

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 55 FAP 742	(37BR-2) & (102B-1R-1)	WINNEBAGO, OGLE	30*	1
		ILLINOIS	CONTRACT NO. 64S66	

* 30 + 1 = 31 TOTAL SHEETS

FOR INDEX OF SHEETS, SEE SHEET NO. 2

HOWARD J. HAMILTON, P.E. DATE
LICENSE EXPIRES 11/30/2023
SHEET RANGE 1 - 10

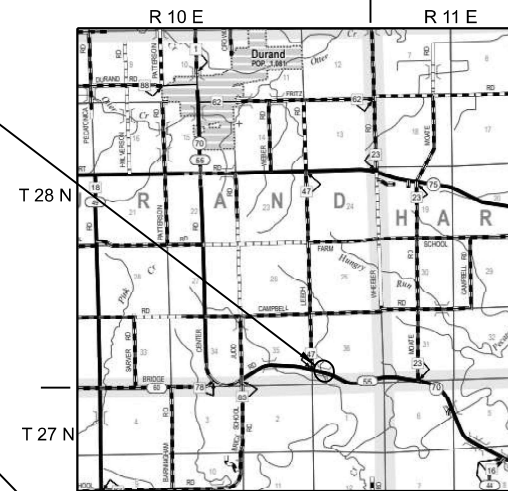
SCOTT T. WYATT, S.E. DATE
LICENSE EXPIRES 11/30/2024
SHEET RANGE 11 - 20

PROPOSED HIGHWAY PLANS

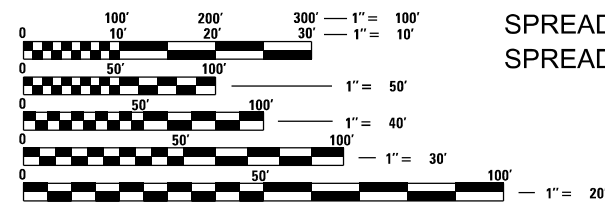
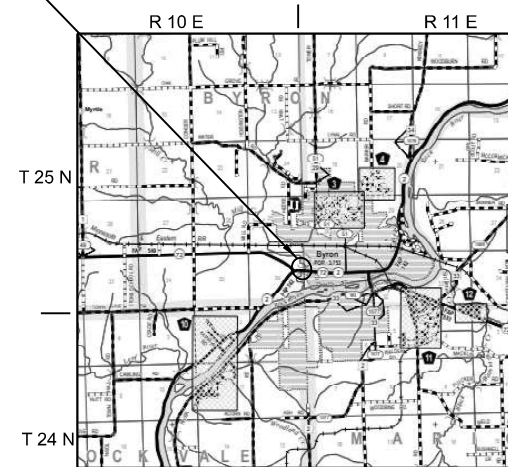
FAP 742(IL 2) and FAS 55 (IL 70)
SECTION (37BR-2)&(102B-1R-1)
BRIDGE REPAIRS
WINNEBAGO & OGLE COUNTY

C-92-133-23

PROJECT LOCATION 1:
SN 101-0087 IL 70
58' LONG SINGLE SPAN WITH CONCRETE
BEAMS AND CLOSED SPREAD FOOTING
ABUTMENTS OVER A DRAINAGE DITCH



PROJECT LOCATION 2:
SN 071-0022 IL 2 / IL 72
114' LONG 3-SPAN MULTI-BEAM GIRDER WITH
SPREAD FOOTING PIERS AND CLOSED
SPREAD FOOTING ABUTS OVER MILL CREEK



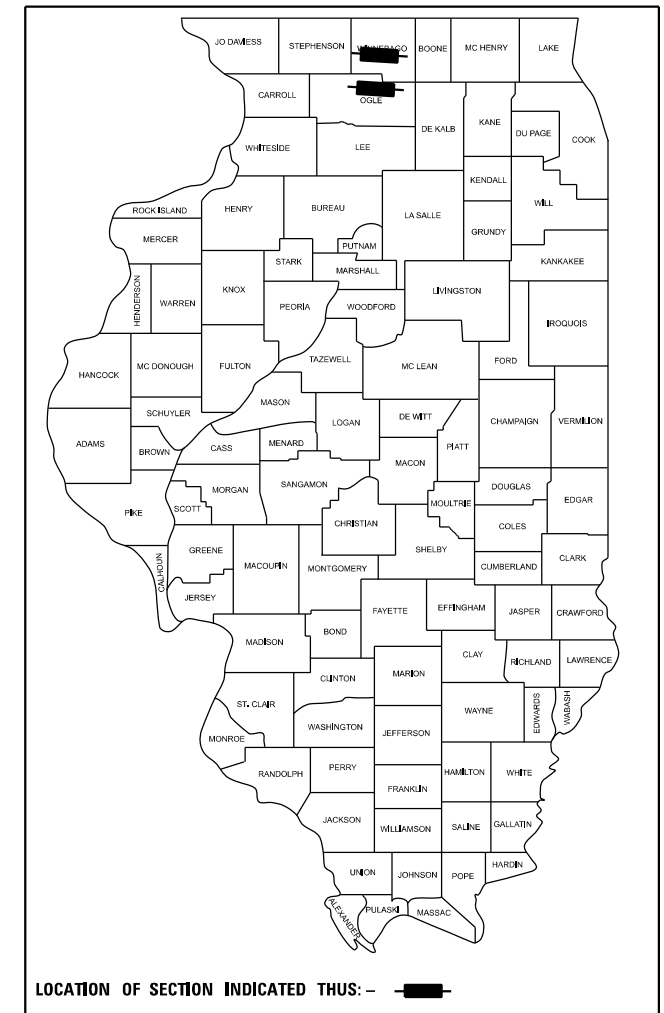
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD
ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT
CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS
ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: HOWARD HAMILTON
PROJECT MANAGER: MAHMOUD ETEMADI

CONTRACT NO. 64S66

GROSS LENGTH = 172 FT. = 0.033 MILE
NET LENGTH = 172 FT. = 0.033 MILE



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED December 11, 20 23
Thomas Howard
REGIONAL ENGINEER

February 2, 2024
Scott A. Etkin
ENGINEER OF DESIGN AND ENVIRONMENT

February 2, 2024
Stephen M. ...
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

SHEET INDEX

1. COVER
2. GENERAL NOTES/ CONSTRUCTION SEQUENCE
- 3-4. SUMMARY OF QUANTITIES
5. SN 101-0087 MAINTENANCE OF TRAFFIC STAGING TYPICAL SECTION
6. SN 101-0087 MAINTENANCE OF TRAFFIC PLAN STAGE 1
7. SN 101-0087 MAINTENANCE OF TRAFFIC PLAN STAGE 2
8. SN 071-0022 MAINTENANCE OF TRAFFIC STAGING TYPICAL SECTION
9. SN 071-0022 MAINTENANCE OF TRAFFIC PLAN STAGE 1
10. SN 071-0022 MAINTENANCE OF TRAFFIC PLAN STAGE 2
11. SN 071-0022 PLAN AND ELEVATION
12. DECK REPAIRS
13. SN 071-0022 APPROACH SLAB REMOVAL
14. SN 071-0022 APPROACH SLAB DETAILS
15. SN 071-0022 APPROACH AND BARRIER DETAILS
16. SN 101-0087 PLAN AND ELEVATION
17. SN 101-0087 DECK REPAIRS
18. SN 101-0087 JOINT REMOVAL AND REPLACEMENT
19. SN 101-0087 APPROACH SLAB REPAIR
20. SN 101-0087 BARRIER SECTIONS
21. BAR SPLICERS
- 21A. JOINT DETAILS
- 22-25. DISTRICT 2 STANDARD 34.1
- 26-29. DISTRICT 2 STANDARD 41.1
30. DISTRICT 2 STANDARD 55.1

STATE HIGHWAY STANDARDS

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS > 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS-DAY ONLY
701321-18	LANE CLOSURE, 2L, 2W, BRIDGE REPAIR WITH BARRIER
701901-09	TRAFFIC CONTROL DEVICES
704001-08	TEMPORARY CONCRETE BARRIER
780001-05	TYPICAL 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 TRAFFIC CONTROL SUPERVISOR FOR APPROVAL.
2. THE ENGINEER SHALL BE INFORMED 48 HOURS IN ADVANCE OF ANY PROPOSED CHANGE TO THE MOT PLANS.
3. 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.
4. AS AN ADDITIONAL SOURCE OF INFORMATION, IF NEEDED, ORIGINAL RECONSTRUCTION SECTION NUMBER FOR STRUCTURE NUMBER 101-0087 IS 102B-1R-1, AND FOR STRUCTURE NUMBER 071-0022 IS 37BR-2. STATIONING AND ALIGNMENT WAS OBTAINED FROM ILLINOIS DEPARTMENT OF TRANSPORTATION SURVEY COMPLETED AFTER THE ORIGINAL RECONSTRUCTION SECTIONS.
5. THE CONTRACTOR SHALL CONTACT THE IDOT DISTRICT 2 ENGINEER AT (815)284-2271 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

MAINTENANCE OF TRAFFIC SEQUENCING

STAGE 1

INSTALL ALL STAGE 1 CONSTRUCTION TRAFFIC CONTROL SIGNALS, SIGNS, DRUMS, BARRICADES, TEMPORARY CONCRETE BARRIER, TEMPORARY IMPACT ATTENUATORS, AND TEMPORARY PAVEMENT MARKINGS AS DETAILED IN STAGE 1 PLANS AND APPROPRIATE STANDARD DRAWINGS. LOCATIONS FOR ADVANCE WARNING SIGNS, TEMPORARY BRIDGE SIGNALS, AND STOP LINES DO NOT CHANGE FROM STAGE 1 TO STAGE 2 UNLESS DIRECTED OTHERWISE BY THE ENGINEER.

LOCATION 1: MERGE ALL TRAFFIC IN BOTH DIRECTIONS TO THE EXISTING WESTBOUND LANE AND SHOULDER OF SN 101-0087 CROSSING A DRAINAGE DITCH.

LOCATION 2: MERGE ALL TRAFFIC IN BOTH DIRECTIONS TO THE EXISTING WESTBOUND LANE AND SHOULDER OF SN 071-0022 CROSSING MILL CREEK.

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

STAGE 2

CHANGE STAGE 1 CONSTRUCTION TRAFFIC CONTROL SIGNALS, SIGNS, DRUMS, BARRICADES, TEMPORARY CONCRETE BARRIER, TEMPORARY IMPACT ATTENUATORS, AND TEMPORARY PAVEMENT MARKINGS AS NEEDED TO REFLECT STAGE 2 PLANS AND APPROPRIATE STANDARD DRAWINGS.

LOCATION 1: MERGE ALL TRAFFIC IN BOTH DIRECTIONS TO THE EXISTING EASTBOUND LANE AND SHOULDER OF SN 101-0087 CROSSING A DRAINAGE DITCH.

LOCATION 2: MERGE ALL TRAFFIC IN BOTH DIRECTIONS TO THE EXISTING EASTBOUND LANE AND SHOULDER OF SN 071-0022 CROSSING MILL CREEK.

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

REMOVE ALL CONSTRUCTION TRAFFIC CONTROL AND TEMPORARY CONSTRUCTION ITEMS.

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

INSTALL PERMANENT PAVEMENT MARKINGS TO THE LIMITS SHOWN IN THE PLANS.

SCHEDULE OF TEMPORARY CONCRETE BARRIER AND REFLECTORS

LOCATION	STATION		TEMPORARY CONC BARRIER		REFLECTOR, TY C			REFL, TY C (SPEC)
	BEGIN	END	SET	RELOC	BRIDGE PARAPET & GUARDRAIL		POST-STAGE	
			STAGE 1	STAGE 2	STAGE 1	STAGE 2		
			FOOT	FOOT	EACH	EACH	EACH	
LOCATION 1: SN 101-0087	346+32	349+48	316	316				
LOCATION 2: SN 071-0022	1067+31	1071+23	392	392				
LOCATION 1: SN 101-0087								
NORTHWEST GUARDRAIL (25' c-c)	346+00	347+40			6		6	
NORTHEAST GUARDRAIL (25' c-c)	348+00	349+30			6		6	
SOUTHWEST GUARDRAIL (25' c-c)	346+00	347+70				7	7	
SOUTHEAST GUARDRAIL (25' c-c)	348+30	349+30				4	4	
N BRIDGE PARAPET (SEE NOTE)	347+40	348+00			6		3	
S BRIDGE PARAPET (SEE NOTE)	347+70	348+30				6	3	
LOCATION 2: SN 071-0022								
NORTHWEST GUARDRAIL (25' c-c)	1067+50	1068+50			4		4	
NORTHEAST GUARDRAIL (25' c-c)	1069+80	1071+00			5		5	
SOUTHWEST GUARDRAIL (25' c-c)	1067+50	1068+50				4	4	
SOUTHEAST GUARDRAIL (25' c-c)	1069+80	1071+00				5	5	
N BRIDGE PARAPET (SEE NOTE)	1068+50	1069+80			12		6	
S BRIDGE PARAPET (SEE NOTE)	1068+50	1069+80				12	6	
TOTAL			708	708	77		59	

