

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2826	D9 PATCH 2020-4	JEFFERSON	16	1
		ILLINOIS	CONTRACT NO. 78800	

FOR INDEX OF SHEETS, SEE SHEET NO. 3
FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 5
FOR STRUCTURAL PAVEMENT DESIGN INFORMATION, SEE SHEET NO. NA

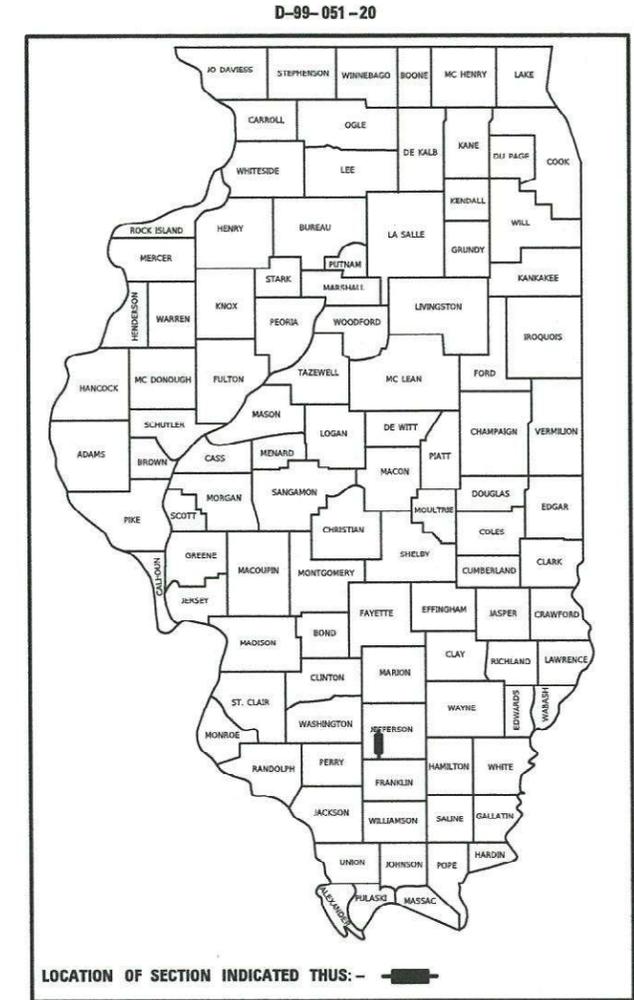
PROPOSED
HIGHWAY PLANS

FAS ROUTE 2826 (IL 37)
SECTION D9 PATCH 2020-4

PAVEMENT REPLACEMENT
JEFFERSON COUNTY

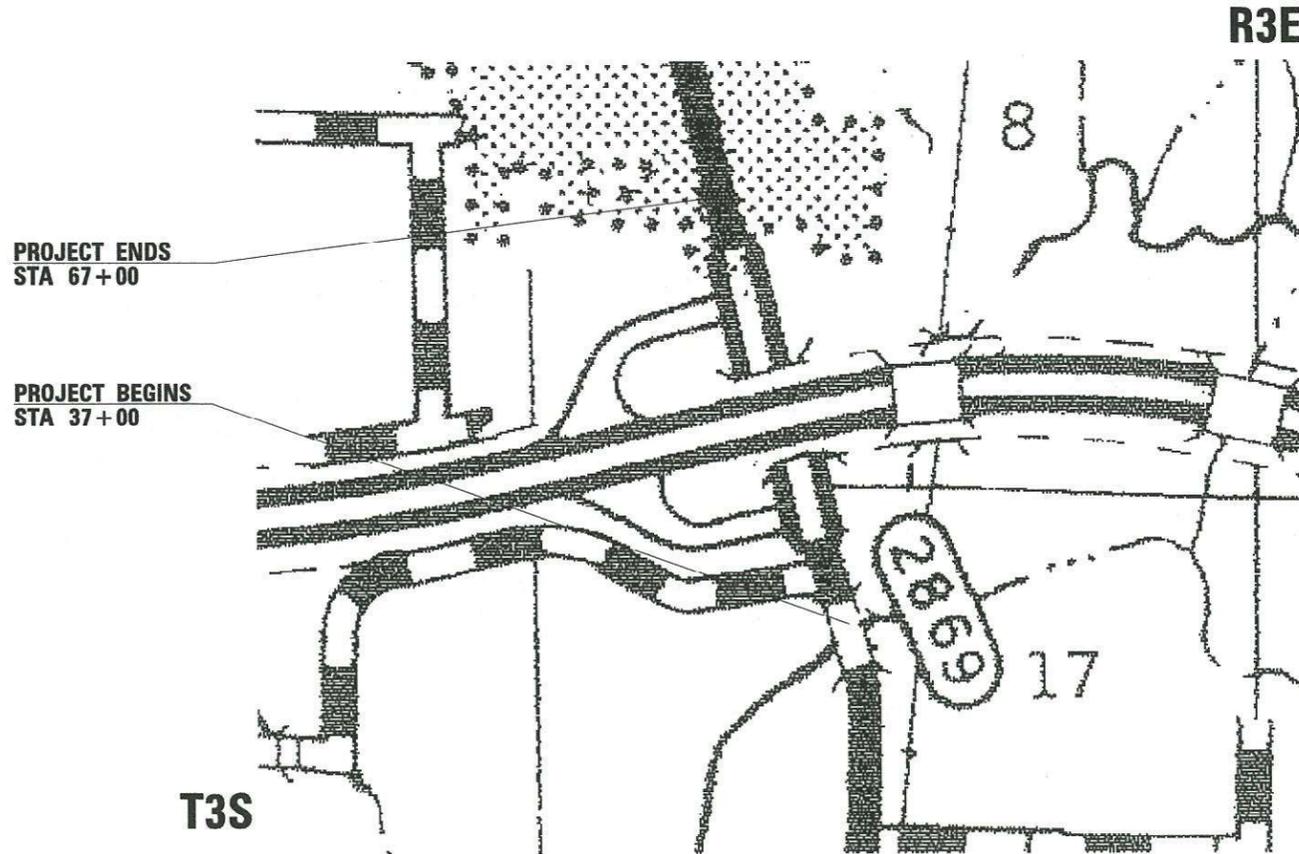
TRAFFIC DATA IL 37 JEFFERSON COUNTY

IL 37 UNDER I-64 MP 13.65 TO 14.3				
	2020	2030	2040	
PV =	5,225	5,770	6,380	
SU =	305	335	370	
MU =	330	365	400	
ADT =	5,860	6,470	7,150	



C-99-073-20

TOWNSHIPS
DODDS



DESIGN DESIGNATION : NA
COORDINATE SYSTEM : NA
POSTED SPEED : 45 MPH

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

PROJECT ENGINEER: VALERIE ROLLA 618-351-5214
PROJECT DESIGNER: DARRYL LEFTWICH 618-351-5291

GROSS LENGTH = 3000.0 FT. = 0.568 MILES
NET LENGTH = 3000.0 FT. = 0.568 MILES

CONTRACT NO. 78800

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED April 3 2020
Kurtz Roberts
REGION FIVE ENGINEER

May 8, 2020 [Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

May 8, 2020 [Signature]
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION 13

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Prepared By: Charles Stein
DISTRICT STUDIES & PLANS ENGINEER

Examined By: _____
DISTRICT LAND ACQUISITION ENGINEER

Examined By: Annii Nelson
DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By: _____
DISTRICT OPERATIONS ENGINEER

Examined By: _____
DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By: Daryl J. Muehl
DISTRICT CONSTRUCTION ENGINEER

Examined By: _____
DISTRICT MATERIALS ENGINEER

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2826	D9 PATCH 2020-4	JEFFERSON	16	2
CONTRACT NO. 78800				
ILLINOIS FED. AID PROJECT				

SHEET NO

INDEX OF SHEETS

1	COVER SHEET
2	SIGNATURE SHEET
3	INDEX OF SHEETS, HIGHWAY STANDARDS GENERAL NOTES
4-6	SUMMARY OF QUANTITIES
7	TYPICAL SECTIONS: IL 37
8	SCHEDULE - PAVEMENT QUANTITIES
9	SCHEDULE - PAVEMENT MARKING
10	PLAN VIEW - OVERVIEW
11-12	PLAN VIEW: TRAFFIC CONTROL - STAGE 1
13-14	PLAN VIEW: TRAFFIC CONTROL - STAGE 2
15-16	PLAN VIEW: PAVEMENT MARKING LAYOUT

HIGHWAY STANDARDS

000001-07	STANDARD SYMBOLS ABBREVIATIONS & PATTERNS
001001-02	AREAS OF REINF REBARS
001006	DECIMAL OF INCH & FOOT
420001-09	PAVEMENT JOINTS
420101-06	24 FT JOINTED PCC PVMT
483001-05	PCC SHLD
606001-07	CONC CURB TYPE B & COMBO CONC C&G
701101-05	OFF RD OP - MULTI LN - LESS THAN 15FT TO EOP
701106-02	OFF RD OP - MULTI LN - MORE THAN 15FT AWAY
701431-13	LN CLOSURE MULTI LN UNDIVIDED WITH CROSSOVER 45-55 MPH
701901-08	TRAF CNTRL DEVICES
780001-05	TYPICAL PVMT MRKINGS

GENERAL NOTES

THE ALGEBRAIC DIFFERENCE BETWEEN THE PAVEMENT AND SHOULDER SLOPES SHALL NOT EXCEED 8%. THE SHOULDER ON THE OUTSIDE OF SUPERELEVATED CURVES SHALL BE FLATTENED ACCORDINGLY.

