

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

**PROPOSED  
HIGHWAY PLANS**

F.A.I. ROUTE 57 (I-57)  
SECTION D5 REST AREA REPAIR 2016-1

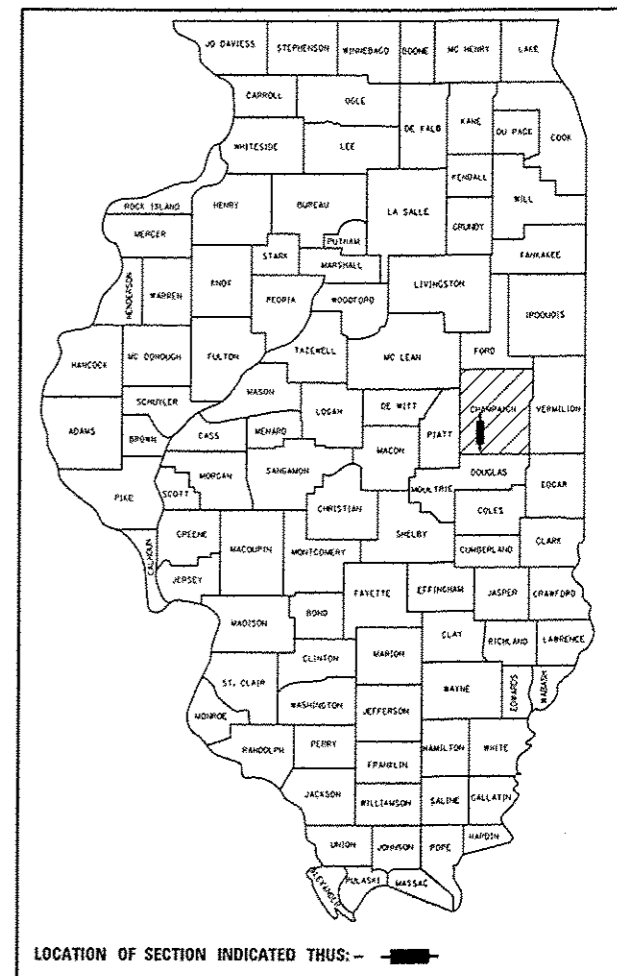
REST AREA IMPROVEMENT PATCHING  
CHAMPAIGN COUNTY

C-95-014-16

ILLINI PRAIRIE REST AREAS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	CHAMPAIGN	22	1
		ILLINOIS	CONTRACT NO. 70B76	
*D5 REST AREA REPAIR 2016-1				

D-95-014-16



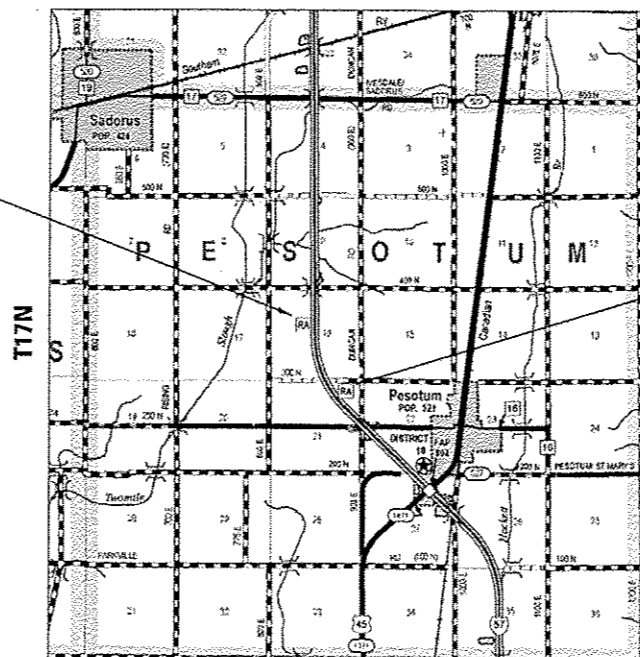
LOCATION OF SECTION INDICATED THUS: — ■ —

FOR INDEX OF SHEETS, SEE SHEET NO. 2

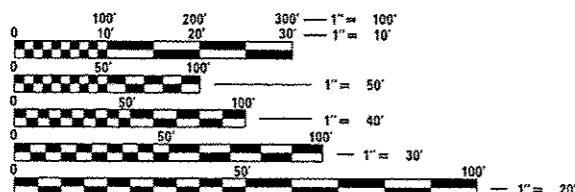
CURRENT TRAFFIC DATA
N/A

DESIGN DESIGNATION
N/A

PROPOSED REST AREA REPAIR  
SOUTHBOUND REST AREA



PROPOSED REST AREA REPAIR  
NORTHBOUND REST AREA



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 EXCAVATION  
1-800-892-0123  
OR 811 PESOTUM TOWNSHIP

PROJECT ENGINEER: JASON STULTS (217)-465-4181  
PROJECT MANAGER: RUSTIN KEYS  
DESIGNER: KARY DAWSON  
CONTRACT NO. 70B76

GROSS & NET LENGTH = N/A

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
SUBMITTED JANUARY 25, 2016  
Kenneth A. Garrott  
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER *ckb*  
March 10, 2016  
Maurice M. Addis, P.E.  
ENGINEER OF DESIGN AND ENVIRONMENT  
March 10, 2016  
Omer Osman, P.E.  
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

## INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS, GENERAL NOTES & LIST OF HIGHWAY STANDARDS
3	SUMMARY OF QUANTITIES
4-5	EXISTING TYPICAL SECTIONS
6-8	SCHEDULE OF QUANTITIES
9-14	PLAN VIEW NORTHBOUND REST AREA
15-20	PLAN VIEW SOUTHBOUND REST AREA
21	REST AREA RAMP CLOSURE DETAIL
22	ENTRANCE DETAIL

## HIGHWAY STANDARDS

STANDARD NO.	DESCRIPTION
000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
420001-08	PAVEMENT JOINTS
420701-03	PAVEMENT WELDED WIRE REINFORCEMENT
442101-07	CLASS B PATCHES
606001-06	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701901-05	TRAFFIC CONTROL DEVICES

## GENERAL NOTES

G.N.-100  
ENGLISH UNITS OF MEASUREMENT SHALL GOVERN OVER AND SUPERSEDE ANY METRIC UNITS SHOWN IN THIS CONTRACT. WHERE INCLUDED, METRIC UNITS ARE FOR INFORMATION ONLY.

G.N.-100A  
ELECTRONIC FILES AND/OR ELECTRONIC SURVEY INFORMATION INCLUDING CADD FILES WILL NOT BE AVAILABLE TO THE CONTRACTOR.

G.N.-105.07B  
EXISTING STATE-OWNED AND MAINTAINED UTILITY LINES ARE SHOWN ON THE PLANS TO INDICATE THEIR PRESENCE AND APPROXIMATE LOCATION. THE CONTRACTOR SHALL SECURE AN APPROVED LOCATING FIRM TO LOCATE STATE-OWNED UTILITIES PRIOR TO COMMENCING ANY EXCAVATION IN THE VICINITY OF THESE LINES IN ACCORDANCE TO SECTION 803 OF THE STANDARD SPECIFICATIONS. SHOULD ANY OF THE LINES BE DAMAGED BY THE CONTRACTOR'S OPERATION, THE CONTRACTOR SHALL REPAIR THEM TO THE SATISFACTION OF THE ENGINEER AT NO COST TO THE STATE.

ALSO THERE MAY BE UTILITIES PRESENT WHICH WERE INSTALLED BY THE STATE BUT ARE MAINTAINED BY OTHERS (CITY, TOWN, ETC.). THE APPROXIMATE LOCATIONS OF THESE LINES ARE ALSO SHOWN ON THE PLANS ALONG WITH THE NAME OF THE MAINTAINING AGENCY. THE CONTRACTOR SHALL COORDINATE THE LOCATION OF THESE LINES WITH THE LOCAL AGENCY PRIOR TO COMMENCING ANY EXCAVATION OR BORING IN THEIR VICINITY. SHOULD THESE LINES BE DAMAGED BY THE CONTRACTOR'S OPERATIONS, THE CONTRACTOR SHALL REPAIR THEM TO THE SATISFACTION OF, AND AT NO COST TO, THE LOCAL AGENCY AND THE STATE.

G.N.-105.09A  
ALL ELEVATIONS SHOWN IN THE PLANS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. (NAVD 88)

G.N.-107.37  
UTILITY LINES WERE PLOTTED FROM INFORMATION FURNISHED BY THE VARIOUS UTILITY COMPANIES INVOLVED (QUALITY LEVEL C &/OR QUALITY LEVEL D) AND THE ACCURACY SHOULD BE CONSIDERED APPROXIMATE ONLY.

UTILITY COMPANIES MAY BE ADJUSTING THEIR FACILITIES DURING CONSTRUCTION. THE CONTRACTOR SHALL COOPERATE WITH THESE ORGANIZATIONS WHILE THESE ADJUSTMENTS ARE BEING PERFORMED. J.U.L.I.E. - JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS SYSTEM (800) 892-0123 OR 811.

G.N.-440B  
THE EXISTING TIE BARS BETWEEN THE EXISTING PAVEMENT AND EXISTING MEDIANS, GUTTERS AND/OR COMBINATION CURB AND GUTTERS THAT ARE FOUND SUITABLE FOR REUSE SHALL BE CLEANED, STRAIGHTENED AND INCORPORATED INTO THE NEW CONSTRUCTION. ANY EXISTING TIE BARS THAT ARE FOUND UNSUITABLE TO BE INCORPORATED INTO THE PROPOSED CONSTRUCTION DUE TO EXCESSIVE RUSTING OR DISTRESS SHALL BE REMOVED FLUSH WITH THE FACE OF THE EXISTING CONCRETE AND DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT-OF-WAY IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS.

THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE VARIOUS REMOVAL PAY ITEMS AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

G.N.-442B - PATCHING SCHEDULES  
THE PATCHING SCHEDULES INCLUDED IN THE PLANS REPRESENT THE BEST INFORMATION AVAILABLE AT THE TIME OF COMPLETION OF THE PLANS FOR LETTING. VARIATIONS IN LOCATION AND SIZES OF BOTH FULL-DEPTH AND PARTIAL-DEPTH PATCHES MAY OCCUR.

G.N.-1004.01  
COARSE AGGREGATE GRADATION CA-10 MAY BE USED WHENEVER COARSE AGGREGATE CA-6 IS SPECIFIED IN THE STANDARD SPECIFICATIONS.

### PLAN NOTES:

THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING MATERIALS.

ALL WORK MUST BE COMPLETE AND THE REST AREA OPEN PRIOR TO THE CONTRACTOR BEGINNING WORK AT THE OTHER REST AREA LOCATION. AT NO TIME SHALL THE CONTRACTOR BE ALLOWED TO WORK ON BOTH LOCATIONS AT THE SAME TIME.

THERE ARE NO COMMITMENTS ASSOCIATED WITH THIS PROJECT.

