

04-28-2023 LETTING ITEM 014

FOR INDEX OF SHEETS & STATE STANDARDS
SEE SHEET NO. 2

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

F.A.S. ROUTE 742 (IL 2)
SECTION D2 PP 2023-03
WINNEBAGO & OGLE COUNTIES
C-92-121-22

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	**	***	6	1

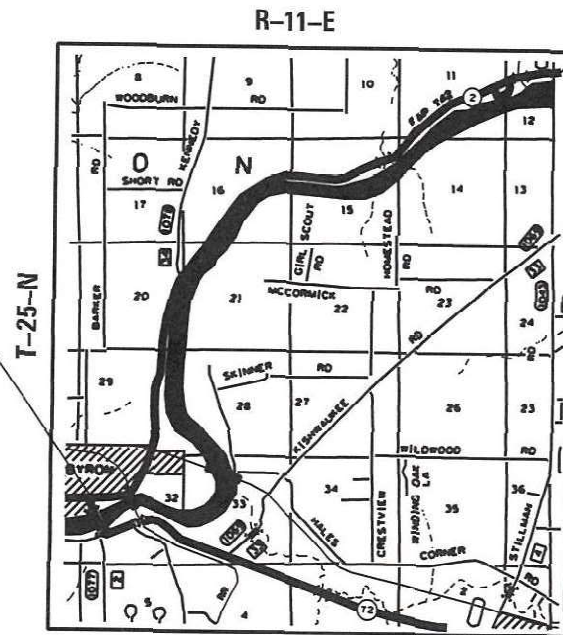
**D2 PP 2023-03
***WINNEBAGO & OGLE
CONTRACT NO. 64S01
D-92-036-22



PROJECT ENGINEER: SCOTT KULLERSTRAND

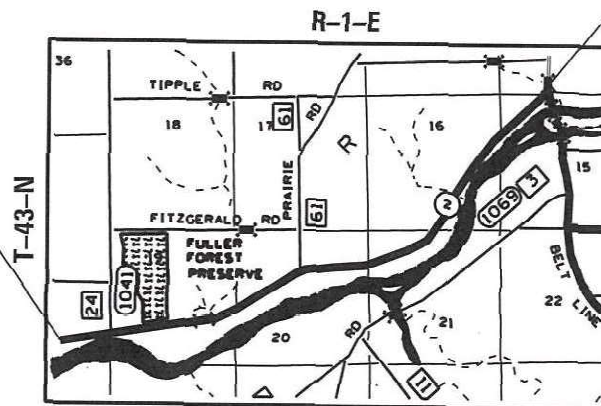
SQUAD LEADER: LANCE NICKLAUS 815-284-5407

PROJECT BEGINS
STA. 1150 + 50



PROJECT ENDS
STA. 1467 + 75

PROJECT BEGINS
STA. 0 + 00



PROJECT ENDS
STA. 209 + 08

WINNEBAGO COUNTY

GROSS LENGTH OF PROJECT = 20,908 FOOT = 3.96 MILES
NET LENGTH OF PROJECT = 20,908 FOOT = 3.96 MILES

TOWNSHIP (SECTION):
MARION (14,15,16,20,21,29,32)
BYRON (11,12)
ROCKFORD (15,16,19,20,21)

GROSS LENGTH OF PROJECT = 31,725 FOOT = 6.00 MILES
NET LENGTH OF PROJECT = 31,725 FOOT = 6.00 MILES

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

CONTRACT NO. 64S01

F.A.S. ROUTE 742 (IL 2) SECTION D2 PP 2023-03 WINNEBAGO & OGLE COUNTIES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED January 23 20 23
Masood Ahmad REGION ENGINEER

March 24, 2023 [Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

March 24, 2023 [Signature]
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

INDEX

- 1 Cover Sheet
- 2 Index of Sheets / State Standards
- 3 General Notes
- 4 Summary of Quantities
- 5-6 Patching Schedule

STATE STANDARDS

- 442201-03 CLASS C AND D PATCHES
- 701001-02 OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5M) AWAY
- 701006-05 OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5M) AWAY
- 701201-05 LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS \geq 45 MPH
- 701901-08 TRAFFIC CONTROL DEVICES
- 720011-01 METAL POST FOR SIGNS, MARKERS AND DELINEATORS
- 728001-01 TELESCOPING STEEL SIGN SUPPORT
- 729001-01 APPLICATIONS OF TYPES A AND B METAL POST (FOR SIGNS & MARKERS)

DISTRICT STANDARDS

- 34.1 Work Zone Sign Details
- 40.1 Traffic Control for Road Closure

GENERAL NOTES

The quality for pavement making is for patch locations only and is for two applications of paint. The pavement marking shall be white and applied to the edge of pavement only.

