

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57		FRANKLIN	13	1
		ILLINOIS	CONTRACT NO. 78951	

*D9 Rest Area Patch 2022-1

FOR INDEX OF SHEETS, SEE SHEET NO. 3
FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 4

**PROPOSED
HIGHWAY PLANS**

FAI ROUTE 57 (I-57)
SECTION D9 REST AREA PATCH 2022-1

**TRAFFIC DATA
2021: ADT 1350**

**TOWNSHIPS
WHITTINGTON**

DESIGN DESIGNATION : N/A
COORDINATE SYSTEM : N/A
POSTED SPEED : N/A MPH

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

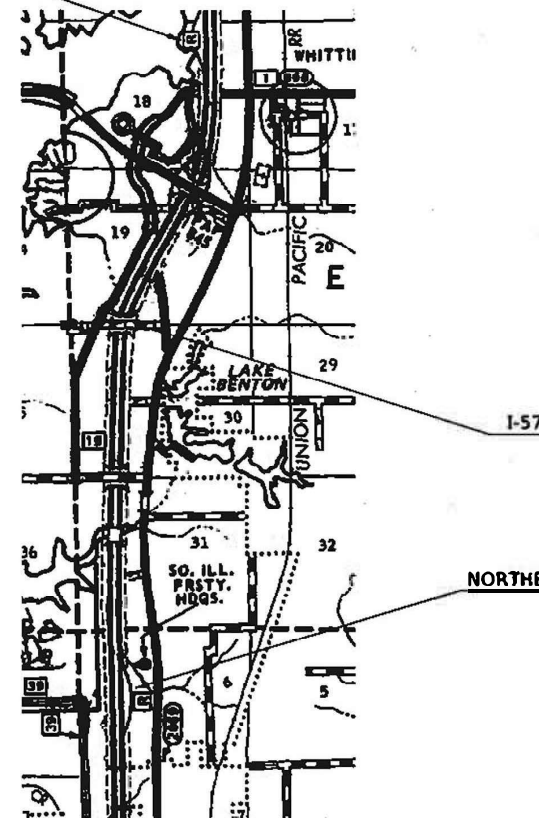
PROJECT ENGINEER: VALERIE ROLLA
PROJECT DESIGNER: JAXON HORN

CONTRACT NO. 78951

**PATCHING
FRANKLIN COUNTY**

C-99-059-22

SOUTHBOUND REST AREA



NORTHBOUND REST AREA

GROSS LENGTH = 1035 FT. = 0.19 MILES
NET LENGTH = 1035 FT. = 0.19 MILES

D-99-046-22



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED March 23 2022
Stephen M. Frano
REGION FIVE ENGINEER

May 13, 2022 [Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

May 13, 2022 [Signature]
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS**

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Prepared By: Charles Stein
DISTRICT STUDIES & PLANS ENGINEER

Examined By: _____
DISTRICT LAND ACQUISITION ENGINEER

Examined By: Cassie Nelson
DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By: [Signature]
DISTRICT OPERATIONS ENGINEER

Examined By: Douglas J. Melnick
DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By: Douglas J. Melnick
DISTRICT CONSTRUCTION ENGINEER

Examined By: [Signature]
DISTRICT MATERIALS ENGINEER

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PLOT DATE = 3/15/2022	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGNATURE SHEET

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. ATE:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S7	*	FRANKLIN	13	2
ILLINOIS FED. AID PROJECT			CONTRACT NO. 78951	

INDEX OF SHEETS

- 1 COVER
- 2 SIGNATURE SHEET
- 3 INDEX, GENERAL NOTES, STANDARDS
- 4-5 SUMMARY OF QUANTITIES
- 6-8 TYPICAL SECTION
- 9-12 SCHEDULE'S
- 13 SIGN DETAIL

HIGHWAY STANDARDS

000001-08
 001001-02
 001006
 420001-10
 442101-09
 420701-03
 483001-06
 701101-05
 701400-11
 701401-13
 701901-08

GENERAL NOTES

COMMITMENTS: NONE

REV. - MS

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DRAWN -	REVISED -	57			*	FRANKLIN	13	3	
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 78951				
PLOT DATE = 3/25/2022	DATE -	REVISED -			SCALE:		SHEET OF SHEETS	STA.	TO STA.

