04-29-2022 LETTING ITEM 017

INDEX OF SHEETS

COVER SHEET

HIGHWAY STANDARDS AND GENERAL NOTES

SUMMARY OF QUANTITIES 3 - 45 - 19**MAINTAINENCE OF TRAFFIC** 20 **GENERAL PLAN AND ELEVATION**

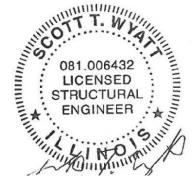
21 **DECK PLAN 101–0142** 22 CROSS SECTIONS 101-0142 23 **DECK PLAN 101-0143** 24 CROSS SECTIONS 101-0143

25 **JOINT DETAILS BARRIER DETAILS** 26

27 PREFORMED JOINT STRIP SEAL

BAR SPLICERS 28

29 BARRIER IMPROVEMENTS 30 SUBSTRUCTURE REPAIRS

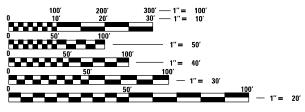


1-21-22

EXP 11-30-22

EXISTING STRUCTURES

SN 101-0142 AND 101-0143 A SPAN SPAN STEEL AND CONCRETE GIRDER SUPERSTRUCTURE WITH CLOSED ABUTMENTS AND WALL PIERS BACK TO BACK LENGTH = 146'-0" OUT TO OUT WIDTH = 42'



ENGINEERING SCALES. REDUCED SIZE PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED,

JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION 1-800-892-0123

PROJECT ENGINEER SCOTT WYATT, PE, SE PROJECT MANAGER MAHMOUD ETEMADI, PE

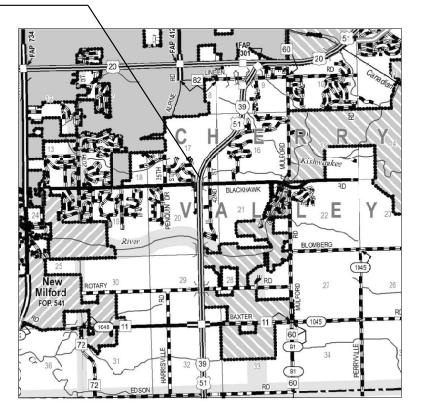
STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

PROPOSED HIGHWAY PLANS

ROUTE FAI 39 (I-39/US 51) SECTION (201-2HB)BDR **BRIDGE REHABILITATION** WINNEBAGO COUNTY, IL PROJECT: NHPP-7SCB(044)

C-92-083-21



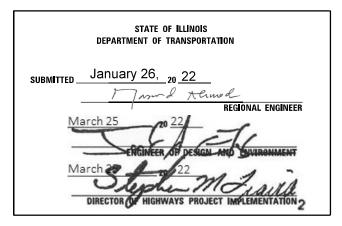
LOCATION MAP

GROSS LENGTH = 146.00 FT. = 0.050 MILE NET LENGTH = 146,00 FT. = 0.050 MILE

ILLINOIS CONTRACT NO. 64R14

D-92-058-21





PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

 \circ

DISTRICT TWO STANDARS

41.4 TYPICAL PAVEMENT MARKINGS

44.1 PAINTING DETAILS

34.1 WORK ZONE SIGN DETAILS

STATE HIGHWAY STANDARDS

000001-08 STANDARDS SYMBOLS, ABBREVIATIONS AND PATTERNS

001006 DECIMALS OF AN INCH AND OF A FOOT

635001-02 DELINEATORS

642001-03 SHOULDER RUMBLE STRIPS, 16 IN.

643001-02 SAND MODULE IMPACT ATTENUATORS

701101-05 OFF-ROAD OPERATIONS, MULTILANE, 15' (4,5 M) TO 24" (600 MM) FROM PAVEMENT EDGE

701106-02 OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 M) AWAY

701400-11 APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY

701401-13 LANE CLOSURE, FREEWAY/EXPRESSWAY

701402-12 LANE CLOSURE, FREEWAY/EXPRESSWAY, WITH BARRIER

701406-13 LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY

701426-09 LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER, FOR SPEEDS > 45 MPH

701428-01 TRAFFIC CONTROL, SETUP AND REMOVAL, FREEWAY/EXPRESSWAY

701901-08 TRAFFIC CONTROL DEVICES

704001-08 TEMPORARY CONCRETE BARRIER

720001-01 SIGN PANEL MOUNTING DETAILS

720006-04 SIGN PANEL ERECTION DETAILS

720011-01 METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS

725001-01 OBJECT AND TERMINAL MARKERS

728001-01 TELESCOPING STEEL SIGN SUPPORT

781001-04 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKINGS

782006-01 GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

MAINTENANCE OF TRAFFIC GENERAL NOTES

- 1. THE MAINTENANCE OF TRAFFIC CONTROL (MOT) PLANS SHALL SERVE AS A GUIDE FOR SAFE DIVERSION OF TRAFFIC DURING EXECUTION OF THIS CONTRACT. HOWEVER, THE CONTRACTOR MAY MODIFY THE MOT PLANS TO MEET CONSTRUCTION NEEDS, BUT NOT AT THE EXPENSE OF PUBLIC SAFETY OR CONVENIENCE. ANY CHANGES TO THE MOT PLANS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.
- . THE ENGINEER SHALL BE INFORMED 48 HOURS IN ADVANCE OF ANY PROPOSED CHANGE TO THE MOT PLANS
- ALL EXISTING PAVEMENT MARKINGS IN CONFLICT WITH THE MAINTENANCE OF TRAFFIC STRIPING SHALL BE BLACKED OUT OR REMOVED TO THE LIMITS SHOWN IN THE PLANS.
- ALL TEMPORARY PAVEMENT MARKING WHICH CONFLICTS WITH THE NEXT STAGE OR FINAL STRIPING SHALL BE BLACKED OUT OR REMOVED TO THE LIMITS SPECIFIED IN THE PLANS AND IN THE SCHEDULES OF PAVEMENT MARKING.
- 5. ALL TRAFFIC CONTROL DEVICES USED FOR THE MAINTENANCE OF TRAFFIC, AS DETAILED IN THE PLANS OR HIGHWAY STANDARD, SHALL BE REFLECTORIZED PRIOR TO INSTALLATION AND CLEANED AS SPECIFIED IN THE MAINTENANCE OF TRAFFIC SPECIAL PROVISIONS OR AS DIRECTED BY THE ENGINEER.
- 6. ALL TRAFFIC CONTROL DEVICES LOCATIONS AND SPACING SHALL BE ACCORDING TO THE HIGHWAY STANDARDS UNLESS OTHERWISE SHOWN IN THE PLANS. ALL VERTICAL PANELS SHALL BE SPACED AT 40' INTERVALS WHERE SHOWN IN THE PLANS.
- ALL DRUMS, VERTICAL PANELS AND BARRICADES ADJACENT TO THE EDGE OF TRAVELED WAY SHALL BE AS REQUIRED IN THE TRAFFIC CONTROL STANDARDS.
- 8. ALL EXISTING SIGNS WITHIN MAINTENANCE OF TRAFFIC LIMITS WHICH ARE OBSCURED BY OR INTERFERE WITH CONSTRUCTION OPERATIONS AND MAINTENANCE OF TRAFFIC, SHALL BE COVERED OR REMOVED BY THE CONTRACTOR UNLESS SPECIFIED IN THE PLANS OR WHEN DIRECTED BY THE ENGINEER. THIS WORK SHALL BE IN ACCORDANCE WITH ARTICLE 107.25 OF THE IDOT STANDARD SPECIFICATIONS.
- A FULL DEPTH SAWCUT WILL BE REQUIRED BETWEEN PAVEMENT, CURB AND/OR GUTTER TO REMAIN AND PAVEMENT, CURB AND/OR GUTTER TO BE REMOVED PRIOR TO BEGINNING OF REMOVAL WORK, COST TO BE INCLUDED WITH APPLICABLE REMOVAL ITEMS
- 10. EXISTING SHOULDER RUMBLE STRIPS THAT ARE IN CONFLICT WITH SHIFTED TRAFFIC CONTROL LANES SHALL BE REMOVED AND REPLACED TO THE LIMITS SPECIFIED IN THE PLANS AND SCHEDULES.
- 11. AS AN ADDITIONAL SOURCE OF INFORMATION IF NEEDED, ORIGINAL CONSTRUCTION SECTION NUMBER FOR STRUCTURE NUMBERS 101-0142 & 101-0143 IS 201-2HB.
- 12. THE CONTRACTOR SHALL CONTACT THE IDOT DISTRICT 2 ENGINEER AT (815)284-2271 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK,

SUGGESTED MAINTENANCE OF TRAFFIC SEQUENCING

STAGE 1

INSTALL REAL-TIME TRAFFIC CONTROL SYSTEM AND TEMPORARY RUMBLE STRIPS AT LOCATIONS DIRECTED BY THE ENGINEER.

INSTALL ALL OF STAGE 1 CONSTRUCTION TRAFFIC CONTROL SIGNS, DRUMS, BARRICADES, TEMPORARY CONCRETE BARRIER AND TEMPORARY PAVEMENT MARKINGS AS DETAILED IN THE STAGE 1 PLANS AND APPROPRIATE STANDARD DRAWINGS.

MERGE ALL NORTHBOUND TRAFFIC TO THE EXISTING / TEMPORARY OUTSIDE LANE SOUTH OF THE BLACKHAWK ROAD BRIDGES. MERGE ALL SOUTHBOUND TRAFFIC TO THE EXISTING / TEMPORARY OUTSIDE LANE NORTH OF THE BLACKHAWK ROAD BRIDGES.

COORDINATE WORK TO BE COMPLETED IN THIS STAGE WITH DETAILS IN THE BRIDGE PLANS.

THE CONTRACTOR SHALL MAKE EVERY EFFORT DURING CONSTRUCTION TO PROTECT THE SCUPPERS AND APPROACH DRAINS WITH STEEL PLATES OR APPROVED EQUALS. SEE STEEL PLATE DETAIL BELOW. THIS WORK SHALL BE INCIDENTAL AND INCLUDED AS PART OF "TRAFFIC CONTROL AND PROTECTION STANDARD 701042".

STAGE 2

CHANGE THE CONSTRUCTION TRAFFIC CONTROL SIGNS, DRUMS, BARRICADES,
TEMPORARY CONCRETE BARRIER AND TEMPORARY PAVEMENT MARKINGS AS DETAILED IN
THE STAGE 2 PLANS AND APPROPRIATE STANDARD DRAWINGS.

MERGE ALL NORTHBOUND TRAFFIC TO THE EXISTING / TEMPORARY INSIDE LANE SOUTH OF THE BLACKHAWK ROAD BRIDGES. MERGE ALL SOUTHBOUND TRAFFIC TO THE INSIDE EXISTING / TEMPORARY LANE NORTH OF THE BLACKHAWK ROAD BRIDGES.

REMOVE ALL CONFLICTING TRAFFIC CONTROL ITEMS FROM STAGE 1 SETUP.

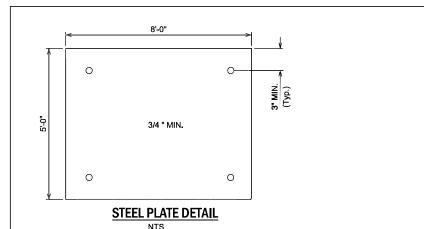
COORDINATE WORK TO BE COMPLETED IN THIS STAGE WITH DETAILS IN THE BRIDGE PLANS.

POST STAGE

 ${\bf REMOVE\ ALL\ CONSTRUCTION\ TRAFFIC\ CONTROL\ AND\ TEMPORARY\ CONSTRUCTION\ ITEMS.}$

REMOVE ANY REMAINING EXISTING AND TEMPORARY PAVEMENT MARKINGS WITHIN THE PERMANENT PAVEMENT MARKING LIMITS.

INSTALL PERMANENT PAVEMENT MARKINGS.



NOTES:

SCALE: NONE

1. DURING MOT STAGE 1, THE APPROACH DRAINS AND BRIDGE SCUPPERS AT THE SE CORNERS SHALL BE PROTECTED WITH % "(MIN) STEEL PLATES ANCHORED INTO THE PAVEMENT OR BRIDGE DECK.