THE QUANTITY OF SHORT TERM PAVEMENT MARKING SHOWN IN THE PLANS IS BASED ON ONE APPLICATION.

AT ALL LOCATIONS WHERE THE PROPOSED CONCRETE PAVEMENT JOINS AN EXISTING HOT MIX ASPHALT, CONCRETE PAVEMENT, CONCRETE SHOULDER, CONCRETE CURB & GUTTER OR CONCRETE GUTTER, A FULL DEPTH SAWED JOINT SHALL BE CONSTRUCTED. THE COST OF THIS JOINT WILL BE INCLUDED IN THE COST OF THE TYPE OF PAVEMENT BEING CONSTRUCTED.

THE CONTRACTOR SHALL STAMP STATIONING IN THE PCC 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.

REV. - MS

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PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	2826	D9 PATCH 2020-4	JEFFERSON	16	3
PLOT DATE = 4/9/2020	CHECKED -	REVISED -		CONTRACT NO. 78800										
	DATE -	REVISED -		ILLINOIS FED. AID PROJECT										

SUMMARY OF QUANTITIES

COUNTY:	Jefferson
ROUTE:	IL 37
FUNDING:	100% STATE
LOCATION:	RURAL
	ROADWAY
	0004

CODE NUMBER	ITEM DESCRIPTION	UNIT	
31100910	SUBBASE GRANULAR MATERIAL, TYPE A 12"	SQ YD	4,217
31102100	SUBBASE GRANULAR MATERIAL, TYPE C 4"	SQ YD	1,080
31200100	STABILIZED SUBBASE 4"	SQ YD	3,117
42000401	PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)	SQ YD	2,934
42001300	PROTECTIVE COAT	SQ YD	4,156
44000100	PAVEMENT REMOVAL	SQ YD	2,934
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1,100
44004250	PAVED SHOULDER REMOVAL	SQ YD	1,223
44201297	DOWEL BARS 1"	EACH	146
44213204	TIE BARS 3/4"	EACH	110

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SUMMARY OF QUANTITIES - CONT

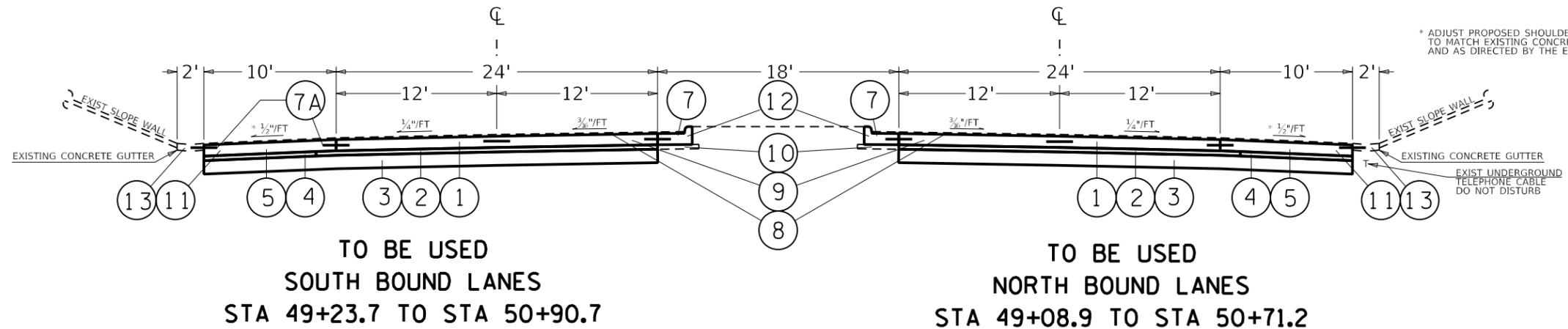
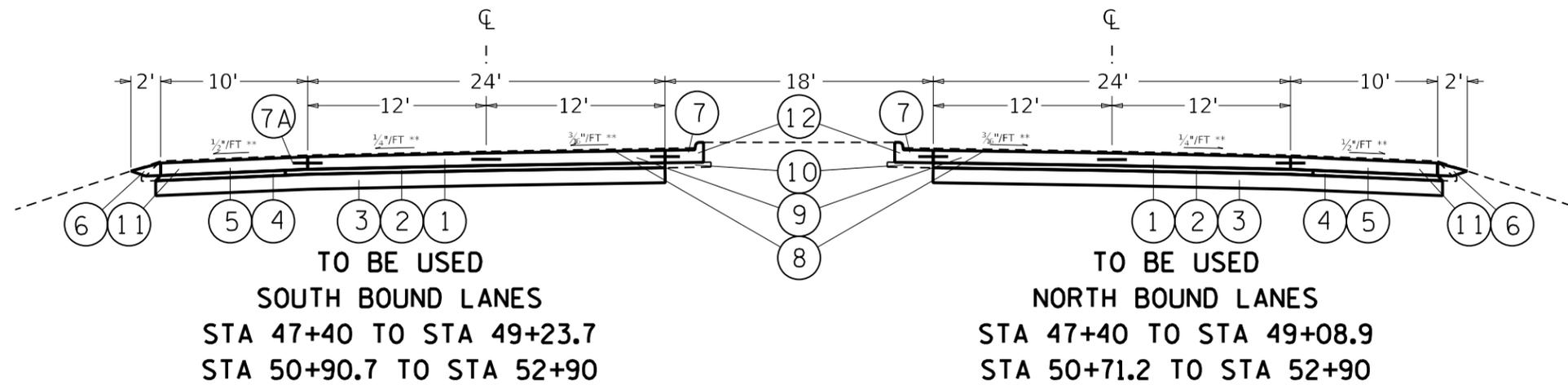
COUNTY:	Jefferson
ROUTE:	IL 37
FUNDING:	100% STATE
LOCATION:	RURAL
	ROADWAY
	0004

