

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

F.A.I. ROUTE 57 (I-57)
SECTION D5 REST AREA REPAIR 2015-1

REST AREA IMPROVEMENT
CHAMPAIGN COUNTY

C-95-022-15

ILLINI PRAIRIE REST AREA

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57		CHAMPAIGN	35	1
		ILLINOIS	CONTRACT NO. 70B24	
• D5 REST AREA REPAIR 2015-1				

FOR INDEX OF SHEETS, SEE SHEET NO. 2

CURRENT TRAFFIC DATA

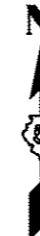
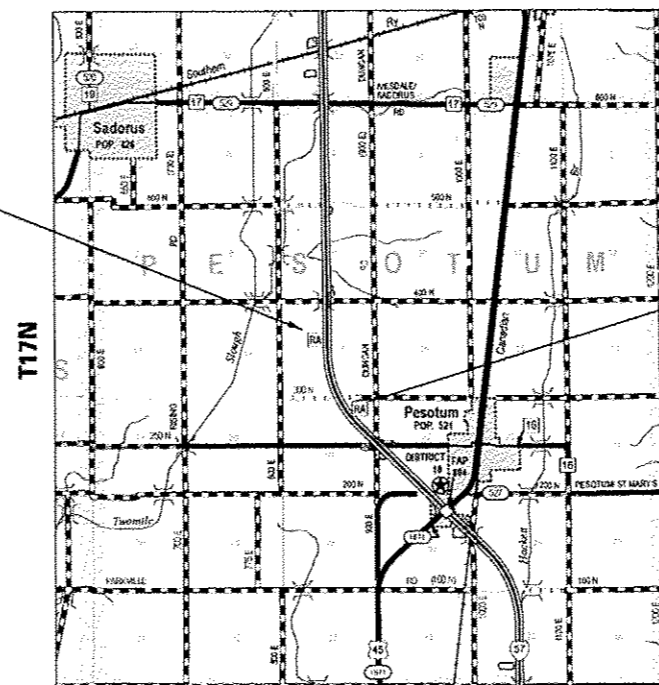
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DESIGN DESIGNATION

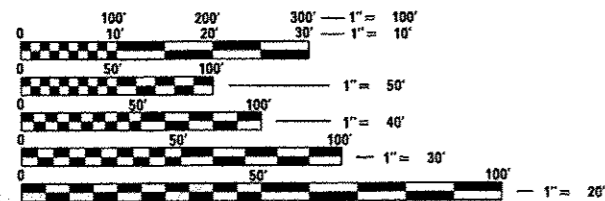
N/A



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. 70B24



GROSS & NET LENGTH = N/A

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED March 18 2015

[Signature]
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

May 8 2015
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

May 8 2015
[Signature]
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

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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
420701-02	PAVEMENT FABRIC
424016-02	MID-BLOCK CURB RAMPS FOR SIDEWALKS
442101-07	CLASS B PATCHES
602301-04	INLET- TYPE A
604001-04	FRAMES AND LIDS TYPE 1
606001-06	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701901-04	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS

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.-280
TEMPORARY EROSION CONTROL SEEDING IS INCLUDED IN THIS CONTRACT TO SEED DISTURBED EARTH DURING TIME PERIODS WHEN PERMANENT SEEDING IS NOT ALLOWED. SOME OR ALL OF THE TEMPORARY EROSION CONTROL SEEDING WILL BE DELETED IF IT IS POSSIBLE TO PLACE PERMANENT SEEDING ON EARTH SHOULDERS AT THE TIME OF THEIR COMPLETION.

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 RESIDENT ENGINEER SHALL CONTACT THE PROGRAM DEVELOPMENT CHIEF OF SURVEYS PRIOR TO THE PRE-CONSTRUCTION CONFERENCE TO ESTABLISH TEMPORARY BENCHMARKS AND BASELINE ALIGNMENT AT EACH REST AREA.

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.

THE CONSTRUCTION SHALL BE DONE IN STAGES. THROUGHOUT THE CONSTRUCTION PROCESS, ONLY ONE REST AREA MAY BE COMPLETELY CLOSED.

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 2015-1

FILE NAME =	USER NAME = daveonkb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, GENERAL NOTES & HIGHWAY STANDARDS	F.A.J. RTE. =	SECTION =	COUNTY =	TOTAL SHEETS =	SHEET NO. =
cs:\pr_wor\k\p\dot\daworkb\422371\057	024-shr-gennota.dgn	DRAWN -	REVISED -			57	-	CHAMPAIGN	35	2
	PLOT SCALE = 40.0000" = 1"	CHECKED -	REVISED -							
	PLOT DATE = 3/19/2015	DATE -	REVISED -							
						SCALE: _____ SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____		CONTRACT NO. 70824		
ILLINOIS FED. AID PROJECT										

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: 0021

TOTAL

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: 0021

TOTAL

CODE NO	ITEM	UNIT	QUANTITY
20200100	EARTH EXCAVATION	CU YD	40.0
20800150	TRENCH BACKFILL	CU YD	20.0
25000110	SEEDING CLASS 1A	ACRE	0.25
25100115	MULCH METHOD 2	ACRE	0.25
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	24.0
31101200	SUBBASE GRANULAR MATERIAL TYPE B 4"	SQ YD	337.0
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	1,890.0
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	1,263.0
42400800	DETECTABLE WARNINGS	SQ FT	68.0
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	186.0
44000600	SIDEWALK REMOVAL	SQ FT	2,730.0
44200934	CLASS B PATCHES, TYPE II, 8 INCH	SQ YD	129.0
44200942	CLASS B PATCHES, TYPE III, 8 INCH	SQ YD	87.0
44200944	CLASS B PATCHES, TYPE IV, 8 INCH	SQ YD	263.0

* SPECIALTY ITEMS

CODE NO	ITEM	UNIT	QUANTITY
44200970	CLASS B PATCHES, TYPE II, 10 INCH	SQ YD	118.0
44200974	CLASS B PATCHES, TYPE III, 10 INCH	SQ YD	50.0
44201299	DOWEL BARS 1 1/2"	EACH	949.0
44213100	PAVEMENT FABRIC	SQ YD	400.0
44213198	TIE BARS 1/2"	EACH	98.0
44213200	SAW CUTS	FOOT	2,632.0
60235300	INLETS, TYPE A, TYPE 1 FRAME, CLOSED LID	EACH	4.0
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6, 12	FOOT	126.0
60605900	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-9, 12	FOOT	60.0
67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	5.0
67100100	MOBILIZATION	L SUM	1.0
78001100	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	25.0
78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	1,809.0
78300100	PAVEMENT MARKING REMOVAL	SQ FT	272.0

* SPECIALTY ITEMS

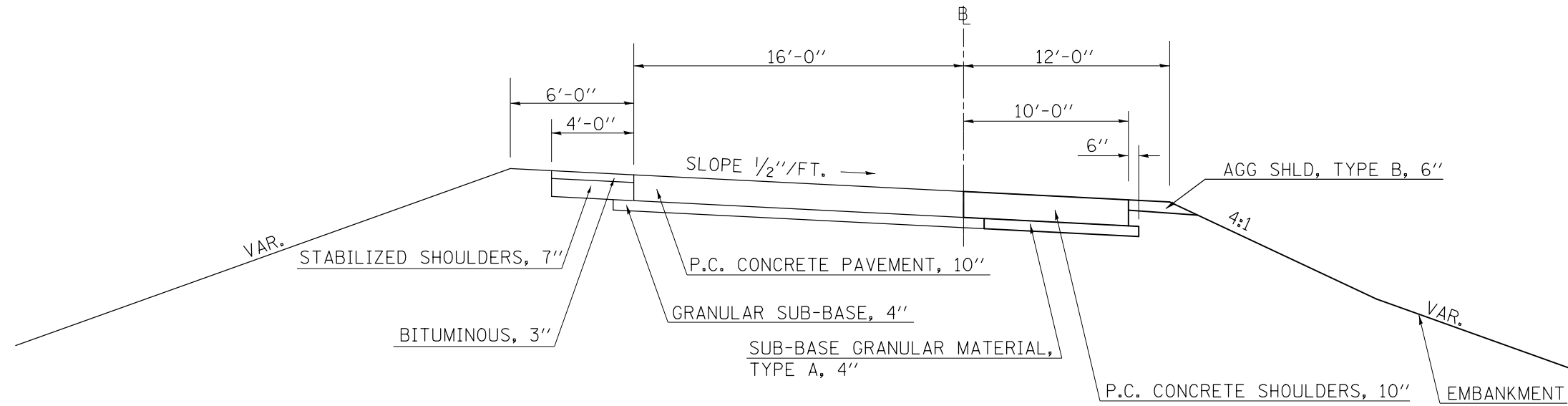
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* 05 REST AREA REPAIR 2015-1

EXISTING TYPICAL SECTION

ENTRANCE AND EXIT RAMPS

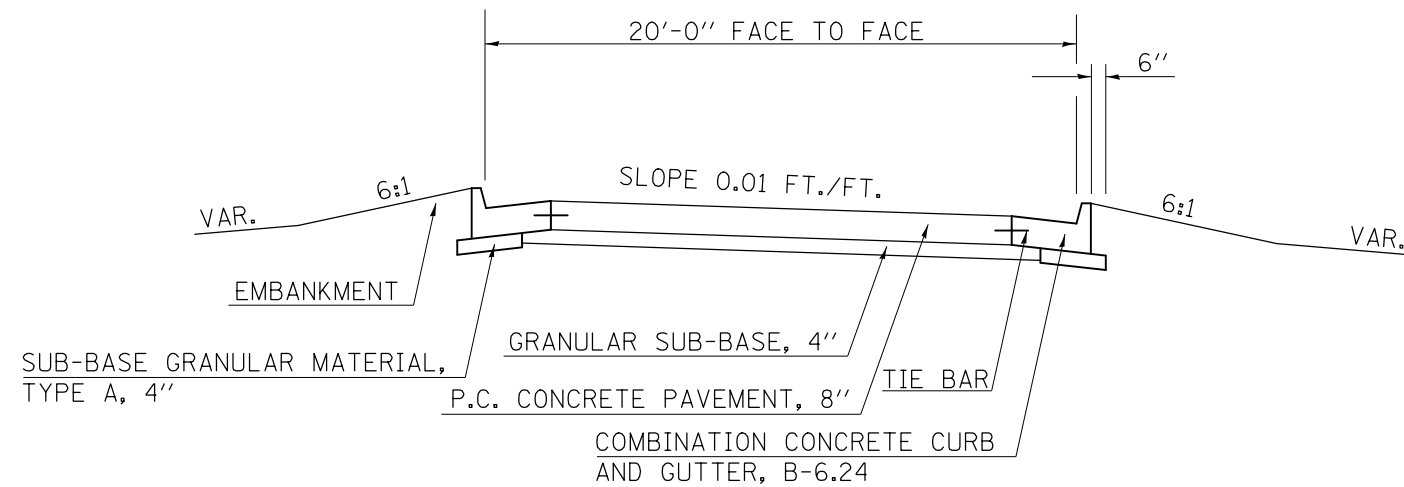
	STATION	TO	STATION
(NORTHBOUND)	187+62.32		195+00.00
(SOUTHBOUND)	127+35.05		133+26.70
(NORTHBOUND)	206+24.14		212+41.75
(SOUTHBOUND)	144+66.70		150+10.93



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



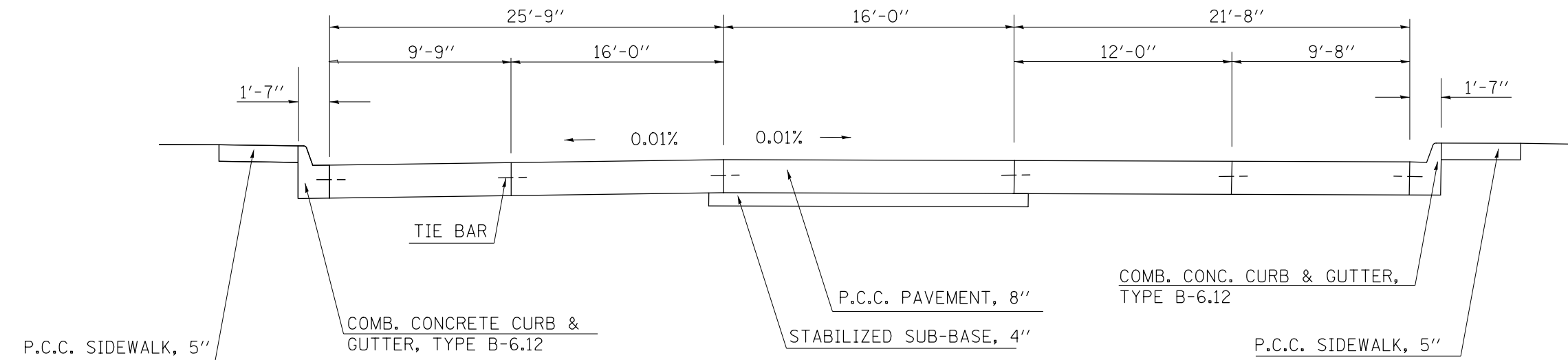
•05 REST AREA REPAIR 2015-1

FILE NAME =	USER NAME = dawsonkb	DESIGNED -	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL SECTIONS			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pwork\pwork\dawsonkb\0422371\0578B24-sht-typicol.dgn	DRAWN -	REVISD -	57					•	CHAMPAIGN	35	5	
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISD -	CONTRACT NO. 70B24									
MODELNAME	DATE -	REVISD -	ILLINOIS FED. AID PROJECT									

EXISTING TYPICAL SECTION

ONSITE CAR PARKING LOTS

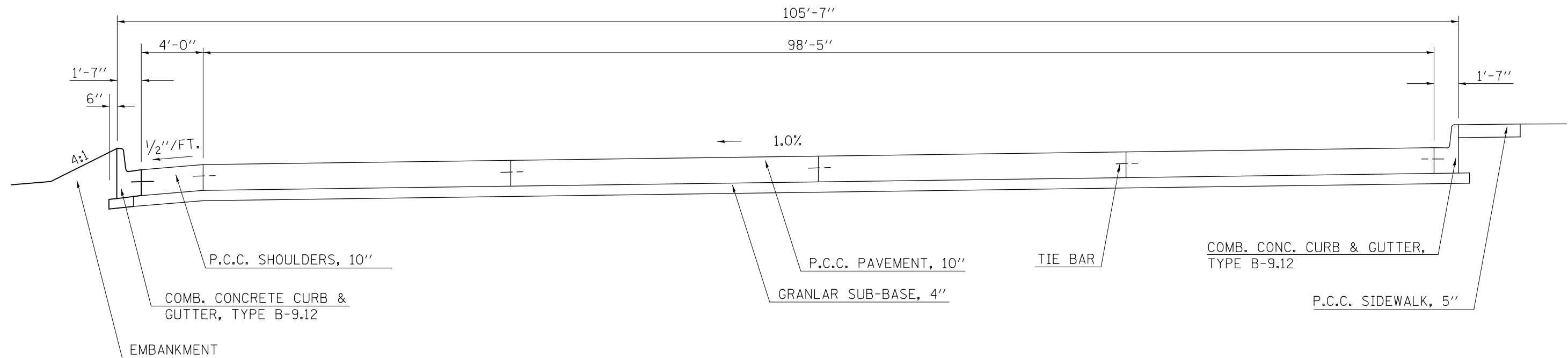
STATION TO STATION
 (NORTHBOUND) 200+00.00 203+00.49
 (SOUTHBOUND) 136+85.00 139+46.00



EXISTING TYPICAL SECTION

SOUTHBOUND ONSITE TRUCK PARKING LOT

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



SCHEDULE OF QUANTITIES

EARTH EXCAVATION & SEEDING BY LOCATION

LOCATION NUMBER	EARTH EXCAVATION (CU YD)	SEEDING CLASS 1A (ACRE)	MULCH METHOD 2 (ACRE)	TEMP. EROS. CONT. SEEDING (POUNDS)
	20200100	25000110	25100115	28000250
LOCATION #1	2.3			
LOCATION #2	2.5			
LOCATION #3	2.2	0.00689	0.00689	0.68900
LOCATION #4	2.8			
LOCATION #5	2.1			
LOCATION #6	2.4			
LOCATION #7	2.0	0.00689	0.00689	0.68900
LOCATION #8	2.8			
LOCATION #9	0.1			
LOCATION #10				
LOCATION #11				
LOCATION #12				
LOCATION #13	0.6			
LOCATION #14	0.6	0.01148	0.01148	1.14800
LOCATION #15	0.4	0.01435	0.01435	1.43500
LOCATION #16	0.5			
LOCATION #17	1.6	0.02755	0.02755	2.75500
LOCATION #18	1.4			
LOCATION #19	0.7			
LOCATION #20	0.7	0.01435	0.01435	1.43500
LOCATION #21	0.4	0.01377	0.01377	1.37700
LOCATION #22	0.6			
LOCATION #23	0.9	0.02755	0.02755	2.75500
LOCATION #24	0.6			
LOCATION #25	1.0	0.01148	0.01148	1.14800
LOCATION #26	0.4	0.01435	0.01435	1.43500
LOCATION #27	0.7			
LOCATION #28	2.2	0.02755	0.02755	2.75500
LOCATION #29	1.6			
LOCATION #30	0.7			
LOCATION #31	0.5	0.01377	0.01377	1.37700
LOCATION #32	0.4	0.01837	0.01837	1.83700
LOCATION #33	0.6			
LOCATION #34	0.7	0.02755	0.02755	2.75500
LOCATION #35	0.1			
TOTALS	37.1	0.2359	0.2359	23.59
ROUND TO	40.0	0.25	0.25	24

WORK DELETED
WORK DELETED

PAVEMENT MARKING ITEMS

DIR	LOCATION	78001100 PAINT PAVEMENT MARKING- LETTERS & SYMBOLS (SQ FT)	78001110 PAINT PAVEMENT MARKING, LINE, 4" (FOOT)	78300100 PAVEMENT MARKING REMOVAL (SQ FT)
NB	CAR PARKING LOT NEAR LOCATIONS 1 & 2	6.2	588.7	*19.5
	CAR PARKING LOT NEAR LOCATION 3	3.1	315.0	29.4
	TRUCK PARKING LOT NEAR LOCATION 4	3.1		
	NB SUB-TOTAL	12.4	903.7	48.9
SB	CAR PARKING LOT NEAR LOCATIONS 5 & 6	6.2	590.1	193.7
	CAR PARKING LOT NEAR LOCATION 7	3.1	315.0	29.4
	TRUCK PARKING LOT NEAR LOCATION 8	3.1		
	SB SUB-TOTAL	12.4	905.1	223.1
TOTAL		24.8	1808.8	272.0
USE		25.0	1809.0	272.0