Patching layout shall be done according to the patching schedule. All patches shall be measured from the edge of pavement and extend six (6) foot into the driving lane. If there are any questions on the lay out, they shall be directed to the Operations Field Engineer David Almy.

The core report calls the HMA thickness average at 9.6 inches and the concrete thickness at 8.8 inches for a total of 18.4 inches. After all the pavement is cored out the patch shall consist of Geotechnical Reinforcement, 10 inches of Aggregate Sub-Base and 8 inches of HMA patching material.

*Winnebago & Ogle Counties

FILE NAME = 64S01.GN.DOCX	USER NAME =	DESIGNED - Engineering Systems	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
	PLOT SCALE =	CHECKED -	REVISED -			FAS 142 (ILZ)	D2 PP 2023-03	"	6	3
	PLOT DATE = 1/13/2023 8:17 AM	DATE - 7/12/2022 9:38 AM	REVISED -			SCALE: SHEET NO. OF SHEETS STA. TO STA.		ILLINOIS		CONTRACT NO. 64S01 FED. AID PROJECT

SUMMARY OF QUANTITIES

FAS 742 (IL 2)
SECTION D2 PP 2023-3
WINNEBAGO & OGLE COUNTIES
CONTRACT # 64S01
SHEET 4 OF 6

100% State
0005

CODE NO.	ITEM	UNIT	OGLE	WINN	TOTAL QUANTITY
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	2514	1921	4435
44201747	CLASS D PATCHES, TYPE IV, 8"	SQ YD	8227	6284	14511
48101200	AGGREGATE SHOULDERS, TYPE B	TON	1804	1073	2877
67100100	MOBILIZATION	L SUM	0.5	0.5	1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	0.5	0.5	1
* 78001110	PAINT PAVEMENT MARKING LINE - 4"	FOOT	31682	18850	50532
X7010216	TRAFFIC CONTROL AND PROTECTION, SPECIAL	L SUM	0.5	0.5	1
Z0028415	GEOTECHNICAL REINFORCEMENT	SQ YD	8227	6284	14511

* Specialty Items

PATCHING SCHEDULE WINNEBAGO COUNTY

FAS 742 (IL 2)

SECTION D2 PP 2023-03

WINNEBAGO & OGLE COUNTIES

CONTRACT #64S01

PAGE 5 OF 6

Begin Sta.	End Sta.	Lane	Patch width (ft)	Patch Thickness (inch)	Sub-Base Thickness (inch)	length (ft)	sq ft	sq yd
65+00	101+00	NB	6	8	10	3600.00	21600	2400
72+50	78+00	SB	6	8	10	550.00	3300	366.667
108+33	141+75	SB	6	8	10	3342.00	20052	2228
157+25	162+50	SB	6	8	10	525.00	3150	350
169+10	183+18	SB	6	8	10	1408.00	8448	938.667
						TOTAL	9425.00	6283

PATCHING SCHEDULE OGLE COUNTY

FAS 742 (IL 2)

SECTION D2 PP 2023-03

WINNEBAGO & OGLE COUNTIES

CONTRACT #64S01

PAGE 6 OF 6

Begin Sta.	End Sta.	Lane	Patch width (ft)	Patch Thickness (inch)	Sub-Base Thickness (inch)	length (ft)	sq ft	sq yd
1150+50	1158+75	SB	6	8	10	825.00	4950	550
1175+17	1179+29	NB	6	8	10	412.00	2472	274.667
1177+50	1180+75	SB	6	8	10	325.00	1950	216.667
1279+45	1284+30	SB	6	8	10	485.00	2910	323.333
1316+50	1324+00	SB	6	8	10	750.00	4500	500
1328+00	1334+90	NB	6	8	10	690.00	4140	460
1349+16	1377+65	SB	6	8	10	2849.00	17094	1899.33
1400+00	1405+00	NB	6	8	10	500.00	3000	333.333
1405+00	1414+70	NB	6	8	10	970.00	5820	646.667
1404+60	1417+20	SB	6	8	10	1260.00	7560	840
1435+00	1467+75	SB	6	8	10	3275.00	19650	2183.33
						TOTAL	12341.00	8227.33