CODE NUMBER	ITEM DESCRIPTION	UNIT	
* 78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	36
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	13,128
* 78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	98
X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	4,517

* SPECIALTY ITEM

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TYPICAL SECTIONS



- ① PROP PCC PAVEMENT 9" (JOINTED)
- ② PROP STABILIZED SUBBASE, 4"
- ③ PROP SUBBASE GRANULAR MATERIAL, TYPE A 12"
- ④ PROP SUBBASE GRANULAR MATERIAL, TYPE C 4"
- ⑤ PROP PCC SHOULDERS 9"
- ⑥ PROP AGG WEDGE SHOULDER
- ⑦ PROP CC&G TYPE B-6.24
- ⑦A PROP TIE BARS 3/4" (TYPICAL)

- ⑧ EXIST HMA OVERLAY (1 1/2" AND VAR)
- ⑨ EXIST PCC PAVEMENT (6 1/2" AND VAR)
- ⑩ EXIST SUBBASE MATERIAL
- ⑪ EXIST PCC SHOULDERS
- ⑫ EXIST CC&G TYPE-6.24
- ⑬ EXIST CONCRETE GUTTER

* ADJUST TO MATCH EXISTING CONCRETE GUTTER
 ** MATCH EXISTING SLOPES AT PROJECT TERMINI

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2826	D9 PATCH 2020-4	JEFFERSON	16	7
CONTRACT NO. 78800				
ILLINOIS FED. AID PROJECT				

PAVEMENT SCHEDULE

IL 37 Under FAI 64 JEFFERSON CO	SECTION LENGTH	PAVEMENT REMOVAL	PAVED SHOULDER REMOVAL	CC&G REMOVAL	SUB GRAN MAT	STAB SUB	SUB GRAN MAT	PCC PVMT	PCC SHLD	CC&G TYPE B	DOWEL BARS	TIE BARS	PROTECT COAT
LOCATION	FEET	SQ YD	SQ YD	FOOT	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	FOOT	EACH	EACH	SQ YD
Project Begins STA 47+40.0	0.00										72		
STA 47+40.0 TO STA 49+15.0	175.00	933	389	350	1342	992	344	933	389	350			1322
STA 49+15.0 TO STA 50+00.0	85.00	453	189	170	652	482	167	453	189	170		57	642
STA 50+00.0 TO STA 50+80.0	80.00	427	178	160	613	453	157	427	178	160		53	604
STA 50+80.0 TO STA 52+90.0	210.00	1120	467	420	1610	1190	412	1120	467	420			1587
Project Ends STA 52+90.0	0.00										74		
		2934	1223	1100	4217	3117	1080	2934	1223	1100	146	110	4156

