

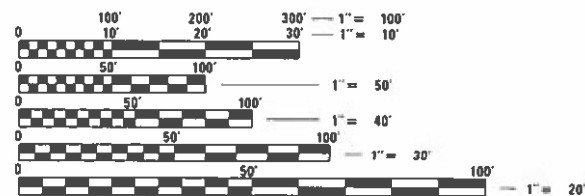
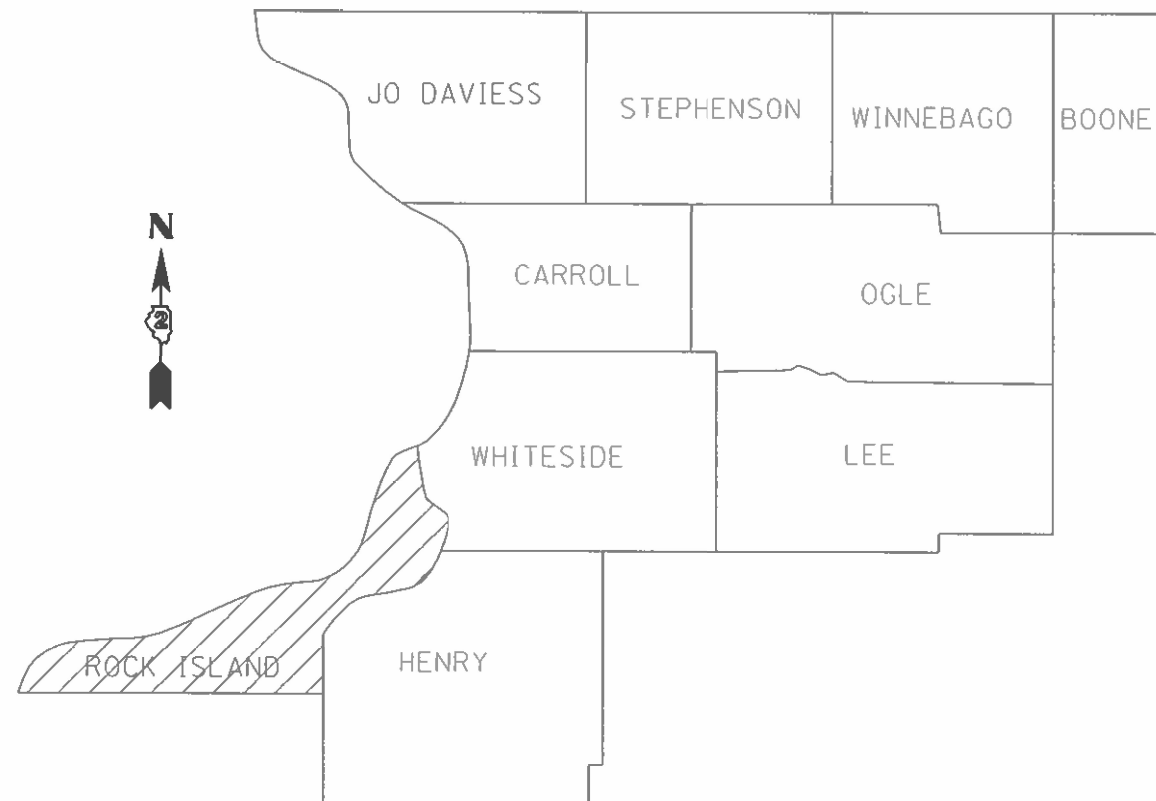
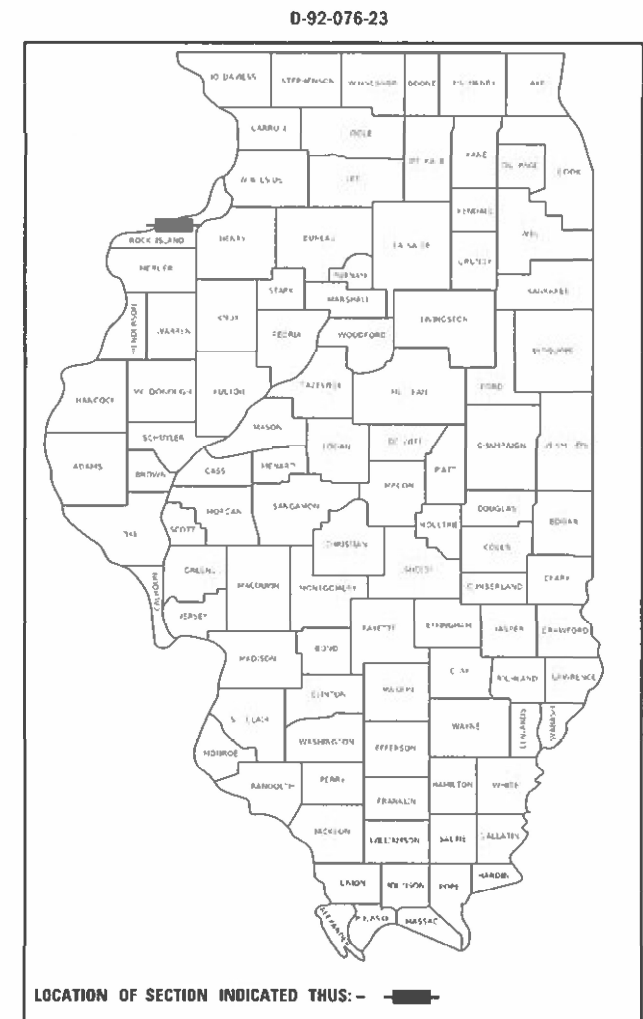
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D2 BDS 2024-02	ROCK ISLAND	10	1
		ILLINOIS	CONTRACT NO. 64S53	

