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

## STATE OF ILLINOIS 04-23-2021 LETTING ITEM 193

#### **DEPARTMENT OF TRANSPORTATION**

# PROPOSED HIGHWAY PLANS

FAI ROUTE 74 (I-74)
SECTION CM21-5014
PROJECT
CONTRACT MAINTENANCE PATCHING
VERMILION COUNTY

C-95-021-21

L STREET TO E OF US 150/L 1 IN DANVILLE

TRAFFIC DATA

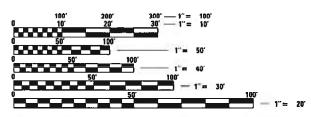
2020 ADT = 20 900 0 23 700 0 26 900 0
PU% = 61 7 65 5 70 2
SU% = 3 9 4 1 3 4
ML% = 34 4 30 4 26 4

TRAFFIC DATA LOCATIONS

LEG A = 1 74 FROM L ST TO G ST
LEG B = 1 74 FROM IL 1 TO BOWMAN AVE

## FUNCTIONAL CLASSICIATION INTERSTATE

TOWNSHIP: DANVILLE



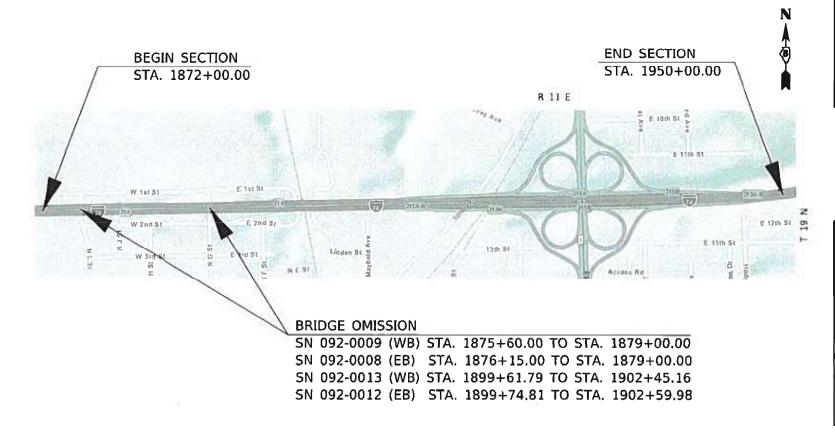
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: JASON W. STULTS
DESIGNERS: ROBERT A. HODGSON
BRANDON C. SCHULTZ

PHONE: (217) 465-4181 CONTRACT NO. 70F11

2

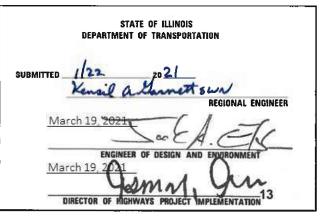


GROSS LENGTH = 7,800.00 FT. = 1.478 MILE

NET LENGTH = 7,176.63 FT. = 1.359 MILE

D-95-005-21





PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

#### INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS
2	HIGHWAY STANDARDS
2	GENERAL NOTES
3	SUMMARY OF QUANTITIES
4	TYPICAL CROSS SECTION
5	SCHEDULE OF QUANTITIES
6	TEMPORARY RUMBLE STRIPS (SPECIAL) DETAIL

## LIST OF HIGHWAY STANDARDS

STANDARD NO.	<u>DESCRIPTION</u>
000001-08	STANDARDS SYMBOLS, ABBREVIATIONS, & PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
442201-03	CLASS C AND D PATCHES
701400 - 10	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-12	LANE CLOSURE, FREEWAY/EXPRESSWAY
701411 09	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS ≥ 15 MPH
701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS ≥ 45 MPH
701428-01	TRAFFIC CONTROL, SETUP AND REMOVAL, FREEWAY/EXPRESSWAY
701901-08	TRAFFIC CONTROL DEVICES

#### **GENERAL NOTES**

G.N.-100A

ELECTRONIC FILES AND/OR ELECTRONIC SURVEY INFORMATION INCLUDING CADD FILES WILL NOT BE AVAILABLE TO THE CONTRACTOR.

G.N. -406H

MIXTURE REQUIREMENTS

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

Location	I - 74	I - 74
Mixture Use	Class D Patches	Class D Patches
	Surface (top 2")	Binder (Bottom 11")
AC/PG	SBS PG 70-22	SBS PG 70-22
Design Air Voids	4.0% @ Ndes=90	4.0% @ Ndes=90
Mix Comp(Gradation)	IL 9.5	IL 19.0
Friction Aggregate	Mix E	N . A .
Mixture Weight	112	112
Quality Management Program	QC/QA	QC/QA
Sublot Size	N . A .	N . A .