\* D5 REST AREA REPAIR 2016-1

FILE NAME =	USER NAME = dswsonkb	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INDEX OF SHEETS, GENERAL NOTES &amp; HIGHWAY STANDARDS</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
path\NLR224EB10\INTEG\illinois.gov\1007\08		Documents\DOT Offices\District 5\Projects\057	Drawings\Design\0270876\ent-gennata			57	*	CHAMPAIGN	22	2	
	PLOT SCALE = 48,2882' / in.	CHECKED -	REVISED -					CONTRACT NO. 70B76			
	PLOT DATE = 1/22/2016	DATE -	REVISED -					ILLINOIS FED. AID PROJECT			
						SCALE: _____		SHEET _____ OF _____ SHEETS		STA. _____ TO STA. _____	

# SUMMARY OF QUANTITIES

LOCATION OF WORK: FAI 57 (I-57)  
 RURAL INTERSTATE  
 REST AREA REPAIR  
 AT ILLINI PRAIRIE REST AREAS  
 CHAMPAIGN COUNTY

FUNDING: 100% STATE  
 CONSTRUCTION TYPE CODE: 0005

TOTAL

CODE NO	ITEM	UNIT	QUANTITY
20200100	EARTH EXCAVATION	CU YD	15.0
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	128.0
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	4.0
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	10.0
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	1,333.5
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	17.0
44000600	SIDEWALK REMOVAL	SQ FT	1,122.0
44200050	WELDED WIRE REINFORCEMENT	SQ YD	752.0
44200934	CLASS B PATCHES, TYPE II, 8 INCH	SQ YD	216.0
44200942	CLASS B PATCHES, TYPE III, 8 INCH	SQ YD	82.0
44200944	CLASS B PATCHES, TYPE IV, 8 INCH	SQ YD	318.0
44200970	CLASS B PATCHES, TYPE II, 10 INCH	SQ YD	169.0
44200974	CLASS B PATCHES, TYPE III, 10 INCH	SQ YD	36.0
44200976	CLASS B PATCHES, TYPE IV, 10 INCH	SQ YD	316.0

\* SPECIALTY ITEMS

LOCATION OF WORK: FAI 57 (I-57)  
 RURAL INTERSTATE  
 REST AREA REPAIR  
 AT ILLINI PRAIRIE REST AREAS  
 CHAMPAIGN COUNTY

FUNDING: 100% STATE  
 CONSTRUCTION TYPE CODE: 0005

TOTAL

CODE NO	ITEM	UNIT	QUANTITY
44201299	DOWEL BARS 1 1/2"	EACH	1,546.0
44213198	TIE BARS 1/2"	EACH	782.0
44213200	SAW CUTS	FOOT	5,510.0
60605900	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-9,12	FOOT	17.0
67100100	MOBILIZATION	LSUM	1.0
X0326864	BRICK SIDEWALK REMOVAL	SQ FT	212.0
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LSUM	1.0
X1700014	SAWCUT CURB	FOOT	38.0

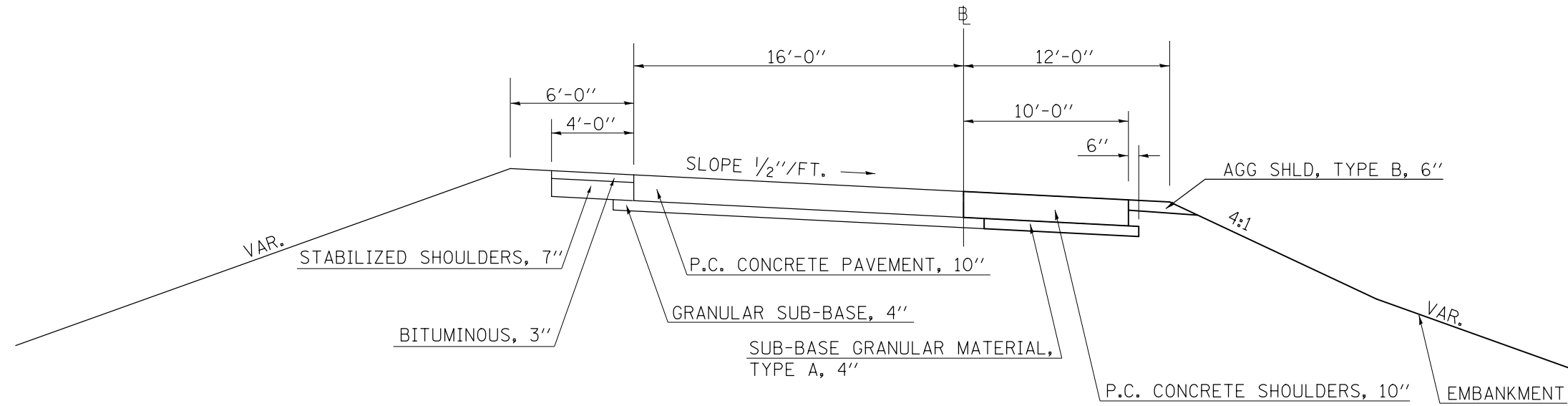
\* SPECIALTY ITEMS

\* D5 REST AREA REPAIR 2016-1

# EXISTING TYPICAL SECTION

## ENTRANCE AND EXIT RAMPS

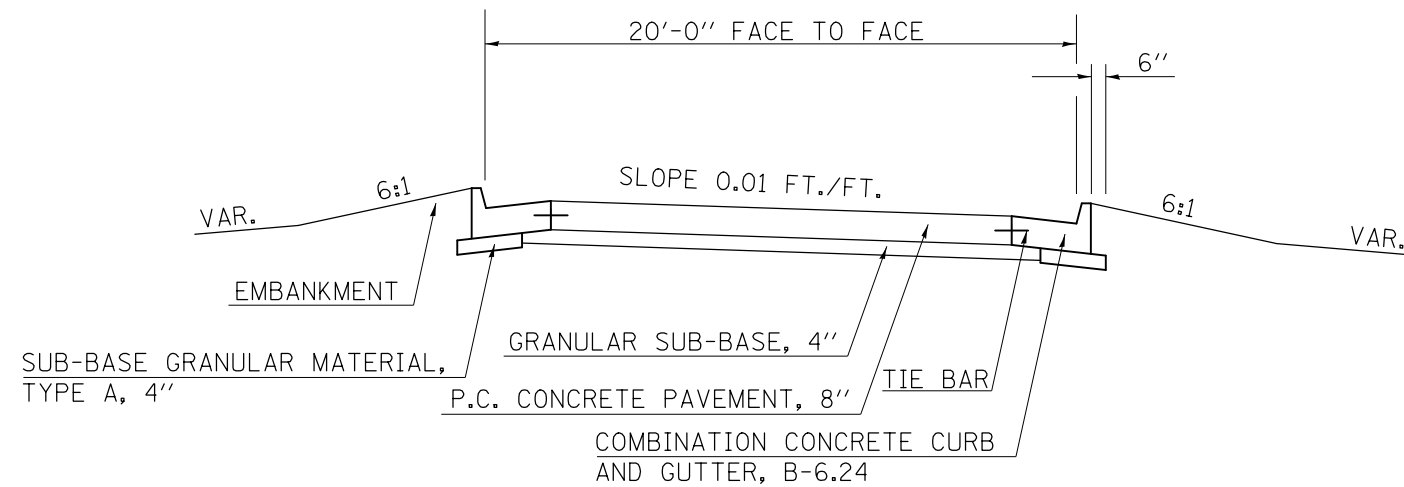
	STATION	TO	STATION
(NORTHBOUND)	187+62.32		195+00.00
(SOUTHBOUND)	127+35.05		133+26.70
(NORTHBOUND)	206+24.14		212+41.75
(SOUTHBOUND)	144+66.70		150+10.93



# EXISTING TYPICAL SECTION

## ONSITE CAR LOT DRIVES

	STATION	TO	STATION
(NORTHBOUND)	195+00.00		200+00.00
(SOUTHBOUND)	134+00.00		136+73.93
(NORTHBOUND)	203+00.49		205+40.35
(SOUTHBOUND)	139+53.41		144+66.70



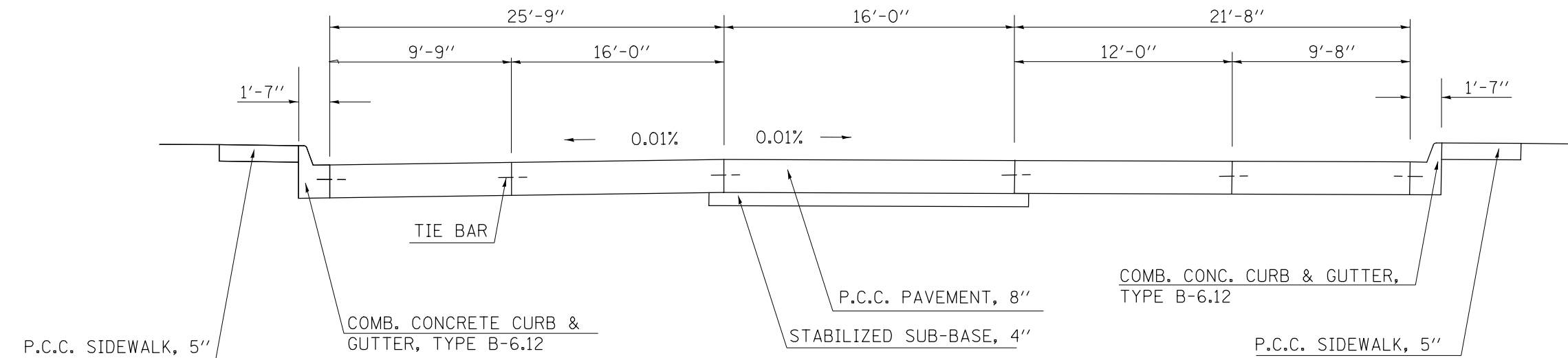
•05 REST AREA REPAIR 2016-1

FILE NAME =	USER NAME = dawsonkb	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>EXISTING TYPICAL SECTIONS</b>				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -						CONTRACT NO. 70B76						
*MODELNAME*	PLOT DATE = 1/22/2016	DATE -	REVISED -						ILLINOIS FED. AID PROJECT						

# EXISTING TYPICAL SECTION

## ONSITE CAR PARKING LOTS

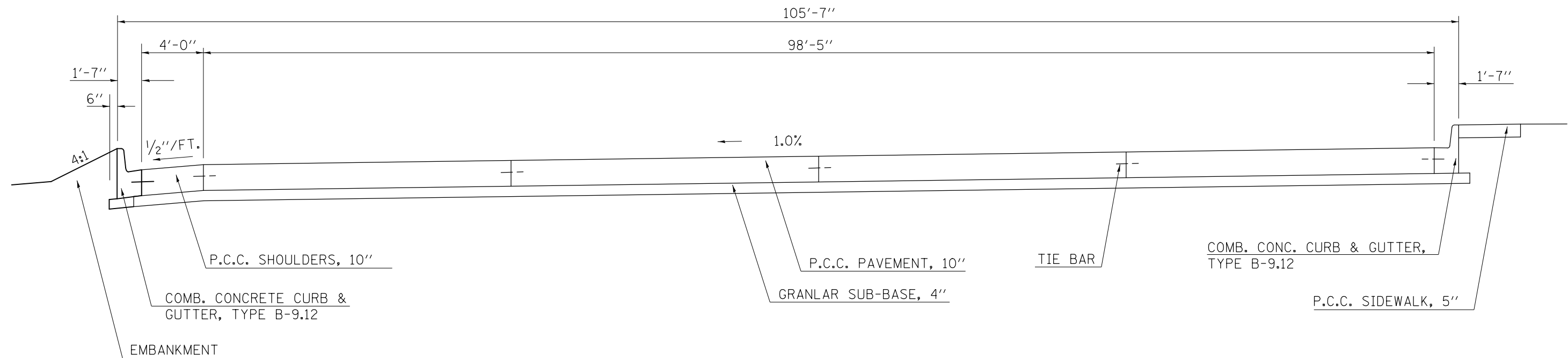
STATION TO STATION  
 (NORTHBOUND) 200+00.00 203+00.49  
 (SOUTHBOUND) 136+85.00 139+46.00