*D9 Rest Area Patch 2022-1

SUMMARY OF QUANTITIES

COUNTY:	FRANKLIN COUNTY	FRANKLIN COUNTY
ROUTE:	FAI 57	FAI 57
FUNDING:	100%STATE	100% STATE
LOCATION:	RURAL	RURAL

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	CONTRACT MAINTENANCE	REST AREA
				0005	0005
20200600	EXCAVATING AND GRADING EXISTING SHOULDER	UNIT	20	0	20
31100910	SUBBASE GRANULAR MATERIAL, TYPE A 12"	SQ YD	1,842	0	1,842
44004250	PAVED SHOULDER REMOVAL	SQ YD	1,104	0	1,104
44200050	WELDED WIRE REINFORCEMENT	SQ YD	4,357	821	3,536
44200966	CLASS B PATCHES, TYPE I, 10 INCH	SQ YD	14	14	
44200970	CLASS B PATCHES, TYPE II, 10 INCH	SQ YD	921	921	
44200974	CLASS B PATCHES, TYPE III, 10 INCH	SQ YD	153	153	
44200976	CLASS B PATCHES, TYPE IV, 10 INCH	SQ YD	669	669	
44201299	DOWEL BARS 1 1/2"	EACH	2,515	2,515	
44213200	SAW CUTS	FOOT	8,267	8,267	
44213204	TIE BARS 3/4"	EACH	1,021	203	818
48300500	PORTLAND CEMENT CONCRETE SHOULDERS 10"	SQ YD	1,842	0	1,842
67100100	MOBILIZATION	L SUM	1	0.5	0.5
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1	0.5	0.5

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SUMMARY OF QUANTITIES - CONT

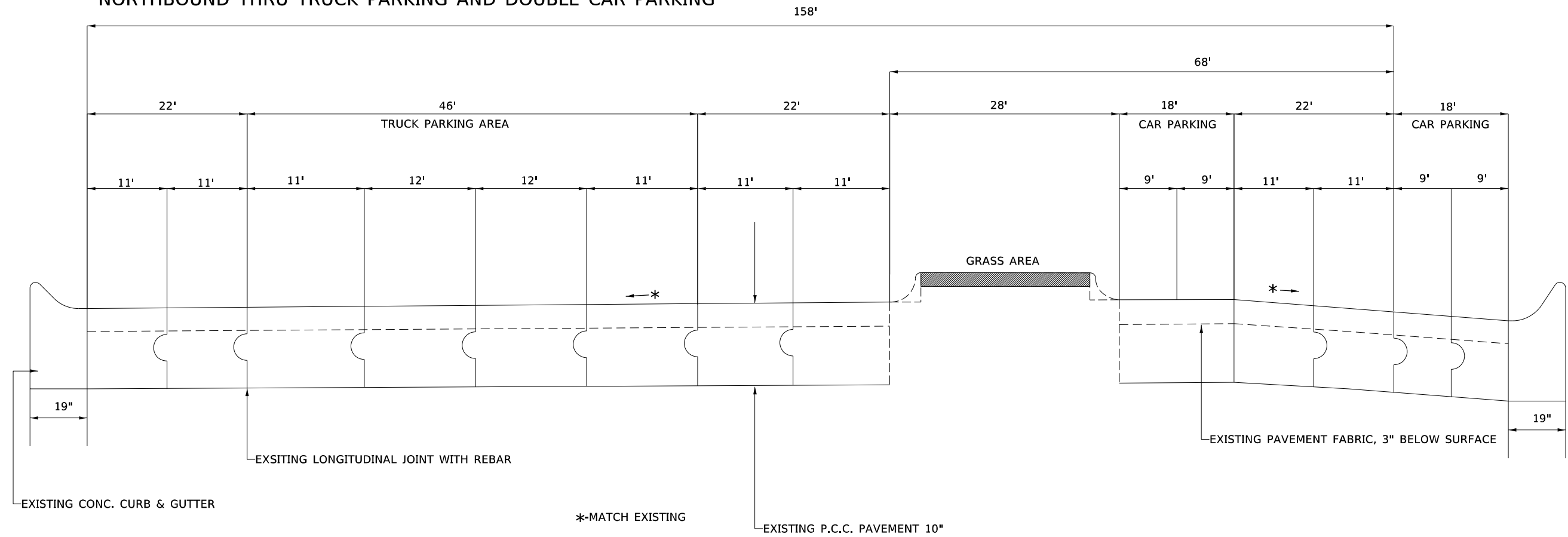
COUNTY:	FRANKLIN COUNTY	FRANKLIN COUNTY
ROUTE:	FAI 57	FAI 57
FUNDING:	100% STATE	100% STATE
LOCATION:	RURAL	RURAL
	CONTRACT MAINTENANCE	REST AREA
	0005	0005