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ILLINOIS FED. AID PROJECT							

PAVEMENT MARKING SCHEDULE

IL 37 Under FAI 64 JEFFERSON CO	SECTION LENGTH	MODIFIED URETHANE PAVEMENT MARKING					TEMP PAINT PAVEMENT MARKING				SHORT TERM PAVEMENT MARKING			
		LINES					LETTERS & SYMBOLS	LINES		LETTERS & SYMBOLS	REMOVAL	WHITE	YELLOW	REMOVAL
		4 IN		12 IN		4 IN		12 IN						
		WHITE	YELLOW	WHITE	YELLOW									
DASH	SOLID	DASH	SOLID	SOLID	SQ FT	FOOT	FOOT	SQ FT	SQ FT	FOOT	FOOT	SQ FT		
LOCATION	FEET	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	
Marking Begins STA 37+00.0														
STA 37+00.0 TO STA 39+00.0	200.00		330		400			730			244	16	18	11
STA 39+00.0 TO STA 39+84.0	84.00		112		336	8.8		448	8.8		159	7	15	7
STA 39+84.0 TO STA 40+80.0	96.00	24	192		384	36.7		600	36.7		237	16	17	11
STA 40+80.0 TO STA 41+84.0	104.00	26	208		312	22.1		546	22.1		205	18		6
STA 41+84.0 TO STA 42+25.0	41.00	21	82		123			226			76	11		4
STA 42+25.0 TO STA 44+18.0	193.00	97	242		386			725			242	51		17
STA 44+18.0 TO STA 44+82.0	64.00	32	64					96			32	17		6
STA 44+82.0 TO STA 54+18.0	936.00	468	1789		1872			4129			1377	245		82
STA 54+18.0 TO STA 57+10.0	292.00	146	736		584	36.4		1466	36.4		526	103		34
STA 57+10.0 TO STA 57+88.0	78.00	39	78					117			39	20		7
STA 57+88.0 TO STA 61+50.0	362.00	181	628		724			1533			511	95		32
STA 61+50.0 TO STA 62+30.0	80.00	20	160		160			340			114	14		5
STA 62+30.0 TO STA 63+60.0	130.00	33	260		520	30.0		813	30.0		301	22	24	15
STA 63+60.0 TO STA 67+00.0	340.00		680		680			1360			454	27	62	30
Marking Ends STA 67+00.0														
		1086	5561	0	6481	98	36.4	13128	98	36.4	4517	661	136	266
		13128										798		

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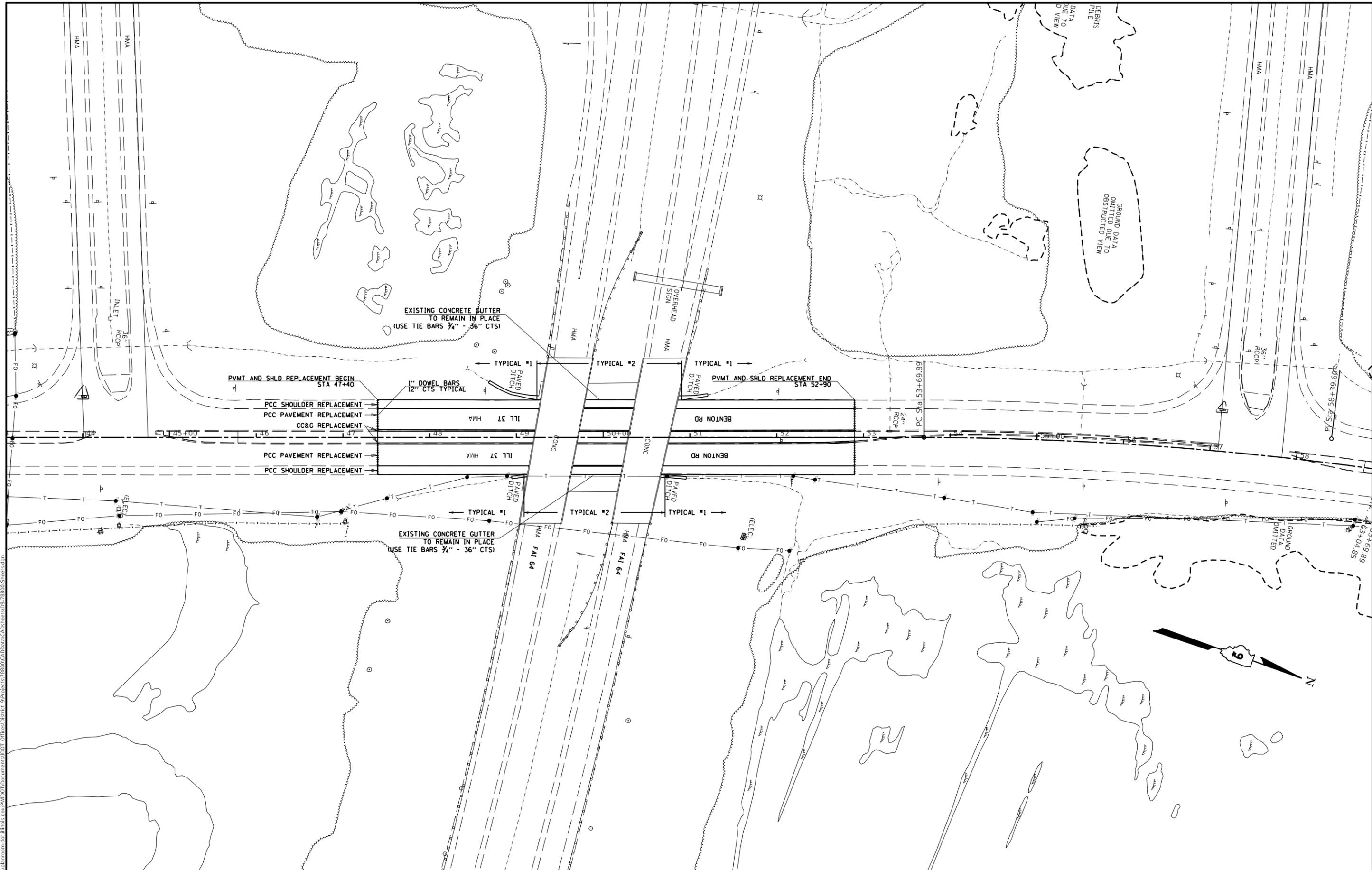
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING SCHEDULE