# EXISTING TYPICAL SECTION

## SOUTHBOUND ONSITE TRUCK PARKING LOT

STATION TO STATION  
 (F.A.I. 57) 233+64.00 241+27.55



FILE NAME =				USER NAME = dawsonkb				DESIGNED -				REVISED -				STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				EXISTING TYPICAL SECTIONS				F.A.I. 57		SECTION		COUNTY		TOTAL SHEETS		SHEET NO.	
PLOT SCALE = 40.0000' / in.				CHECKED -				REVISED -				57		•										CHAMPAIGN		22		5					
PLOT DATE = 1/22/2016				DATE -				REVISED -				SCALE:												SHEET		OF		SHEETS		STA.		TO STA.	
#MODELNAME#																								ILLINOIS FED. AID PROJECT									

•D5 REST AREA REPAIR 2016-1

CONTRACT NO. 70B76

**SCHEDULE OF QUANTITIES**

**SUBBASE, SIDEWALK, CURB & ENTRANCE ITEMS BY LOCATION**

LOCATION NUMBER	EARTH EXCAVATION (CU YD) 20200100	SUBBASE GRAN MATL, TYPE B 4" (SQ YD) 31101200	AGGREGATE SURFACE COURSE, TYPE B (TON) 40200800	P.C.C. DRIVEWAY PAVEMENT, 8" (SQ YD) 42300400	PCC SIDEWALK 4" (SQ FT) 42400100	COMBINATION CURB AND GUTTER REM. (FOOT) 44000500	SIDEWALK REMOVAL (SQ FT) 44000600	CCC&G TYPE B-9.12 (FOOT) 60605900	BRICK SIDEWALK REMOVAL (SQ FT) X0326864	SAWCUT CURB (FT) XX006064
LOCATION #1 SB					211.3				211.3	
LOCATION #2 SB	0.3	3.0				17.0		17.0		
LOCATION #3 SB	7.0	63.3			570.0		570.0			
LOCATION #4 SB	1.1	10.0			90.0		90.0			
LOCATION #5 SB	5.7	51.3			462.0		462.0			
LOCATION #6 SB			4.1	9.5						38.0
TOTALS	14.1	127.6	4.1	9.5	1,333.3	17.0	1,122.0	17.0	211.3	38.0
USE	15.0	128.0	4.0	10.0	1,333.5	17.0	1,122.0	17.0	212.0	38.0

**SCHEDULE OF QUANTITIES**

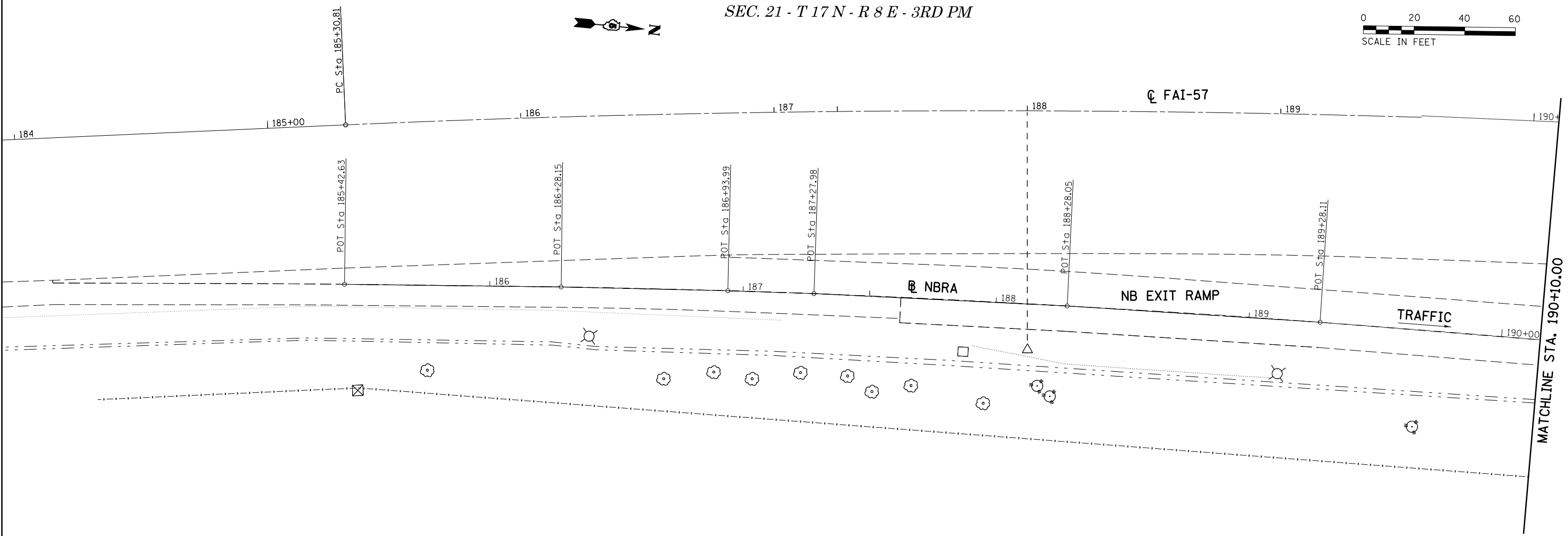
**CLASS B PATCHING 8"**

STATION	OFFSET	LOCATION	LENGTH	WIDTH	TYPE II	TYPE III	TYPE IV	DOWEL BARS 1 1/2"	SAW CUTS	TIE BARS, 1 1/2"	WELDED WIRE REINFORCEMENT
			(FT)	(FT)	44200934 (SQ. YD.)	44200942 (SQ. YD.)	44200944 (SQ. YD.)	44201299 (EACH)	44213200 (FT)	44213198 (EACH)	44200050 (SQ. YD.)
<b>NORTHBOUND</b>											
195+15.00		CAR EXIT RAMP	6	16	10.7			28.0	66.0		
195+33.00		CAR EXIT RAMP	6	16	10.7			28.0	66.0		
196+05.00		CAR EXIT RAMP	6	16	10.7			28.0	66.0		
199+09.00		CAR EXIT RAMP	6	16	10.7			28.0	66.0		
199+49.00		CAR EXIT RAMP	6	16	10.7			28.0	66.0		
199+68.00		CAR EXIT RAMP	6	16	10.7			28.0	66.0		
200+45.00	LT 16'	CAR PARK LOT	89	6			59.3	24.0	285.0	89.0	59.3
200+48.00	RT 10'	CAR PARK LOT	57	6			38.0	16.0	189.0	57.0	38.0
200+56.00	RT 10'	CAR PARK LOT	8	9	8.0			14.0	51.0		
200+75.00	RT 10'	CAR PARK LOT	6	12	8.0			20.0	54.0		
202+54.00	LT 16'	CAR PARK LOT	90	6			60.0	24.0	288.0	90.0	60.0
202+76.00	LT 25'	CAR PARK LOT	6	8	5.3			12.0	42.0		
203+80.00		CAR ON RAMP	6	16	10.7			28.0	66.0		
204+12.00		CAR ON RAMP	6	16	10.7			28.0	66.0		
204+53.00		CAR ON RAMP	6	16	10.7			28.0	66.0		
<b>NB SUB-TOTALS</b>					<b>117.3</b>	<b>0.0</b>	<b>157.3</b>	<b>362.0</b>	<b>1503.0</b>	<b>236.0</b>	<b>157.3</b>
<b>SOUTHBOUND</b>											
140+43.00		CAR EXIT RAMP	21	16			37.3	42.0	111.0	21.0	37.3
140+20.00		CAR PARK LOT	6	16	10.7			28.0	66.0		
139+80.00	RT 16'	CAR PARK LOT	30	6		20.0		12.0	108.0	30.0	20.0
139+70.00		CAR PARK LOT	6	16	10.7			28.0	66.0		
138+58.00		CAR PARK LOT	6	35		23.3		66.0	123.0		23.3
138+28.00		CAR PARK LOT	65	6			43.3	20.0	213.0	65.0	43.3
137+92.00		CAR PARK LOT	6	16	10.7			28.0	66.0		
137+85.00	RT 16'	CAR PARK LOT	65	6			43.3	20.0	213.0	65.0	43.3
137+80.00		CAR PARK LOT	6	16	10.7			28.0	66.0		
137+53.00		CAR PARK LOT	55	6			36.7	16.0	183.0	55.0	36.7
137+22.00		CAR PARK LOT	6	16	10.7			28.0	66.0		
137+00.00		CAR PARK LOT	33	6		22.0		12.0	117.0	33.0	22.0
137+00.00	RT 25'	CAR PARK LOT	25	6		16.7		12.0	93.0	25.0	16.7
136+90.00	RT 16'	CAR PARK LOT	15	6	10.0			8.0	63.0		
136+68.00		CAR PARK LOT	6	16	10.7			28.0	66.0		
135+34.00		CAR ON RAMP	21	6	14.0			12.0	81.0	21.0	
134+55.00		CAR ON RAMP	6	16	10.7			28.0	66.0		
<b>SB SUB-TOTALS</b>					<b>98.7</b>	<b>82.0</b>	<b>160.6</b>	<b>416.0</b>	<b>1767.0</b>	<b>315.0</b>	<b>242.6</b>
<b>TOTAL</b>					<b>216.0</b>	<b>82.0</b>	<b>317.9</b>	<b>778.0</b>	<b>3270.0</b>	<b>551.0</b>	<b>399.9</b>
<b>USE</b>					<b>216.0</b>	<b>82.0</b>	<b>318.0</b>	<b>778.0</b>	<b>3270.0</b>	<b>551.0</b>	<b>400.0</b>

**SCHEDULE OF QUANTITIES**  
**CLASS B PATCHING 10"**

STATION	OFFSET	LOCATION	LENGTH	WIDTH	TYPE II	TYPE III	TYPE IV	DOWEL BARS	SAW CUTS	TIE BARS,	WELDED	
								1 1/2"		1/2"		
											REINFORCEMENT	
			(FT)	(FT)	44200970 (SQ. YD.)	44200974 (SQ. YD.)	44200976 (SQ. YD.)	44201299 (EACH)	44213200 (FT)	44213198 (EACH)	44200050 (SQ. YD.)	
<b>SOUTHBOUND</b>		<b>SOUTHBOUND</b>										
240+75.00		TRUCK LOT	40	6			26.7	12.0	138.0	40.0	26.7	
240+10.00		TRUCK LOT	6	16	10.7			28.0	66.0			
239+80.00		TRUCK LOT	6	16	10.7			28.0	66.0			
239+50.00		TRUCK LOT	40	35			155.6	99.0	225.0	40.0	155.6	
239+25.00		TRUCK LOT	6	16	10.7			28.0	66.0			
238+42.00		TRUCK LOT	6	75			50.0	146.0	243.0		50.0	
238+20.00		TRUCK LOT	6	16	10.7			28.0	66.0			
237+30.00		TRUCK LOT	6	16	10.7			28.0	66.0			
236+80.00		TRUCK LOT	8	6	5.3			8.0	42.0			
236+71.00		TRUCK LOT	6	16	10.7			28.0	66.0			
236+32.00		TRUCK LOT	6	18.5	12.3			33.0	73.5			
236+22.00		TRUCK LOT	12	14		18.7		24.0	78.0		18.7	
236+10.00		TRUCK LOT	6	16	10.7			28.0	66.0			
235+10.00		TRUCK LOT	26	6		17.3		12.0	96.0	26.0	17.3	
235+05.00		TRUCK LOT	6	16.5	11.0			29.0	67.5			
235+00.00		TRUCK LOT	6	18.5	12.3			33.0	73.5			
234+62.00		TRUCK LOT	58	6			38.7	16.0	192.0	58.0	38.7	
234+54.00		TRUCK LOT	6	16	10.7			28.0	66.0			
234+32.00		TRUCK LOT	6	16	10.7			28.0	66.0			
234+05.00		TRUCK LOT	6	16	10.7			28.0	66.0			
233+78.00		TRUCK LOT	67	6			44.7	20.0	219.0	67.0	44.7	
133+63.00		ENTRANCE	6	16	10.7			28.0	66.0			
132+98.00		ENTRANCE	6	16	10.7			28.0	66.0			
					<b>SB TOTALS</b>	169.0	36.0	315.6	768.0	2239.5	231.0	351.7
					<b>USE</b>	169.0	36.0	316.0	768.0	2240.0	231.0	352.0