2. THE EDGES OF THE STEEL PLATE SHALL BE TAPERED A MINIMUM OF 1' WITH HMA TO ELIMINATE THE BUMP.



USER NAME = scottw	DESIGNED - MW	REVISED -	Г
	DRAWN - RG	REVISED -	İ
PLOT SCALE = 2.0000 '/ in.	CHECKED - JB	REVISED -	ĺ
PLOT DATE = 1/21/2022	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

1–3	9 OVER B	LACKH/	WK RD	STAG	ING PLANS	F.A.I. RTE.	SEC	TION		COUNTY	SH
C.E	GENERAL NOTES /CONSTRUCTION SEQUENCE				39	(201-2H	WINNEBAGO	Π			
GE	NERAL NU	IIE9 / C	OINSTRUC	HUN	SEQUENCE	[CONTRACT	N
	CUEET	OE	CHECTO	CTA	TO STA				EED 41	D DDG IEGE	

30 2

		URBAN	0047
CODE NO.	ITEM	UNIT	TOTAL
50102400	CONCRETE REMOVAL	CU YD	10
50104000	BRIDGE RAIL REMOVAL	FOOT	584
50157300	PROTECTIVE SHIELD	SQ YD	375
50300255	CONCRETE SUPERSTRUCTURE	CU YD	10
50300300	PROTECTIVE COAT	SQ YD	1249
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	1574
50800515	BARS SPLICERS	EACH	24
52000110	PREFORMED JOINT STRIP SEAL	FOOT	168
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	2,962
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	2
67100100	MOBILIZATION	L SUM	1
70100205	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	EACH	2
70100207	TRAFFIC CONTROL AND PROTECTION, STANDARD 701402	EACH	2
70107006	PAVEMENT MARKING BLACKOUT TAPE, 6"	FOOT	4,940
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	120
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	FOOT	6,494
70307120	TEMPORARY PAVEMENT MARKING — LINE 4" — TYPE IV TAPE	FOOT	14,509

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
70400100	TEMPORARY CONCRETE BARRIER	FOOT	1013
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	963
70600250	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	EACH	2
70600350	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3	EACH	2
78000200	THERMOPLASTIC PAVEMENT MARKING – LINE 4"	FOOT	650
78100300	REPLACEMENT REFLECTOR	EACH	71
78200011	BARRIER WALL REFLECTORS, TYPE C	EACH	28
X0325201	SHOULDER RUMBLE STRIP REMOVAL	SQ YD	988
X0325748	ACRYLIC COATING	SQ YD	454
X0326649	LINEAR DELINEATOR PANELS, 6 INCH	EACH	16
X0327640	REAL-TIME TRAFFIC CONTROL CENTRAL BASE UNIT	CAL MO	2
X0327641	REAL-TIME TRAFFIC CONTROL SENSOR UNIT	CAL MO	16
X2700001	TEMPORARY RUMBLE STRIPS (SPECIAL)	EACH	6
X5030250	BRIDGE DECK GROOVING (LONGITUDINAL)	SQ YD	779
X7830050	RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REMOVAL	EACH	71



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.020	USER NAME =	DESIGNED -	REVISED -	Ī
1020		CHECKED -	REVISED -	
	PLOT SCALE =	DRAWN -	REVISED -	
	PLOT DATE =	CHECKED -	REVISED -	

.	SECTION	COUNTY	SHEETS	NO.	
	(201-2HB)BDR	WINNEBAGO	30	3	
		CONTRACT	「 NO. €	34R14	
	(ILLINOIS FED. A	D PROJECT 7SCB	(31)		

90% FED 10% STATE URBAN

		O IND/ IIV	
CODE NO.	ITEM	UNIT	TOTAL QUANTITY
Z0012144	BRIDGE DECK SCARIFICATION 2 1/2"	SQ YD	1249
Z0012166	BRIDGE DECK MICROSILICA CONCRETE OVERLAY 2 3/4"	SQ YD	1249
Z0012754	STRUCUTRAL REPAIR OF CONCRETE (DEPTH LESS THAN OR EQUAL TO 5 INCHES)	SQ FT	5
Z0029090	DIAMOND GRINDING (BRIDGE SECTION)	SQ YD	1119
Z0053750	RETROFIT CONCRETE PARAPET	FOOT	576

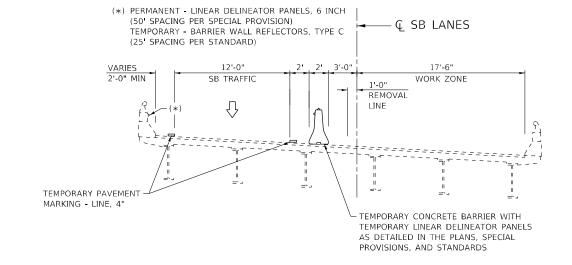
CODE NO.	ITEM	UNIT	TOTAL QUANTITY

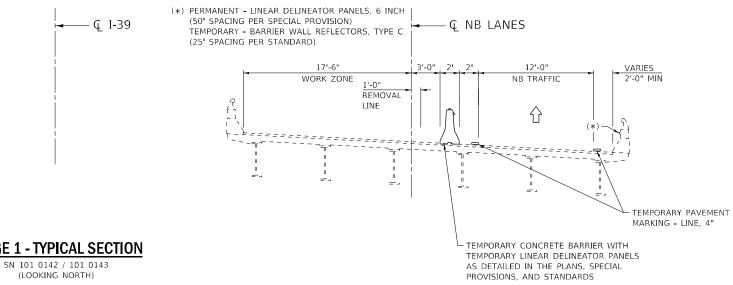
1560 Sherman Ave, Suite 10 Evanston, Il 60201 847-859-7790 www.kpff,com

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SN 101-0142 & 0143 FAI 39 OVER BLACKHAWK ROAD SUMMARY OF QUANTITIES

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	(201-2HB)BDR	WINNEBAGO	. 30	4
		CONTRACT	NO. 6	4R14
	(ILLINOIS FED.	AID PROJECT 7SCB	(31)	





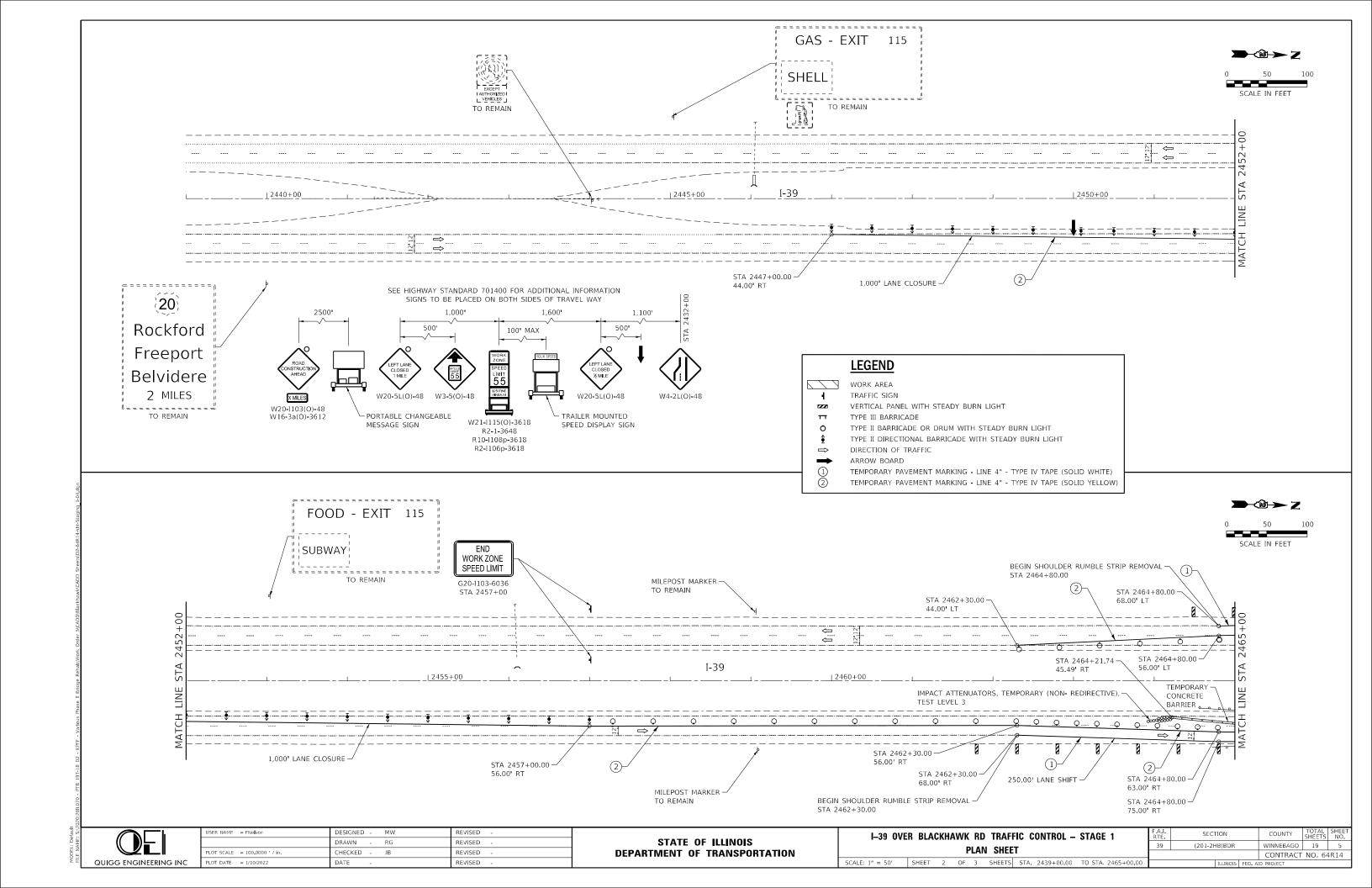
STAGE 1 - TYPICAL SECTION

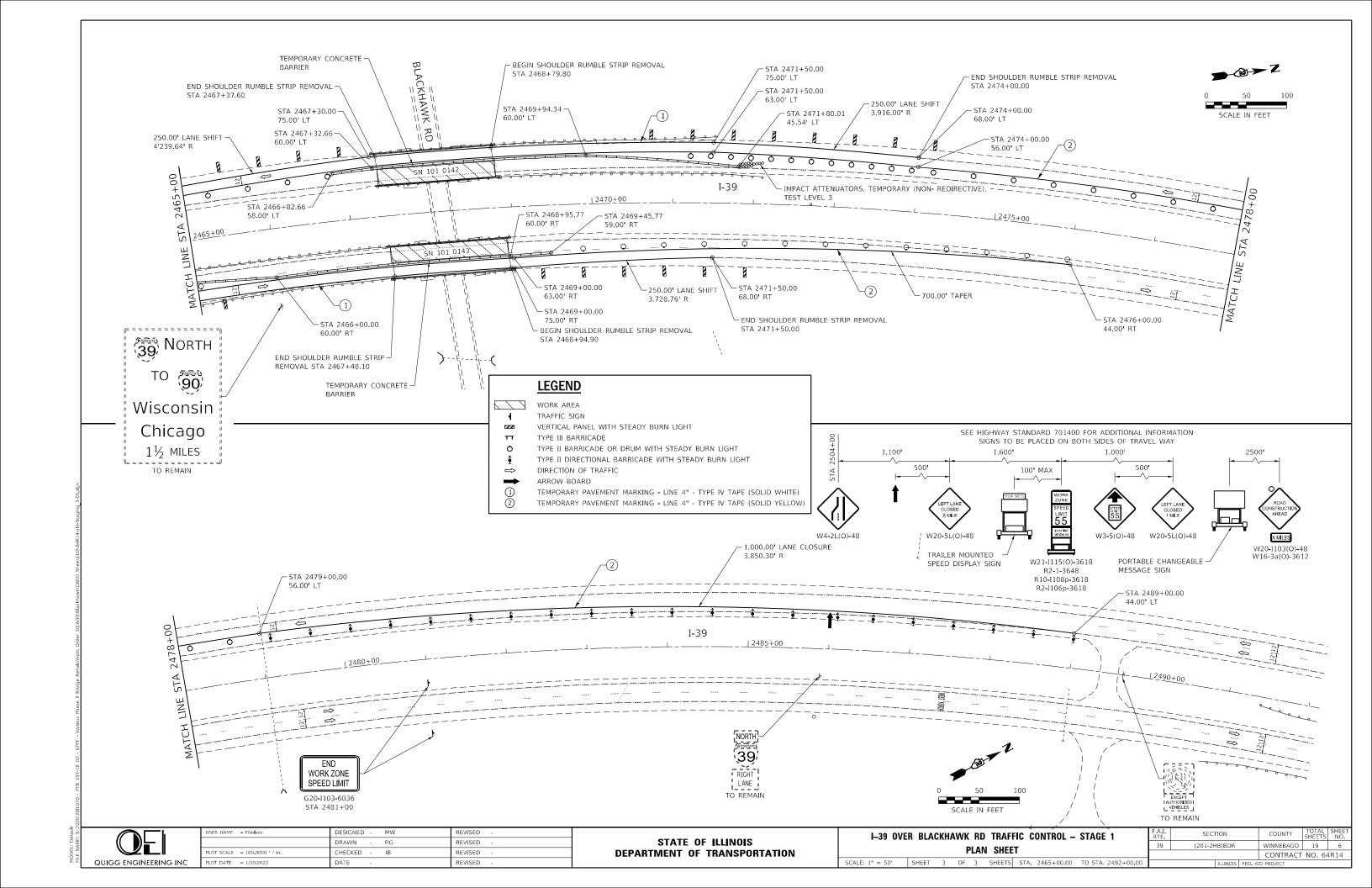
QUIGG ENGINEERING INC

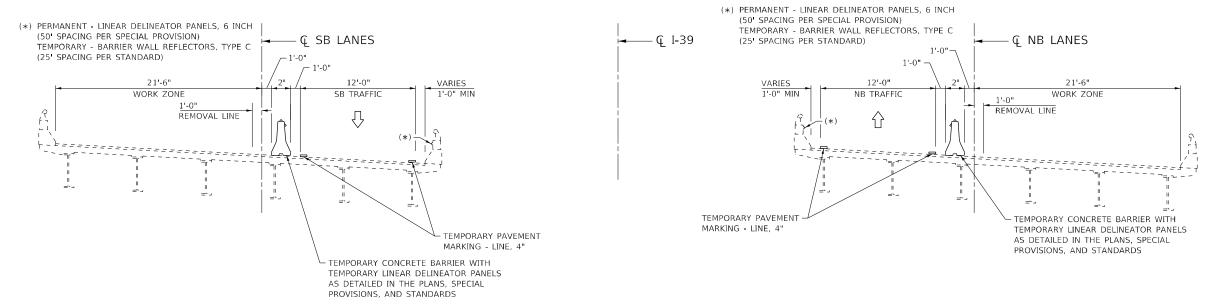
USER NAME = FNelson	DESIGNED - MW	REVISED -
	DRAWN - RG	REVISED -
PLOT SCALE = 10.0000 / in.	CHECKED - JB	REVISED -
PLOT DATE = 1/10/2022	DATE -	REVISED -

