -	REVISED -			517	D2 CJS 2025-02	WINNEBAGO	4	2			
	PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -			CONTRACT NO. 64T78							
	PLOT DATE = 1/30/2025	DATE -	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS	FED. AID PROJECT

MODEL D2_SHT SQQ
FILE NAME: j:\work\p25\winnebago\DOT Office\District 2\CRQ Projects\Operations\Maintenance Section\Dave M...y\Winnebago\Operations\Contract Maintenance\FY 2025\64T78-1\IS 20_sht.ssq\CAD\sheet\64T78-03-500.dgn

SUMMARY OF QUANTITIES				CONSTR. CODE
				100% STATE
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY
				0005
40600295	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	POUND	5512	5512
40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	772	772
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	6125	6125
67100100	MOBILIZATION	L SUM	1	1
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	1
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1	1
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	2	2
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	43	43
70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	5512	5512
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	1837	1837
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	9137	9137
* 78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	39	39
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	457	457

*= SPECIALTY ITEM

SUMMARY OF QUANTITIES				CONSTR. CODE
				100% STATE
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY
				0005
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	457	457

	USER NAME = Nicholas,Vock	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					517	D2 CJS 2025-02	WINNEBAGO	4	3
	PLOT SCALE = \$SCALES	CHECKED -	REVISED -					CONTRACT NO. 64T78				
	PLOT DATE = 1/31/2025	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

MODEL: D2_SHT SCHEDULE
FILE NAME: pwr://dtdc-pwr.bentley.com:PWIDOT/Documents/IDOT Offices/District 2/ORD Projects/Operations/Maintenance Section/Dave Almy/Winnipeg/Operations/Contract Maintenance/Contract Maintenance/FY 2025/64T78 - US 20 Joint repair/CAD sheets/64T78 - 04 - Schedule.dgn

78009006 MODIFIED URETHANE PAVEMENT MARKING - LINE 6"

<u>FOOT</u>	<u>LOCATION</u>	<u>OFFSET</u>	<u>REMARKS</u>
4569	526+63 - 618+00		EB white edge line
4569	526+63 - 618+00		WB white edge line
4,569	SUB TOTAL		
x2	2 lanes		
9,137	TOTAL		

78009024 MODIFIED URETHANE PAVEMENT MARKING - LINE 24"

<u>FOOT</u>	<u>LOCATION</u>	<u>OFFSET</u>	<u>REMARKS</u>
6	TRAINER Rd	EB/WB	Stop Bar
6	BIENTERRA TRAIL	EB/WB	Stop Bar
6	MULFORD Rd.	EB/WB	Stop Bar
6	PHELPS Rd.	EB/WB	Stop Bar
6	ROXBURY Rd	EB/WB	Stop Bar
6	NEWTOWNE Dr.	EB/WB	Stop Bar
3	ROCKFORD COLLEGE Dr.	WB	Stop Bar
39	TOTAL		

78100100 RAISED REFLECTIVE PAVEMENT MARKER

<u>EACH</u>	<u>LOCATION</u>	<u>OFFSET</u>	<u>REMARKS</u>
228	526+63 - 618+00	EB	white (center lanes)
228	526+63 - 618+00	WB	white (center lanes)
457	TOTAL		

78300200 RAISED REFLECTIVE PAVEMENT MARKER REMOVAL

<u>EACH</u>	<u>LOCATION</u>			<u>OFFSET</u>	<u>REMARKS</u>
228	526+63	-	618+00	EB	white (center lanes)
228	526+63	-	618+00	WB	white (center lanes)
457	TOTAL				

										40600295	40604050	44000165	70300100	70300150
										Poly	Hot-Mix Asphalt	Hot-Mix Asphalt	Short	Work Zone
									Proposed	Bituminous	Surface Course	Surface	Term	Pavement
									Surface	Materials	IL-9.5, Mix "D", N70	Removal	Pavt	Marking
										Tack Coat	2 - 1/4"	2 - 1/4"	Marking	Removal
									Width	Sq Yd	POUND	TON	Sq Yd	Foot
														Sq Ft
US 20														

	USER NAME = Nlchrdas,Vock	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES						F.A.P RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -								517	D2 CJS 2025-02		WINNEBAGO	4	4
	PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -													
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	SCALE:		SHEET		OF	SHEETS	STA.	TO STA.		CONTRACT NO. 64T78						
ILLINOIS FED. AID PROJECT																