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2826	D9 PATCH 2020-4	JEFFERSON	16	9
CONTRACT NO.78800				
ILLINOIS FED. AID PROJECT				

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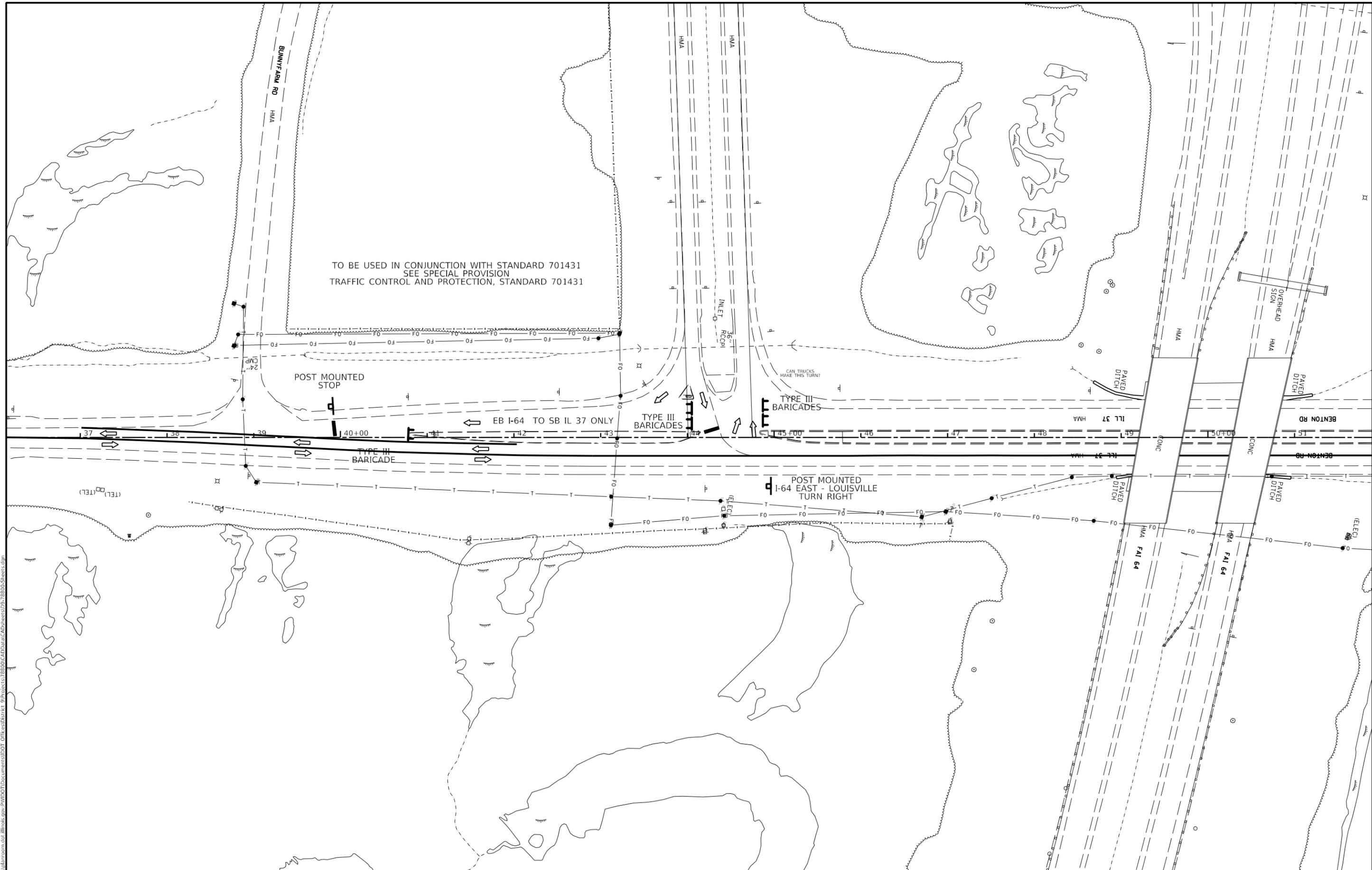
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET - PAVING SECTION
 SCALE: _____ SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2826	D9_PATCH_2020-4	JEFFERSON	16	10
CONTRACT NO. 78800				
ILLINOIS FED. AID PROJECT				