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

I–39 OVER BLACKHAWK RD TRAFFIC CONTROL – STAGE 1				F.A.I. RTE	SECT	ΠΟN		COUNTY	TOTAL SHEETS	SHEET NO.			
TYPICAL SECTIONS				39	(201-2HB)BDR		WINNEBAGO	19	4				
ITPICAL SECTIONS									CONTRACT	NO. 6	4R14		
SCALE: NONE	SHEET 1	OF	3	SHEETS	STA.	TO STA.			ILLINOIS	FED. A	D PROJECT		







STAGE 2 - TYPICAL SECTION

SN 101 0142 / 101 0143 (LOOKING NORTH)

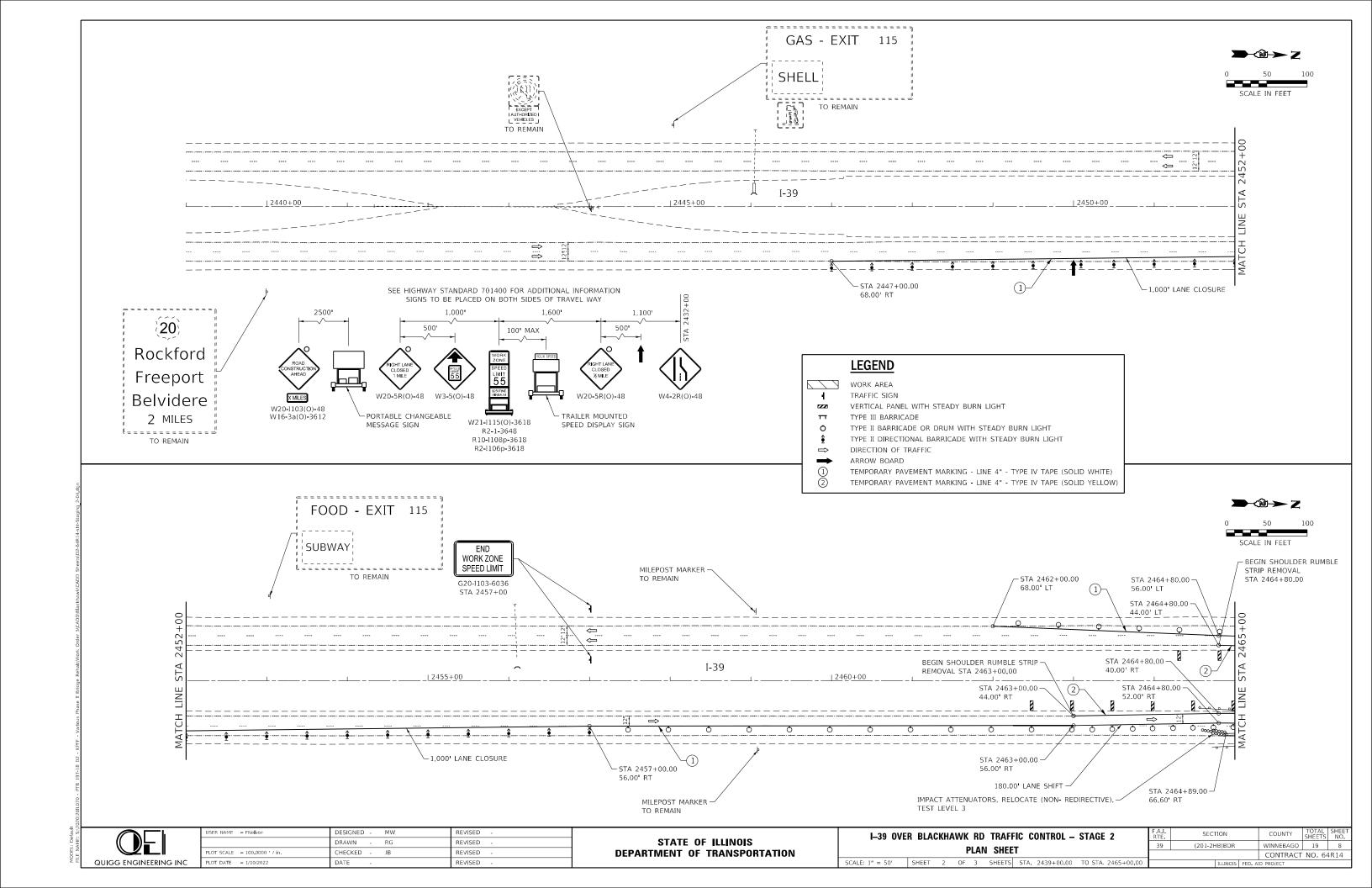
QUIGG ENGINEERING INC

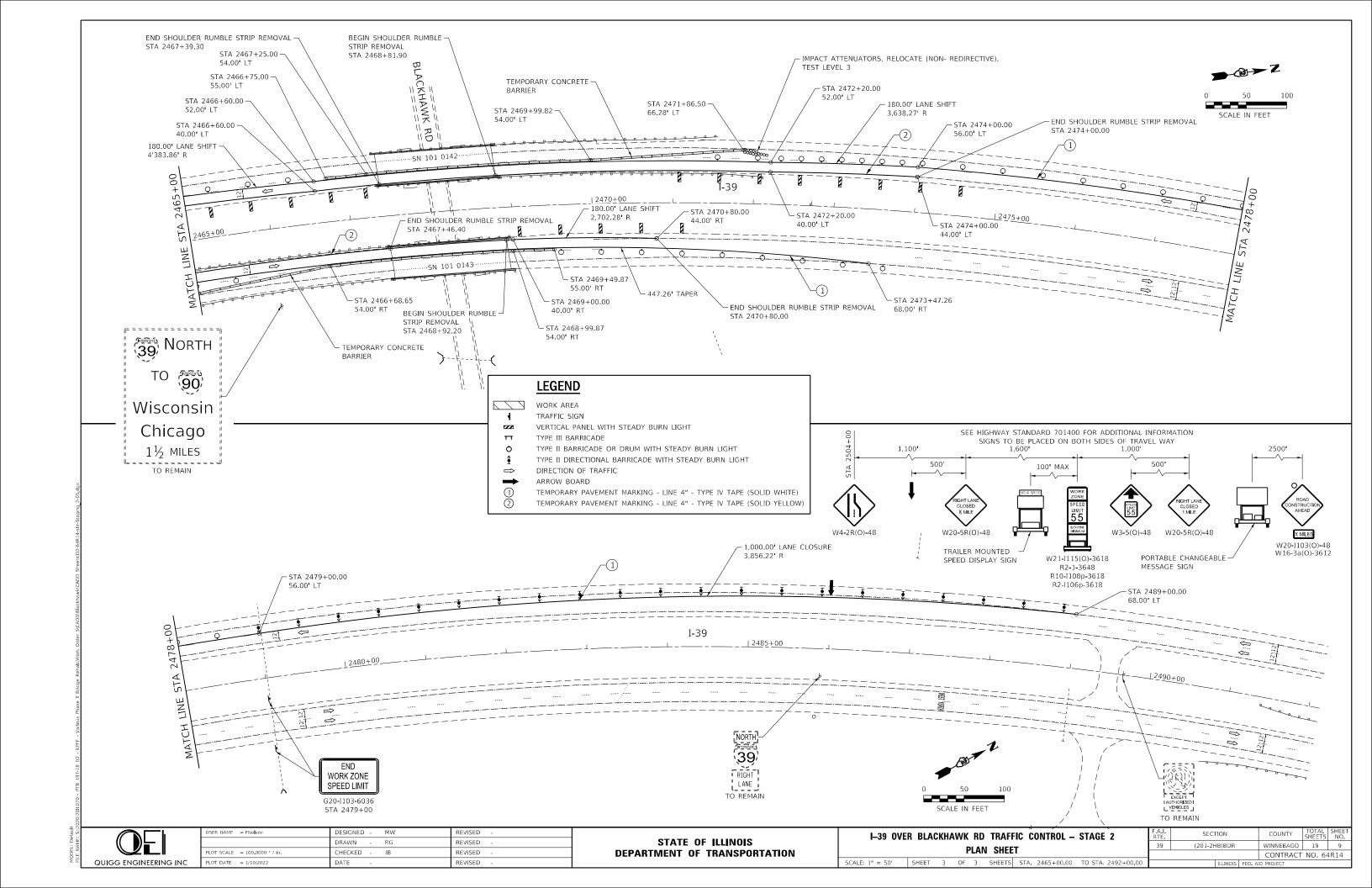
USER NAME = FNelson	DESIGNED - MW	REVISED -
	DRAWN - RG	REVISED -
PLOT SCALE = 10:0 ':" / in.	CHECKED - JB	REVISED -
PLOT DATE = 1/10/2022	DATE -	REVISED -

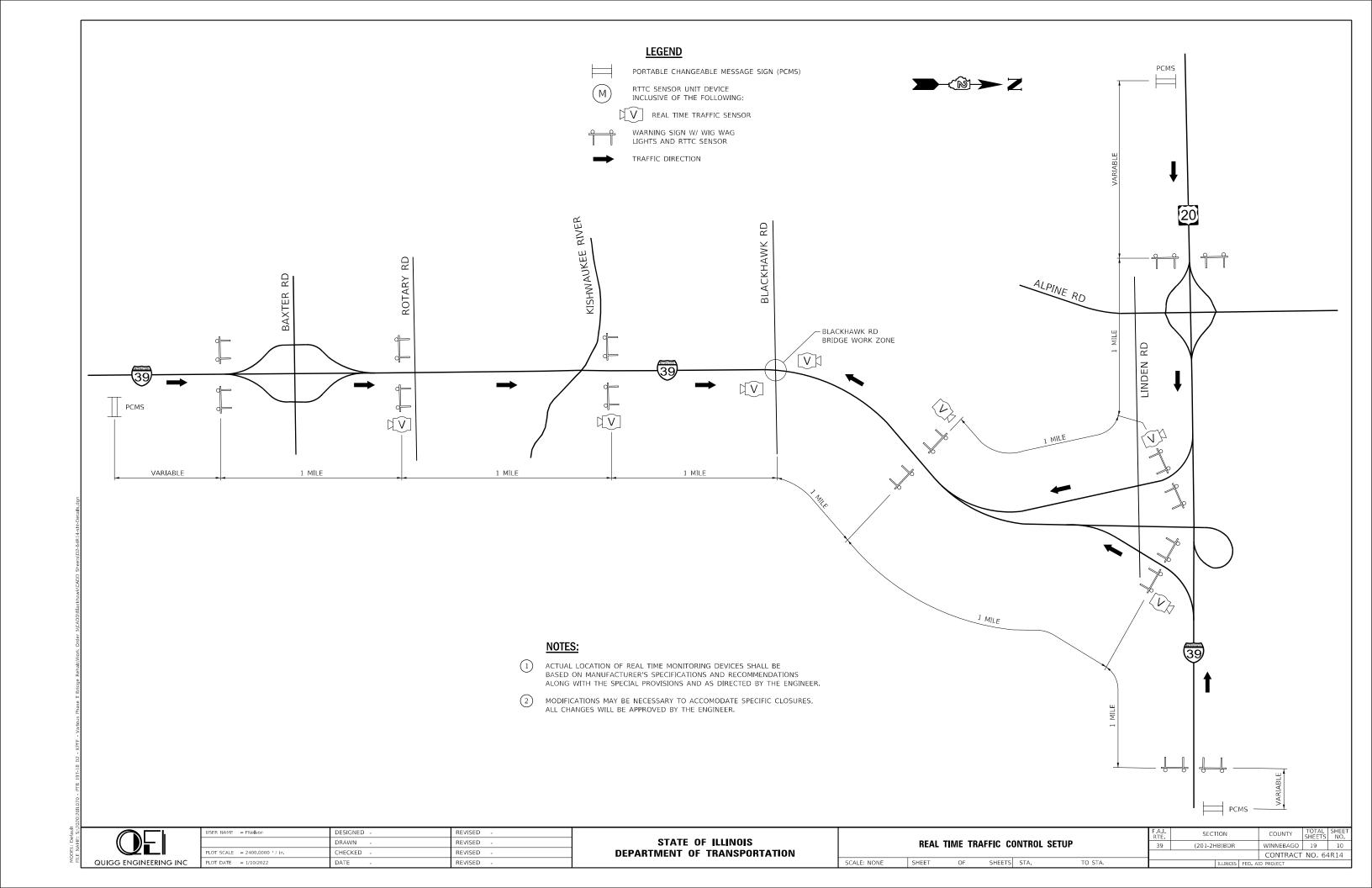
I-39

SCALE: NONE

OVE	R BLAC	CKH	AWK	RD	TRAFF	IC CON	ITROL – STAGE 2	F.A.I. RTE	SEC ⁻	LION		COUNTY	TOTAL SHEETS	SHEET NO.
			TVD	IC A I	CECTI	ONC		39	(201-2F	HB)BDR		WINNEBAGO	19	7
	TYPICAL SECTIONS											CONTRACT	NO. 64	4R14
	SHEET	1	OF	3	SHEETS	STA.	TO STA.			ILLINOIS	FED. AI	D PROJECT		