FILE NAME =	USER NAME = dawsonkb	DESIGNED -	REVISED -
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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
*MODELNAME*	PLOT DATE = 1/22/2016	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ILLINI PRAIRIE REST AREA  
(NORTHBOUND)**  
SCALE: 1" = 20' SHEET 1 OF 6 SHEETS STA. 183+90.00 TO STA. 190+10.00

*D5 REST AREA REPAIR 2016-1				
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	•	CHAMPAIGN	22	9
			CONTRACT NO. 70B76	
ILLINOIS FED. AID PROJECT				

FAI-57

SEC. 21 - T 17 N - R 8 E - 3RD PM



MATCHLINE STA. 190+10.00

MATCHLINE STA. 195+85.00

POT STA. 190+28.43

P.C. STA. 190+86.81

NB EXIT RAMP

NBRA

CAR EXIT RAMP

TRAFFIC

TRUCK EXIT RAMP

TRAFFIC



EXIST. CURVE 16  
 PI STA. = 192+88.73  
 $\Delta = 17^\circ 43' 31''$  (RT)  
 $D = 4^\circ 25' 28''$   
 $R = 1,294.96'$   
 $T = 201.92'$   
 $L = 400.61'$   
 $E = 15.65'$   
 $e =$   
 $T.R. =$   
 $S.E. RUN =$   
 $P.C. STA. = 190+86.81$   
 $P.T. STA. = 194+87.43$

EXIST. CURVE 19  
 PI STA. = 195+77.71  
 $\Delta = 38^\circ 05' 00''$  (RT)  
 $D = 62^\circ 11' 46''$   
 $R = 150.00'$   
 $T = 90.28'$   
 $L = 162.54'$   
 $E = 25.07'$   
 $e =$   
 $T.R. =$   
 $S.E. RUN =$   
 $P.C. STA. = 194+87.43$   
 $P.T. STA. = 196+91.43$

MATCHLINE STA. 196+60.00

\*D5 REST AREA REPAIR 2016-1

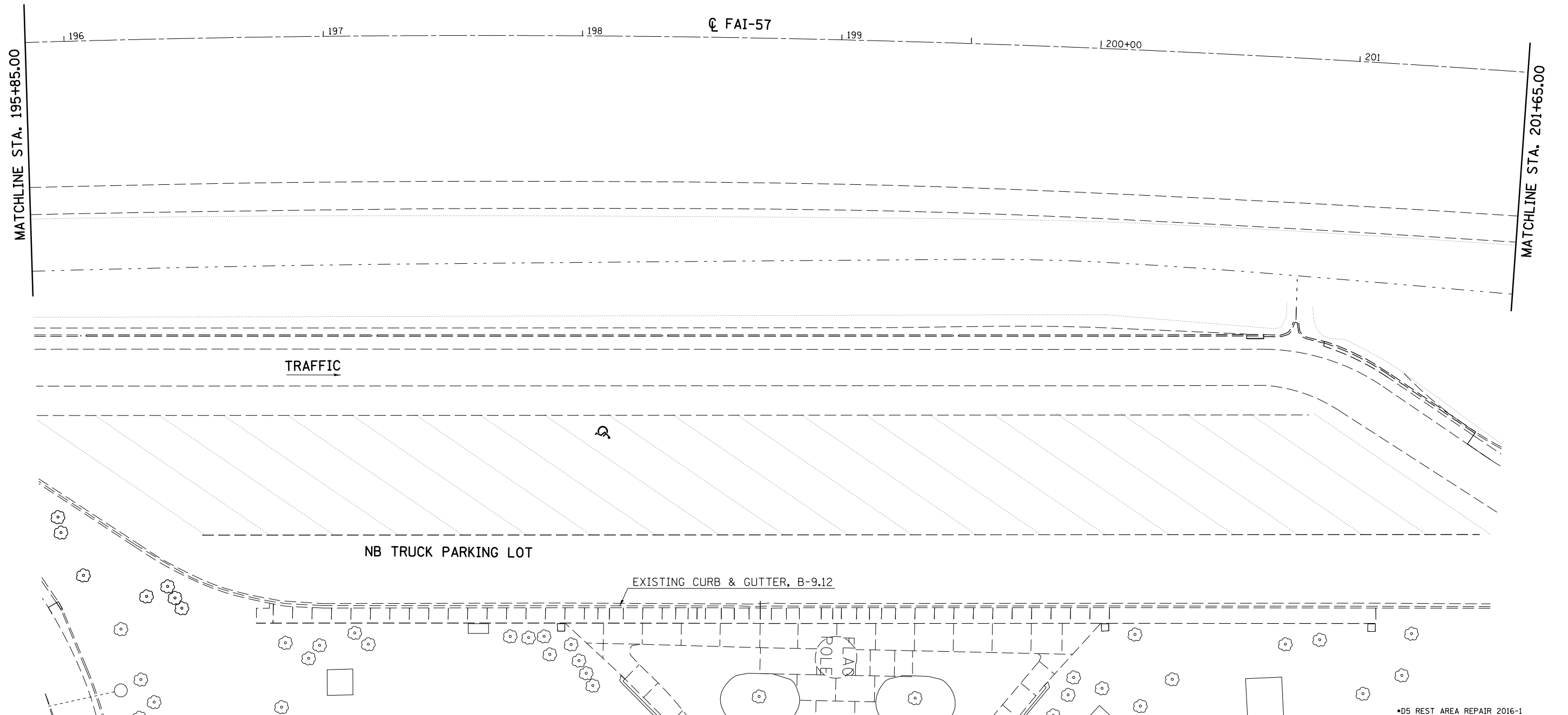
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p:\IL\084EBID\INTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 5\Projects\05776\DRAWING\Design\0570876-shr-plan.dgn		REVISIONS	REVISIONS
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
*MODELNAME*	PLOT DATE = 1/22/2016	DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

ILLINI PRAIRIE REST AREA  
 (NORTHBOUND)

SCALE: 1" = 20' SHEET 2 OF 6 SHEETS STA. 190+10.00 TO STA. 196+10.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	CHAMPAIGN	22	10
			CONTRACT NO. 70B76	
ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME = dawsonkb	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ILLINI PRAIRIE REST AREA (NORTHBOUND)</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 5\Projects\0570876\Drawings\0570876-shr-plan.dgn	DESIGNED -	REVISED -	57					.	CHAMPAIGN	22	11	
\$MODELNAME\$	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 70B76			ILLINOIS FED. AID PROJECT				
	PLOT DATE = 1/22/2016	DATE -	REVISED -		SCALE: 1" = 20'	SHEET 3	OF 6 SHEETS	STA. 195+85.00	TO STA. 201+65.00			

\*D5 REST AREA REPAIR 2016-1

MATCHLINE STA. 196+60.00

EXISTING CURB & GUTTER, B-9.12



MATCHLINE 204+50.00

CAR EXIT RAMP

CAR ON RAMP

TRAFFIC

TRAFFIC

NB CAR PARKING LOT

EXISTING CURB & GUTTER, B-6.12

NBRA

EXIST. CURVE 23  
 PI STA. = 198+96.53  
 $\Delta = 86^\circ 19' 43''$  (LT)  
 $D = 48^\circ 03' 34''$   
 $R = 119.22'$   
 $T = 111.81'$   
 $L = 179.63'$   
 $E = 44.23'$   
 $e =$   
 $T.R. =$   
 $S.E. RUN =$   
 $P.C. STA. = 197+84.71$   
 $P.T. STA. = 199+64.34$

EXIST. CURVE 27  
 PI STA. = 203+79.49  
 $\Delta = 69^\circ 59' 02''$  (LT)  
 $D = 60^\circ 22' 33''$   
 $R = 94.90'$   
 $T = 66.43'$   
 $L = 115.91'$   
 $E = 20.94'$   
 $e =$   
 $T.R. =$   
 $S.E. RUN =$   
 $P.G. STA. = 203+13.06$   
 $P.T. STA. = 204+28.98$

SEC. 21 - T 17 N - R 8 E - 3RD PM

\*D5 REST AREA REPAIR 2016-1

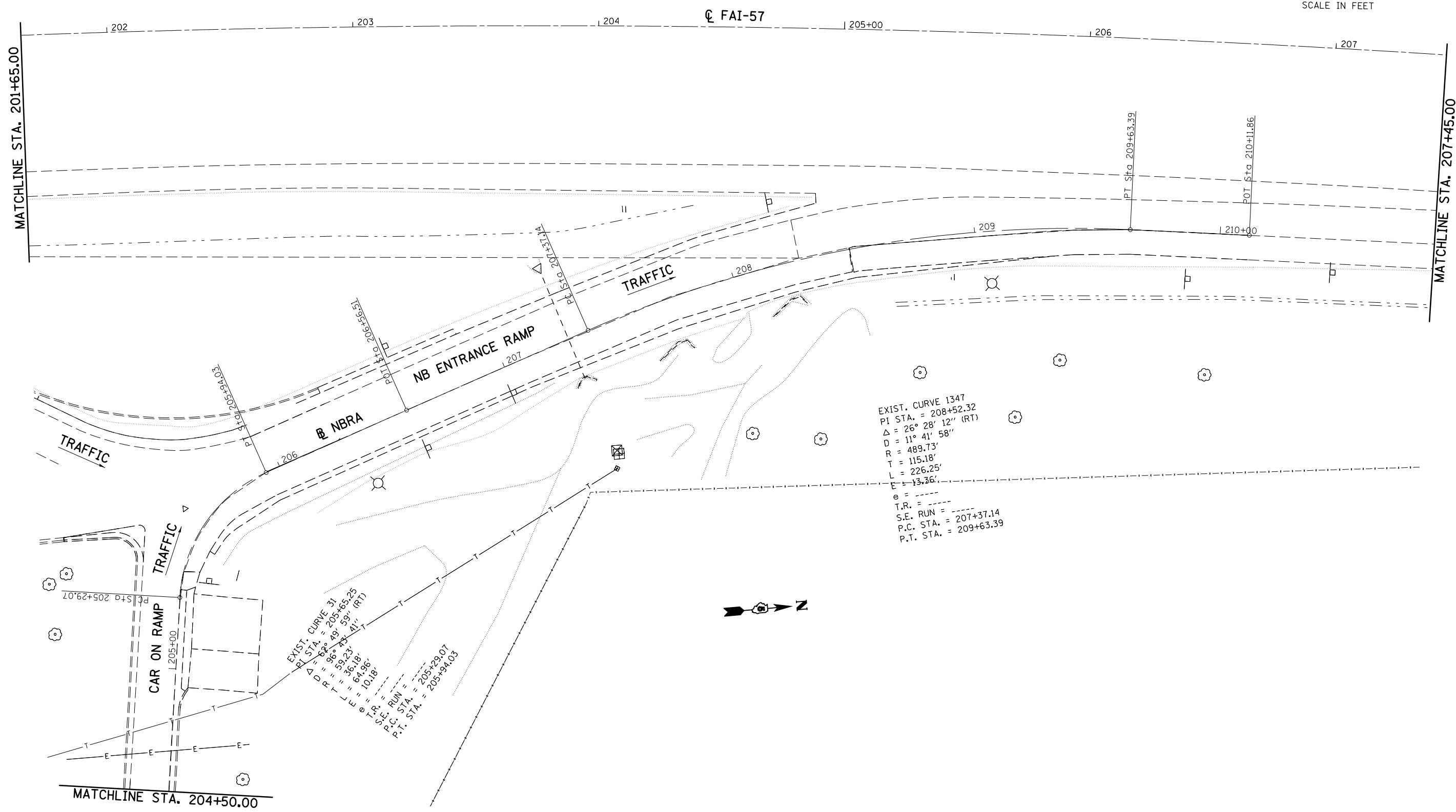
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		DATE -	REVISED -
#MODELNAME#	PLOT DATE = 1/22/2016		