FOR INDEX OF SHEETS, SEE SHEET NO. 2
FOR HIGHWAY STANDARDS, SEE SHEET NO. 2

PROPOSED
HIGHWAY PLANS

VARIOUS ROUTES
SECTION: D2 BDS 2024-02
TYPE of IMPROVEMENT: BRIDGE DECK SEALING
ROCK ISLAND COUNTY
STP-DM71(186)
C-92-120-23



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

PROJECT ENGINEER: DAVID DOSS (815) 284-5416
PROJECT MANAGER: MAHMOUD ETEMADI (815) 284-5393

CONTRACT NO. 64S53

DISTRICT 2

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED Oct 4 2023
Masood Ahmad
REGIONAL ENGINEER

December 8, 2023
S. E. A. ETK
ENGINEER OF DESIGN AND ENVIRONMENT

December 8, 2023
Steph M. Smith
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

- 1 COVER SHEET
- 2 INDEX OF SHEETS & HIGHWAY STANDARDS
- 2 GENERAL NOTES
- 3 SUMMARY OF QUANTITIES
- 4 SCHEDULE OF QUANTITIES
- 5 LOCATION MAP ROCK ISLAND COUNTY
- 6 SEALING DETAIL
- 7-10 TRAFFIC CONTROL FOR TRANSITION AREAS (DIST STD 38.1)

GENERAL NOTES

THE CONCRETE SEALER SHALL BE APPLIED TO THE ENTIRE TOP SURFACE OF THE DECK, INCLUDING THE INSIDE FACES AND TOPS OF PARAPETS.

WATER BASED CONCRETE SEALERS WILL NOT BE ALLOWED.

WORK ON THIS PROJECT MAY POTENTIALLY CONFLICT WITH WORK ON OTHER CONTRACTS IN THE AREA. THE CONTRACTOR SHOULD BE PREPARED TO PLAN FOR POTENTIAL DELAYS AND COOPERATE WITH CONTRACTORS ON THE OTHER PROJECTS.

HIGHWAY STANDARDS

- 701006-05 OFF ROAD OPERATIONS, 2L, 2W, 15' TO 24' FROM PAVEMENT EDGE
- 701101-05 OFF ROAD OPERATIONS, MULTILANE, 15' TO 24' FROM PAVEMENT EDGE
- 701201-05 LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS \geq TO 45 MPH
- 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701400-12 APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
- 701406-13 LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
- 701411-09 LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS \geq 45 MPH
- 701426-09 LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS \geq 45 MPH
- 701428-01 TRAFFIC CONTROL SETUP AND REMOVAL FREEWAY/EXPRESSWAY
- 701701-10 URBAN LANE CLOSURE, MULTILANE INTERSECTION
- 701801-06 SIDEWALK, CORNER OR CROSSWALK CLOSURE
- 701901-09 TRAFFIC CONTROL DEVICES

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--	--	---	--	---

SUMMARY OF QUANTITIES

CODE NUMBER	ITEM	UNIT	ROCK ISLAND COUNTY					TOTAL QUANTITY
			0047 STP 90% FEDERAL 10% STATE URBAN	0047 STP 80% FEDERAL 20% STATE URBAN	0047 STP 80% FEDERAL 20% STATE URBAN	0047 STP 80% FEDERAL 20% STATE RURAL	0047 HIBP 80% FEDERAL 20% STATE RURAL	
67100100	MOBILIZATION	L SUM	0.41	0.17	0.17	0.08	0.17	1
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	2					2
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM			0.50	0.17	0.33	1
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	0.90	0.10				1
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM		1				1
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM			1			1
X5870015	BRIDGE DECK CONCRETE SEALER	SQ FT	103,997	6,608	23,868	3,576	9,046	147,095
	COLUMN #'s TO CROSS REFERENCE WITH SCHEDULE OF QUANTITIES		#1	#2	#3	#4	#5	