WHITE YELLOW

* MOST OF EXISTING PAVT MARKING IS IN AREA TO BE PATCHED

LANDSCAPE REMOVAL	
XX006616	
LOCATION	EACH
NB	10
SB	4
TOTAL	14

•D5 REST AREA REPAIR 2015-1

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

SCHEDULE OF QUANTITIES

SUBBASE, SIDEWALK, CURB & GUTTER BY LOCATION

LOCATION NUMBER	TRENCH BACKFILL (CU YD)	SUBBASE GRAN MATL. TYPE B 4" (SQ YD)	PCC SIDEWALK 4" (SQ FT)	PCC SIDEWALK 5" (SQ FT)	DETECT. WARNINGS (SQ FT)	COMBINATION CURB AND GUTTER REM. (FOOT)	SIDEWALK REMOVAL (SQ FT)	CCC&G TYPE B-6.12 (FOOT)	CCC&G TYPE B-9.12 (FOOT)	BRICK SIDEWALK REMOVAL (SQ FT)
	20800150	31101200	42400100	42400200	42400800	44000500	44000600	60603800	60605900	X0326864
LOCATION #1 NB		20.4		154.0	12.0	18.5	154.0	18.5		
LOCATION #2 NB		22.9		167.3		23.9	167.3	23.9		
LOCATION #3 NB		19.8		144.9	10.0	20.7	144.9	20.7		
LOCATION #4 NB		25.5		180.6	12.0	30.1	180.6		30.1	
LOCATION #5 SB		19.4		142.1	12.0	20.3	142.1	20.3		
LOCATION #6 SB		21.9		160.3		22.9	160.3	22.9		
LOCATION #7 SB		18.2		133.0	10.0	19.0	133.0	19.0		
LOCATION #8 SB		25.4		180.0	12.0	30.0	180.0		30.0	
LOCATION #9 NB		0.5	215.5				4.2			211.3
LOCATION #10 SB			211.3							211.3
WORK DELETED LOCATION #11 SB										
WORK DELETED LOCATION #12 SB										
LOCATION #13 NB	0.43	5.8	52.5				52.5			
LOCATION #13 NB	0.56	5.3	48.0				48.0			
LOCATION #14 NB	0.69	3.9	35.4				35.4			
LOCATION #15 NB	0.39	4.3	38.9				38.9			
LOCATION #16 NB	1.89	14.5	130.1				130.1			
LOCATION #17 NB	2.03	13.0	116.9				116.9			
LOCATION #18 NB	0.43	6.1	54.5				54.5			
LOCATION #19 NB	0.56	6.5	58.9				58.9			
LOCATION #20 NB	0.69	4.0	36.0				36.0			
LOCATION #21 NB	0.47	5.4	48.2				48.2			
LOCATION #23 NB	1.87	7.9	71.3				71.3			
LOCATION #24 SB	0.43	5.6	50.7				50.7			
LOCATION #25 SB	0.51	8.9	79.7				79.7			
LOCATION #26 SB	0.69	3.9	35.4				35.4			
LOCATION #27 SB	0.51	6.3	57.0				57.0			
LOCATION #28 SB	2.51	19.7	177.0				177.0			
LOCATION #29 SB	2.03	14.0	125.7				125.7			
LOCATION #30 SB	0.43	6.0	53.8				53.8			
LOCATION #31 SB	0.51	4.8	43.2				43.2			
LOCATION #32 SB	0.69	4.0	36.0				36.0			
LOCATION #33 SB	0.43	5.1	45.9				45.9			
LOCATION #34 SB	1.40	6.2	56.0				56.0			
LOCATION #35 SB		1.3	12.0				12.0			
TOTALS	20.2	336.6	1889.9	1,262.2	68.0	185.4	2,729.5	125.3	60.1	422.6
USE	20.0	337.0	1890.0	1,263.0	68.0	186.0	2,730.0	126.0	60.0	423.0

JOINT SEALER	
Z0032470	
LOCATION	FOOT
NB- VARIOUS	300
SB- VARIOUS	100
TOTAL	400

SCHEDULE OF QUANTITIES
CLASS B PATCHING 10"

STATION	LOCATION	LENGTH	WIDTH	TYPE II	TYPE III	DOWEL BARS	SAW CUTS	TIE BARS,	PAVEMENT		
						1 1/2"		1/2"	FABRIC		
				44200970	44200974	44201299	44213200	44213198	44213100		
		(FT)	(FT)	(SQ. YD.)	(SQ. YD.)	(EACH)	(FT)	(EACH)	(SQ. YD.)		
NORTHBOUND	NORTHBOUND										
192+17.00	EXIT	6	14	9.3		24.0	60.0				
192+47.00	EXIT	6	14	9.3		24.0	60.0				
193+50.00	EXIT	6	13	8.7		22.0	57.0				
193+71.00	EXIT	6	13	8.7		22.0	57.0				
194+05.00	EXIT	12	12		16.0	20.0	72.0		16.0		
194+20.00	EXIT	6	27		18.0	50.0	99.0		18.0		
194+38.00	TRUCK EXIT	6	13	8.7		22.0	57.0				
				NB SUB-TOTALS		44.7	34.0	184.0	462.0	0.0	34.0
SOUTHBOUND	SOUTHBOUND										
147+10.00	EXIT	6	16	10.7		28.0	66.0				
146+69.00	EXIT	6.5	16	11.6		28.0	67.5				
145+88.00	EXIT	8	9	8.0		14.0	51.0				
133+63.00	ENTRANCE	6	16	10.7		28.0	66.0				
133+48.00	ENTRANCE	9	16		16.0	28.0	75.0		16.0		
133+32.00	ENTRANCE	6	16	10.7		28.0	66.0				
133+21.00	ENTRANCE	6	16	10.7		28.0	66.0				
132+98.00	ENTRANCE	6	16	10.7		28.0	66.0				
				SB SUB-TOTALS		72.9	16.0	210.0	523.5	0.0	16.0
				TOTALS		117.6	50.0	394.0	985.5	0.0	50.0
				USE		118.0	50.0	394.0	986.0	0.0	50.0

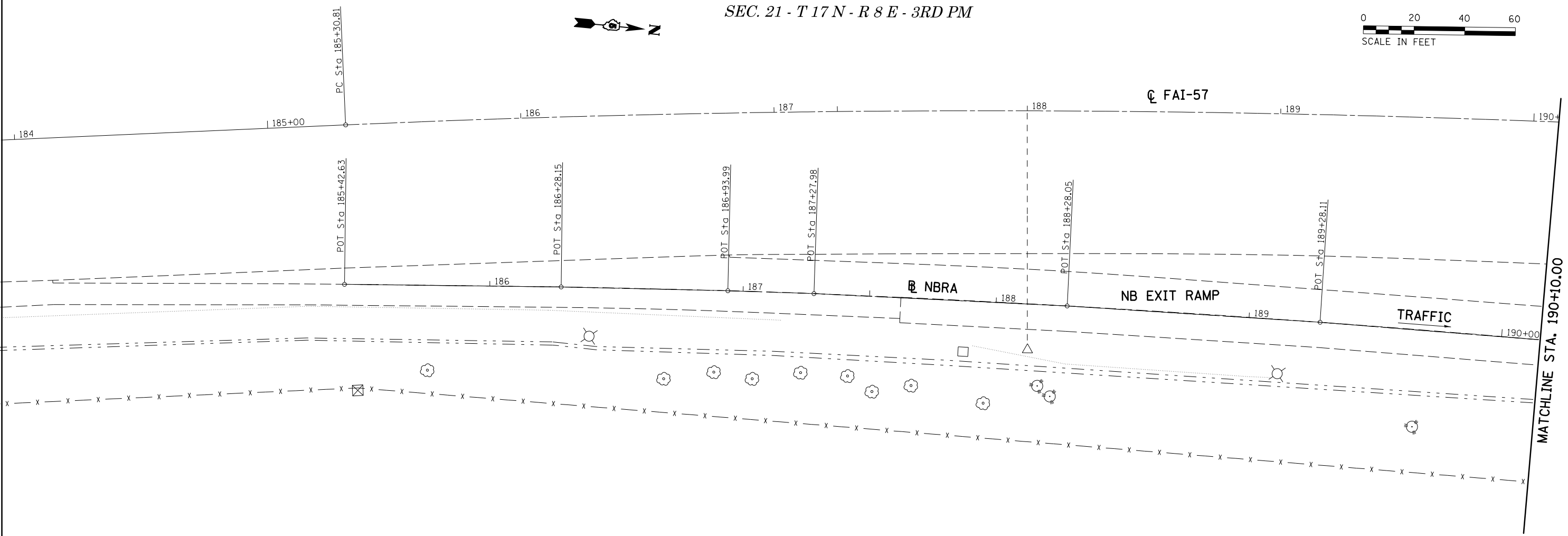
SCHEDULE OF QUANTITIES

DRAINAGE ITEMS

ID	STATION	OFFSET		PIPE DRAINS											INLETS, TYPE A WITH TYPE 1 FRAME AND LID (60235300)	INLETS, SPECIAL (X6024240)	VANE DRAINS (X0323344)	CONNECTION TO EXISTING STRUCTURE (XX003424)		
				3"			6" SPECIAL (X6011705)					8" SPECIAL (X6011805)								
				PIPE	FITTINGS	FOOT	PIPE	FITTINGS*				PIPE	FITTINGS*							
								45 DEG.	90 DEG.	60 DEG.	45 DEG.		22.5 DEG.	TEE					90 DEG.	60 DEG.
FOOT	EACH	FOOT	EACH	EACH	EACH	EACH	EACH	FOOT	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH			
NORTHBOUND ILLINI PRAIRIE REST AREA																				
S1	201+07.7	162.8	LT														1.0			
SS 1-2						21.0	2.0													
S2	200+91.3	152.7	LT														1.0			
S3	200+85.7	121.4	LT														1.0			
SS 2-4						56.5	1.0			1.0										
SS 3-4						22.0	1.0													
S4	200+63.8	122.3	LT											1.0						
SS 4-5										85.0			1.0							
S5	200+66.6	42.8	LT															1.0		
S6	201+48.5	154.3	LT														1.0			
SS 6-7						21.0	2.0													
S7	201+54.2	141.1	LT														1.0			
S8	201+48.7	109.7	LT														1.0			
SS 7-9						53.0	1.0		1.0	1.0										
SS 8-9						19.0	1.0													
S9	201+66.7	106.4	LT												1.0					
SS 9-10										82.0										
S10	202+19.6	42.5	LT															1.0		
NB SUBTOTAL				0.0	0.0	192.5	8.0	0.0	0.0	1.0	2.0	167.0	0.0	0.0	1.0	0.0	2.0	6.0	0.0	2.0
SOUTHBOUND ILLINI PRAIRIE REST AREA																				
S11	138+53.2	159.5	RT														1.0			
SS 11-12						21.0	2.0													
S12	138+63.6	149.7	RT														1.0			
S13	138+69.8	117.9	RT														1.0			
SS 12-14						57.0	1.0		1.0											
SS 13-14						23.0	1.0													
S14	138+92.5	120.4	RT											1.0						
SS 14-15										86.0		1.0		1.0						
S15	138+90.7	42.3	RT															1.0		
S16	138+06.5	150.7	RT														1.0			
SS 16-17						21.0	2.0													
S17	138+00.5	137.2	RT														1.0			
S18	138+38.9	108.0	RT														10.0			
S19	138+06.8	106.0	RT														1.0			
SS 17-20						50.0		2.0	1.0											
SS 18-20				49.0	1.0															
SS 19-20						21.0	1.0													
S20	137+86.3	102.1	RT											1.0						
SS 20-21										94.0	1.0	2.0								
S21	137+35.9	42.4	RT															1.0		
SB SUBTOTAL				49.0	1.0	193.0	7.0	0.0	2.0	0.0	2.0	180.0	1.0	3.0	0.0	1.0	2.0	6.0	10.0	2.0
TOTAL				49.0	1.0	385.5	15.0	0.0	2.0	1.0	4.0	347.0	1.0	3.0	1.0	1.0	4.0	12.0	10.0	4.0
USE						386.0					347.0					4.0	12.0	10.0	4.0	

*** NOTES:**

1. 3" PIPE DRAIN AND FITTINGS ARE INCLUDED IN THE VANE DRAIN PAY ITEM AND THE ESTIMATED QUANTITY IS SHOWN FOR INFORMATION ONLY.
2. PIPE DRAIN FITTINGS ARE INCLUDED IN THE UNIT PRICE OF THE APPLICABLE PIPE DRAIN PAY ITEM AND ESTIMATED FITTING QUANTITIES ARE LISTED FOR INFORMATION ONLY.



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	PLOT DATE = 3/19/2015	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

*05 REST AREA REPAIR 2015-1				
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	•	CHAMPAIGN	35	12
CONTRACT NO. 70B24				
ILLINOIS FED. AID PROJECT				

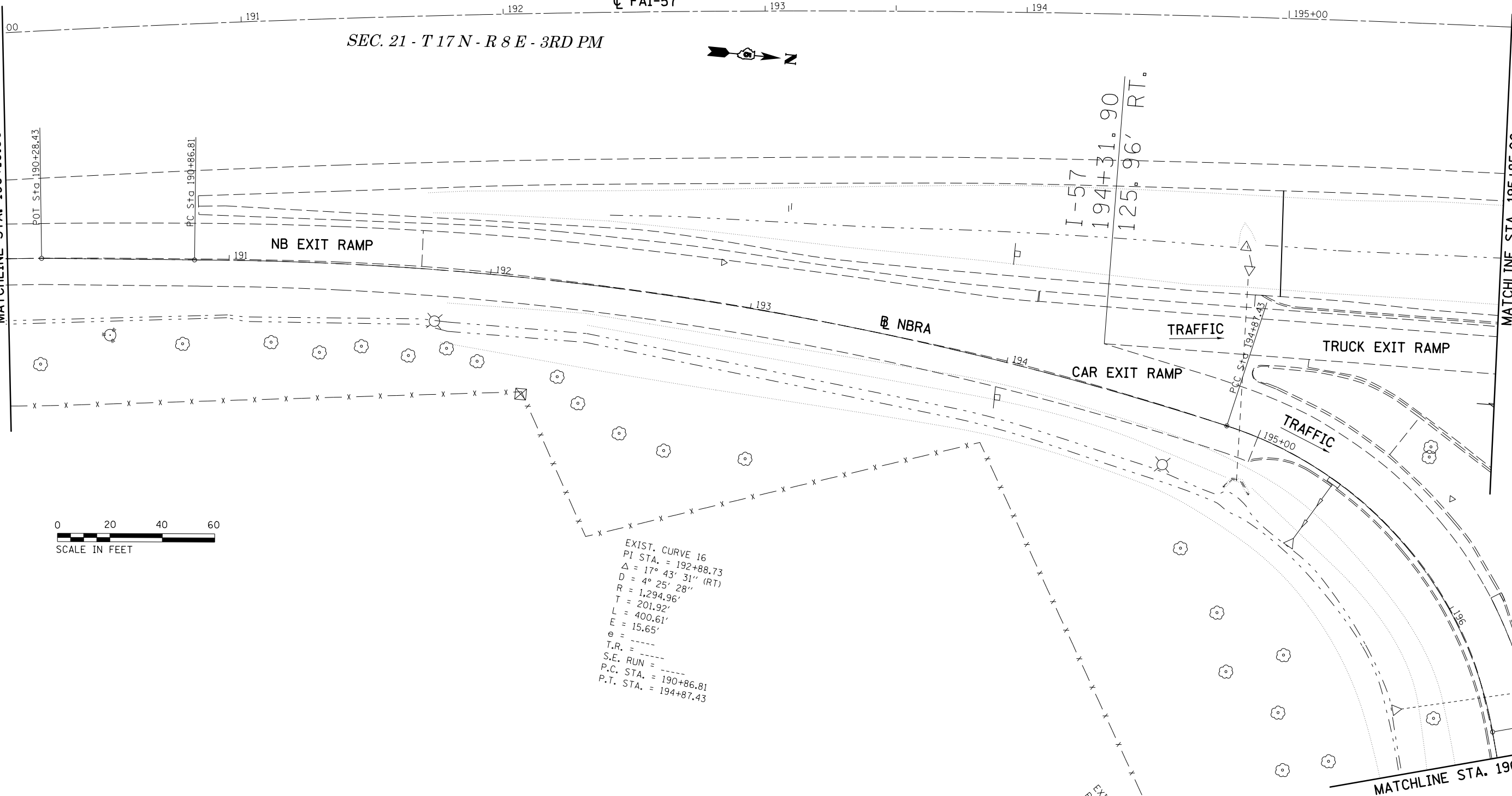
FAI-57

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



MATCHLINE STA. 190+10.00

MATCHLINE STA. 195+85.00



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)
 $D = 62^\circ 11' 46''$
 $R = 150.00'$
 $T = 90.28'$
 $L = 162.54'$
 $E = 25.07'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 194+87.43$
 $P.T. STA. = 196+91.91$