G.N.-780 SPL

PAVEMENT MARKING FOR THIS PROJECT IS TO BE PERFORMED BY OTHERS. FIELD PERSONNEL WILL NOTIFY GARY SIMS, DISTRICT 5 TRAFFIC OPERATIONS ENGINEER AT (217) 251-4181 WHEN THE PROJECT IS COMPLETE AND READY FOR PAVEMENT MARKINGS.

#### **COMMITMENTS**

THERE ARE NO COMMITMENTS FOR THIS PROJECT

USER NAME = DietzCB	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 / in.	CHECKED -	REVISED -
PLOT DATE = 1/22/2021	DATE -	REVISED -

STATE OF ILLINOIS	
DEPARTMENT OF TRANSPORTATION	

HIGHWAY STANDARDS, GENERAL NOTES,	F.A.I RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
AND INDEX OF SHEETS	74	CM21-5014		VERMILION	6	2
AND INDEX OF SHEETS				CONTRACT	NO. 70	)F11
SHEET 1 OF 1 SHEETS STA. TO STA.		ILLINOIS	FED. A	ID PROJECT		

## **SUMMARY OF QUANTITIES**

LOCATION OF WORK:

FAI 74 (I-74)
URBAN
INTERSTATE
STA. 1872+00 TO STA. 1950+00
VERMILION COUNTY

FUNDING BREAKOUT: CONSTRUCTION TYPE CODE:

100% STATE 0006

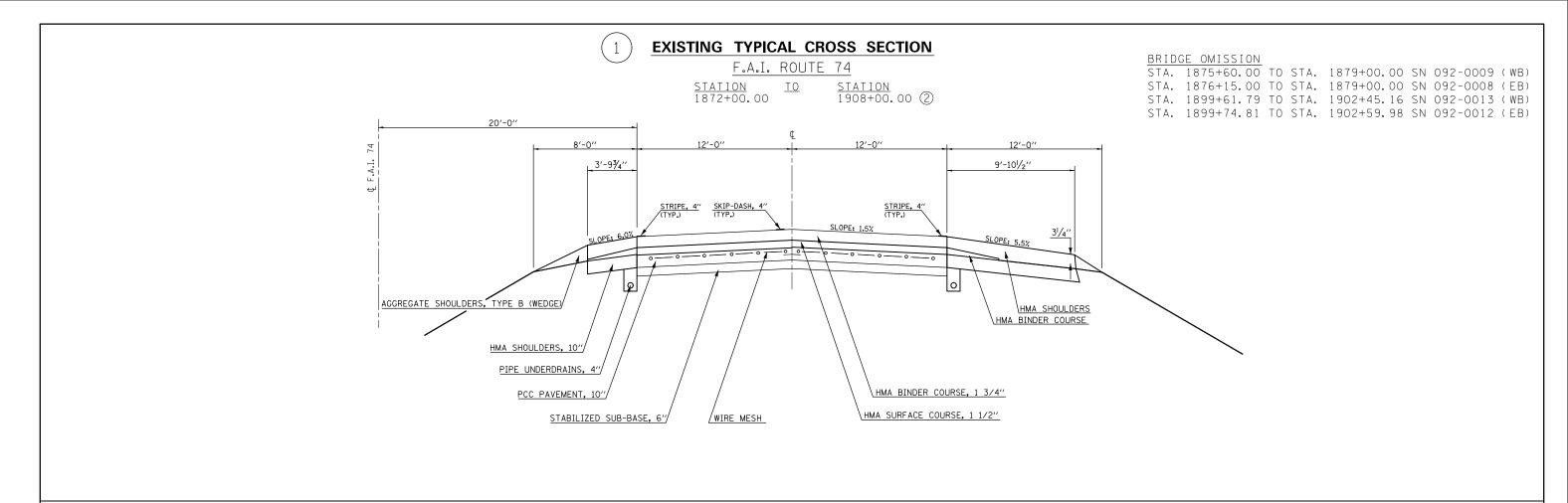
CODE NO.	ITEM	<u>UNIT</u>	TOTAL QUANTITY	
44201803	CLASS D PATCHES, TYPE II, 13 INCH	SQ YD	14.0	14.
44201803	CLASS D PATCHES, TYPE II, 13 INCH	SQ YD	14.0	14.
44201807	CLASS D PATCHES, TYPE III, 13 INCH	SQ YD	24.0	24.
44201809	CLASS D PATCHES, TYPE IV, 13 INCH	SQ YD	1,334.0	1,334.
67100100	MOBILIZATION	L SUM	1.0	1.
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	8.0	8.
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1.0	1.
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	7.0	7.
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	44.0	44.
X2700001	TEMPORARY RUMBLE STRIPS (SPECIAL)	EACH	16.0	16.
				<u> </u>
ENOTES SPECIA	LTY TIEM			

MODEL: \$MODELNAME\$

USER NAME = DietzCB	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 / in.	CHECKED -	REVISED -
PLOT DATE = 1/22/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