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

SHEET	SECTION	COUNTY	PROJECT
VAR. 1	02 BOS 2024-02	ROCK ISLAND	10 I 3
		CONTRACT NO. 64553	
ILLINOIS FED. AID PROJECT			

SCHEDULE OF QUANTITIES

SOQ COLUMN #	SN	FacilityCarried	FeatureCrossed	Location	Area to be sealed (Sq. Ft.)	Traffic Control Standard
1	0810012	FAI 80 SB	I-88 & IL 92	2.5 MI NE SILVIS	11,683	701400 & 701406 & 701411 OR 701426
1	0810013	FAI 80 NB	I-88 & IL 92	2.5 MI NE SILVIS	11,683	701400 & 701406 & 701411 OR 701426
1	0810018	FAI 280 EB	IAIS RR	0.5 MI W OF US 67	9,429	701400 & 701406 OR 701426
1	0810019	FAI 280 WB	IAIS RR	0.5 MI W OF US 67	9,586	701400 & 701406 OR 701426
1	0810022	FAI 280 EB	US RT 67	IN MILAN	7,714	701400 & 701406 OR 701426
1	0810023	FAI 280 WB	US RT 67	IN MILAN	7,714	701400 & 701406 OR 701426
1	0810024	FAI 280 WB	IAIS RR	0.1 MI E OF US 67	12,778	701400 & 701406 OR 701426
1	0810025	FAI 280 EB	IAIS RR	0.1 MI E OF US 67	12,963	701400 & 701406 OR 701426
1	0810026	FAI 280 EB	MILL CREEK	0.6 MI E OF US 67	10,221	701400 & 701406 OR 701426
1	0810027	FAI 280 WB	MILL CREEK	0.6 MI E OF US 67	10,226	701400 & 701406 OR 701426
2	0810081	ILL 5	MILL CREEK	1 MI E OF US 67	2,023	701301 & 701701
3	0810089	CAMPBELL ISLAND RD	BRANCH OF MISS RIVER	0.3 MI NW OF ILL 84	14,220	701201 & 701801
2	0810094	IL 92 NB (CENT FRWY)	W. 27TH ST R.I.	0.6 MI S 31ST ST R.I.	4,585	701400 & 701406 OR 701426
4	0810149	MOLINE RD (OLD IL 2)	CANOE CREEK	2 MI. SW. HILLSDALE	3,576	701201
5	0810150	US 67	MILL CREEK OVERFLOW	1.1 MI. S. OF IL 94	2,826	701201
5	0810151	US 67	MILL CREEK	1.2 MI. S. OF IL 94	6,220	701201
3	0810164	US ROUTE 150	COAL CREEK	1.4 MI SE JCT US 6	4,479	701201
3	0810165	US ROUTE 150	COAL CREEK	E EDGE COAL VALLEY	5,168	701201

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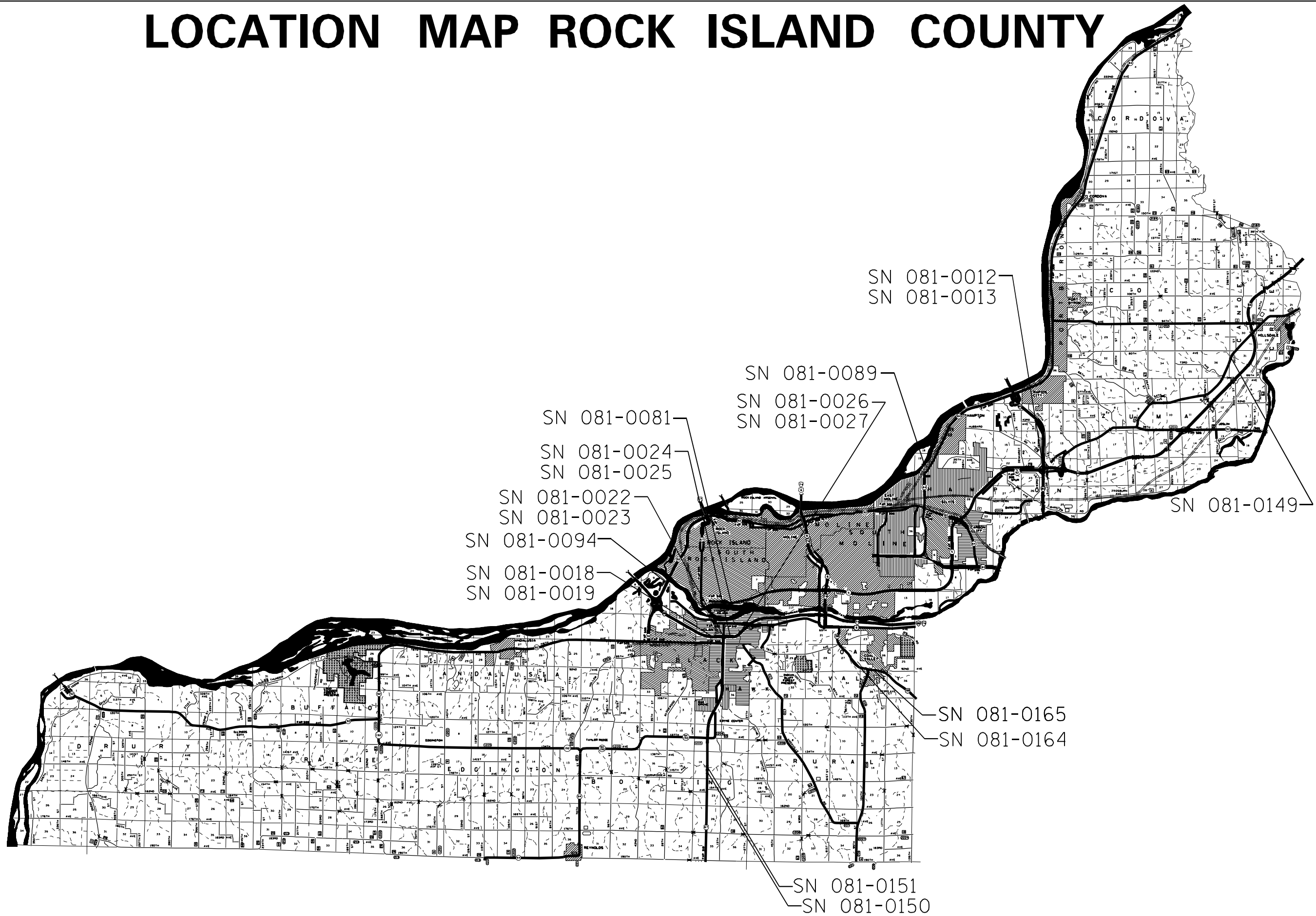
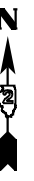
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D2 BDS 2024-02	ROCK ISLAND	10	4
CONTRACT NO. 64553				
ILLINOIS FED. AID PROJECT				