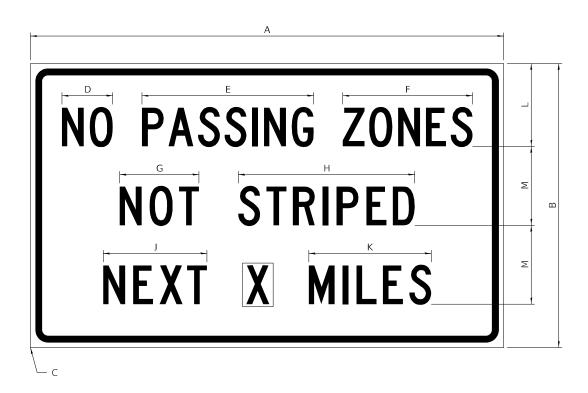






WORK ZONE SIGN DETAILS 34.1

ILLINOIS STANDARD G20–I100



COLOR LEGEND AND BORDER BACKGROUND

BLACK ORANGE NON-REFLECTORIZED REFLECTORIZED

SIGN SIZE					[DIMEN	ISIONS	5				
SIGN SIZE	Α	В	С	D	Е	F	G	Н	J	K	L	М
60 x 36	60.00	36.00	2,25	6.4	21,80	16.40	10.00	22,40	13,20	15.50	10.50	10.00

SIGN SIZE	SER	IES BY	LINE	MARGIN	PODDED	
SIGN SIZE	1	2	3	MARGIN	BORDER	
60 x 36	5C	5C	5C	0.625	0.875	

Sign not to scale

GENERAL NOTES

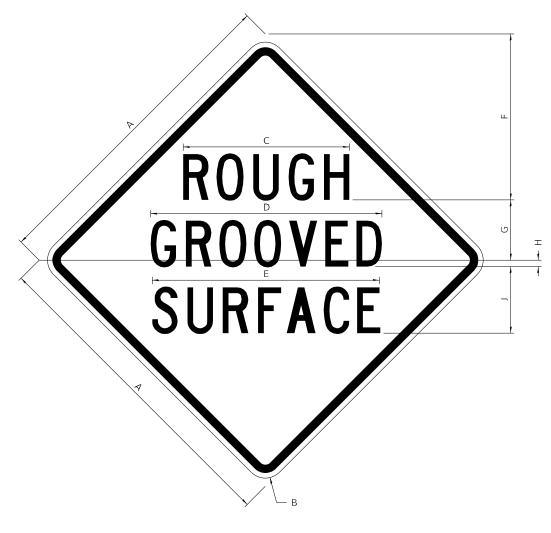
All work to furnish and install these signs shall be included in the cost of the specified traffic control standards and shall not be paid separately.

All Illinois Standard signs shall conform to the latest edition of the "Illinois Standard Highway Signs Book" in effect on the date of invitation for bids.

Signs shall meet the applicable portions of Sections 701 and 720 of the Standard Specifications.

All dimensions are in inches unless otherwise noted.

ILLINOIS STANDARD W8–I107



COLOR LEGEND AND BORDER BACKGROUND

BLACK

NON-REFLECTORIZED REFLECTORIZED

CICN CIZE		DIMENSIONS							
SIGN SIZE	А	В	С	D	Е	F	G	Н	J
48 x 48	48.00	3.00	25.00	34.80	34.20	24.94	9.00	1.00	10.00

SIGN SIZE	SER	IES BY	LINE	MARGIN	BORDER	
SIGN SIZE	1	2	3	MARGIN		
48 x 48	7C	7C	7C	1.250	0.750	

Sign not to scale



USER NAME = FNelson	DESIGNED -	REVISED - 3-02-16
	DRAWN -	REVISED -
PLOT SCALE = 2 0000 / in	CHECKED -	REVISED -
PLOT DATE = 1/10/2022	DATE -	REVISED -

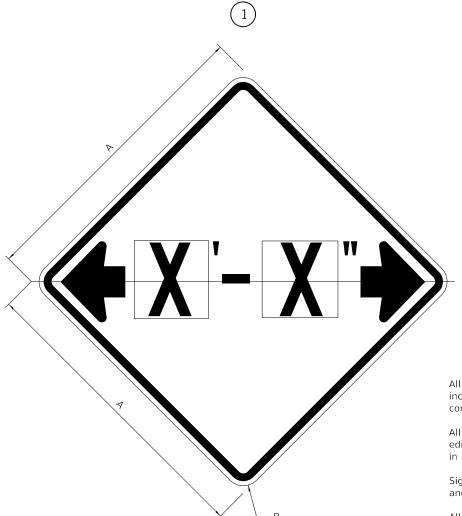
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: NONE

							F.A.I. RTE	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
REG	ON	2 /	DIS	TRICT 2	2 STANDARD		39	(201-2HB)BDR		WINNEBAGO	19	11
										CONTRACT	NO. 64	4R14
HEET	1	OF	8	SHEETS	STA	TO STA.		TILIMOIS	EED AL	D DROIFCT		

WORK ZONE SIGN DETAILS 34.1

ILLINOIS STANDARD W12–I102



GENERAL NOTES

All work to furnish and install these signs shall be included in the cost of the specified traffic control standards and shall not be paid separately.

All Illinois Standard signs shall conform to the latest edition of the "Illinois Standard Highway Signs Book" in effect on the date of invitation for bids.

Signs shall meet the applicable portions of Sections 701 and 720 of the Standard Specifications.

All dimensions are in inches unless otherwise noted.

LEGEND AND BORDER BACKGROUND

BLACK FL ORANGE

NON-REFLECTORIZED REFLECTORIZED

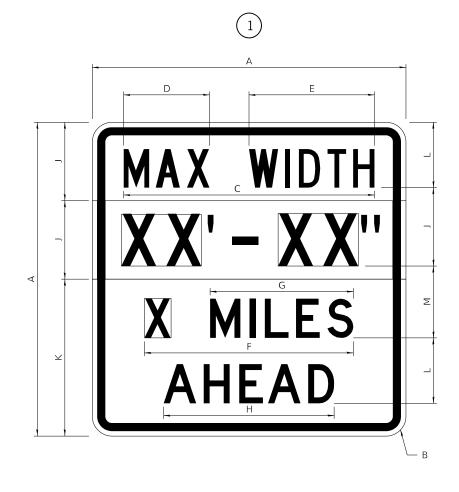
SIGN SIZE	DIMEN	ISIONS
SIGN SIZE	А	В
48 x 48	48.00	3.00

Illinois Standard signs W12-I102 and W12-I103 shall be used as described in the special provisions.

SIGN SIZE	SERIES BY LINE	MADCIN	BORDER
SIGN SIZE	1	MARGIN	BONDEN
48 × 48	12C	0.750	1,250

Sign not to scale

ILLINOIS STANDARD W12–I103



LEGEND AND BORDER BACKGROUND BACKGROUND (WIDTH) BLACK WHITE FL ORANGE NON-REFLECTORIZED REFLECTORIZED REFLECTORIZED

SIGN SIZE					[DIMEN	ISIONS	5				
SIGN SIZE	А	В	С	D	Е	F	G	Н	J	К	L	М
48 x 48	48.00	3.00	38.40	13.20	19.20	32.00	22.00	26.20	12.00	24.00	10.00	11.00

SIGN SIZE		SERIES	BY LINE	MARGIN	BORDER		
SIGN SIZE	1	2	3	4	MARGIN	BORDER	
48 x 48	6C	8D	6D	6D	0.750	1.250	

Sign not to scale

XX'-XX" WIDTH AND X MILES ARE VARIABLE TOP AND BOTTOM OF BACKGROUND WHITE



			_
USER NAME = FNelson	DESIGNED -	REVISED - 3-02-16	Τ
	DRAWN -	REVISED -	
PLOT SCALE = 2.0000 / in	CHECKED -	REVISED -	
PLOT DATE = 1/10/2022	DATE -	REVISED -	

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

	REGIO	N 2 /	⁄ DI:	STRICT :	2 STANDARD
SCALE: NONE	SHEET 2	OF	8	SHEETS	STA.

F.A.I. RTE	SECTIO	N		COUNTY	TOTAL SHEETS	SHEET NO.
39	(201-2HB)BDR		WINNEBAGO	19	12
				CONTRACT	NO. 64	₽R14
	IL	D PROJECT				

SHEET 2 OF 8 SHEETS STA.

TO STA.

WORK ZONE SIGN DETAILS 34.1

ROAD CLOSED TO OVERSIZED LOADS



COLOR

LEGEND AND BORDER BACKGROUND

BLACK ORANGE

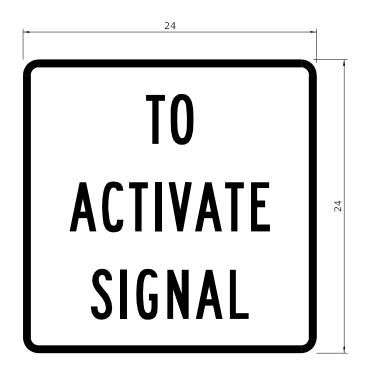
NON-REFLECTORIZED REFLECTORIZED

Permit Loads - Loads Over 13 Feet, 3.0" Radius, 1.3" Border, [NO OVERSIZE -] D; [OVERWEIGHT LOADS] D 85% spacing; [XX MILES AHEAD] D; Table of letter and object lefts.

N 11.7	O 18.1	O 30.0	V 36.2	E 42.8	R 48.4	S 54.4	I 60.7	Z 63.5	E 69.5	- 80.8				
O 2.6	V 8.6	E 15.0	R 20.4	W 26.2	E 33.4	I 38.8	G 41.3	H 47.4	T 53.2	L 64.5	O 69.9	A 75.9	D 82.9	S 88.7
X 7.6	X 13.6	M 25.3	I 32.3	L 35.1	E 40.6	S 46.2	A 57.9	H 65.1	E 71.4	A 76.6	D 83.7			

Sign not to scale

STOP LINE SIGN FOR TEMPORARY SIGNALS



LEGEND AND BORDER BACKGROUND

BLACK WHITE

NON-REFLECTORIZED REFLECTORIZED

SIGN SIZE	SERIES BY LINE						
SIGN SIZE	1	2	3				
24 x 24	4C	4C	4C				

Sign not to scale

GENERAL NOTES

All work to furnish and install these signs shall be included in the cost of the specified traffic control standards and shall not be paid separately.

All Illinois Standard signs shall conform to the latest edition of the "Illinois Standard Highway Signs Book" in effect on the date of invitation for bids.

Signs shall meet the applicable portions of Sections 701 and 720 of the Standard Specifications.

All dimensions are in inches unless otherwise noted.

QUIGG ENGINEERING INC

USER NAME = FNelson	DESIGNED -	REVISED - 3-02-16
	DRAWN -	REVISED -
PLOT SCALE = 2.0000 / in.	CHECKED -	REVISED -
PLOT DATE = 1/10/2022	DATE -	REVISED -

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

								F.A.I. RTE	SECT		
	REGION 2 / DISTRICT 2 STANDARD										
SCALE: NONE	SHEET	3	OF	8	SHEETS	STA.	TO STA.				