NOTE: REFLECTOR, TYPE C: 2 @ 25' c-c. REFLECTOR, TY C (SPECIAL): 1 @ 25' c-c

SCHEDULE OF PAVEMENT MARKING AND REMOVAL

ITEM	LOCATION	STATION		OFFSET		PAVEMENT MARKING				MARKING REMOVAL	
		BEGIN	END	MIN	MAX	PERMANENT		TEMPORARY		PERMANENT SQ.FT	TEMPORARY SQ.FT
						FOOT (4")	FOOT (12")	FOOT (4")	FOOT (24")		
LOCATION 1 SN 101-0087 STAGE 1											
REMOVE MARK-WATER BLAST	WHITE NORTH EDGELINE	346+34	349+46	12' LT	12' LT					104	
REMOVE MARK-WATER BLAST	DBL YELLOW CENTERLINE	344+80	347+40	0' RT	0' RT					173	
REMOVE MARK-WATER BLAST	DBL YELLOW CENTERLINE	348+35	351+15	0' RT	0' RT					187	
4" WHITE TEMP TAPE	NORTH EDGELINE	346+34	349+46	12' LT	15' LT			312			
4" WHITE TEMP TAPE	SOUTH EDGELINE	344+80	350+46	0' LT	12' RT				566		
4" WHITE TEMP TAPE	E & W STOP LINE	344+74 & 351+15								24	
LOCATION 1 SN 101-0087 STAGE 2											
REMOVE MARK-WATER BLAST	WHITE SOUTH EDGELINE	346+34	349+46	12' RT	12' RT					104	
TEMP MARKING REMOVAL	N EDGELINE STAGE 1	346+34	347+40	12' LT	15' LT						35
TEMP MARKING REMOVAL	N EDGELINE STAGE 1	348+35	349+46	12' LT	15' LT						37
TEMP MARKING REMOVAL	S EDGELINE STAGE 1	344+80	347+40	3' LT	12' RT						87
TEMP MARKING REMOVAL	S EDGELINE STAGE 1	348+35	350+46	3' LT	12' RT						70
4" WHITE TEMP TAPE	NORTH EDGELINE	344+80	350+90	0' RT	12' LT			610			
4" WHITE TEMP TAPE	SOUTH EDGELINE	346+34	349+46	12' RT	15' RT				312		
LOCATION 1 SN 101-0087 POST STAGE											
TEMP MARKING REMOVAL	N EDGELINE STAGE 2	344+80	350+90	0' RT	12' LT						203
TEMP MARKING REMOVAL	S EDGELINE STAGE 2	346+34	349+46	12' RT	15' RT						104
TEMP MARKING REMOVAL	E & W STOP LINE	344+70 & 351+15		26' Rt	35' Rt						48
4" PERMANENT WHITE SOLID	N & S EDGE LINE	346+34	349+46	12' LT & RT	12' LT & RT			624			
4" PERMANENT DBL YELLOW	CENTERLINE	344+74	351+15	0' RT	0' RT					1282	
LOCATION 1 SN 101-0087 TOTAL						1,906		1,800	24	568	585
LOCATION 2 SN 071-0022 STAGE 1											
REMOVE MARK-WATER BLAST	WHITE NORTH EDGELINE	1067+55	1071+05	12' LT	16' LT					117	
REMOVE MARK-WATER BLAST	DBL YELLOW ISLAND	1065+55	1068+10	0' RT	4' LT					340	
REMOVE MARK-WATER BLAST	DBL YELLOW ISLAND	1070+50	1073+00	0' LT	2' RT					333	
REMOVE MARK-WATER BLAST	ISLAND DIA. 3 - 5' AVG x 12"	1065+55	1068+10	0' RT	4' LT					12	
REMOVE MARK-WATER BLAST	ISLAND DIA. 3 - 2' AVG x 12"	1070+50	1073+00	0' RT	2' LT					12	
4" WHITE TEMP TAPE	NORTH EDGELINE	1067+55	1071+05	12' LT	16' LT			350			
4" WHITE TEMP TAPE	SOUTH EDGELINE	1065+55	1072+56	0' LT	15' RT				701		
DBL 4" YELLOW TEMP TAPE	CENTER ISLAND	1065+55	1067+13	0' RT	4' LT					316	
DBL 4" YELLOW TEMP TAPE	CENTER ISLAND	1065+55	1067+13	4' LT	8' LT					316	
DBL 4" YELLOW TEMP TAPE	CENTER ISLAND NOSE	1073+23		0' LT	2' RT					30	
12" x 24" WHITE TEMP TAPE	E & W STOP LINE	1065+50 & 1073+33								24	
LOCATION 2 SN 071-0022 STAGE 2											
REMOVE MARK-WATER BLAST	WHITE SOUTH EDGELINE	1067+45	1070+60	12' RT	16' RT					105	
TEMP MARKING REMOVAL	S EDGELINE STAGE 1	1065+50	1068+50	0' LT	14' RT						100
TEMP MARKING REMOVAL	S EDGELINE STAGE 1	1069+70	1072+56	0' LT	15' RT						95
TEMP MARKING REMOVAL	CTR ISLAND STAGE 1	1065+55	1067+13	0' RT	4' LT						105
TEMP MARKING REMOVAL	CTR ISLAND STAGE 1	1065+55	1067+13	4' LT	8' LT						105
TEMP MARKING REMOVAL	CTR ISLAND NOSE STAGE 1	1073+23		0' LT	2' RT						10
4" WHITE TEMP TAPE	NORTH EDGELINE	1064+73	1073+23	0' RT	30' LT			850			
4" WHITE TEMP TAPE	SOUTH EDGELINE	1067+23	1073+23	12' RT	16' RT				600		
DBL 4" YELLOW TEMP TAPE	CENTER ISLAND	1065+55	1066+58	2' RT	2' RT					206	
DBL 4" YELLOW TEMP TAPE	CENTER ISLAND	1065+55	1066+58	0' LT	8' RT					206	
DBL 4" YELLOW TEMP TAPE	CENTER ISLAND	1072+28	1073+23	2' RT	2' RT					190	
DBL 4" YELLOW TEMP TAPE	CENTER ISLAND	1072+28	1073+23	0' RT	4' LT					190	
LOCATION 2 SN 071-0022 POST STAGE											
TEMP MARKING REMOVAL	N EDGELINE STAGE 1	1067+55	1068+50	16' LT	16' LT						32
TEMP MARKING REMOVAL	N EDGELINE STAGE 1	1069+70	1071+05	12' LT	16' LT						45
TEMP MARKING REMOVAL	N EDGELINE STAGE 2	1064+73	1073+23	0' RT	30' LT						283
TEMP MARKING REMOVAL	S EDGELINE STAGE 2	1067+23	1073+23	12' RT	16' RT						200
TEMP MARKING REMOVAL	CTR ISLAND STAGE 2	1065+55	1066+58	2' RT	2' RT						69
TEMP MARKING REMOVAL	CTR ISLAND STAGE 2	1065+55	1066+58	0' LT	8' RT						69
TEMP MARKING REMOVAL	CTR ISLAND STAGE 2	1072+28	1073+23	2' RT	2' RT						63
TEMP MARKING REMOVAL	CTR ISLAND STAGE 2	1072+28	1073+23	0' RT	4' LT						63
TEMP MARKING REMOVAL	E & W STOP LINE	1065+50 & 1073+33									48
4" PERMANENT WHITE SOLID	N & S EDGE LINE	1067+23	1073+23	12' LT & RT	14' LT & RT			1200			
4" PERMANENT DBL YELLOW	ISLAND BURDER	1065+55	1073+23	0' RT	4' LT					3072	
12" PERMANENT YELLOW SOLID	ISLAND DIA. 3 - 5' AVG x 12"	1065+55	1068+10	0' RT	4' LT					15	
12" PERMANENT YELLOW SOLID	ISLAND DIA. 3 - 2' AVG x 12"	1070+50	1072+65	0' RT	2' LT					6	
LOCATION 2 SN 071-0022 TOTAL						4,272	21	3,955	24	919	1,288
PROJECT TOTAL						6,178	21	5,755	48	1,487	1,873

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 PLOT DATE = 1/16/2024

DESIGNED -
 DRAWN - DWS
 CHECKED -
 DATE -

REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

LOC 1: IL 70 AT SN 101-0087 AND LOC 2: IL 2 /72 AT SN 071-0022
GENERAL NOTES / CONSTRUCTION SEQUENCE

SCALE: N/A SHEET 2 OF 30 SHEETS STA. TO STA.

F.A. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.
 FAS 55 (37BR-2) & (102B-1R-1) WINEBAGO, OGLE 30 2
 FAP 742 CONTRACT NO. 64S66
 ILLINOIS FED. AID PROJECT

SUMMARY OF QUANTITIES

CONSTRUCTION CODE 0013

100% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	BRIDGE		ROADWAY
				LOCATION 1	LOCATION 2	RURAL
				SN 101-0087	SN 071-0022	
50102400	CONCRETE REMOVAL	CU YD	63	16	47	
50300225	CONCRETE STRUCTURES	CU YD	14		14	
50300255	CONCRETE SUPERSTRUCTURE	CU YD	15	11	4	
50301350	SUPERSTRUCTURE CONCRETE (APPROACH SLAB)	CU YD	44	4	40	
50300300	PROTECTIVE COAT	SQ YD	155	43	112	
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	16082	3498	12584	
50800515	BAR SPLICERS	EACH	126	26	100	
52000025	PREFORMED JOINT SEAL, 2"	FOOT	95	50	45	
67100100	MOBILIZATION	L SUM	1	0.5	0.5	
70100405	TRAFFIC CONTROL AND PROTECTION, STANDARD 701321	EACH	2	1	1	
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	0.5	0.5	
70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	2	1	1	
70106700	TEMPORARY RUMBLE STRIPS	EACH	6	3	3	
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	60	30	30	
70307120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	FOOT	5755	1800	3955	
70307210	TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE	FOOT	48	24	24	

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Environmental Design International Inc.
Civil, Survey, Environmental and Construction Inspection Services
23 W. MONROE STREET, SUITE 1825, CHICAGO, IL 60603
PH: (312) 343-1400 FAX: (312) 343-0259 www.edi-intl.com

USER NAME = scottw	DESIGNED -	REVISED -
PLOT SCALE = 1/32" = 1/8" / in.	DRAWN -	REVISED -
PLOT DATE = 12/6/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LOC 1: IL 70 AT SN 101-0087 AND LOC 2: IL 2 /72 AT SN 071-0022
SUMMARY OF QUANTITIES

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 55 FAP 742	(37BR-2) & (102B-1R-1)	WINNEBAGO, OGLE	30	3
			CONTRACT NO. 64S66	
		ILLINOIS	FED. AID PROJECT	

SCALE: N/A SHEET 3 OF 30 SHEETS STA. TO STA.

SUMMARY OF QUANTITIES

CONSTRUCTION CODE 0013

100% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	BRIDGE		ROADWAY
				LOCATION 1	LOCATION 2	RURAL
				SN 101-0087	SN 071-0022	
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	1873	585	1288	
70400100	TEMPORARY CONCRETE BARRIER	FOOT	708	316	392	
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	708	316	392	
70600250	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3	EACH	4	2	2	
70600350	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 3	EACH	4	2	2	
* 78009004	MODIFIED URETHANE PAVEMENT MARKING, TYPE D - LINE 4"	FOOT	6178	1906	4272	
* 78009012	MODIFIED URETHANE PAVEMENT MARKING, TYPE D - LINE 12"	FOOT	21		21	
* 78200011	BARRIER WALL REFLECTORS, TYPE C	EACH	36	12	24	
78300202	PAVEMENT MARKING REMOVAL-WATER BLASTING	SQ FT	1487	568	919	
* X7820007	GUARDRAIL REFLECTORS, TYPE C (SPECIAL)	EACH	77	35	42	
Z0016200	DECK SLAB REPAIR (PARTIAL)	SQ YD	36	20	16	

*= SPECIALTY ITEM

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 PLOT DATE: 12/18/2023

Environmental Design International Inc.
 Civil, Survey, Environmental and Construction Inspection Services
 33 W. MONROE STREET, SUITE 1825, CHICAGO, IL 60603
 PH: (312) 345-1400 FAX (312) 345-0529 www.ediintl.com

USER NAME = scottw
 PLOT SCALE = 2.0018" / in.
 PLOT DATE = 12/18/2023

DESIGNED -
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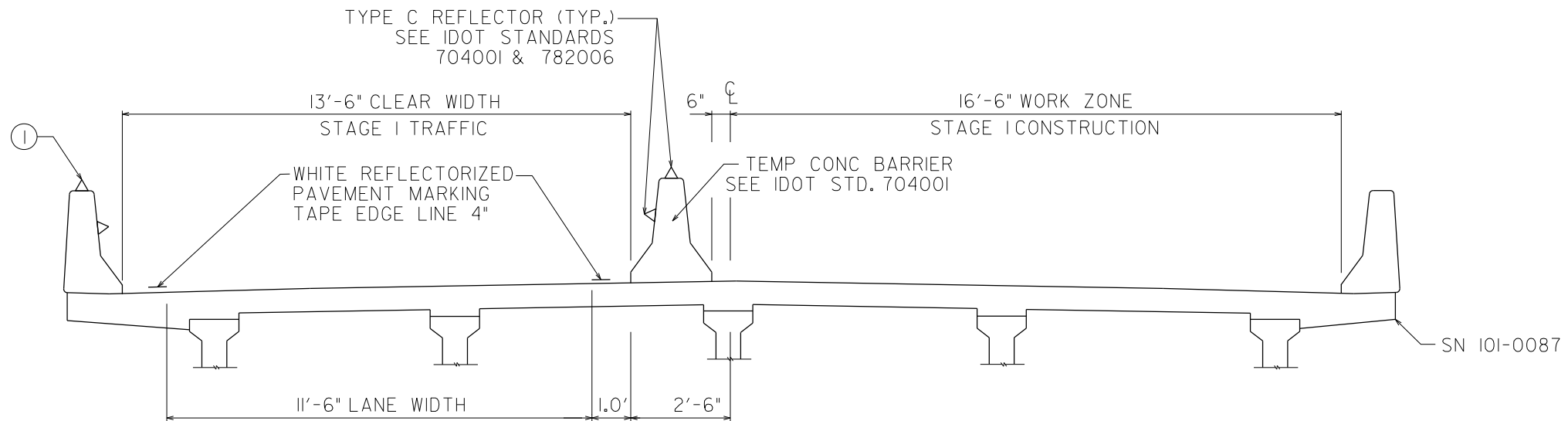
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOC 1: IL 70 AT SN 101-0087 AND LOC 2: IL 2 /72 AT SN 071-0022

SUMMARY OF QUANTITIES

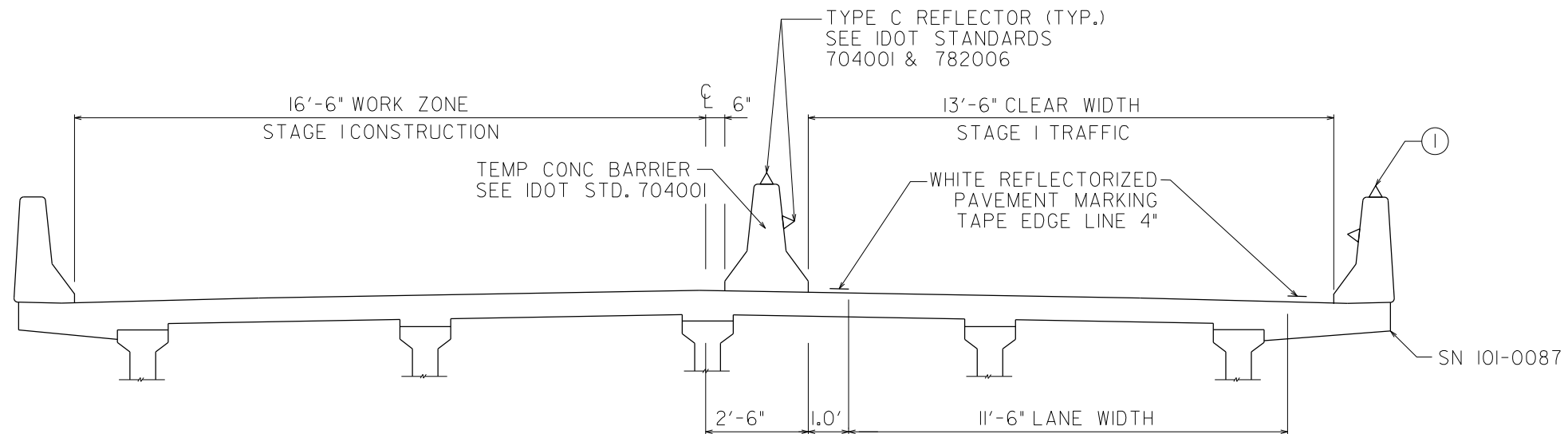
SCALE: N/A SHEET 4 OF 30 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 55 FAP 742	(37BR-2) & (102B-1R-1)	WINNEBAGO, OGLE	30	4
CONTRACT NO. 64S66				
ILLINOIS		FED. AID PROJECT		



STAGE 1

① REFLECTORS, (BI-DIRECTIONAL) SEE REFLECTOR SCHEDULE FOR TYPE.



STAGE 2

① REFLECTORS, (BI-DIRECTIONAL) SEE REFLECTOR SCHEDULE FOR TYPE.

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 Environmental Design International Inc.
 Civil, Survey, Environmental and Construction Inspection Services
 33 W. MONROE STREET, SUITE 1825, CHICAGO, IL 60603
 PH: (312) 345-1400 FAX (312) 345-9529 www.edienvi.com

EDI Excellence, Dedication, Innovation
 Environmental Design International Inc.
 Civil, Survey, Environmental and Construction Inspection Services
 33 W. MONROE STREET, SUITE 1825, CHICAGO, IL 60603
 PH: (312) 345-1400 FAX (312) 345-9529 www.edienvi.com

USER NAME = mbutling	DESIGNED -	REVISED -
	DRAWN - MGB	REVISED -
PLOT SCALE = 4,000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/6/2023	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**LOCATION 1: IL 70 CROSSING DRAINAGE DITCH
 SN 101-087 MAINTENANCE OF TRAFFIC STAGING TYPICAL SECTION**

SCALE: NTS SHEET 5 OF 30 SHEETS STA. TO STA.

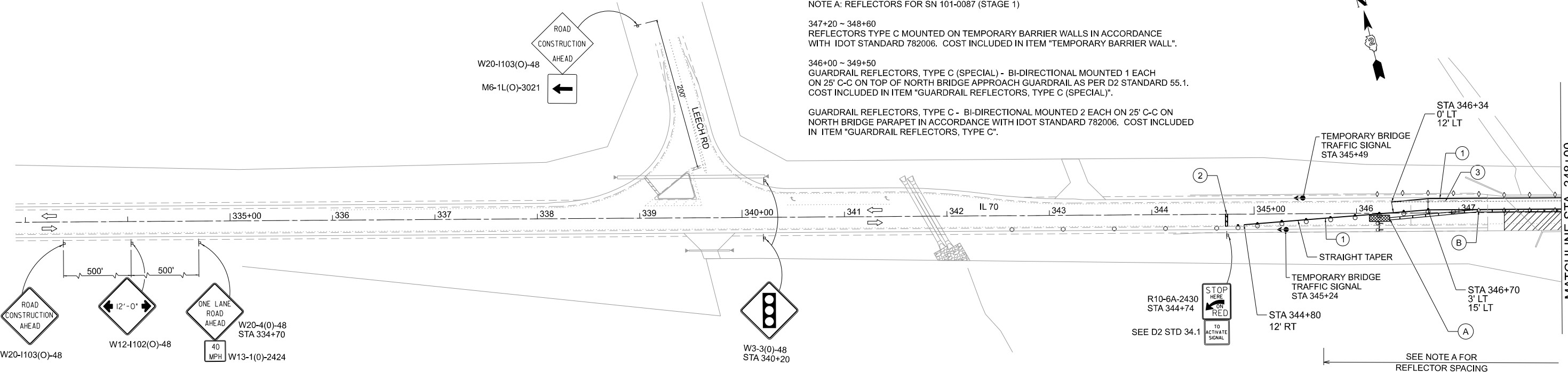
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(102B-1R-1)	WINNEBAGO	30	5
CONTRACT NO. 64S66				
ILLINOIS FED. AID PROJECT				

NOTE A: REFLECTORS FOR SN 101-0087 (STAGE 1)

347+20 ~ 348+60
REFLECTORS TYPE C MOUNTED ON TEMPORARY BARRIER WALLS IN ACCORDANCE WITH IDOT STANDARD 782006. COST INCLUDED IN ITEM "TEMPORARY BARRIER WALL".