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	CONTRACT MAINTENANCE	REST AREA
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	28	14	14
70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	0.5	0.5
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	0	1

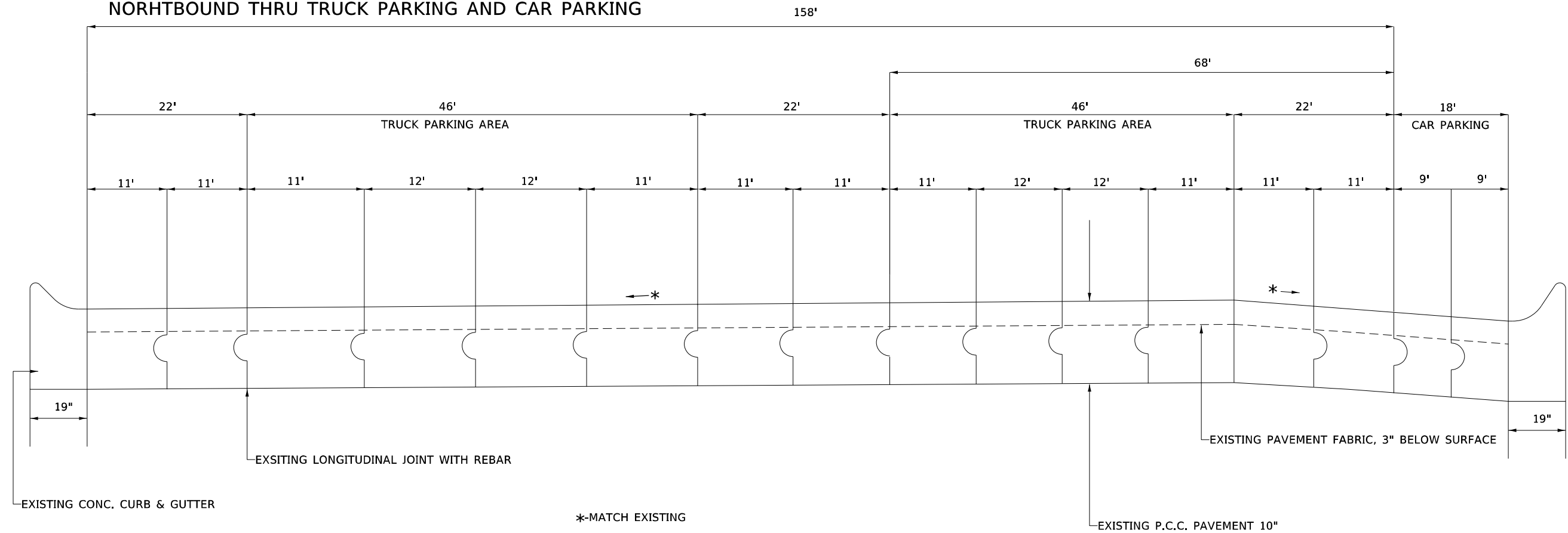
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	PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -						CONTRACT NO. 78951	
	PLOT DATE = 5/12/2022	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.