WINNEBAGO 19 13 CONTRACT NO. 64R14

ENTRANCE SIGN FOR USE WITH TEMPORARY SIGNALS

WORK ZONE SIGN DETAILS 34.1



COLOR LEGEND AND BORDER BACKGROUND

BLACK ORANGE NON-REFLECTORIZED REFLECTORIZED

2.25" Radius, 0.88" Border, 0.50" IndenT; [CAUTION] D; [ONE LANE ROAD] D; [FOLLOW TRAFFIC] D; [FLOW] D

2 This sign shall be installed at entrances located between the temporary signals as shown in the staging plans.

Table Of Widths And Spaces

22.31	C 3.36	0.62	A 4.18	0.94	U 3.36	0.94	T 3.04	0.94	I 0.78	1.17	O 3.52	1.17	N 3.36	22.31
-------	-----------	------	-----------	------	-----------	------	-----------	------	-----------	------	-----------	------	-----------	-------

	0		Ν		Е
8.23	3.51	1.17	3.36	1.18	3.04

	L		А		N		Е
5.00	3.05	0.31	4.18	0.94	3,36	1.17	3.05

	R		0		Α		D	
5.00	3.36	0.93	3.52	0.94	4.18	0.93	3.36	8.23

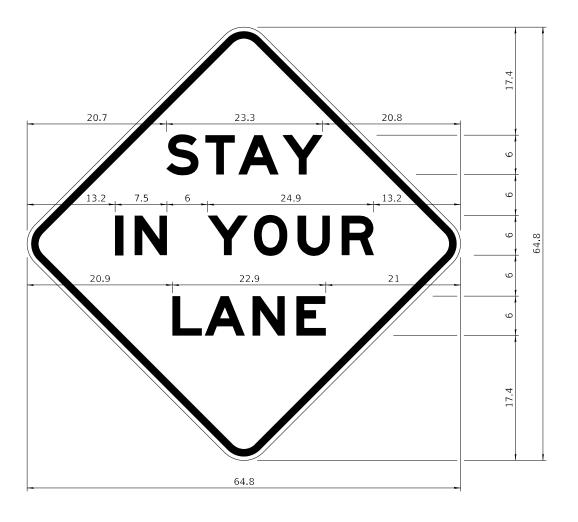
	F		0		L		L		0		W
7.43	3.04	0.94	3.52	1.17	3.04	0.94	3.05	0.94	3.51	0.94	4.37

5.00 3.05 0.94 3.36 0.94 4.18 0.93 3.05 0.94 3.04 0.94 0.78 1.18 3.35 7.43		Т		R		Α		F		F		I		С		
	5.00	3.05	0.94	3.36	0.94	4.18	0.93	3.05	0.94	3.04	0.94	0.78	1.18		7.43	

	F		L		0		W	
27.60	3.05	0.94	3.04	0.94	3.52	0.93	4.38	27.60

Sign not to scale

STAY IN YOUR LANE



COLOR

SCALE: NONE

LEGEND AND BORDER BACKGROUND

BLACK ORANGE NON-REFLECTORIZED REFLECTORIZED

48.0" across sides 3.8" Radius, 1.0" Border, 0.6" Indent; "STAY" E Mod; "IN YOUR" E Mod; "LANE" E Mod;

Table of Letter and Object Lefts

S	Т	Α	Υ
20.7	26.8	31.6	38.0

I	N	Υ	0	U	R
13.2	15.9	26.7	33.9	40.5	46.8

L	Α	N	Е
20.9	25.8	33.1	39.4

Sign not to scale

QUIGG ENGINEERING INC

USER NAME = FNelson	DESIGNED -	REVISED - 3-02-16
	DRAWN -	REVISED -
PLOT SCALE = 2.0000 / in.	CHECKED -	REVISED -
PLOT DATE = 1/10/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

All work to furnish and install these signs shall be included in the cost of the specified traffic control standards and shall not be paid separately.

All Illinois Standard signs shall conform to the latest edition of the "Illinois Standard Highway Signs Book"

Signs shall meet the applicable portions of Sections 701

All dimensions are in inches unless otherwise noted.

in effect on the date of invitation for bids.

and 720 of the Standard Specifications,

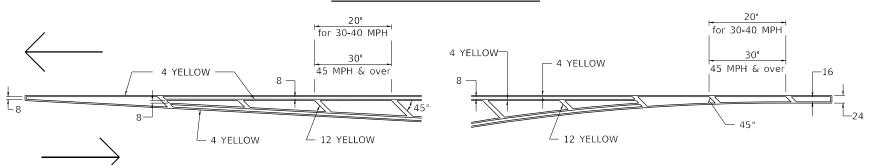
							F.A.I. SECTION COUNTY				COUNTY	TOTAL SHEETS	SHEET NO.
EGION 2 / DISTRICT 2 STANDARD				39	9 (201-2HB)BDR			WINNEBAGO	19	14			
											CONTRACT	NO. 64	1R14
ET	4	OF	8	SHEETS	STA.	TO STA.			ILLINOIS	EED ΔΙ	D PROJECT		

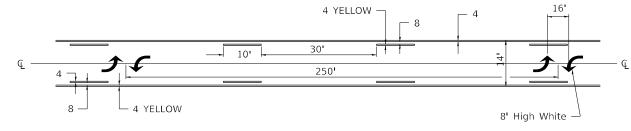
TYPICAL PAVEMENT MARKINGS 41.1

MEDIAN PAVEMENT MARKING

TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN

AT LEFT TURN LANE





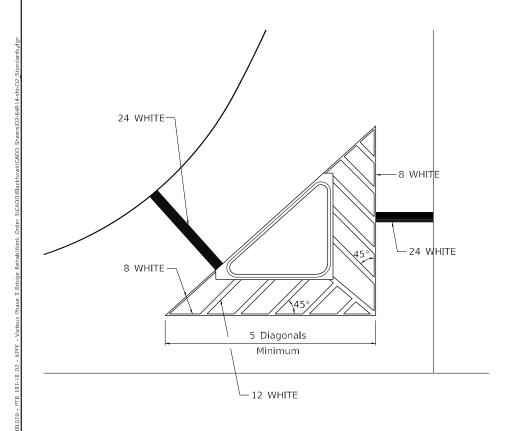
** ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

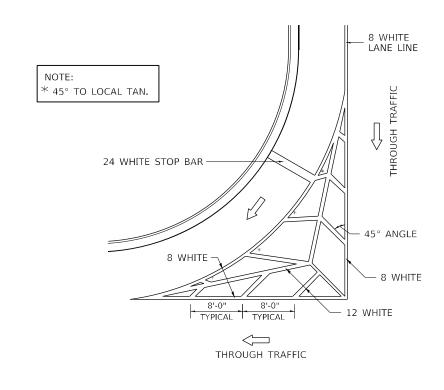
TYPICAL ISLAND OFFSET SHOULDER WIDTH

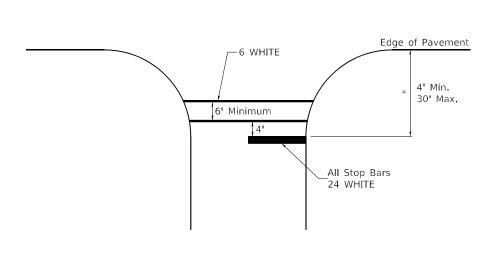
TYPICAL MARKING FOR PAINTED ISLANDS

STANDARD CROSSWALK MARKING

See Schedules for Locations







* Distance to the nearest edge of the intersecting roadway in the absence of a marked crosswalk.

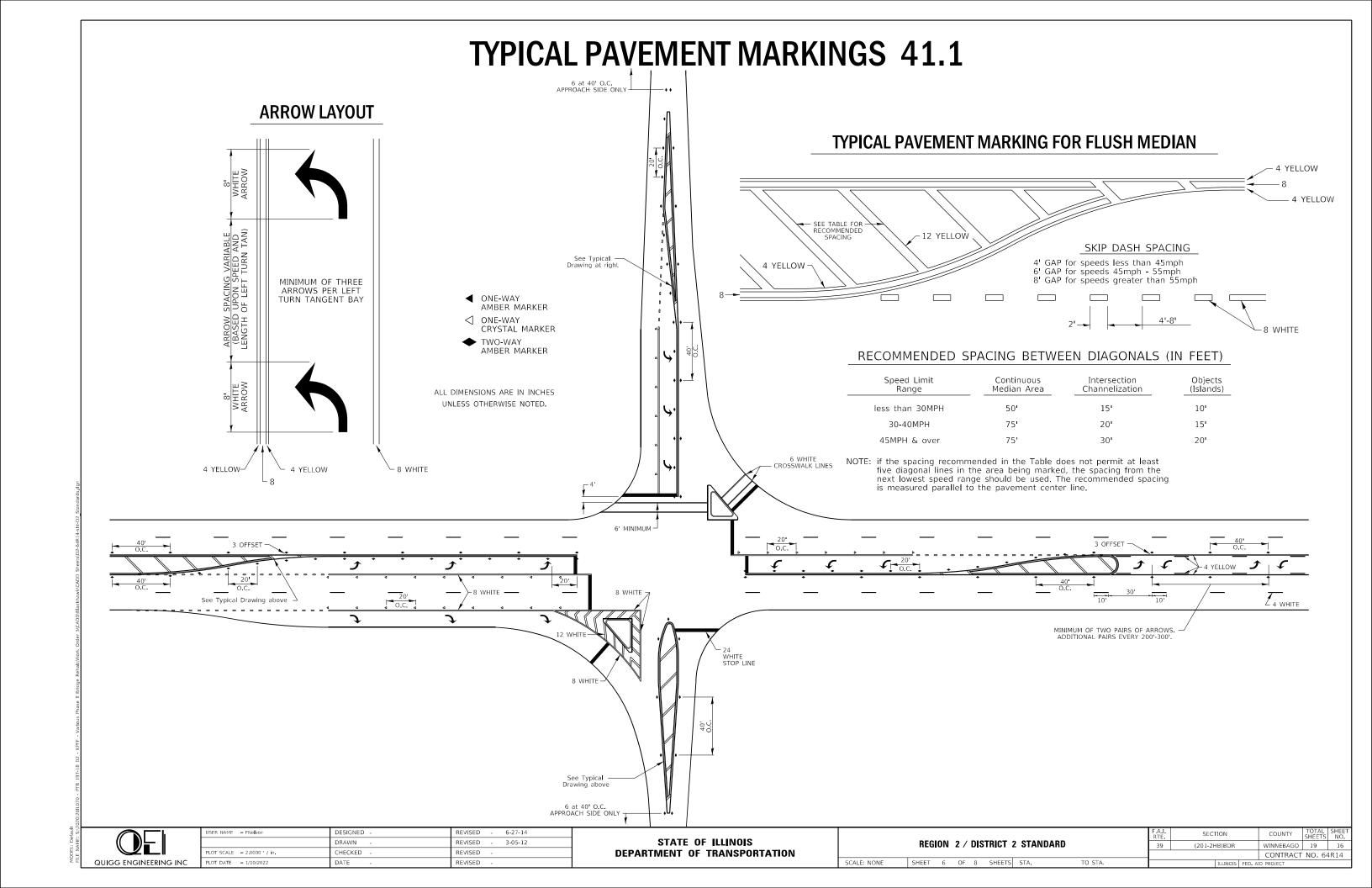
OUIGG ENGINEERING INC

	USER NAME = FNelson	DESIGNED -	REVISED - 6-27-14
		DRAWN -	REVISED - 3-05-12
	PLOT SCALE = 2 0000 / in	CHECKED -	REVISED -
INC	PLOT DATE = 1/10/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

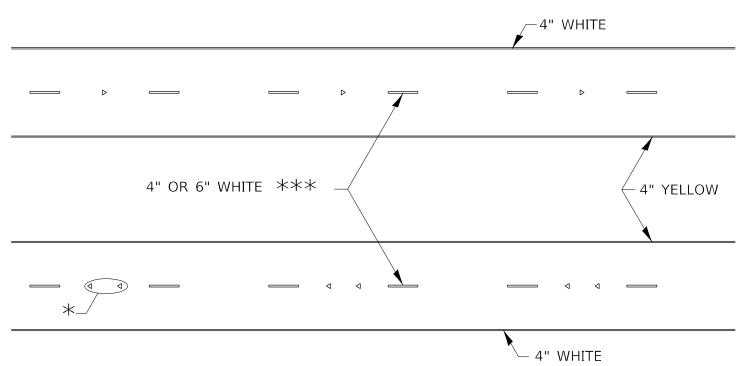
SCALE: NONE

							F.A.I. RTE.	SEC ⁻	TION		
	REGION 2 / DISTRICT 2 STANDARD							39	(201-2F	HB)BDR	
	SHEET	5	OF	8	SHEETS	STA	TO STA			TELIMOTE	CCI



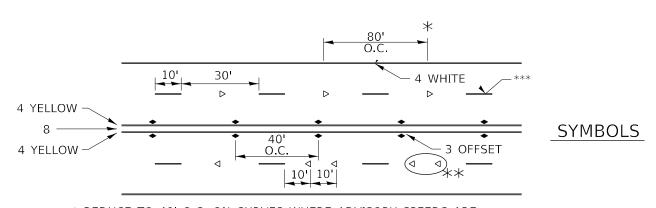
TYPICAL PAVEMENT MARKINGS 41.1

TYPICAL PARKING SPACING



* SEE HIGHWAY STANDARD 781001 FOR SPACING DETAILS. USE DOUBLE MARKERS WHEN ADT \geq 20,000.

MULTI-LANE / DIVIDED

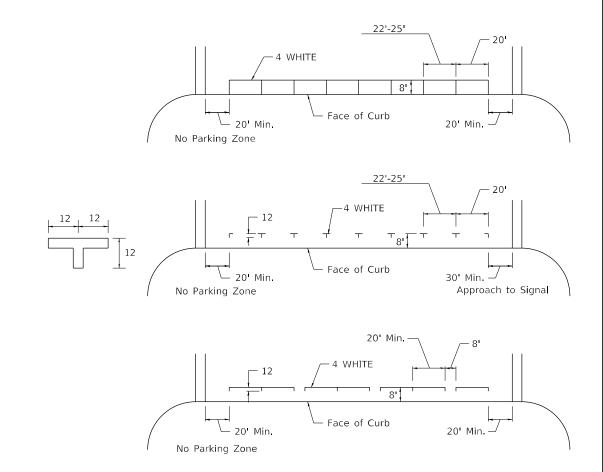


- * REDUCE TO 40' O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH LOWER THAN POSTED SPEEDS.
- ** USE DOUBLE MARKERS WHEN ADT ≥ 20,000

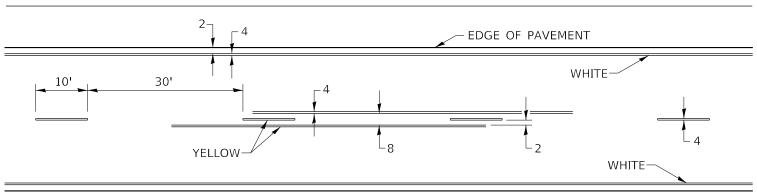
*** CENTERLINE SKIP DASH PAVEMENT MARKING SPEED LIMIT LESS THAN 40 MPH USE 4" LINE. SPEED LIMIT 40 MPH AND OVER USE 6" LINE.