MATCHLINE STA. 196+60.00

*D5 REST AREA REPAIR 2015-1

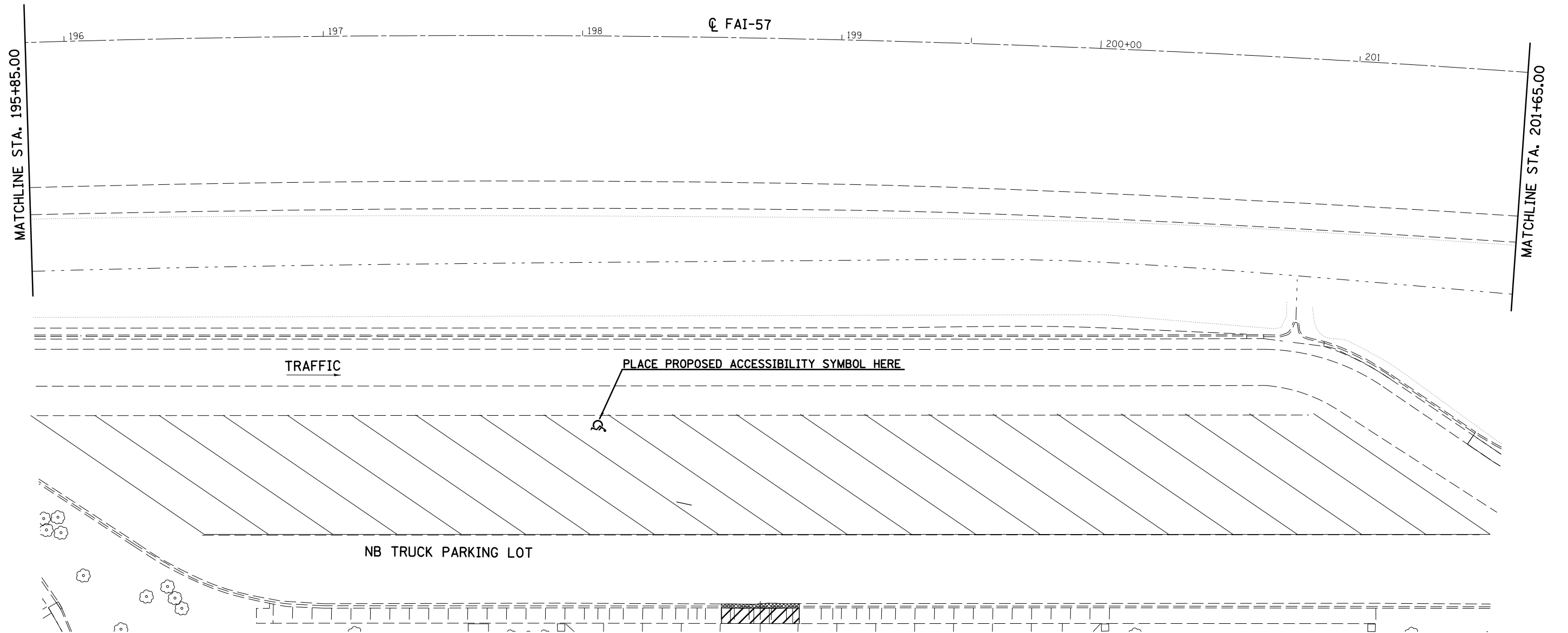
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MODELNAME	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/19/2015	DATE -	REVISED -

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	35	13
			CONTRACT NO. 70B24	
ILLINOIS FED. AID PROJECT				



LOCATION # 4
SEE DETAIL SHT. 33

- PCC SIDEWALK, 5" REMOVE & REPLACE
- COMB. CURB & GUTTER REMOVE & REPLACE

FILE NAME =	USER NAME = dawsonkb	DESIGNED -	REVISED -
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\$MODELNAME\$	PLOT DATE = 3/19/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLINI PRAIRIE REST AREA (NORTHBOUND)			
SCALE: 1" = 20'	SHEET 3	OF 6 SHEETS	STA. 195+85.00 TO STA. 201+65.00

*D5 REST AREA REPAIR 2015-1				
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	CHAMPAIGN	35	14
			CONTRACT NO. 70B24	
ILLINOIS FED. AID PROJECT				

MATCHLINE STA. 196+60.00

LOCATION # 4 (SEE DETAIL SHT. 33)

EXISTING CURB & GUTTER, B-9.12

PROPOSED PCC SIDEWALK, 4"



P.O. Sta 197+84.71

MATCHLINE 204+50.00
P. Sta 204+28.98

CAR EXIT RAMP

SEE DETAIL SHT. 31
LOCATION # 1 LOCATION # 2

CAR ON RAMP

TRAFFIC

2' SPACING C. TO. C.

NB CAR PARKING LOT

EXISTING CURB & GUTTER, B-6.12

TRAFFIC

NBRA

LOCATION # 3
SEE DETAIL SHT. 32

EXIST. CURVE 23
PI STA. = 198+96.53
Δ = 86° 19' 43" (LT)
D = 48° 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

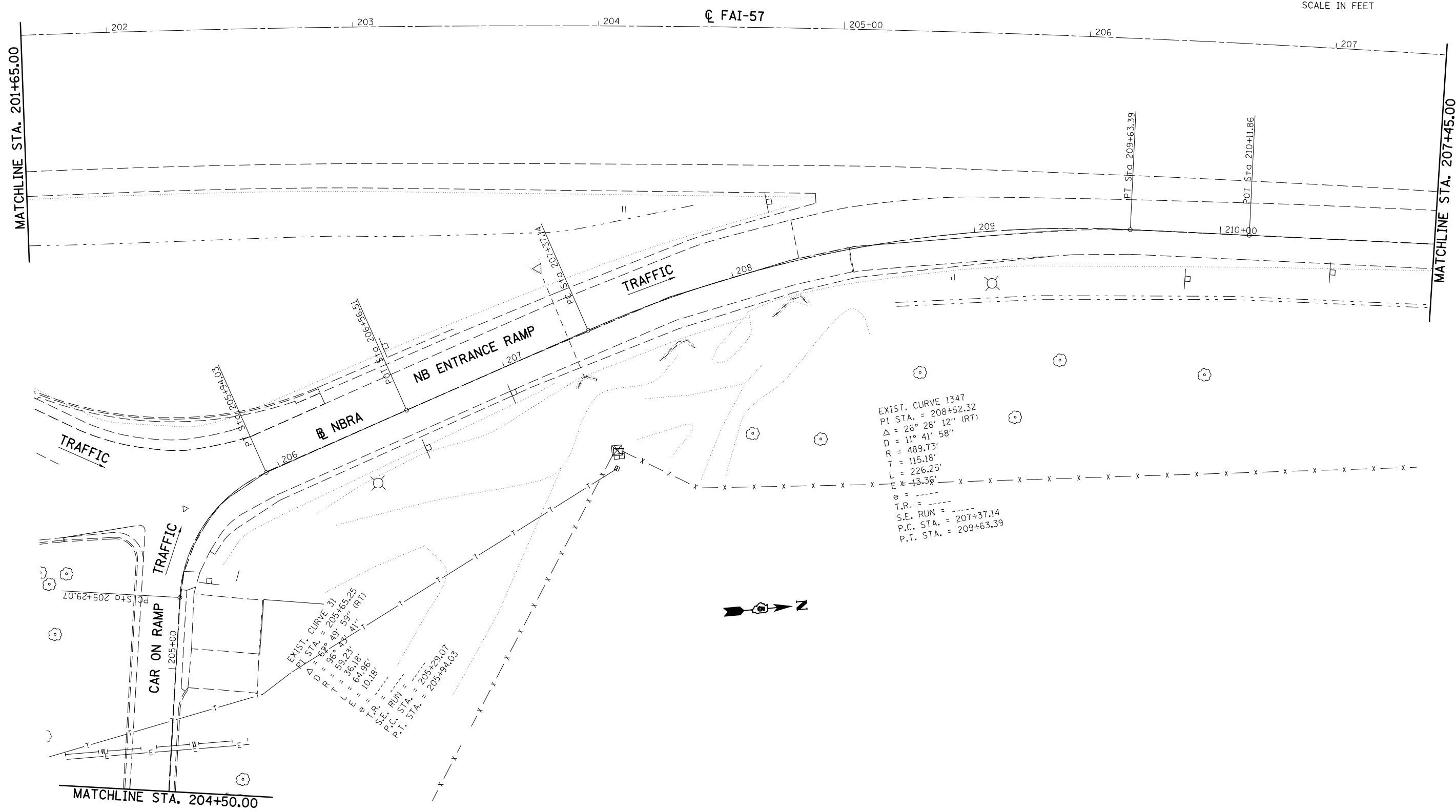
- BRICK SIDEWALK REMOVAL
- PCC SIDEWALK, 5" REMOVE & REPLACE
- COMB. CURB & GUTTER REMOVE & REPLACE

EXIST. CURVE 27
PI STA. = 203+79.49
Δ = 69° 59' 02" (LT)
D = 60° 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 2015-1

FILE NAME =	USER NAME = dawsonkb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ILLINI PRAIRIE REST AREA (NORTHBOUND)			F.A.I. R.T.E. = 57	SECTION = .	COUNTY = CHAMPAIGN	TOTAL SHEETS = 35	SHEET NO. = 15
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MODELNAME	PLOT DATE = 3/19/2015	CHECKED -	REVISED -		ILLINOIS FED. AID PROJECT							
		DATE -	REVISED -									



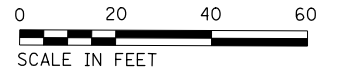
SEC. 21 - T 17 N - R 8 E - 3RD PM

•D5 REST AREA REPAIR 2015-1

FILE NAME =	USER NAME = dawsonkb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ILLINI PRAIRIE REST AREA (NORTHBOUND)			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw_work\p1dot\dawsonkb\0422371\0578824-sht-plan.dgn	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -					57	•	CHAMPAIGN	35	16
MODELNAME	PLOT DATE = 3/19/2015	CHECKED -	REVISED -		SCALE: 1" = 20'			SHEET 5 OF 6 SHEETS	STA. 201+65.00 TO STA. 207+45.00	CONTRACT NO. 70B24		
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

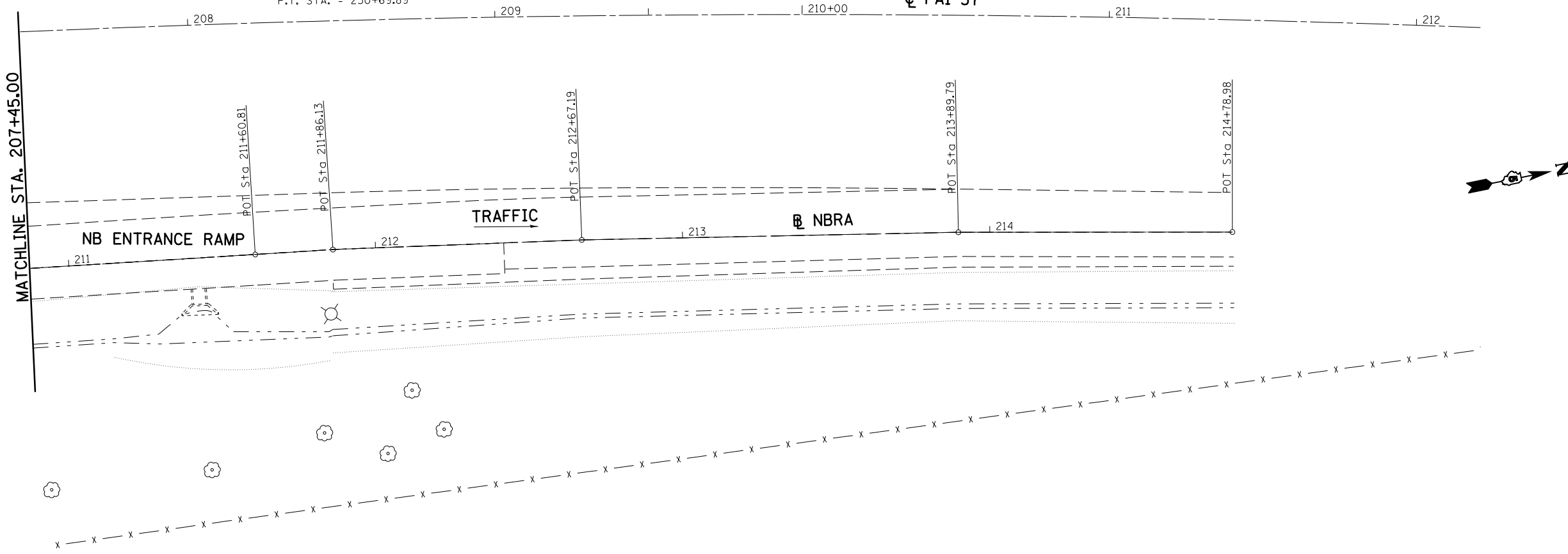
E = 480.86
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 185+30.81
 P.T. STA. = 230+69.89

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



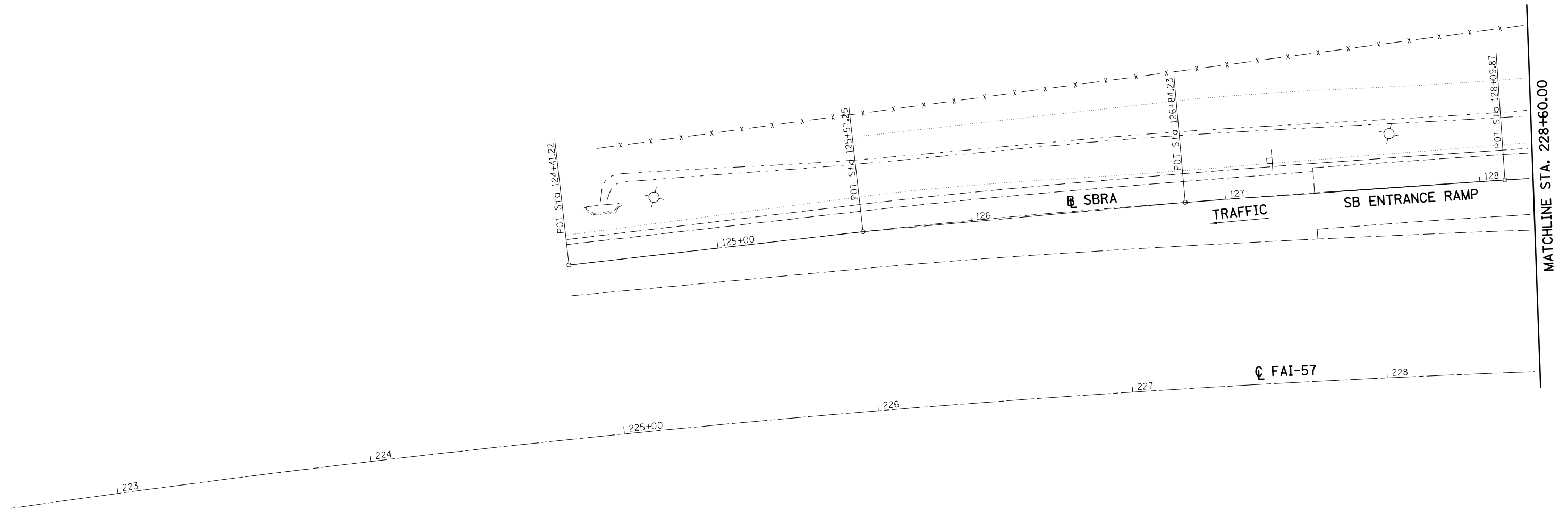
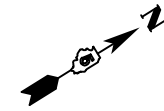
FAI-57

MATCHLINE STA. 207+45.00



•D5 REST AREA REPAIR 2015-1

FILE NAME =	USER NAME = dawsonkb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ILLINI PRAIRIE REST AREA (NORTHBOUND)	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ci:\pw\work\p\idot\dawsonkb\0422371\0578824-sht-plan.dgn	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -			57	•	CHAMPAIGN	35	17	
\$MODELNAME\$	PLOT DATE = 3/19/2015	CHECKED -	REVISED -			CONTRACT NO. 70B24		ILLINOIS FED. AID PROJECT			
		DATE -	REVISED -			SCALE: 1" = 20'	SHEET 6 OF 6 SHEETS	STA. 204+45.00 TO STA. 212+00.00			



•D5 REST AREA REPAIR 2015-1

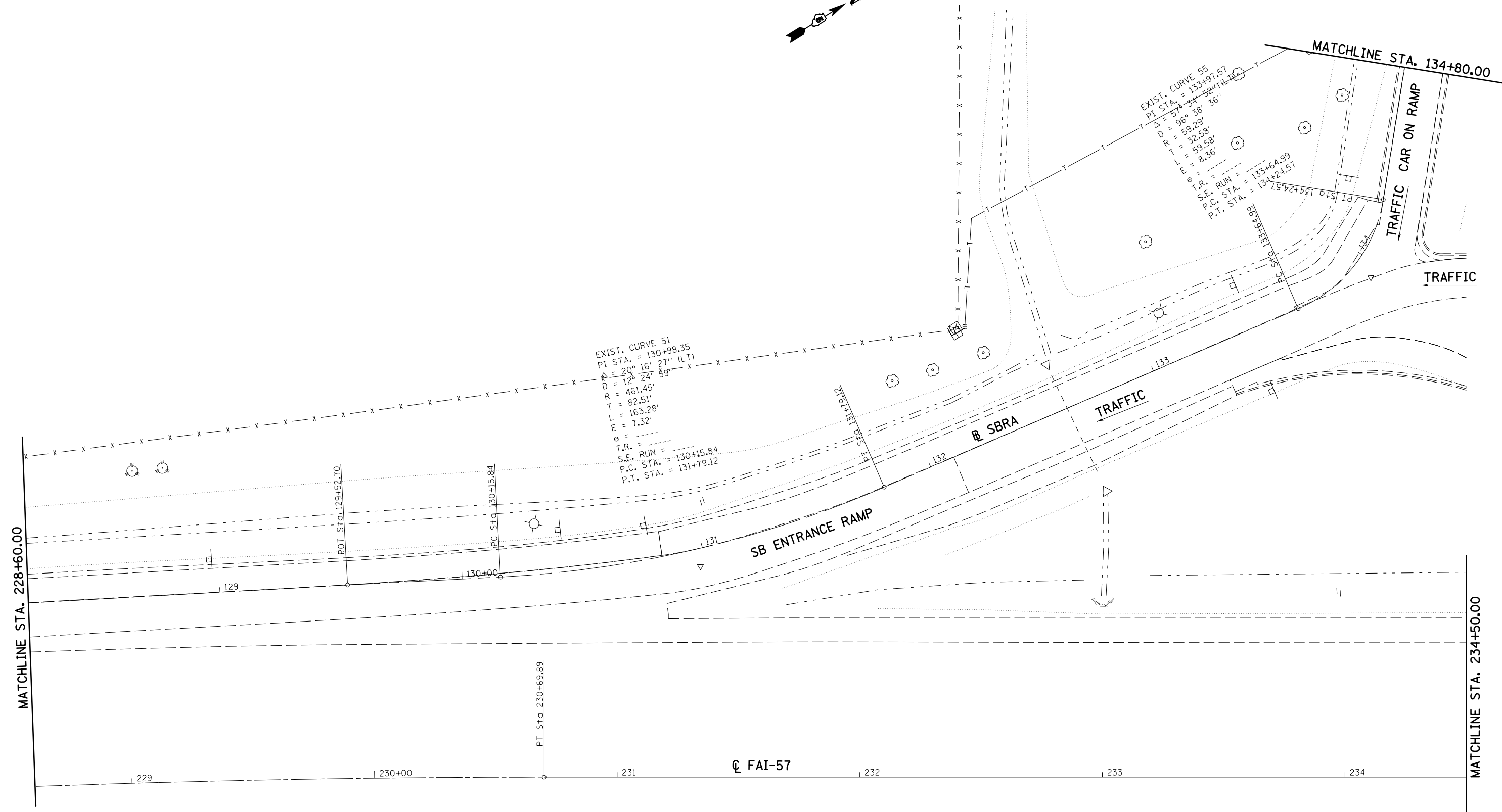
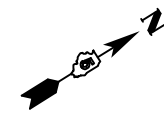
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\$MODELNAME\$	PLOT DATE = 3/19/2015	DATE -	REVISED -