NORTHBOUND THRU TRUCK PARKING AND DOUBLE CAR PARKING



NORHTBOUND THRU TRUCK PARKING AND CAR PARKING



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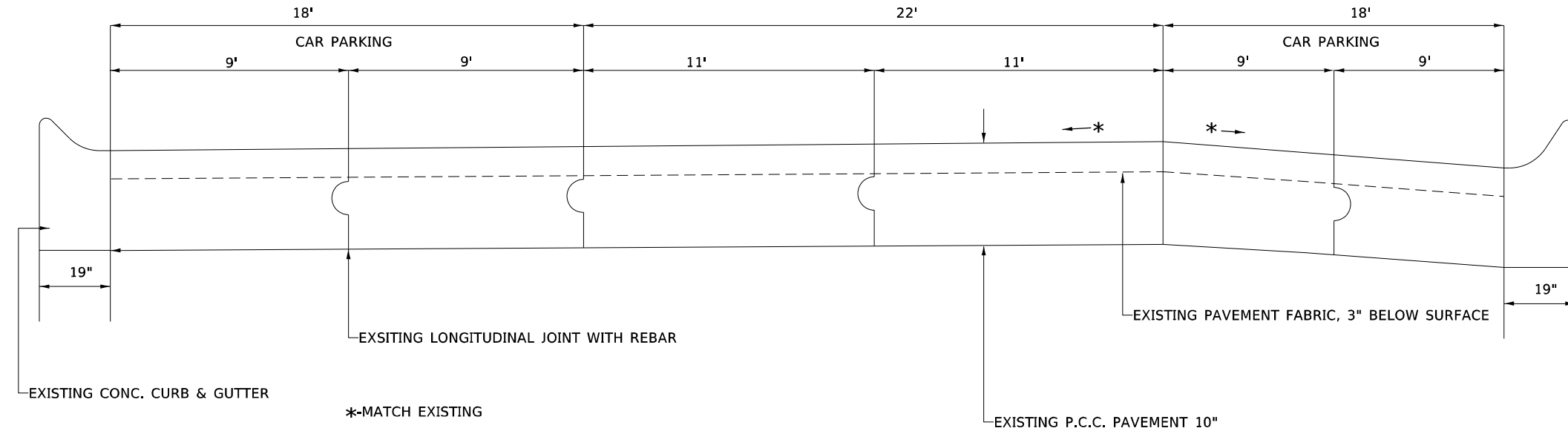
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTION

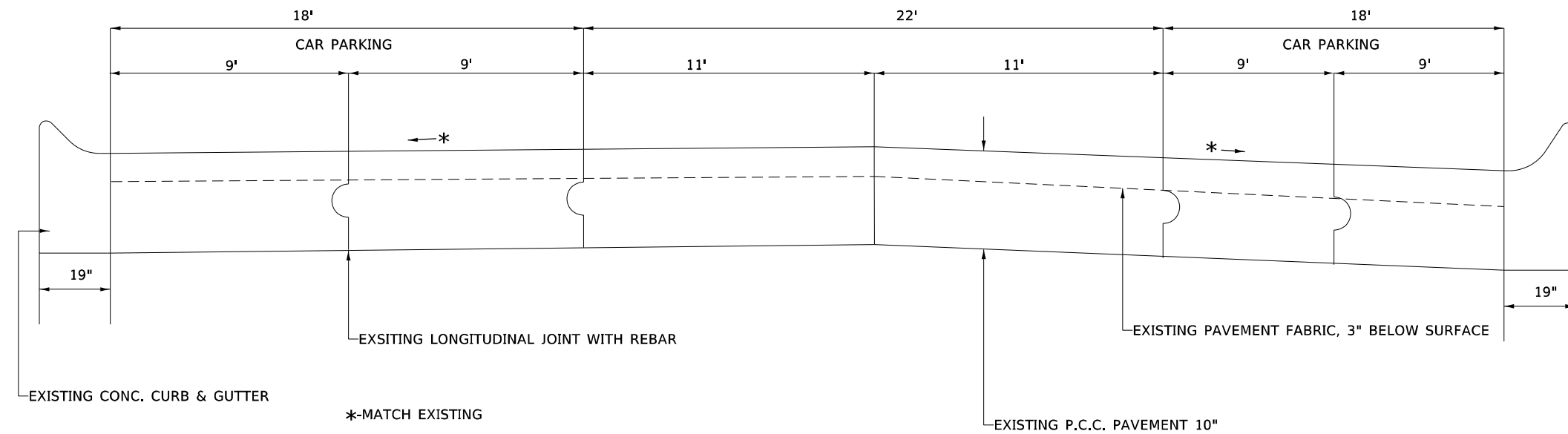
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	FRANKLIN	13	6
CONTRACT NO. 78951				