MULTI-LANE / UNDIVIDED & ONE WAY

(FOR MULTI-LANE UNDIVIDED HIGHWAYS USE THIS DETAIL NOT HIGHWAY STANDARD 781001)



TYPICAL PAVEMENT MARKING FOR TWO LANE SECTION - NO PASSING ZONES





USER NAME = FNelson	DESIGNED -	REVISED	-	6-27-14
	DRAWN -	REVISED	-	8-27-13
PLOT SCALE = 2.0000 / in.	CHECKED -	REVISED	-	11-28-12
PLOT DATE = 1/10/2022	DATE -	REVISED	_	

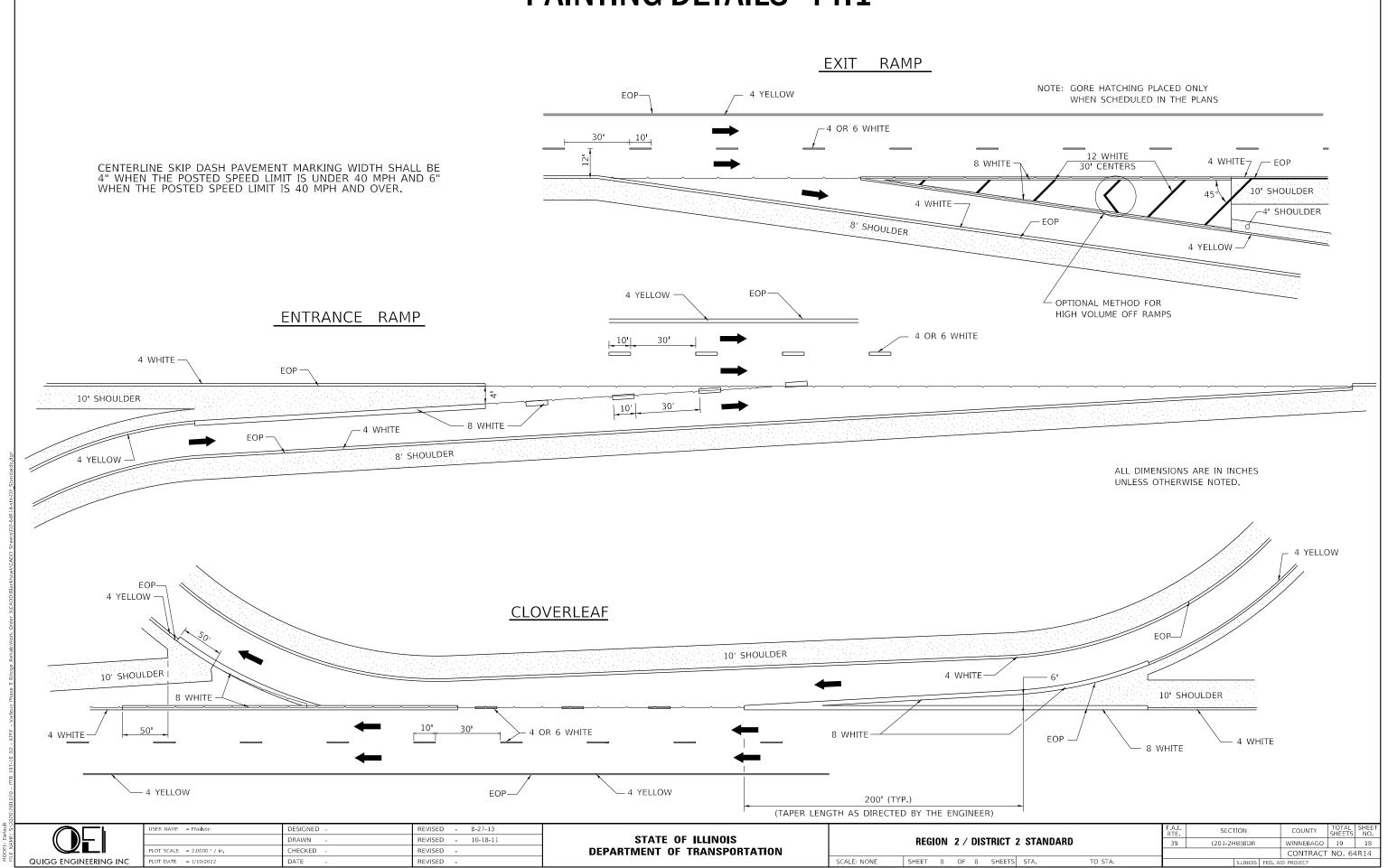
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

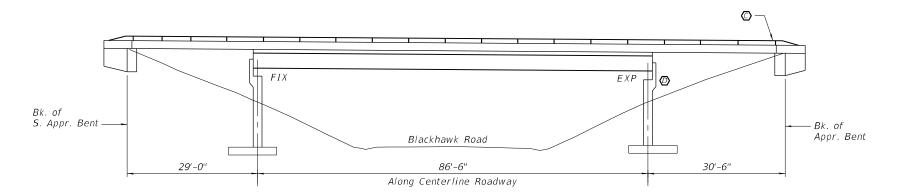
SCALE: NONE

REGION 2 / DISTRICT 2 STANDARD		SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		(201-2HB)BDR	WINNEBAGO	19	17
			CONTRACT	NO. 64	IR14
SHEET 7 OF 8 SHEETS STA. TO STA.		ILLINOIS FED. A	D PROJECT		

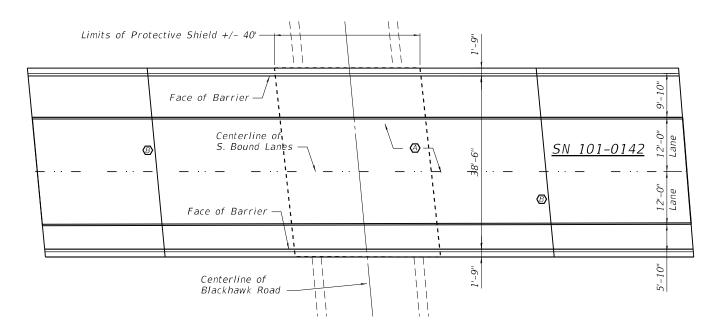
E: S:\2020\2010.070 - PTB 197-18 D2 - KPFF - Variou

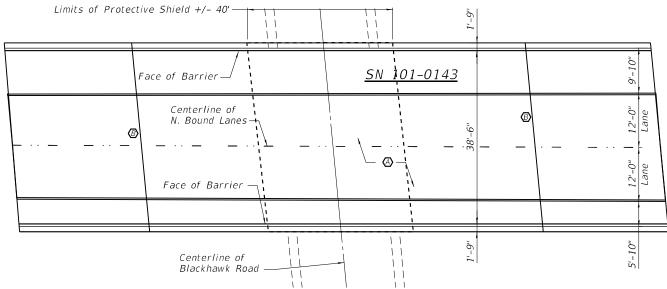
PAINTING DETAILS 44.1





ELEVATION





PLAN

REVISED DESIGNED CHECKED -REVISED PLOT SCALE = DRAWN REVISED PLOT DATE = CHECKED REVISED

SN 101-0142 & 0143 FAI 39 OVER BLACKHAWK ROAD

SECTION 39 WINNEBAGO CONTRACT NO. 64R14 ILLINOIS FED. AID PROJECT 7SCB(31)

TOTAL BILL OF MATERIAL

SCOPE OF WORK

Remove and Replace Expansion Joints

 Barrier Rail Improvements Substructure Repairs

(A) Scarify Existing Deck 2 1/2", Install New 2 3/4" Microsilica Concrete Overlay and Diamond Grind New Overlay 1/4"

	1017/12 13122 07 117/17 127/17		
1	ITEM	UNIT	TOTAL
	Bridge Deck Microsilica Concrete Overlay 2 3/4"	Sq. Yd.	1249
	Concrete Bridge Deck Scarification 2 1/2"	Sq. Yd.	1249
	Bridge Deck Grooving (Longitudinal)	Sq. Yd.	779
	Diamond Grinding (Bridge Section)	Sq. Yd.	1119
**	Protective Coat	Sq. Yd.	1249
	Concrete Removal	Cu. Yd.	10
	Structural Repair of Concrete <= 5 Inches	Cu. Yd.	5
	Concrete Superstructures	Cu. Yd.	10
	Bar Splicers	Each	24
	Reinforcement Bars, Epoxy Coated	Pound	1574
	Preformed Joint Strip Seal	Foot	168
	Bridge Rail Removal	Foot	584
	Retrofit Concrete Parapet	Foot	576
*	Acrylic Coating	Sq. Yd.	454
	Protective Shield	Sq. Yd.	375

** On New Concrete Surfaces of the Deck and Overlay

GENERAL NOTES

Plan dimensions and details relative to the existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

Removal of the existing raised reflectors will be incidental to removal of the

existing overlay.

Prior to pouring the new concrete overlay, all heavy or loose rust, loose mill scale, and other loose or potentially detrimental foreign material shall be removed from the surfaces in contact with concrete. Tightly adhered paint may remain unless otherwise noted. Removal shall be accomplished by methods that will not damage the steel and the cost will be included in the pay item covering removal of the

existing concrete.

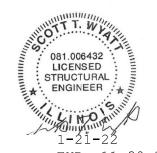
Reinforcement bars designated (E) shall be epoxy coated.

Existing reinforcement bars extending into the removal area shall be cleaned, straightened and incorporated into the new construction. Any reinforcement bars that are damaged during concrete removal shall be repaired with an approved bar splicer anchorage system. Cost included with Concrete Removal.

Joint openings shall be adjusted according to Article 520.04 of the Standard

Specifications when the deck is poured at an ambient temperature other than

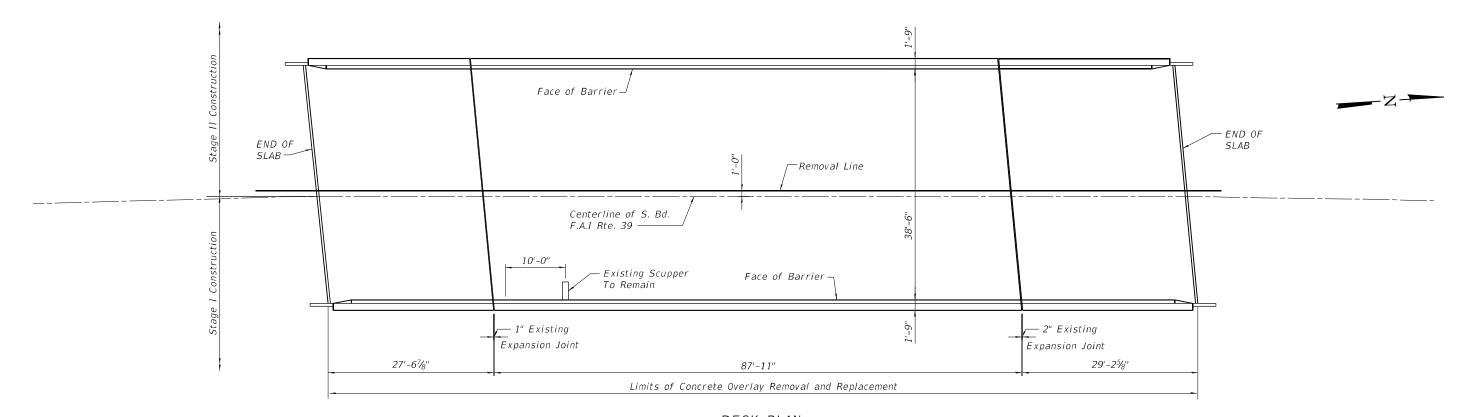
Traffic will be maintained using staged construction.



