

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	(120)	DOUGLAS	6	1
		ILLINOIS	CONTRACT NO. 70F80	

FOR INDEX OF SHEETS SEE SHEET NO. 2
FOR SUMMARY OF QUANTITIES SEE SHEET NO. 3

PROPOSED
HIGHWAY PLANS

F.A.P. ROUTE 749 (IL 133)
SECTION (120)
SHOULDER REPAIR
DOUGLAS COUNTY

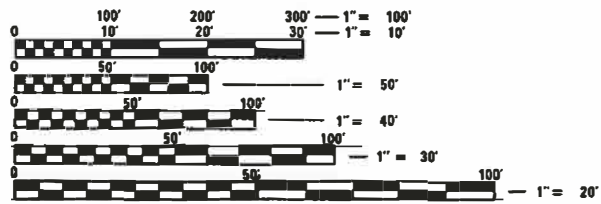
TRAFFIC DATA

FAP RTE. 749 (IL 133)

	LEG "A"	LEG "B"
2022 ADT	= 6,350	4,850
PV %	= 87.4%	85.1%
SU %	= 6.7%	7.2%
MU %	= 5.9%	7.7%

TRAFFIC DATA LOCATIONS
LEG "A" = VINE ST TO CEDAR LN
LEG "B" = CEDAR LN TO TR 8A (100E)