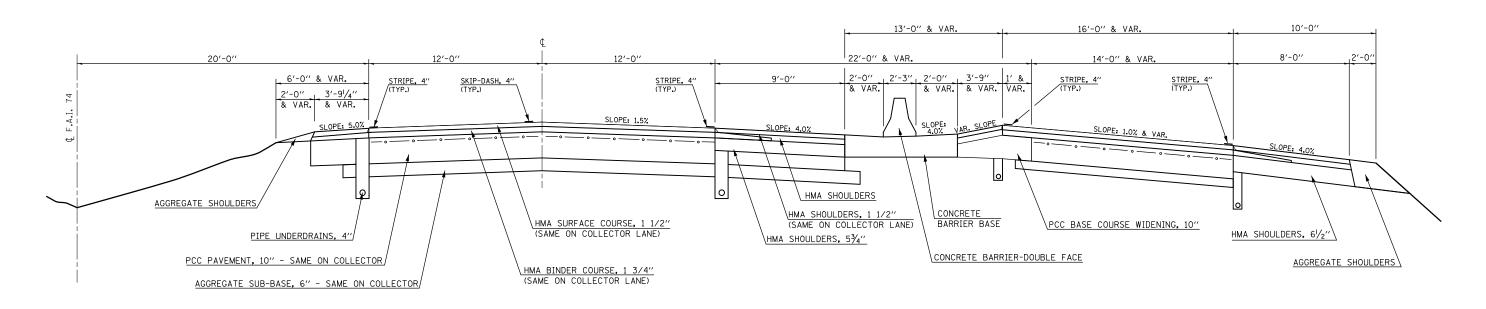
						F.A.I RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SUMMARY OF QUANTITIES				74	CM21-5014	VERMILION	6	3		
								CONTRACT	NO. 70	OF11
HEET 1	OF	1	SHEETS	STA.	TO STA.		ILLINOIS FED. A	ID PROJECT		



## 2 EXISTING TYPICAL CROSS SECTION WITH COLLECTOR LANE

<u>F.A.I. ROUTE 74</u>

<u>STATION</u> <u>TO</u> <u>STATION</u> <u>1908+00.00</u> 1950+00.00



USER NAME = DietzCB	DESIGNED -	REVISED -			TYPICAL CROSS SECTIONS	F.A.I.	SECTION	COUNTY	TOTAL SHEET
	DRAWN -	REVISED -	STATE OF ILLINOIS		FAI 74 (I–74)	74	CM21-5014	VERMILION	6 4
PLOT SCALE = 40.0000 / in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION					CONTRACT	NO. 70F11
PLOT DATE = 1/22/2021	DATE -	REVISED -		SCALE:	SHEET 1 OF 1 SHEETS STA. 1872+00.00 TO STA. 1950+00.00		ILLINOIS FED. A	ID PROJECT	

## **SCHEDULE OF QUANTITIES**

### PATCHING SCHEDULE

DIRECTION	LANE	DESCRIPTION	LENGTH (FOOT)	WIDTH (FOOT)	44201803 CLASS D PATCHES, TYPE II, 13 INCH (SQ YD)	44201807 CLASS D PATCHES, TYPE III, 13 INCH (SQ YD)	44201809 CLASS D PATCHES, TYPE IV, 13 INCH (SQ YD)
WB	DL	WEST END OF G STREET BRIDGE APPROACH PAVEMENT	100	12			133.3
WB	PL	WEST END OF G STREET BRIDGE APPROACH PAVEMENT	100	12			133.3
WB	DL	GORE AREA OF ENTRANCE RAMP AT G STREET	200	12			266.7
WB	PL	GORE AREA OF ENTRANCE RAMP AT G STREET	200	12			266.7
EB	DL	GORE AREA OF EXIT RAMP AT G STREET	100	12			133.3
EB	PL	GORE AREA OF EXIT RAMP AT G STREET	10	12	13.3		
EB	DL	200' PAST G STREET EXIT GORE AREA	100	12			133.3
EB	DL	150' WEST OF G STREET W APPROACH	18	12		24.0	
EB	PL	100' WEST OF G STREET WEST APPROACH	100	12			133.3
EB	DL	100' WEST OF RT. 1 FNTRANCE GORE	100	12			133.3
	-			TOTAL=	13.33	24.00	1333.33
				ROUND TO:	14.00	24.00	1334.00

Nplanroom dot.illinois gov:PWIDOT\Documents\IDOT Offices\District 5\Projects\D570F11\C

 USER NAME
 DELECT
 DESIGNED
 REVISED

 DRAWN
 REVISED

 PLOT SCALE
 = 40.0000 / in
 CHECKED
 REVISED

 PLOT DATE
 = 1/22/2021
 DATE
 REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