EXP. 11-30-22

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

^{*} On Existing Parapet and Parapet Retrofit



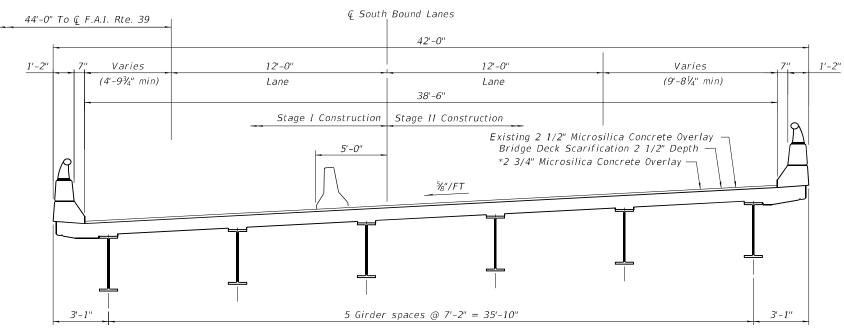
DECK PLAN

DESIGNED -REVISED -CHECKED -REVISED -PLOT SCALE = DRAWN -REVISED -PLOT DATE = CHECKED -REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION SN 101-0142 & 0143 FAI 39 OVER BLACKHAWK ROAD DECK PLAN - SN 101-0142

F.A. RTE. 39 SECTION (201-2HB)BDR

* Overlay Thickness Prior to 1/4" Grinding $\frac{DECK\ CROSS\ SECTION}{STAGE\ I}$ (Looking South)



* Overlay Thickness Prior to 1/4" Grinding $\underline{DECK\ CROSS\ SECTION}$ $\underline{STAGE\ II}$

(Looking South)

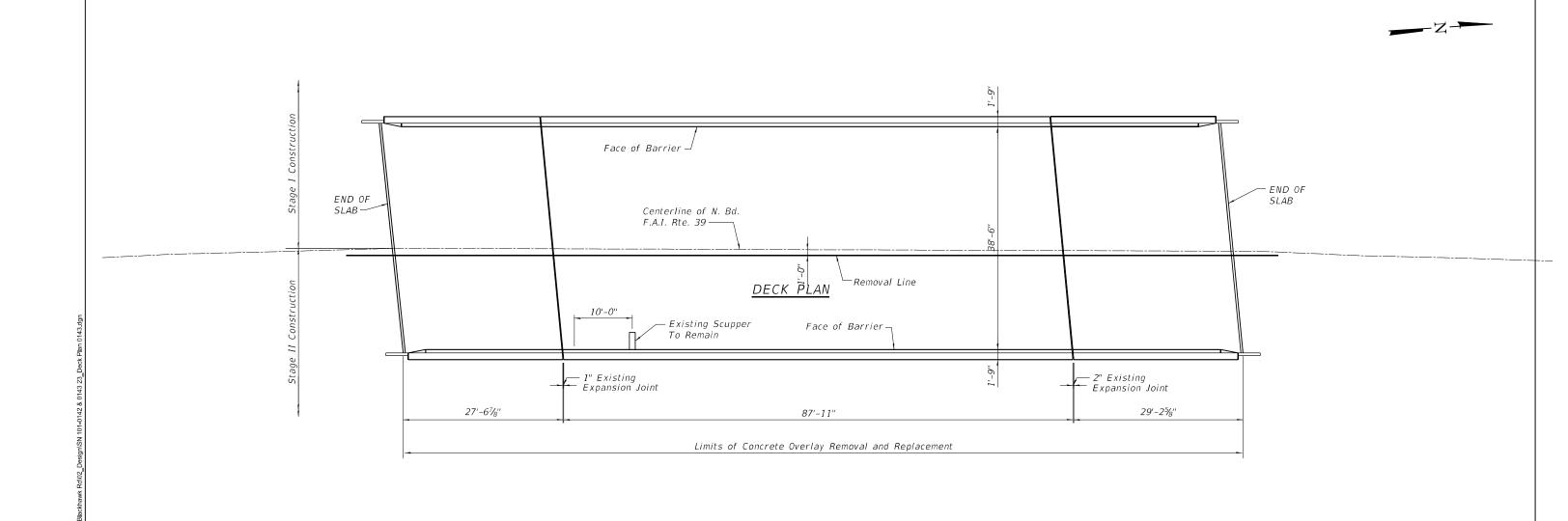
STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

1560 Sherman Ave, Suite 10.
Evanston, I. 60201
847-859-7790
www.kpff.com

USER NAME =	DESIGNED -	REVISED -
	CHECKED -	REVISED -
PLOT SCALE =	DRAWN -	REVISED -
PLOT DATE =	CHECKED -	REVISED -

A. RTE.	SECT	ION		COUNT	Υ	TOTAL SHEETS	SHEET NO.
39	(201-2	HB)BDR		WINNEBA	AG0	30	22
			CONTR	RACT	Γ NO. €	4R14	
		ILLINOIS	FED. A	ID PROJECT	7SCB	(31)	



1560 Sherman Ave, Su Evanston, II. 60/201 847-859-7790 www.kpff.com

 USER NAME
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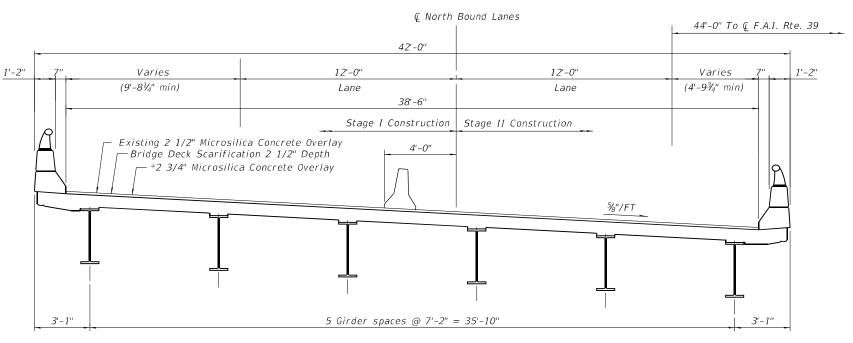
 PLOT DATE
 =
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 REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SN 101-0142 & 0143 FAI 39 OVER BLACKHAWK ROAD DECK PLAN SN 101-0143 A. SECTION COUNTY TOTAL SHEET NO.
39 (201-2HB)BDR WINNEBAGO 30 23

CONTRACT NO. 64R14

| ILLINOIS | FED. AID | PROJECT | 75CB(31)



* Overlay Thickness Prior to 1/4" Grinding

DECK CROSS SECTION - STAGE II

(Looking North)

| 1560 Sherman Ave, Suite 1020 | Evanston, II. 60201 | 847-859-7790 | www.kpff.com

 USER NAME
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 PLOT SCALE
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 PLOT DATE
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 REVISED

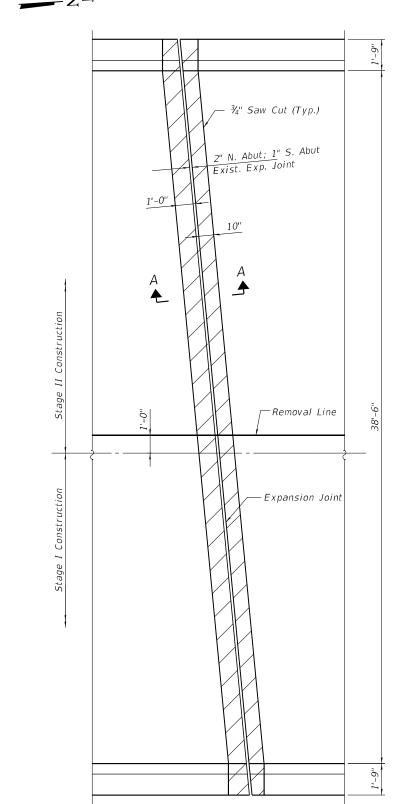
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

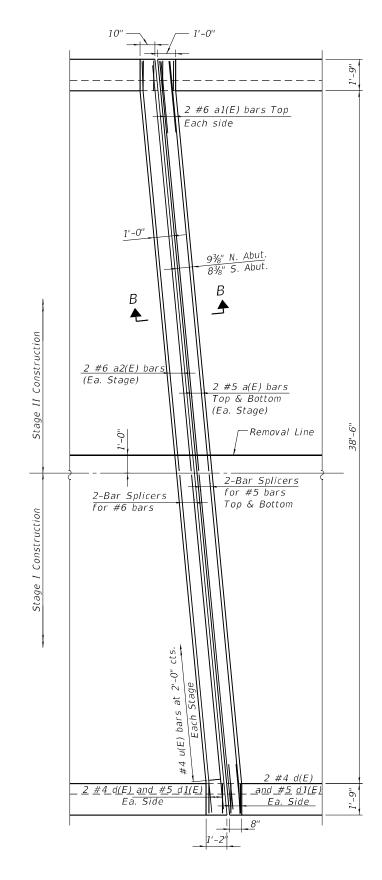
SN 101-0142 & 0143 FAI 39 OVER BLACKHAWK ROAD CROSS SECTION SN 101-0143

F.A. RTE. SECTION COUNTY TOTAL SHEETS NO.
39 (201-2HB)BDR WINNEBAGO 30 24

CONTRACT NO. 64R14

||ILLIN015|| FED. AID PROJECT TSCB(31)





REPLACEMENT PLAN

N. B. Roadway, S. Abut. shown, other abutments symmetical about & pier and & FAI 39

REMOVAL PLAN

kpff	1560 Sherman Ave, Suite 102 Evanston, IL 60201 847-859-7790 www.kpff.com
_	

USER NAME =	DESIGNED -	REVISED -
	CHECKED -	REVISED -
PLOT SCALE =	DRAWN -	REVISED -
PLOT DATE =	CHECKED -	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION SN 101-0142 & 0143 FAI 39 OVER BLACKHAWK ROAD JOINT DETAILS

2" N. Abut. 1" S. Abut. @ 50° F

10"

Removal

SECTION A-A

, 2¾" @ 50° F

93/8" N. Abut.

8¾" S. Abut

SECTION B-B

1'-0"

- See Joint Details Sheet 26

1'-0"

Removal

2½" Scarification ¬

Exist. reinf. to remain-

New 2¾" Microsilica Concrete Overlay

#4 u(E) bars

91/4" Prior to

1/4" Grinding

#6 a2(E) bar

Prior to ½" Grinding -

– ¾" Saw Cut (Typ.)

┌ 2½" Scarification

Exist. reinf. to remain

- New 2¾" Microsilica Concrete Overlay

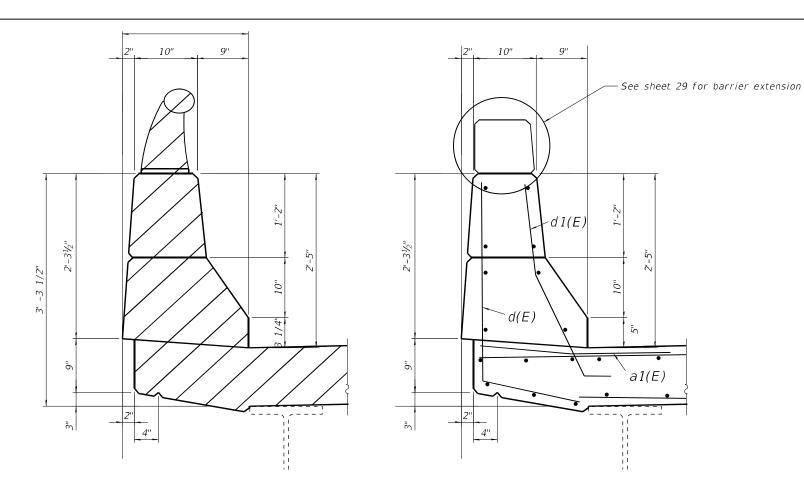
Prior to 1⁄4" Grinding

∕8¼" Prior to

 V_4 " Grinding

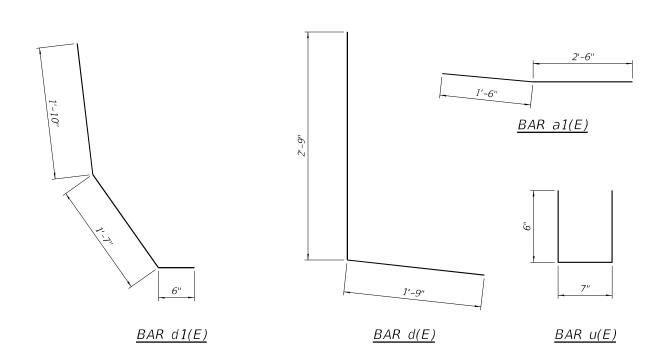
2 #5 a(E) bars Top and Bot.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	(201-2HB)BDR	WINNEBAGO	30	25
		CONTRACT	Γ NO. €	54R14
	ILLINOIS FED. A	ID PROJECT 7SCB	(31)	



SECTION THORUGH BRIDGE PARAPET

SECTION THRU BRIDGE PARAPET SHOWING REPLACEMENT

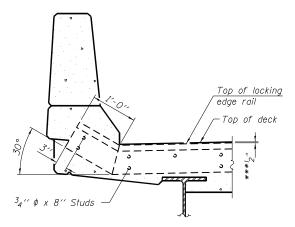


BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a(E)	32	5	20'-6"	
a1(E)	16	6	4'-0"	
a2(E)	16	5	20'-6"	
d(E)	32	4	5'-6"	
d1(E)	32	5	3'-11"	
u(E)	80	4	1'-7"	
Concrete Removal		Cu, Yd	10	
Concret	e Superstr	ucture	Cu. Yd	10
Bar Spli	cers		Each	24
Reinforcing Bars, Epoxy Coated		Pound	1574	

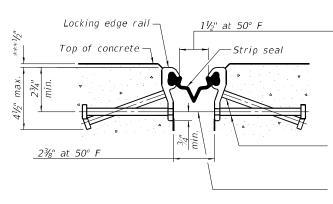
٥	USER NAME =	DESIGNED -	REVISED -
		CHECKED -	REVISED -
	PLOT SCALE =	DRAWN -	REVISED -
	PLOT DATE =	CHECKED -	REVISED -

F.A. RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
39	(201-2HB)BDR		WINNEBAGO	30	26
·			CONTRACT	Γ NO. €	54R14
	ILL INO	S FED. A	ID PROJECT 7SCB	(31)	

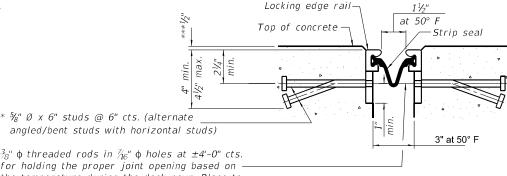


SECTION A-A

*** Prior to 1/4" Grinding



SHOWING ROLLED RAIL JOINT



SHOWING WELDED RAIL JOINT

 $\frac{3}{8}$ " ϕ threaded rods in $\frac{7}{16}$ " ϕ holes at ± 4 '-0" cts. for holding the proper joint opening based on the temperature during the deck pour. Place to miss studs. All rods shall be burned, or sawed off flush with the plates after concrete is set.