LOCATION MAP ROCK ISLAND COUNTY



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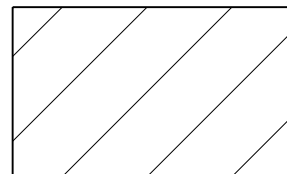
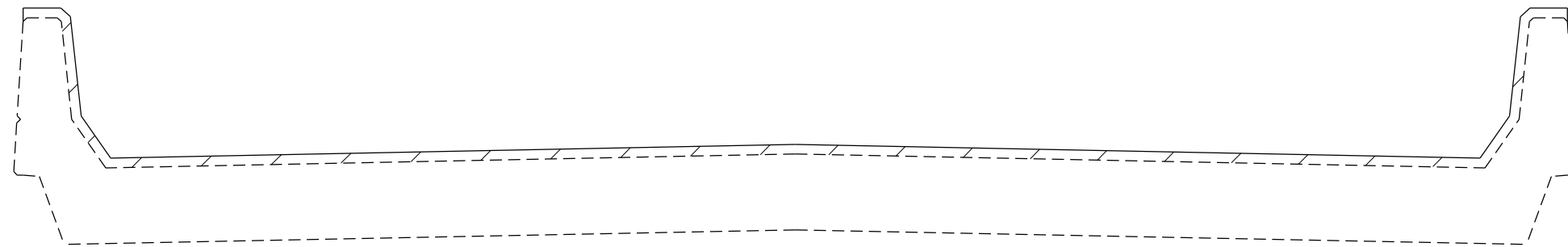
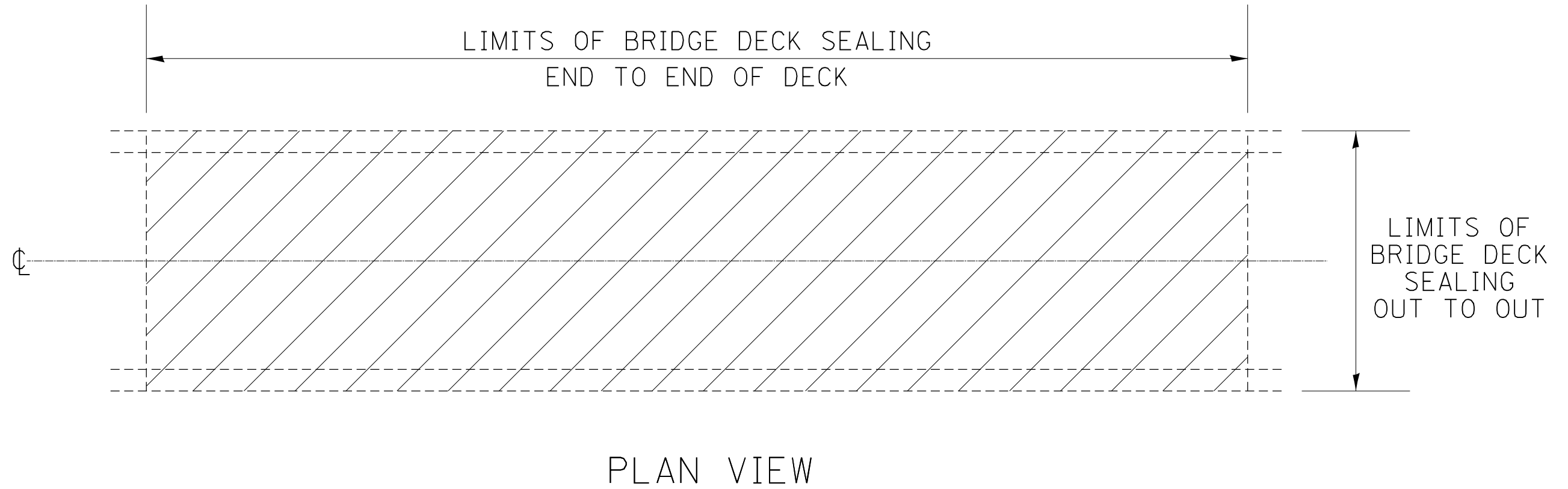
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LOCATION MAP
ROCK ISLAND COUNTY**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D2 BDS 2024-02	ROCK ISLAND	10	5
			CONTRACT NO. 64553	
ILLINOIS FED. AID PROJECT				