FUNCTIONAL CLASSIFICATION
MINOR ARTERIAL

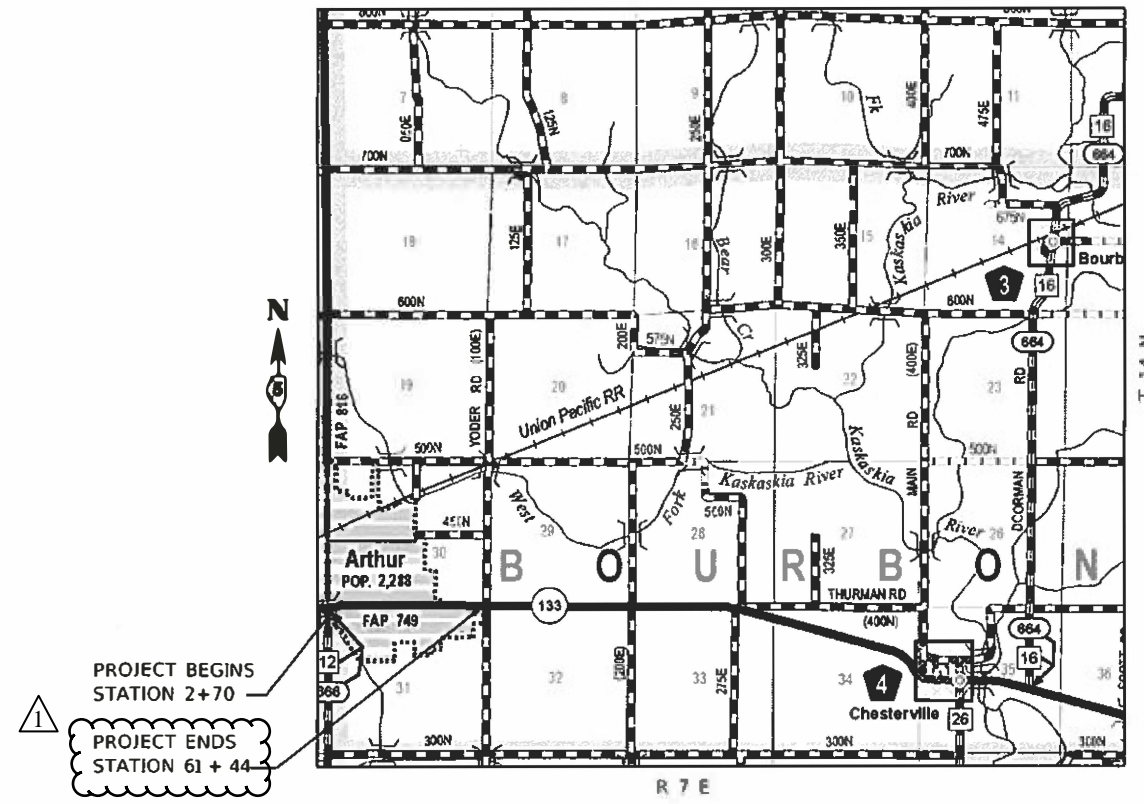


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

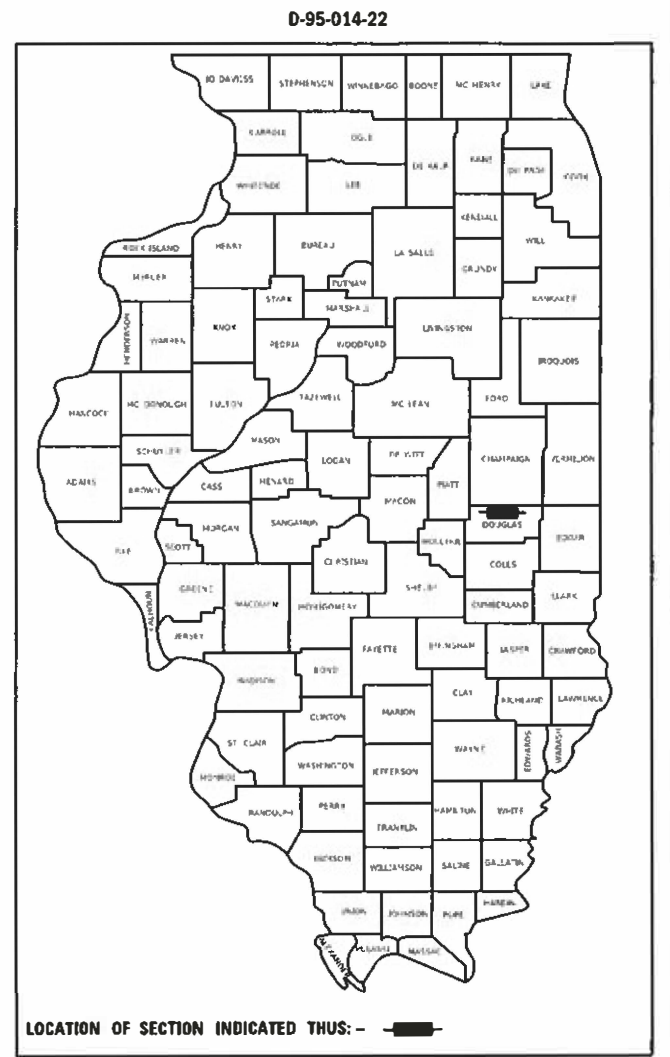
PROJECT ENGINEER: RYAN CARROLL
SQUAD LEADER: SAMUEL MEGLI
PHONE NUMBER: 217-465-4181
CONTRACT NO. 70F80

C-95-031-22
VINE ST TO CR 100E



PROJECT BEGINS STATION 2+70
PROJECT ENDS STATION 61+44

GROSS LENGTH = 5874.00 FT. = 1.113 MILE
NET LENGTH = 5874.00 FT. = 1.113 MILE



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED 1/25 20 22
Kensila O. Barnett, Sr. REGIONAL ENGINEER

March 25 20 22
[Signature] ENGINEER OF DESIGN AND SUPERVISION

March 23 20 22
Stephen M. Laska, II DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

SCHEDULES OF QUANTITIES

SHOULDER RESURFACING SCHEDULE														
STA	TO	STA	LOCATION	LENGTH FT	BEGIN WIDTH FT	END WIDTH FT	AVERAGE WIDTH FT	PAVING AREA SQ FT	TACK COAT ON MILLED SURFACE (0.05 LB/SQ FT) POUND	SURFACE THICK. IN	MILLING THICK. IN	40600290	X4E23105	44000158
												RITIMINOUS MATERIALS (TACK COAT) POUND	HMA SHOULDERS, SPECIAL TON	HMA SURFACE REMOVAL 2 1/4" SQ YD
2+70.00	TO	61+44.00	EB SHOULDER	5874.00	7.00	7.00	7.00	41,118	2,056	2.25	2.25	2,056	576	4,569
2+70.00	TO	61+44.00	WB SHOULDER	5874.00	7.00	7.00	7.00	41,118	2,056	2.25	2.25	2,056	576	4,569
TOTALS =												4,112	1,152	9,138

MODEL: \\MODEL\NAME
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USER NAME = meglisk	DESIGNED -	REVISED - 03/31/22 SKM
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 03/24/22	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES

SCALE: SHEET NO. 1 OF 1 SHEETS STA. TO STA.