346+00 ~ 349+50
GUARDRAIL REFLECTORS, TYPE C (SPECIAL) - BI-DIRECTIONAL MOUNTED 1 EACH ON 25' C-C ON TOP OF NORTH BRIDGE APPROACH GUARDRAIL AS PER D2 STANDARD 55.1. COST INCLUDED IN ITEM "GUARDRAIL REFLECTORS, TYPE C (SPECIAL)".

GUARDRAIL REFLECTORS, TYPE C - BI-DIRECTIONAL MOUNTED 2 EACH ON 25' C-C ON NORTH BRIDGE PARAPET IN ACCORDANCE WITH IDOT STANDARD 782006. COST INCLUDED IN ITEM "GUARDRAIL REFLECTORS, TYPE C".



TEMP. BARRIER WALL OFFSETS

(A)	STA 346+32	5.6' RIGHT
(B)	STA 347+21	1.6' LEFT
(C)	STA 348+59	1.6' LEFT
(D)	STA 349+48	5.6' RIGHT

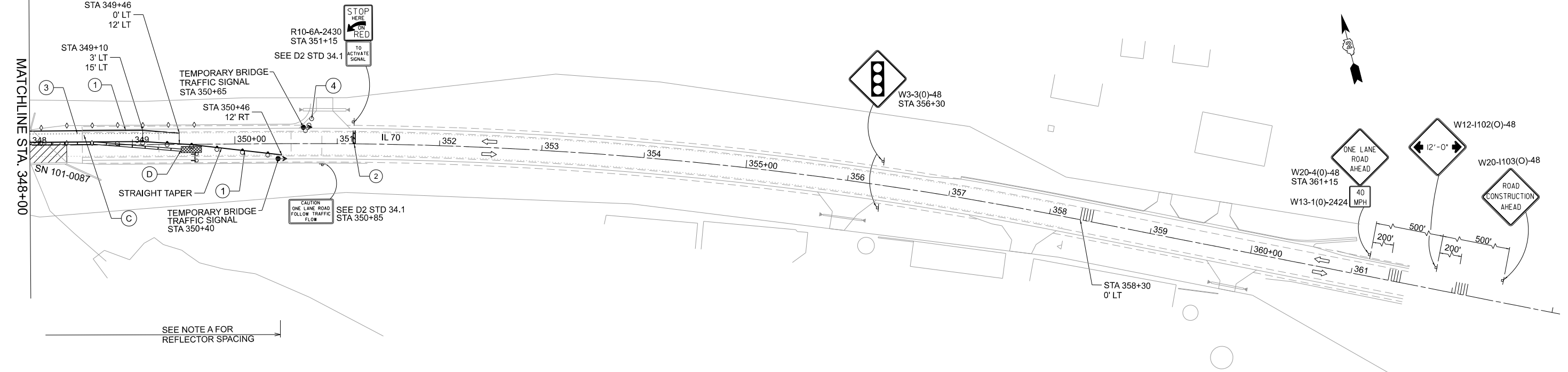
SYMBOLS

	WORK AREA.		TEMPORARY IMPACT ATTENUATOR, NON-REDIRECTIVE, TEST LEVEL 3.
	DRUM.		TEMP. CONCRETE BARRIER w/ TYPE C REFLECTORS.
	DRUM WITH STEADY BURN BI-DIRECTIONAL LIGHT.		TEMPORARY BRIDGE TRAFFIC SIGNAL.
	CRYSTAL, BIDIRECTIONAL GUARDRAIL/ BRIDGE PARAPET REFLECTOR, TYPE C (SPECIAL).		SIGN ON PORTABLE OR PERMANENT SUPPORT.
	RUMBLE STRIP.		TYPE III BARRICADE WITH FLASHING LIGHTS.

CALLOUT INDEX

- PAVEMENT MARKING TAPE, TYPE IV, 4" WHITE
- PAVEMENT MARKING TAPE, TYPE IV, 24" WHITE
- PAVEMENT MARKING REMOVAL-WATER BLASTING
- 3 BARRELS AT 4' CENTERS. COST INCLUDED IN ITEM "TRAFFIC CONTROL AND PROTECTION STD 701321"

NOTE: ALL BARRICADES, DRUMS, VERTICAL PANELS AND CONES SHALL BE OFFSET AND SPACED IN ACCORDANCE WITH IDOT STANDARD 701321.



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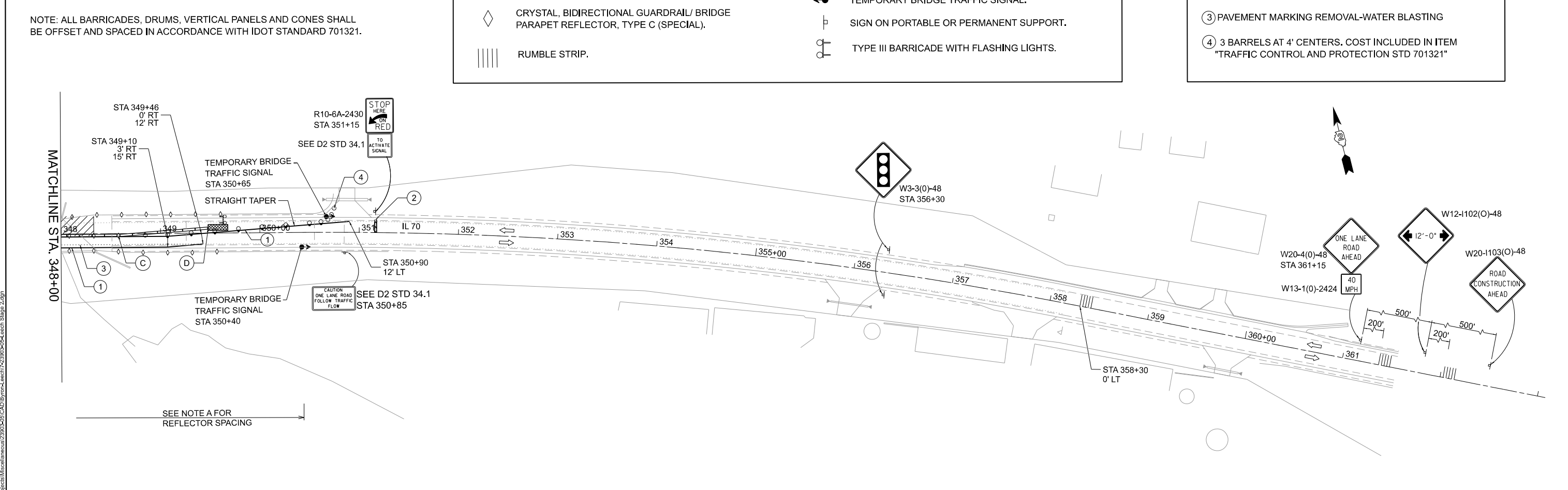
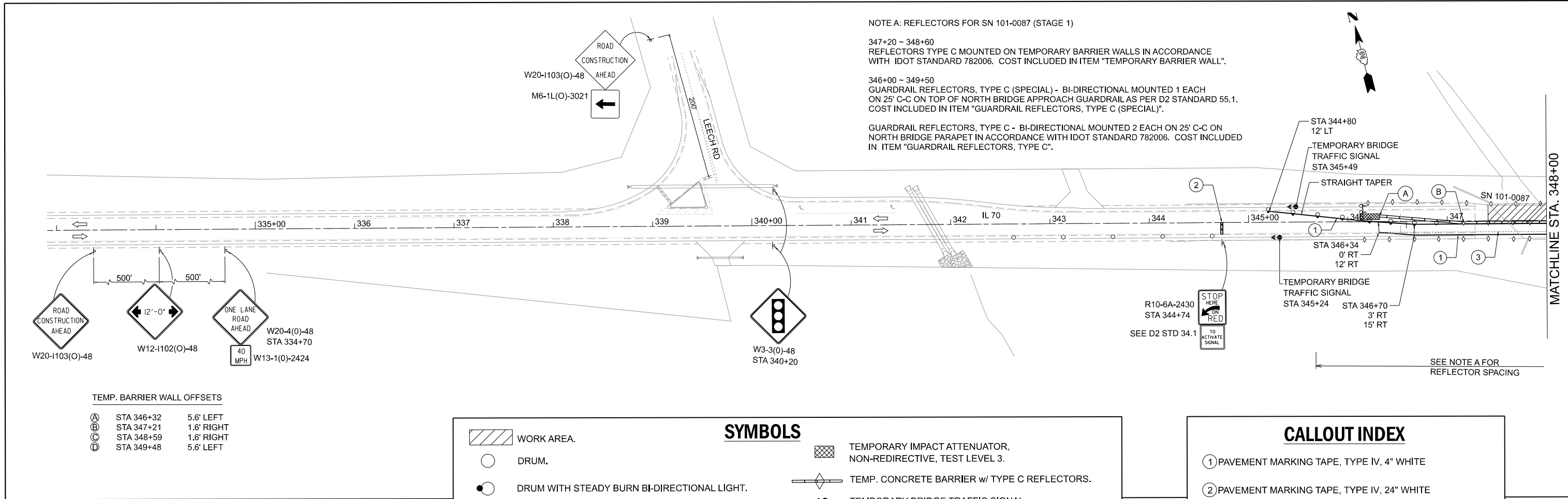
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PLOT DATE = 12/6/2023	CHECKED -	REVISED -
	DATE -	REVISED -

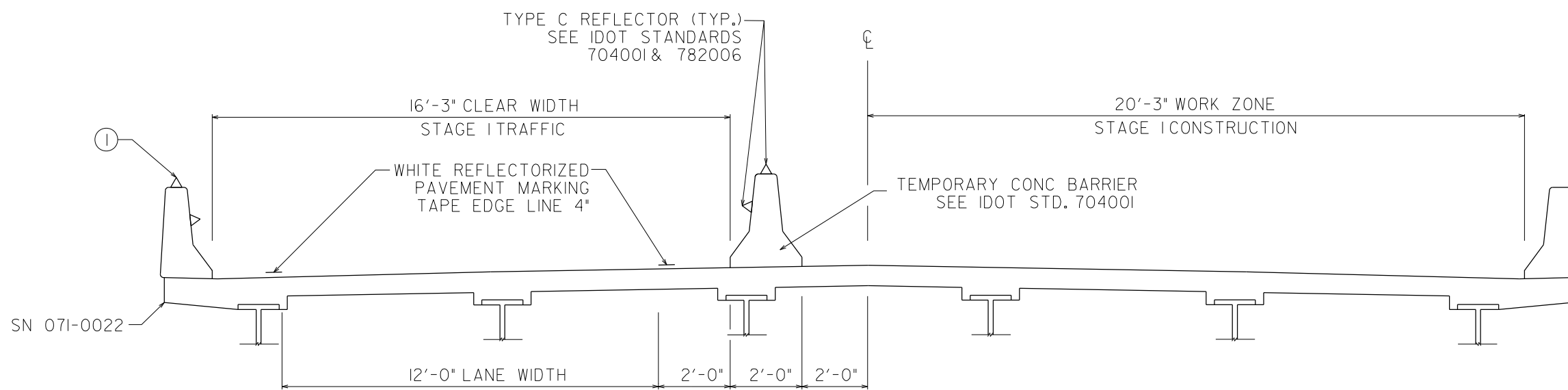
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LOCATION 1: IL 70 CROSSING DRAINAGE DITCH
SN 101-0087 MAINTENANCE OF TRAFFIC PLAN STAGE 1**

SCALE: 1"=50' SHEET 6 OF 30 SHEETS STA. 334+50 TO STA. 361+50

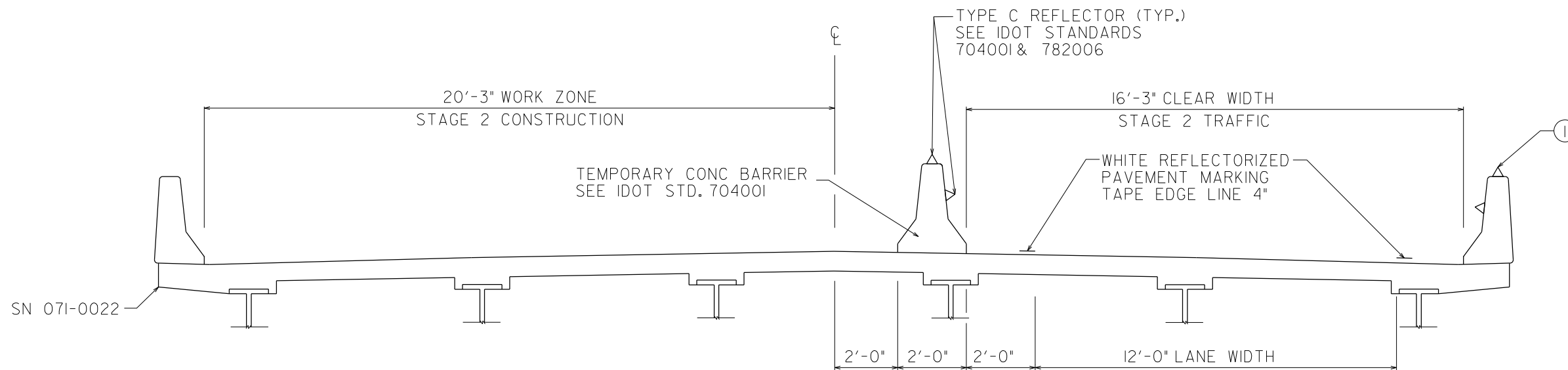
F.A.S. RTE. 55	SECTION (102B-1R-1)	COUNTY WINNEBAGO	TOTAL SHEETS 30	SHEET NO. 6
ILLINOIS FED. AID PROJECT			CONTRACT NO. 64S66	





STAGE 1

① REFLECTORS, (BI-DIRECTIONAL) SEE REFLECTOR SCHEDULE FOR TYPE.



STAGE 2

① REFLECTORS, (BI-DIRECTIONAL) SEE REFLECTOR SCHEDULE FOR TYPE.

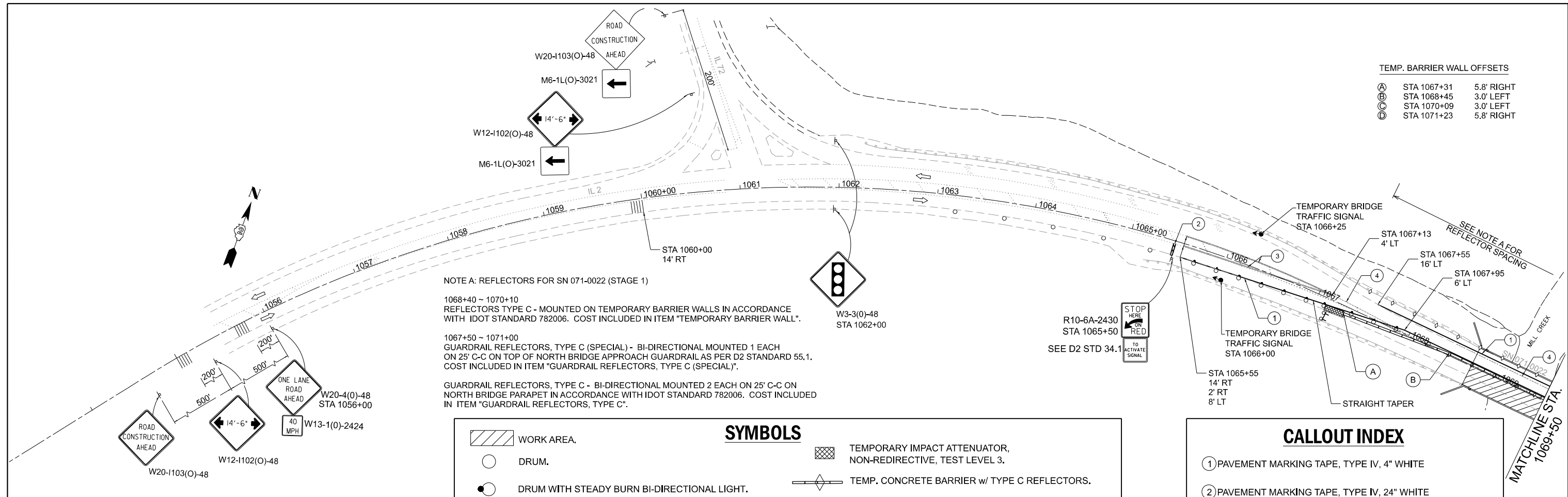
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PLOT SCALE = 4,000' / in.	DRAWN -	REVISED -
PLOT DATE = 12/6/2023	CHECKED -	REVISED -
	DATE -	REVISED -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	(37BR-2)	OGLE	30	8
CONTRACT NO. 64S66				
ILLINOIS FED. AID PROJECT				

TEMP. BARRIER WALL OFFSETS

(A)	STA 1067+31	5.8' RIGHT
(B)	STA 1068+45	3.0' LEFT
(C)	STA 1070+09	3.0' LEFT
(D)	STA 1071+23	5.8' RIGHT



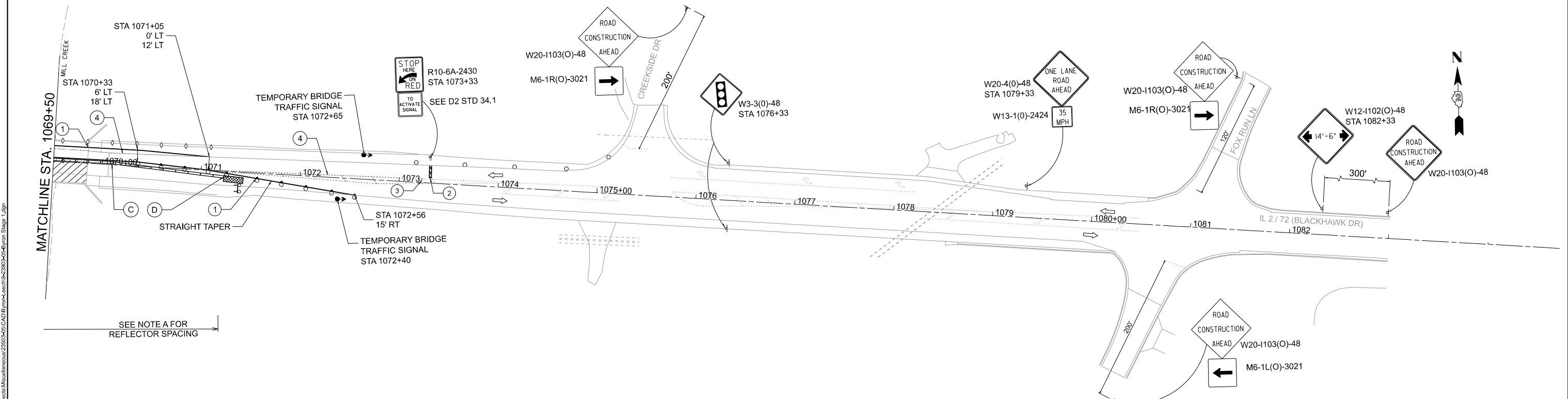
NOTE: ALL BARRICADES, DRUMS, VERTICAL PANELS AND CONES SHALL BE OFFSET AND SPACED IN ACCORDANCE WITH IDOT STANDARD 701321.