SEALING DETAIL



AREA TO BE SEALED

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	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SEALING DETAIL

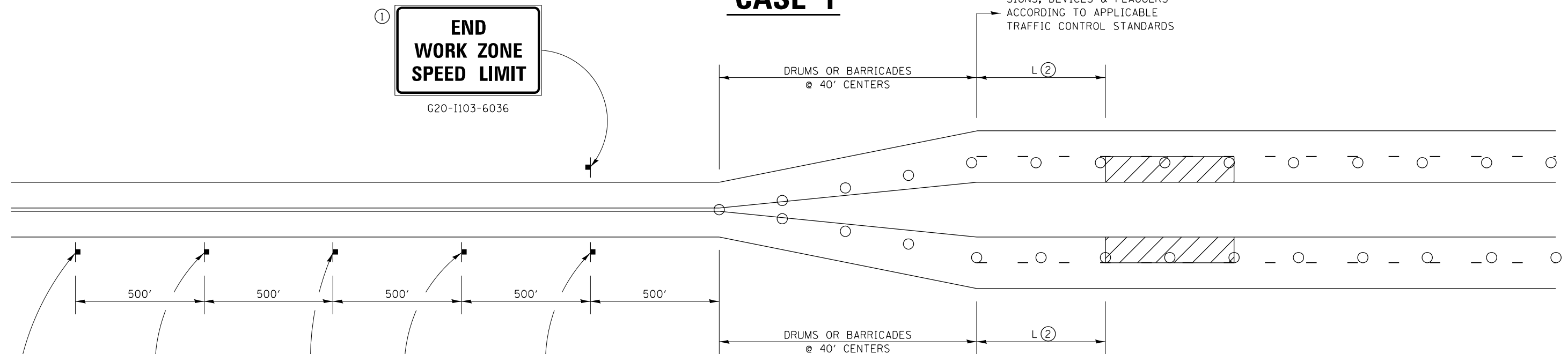
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 64553			ILLINOIS FED. AID PROJECT	

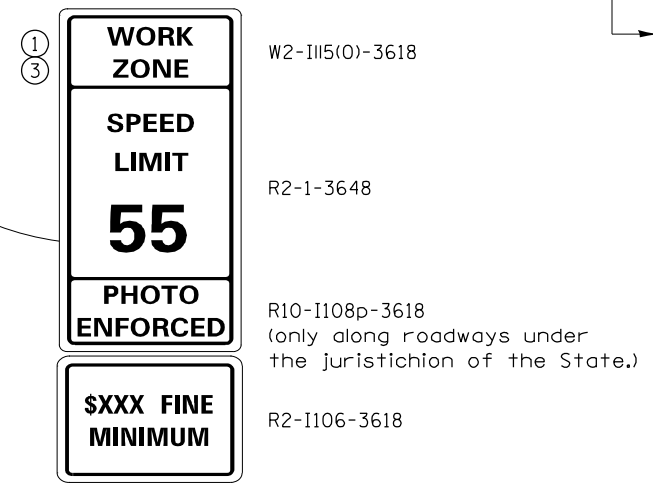
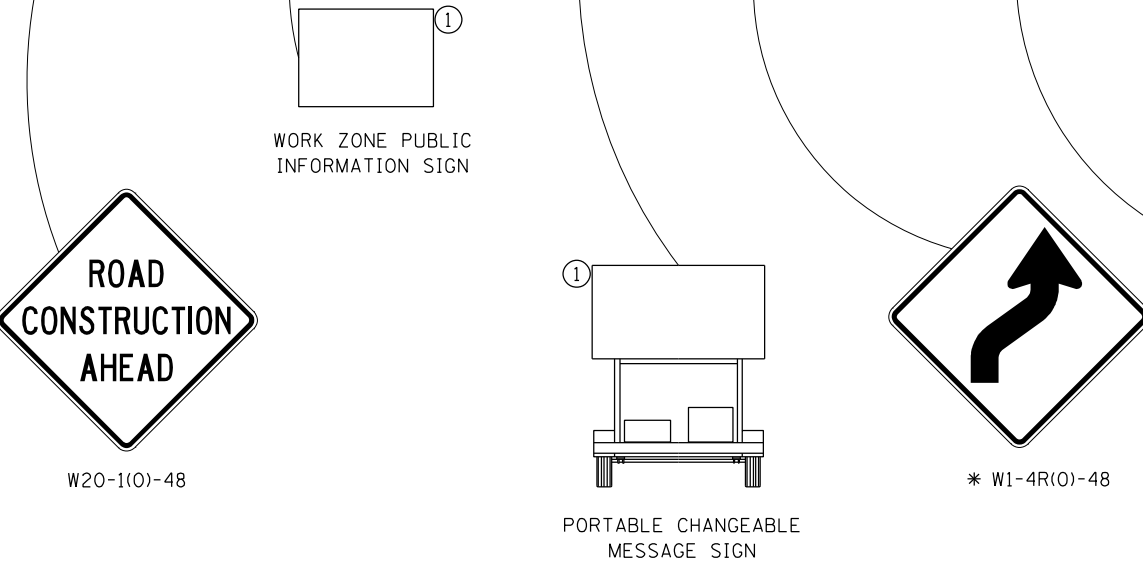
TRAFFIC CONTROL FOR TRANSITION AREAS