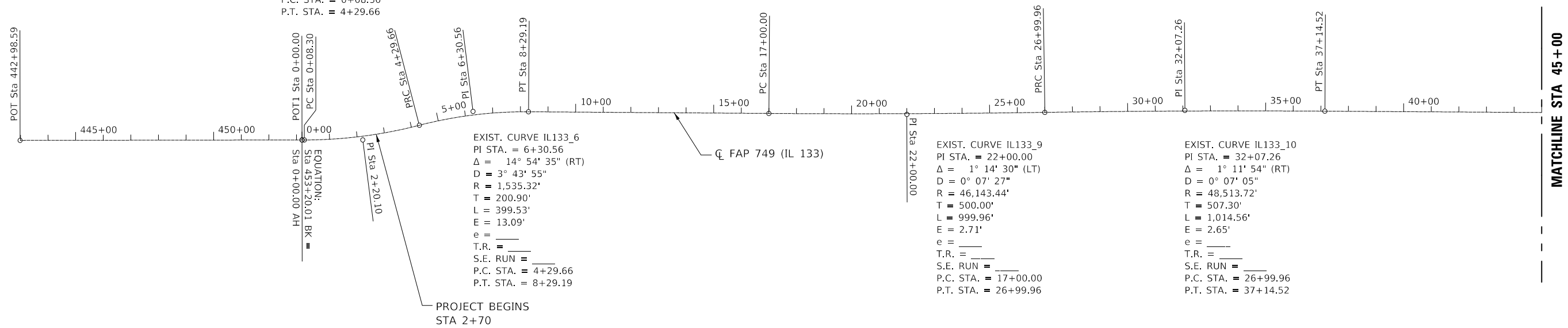
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	(120)I	DOUGLAS	6	5
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ILLINOIS FED. AID PROJECT				

EXIST. CURVE IL133_5
 PI STA. = 2+20.10
 $\Delta = 14^\circ 25' 42''$ (LT)
 $D = 3^\circ 25' 27''$
 $R = 1,673.25'$
 $T = 211.80'$
 $L = 421.36'$
 $E = 13.35'$
 $e =$
 T.R. =
 S.E. RUN =
 P.C. STA. = 0+08.30
 P.T. STA. = 4+29.66

EXIST. CURVE IL133_6
 PI STA. = 6+30.56
 $\Delta = 14^\circ 54' 35''$ (RT)
 $D = 3^\circ 43' 55''$
 $R = 1,535.32'$
 $T = 200.90'$
 $L = 399.53'$
 $E = 13.09'$
 $e =$
 T.R. =
 S.E. RUN =
 P.C. STA. = 4+29.66
 P.T. STA. = 8+29.19