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	35	18
CONTRACT NO. 70B24			ILLINOIS FED. AID PROJECT	



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	PLOT DATE = 3/19/2015	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

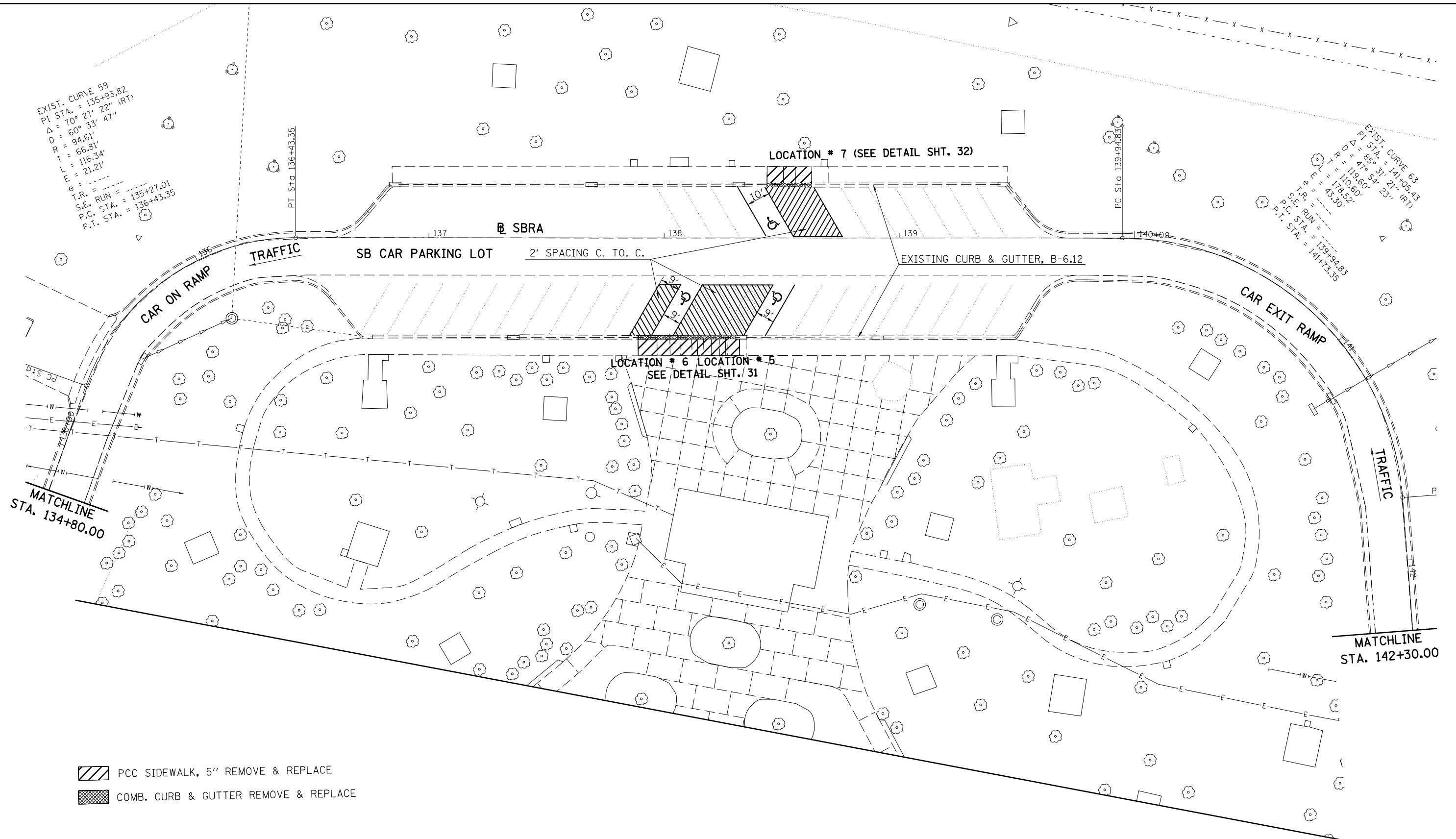
**ILLINI PRAIRIE REST AREA
(SOUTHBOUND)**

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

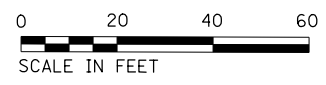
*D5 REST AREA REPAIR 2015-1				
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	.	CHAMPAIGN	35	19
			CONTRACT NO. 70B24	
ILLINOIS FED. AID PROJECT				

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)
 $D = 119.60'$
 $T = 118.52'$
 $L = 43.30'$
 $e =$
 T.R. =
 S.E. RUN = 139+94.83
 P.C. STA. = 141+73.35
 P.T. STA. =



- PCC SIDEWALK, 5" REMOVE & REPLACE
- COMB. CURB & GUTTER REMOVE & REPLACE

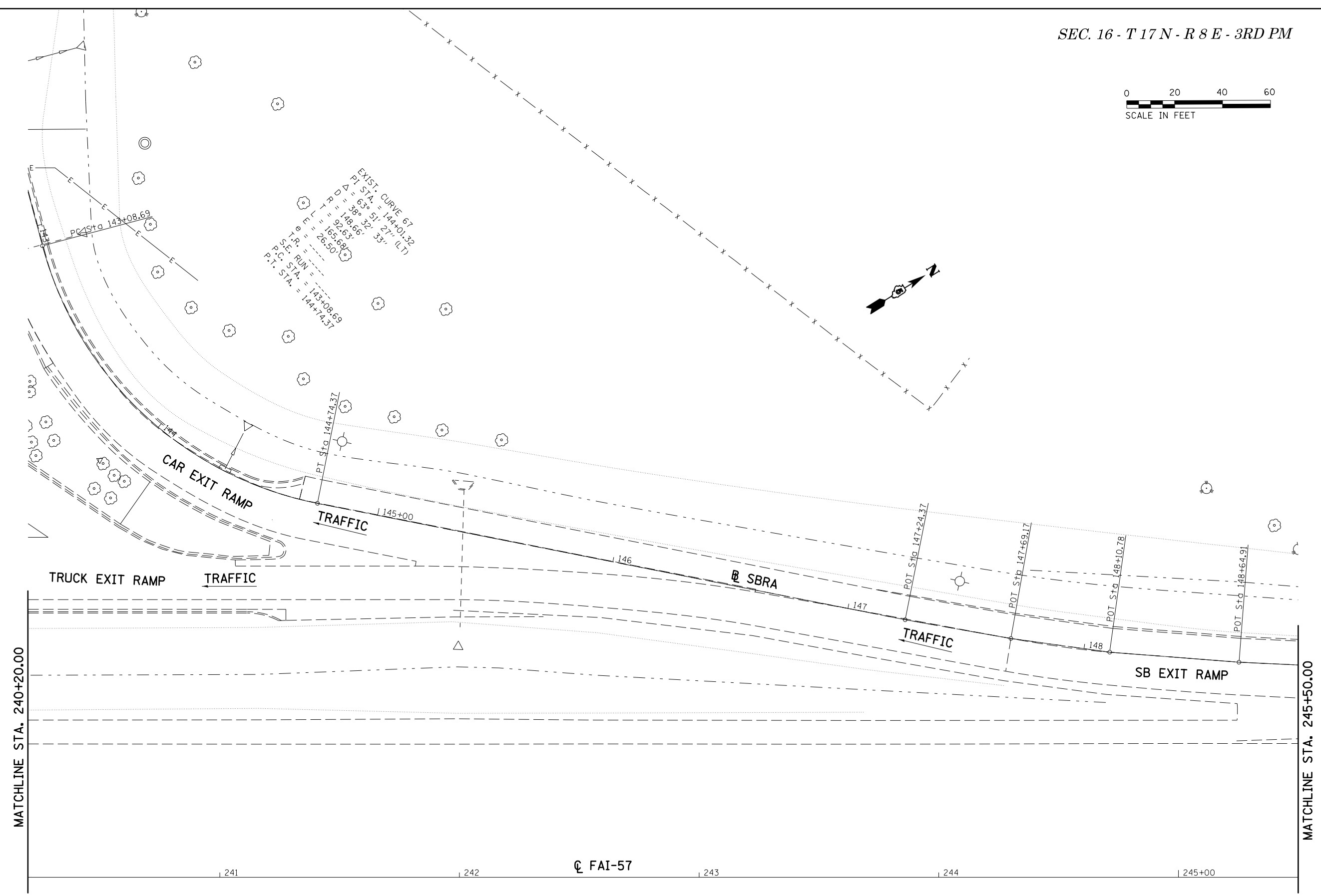


SEC. 16 - T 17 N - R 8 E - 3RD PM

FILE NAME =	USER NAME = dawsonkb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ILLINI PRAIRIE REST AREA (SOUTHBOUND)	F.A.I. RTE. =	SECTION =	COUNTY =	TOTAL SHEETS =	SHEET NO. =	
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						ILLINOIS FED. AID PROJECT					

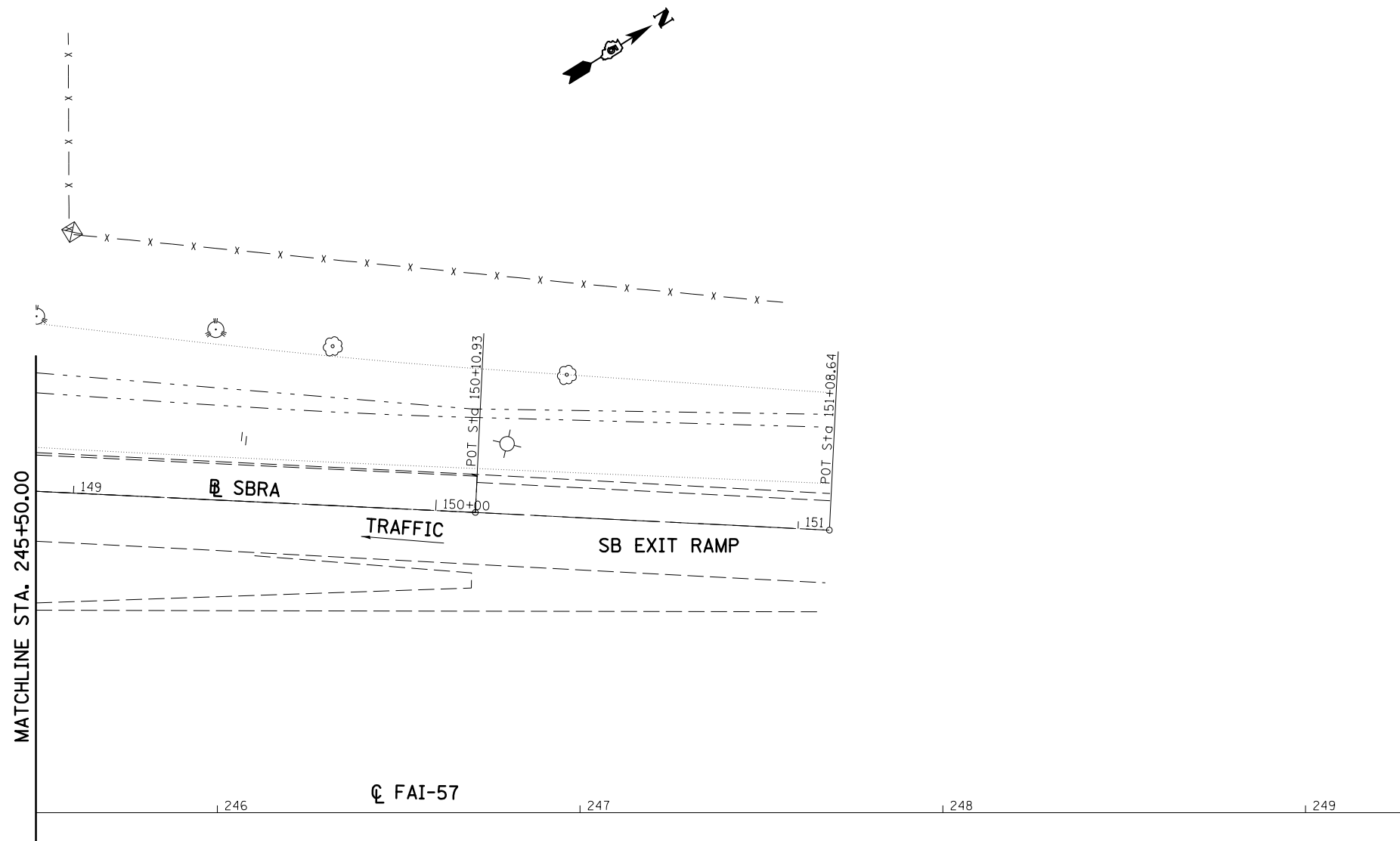
*D5 REST AREA REPAIR 2015-1

SCALE: 1" = 20' SHEET 4 OF 6 SHEETS STA. 134+80.00 TO STA. 142+30.00



FILE NAME = c:\pwork\pwork\dawsonkb\0422371\0578B24-sht-plan.dgn				USER NAME = dawsonkb				DESIGNED - DRAWN - CHECKED - DATE -				REVISED - REVISED - REVISED - REVISED -				STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				ILLINI PRAIRIE REST AREA (SOUTHBOUND)				F.A.I. RTE. 57		SECTION .		COUNTY CHAMPAIGN		TOTAL SHEETS 35		SHEET NO. 22	
PLOT SCALE = 40.0000' / in.				PLOT DATE = 3/19/2015				SCALE: 1" = 20'				SHEET 5 OF 6 SHEETS								STA. 240+20.00 TO STA. 245+50.00				CONTRACT NO. 70B24				ILLINOIS FED. AID PROJECT					

•D5 REST AREA REPAIR 2015-1



FILE NAME =	USER NAME = dawsonkb	DESIGNED -	REVISED -
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\$MODELNAME\$	PLOT DATE = 3/19/2015	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

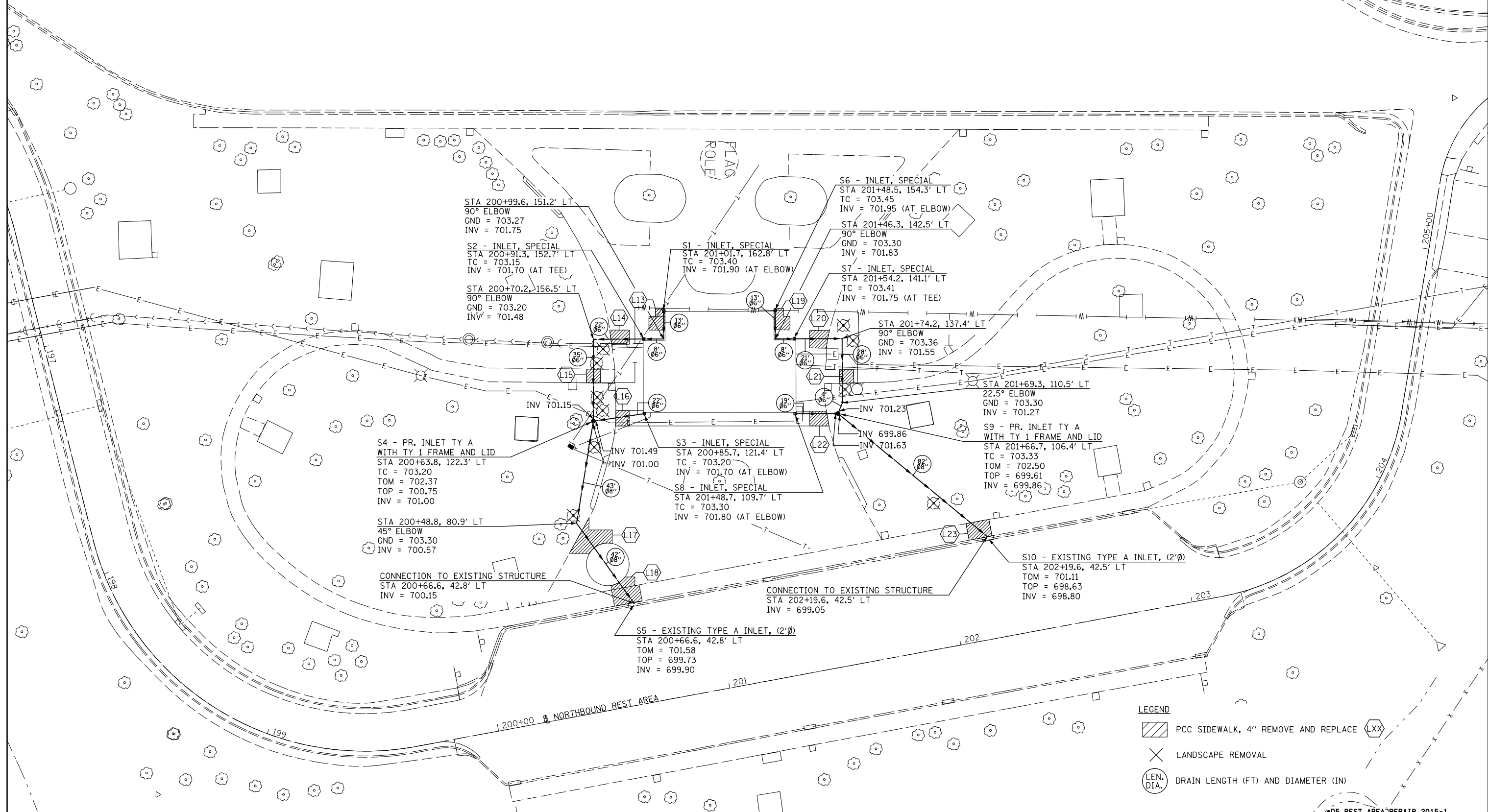
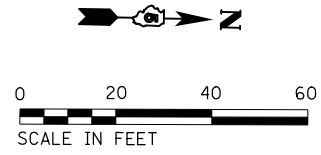
**ILLINI PRAIRE REST AREA
(SOUTHBOUND)**