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ILLINI PRAIRIE REST AREA  
(NORTHBOUND)

SCALE: 1" = 20' SHEET 4 OF 6 SHEETS STA. 196+60.00 TO STA. 204+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	CHAMPAIGN	22	12
			CONTRACT NO. 70B76	
ILLINOIS FED. AID PROJECT				

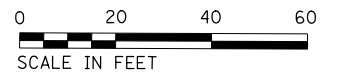


SEC. 21 - T 17 N - R 8 E - 3RD PM

•D5 REST AREA REPAIR 2016-1

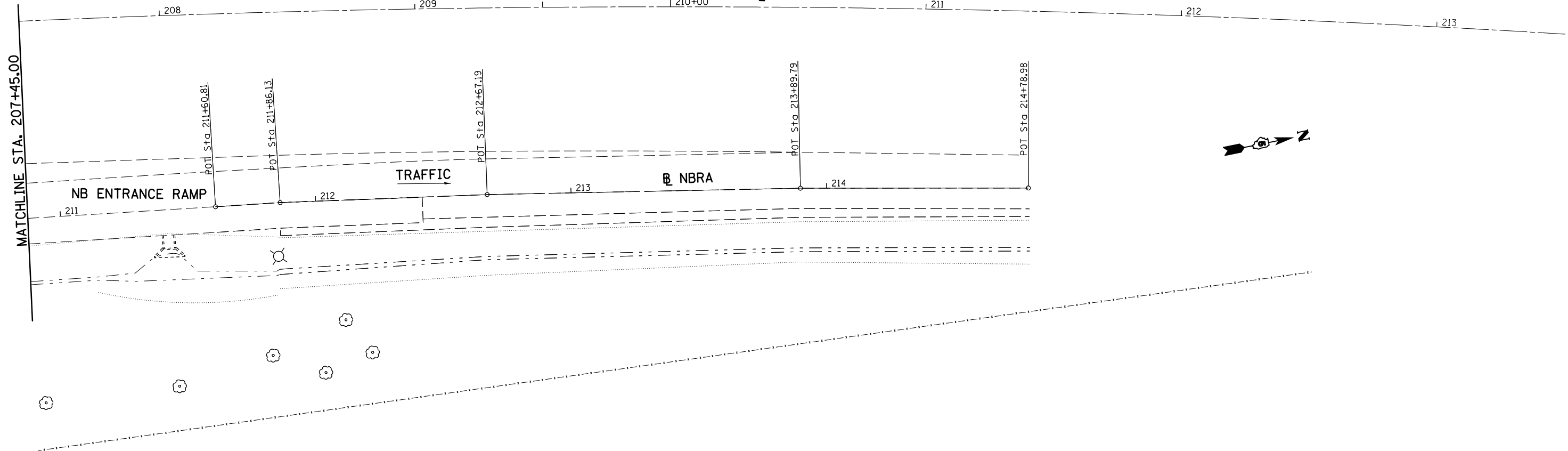
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pw:\IL\084EBIDINTEG.illinois.gov\PWIDOT\Documents\IDOT Offices\District 5\Projects\0577\DRAWING\05770876-shr-plan.dgn		CHECKED -	REVISED -			57	•	CHAMPAIGN	22	13
PLOT SCALE = 40.0000' / in.		DATE -	REVISED -			CONTRACT NO. 70B76			ILLINOIS FED. AID PROJECT	
PLOT DATE = 1/22/2016						SCALE: 1" = 20' SHEET 5 OF 6 SHEETS STA. 201+65.00 TO STA. 207+45.00				

SEC. 21 - T 17 N - R 8 E - 3RD PM



e = ----  
T.R. = ----  
S.E. RUN = ----  
P.C. STA. = 185+30.81  
P.T. STA. = 230+69.89

☉ FAI-57



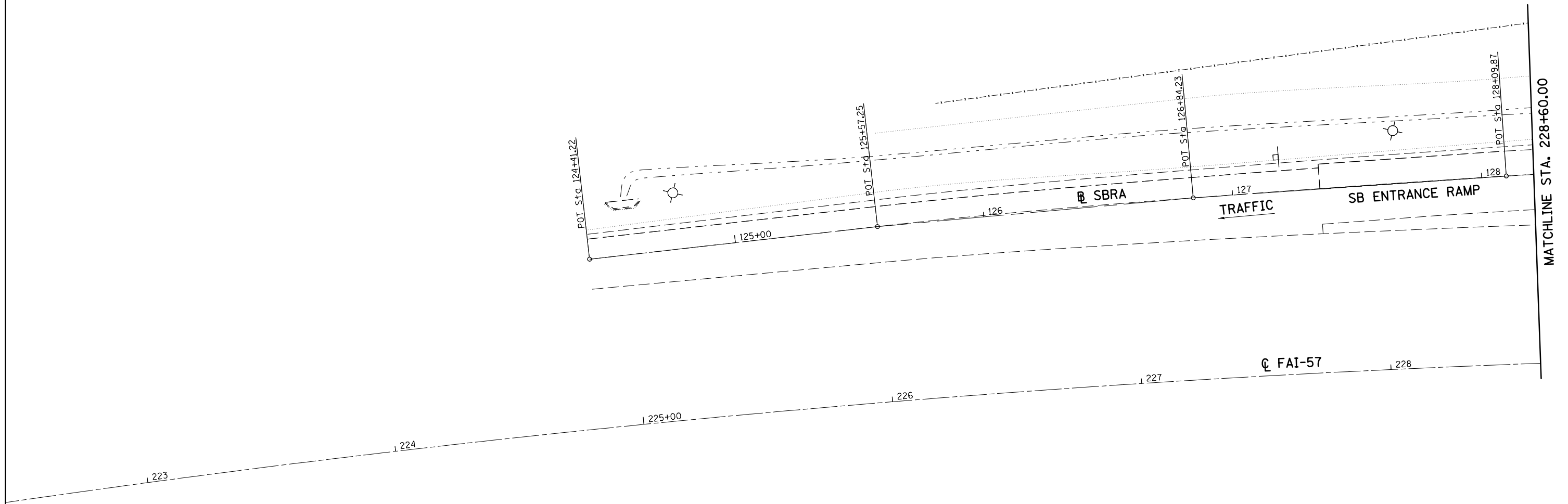
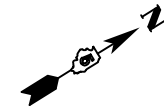
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\$MODELNAME\$	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 1/22/2016	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ILLINI PRAIRIE REST AREA  
(NORTHBOUND)

SCALE: 1" = 20' SHEET 6 OF 6 SHEETS STA. 204+45.00 TO STA. 212+00.00

•D5 REST AREA REPAIR 2016-1				
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	•	CHAMPAIGN	22	14
			CONTRACT NO. 70B76	
ILLINOIS FED. AID PROJECT				



•D5 REST AREA REPAIR 2016-1

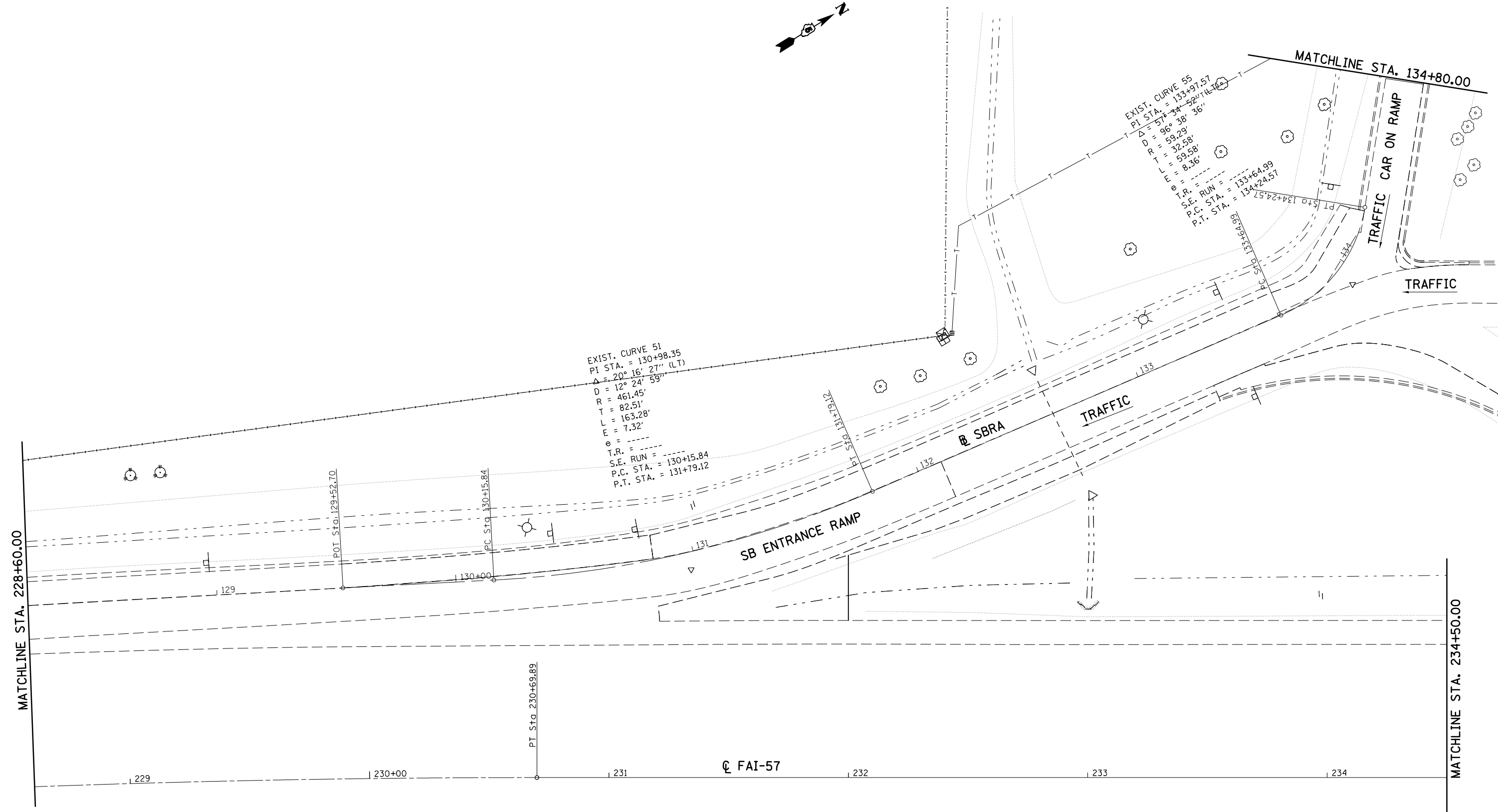
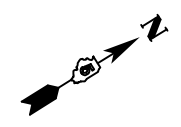
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p:\11\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 5\Projects\0570876\Drawings\Design\0570876-shr-plan.dgn		CHECKED -	REVISED -
\$MODELNAME\$	PLOT DATE = 1/22/2016	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ILLINI PRAIRIE REST AREA  
(SOUTHBOUND)**