SYMBOLS

	WORK AREA.		TEMPORARY IMPACT ATTENUATOR, NON-REDIRECTIVE, TEST LEVEL 3.
	DRUM.		TEMP. CONCRETE BARRIER w/ TYPE C REFLECTORS.
	DRUM WITH STEADY BURN BI-DIRECTIONAL LIGHT.		TEMPORARY BRIDGE TRAFFIC SIGNAL.
	CRYSTAL, BIDIRECTIONAL GUARDRAIL/ BRIDGE PARAPET REFLECTOR, TYPE C (SPECIAL).		SIGN ON PORTABLE OR PERMANENT SUPPORT.
	RUMBLE STRIP.		TYPE III BARRICADE WITH FLASHING LIGHTS.

CALLOUT INDEX

- PAVEMENT MARKING TAPE, TYPE IV, 4" WHITE
- PAVEMENT MARKING TAPE, TYPE IV, 24" WHITE
- PAVEMENT MARKING TAPE, TYPE IV, 4" DOUBLE YELLOW
- PAVEMENT MARKING REMOVAL-WATER BLASTING



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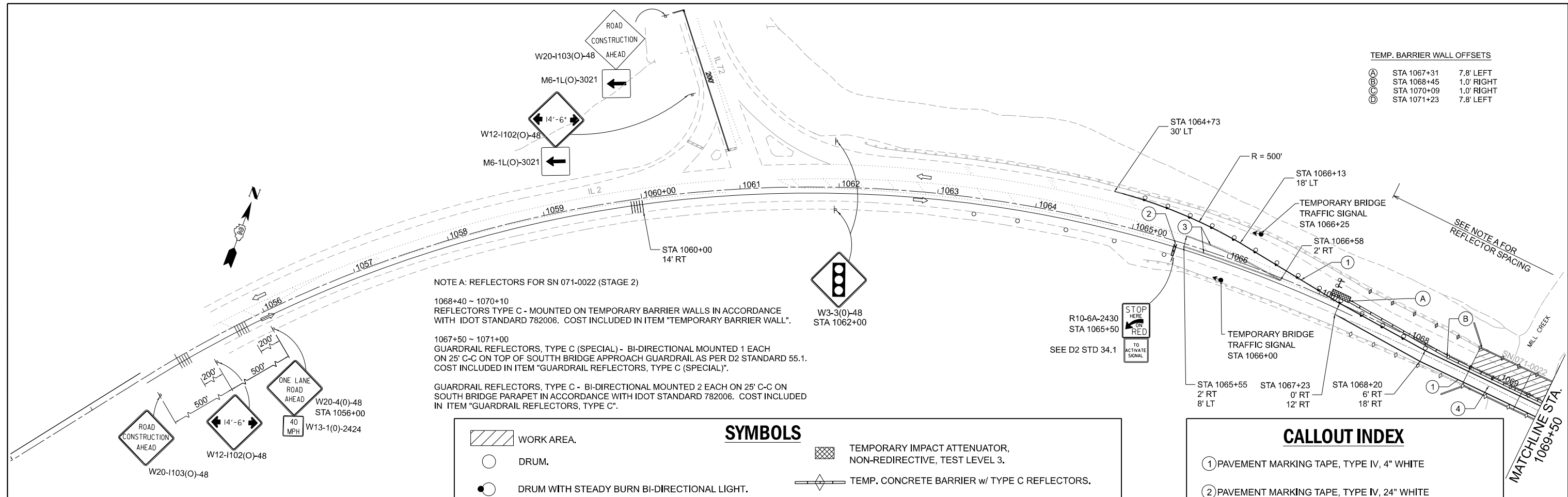
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PLOT DATE = 12/6/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LOCATION 2: IL 2 / 72 CROSSING MILL CREEK
SN 071-0022 MAINTENANCE OF TRAFFIC PLAN STAGE 1**

SCALE: 1"=50' SHEET 9 OF 30 SHEETS STA. 1055+50 TO STA. 1083+00

F.A.P. RTE. 742	SECTION (37BR-2)	COUNTY OGLE	TOTAL SHEETS 30	SHEET NO. 9
CONTRACT NO. 64S66				
ILLINOIS FED. AID PROJECT				



TEMP. BARRIER WALL OFFSETS

(A)	STA 1067+31	7.8' LEFT
(B)	STA 1068+45	1.0' RIGHT
(C)	STA 1070+09	1.0' RIGHT
(D)	STA 1071+23	7.8' LEFT

NOTE A: REFLECTORS FOR SN 071-0022 (STAGE 2)

1068+40 ~ 1070+10
REFLECTORS TYPE C - MOUNTED ON TEMPORARY BARRIER WALLS IN ACCORDANCE WITH IDOT STANDARD 782006. COST INCLUDED IN ITEM "TEMPORARY BARRIER WALL".

1067+50 ~ 1071+00
GUARDRAIL REFLECTORS, TYPE C (SPECIAL) - BI-DIRECTIONAL MOUNTED 1 EACH ON 25' C-C ON TOP OF SOUTH BRIDGE APPROACH GUARDRAIL AS PER D2 STANDARD 55.1. COST INCLUDED IN ITEM "GUARDRAIL REFLECTORS, TYPE C (SPECIAL)".

GUARDRAIL REFLECTORS, TYPE C - BI-DIRECTIONAL MOUNTED 2 EACH ON 25' C-C ON SOUTH BRIDGE PARAPET IN ACCORDANCE WITH IDOT STANDARD 782006. COST INCLUDED IN ITEM "GUARDRAIL REFLECTORS, TYPE C".

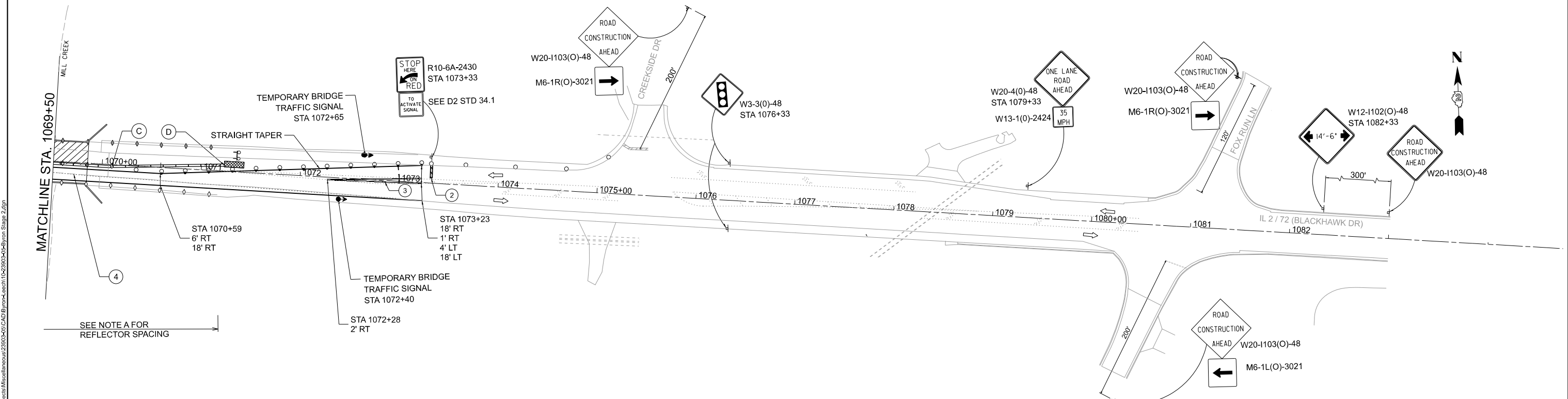
SYMBOLS

	WORK AREA.		TEMPORARY IMPACT ATTENUATOR, NON-REDIRECTIVE, TEST LEVEL 3.
	DRUM.		TEMP. CONCRETE BARRIER w/ TYPE C REFLECTORS.
	DRUM WITH STEADY BURN BI-DIRECTIONAL LIGHT.		TEMPORARY BRIDGE TRAFFIC SIGNAL.
	CRYSTAL, BIDIRECTIONAL GUARDRAIL/ BRIDGE PARAPET REFLECTOR, TYPE C (SPECIAL).		SIGN ON PORTABLE OR PERMANENT SUPPORT.
	RUMBLE STRIP.		TYPE III BARRICADE WITH FLASHING LIGHTS.

CALLOUT INDEX

- PAVEMENT MARKING TAPE, TYPE IV, 4" WHITE
- PAVEMENT MARKING TAPE, TYPE IV, 24" WHITE
- PAVEMENT MARKING TAPE, TYPE IV, 4" DOUBLE YELLOW
- PAVEMENT MARKING REMOVAL-WATER BLASTING

NOTE: ALL BARRICADES, DRUMS, VERTICAL PANELS AND CONES SHALL BE OFFSET AND SPACED IN ACCORDANCE WITH IDOT STANDARD 701321.



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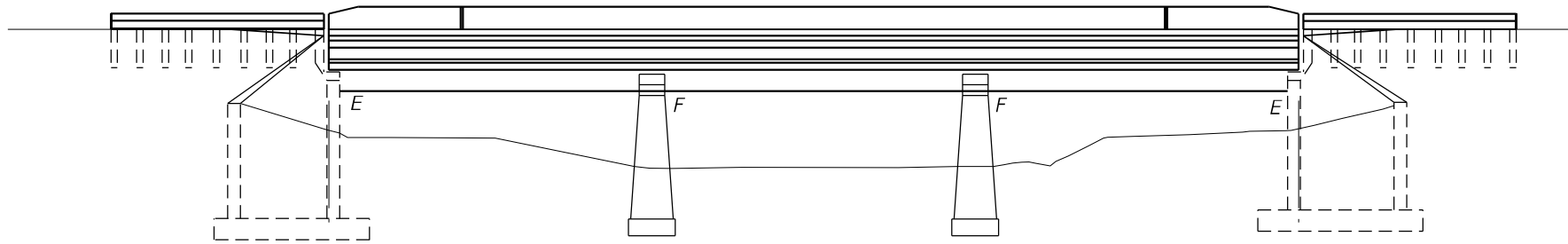
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

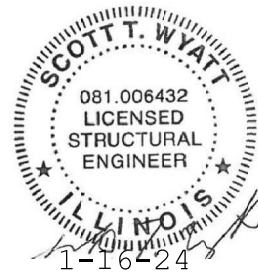
**LOCATION 2: IL 2 / 72 CROSSING MILL CREEK
SN 071-0022 MAINTENANCE OF TRAFFIC PLAN STAGE 2**

SCALE: 1"=50' SHEET 10 OF 30 SHEETS STA. 1055+50 TO STA. 1083+00

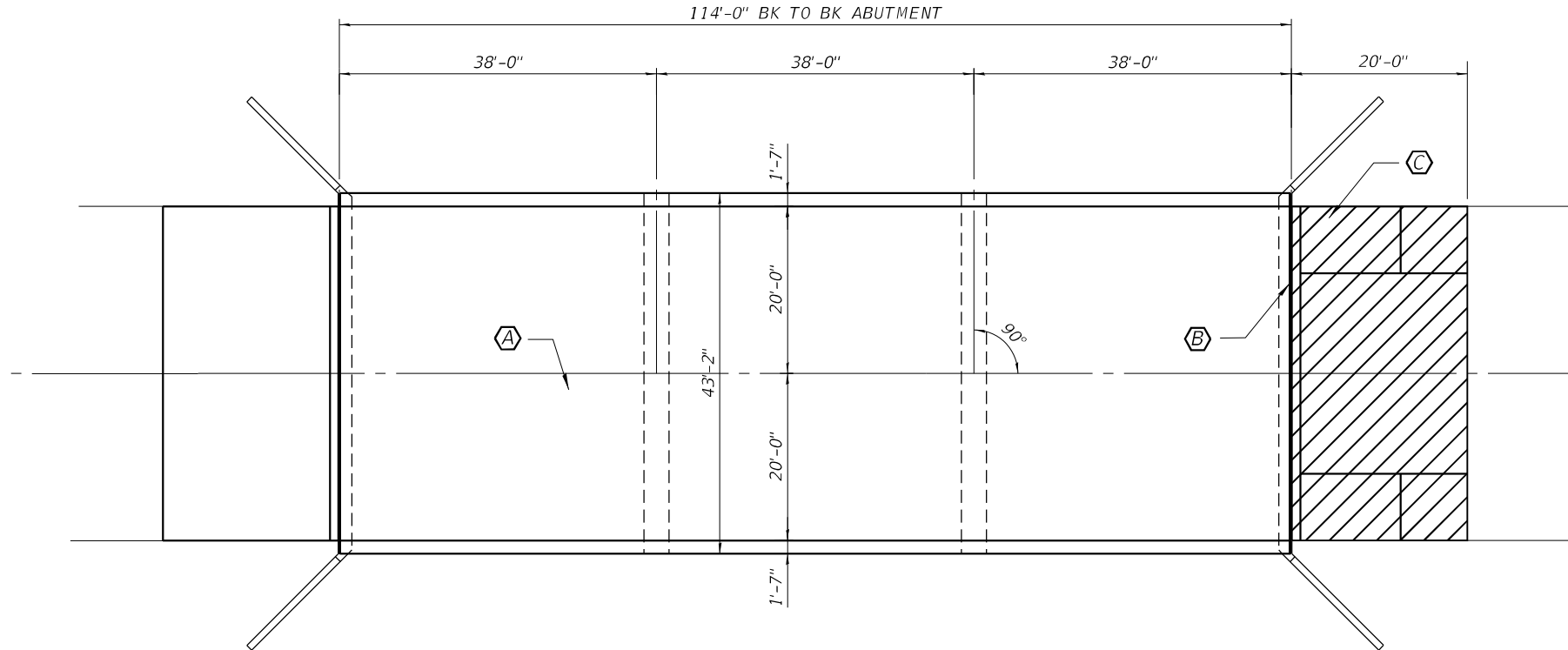
F.A.P. RTE. 742	SECTION (37BR-2)	COUNTY OGLE	TOTAL SHEETS 30	SHEET NO. 10
CONTRACT NO. 64S66				
ILLINOIS FED. AID PROJECT				



ELEVATION



Exp. 11-30-14



PLAN

SCOPE OF WORK

- Ⓐ Deck Slab Repair
- Ⓑ Replace Expansion Joint
- Ⓒ Replace Approach Slab

GENERAL NOTES

The structure number will remain the same SN 071-0022.

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.

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 replaced with an approved bar splicer or anchorage system. Cost included with concrete removal Traffic will be staged during construction.

The Contractor shall contact IDOT District 2 Engineer at 815-284-2271 a minimum of 72 hours before beginning work.

Reinforcing bars designated (E) shall be epoxy coated. Protective coat shall be applied to all new concrete superstructure and all new concrete overlays on the deck.