SECTION A-A

* Granular or solid flux filled headed studs conforming to Article 1006.32 of the Std. Specs., automatically end welded.

Notes:

The strip seal shall be made continuous and shall have a minimum thickness of $\frac{1}{4}$ ". The configuration of the strip seal shall match the configuration of the locking edge rails. Open or "webbed" strip seal gland configurations are not permitted. The gland shall be sized for a maximum rated movement of 4 inches.

The locking edge rails depicted are configured for typical applications and are conceptual only. The actual configuration of the locking edge rails and matching strip seal may vary from manufacturer to manufacturer provided they fit the application and meet the minimum anchorage shown. Flanged edge rails, however, will not be allowed. Locking edge rails may exceed the 4½" maximum depth provided the anchorage system is revised according to the manufacturer's recommendation.

The manufacturer's recommended installation methods shall be followed.

All steel components shall be galvanized after fabrication according to Article 520.03 of the Standard Specifications.

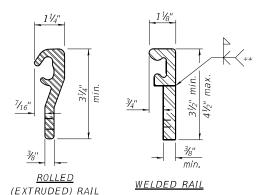
The Maximum space between locking edge rail segments shall be $\frac{3}{16}$ " and sealed with a suitable sealant; however, any rail joint within 10' measured perpendicular to the face of the curb or parapet shall be welded as shown in the locking edge rail splice detail.

The top surface of sidewalk sliding plates shall have a raised pattern according to ASTM A786.

Cost of parapet sliding plates, sidewalk sliding plates, embedded plates, anchorage studs, and expansion anchors included with Preformed Joint Strip Seal.

39" constant slope barrier shown, 44" constant slope barrier similar as noted.

The concrete opening below the strip seal will vary based on the locking edge rail chosen by the Contractor. Deck and parapet lengths shown elsewhere in the plans are dimensioned to the concrete opening, not the joint opening, and are based on the rolled locking edge rail. If the Contractor elects to use a different locking edge rail, dimensional adjustments may be required. One exception to this would be the strip seal joint at the end of the precast bridge approach slab. For these cases the pavement connector length shall be adjusted, not the length of the bridge approach slab.



LOCKING EDGE RAILS

** Back gouge not required if complete joint penetration is verified by mock-up.

LOCKING EDGE RAIL SPLICE

The inside of the locking edge rail groove shall be free of weld residue. Rolled rail shown, welded rail similar.



USER NAME =	DESIGNED -	REVISED -
	CHECKED -	REVISED -
PLOT SCALE =	DRAWN -	REVISED -
PLOT DATE =	CHECKED -	REVISED -

STATE OF ILLINOIS

SN 101-0142 & 0143 FAI 39 OVER BLACKHAWK ROAD PREFORMED JOINT STRIP SEAL

T.A. SECTION COUNTY TOTAL SHE	
39 (201-2HB)BDR WINNEBAGO 30 2	7
CONTRACT NO. 64R	14
ILLINOIS FED. AID PROJECT 7SCB(31)	

DEPARTMENT OF TRANSPORTATION

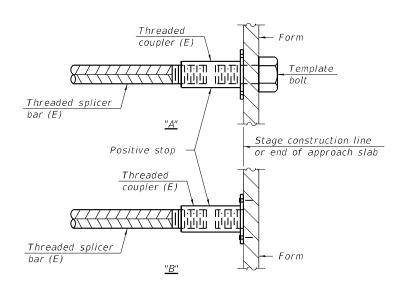
STANDARD BAR SPLICER ASSEMBLY PLAN

(All components shall be provided from one supplier)

Threaded splicer bar length = min. lap length + $1\frac{1}{2}$ " + thread length

* Epoxy not required on Bar Splicer Assembly components used in conjunction with black bars.

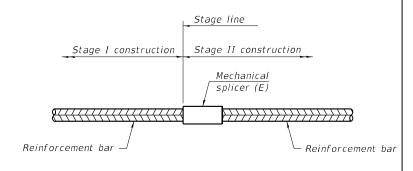
Location	Bar size	No. assemblies required	Minimum lap length
Deck	#5	16	3'-6"
Abutment	#6	8	4'-0"



INSTALLATION AND SETTING METHODS

"A": Set bar splicer assembly by means of a template bolt. "B" : Set bar splicer assembly by nailing to wood forms or cementing to steel forms.

(E): Indicates epoxy coating.



STANDARD MECHANICAL SPLICER

Location	Bar size	No. assemblies required

Splicer bars shall be deformed with threaded ends and have a minimum 60 ksi yield strength.

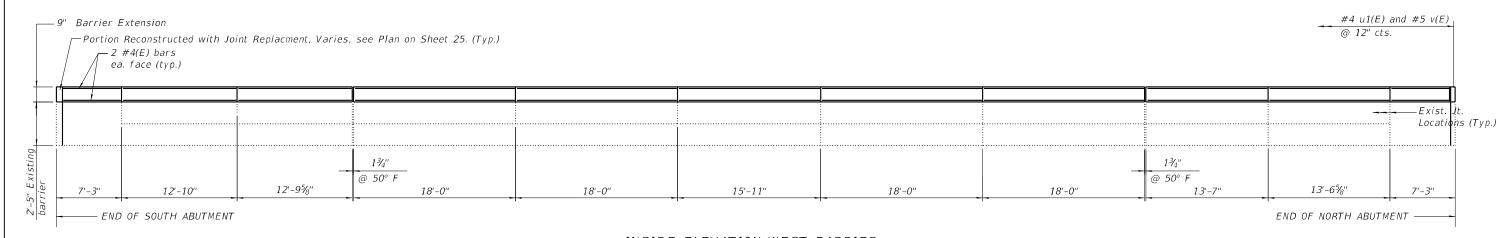
All reinforcement shall be lapped and tied to the splicer bars.

Bar splicer assemblies shall be epoxy coated according to the requirements for reinforcement bars. See Section 508 of the Standard Specifications.

See approved list of bar splicer assemblies and mechanical splicers for alternatives.

USER NAME =	DESIGNED -	REVISED -
	CHECKED -	REVISED -
PLOT SCALE =	DRAWN -	REVISED -
PLOT DATE =	CHECKED -	REVISED -

RTE.	SECT	TION	COUNTY	TOTAL SHEETS	SHEET NO.
39	(201-2	HB)BDR	WINNEBAGO	30	28
·			CONTRACT	NO. 6	4R14
ILLINOIS FED. AID PROJECT 7SCB(31)					

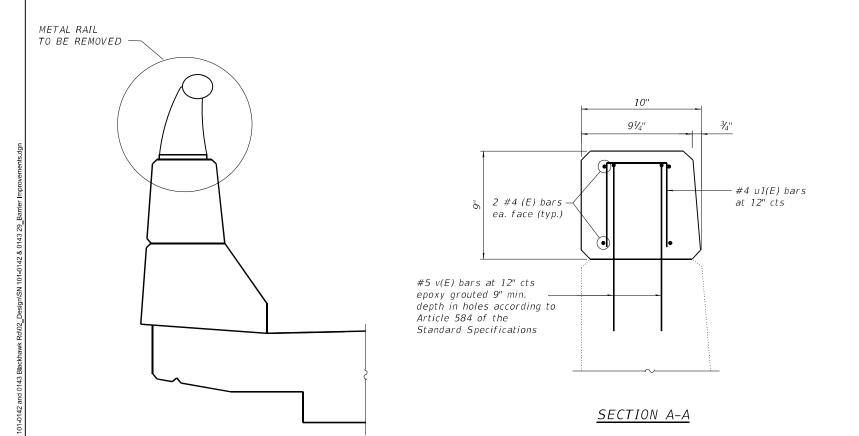


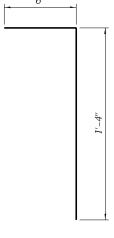
INSIDE ELEVATION WEST BARRIER (EAST SIMILAR)

If the anchorage section of the approach guardrail conflicts with the barrier improvements, it shall be removed during rail removal and replaced after the barrier concrete has cured. Cost included with Remove Barrier Rail.

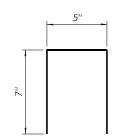
<u>NOTES</u>

- 1. All exposed edges shall be chamfered ¾"
- 2. Cost of all materials, labor and equipment to complete the work as detailed and specified in the Special Provisions shall be included in the cost of "Retrofit Concrete Parapet" with the exception of Bridge Rail removal and Acrylic Coating.
- 3. Retrofit Concrete Parapet shall be used on both sides of both structures over the full length of the structures less portions poured with expansion joint replacement.
- 4. Acrylic Coating to be applied to inside face, outside face and top surface of the existing and reconstructed parapet.





BAR v(E)



BAR u1(E)

BILL OF MATERIAL

ITEM	UNIT	TOTAL
Retrofit Concrete Parapet	Foot	576
Bridge Rail Removal	Foot	584
Acrylic Coating	Sq. Yd.	454

EXISTING BARRIER SECTION

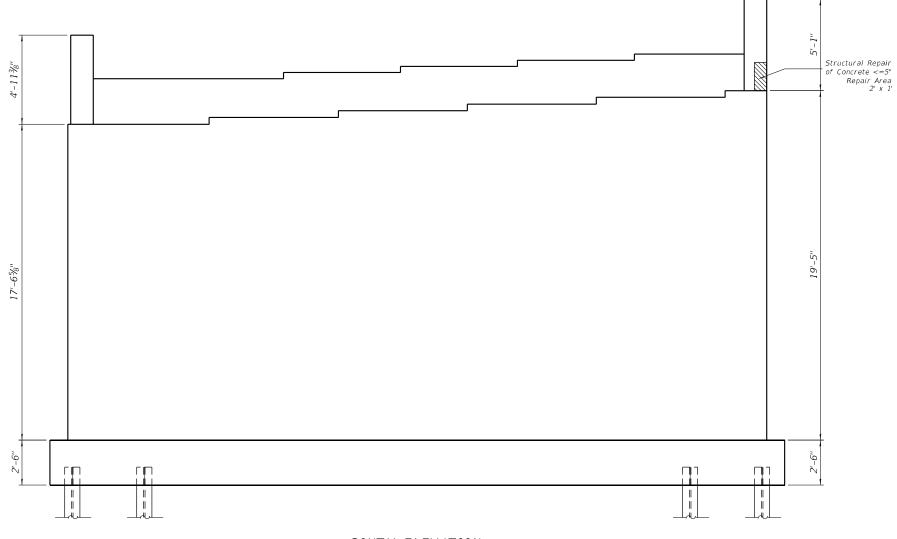


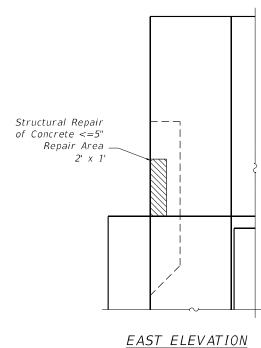
0	USER NAME =	DESIGNED -	REVISED -
		CHECKED -	REVISED -
	PLOT SCALE =	DRAWN -	REVISED -
	PLOT DATE =	CHECKED -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SN 101-0142 & 0143 FAI 39 OVER BLACKHAWK ROAD BARRIER IMPROVEMENTS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEE NO.
39	(201-2HB)BDR	WINNEBAGO	30	29
		CONTRAC	T NO. 6	54R14
	ILLINOIS FED. A	ID PROJECT 7SCB	(31)	





N. Abut. SN 101-0143

SOUTH ELEVATION

N. Abut. SN 101-0143

NOTES:

Areas of pier repairs estimated by visual inspection. Contractor to notify the Engineer if, during the course of repairs, additaional areas of loose or delaminated concrete with exposed reinforcing are discovered.

0	USER NAME =	DESIGNED -	REVISED -
		CHECKED -	REVISED -
	PLOT SCALE =	DRAWN -	REVISED -
	PLOT DATE =	CHECKED -	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION SN 101-0142 & 0143 FAI 39 OVER BLACKHAWK ROAD SUBSTRUCTURE REPAIRS

A. RTE.	SECT	ION	COUNTY	TOTAL SHEETS	SHEET NO.	
39	(201-2	HB)BDR	WINNEBAGO	30	30	
			CONTRAC	Γ NO. €	4R14	
	ILLINOIS FED. AID PROJECT 7SCB(31)					