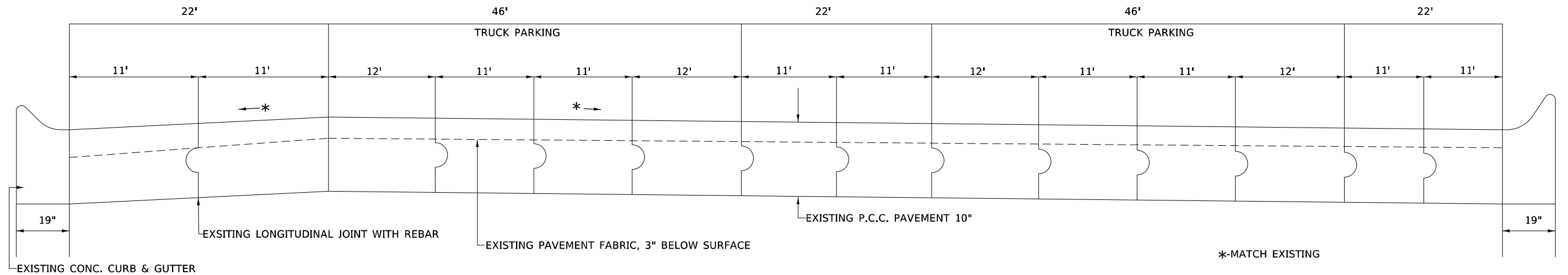
SOUTHBOUND THRU CAR PARKING AREA



SOUTHBOUND THRU CAR PARKING AREA



SOUTHBOUND THRU TRUCK PARKING AREA



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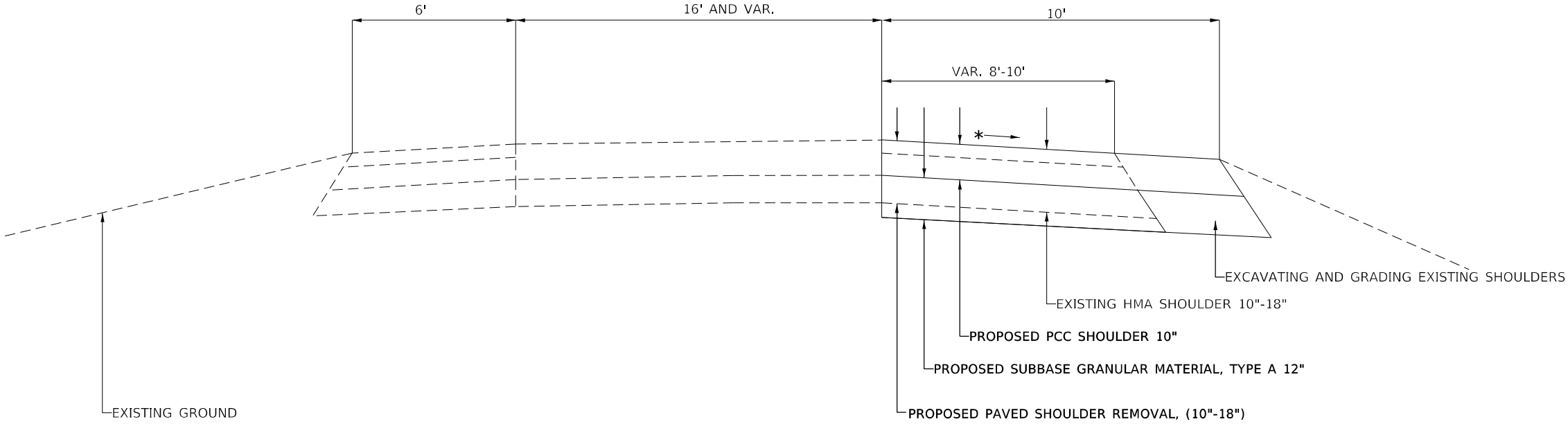
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTION

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	FRANKLIN	13	7
CONTRACT NO. 78951				
ILLINOIS FED. AID PROJECT				

NORTHBOUND AND SOUTHBOUND REST AREA RAMPS



*-MATCH EXISTING

SB REST AREA
 EXIT RAMP- OUTSIDE SHOULDER FROM THE GUARDRAIL AT THE OVERHEAD SIGN STRUCTURE TO CURB AND GUTTER (IN DIRECTION OF TRAVEL)

NB REST AREA
 EXIT RAMP- OUTSIDE SHOULDER 545' FROM CURB AND GUTTER SECTION TOWARDS I-57 MAINLINE.
 ENTRANCE RAMP- OUTSIDE SHOULDER FROM SECOND CIRCLE DRIVE ENTRANCE FOR 300' TOWARDS I-57 MAINLINE.

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SCALE: SHEET OF SHEETS STA. TO STA.				ILLINOIS FED. AID PROJECT CONTRACT NO. 78951					

PROJECT TOTALS

	CLASS B PATCHES TY I, 10"	CLASS B PATCHES TY II, 10"	CLASS B PATCHES TY III, 10"	CLASS B PATCHES TY IV, 10"	TIE BARS 3/4"	WELDED WIRE REINFORCEMENT	DOWEL BARS 1 1/2"	SAW CUTS
	SQ YD	SQ YD	SQ YD	SQ YD	EACH	SQ YD	EACH	FT
Northbound		245	64	290	96	354	690	2571
Southbound	14	676	89	379	107	467	1825	5696
TOTAL	14	921	153	669	203	821	2515	8267

NORTHBOUND REST AREA

WIDTH	LENGTH	AREA	CLASS B PATCHES, TY I, 10"	CLASS B PATCHES, TY II, 10"	CLASS B PATCHES, TY III, 10"	CLASS B PATCHES, TY IV, 10"	TIE BARS 3/4"	WELDED WIRE REINFORCEMENT	DOWEL BARS 1-1/2"	SAW CUTS
FT	FT	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	EACH	SQ YD	EACH	EACH
16	6	11	.	11	.	.	.	.	28	66
16	6	11	.	11	.	.	.	.	28	66
16	100	178	.	.	.	178	50	178	28	348
16	6	11	.	11	.	.	.	.	28	66
16	6	11	.	11	.	.	.	.	28	66
11	6	7	.	7	.	.	.	.	18	51
11	6	7	.	7	.	.	.	.	18	51
11	6	7	.	7	.	.	.	.	18	51
11	10	12	.	12	.	.	.	.	18	63
11	6	7	.	7	.	.	.	.	18	51
11	6	7	.	7	.	.	.	.	18	51
11	6	7	.	7	.	.	.	.	18	51
11	6	7	.	7	.	.	.	.	18	51
11	6	7	.	7	.	.	.	.	18	51
11	6	7	.	7	.	.	.	.	18	51
11	6	7	.	7	.	.	.	.	18	51
11	18	22	.	.	22	.	.	22	18	87
11	6	7	.	7	.	.	.	.	18	51
11	6	7	.	7	.	.	.	.	18	51
11	6	7	.	7	.	.	.	.	18	51
11	6	7	.	7	.	.	.	.	18	51
11	6	7	.	7	.	.	.	.	18	51
11	6	7	.	7	.	.	.	.	18	51
11	6	7	.	7	.	.	.	.	18	51
11	6	7	.	7	.	.	.	.	18	51
11	35	43	.	.	.	43	18	43	18	138
11	35	43	.	.	.	43	18	43	18	138
11	6	7	.	7	.	.	.	.	18	51
11	6	7	.	7	.	.	.	.	18	51
11	6	7	.	7	.	.	.	.	18	51
11	6	7	.	7	.	.	.	.	18	51
11	6	7	.	7	.	.	.	.	18	51
11	6	7	.	7	.	.	.	.	18	51
11	6	7	.	7	.	.	.	.	18	51
11	14	17	.	.	17	.	.	17	18	75
16	8	14	.	14	.	.	.	.	28	72
16	8	14	.	14	.	.	.	.	28	72
11	20	24	.	.	24	.	.	24	18	93
11	22	27	.	.	.	27	11	27	18	99
NORTHBOUND TOTALS			.	245	64	290	96	354	690	2571