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

*05 REST AREA REPAIR 2015-1

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	CHAMPAIGN	35	23
			CONTRACT NO. 70B24	
ILLINOIS FED. AID PROJECT				

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



LEGEND

- PCC SIDEWALK, 4" REMOVE AND REPLACE (LXX)
- LANDSCAPE REMOVAL
- DRAIN LENGTH (FT) AND DIAMETER (IN)

FILE NAME =	USER NAME = dawnsnkb	DESIGNED -	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

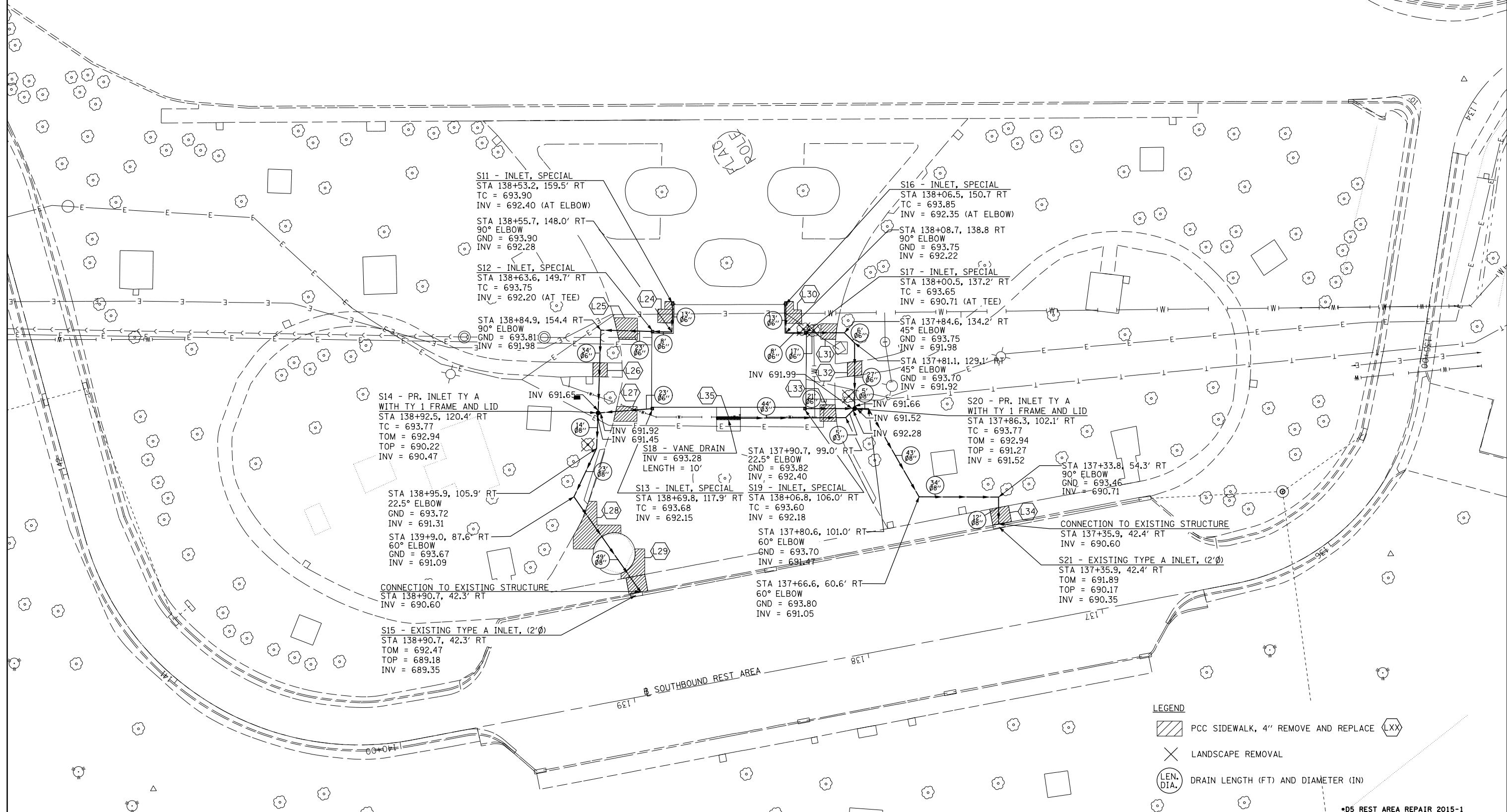
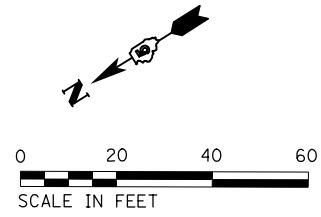
**ILLINI PRAIRIE REST AREA
DRAINAGE: NORTHBOUND**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	.	CHAMPAIGN	35	24
			CONTRACT NO. 70B24	
ILLINOIS FED. AID PROJECT				

•D5 REST AREA REPAIR 2015-1

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



LEGEND

- PCC SIDEWALK, 4" REMOVE AND REPLACE (LXX)
- LANDSCAPE REMOVAL
- DRAIN LENGTH (FT) AND DIAMETER (IN)

•D5 REST AREA REPAIR 2015-1

FILE NAME =	USER NAME = dawsonkb	DESIGNED -	REVISED -
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		CHECKED -	REVISED -
		DATE -	REVISED -
\$MODELNAME\$	PLOT DATE = 3/19/2015		

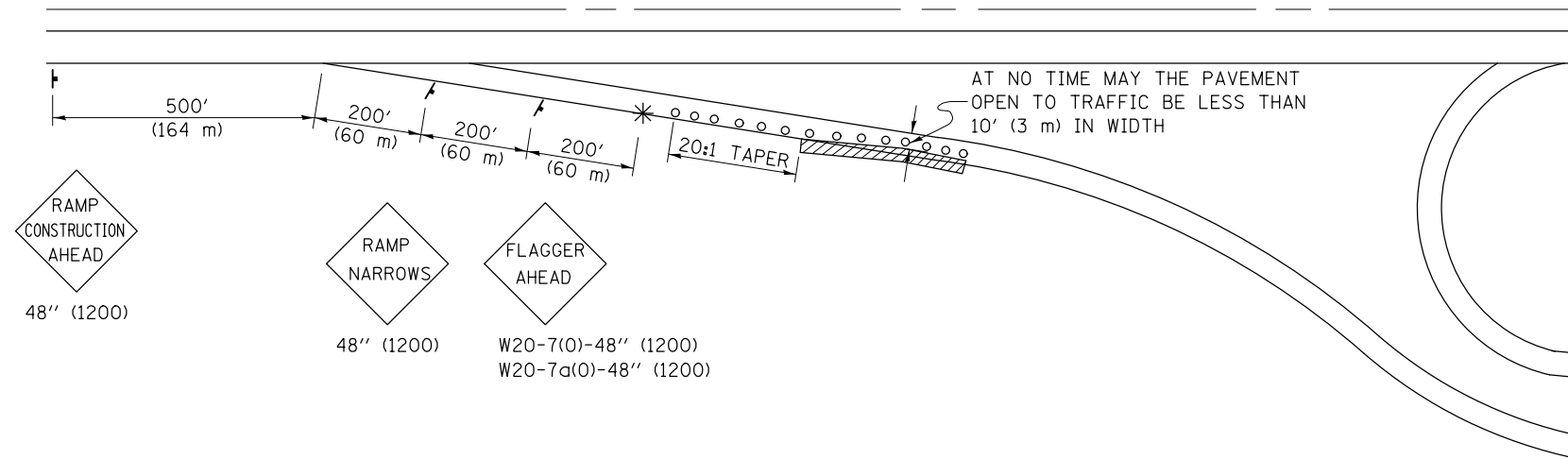
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ILLINI PRAIRIE REST AREA
 DRAINAGE: SOUTHBOUND**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	•	CHAMPAIGN	35	25
			CONTRACT NO. 70B24	
ILLINOIS FED. AID PROJECT				

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



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.

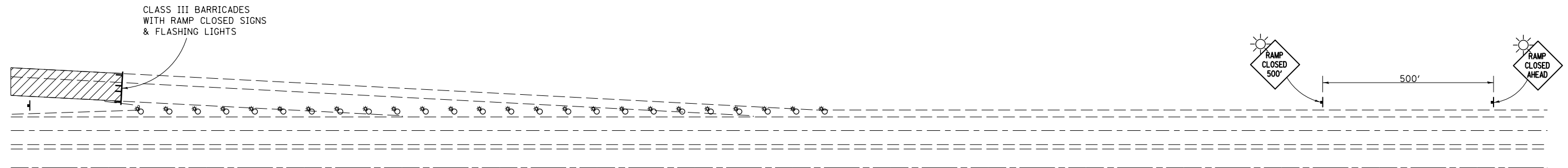
SYMBOLS

- (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
- PIPE UNDERDRAINS
- HMA RESURFACING

**APPLICATION NO. 2
RAMP CLOSURE**



GENERAL NOTES

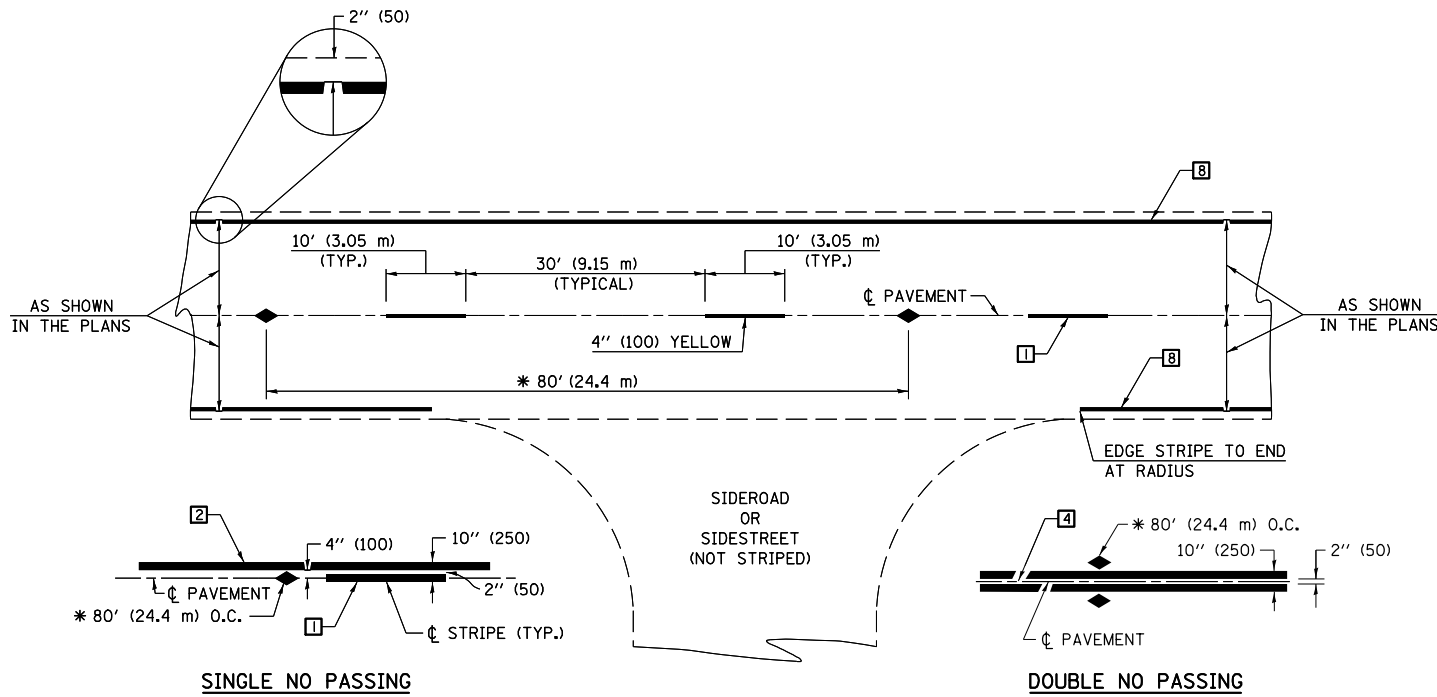
STEADY BURN LIGHTS ARE NOT REQUIRED FOR DAYTIME OPERATIONS.

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.

FILE NAME =	USER NAME = dawsonkb	DESIGNED -	REVISED - 11/06	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\p\idot\dawsonkb\0422371\0578824-sht-details.dgn	DRAWN -	REVISED - BJH 3/5/2012	57			.	CHAMPAIGN	35	26	
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 70B24							
PLOT DATE = 3/19/2015	DATE -	REVISED -	FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT							

• D5 REST AREA REPAIR 2015-1



* REDUCE TO 40' (12.2 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEEDS OF 45 mph (70 km/h) OR LESS.

TWO LANE/TWO WAY

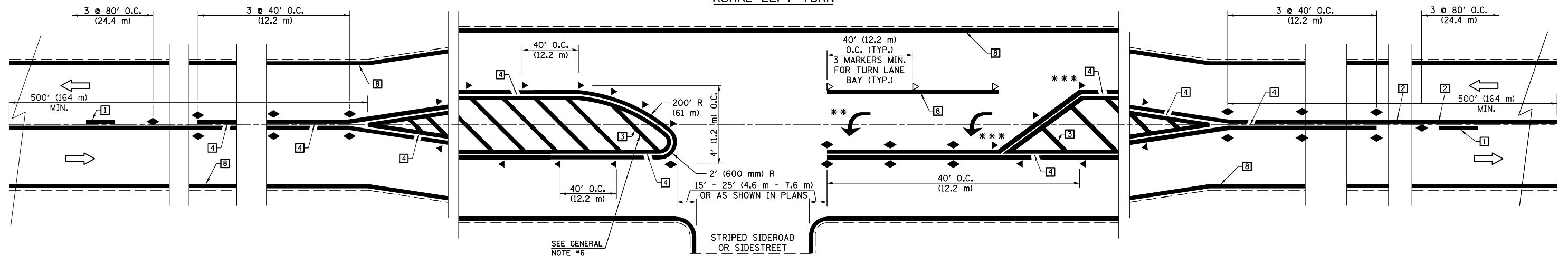
TYPICAL PAVEMENT MARKING LEGEND

- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 RESERVED
- 6 RESERVED
- 7 4" (100) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)
- 12 8" (200) SOLID (WHITE)
- 13 4" (100) LANE LINE EXTENSIONS (WHITE)
- 14 4" (100) PARKING WHITE

TYPICAL PAVEMENT MARKERS LEGEND

- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER

RURAL LEFT TURN



*** REDUCE SPACING IF NECESSARY TO ASSURE MARKERS AT CORNER POINTS.

** TURN ARROWS SHALL BE PLACED AS SHOWN ON SHEET #2.

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

• D5 REST AREA REPAIR 2015-1

DISTRICT 5 DETAIL NO. 7800AAAA

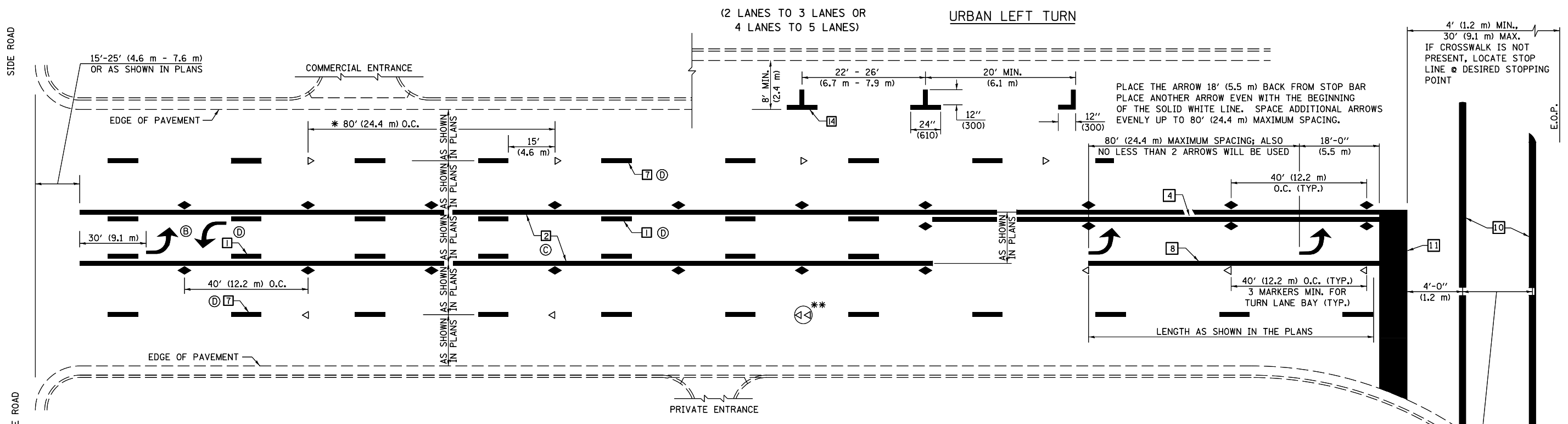
FILE NAME =	USER NAME = dawsonkb	DESIGNED -	REVISED - 11/06
ei:\pwork\pwork\dot\dawsonkb\0422371\0578824-sht-details.dgn		DRAWN -	REVISED - 09/2009 - KJI
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/19/2015	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND MARKERS
(RURAL & URBAN APPLICATIONS)**

SCALE: _____ SHEET NO. 1 OF 4 SHEETS STA. _____ TO STA. _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	•	CHAMPAIGN	35	27
CONTRACT NO. 70B24				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				

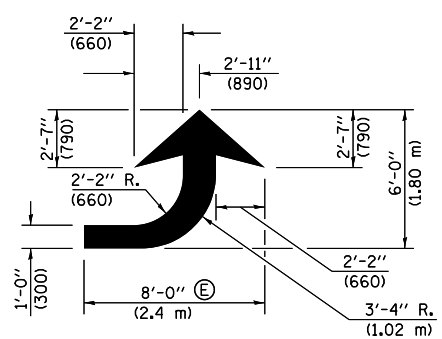


* REDUCE TO 40 FEET (12.2 METERS) ON CENTER ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH (15 km/h) LOWER THAN POSTED SPEEDS.

** DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED AND SPACED AS SHOWN IN HIGHWAY STANDARD 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED HIGHWAYS.

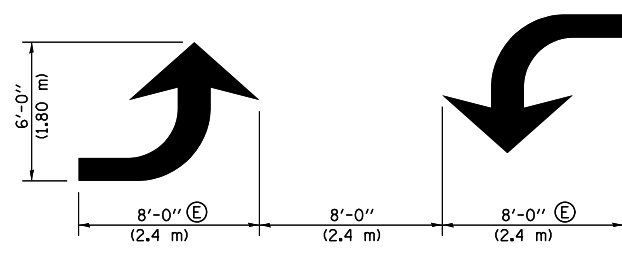
GENERAL NOTES:

- ⓑ TURN ARROW PAIRS SHALL BE PLACED AT 250' (75 m) INTERVALS AND SHALL BE EVENLY SPACED BETWEEN BOTH ENDS OF THE BIDIRECTIONAL LEFT TURN LANE.
- ⓒ THE SOLID YELLOW PAVEMENT MARKINGS [2] SHOULD GENERALLY START OR END NEAR THE RADIUS POINT OF EACH STREET RETURN EXCEPT WHERE ONE OR BOTH ENDS WOULD INCLUDE STOP BARS.
- ⓓ THE SKIP-DASH PAVEMENT MARKINGS [1] OR [7] SHOULD BE CENTERED BETWEEN BOTH ENDS OF EACH CITY BLOCK AND SHALL BE PLACED SO THEY LINE UP ACROSS FROM EACH OTHER. SEE EXAMPLE ON SHEET 2 OF 3.
- ⓔ USE LARGE ARROW SIZE FOR BOTH RURAL AND URBAN LOCATIONS. (SEE LAST PAGE OF SECTION 780x FOR SYMBOLS TABLE)



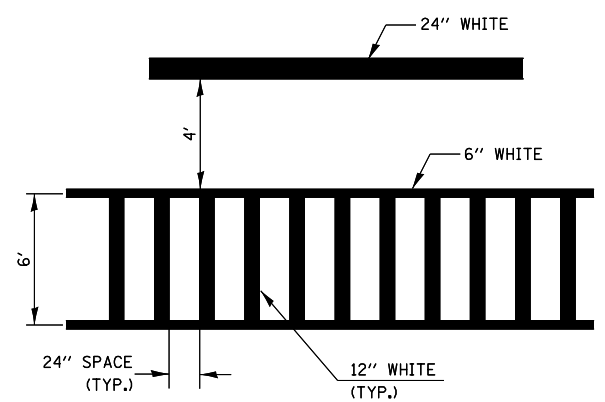
LEFT ARROW

REVERSE FOR RIGHT ARROW
AREA = 15.6 SQ. FT. (1.47 m²)
(WHITE)

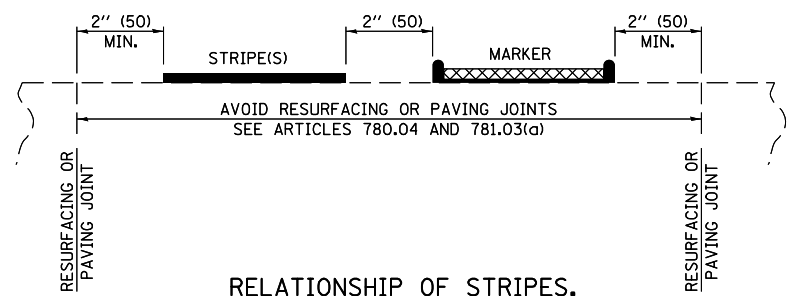


TYPICAL DOUBLE TURN ARROWS (WHITE)

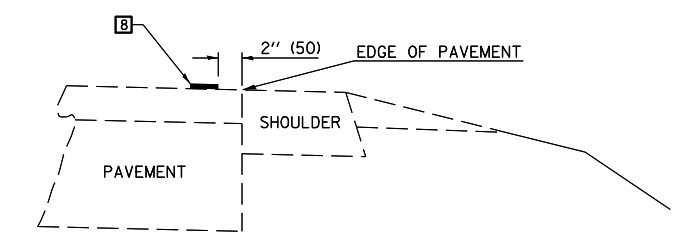
BLOOMINGTON-NORMAL CITY LIMITS ONLY



TYPICAL SPACING FOR CROSSWALKS & STOP BARS



RELATIONSHIP OF STRIPES, MARKERS AND JOINTS

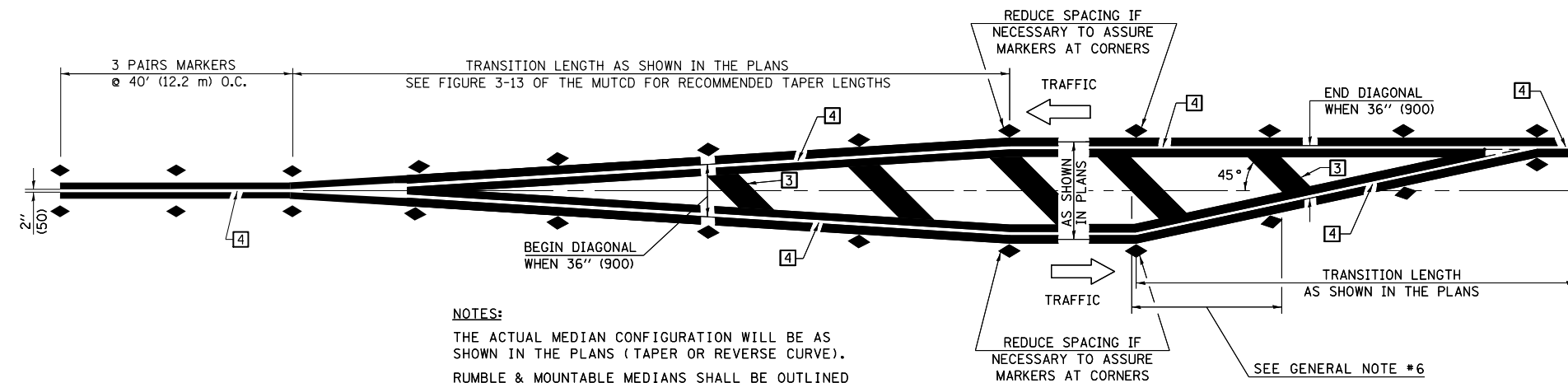


RELATIONSHIP OF EDGE LINE TO EDGE OF PAVEMENT (SAFETY SHOULDER OR PAVED SURFACE) SEE ARTICLE 780.04

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.
• D5 REST AREA REPAIR 2015-1

DISTRICT 5 DETAIL NO. 7800AAA

FILE NAME = c:\pwork\work\pwork\dawsonkb\0422371\057824-sht-detail.dgn	USER NAME = dawsonkb	DESIGNED -	REVISED - 11/06	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)	F.A.I. RTE. = 57	SECTION =	COUNTY = CHAMPAIGN	TOTAL SHEETS = 35	SHEET NO. = 28
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED - 09/2009 = KJI			SCALE: _____	SHEET NO. 2_ OF 4_ SHEETS	STA. _____ TO STA. _____	CONTRACT NO. 70B24	
PLOT DATE = 3/19/2015	DATE -	REVISED -	REVISED -							

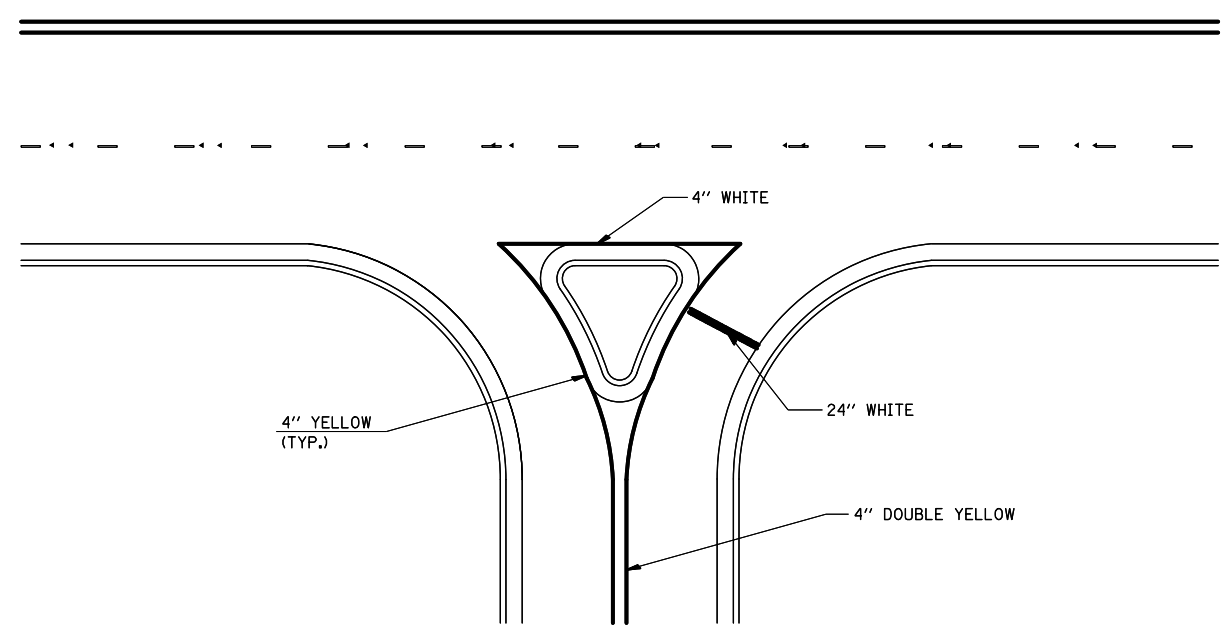


NOTES:
 THE ACTUAL MEDIAN CONFIGURATION WILL BE AS SHOWN IN THE PLANS (TAPER OR REVERSE CURVE).
 RUMBLE & MOUNTABLE MEDIANS SHALL BE OUTLINED WITH [2].

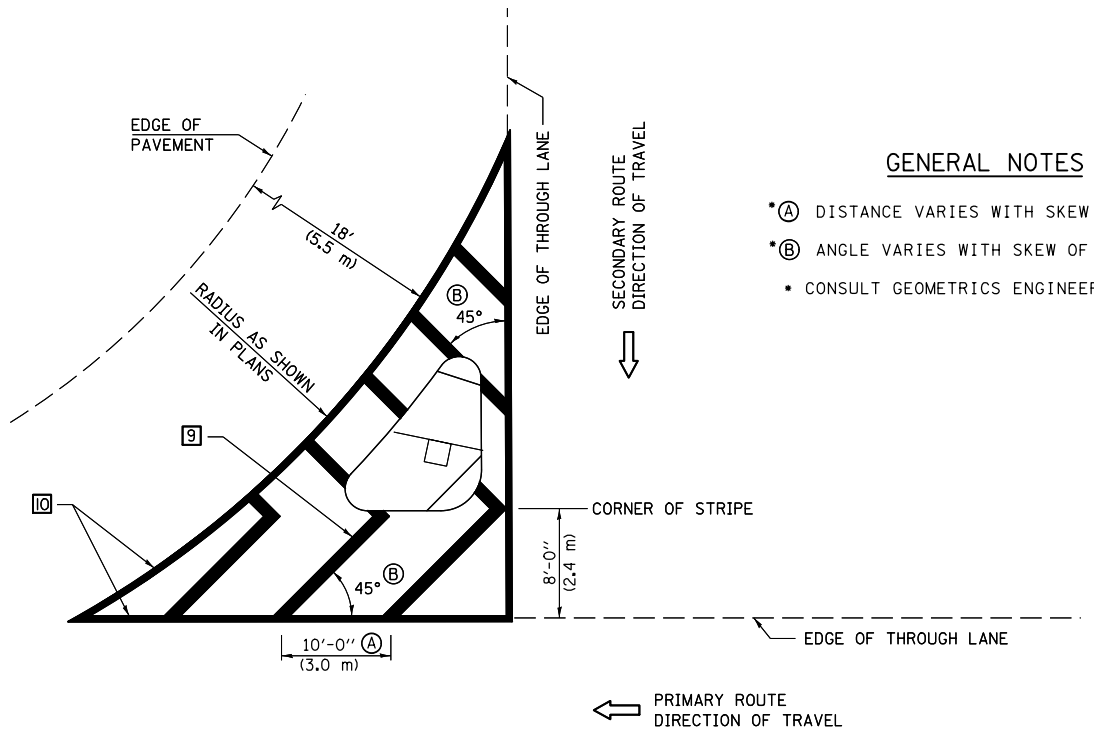
TYPICAL MEDIAN TRANSITIONS

GENERAL NOTES

1. WHEN MEDIANS ARE PRESENT, PAVEMENT MARKINGS ARE TO BE PLACED ADJACENT TO MEDIANS.
2. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
3. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
4. A STRIPING KEY IS AVAILABLE ELSEWHERE AND SHALL BE SHOWN WHERE THE QUANTITIES ARE LISTED.
5. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING ANY RAISED REFLECTIVE PAVEMENT MARKERS.
6. THE FOLLOWING CRITERIA SHALL BE USED FOR SELECTING THE DIAGONAL PAVEMENT MARKING SPACING,
 < 30 MPH USE 15' (< 50 km/h USE 4.5 m)
 30-45 MPH USE 20' (50-75 km/h USE 6.0 m)
 > 45 MPH USE 30' (> 75 km/h USE 9.0 m)



RIGHT IN - RIGHT OUT ACCESS



GENERAL NOTES

- (A) DISTANCE VARIES WITH SKEW OF INTERSECTION.
- (B) ANGLE VARIES WITH SKEW OF INTERSECTION.
- CONSULT GEOMETRICS ENGINEER

ISLAND

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.
 • D5 REST AREA REPAIR 2015-1

DISTRICT 5 DETAIL NO. 7800AAAA

FILE NAME =	USER NAME = dawsonkb	DESIGNED -	REVISED - 11/06
et:\pwork\pwork\dawsonkb\0422371\0578824-sht-details.dgn		DRAWN -	REVISED - 09/2009 - KJI
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/19/2015	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

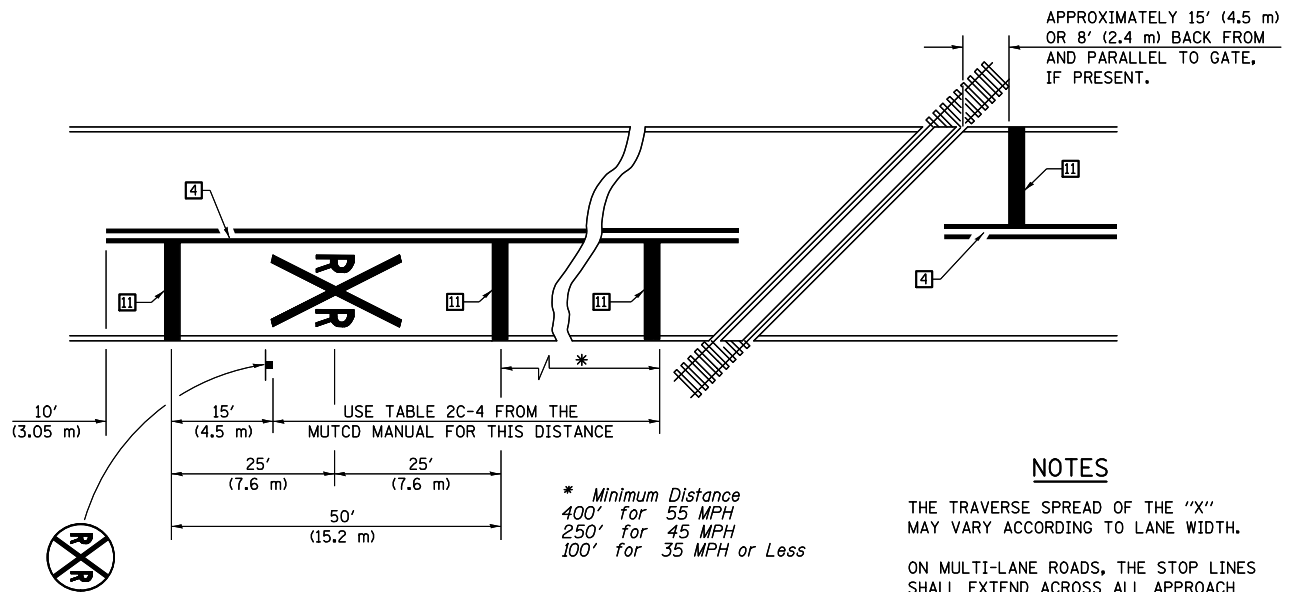
**PAVEMENT MARKING AND MARKERS
 (RURAL & URBAN APPLICATIONS)**

SCALE: _____ SHEET NO. 3 OF 4 SHEETS STA. _____ TO STA. _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	CHAMPAIGN	35	29
CONTRACT NO. 70B24				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				