Joint openings shall be adjusted in accordance with Article 520.04 of the Std. Specs. when the deck is poured at an ambient temperature other than 50°F

TOTAL BILL OF MATERIAL

(SN 071-0022)

ITEM	UNIT	TOTAL
Protective Coat	Sq. Yd.	112
Bar Splicers	Each	100
Deck Slab Repair (Partial Depth)	Sq. Yd.	16
Preformed Strip Joint Seal	Foot	45
Concrete Structures	Cu. Yd.	14
Reinforcement Bars, Epoxy Coated	Pound	12584
Concrete Removal	Cu. Yd.	47
Concrete Superstructure	Cu. Yd.	4
Concrete Superstructure (Approach Slab)	Cu. Yd.	40

MODEL: Default
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USER NAME =	DESIGNED -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -
PLOT DATE =	DRAWN -	REVISED -
	CHECKED -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SN 071-0022 ILLINOIS ROUTE 2 /72 CROSSING MILL CREEK
PLAN AND ELEVATION

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	(37BR-2)	OGLE	30	11
SN 071-0022		CONTRACT NO. 64S66		
ILLINOIS FED. AID PROJECT				

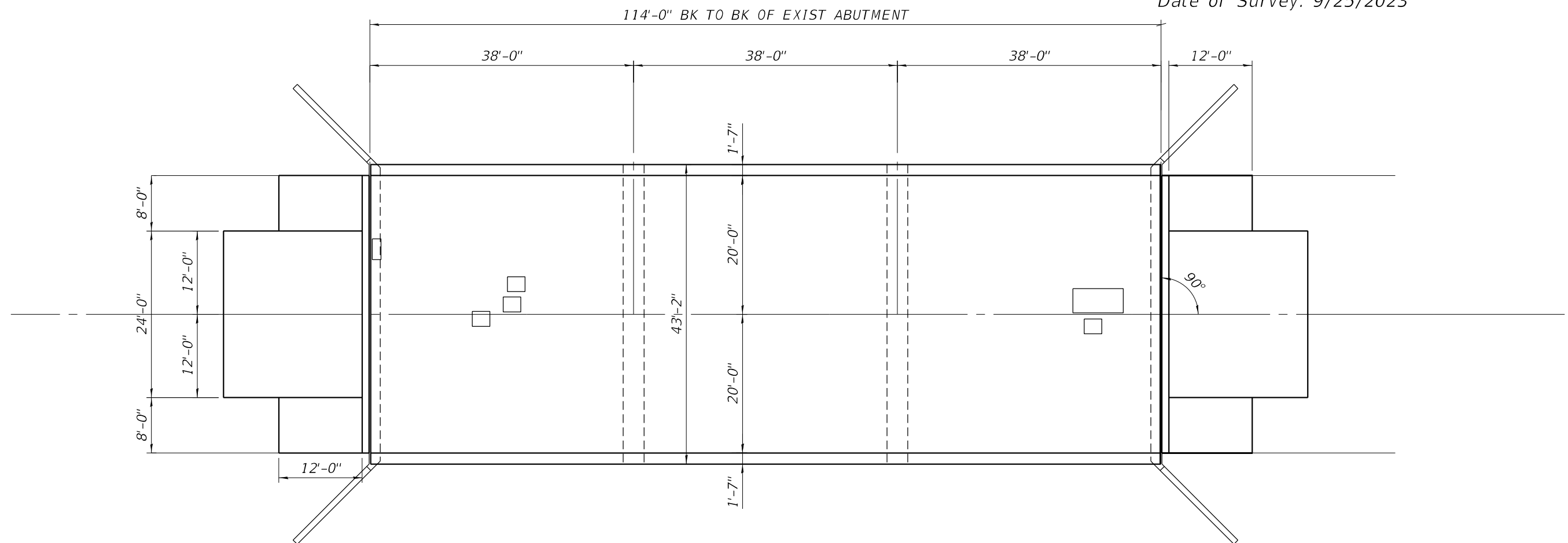


Legend

□ Deck Slab Repair (Partial Depth)

NOTES:
 PATCHES SHOWN ARE POTENTIAL AREAS OF DECK SLAB REPAIR.
 ACTUAL AREAS TO BE DETERMINED BY THE ENGINEER IN THE FIELD.

Date of Survey: 9/25/2023



PLAN

MODEL: Default
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PLOT DATE =	DRAWN -	REVISED -
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SN 071-0022 ILLINOIS ROUTE 2 /72 CROSSING MILL CREEK
 DECK REPAIRS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	(37BR-2)	OGLE	30	12
SN 071-0022		CONTRACT NO. 64S66		
ILLINOIS FED. AID PROJECT				

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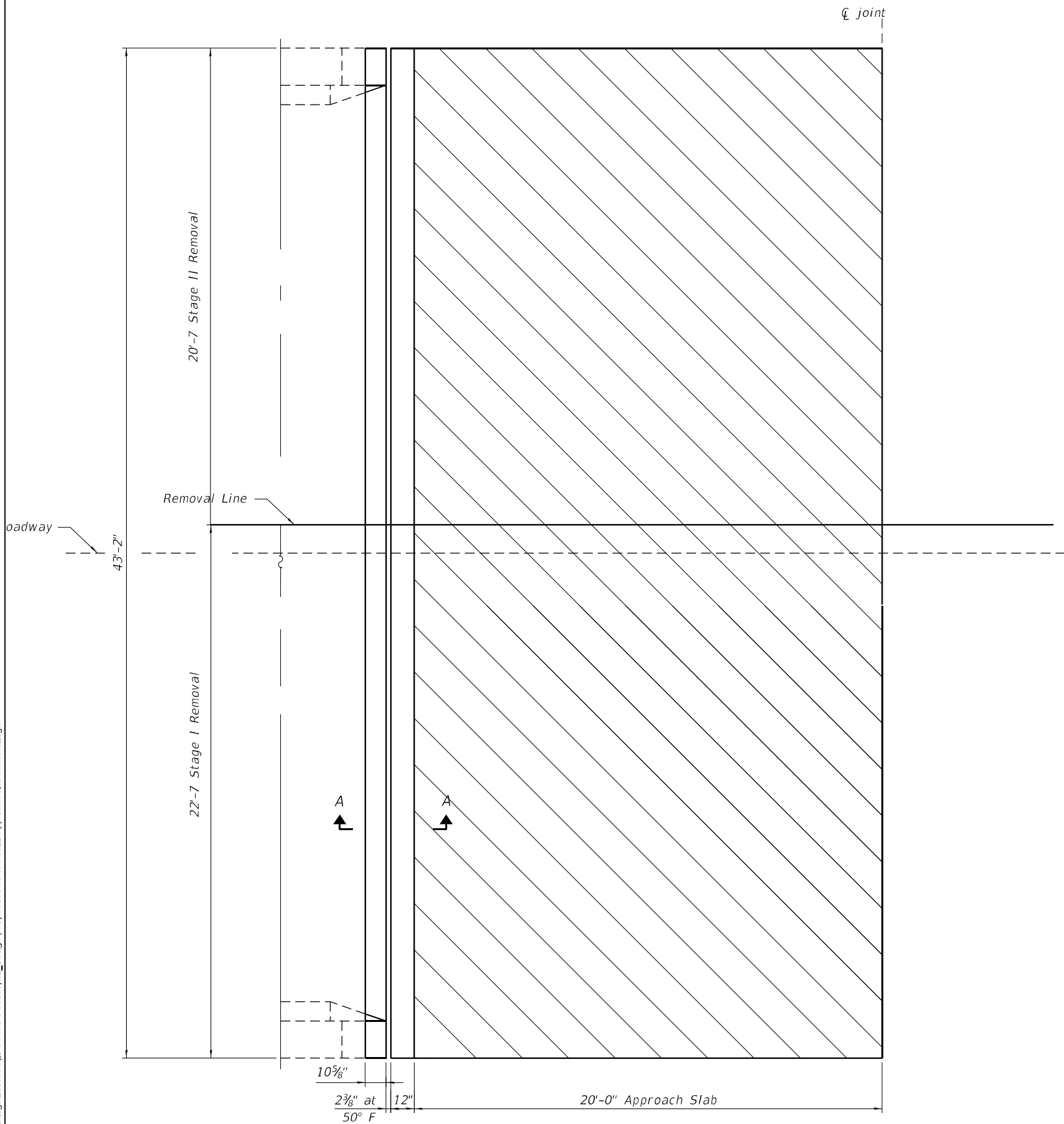


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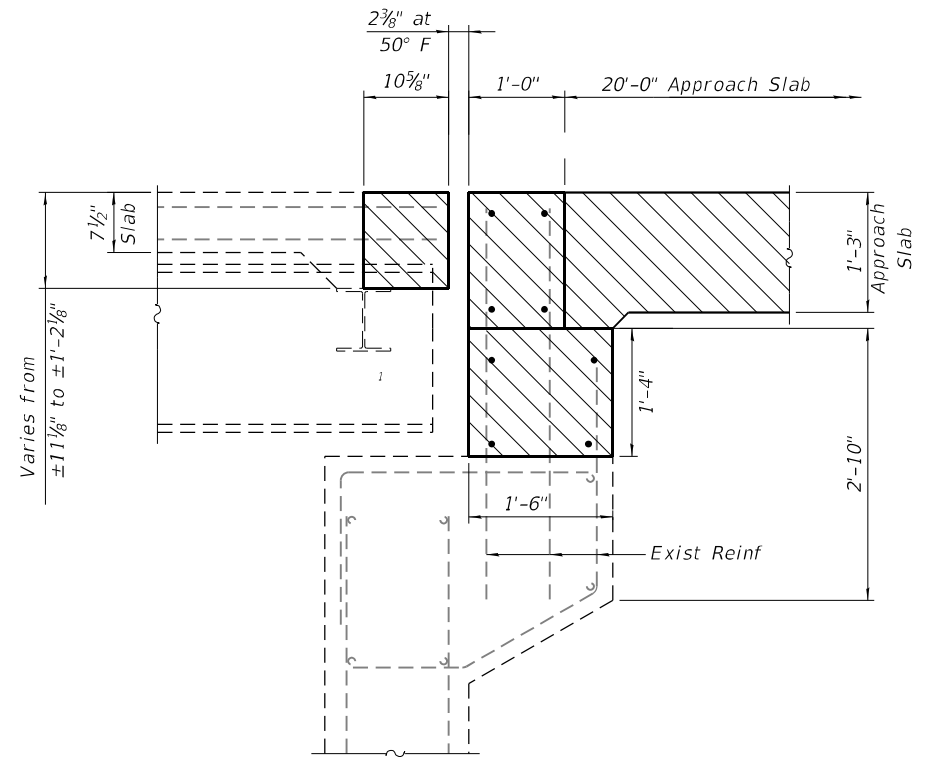
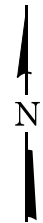
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SN 071-0022 ILLINOIS ROUTE 2 / 72 CROSSING MILL CREEK
 APPROACH REMOVAL DETAILS

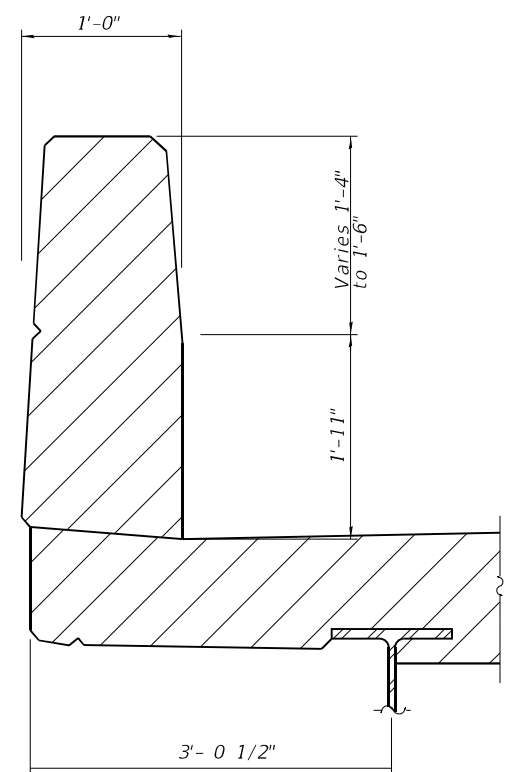
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SN 071-0022		CONTRACT NO. 64S66		
ILLINOIS FED. AID PROJECT				