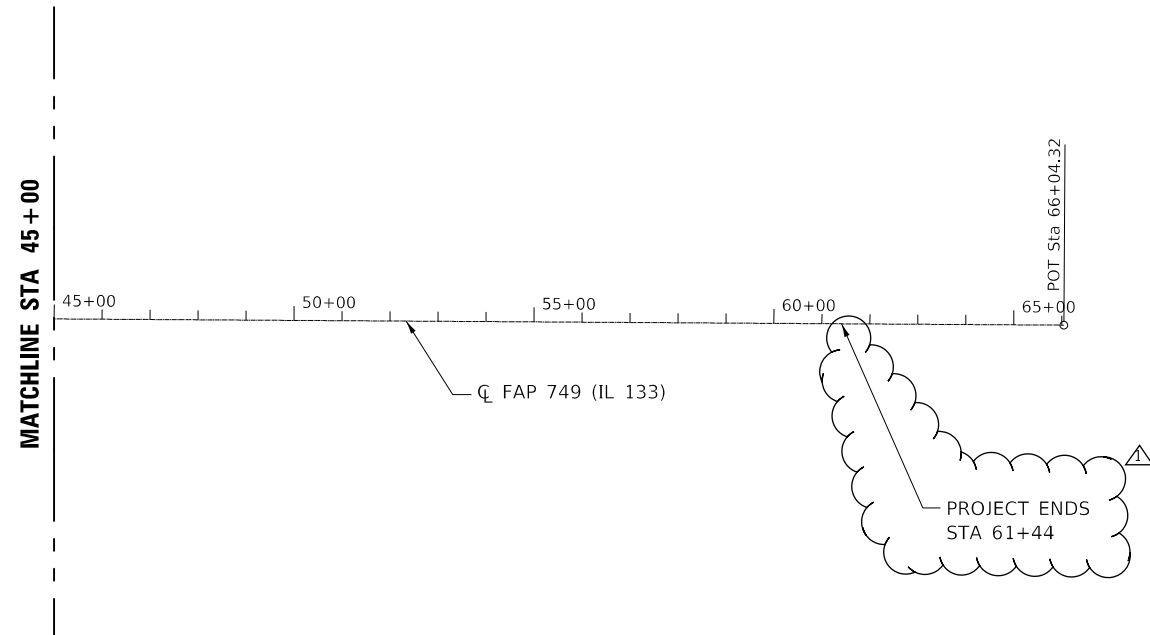
EXIST. CURVE IL133_9
 PI STA. = 22+00.00
 $\Delta = 1^\circ 14' 30''$ (LT)
 $D = 0^\circ 07' 27''$
 $R = 46,143.44'$
 $T = 500.00'$
 $L = 999.96'$
 $E = 2.71'$
 $e =$
 T.R. =
 S.E. RUN =
 P.C. STA. = 17+00.00
 P.T. STA. = 26+99.96

EXIST. CURVE IL133_10
 PI STA. = 32+07.26
 $\Delta = 1^\circ 11' 54''$ (RT)
 $D = 0^\circ 07' 05''$
 $R = 48,513.72'$
 $T = 507.30'$
 $L = 1,014.56'$
 $E = 2.65'$
 $e =$
 T.R. =
 S.E. RUN =
 P.C. STA. = 26+99.96
 P.T. STA. = 37+14.52



FAP 749 (IL 133) CENTERLINE CONTROL POINTS

POINT NO	NORTHING	EASTING	STATION	OFFSET	DESCRIPTION
23	1108393.194	944979.151	0+00	0.00	POT
40	1108393.206	944987.451	0+08.30	0.00	PC
25	1108393.516	945199.251	2+18.98	13.35	PI (2+20.10)
42	1108446.589	945404.293	4+29.66	0.00	PRC
29	1108496.931	945598.784	6+29.42	-13.09	PI (6+30.56)
43	1108495.540	945799.680	8+29.19	0.00	PT
44	1108489.490	946670.470	17+00.00	0.00	PC
32	1108486.020	947170.457	21+99.98	2.71	PI (22+00.00)
46	1108493.380	947670.400	26+99.96	0.00	PRC
33	1108500.854	948177.647	32+07.24	-2.65	PI (32+07.26)
47	1108497.720	948684.940	37+14.53	0.00	PT
17	1108479.844	951574.683	66+04.32	0.00	POT
6117	1108474.660	950982.904	60+12.59	8.84	SECTION CORNER



MODEL: \\MODEL\NAME
 FILE: \\NAME\PROJECT\DRAWING\DRAWING.DWG
 PROJECT: \\PROJECT\DOCUMENTS\DOT OFFICES\DRAWING\DRAWING.DWG
 USER: \\USER\BENTLEY\BENTLEY.COM\PROJECTS\DOT OFFICES\DRAWING\DRAWING.DWG

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ALIGNMENTS, TIES, AND BENCHMARKS

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