RAILROAD CROSSING WITH INTERCONNECT ONLY

RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



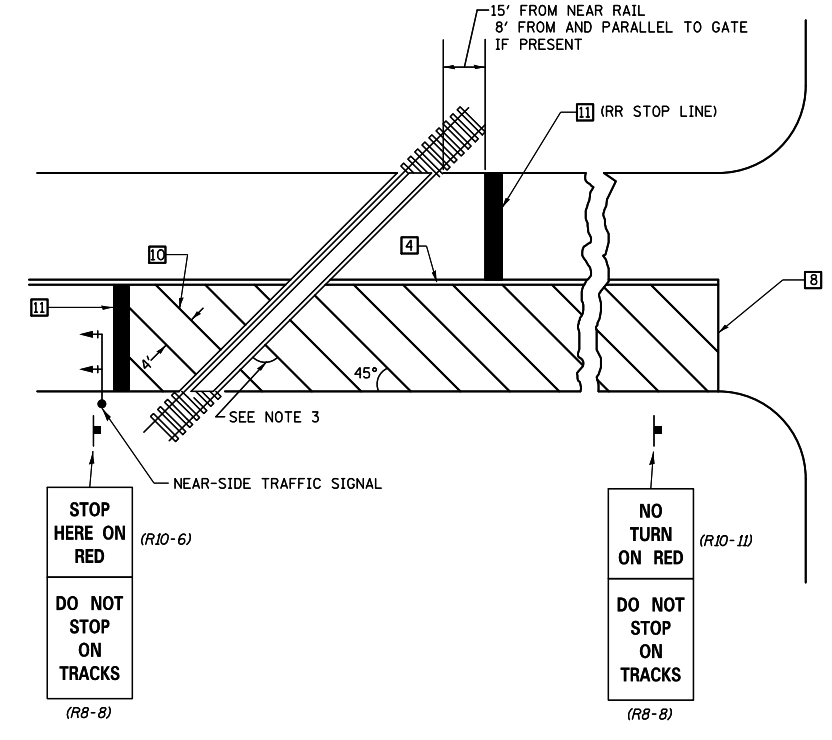
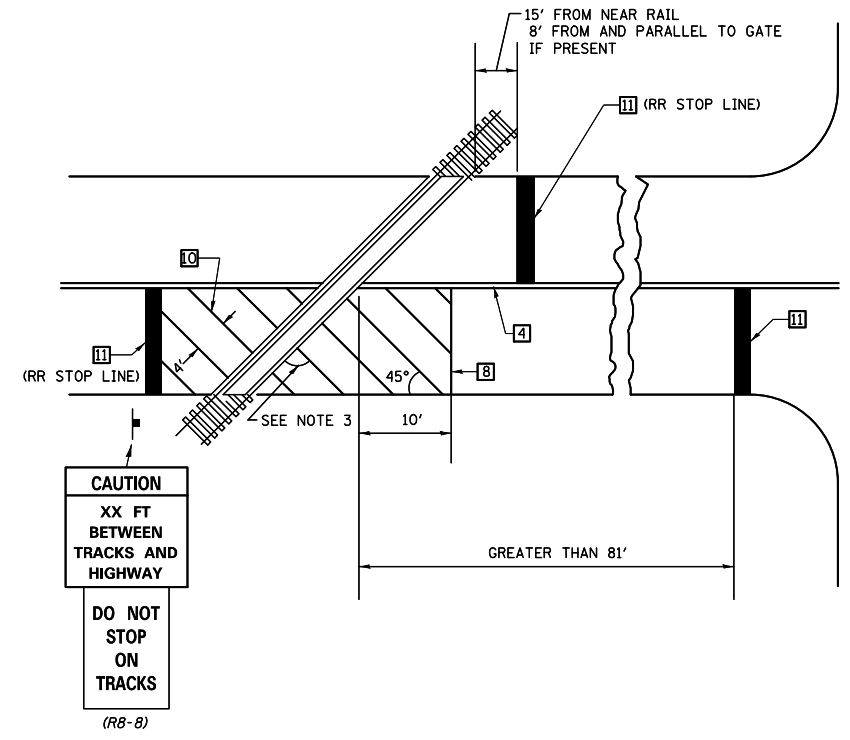
PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING

NOTES

THE TRAVERSE SPREAD OF THE "X" MAY VARY ACCORDING TO LANE WIDTH.

ON MULTI-LANE ROADS, THE STOP LINES SHALL EXTEND ACROSS ALL APPROACH LANES AND SEPARATE RXR SYMBOLS SHALL BE PLACED ADJACENT TO EACH OTHER IN EACH LANE.

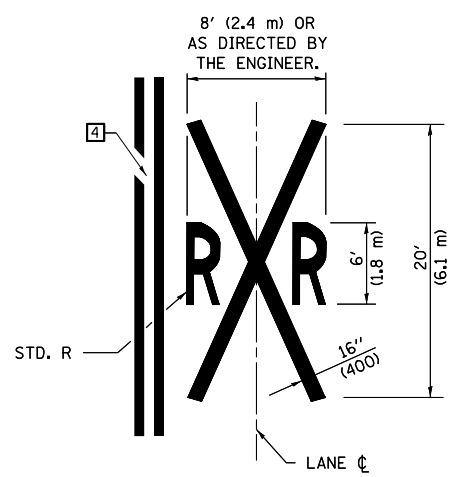
WHEN THE PAVEMENT MARKING SYMBOL IS USED, A PORTION OF THE SYMBOL SHOULD BE LOCATED DIRECTLY ADJACENT TO THE ADVANCE WARNING SIGN (W10-1) AS PLACED BY TABLE II-1, CONDITION B OF THE MUTCD.



SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING

GENERAL NOTES

- SUPPLEMENTAL PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
- EXTEND PAVEMENT MARKINGS TO THE INTERSECTION ONLY WHERE NEAR-SIDE TRAFFIC SIGNALS ARE USED.
- WHERE THE ANGLE BETWEEN THE DIAGONAL PAVEMENT MARKINGS AND THE TRACK WOULD BE LESS THAN 20°, THE PAVEMENT MARKINGS SHOULD BE PLACED IN THE OPPOSITE DIRECTION FROM THAT SHOWN.



Note: All dimensions are in INCHES (millimeters) unless otherwise shown.
• D5 REST AREA REPAIR 2015-1

DISTRICT 5 DETAIL NO. 7800AAAA

FILE NAME =	USER NAME = dawsonkb	DESIGNED -	REVISED - 11/06
et:\pwork\pwork\dawsonkb\0422371\057824-sht-details.dgn		DRAWN -	REVISED - 09/2009 - KJI
PLOT SCALE = 40.0000' / in.		CHECKED -	REVISED -
PLOT DATE = 3/19/2015		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

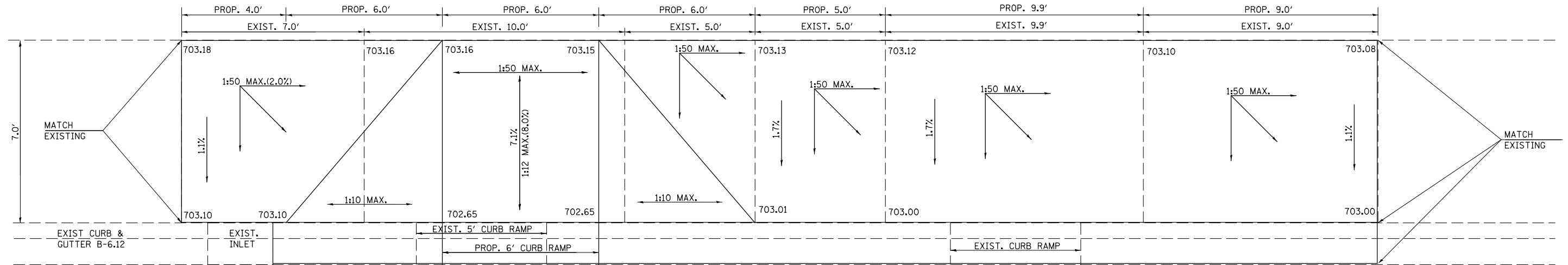
PAVEMENT MARKING AND MARKERS
(RURAL & URBAN APPLICATIONS)

SCALE: _____ SHEET NO. 4_ OF 4_ SHEETS STA. _____ TO STA. _____

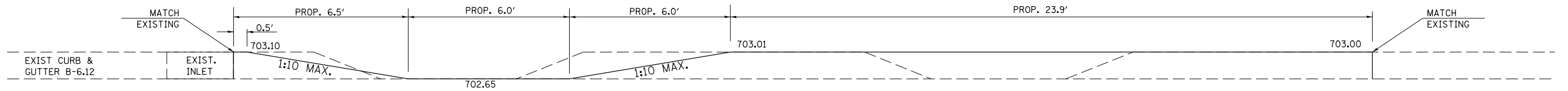
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	•	CHAMPAIGN	35	30

CONTRACT NO. 70B24
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT

NB: LOCATION 1 | LOCATION 2

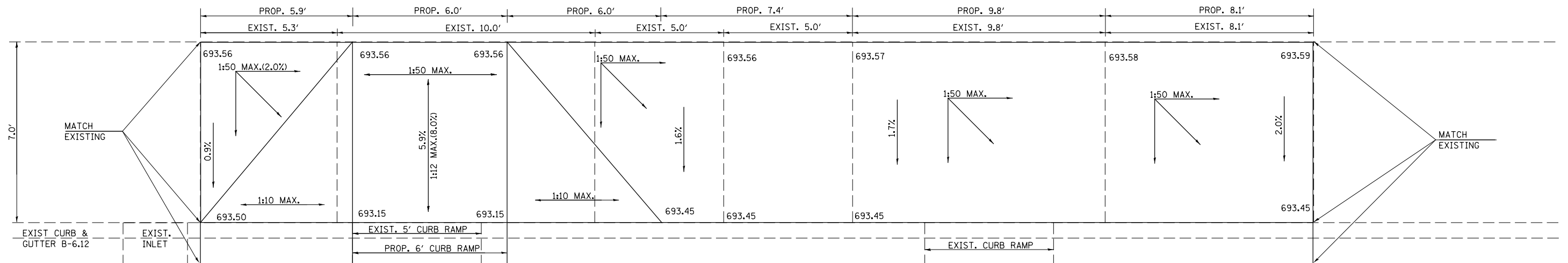


PLAN VIEW

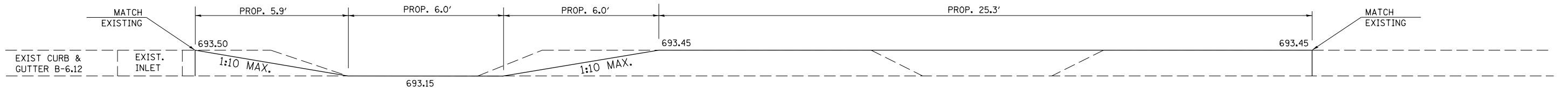


ELEVATION VIEW

SB: LOCATION 5 | LOCATION 6



PLAN VIEW



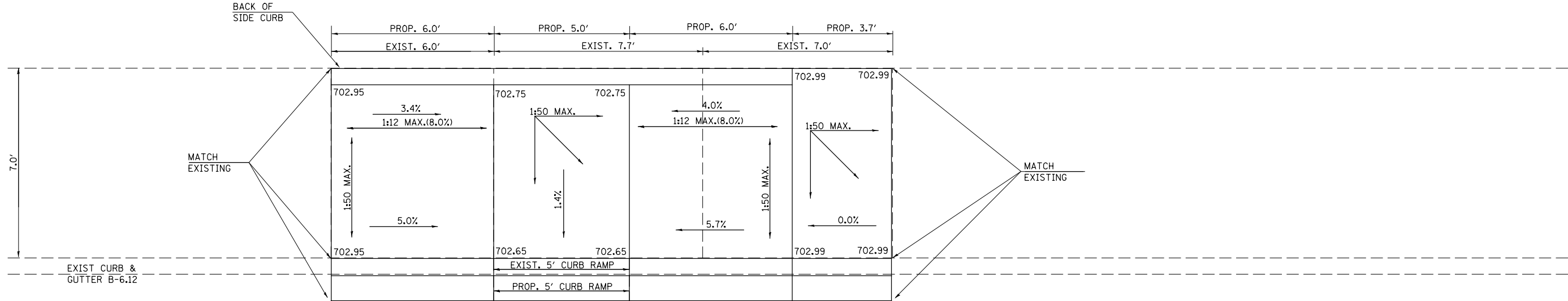
ELEVATION VIEW

FILE NAME =	USER NAME = dawsonkb	DESIGNED -	REVISED - 11/06	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIDEWALK DETAILS: LOCATIONS 1, 2, 5 & 6			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\p\idot\dawsonkb\10422371\0578824-sht-details.dgn	DRAWN -	REVISED - BJH 3/5/2012	57					.	CHAMPAIGN	35	31	
PLOT SCALE = 48.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 70B24									
PLOT DATE = 3/19/2015	DATE -	REVISED -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT									

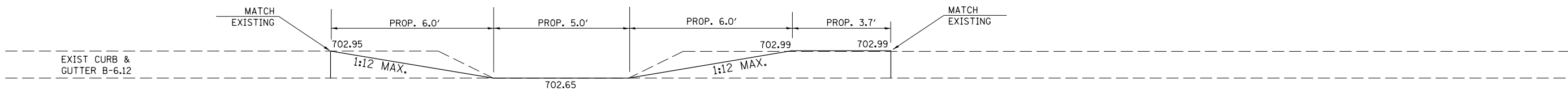
• D5 REST AREA REPAIR 2015-1

SCALE: _____ SHEET NO. ____ OF ____ SHEETS STA. _____ TO STA. _____

NB: LOCATION 3

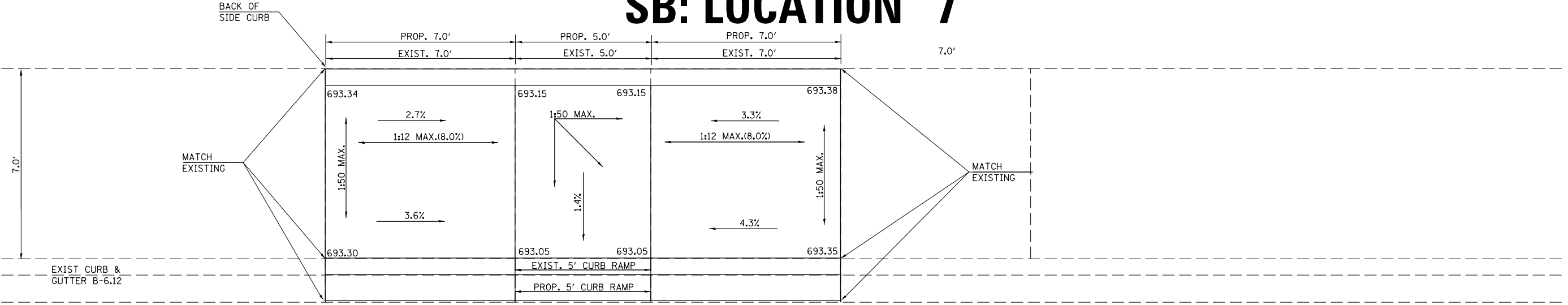


PLAN VIEW

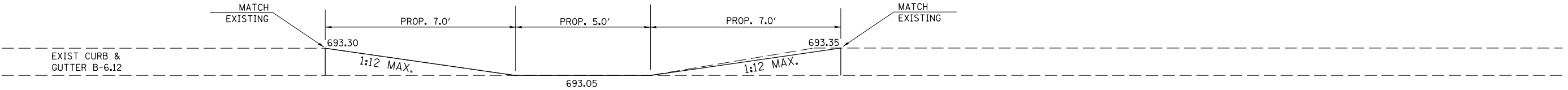


ELEVATION VIEW

SB: LOCATION 7



PLAN VIEW

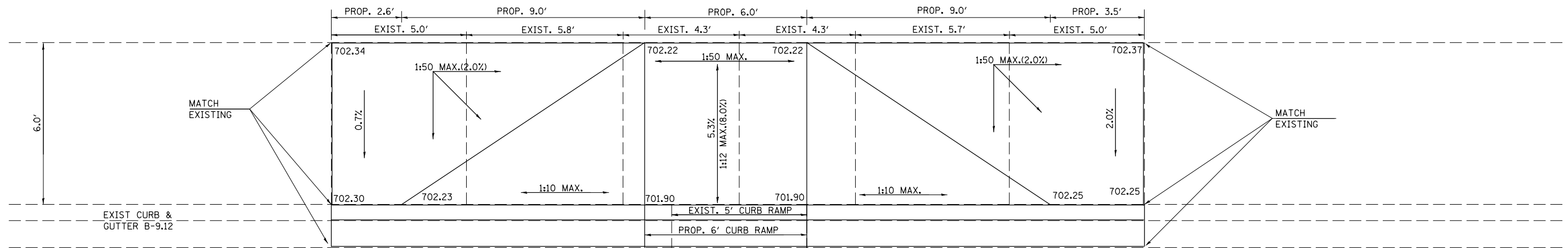


ELEVATION VIEW

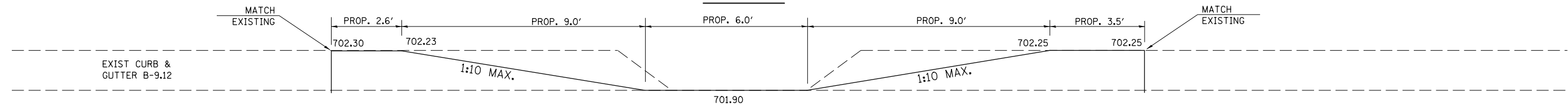
• D5 REST AREA REPAIR 2015-1

SCALE: _____ SHEET NO. ____ OF ____ SHEETS STA. _____ TO STA. _____

NB: LOCATION 4

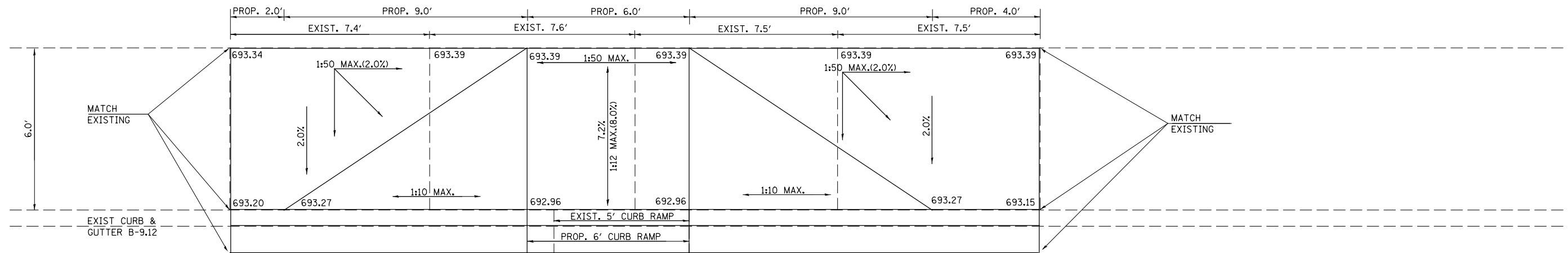


PLAN VIEW

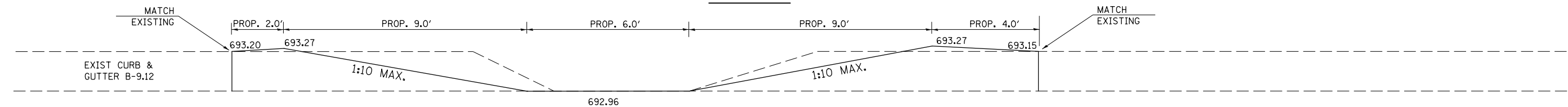


ELEVATION VIEW

SB: LOCATION 8



PLAN VIEW



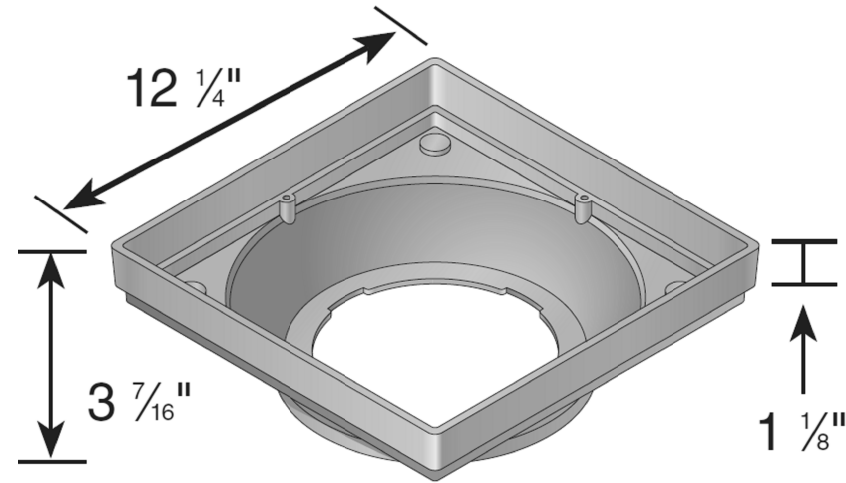
ELEVATION VIEW

FILE NAME =	USER NAME = dawsonkb	DESIGNED -	REVISED - 11/06
et:\pwork\pwork\dawsonkb\0422371\057824-sht-details.dgn		DRAWN -	REVISED - BJH 3/5/2012
		CHECKED -	REVISED -
		DATE -	REVISED -