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PLOT DATE = 3/25/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PATCHING SCHEDULE

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	FRANKLIN	13	9
			CONTRACT NO. 78951	
		ILLINOIS	FED. AID PROJECT	

SOUTHBOUND REST AREA

WIDTH	LENGTH	AREA	CLASS B PATCHES, TY I, 10"	CLASS B PATCHES, TY II, 10"	CLASS B PATCHES, TY III, 10"	CLASS B PATCHES, TY IV, 10"	TIE BARS 3/4"	WELDED WIRE REINFORCEMENT	DOWEL BARS 1-1/2"	SAW CUTS
FT	FT	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	EACH	SQ YD	EACH	FT
16	6	11	.	11	.	.	.	.	28	66
16	6	11	.	11	.	.	.	.	28	66
16	6	11	.	11	.	.	.	.	28	66
16	53	94	.	.	.	94	27	94	28	207
16	25	44	.	.	.	44	13	44	28	123
16	25	44	.	.	.	44	13	44	28	123
16	6	11	.	11	.	.	.	.	28	66
25	56	156	.	.	.	156	28	156	46	243
16	6	11	.	11	.	.	.	.	28	66
16	6	11	.	11	.	.	.	.	28	66
16	6	11	.	11	.	.	.	.	28	66
11	6	7	.	7	.	.	.	.	18	51
11	6	7	.	7	.	.	.	.	18	51
11	6	7	.	7	.	.	.	.	18	51
11	11	13	.	13	.	.	.	.	18	66
11	6	7	.	7	.	.	.	.	18	51
11	6	7	.	7	.	.	.	.	18	51
11	6	7	.	7	18	51
11	6	7	.	7	18	51
11	6	7	.	7	18	51
11	6	7	.	7	18	51
11	6	7	.	7	18	51
11	6	7	.	7	18	51
11	6	7	.	7	18	51
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11	6	7	.	7	18	51
11	6	7	.	7	18	51
11	6	7	.	7	18	51
11	6	7	.	7	18	51
11	6	7	.	7	18	51
8	22	20	.	.	20	.	11	20	12	90
8	13	12	.	12	12	63
7.5	6	5	5	5	.	.	.	.	11	41
11	33	40	.	.	.	40	17	40	18	132
11	10	12	.	12	.	.	.	.	18	63
6	8	5	.	5	.	.	.	.	8	42
16	6	11	.	11	28	66
11	6	7	.	7	18	51
11	6	7	.	7	18	51
11	17	21	.	.	21	.	.	21	18	84
11	6	7	.	7	18	51
11	6	7	.	7	18	51

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PLOT DATE = 3/25/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PATCHING SCHEDULE

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	FRANKLIN	13	10
CONTRACT NO. 78951				