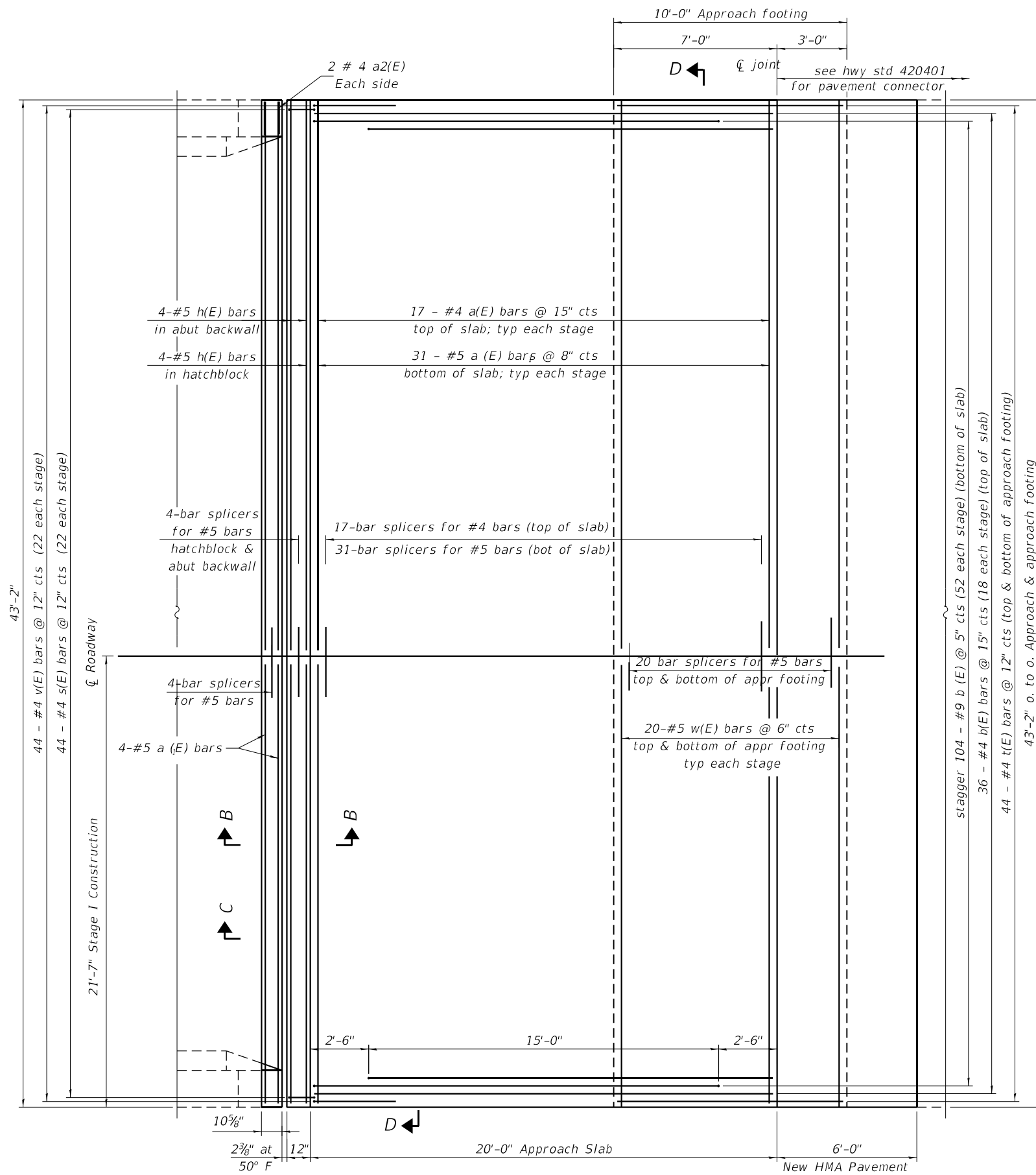
APPROACH & PARTIAL BRIDGE DECK PLAN



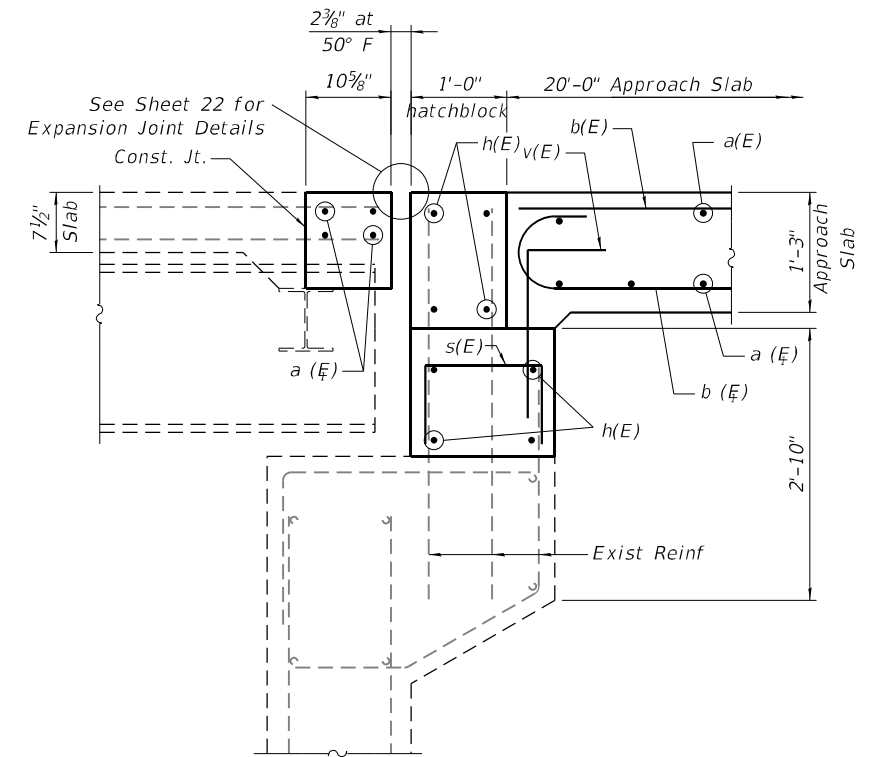
SECTION A-A



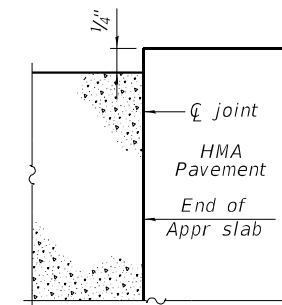
Parapet Removal Details



APPROACH & PARTIAL BRIDGE DECK PLAN



SECTION B-B



FLEXIBLE PAVEMENT

DETAIL A

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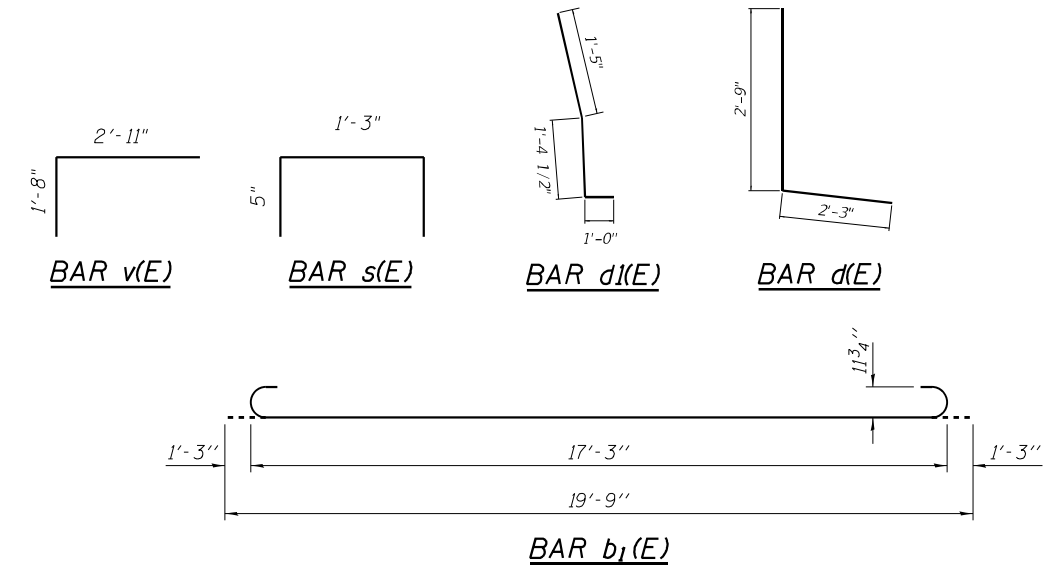
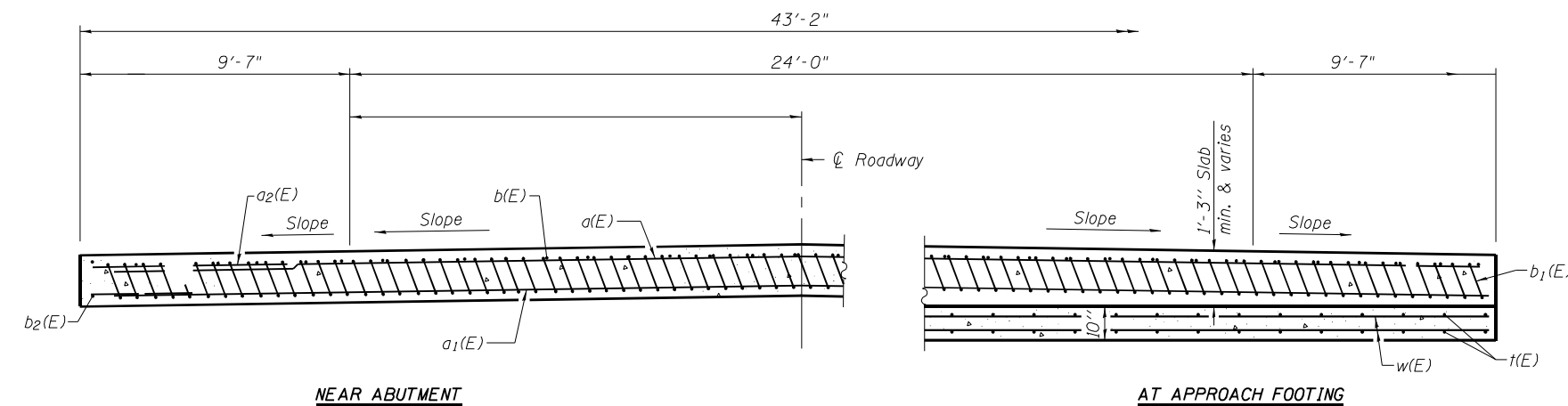
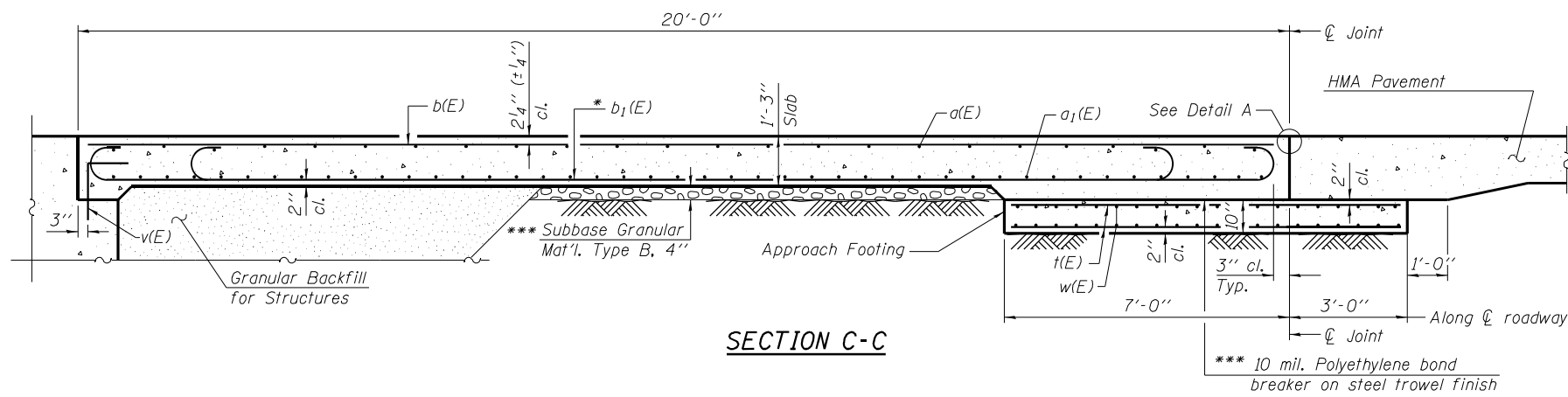
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SN 071-0022 ILLINOIS ROUTE 2 /72 CROSSING MILL CREEK
 APPROACH SLAB DETAILS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	(37BR-2)	OGLE	30	14
SN 071-0022		CONTRACT NO. 64S66		
ILLINOIS FED. AID PROJECT				

Notes:
 See sheet 14 of 29 for Detail A and View B-B.
 Approach slab concrete shall be paid for as Concrete Superstructure.
 Approach footing concrete shall be paid for as Concrete Structures.
 Reinforcement shall be paid for as Reinforcement Bars, Epoxy Coated.
 The approach footing maximum applied service bearing pressure (Qmax) = 2.0 ksf.
 For bar splicer details, see sheet 21 of 29.
 Cost of excavation for approach footing included with Concrete Structures.

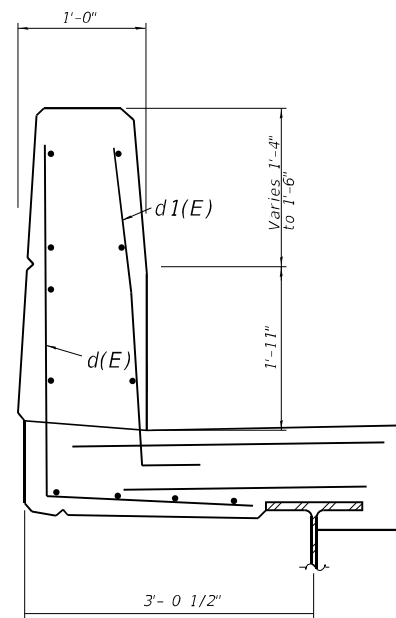
* Tilt #9 b (E) bars as required to maintain clearance.
 *** Cost included with Concrete Superstructure.



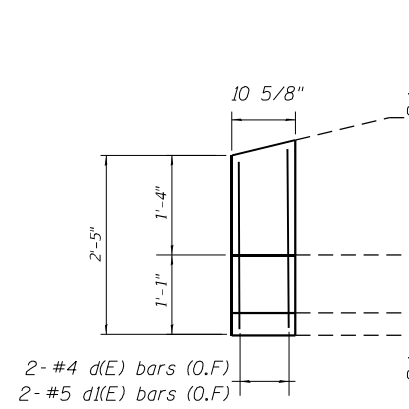
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SECTION D-D
 (See Plan for dimensions not shown)

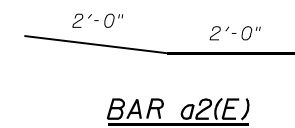
AT APPROACH FOOTING



SECTION THRU BRIDGE PARAPET
 SHOWING REPLACEMENT



PARAPET ELEVATION



BILL OF MATERIAL
 SN 071-0022

Bar	No.	Size	Length	Shape
a(E)	38	#4	21'-4"	—
a1(E)	66	#5	21'-4"	—
a2(E)	4	#4	4'-0"	—
b(E)	36	#4	19'-8"	—
b1(E)	104	#9	19'-9"	—
h(E)	16	#4	21'-4"	—
d(E)	4	#4	5'-0"	L
d1(E)	4	#5	3'-4"	L
s(E)	44	#4	2'-1"	—
v(E)	44	#4	2'-1"	—
t(E)	88	#4	9'-8"	—
w(E)	80	#5	20'-10"	—
Concrete Superstructure		Cu. Yd.	4	
Concrete Super. App. Slab		Cu. Yd.	40	
Concrete Structures		Cu. Yd.	14	
Reinforcement Bars, Epoxy Coated		Pound	12,584	
Concrete Removal		Cu. Yd.	47	
Bar Splicers		Each	100	

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PLOT DATE =	DRAWN -	REVISED -
	CHECKED -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SN 071-0022 ILLINOIS ROUTE 2 / 72 CROSSING MILL CREEK
 APPROACH SLAB DETAILS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	(37BR-2)	OGLE	30	15
SN 071-0022		CONTRACT NO. 64SR66		
ILLINOIS FED. AID PROJECT				

SCOPE OF WORK

- Ⓐ Deck Slab Repair
- Ⓑ Replace Expansion Joint
- Ⓒ Approach Slab Repair

GENERAL NOTES

The structure number will remain the same SN 101-0087.

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.

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 replaced with an approved bar splicer or anchorage system. Cost included with concrete removal.

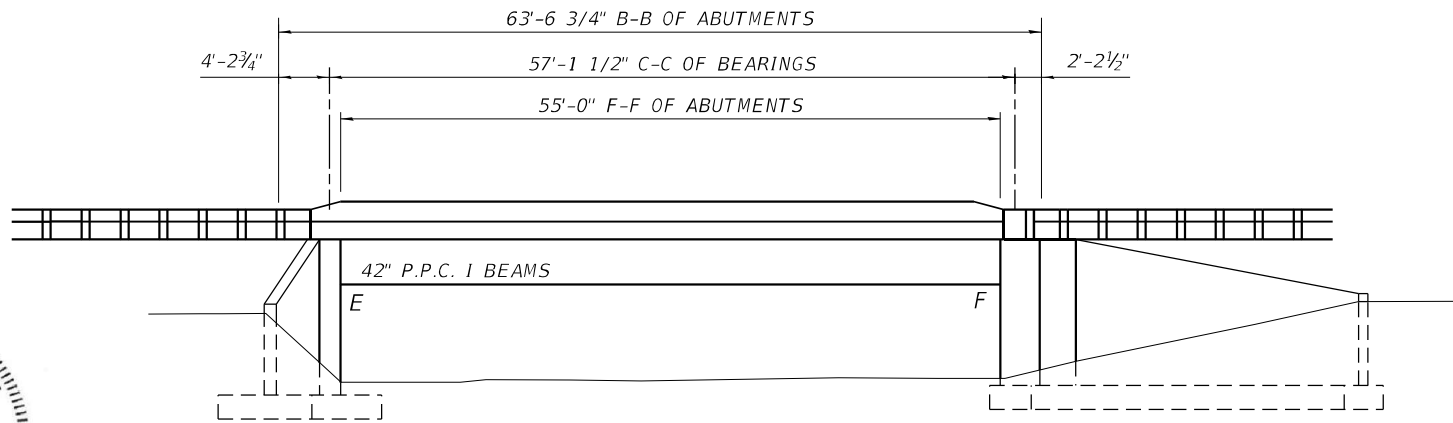
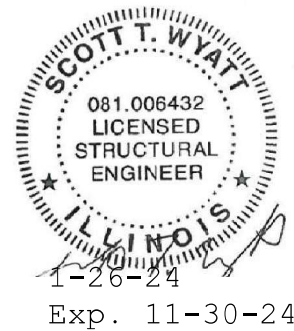
Traffic will be staged during construction.

The Contractor shall contact IDOT District 2 Engineer at 815-284-2271 a minimum of 72 hours before beginning work.

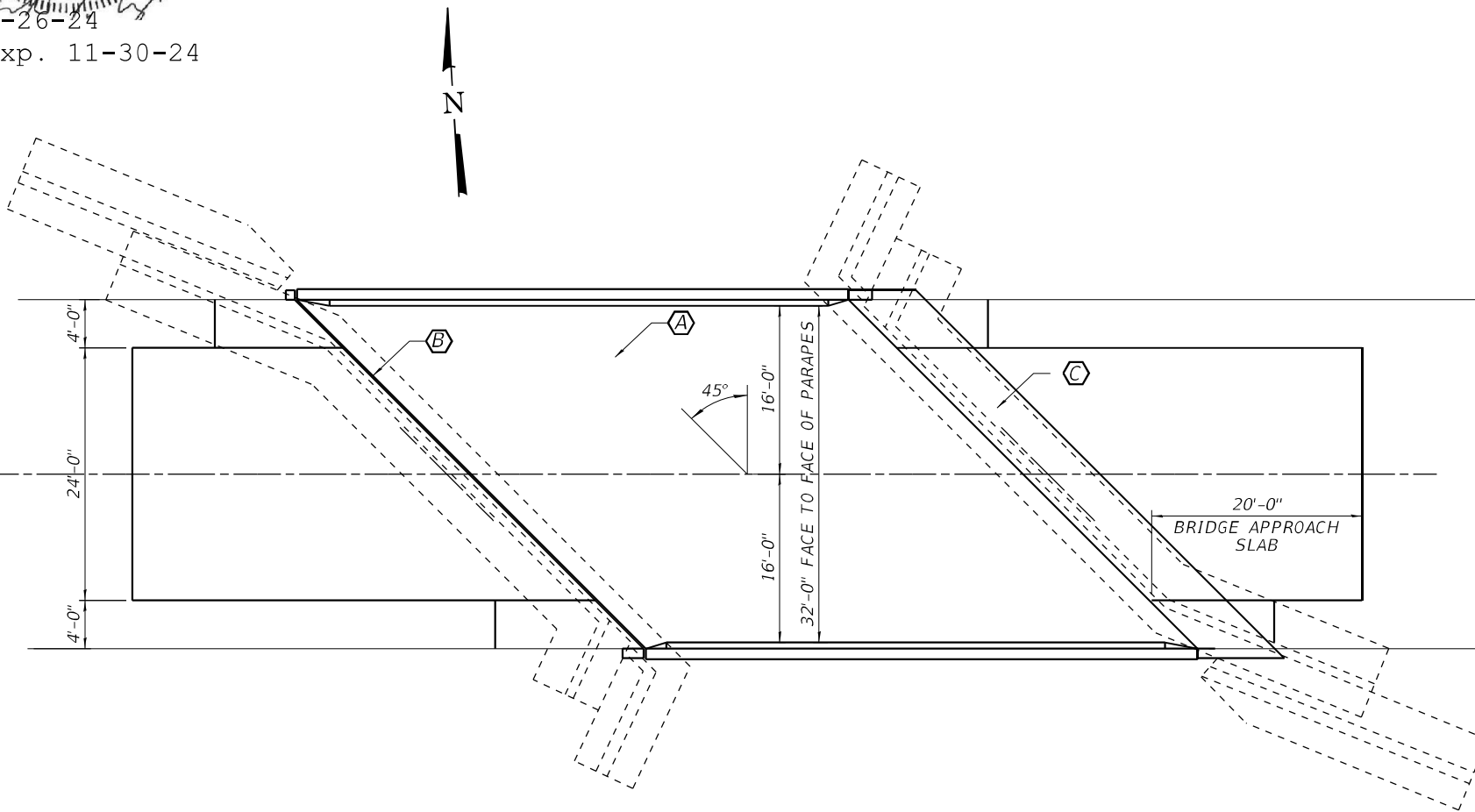
Reinforcing bars designated (E) shall be epoxy coated.