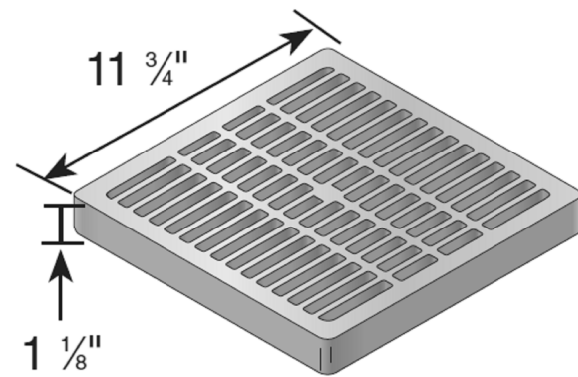
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: _____		SHEET NO. _____ OF _____ SHEETS		STA. _____ TO STA. _____	
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• D5 REST AREA REPAIR 2015-1					
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
57	•	CHAMPAIGN	35	33	
CONTRACT NO. 70B24					
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT					

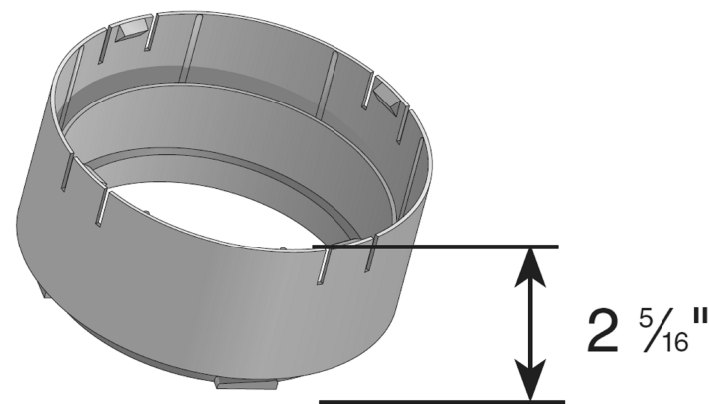


12" x 12" LOW PROFILE ADAPTER (NDS 1230)

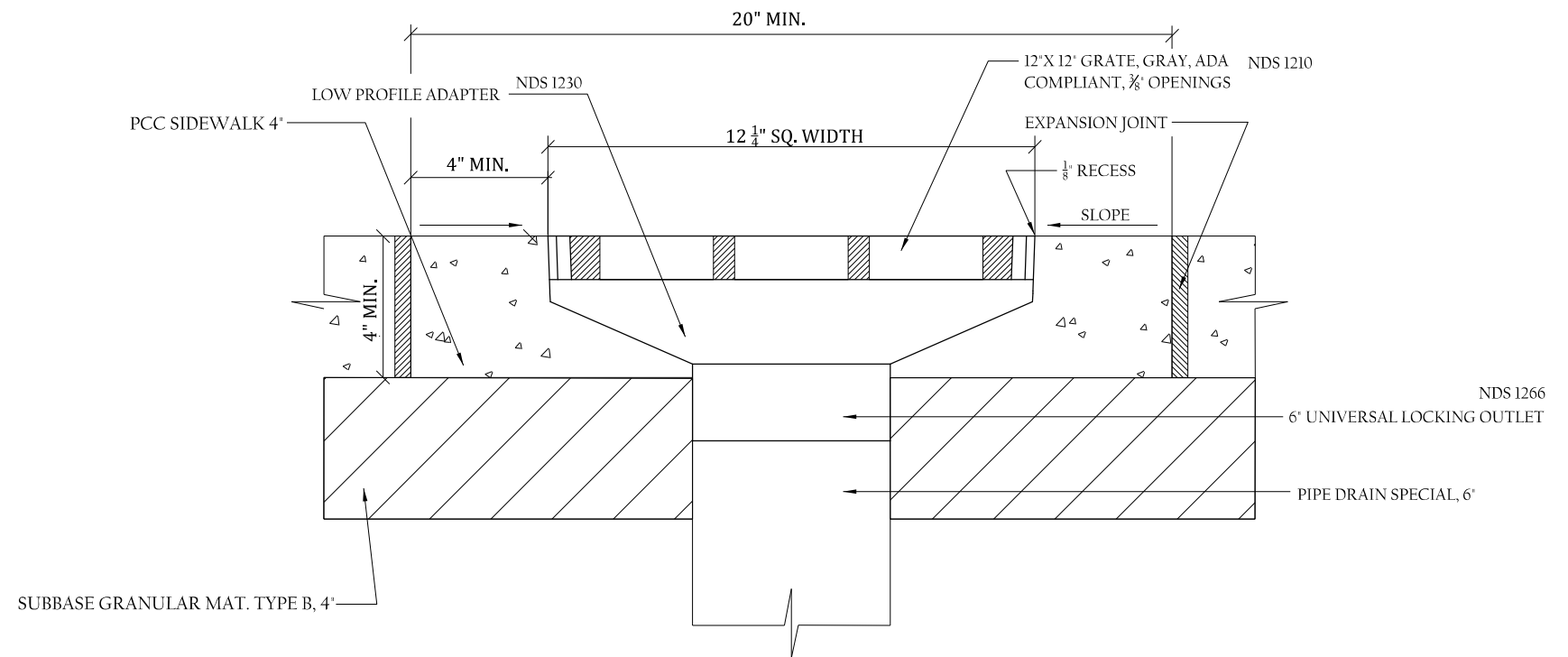


3/8" Grate Opening

12" x 12" GRATE, GRAY, ADA COMPLIANT (NDS 1210)



6" UNIVERSAL LOCKING OUTLET (NDS 1266)



INLET, SPECIAL
(AT SIDEWALK LOCATIONS)

NOTE: PCC SIDEWALK AREAS MEASURED FOR PAYMENT SHALL INCLUDE THE AREAS OF THE INLET, SPECIAL.

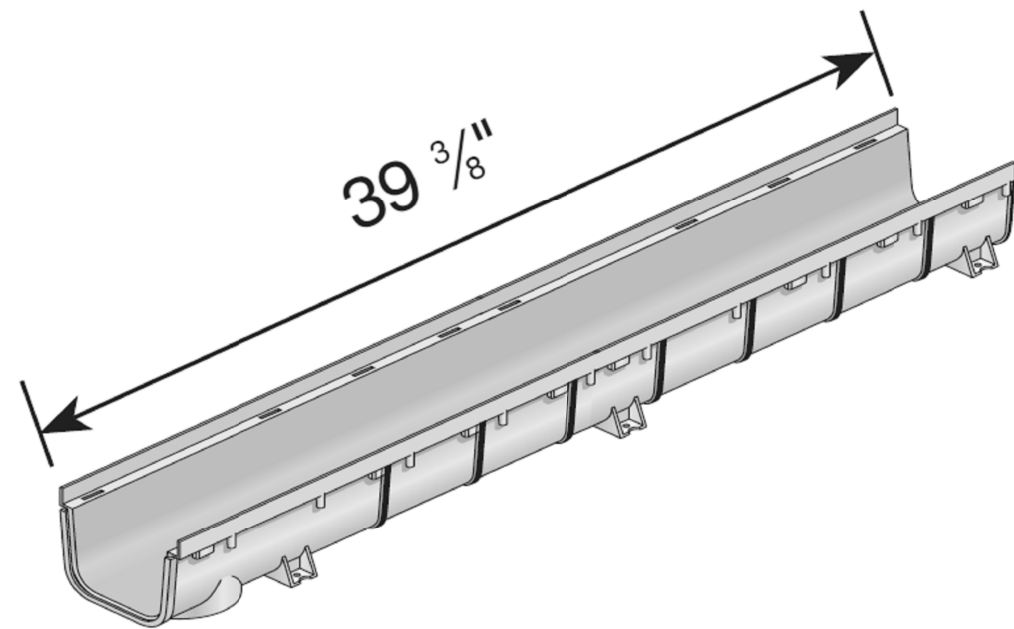
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ei:\pwork\pwork\dawsonb\422371\4578824-sht-Drains.dgn		DRAWN - _____	REVISED - _____
	PLOT SCALE = 40.0000' / in.	CHECKED - _____	REVISED - _____
\$MODELNAME\$	PLOT DATE = 3/19/2015	DATE - _____	REVISED - _____

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

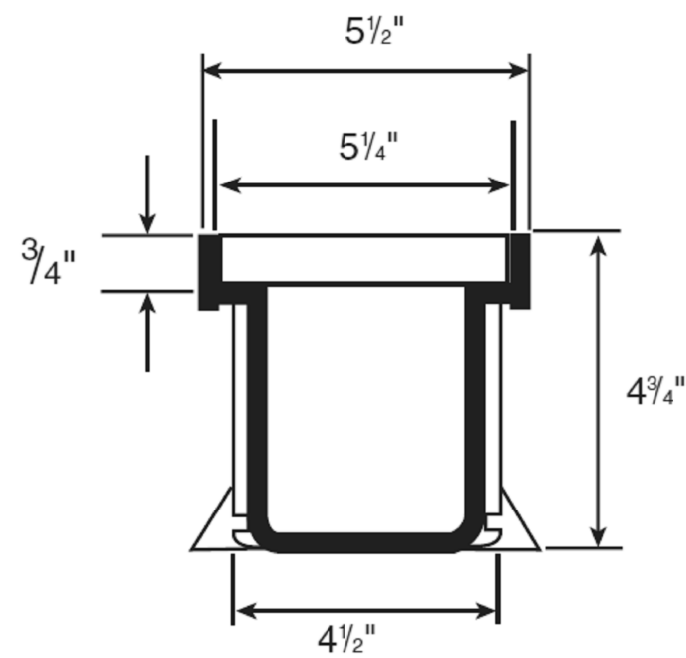
SCALE: _____		SHEET _____ OF _____ SHEETS		STA. _____ TO STA. _____	
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	•	CHAMPAIGN	35	34
CONTRACT NO. 70B24			ILLINOIS FED. AID PROJECT	

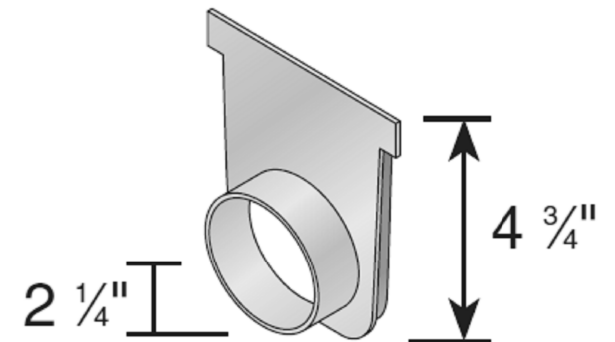
•05 REST AREA REPAIR 2015-1



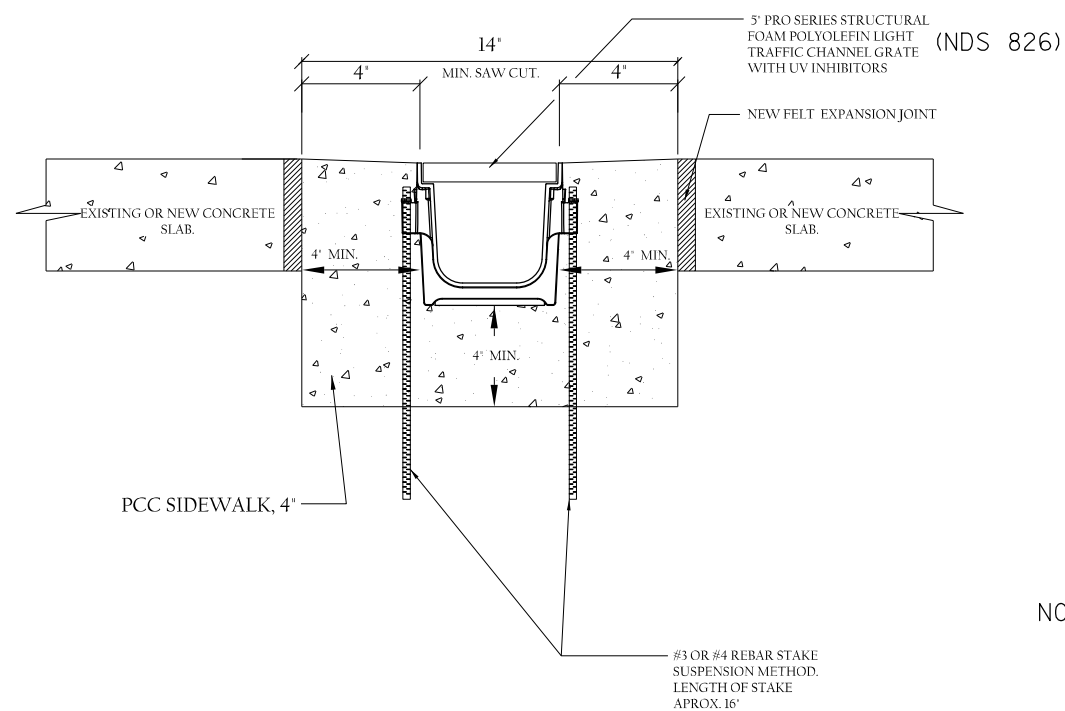
5" x 1M DEEP PROFILE CHANNEL DRAIN SECTION (NDS 800)



5" x 1M DEEP PROFILE CHANNEL DRAIN CROSS SECTION

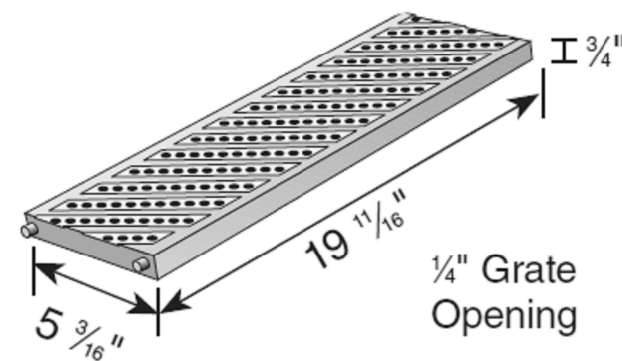


3" S&D PIPE HUB END OUTLET FOR 5" DEEP CHANNEL DRAIN (NDS 811)

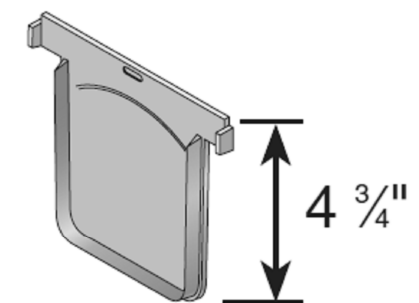


NOTES:

- CHANNELS TO BE INSTALLED WITH GRATE. GRATE TO BE PROTECTED FROM CONCRETE POUR.



PEDESTRIAN TRAFFIC CHANNEL GRATE - LIGHT GRAY (ADA COMPLIANT/HEEL-PROOF) (NDS 826)



5" END CAP FOR 5" DEEP CHANNEL DRAIN (NDS 812)

NOTES: CHANNELS TO BE INSTALLED WITH GRATE. GRATE TO BE PROTECTED FROM CONCRETE POUR.

ADDITIONAL CONCRETE THICKNESS INCLUDED IN THE COST OF PCC SIDEWALK 4" ITEM.

PCC SIDEWALK AREA MEASURED FOR PAYMENT SHALL INCLUDE THE AREA OF THE VANE DRAIN CHANNEL.

FILE NAME =	USER NAME = dawsonkb	DESIGNED - _____	REVISED - _____
ei:\pwork\pwork\pwork\dawsonkb\0422371\0578824-sht-Drains.dgn		DRAWN - _____	REVISED - _____
	PLOT SCALE = 40.0000' / in.	CHECKED - _____	REVISED - _____
\$MODELNAME\$	PLOT DATE = 3/19/2015	DATE - _____	REVISED - _____

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

VANE DRAIN COMPONENT AND INSTALLATION DETAILS

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

•05 REST AREA REPAIR 2015-1			
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS
57	•	CHAMPAIGN	35
		CONTRACT NO.	SHEET NO.
		70B24	35
ILLINOIS FED. AID PROJECT			