SCALE: 1" = 20' SHEET 1 OF 6 SHEETS STA. 224+00.00 TO STA. 228+60.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	•	CHAMPAIGN	22	15
CONTRACT NO. 70B76			ILLINOIS FED. AID PROJECT	



FILE NAME =	USER NAME = dawsonkb	DESIGNED -	REVISED -
p:\1\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 5\Projects\0570876\Drawings\Design\0570876-shr-plan.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
*MODELNAME*	PLOT DATE = 1/22/2016	DATE -	REVISED -

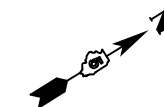
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ILLINI PRAIRIE REST AREA  
(SOUTHBOUND)**

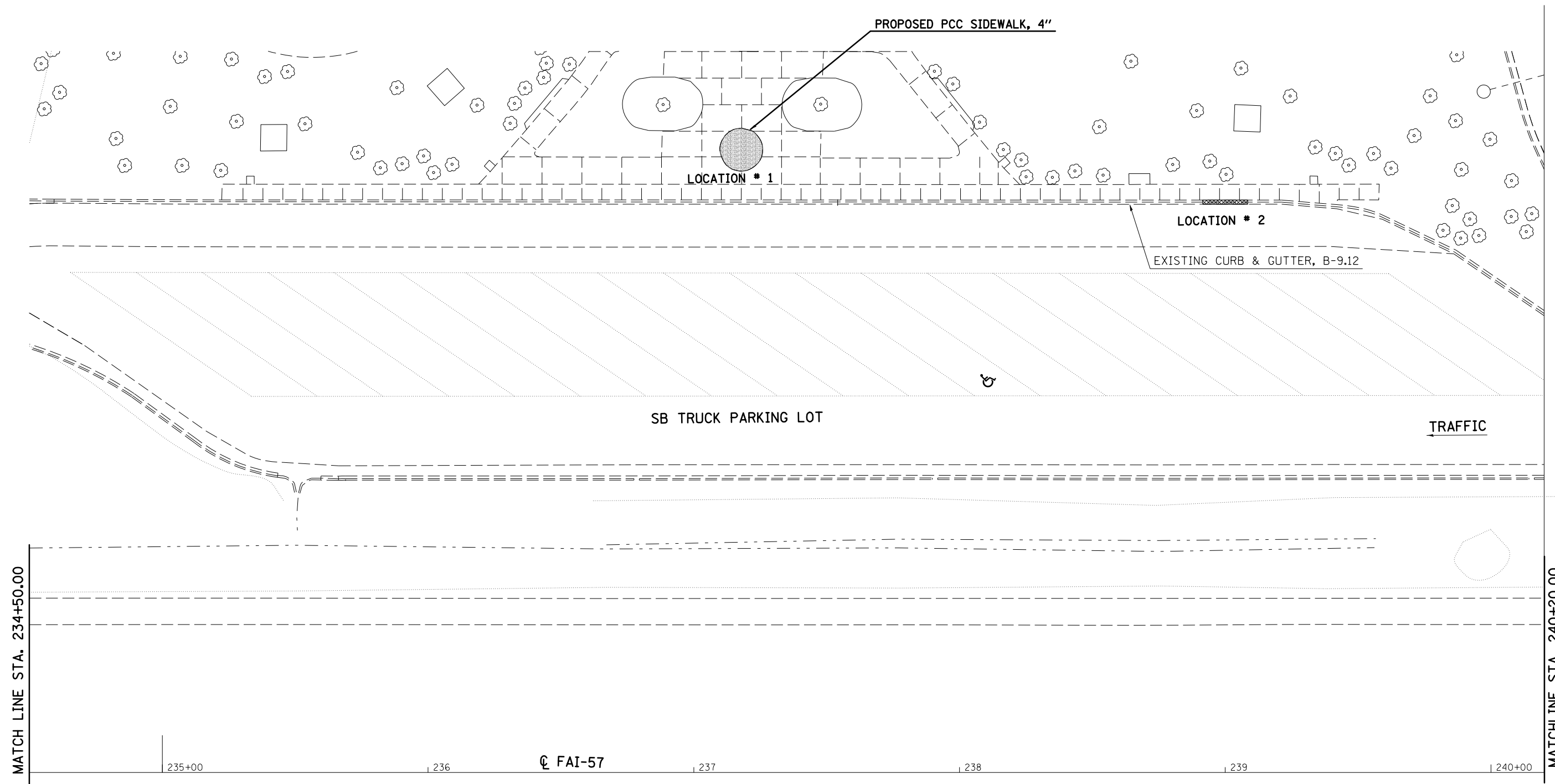
SCALE: 1" = 20'    SHEET 2 OF 6 SHEETS    STA. 228+60.00 TO STA. 234+50.00

*D5 REST AREA REPAIR 2016-1				
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	.	CHAMPAIGN	22	16
			CONTRACT NO. 70B76	
ILLINOIS FED. AID PROJECT				





- BRICK SIDEWALK REMOVAL
- COMB. CURB & GUTTER REMOVE & REPLACE



FILE NAME =	USER NAME = dawsonkb	DESIGNED -	REVISED -
pw:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 5\Projects\0577\DRAWING\05770876-shr-plan.dgn		REVISION	REVISION
\$MODELNAME\$	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 1/22/2016	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

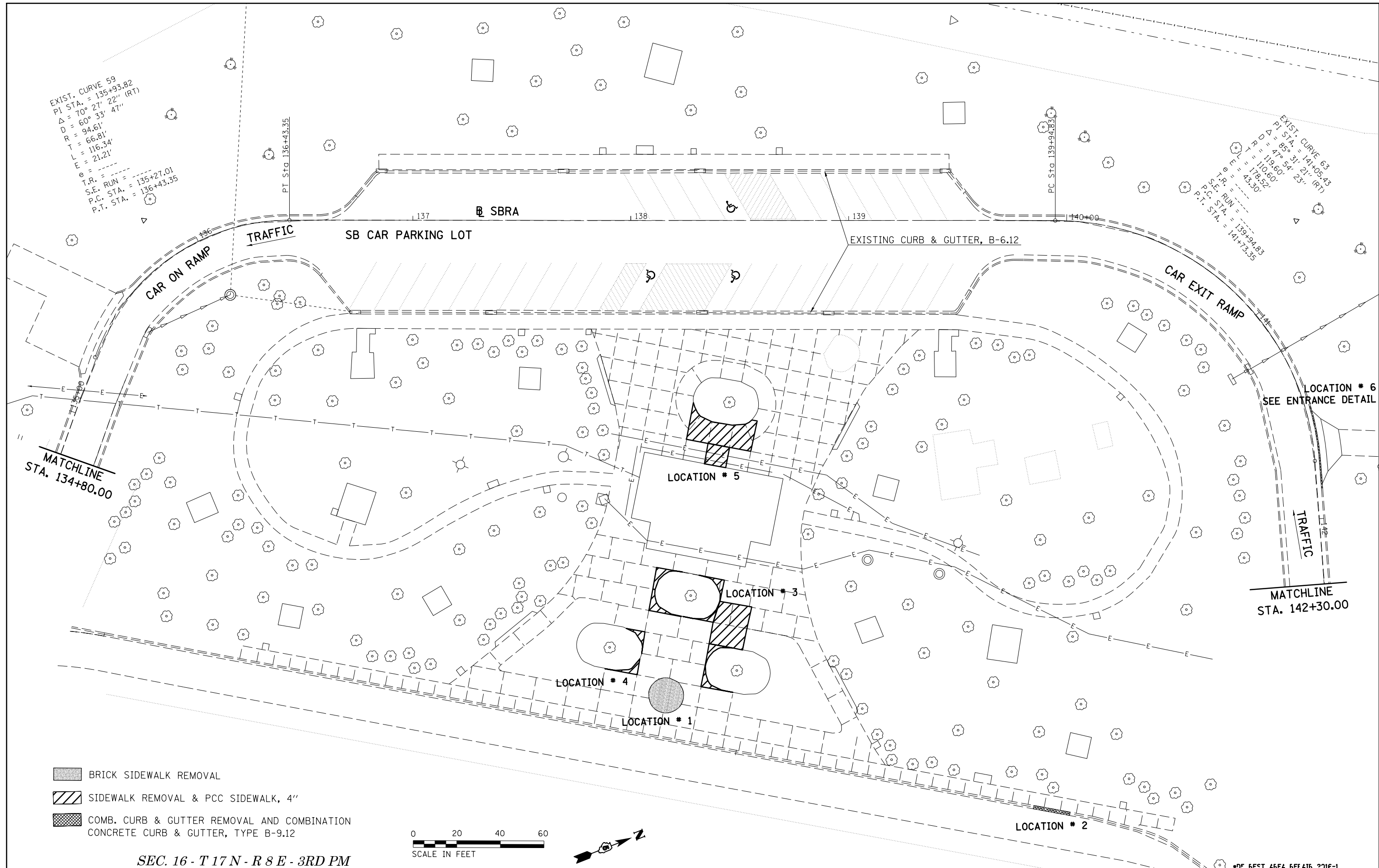
**ILLINI PRAIRIE REST AREA  
(SOUTHBOUND)**

SCALE: 1" = 20'    SHEET 3 OF 6 SHEETS    STA. 234+50.00 TO STA. 240+20.00

• OF REST AREA AFFAIR 2016-1			
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS
57	*	CHAMPAIGN	22
			SHEET NO. 17
			CONTRACT NO. 70B76
ILLINOIS FED. AID PROJECT			

EXIST. CURVE 59  
 PI STA. = 135+93.82  
 $\Delta = 70^\circ 27' 22''$  (RT)  
 $D = 60^\circ 33' 47''$   
 $R = 94.61'$   
 $T = 66.81'$   
 $L = 116.34'$   
 $E = 21.21'$   
 $e =$   
 T.R. =  
 S.E. RUN = 135+27.01  
 P.C. STA. = 136+43.35  
 P.T. STA. =

EXIST. CURVE 63  
 PI STA. = 141+05.43  
 $\Delta = 85^\circ 31' 21''$  (RT)  
 $D = 47^\circ 54' 23''$   
 $R = 110.60'$   
 $T = 119.60'$   
 $L = 178.52'$   
 $E = 43.30'$   
 $e =$   
 T.R. =  
 S.E. RUN = 139+94.83  
 P.C. STA. = 141+73.35  
 P.T. STA. =