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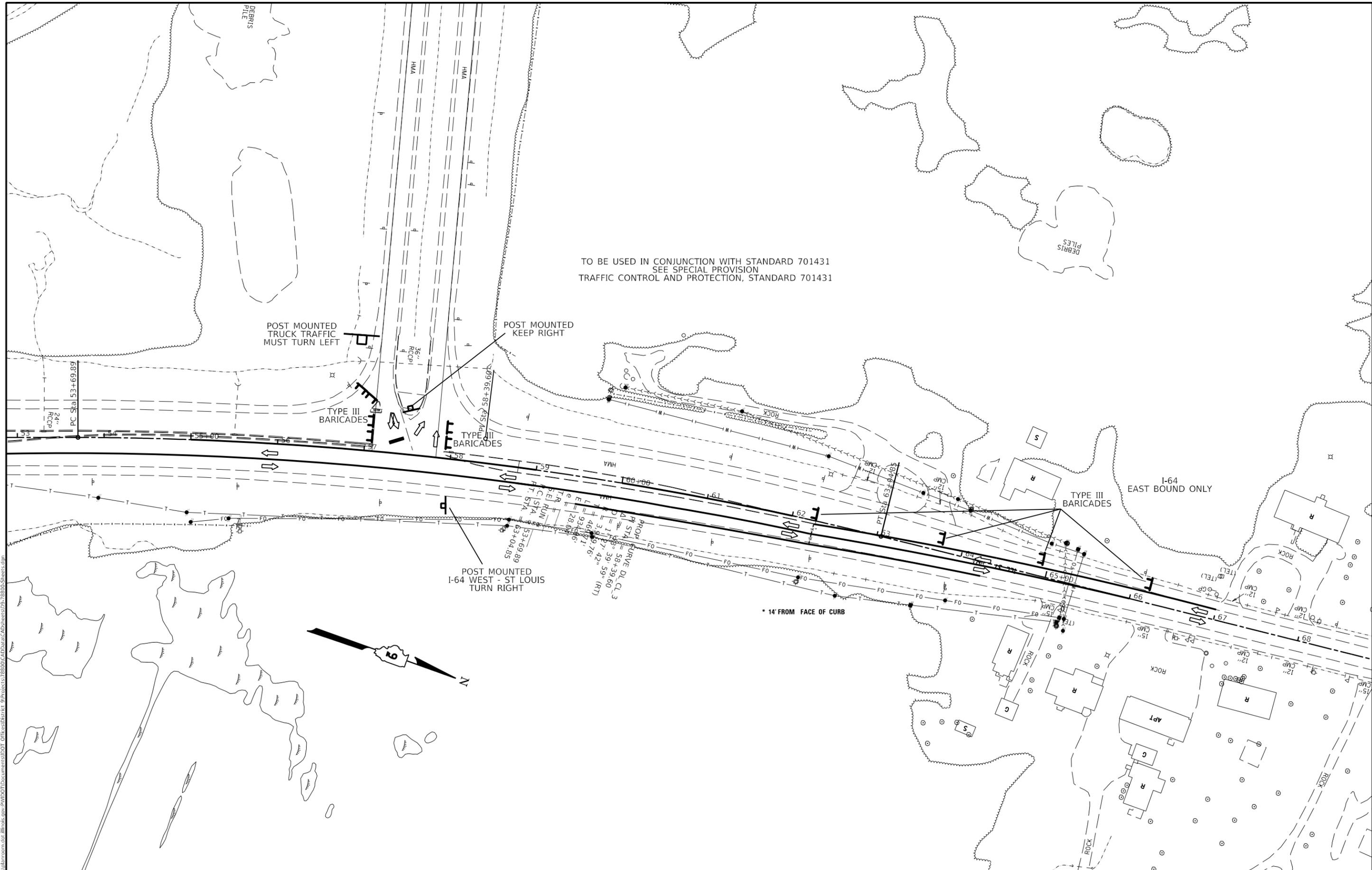
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET - TRAFFIC CONTROL
STAGE 1: SHEET 1 of 2

SCALE: _____ SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____

F.A.S. RTE. 2826	SECTION D9_PATCH_2020-4	COUNTY JEFFERSON	TOTAL SHEETS 16	SHEET NO. 11
ILLINOIS FED. AID PROJECT			CONTRACT NO. 78800	