CASE 1

SIGNS, DEVICES & FLAGGERS
ACCORDING TO APPLICABLE
TRAFFIC CONTROL STANDARDS

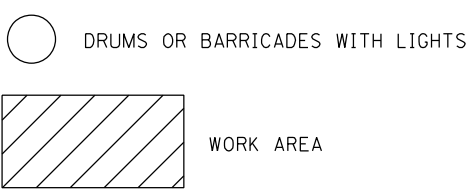


SIGNS, DEVICES & FLAGGERS
ACCORDING TO APPLICABLE
TRAFFIC CONTROL STANDARDS



- GENERAL NOTES**
- THIS DETAIL IS TO BE USED IN CONJUNCTION WITH THE APPLICABLE MULTILANE TRAFFIC CONTROL AND PROTECTION STANDARD.
1. If applicable. Use if shown on applicable multilane Traffic Control and Protection Standard being used.
 2. If the work is within 2500 feet of the transition when the speed is > 40 mph, or 1500 feet for all other speeds, the detail shall be used.
 3. WORK ZONE SPEED LIMIT 55 SIGN ASSEMBLY shall be replaced with WORK ZONE SPEED LIMIT 45 SIGN ASSEMBLY where the workers are within 500 feet of the transition.

THIS TRAFFIC CONTROL DETAIL SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.



NOTE: STANDARDS 701301 AND 701306 SHALL NOT BE USED WITHIN 500 FEET OF THE TRANSITION.

* DEPENDS ON GEOMETRICS OF THE TRANSITION. MAY SWITCH THE "STAY IN YOUR LANE" AND "WEAVE SIGNS"

FILE NAME =	USER NAME = David.Doss	DESIGNED -	REVISED - 4-20-17
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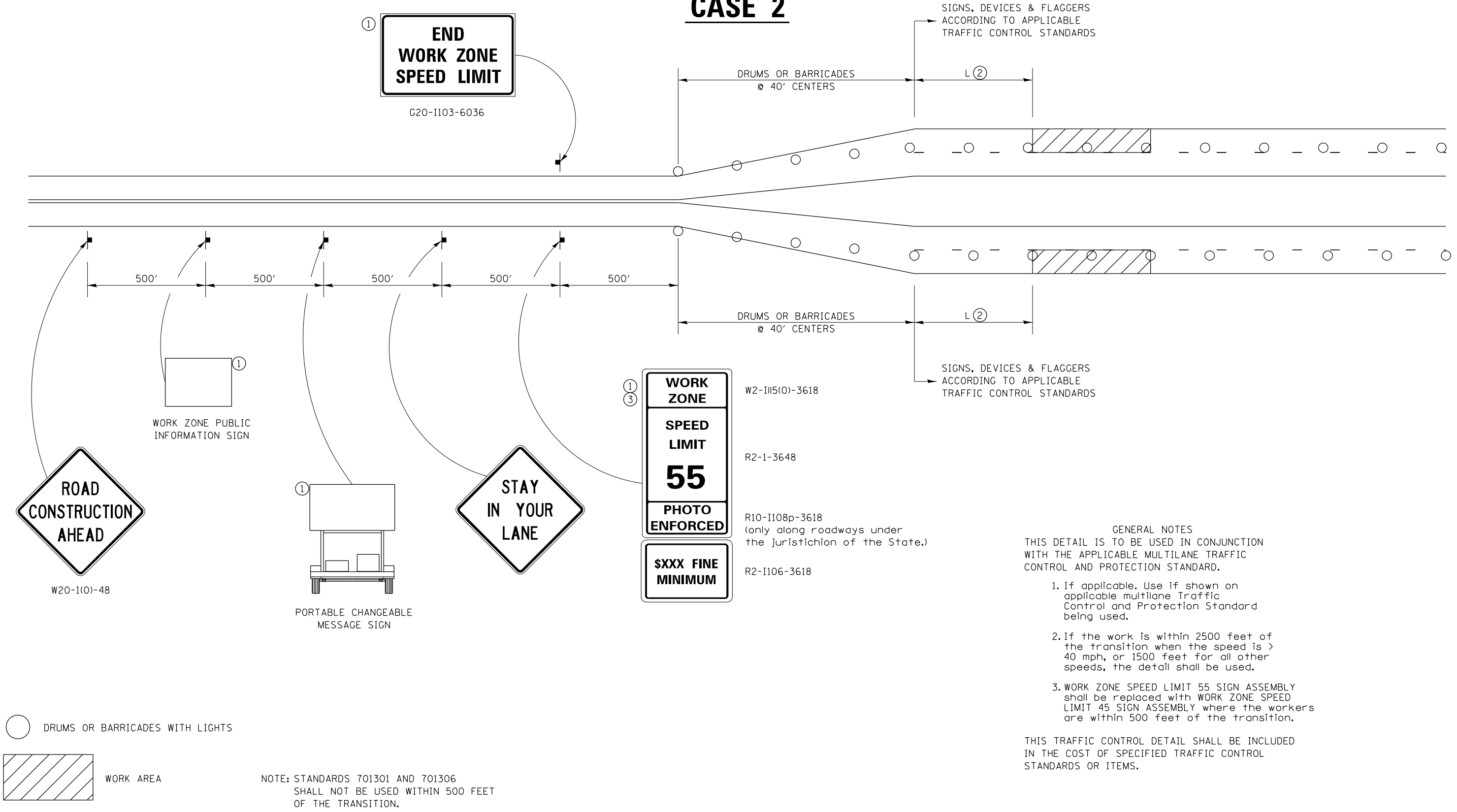
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD	
SCALE: _____	SHEET NO. ___ OF ___ SHEETS
STA. _____ TO STA. _____	