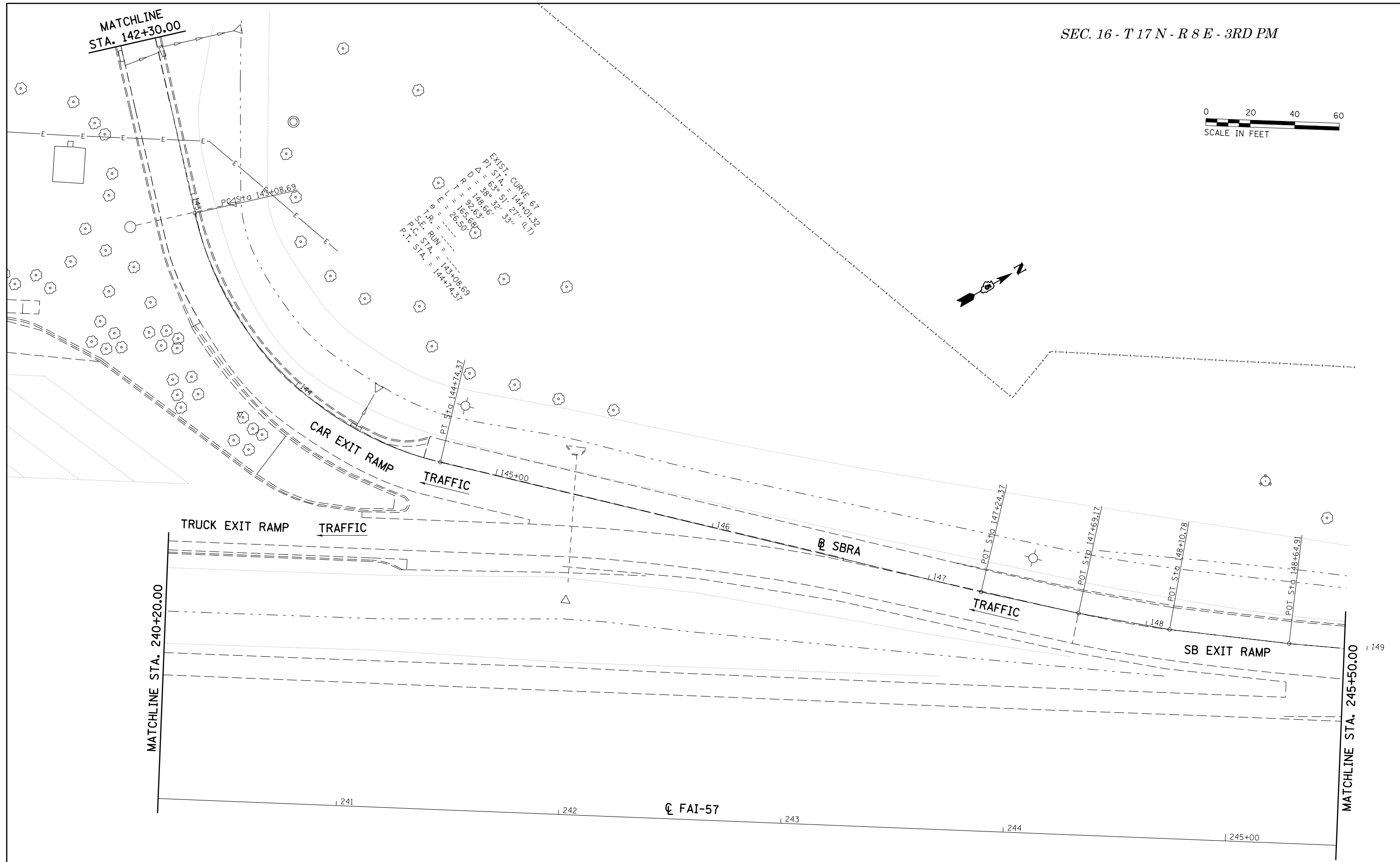
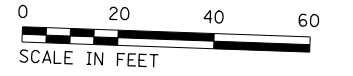


- BRICK SIDEWALK REMOVAL
- SIDEWALK REMOVAL & PCC SIDEWALK, 4"
- COMB. CURB & GUTTER REMOVAL AND COMBINATION CONCRETE CURB & GUTTER, TYPE B-9.12



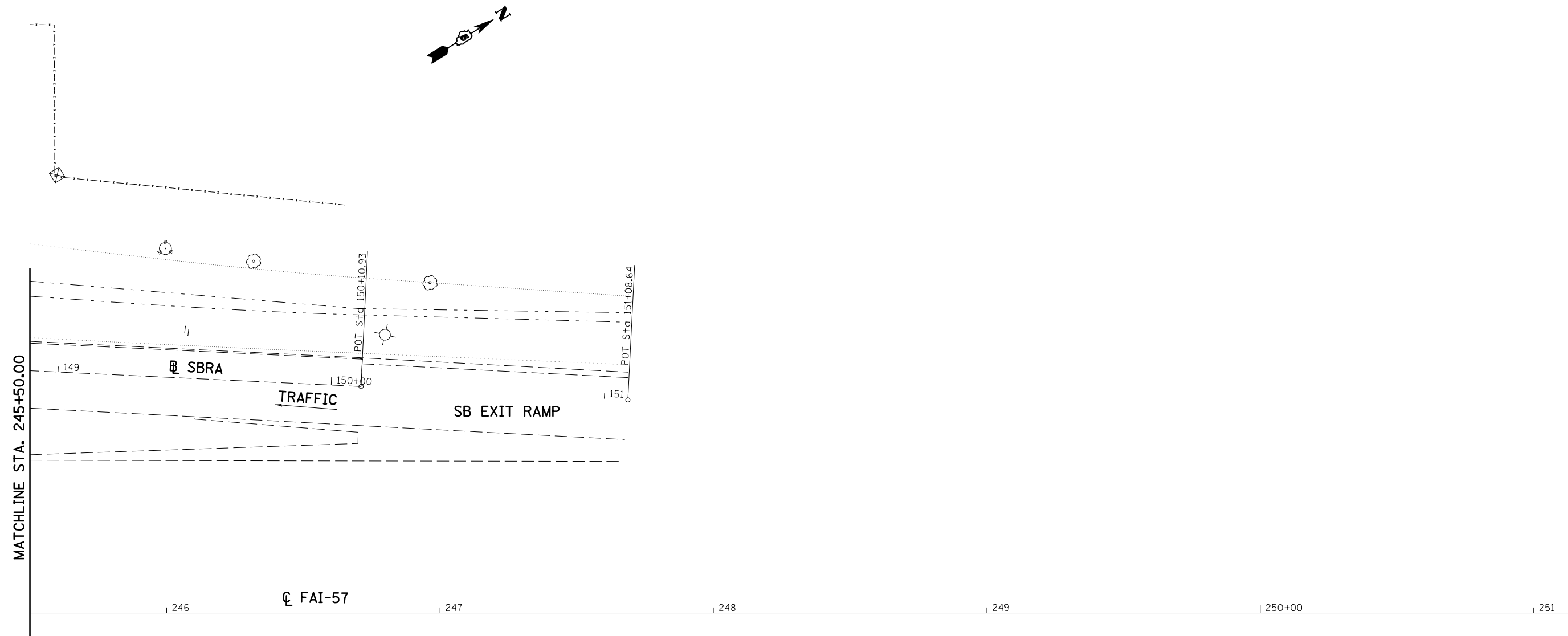
**SEC. 16 - T 17 N - R 8 E - 3RD PM**

FILE NAME =	USER NAME = dawsonkb	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ILLINI PRAIRIE REST AREA (SOUTHBOUND)</b>	F.A.I. R.T.E. =	SECTION =	COUNTY =	TOTAL SHEETS =	SHEET NO. =	
pw:\IL\084EBIDINTEG\Illinois.gov\PI\DOT\Documents\DOT Offices\District 5\Projects\05776\DRAWING\05776-05776-sht-plan.dgn		REVISIONS	REVISIONS			57	.	CHAMPAIGN	22	18	
\$MODELNAME\$		CHECKED -	REVISIONS			SCALE: 1" = 20'		SHEET 4 OF 6 SHEETS		STA. 134+80.00 TO STA. 142+30.00	
		DATE -	REVISIONS			CONTRACT NO. 70B76 ILLINOIS FED. AID PROJECT					



FILE NAME =		USER NAME = dawsonkb		DESIGNED -		REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		ILLINOI PRAIRIE REST AREA (SOUTHBOUND)			F.A.I. RTE. =		SECTION		COUNTY		TOTAL SHEETS		SHEET NO.	
pw:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 5\Projects\0577\DRAWING\05770876-shr-plan.dgn		PLOT SCALE = 40.0000' / in.		CHECKED -		REVISED -							57		•		CHAMPAIGN		22		19	
#MODELNAME#		PLOT DATE = 1/22/2016		DATE -		REVISED -				SCALE: 1" = 20'			SHEET 5 OF 6 SHEETS			STA. 240+20.00 TO STA. 245+50.00			CONTRACT NO. 70B76			
																ILLINOIS FED. AID PROJECT						

SEC. 16 - T 17 N - R 8 E - 3RD PM



FILE NAME =	USER NAME = dawsonkb	DESIGNED -	REVISED -
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\$MODELNAME\$	PLOT SCALE = 40.0000' / in.	DATE -	REVISED -
	PLOT DATE = 1/22/2016		

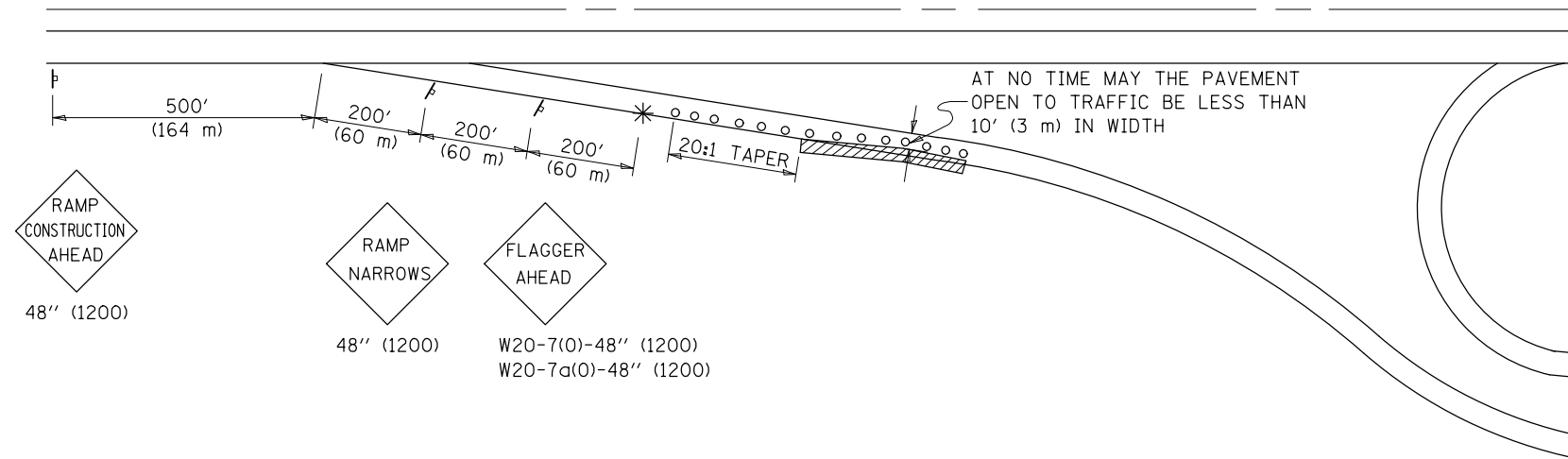
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ILLINI PRAIRE REST AREA  
(SOUTHBOUND)

SCALE: 1" = 20' SHEET 6 OF 6 SHEETS STA. 245+50.00 TO STA. 249+00.00

ILLINOIS REST AREA AFFAIR 2016-1				
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	CHAMPAIGN	22	20
			CONTRACT NO. 70B76	
ILLINOIS FED. AID PROJECT				

**APPLICATION NO. 1  
DAY OPERATION ONLY  
PARTIAL RAMP CLOSURE**



- SYMBOLS**
- (APPLICATION NO. 1) TYPE I OR II BARRICADES OR DRUMS @ 50' (15 m) CTS.
  - ⊗ (APPLICATION NO. 2) TYPE I OR II BARRICADES OR DRUMS @ 25' (7.5 m) CTS. W/STEADY BURNING LIGHTS
  - \* (APPLICATION NO. 1) FLAGGER PLACED AS DIRECTED BY THE ENGINEER
  - ‡ SIGN ON PORTABLE OR PERMANENT SUPPORT
  - ▨ WORK AREA

**TYPICAL APPLICATIONS  
PAVEMENT PATCHING**

**GENERAL NOTES**

CONSTRUCTION OPERATIONS SHALL BE CONFINED TO AN AREA NARROW ENOUGH THAT A MINIMUM OF 10' (3 m) OF PAVEMENT SHALL BE OPEN TO TRAFFIC AT ALL TIMES.