TO BE USED IN CONJUNCTION WITH STANDARD 701431
 SEE SPECIAL PROVISION
 TRAFFIC CONTROL AND PROTECTION, STANDARD 701431



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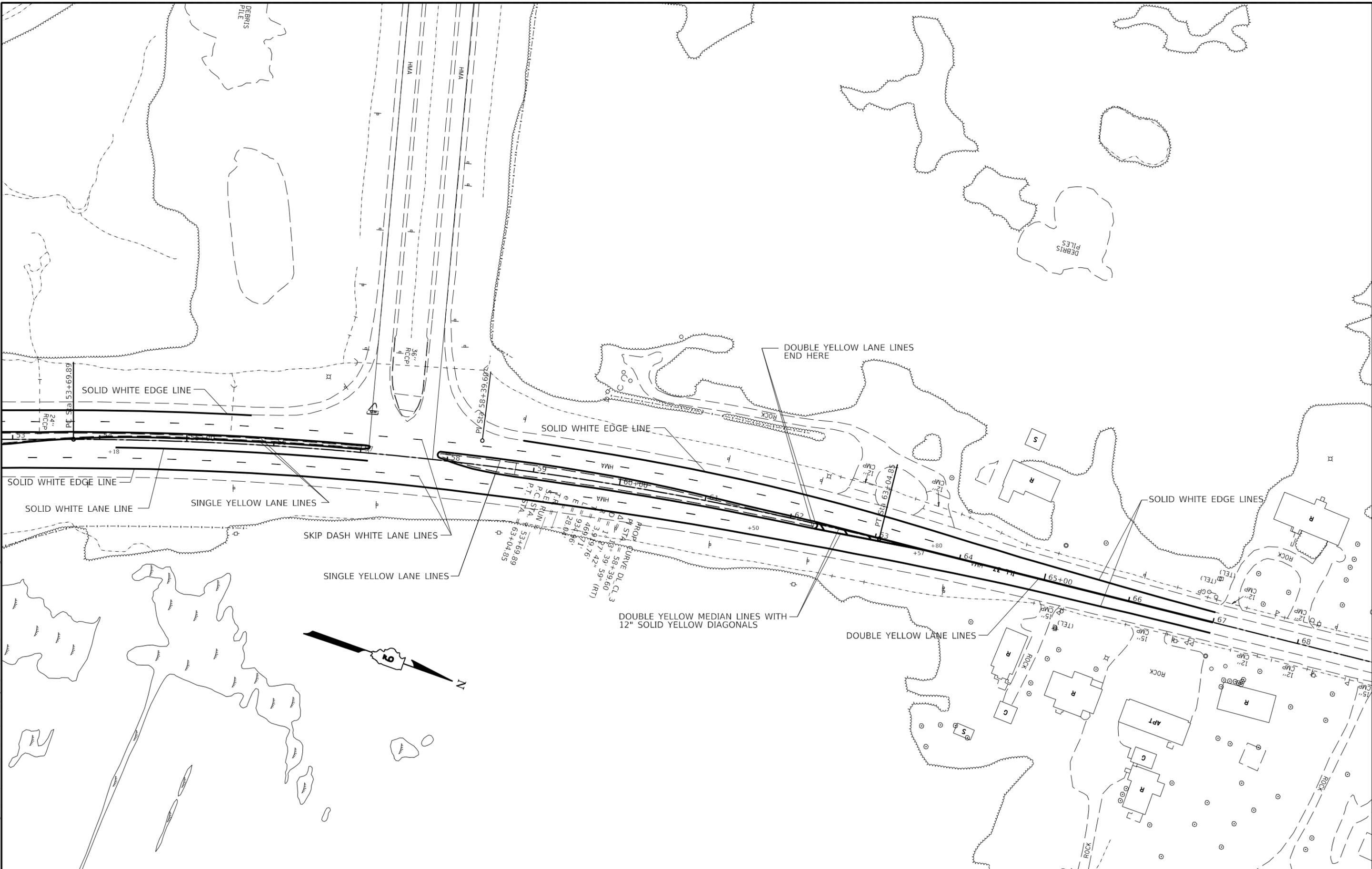
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET - TRAFFIC CONTROL
 STAGE 1: SHEET 2 of 2**

SCALE: _____ SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2826	D9_PATCH_2020-4	JEFFERSON	16	12
CONTRACT NO. 78800				
ILLINOIS FED. AID PROJECT				



PROP. CURVE D.L. CL 3
 P.I. STA. = 58+39.60
 D = 113.39
 L = 37.42
 ELEV. = 42.59 (RTT)
 HMA
 L = 93.96
 ELEV. = 28.81
 T.P. STA. = 33+04.85
 P.C. STA. = 33+69.89
 P.T. STA. = 63+04.85



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET - PAVEMENT MARKING			
SHEET 2 of 2			
SCALE: _____	SHEET _____	OF _____	SHEETS _____
STA. _____	TO STA. _____		

F.A.S. RTE. 2826	SECTION D9 PATCH 2020-4	COUNTY JEFFERSON	TOTAL SHEETS 16	SHEET NO. 16
CONTRACT NO. 78800				
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