Protective coat shall be applied to all new concrete superstructure and all new concrete overlays on the deck.

Joint openings shall be adjusted in accordance with Article 520.04 of the Std. Specs. when the deck is poured at an ambient temperature other than 50°F



ELEVATION



PLAN

TOTAL BILL OF MATERIAL

(SN 101-0087)

ITEM	UNIT	TOTAL
Protective Coat	Sq. Yd.	43
Bar Splicers	Each	26
Deck Slab Repair (Partial Depth)	Sq. Yd.	20
Preformed Joint Strip Seal	Foot	50
Reinforcement Bars, Epoxy Coated	Pound	3498
Concrete Removal	Cu. Yd.	16
Concrete Superstructure	Cu. Yd.	11
Concrete Superstructure (Approach Slab)	Cu. Yd.	5

MODEL: Default; FILE NAME: \\kpf.com\dis\Bridges\2300531 (IDOT WO 5 64S66)\02_Design (MS)\64S66-16 101-0087-Plan & Elev.dgn

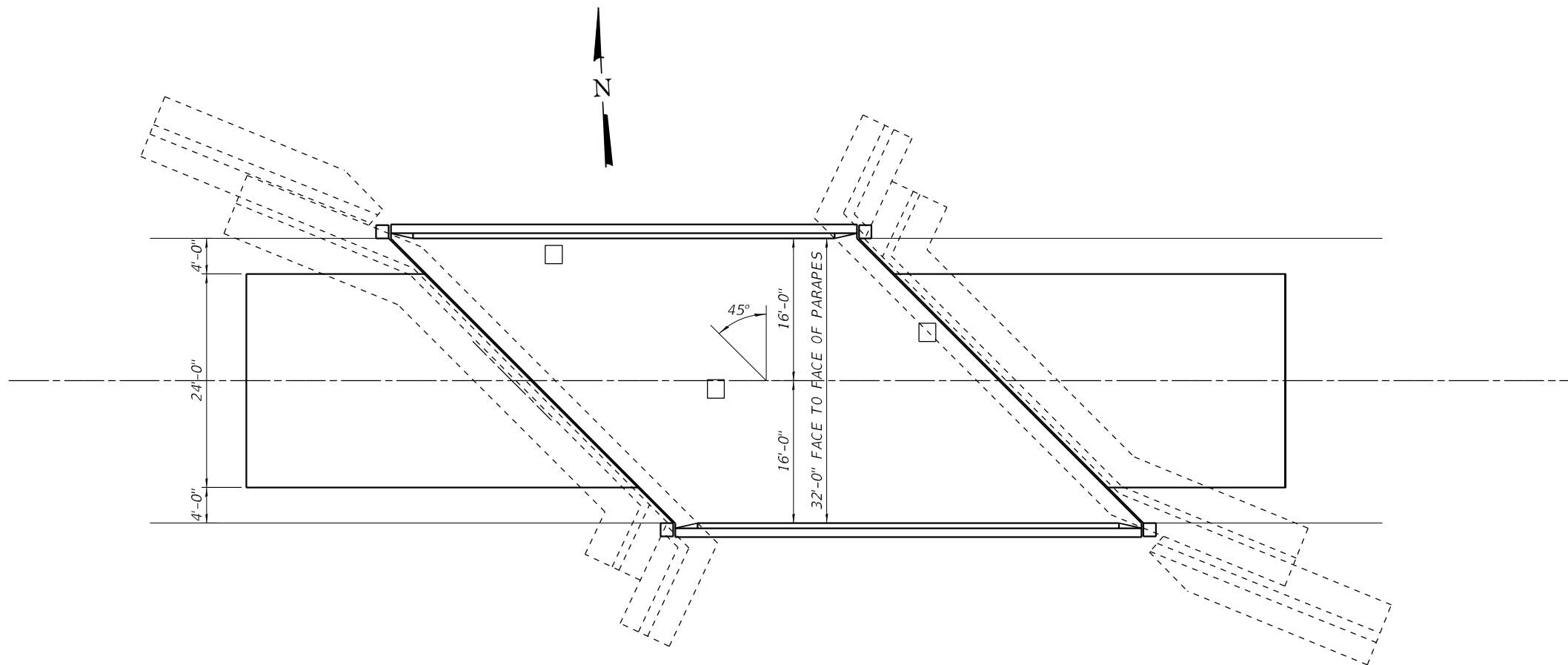


USER NAME =	DESIGNED -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -
PLOT DATE =	DRAWN -	REVISED -
	CHECKED -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SN 101-0087 ILLINOIS ROUTE 70 OVER TRIB. PECATONICA RIVER
PLAN AND ELEVATION

F.A.S. RTE. 55	SECTION (102B-1R-1)	COUNTY WINNEBAGO	TOTAL SHEETS 30	SHEET NO. 16
SN 101-0087			CONTRACT NO. 64S66	
ILLINOIS FED. AID PROJECT				



PLAN

Legend



Deck Slab Repair (Partial Depth)

NOTES:
 PATCHES SHOWN ARE POTENTIAL AREAS OF DECK SLAB REPAIR.
 ACTUAL AREAS TO BE DETERMINED BY THE ENGINEER IN THE FIELD.

Date of Survey: 9/25/2023

MODEL: Default
 FILE NAME: \\kpff.com\dfs\Bridges\2300531 (DOT) WO 5 64S66\02_Design (MS) 64S66-17 101-0087-Deck Repairs.dgn



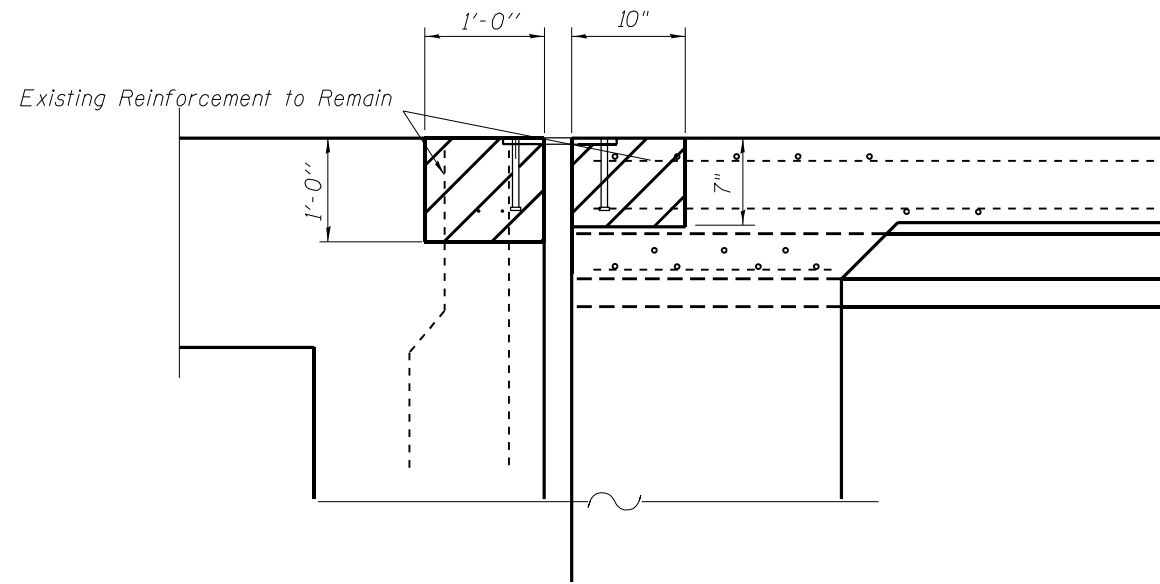
1500 Sherman Ave, Suite 1020
 Evanston, IL 60201
 847-859-7790
 www.kpff.com

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

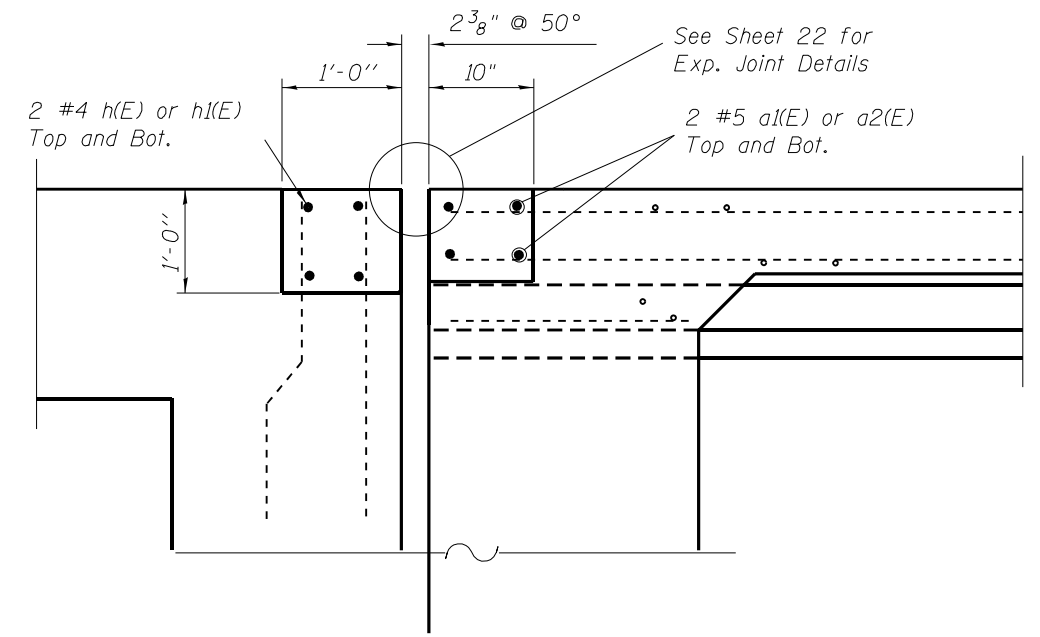
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SN 101-0087 ILLINOIS ROUTE 70 OVER TRIB. PECATONICA RIVER
 DECK REPAIRS

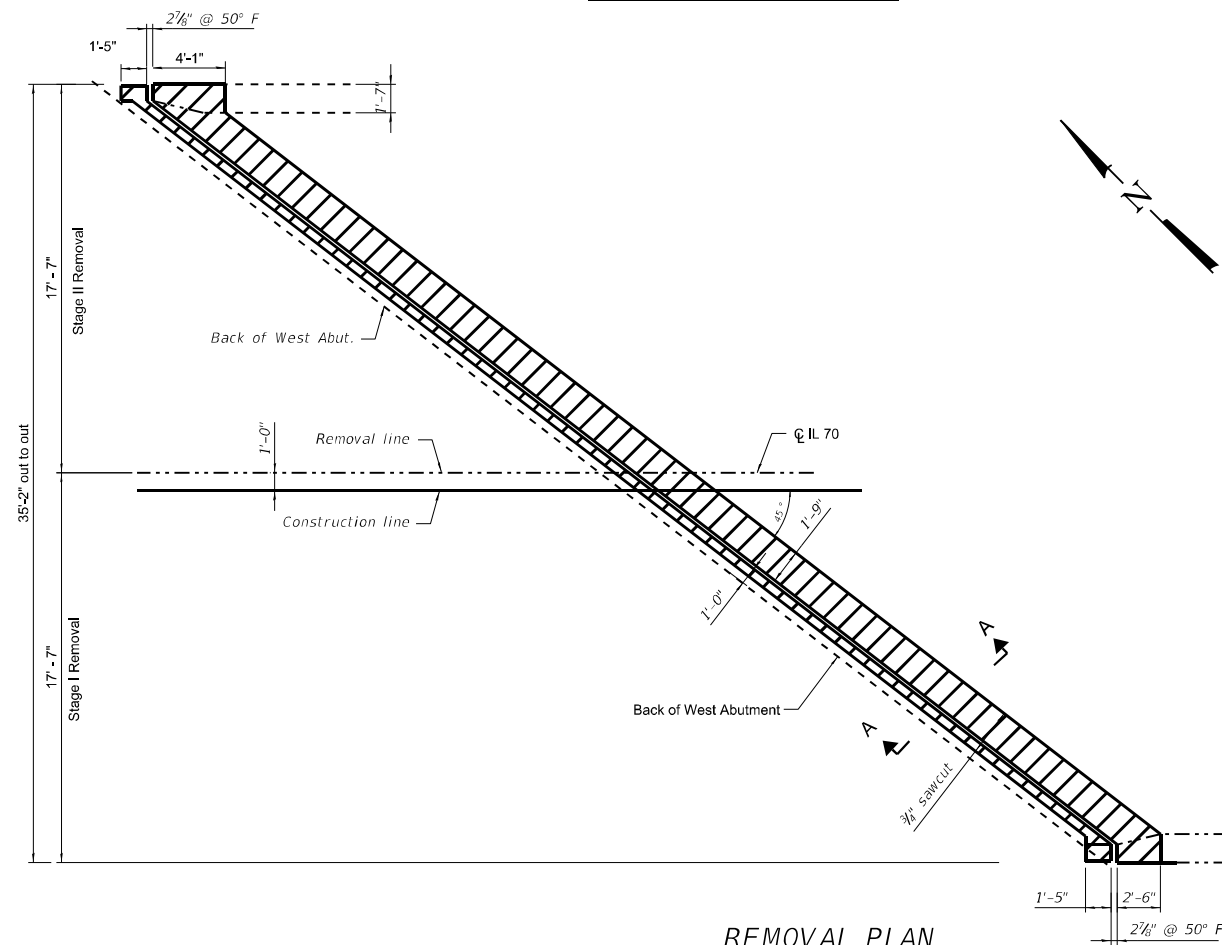
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(102B-1R-1)	WINNEBAGO	30	17
SN 101-0087		CONTRACT NO. 64S66		
ILLINOIS FED. AID PROJECT				