F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D2 BDS 2024-02	ROCK ISLAND	10	7
CONTRACT NO. 64553			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	

TRAFFIC CONTROL FOR TRANSITION AREAS

CASE 2



GENERAL NOTES
 THIS DETAIL IS TO BE USED IN CONJUNCTION WITH THE APPLICABLE MULTILANE TRAFFIC CONTROL AND PROTECTION STANDARD.

1. If applicable. Use if shown on applicable multilane Traffic Control and Protection Standard being used.
2. If the work is within 2500 feet of the transition when the speed is > 40 mph, or 1500 feet for all other speeds, the detail shall be used.
3. WORK ZONE SPEED LIMIT 55 SIGN ASSEMBLY shall be replaced with WORK ZONE SPEED LIMIT 45 SIGN ASSEMBLY where the workers are within 500 feet of the transition.

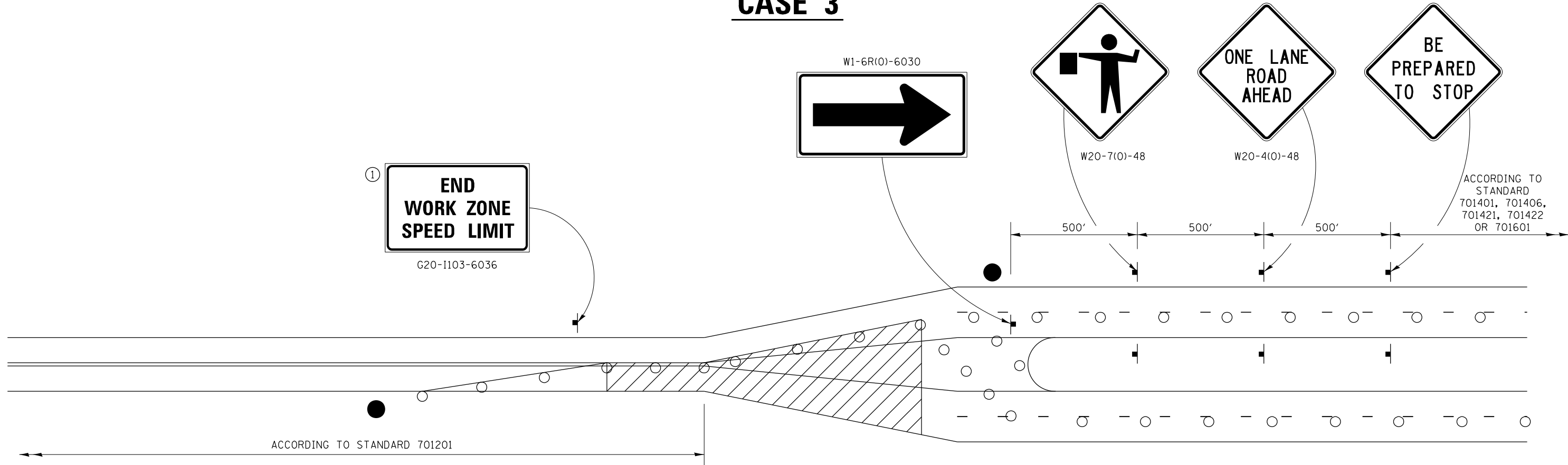
THIS TRAFFIC CONTROL DETAIL SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

NOTE: STANDARDS 701301 AND 701306 SHALL NOT BE USED WITHIN 500 FEET OF THE TRANSITION.

FILE NAME =	USER NAME = David.Doss	DESIGNED -	REVISED - 4-20-17	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD	F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 40.0000' / in.	DATE -	REVISED - 1-16-13	CONTRACT NO.			64553				
PLOT DATE = Aug-14-2023 09:31:00 AM	DATE -	REVISED -	FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT				

TRAFFIC CONTROL FOR TRANSITION AREAS

CASE 3



GENERAL NOTES
 THIS DETAIL IS TO BE USED IN CONJUNCTION WITH THE APPLICABLE MULTILANE TRAFFIC CONTROL AND PROTECTION STANDARD.