FULL WIDTH PAVEMENT ON THE RAMPS SHALL BE OPEN TO TRAFFIC AT NIGHT.

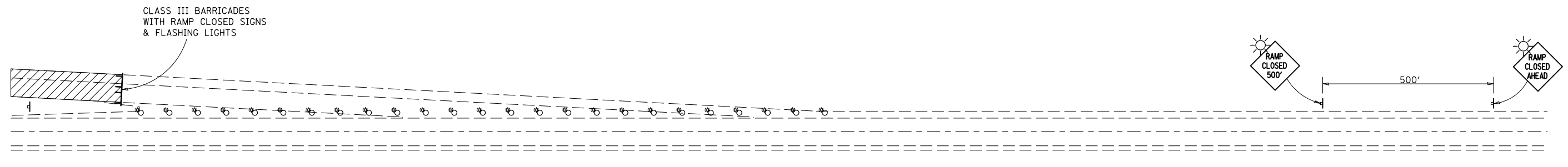
WHEN NO WORK IS BEING PERFORMED, THE FLAGGER WILL NOT BE REQUIRED. IF THE FLAGGER IS NOT PRESENT, THE FLAGGER SIGNS SHALL BE REMOVED OR COVERED.

ALL SIGNS SHALL BE POST MOUNTED IF WORK IN THE AREA EXCEEDS FOUR DAYS OF DAYTIME OPERATIONS.

LONGITUDINAL DIMENSIONS MAY BE ADJUSTED SLIGHTLY TO FIT FIELD CONDITIONS.

ALL VEHICLES, EQUIPMENT, WORKERS (EXCEPT FLAGGER) AND THEIR ACTIVITIES ARE RESTRICTED AT ALL TIMES TO ONE SIDE OF THE PAVEMENT UNLESS OTHERWISE AUTHORIZED BY THE DISTRICT ENGINEER.

**APPLICATION NO. 2  
RAMP CLOSURE**



**GENERAL NOTES**

STEADY BURN LIGHTS ARE NOT REQUIRED FOR DAYTIME OPERATIONS.

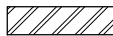


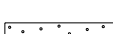
CONTACT THE DISTRICT TRAFFIC OPERATIONS ENGINEER AT 217-465-4181, ONE WEEK PRIOR TO CLOSING THE RAMP.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

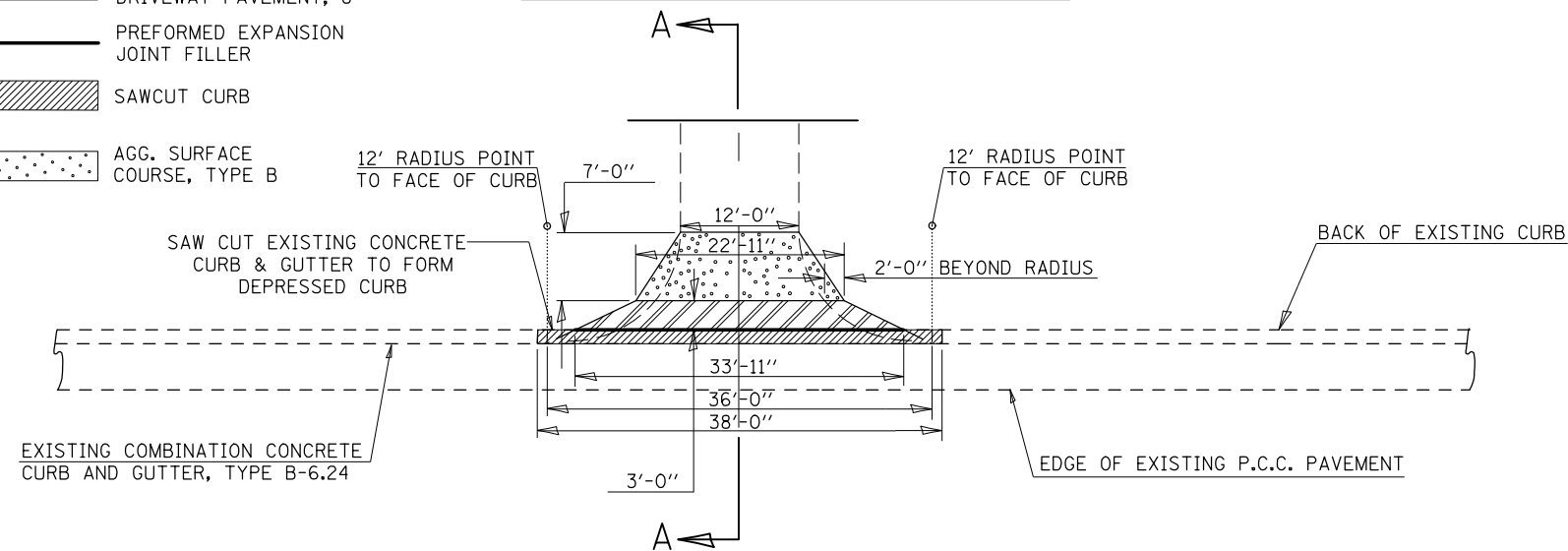
• D5 REST AREA REPAIR 2016-1

FILE NAME =	USER NAME = dawsonkb	DESIGNED -	REVISED - 11/06	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\11\084EBIDINTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 5\Projects\0579\DRAWING\Design\0579B76-shr-plandeta	DESIGNED -	REVISED - BJH 3/5/2012	57			•	CHAMPAIGN	22	21	
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 70B76							
PLOT DATE = 1/22/2016	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							
				SCALE:	SHEET NO. OF SHEETS	STA.	TO STA.			

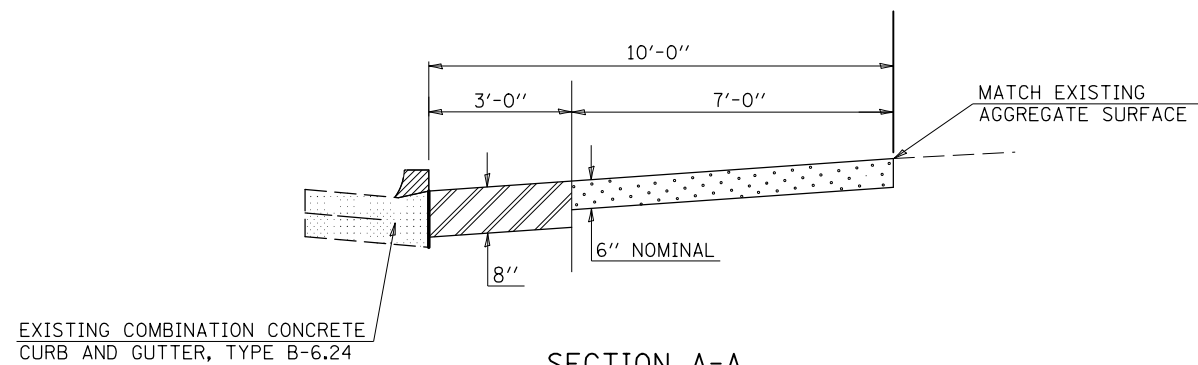
**LEGEND**

-  P.C. CONCRETE DRIVEWAY PAVEMENT, 8"
-  PREFORMED EXPANSION JOINT FILLER
-  SAWCUT CURB
-  AGG. SURFACE COURSE, TYPE B

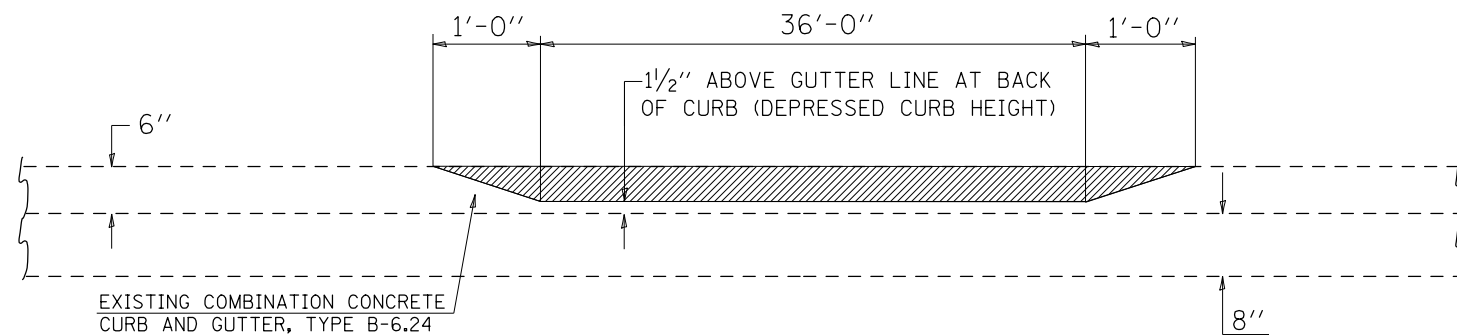
**EXISTING AGGREGATE ENTRANCE**



**PLAN VIEW**



**SECTION A-A**



**ELEVATION VIEW**

**GENERAL NOTES**

1. EARTH EXCAVATION & SHAPING REQUIRED FOR THE CONSTRUCTION OF THE P.C.C. DRIVEWAY PAVEMENT AND AGGREGATE SURFACE COURSE SHALL BE INCLUDED IN THE COST OF THE AGGREGATE SURFACE COURSE.

DRAWING NOT TO SCALE

FILE NAME =		USER NAME = dawsonkb		DESIGNED -		REVISED - 11/06		<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>		<b>ENTRANCE DETAIL</b>			
PLOT SCALE = 100.0000' / in.		CHECKED -		REVISED - BJH 3/5/2012		REVISED -							
PLOT DATE = 1/22/2016		DATE -		REVISED -		REVISED -							
F.A.I. RTE. 57		SECTION		COUNTY		TOTAL SHEETS 22		SHEET NO. 22		CONTRACT NO. 70B76			
FED. ROAD DIST. NO.		ILLINOIS		FED. AID PROJECT		SCALE:		SHEET NO. OF SHEETS STA. TO STA.					

• D5 REST AREA REPAIR 2016-1