NB RAMP SHOULDER SCHEDULE

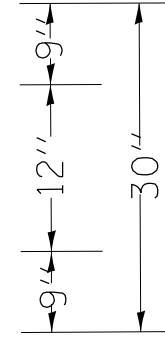
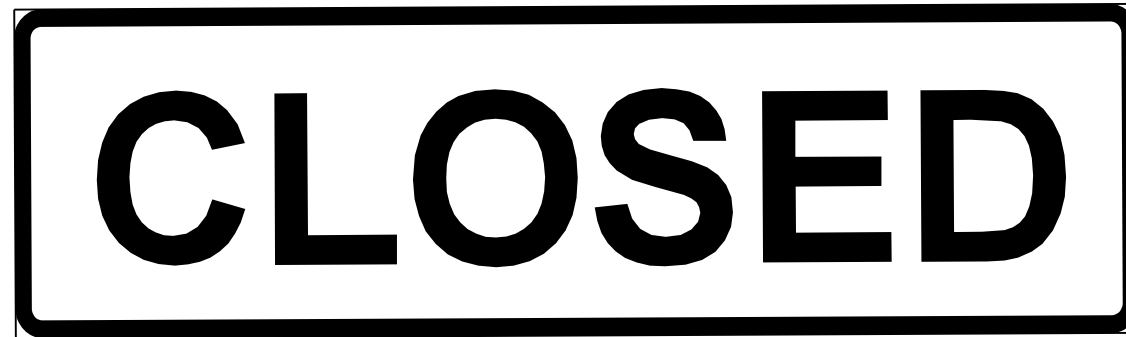
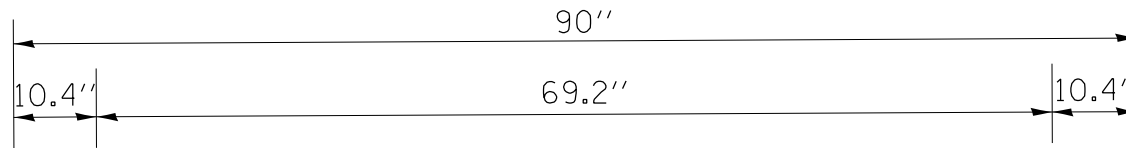
LOCATION STATION TO STATION	EXIST. SHOULDER LENGTH (INFO ONLY)	EXIST. HMA SHOULDER WIDTH (INFO ONLY)	EXIST. AGG SHOULDER WIDTH (INFO ONLY)	PCC SHOULDERS, (10")	TIE BARS 3/4"	WELDED WIRE REINFORCEMENT	PAVED SHOULDER REMOVAL	EXCAVATING & GRADING EXISTING SHOULDER	SUBBASE GRANULAR MATERIAL, TYPE A 12"
	FOOT	FOOT	FOOT	SQ YD	EACH	SQ YD	SQ YD	UNIT	SQ YD
I57 NORTHBOUND REST AREA									
NORTHBOUND ENTRANCE RAMP									
	300	6	4	334	150	1508	200	3	334
NORTHBOUND EXIT RAMP									
	24	1	4	27	12	27	3	1	27
	521	6	4	579	261	1099	348	6	579
PROJECT TOTALS				940	423	2634	551	10	940

SB RAMP SHOULDER SCHEDULE

LOCATION STATION TO STATION	EXIST. SHOULDER LENGTH (INFO ONLY)	EXIST. HMA SHOULDER WIDTH (INFO ONLY)	EXIST. AGG SHOULDER WIDTH (INFO ONLY)	PCC SHOULDERS, (10")	TIE BARS 3/4"	WELDED WIRE REINFORCEMENT	PAVED SHOULDER REMOVAL	EXCAVATING & GRADING EXISTING SHOULDER	SUBBASE GRANULAR MATERIAL, TYPE A 12"
	FOOT	FOOT	FOOT	SQ YD	EACH	SQ YD	SQ YD	UNIT	SQ YD
I57 SOUTHBOUND REST AREA									
SOUTHBOUND EXIT RAMP									
	20	1	4	23	0	23	3	1	23
	740	6	4	823	370	823	494	8	823
	50	10		56	25	56	56	1	56
SB PROJECT TOTALS				902	395	902	553	10	902
NB PROJECT TOTALS				940	423	2634	551	10	940
PROJECT TOTALS				1842	818	3536	1104	20	1842

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				SCALE: SHEET OF SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT		



3.0" RADIUS, 1.0" BORDER, BLACK ON FLUORESCENT ORANGE;
"CLOSED" E MOD 2K

	C		L		O		S		E		D	
10.4	9.8	2.6	8.9	1.4	10.1	2.5	9.7	3.0	8.9	2.5	9.8	10.4

A ROAD CLOSED SIGN (R11-2) SHALL
BE USED ON A TYPE III BARRICADE LOCATED ON
THE I-57 EXIT RAMP @ NORTHBOUND AND SOUTHBOUND AREAS

TO BE SECURELY FASTENED USING RIVETS OVER REST AREA SIGNS LOCATED ON I-57.

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				SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT CONTRACT NO. 78951		