1. If applicable, Use if shown on applicable multilane Traffic Control and Protection Standard being used.
2. If the work is within 2500 feet of the transition when the speed is > 40 mph, or 1500 feet for all other speeds, the detail shall be used.
3. WORK ZONE SPEED LIMIT 55 SIGN ASSEMBLY shall be replaced with WORK ZONE SPEED LIMIT 45 SIGN ASSEMBLY where the workers are within 500 feet of the transition.

THIS TRAFFIC CONTROL DETAIL SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

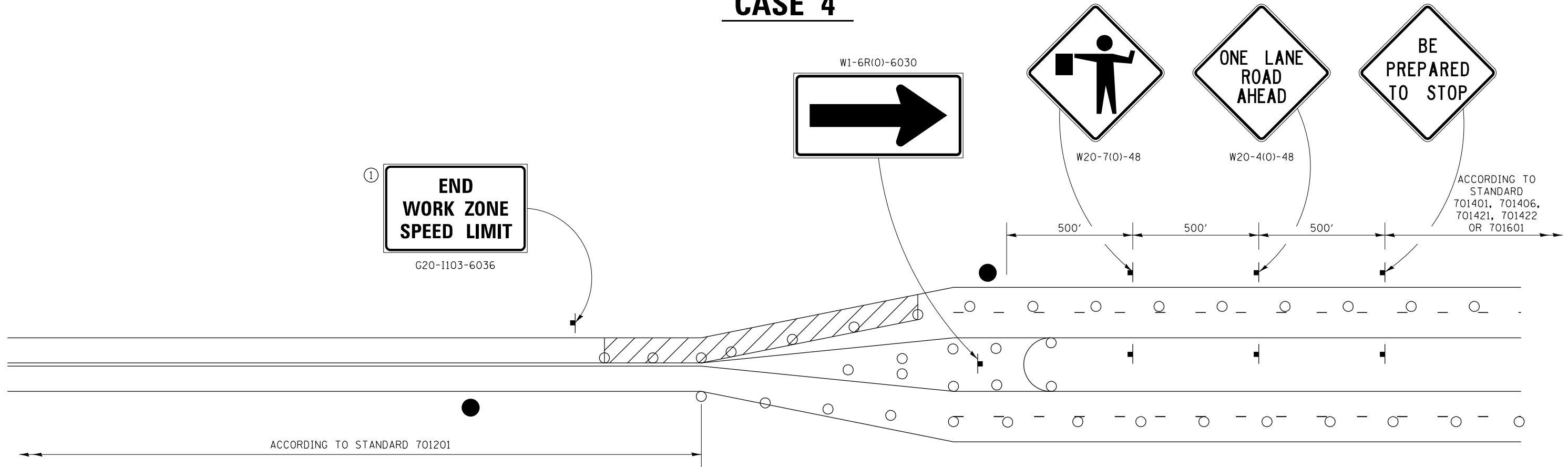
- FLAGGER WITH TRAFFIC CONTROL SIGN
- DRUMS OR BARRICADES WITH LIGHTS
- WORK AREA

NOTE: STANDARDS 701301 AND 701306 SHALL NOT BE USED WITHIN 500 FEET OF THE TRANSITION.

FILE NAME =	USER NAME = David.Doss	DESIGNED -	REVISED - 4-20-17	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD	F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
DRAWN Section\Bridge Deck Sealing Cont						CONTRACT NO. 64553	VAR.	D2 BDS 2024-02	ROCK ISLAND	10	9
PLOT SCALE = 40.0000' / in.						CONTRACT NO. 64553	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
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TRAFFIC CONTROL FOR TRANSITION AREAS

CASE 4



GENERAL NOTES
THIS DETAIL IS TO BE USED IN CONJUNCTION WITH THE APPLICABLE MULTILANE TRAFFIC CONTROL AND PROTECTION STANDARD.

1. If applicable, Use if shown on applicable multilane Traffic Control and Protection Standard being used.
2. If the work is within 2500 feet of the transition when the speed is > 40 mph, or 1500 feet for all other speeds, the detail shall be used.
3. WORK ZONE SPEED LIMIT 55 SIGN ASSEMBLY shall be replaced with WORK ZONE SPEED LIMIT 45 SIGN ASSEMBLY where the workers are within 500 feet of the transition.

THIS TRAFFIC CONTROL DETAIL SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

- FLAGGER WITH TRAFFIC CONTROL SIGN
- DRUMS OR BARRICADES WITH LIGHTS
- WORK AREA

NOTE: STANDARDS 701301 AND 701306 SHALL NOT BE USED WITHIN 500 FEET OF THE TRANSITION.

FILE NAME =	USER NAME = David.Doss	DESIGNED -	REVISED - 4-20-17	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
DRAWN Section\Bridge Deck Sealing Cont						REVISION	VAR.	D2 BDS 2024-02	ROCK ISLAND	10	10
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