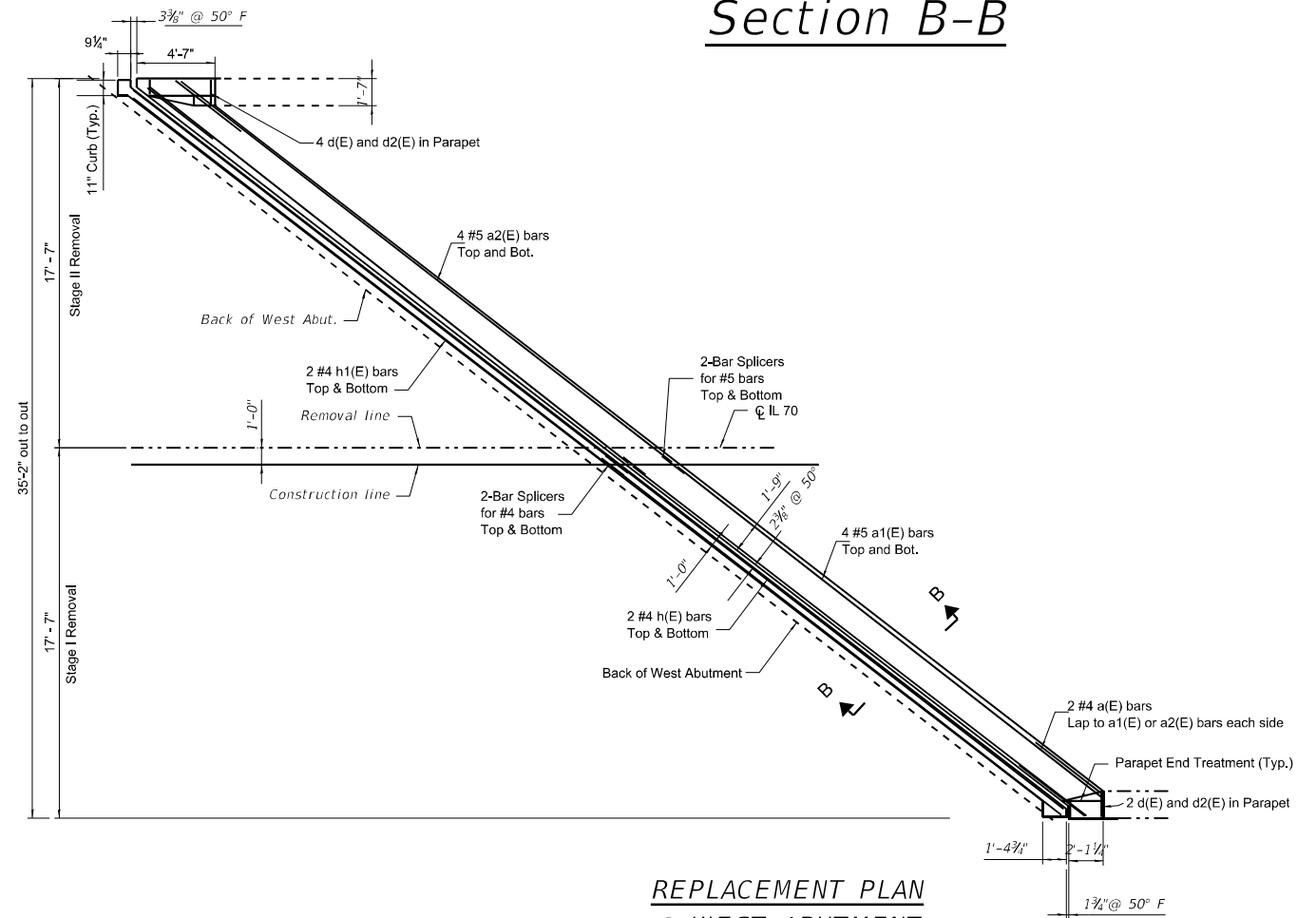
Section A-A



Section B-B



REMOVAL PLAN @ WEST ABUTMENT



REPLACEMENT PLAN @ WEST ABUTMENT

MODEL: Default
 FILE NAME: \\kpf.com\dfs\Bridges\2300531 (DOT) WO 5 64S66\02_Design (MS) 64S66-18 101-0087-Joint Replacement.dgn



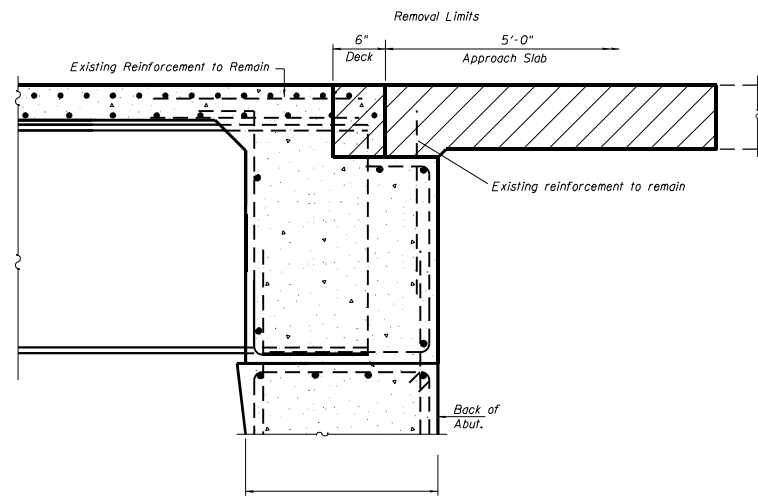
1500 Sherman Ave, Suite 1020
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 847-859-7790
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USER NAME =	DESIGNED -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -
PLOT DATE =	DRAWN -	REVISED -
	CHECKED -	REVISED -

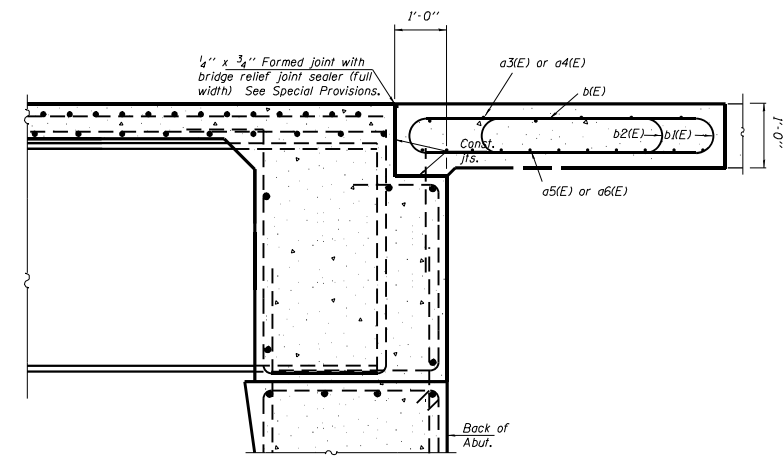
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SN 101-0087 ILLINOIS ROUTE 70 OVER TRIB. PECATONICA RIVER
 JOINT REMOVAL AND REPLACEMENT DETAILS

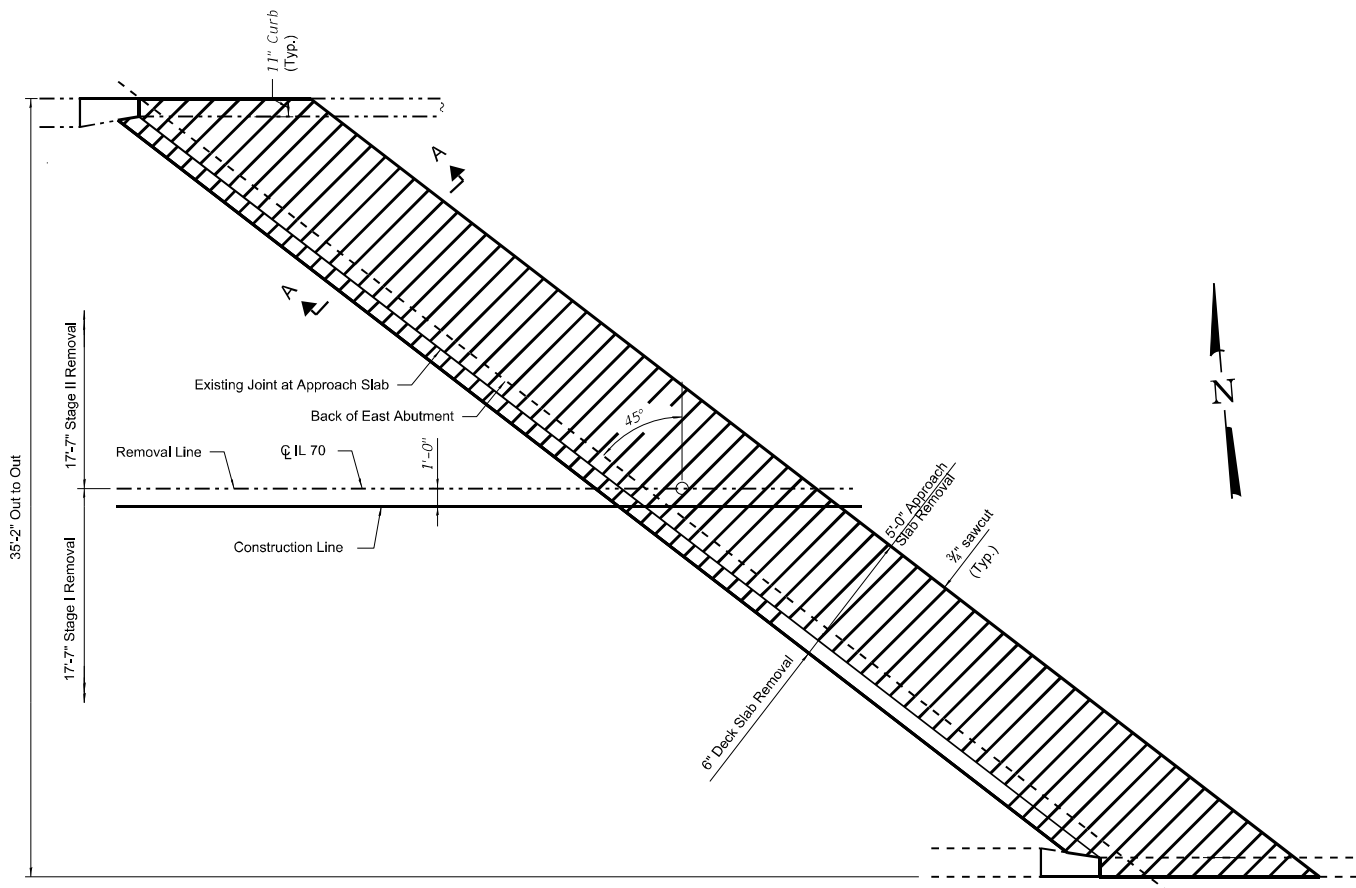
F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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SN 101-0087		CONTRACT NO. 64S66		
ILLINOIS FED. AID PROJECT				



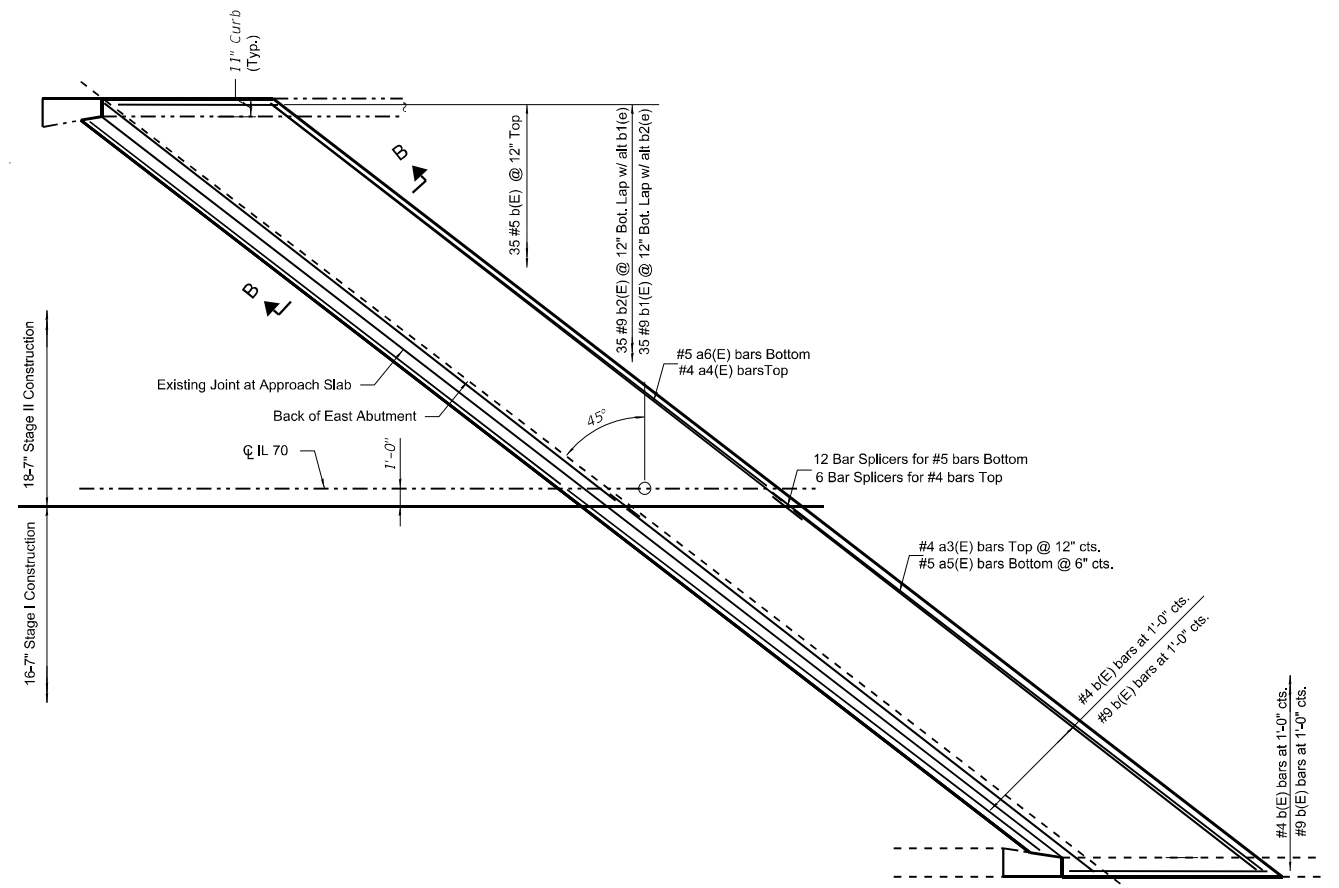
SECTION A-A



SECTION B-B
(at Rt. L's)



REMOVAL PLAN
@ EAST ABUTMENT



REPLACEMENT PLAN
@ EAST ABUTMENT

MODEL: Default
FILE NAME: \\kpf.com\dfs\Bridges\2300531 (DOT) WO 5 64S66\19 101-0087-Approach Repair.dgn

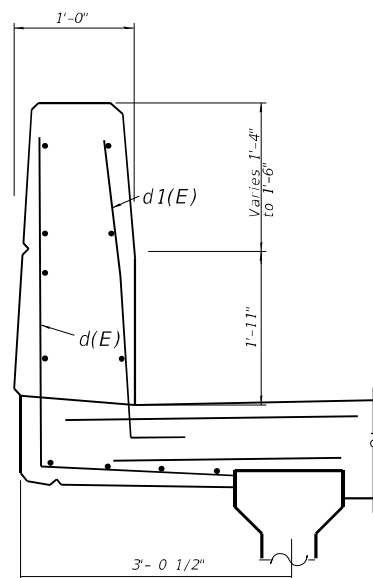


USER NAME =	DESIGNED -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -
PLOT DATE =	DRAWN -	REVISED -
	CHECKED -	REVISED -

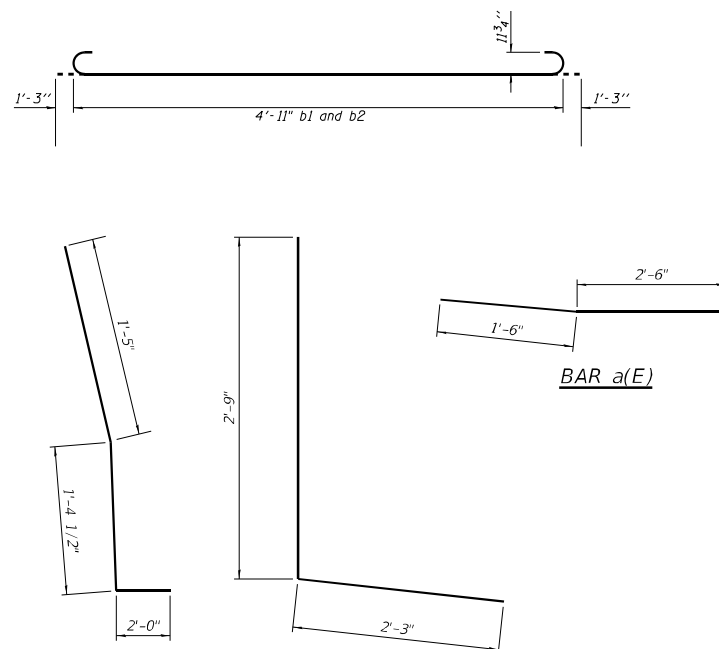
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SN 101-0087 ILLINOIS ROUTE 70 OVER TRIB. PECATONICA RIVER
APPROACH SLAB REPAIRS

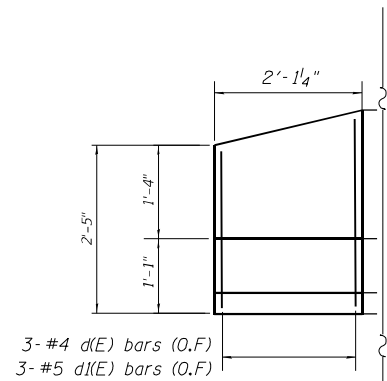
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SN 101-0087		CONTRACT NO. 64S66		
ILLINOIS FED. AID PROJECT				



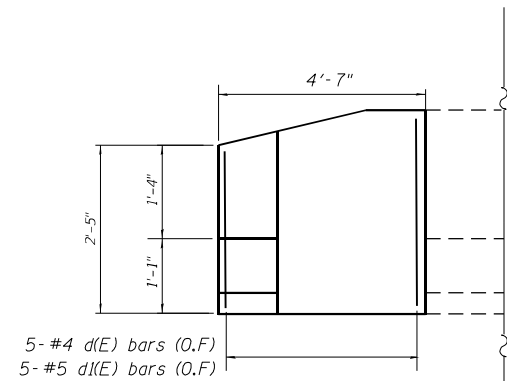
SECTION THRU BRIDGE PARAPET
SHOWING REPLACEMENT



BAR d(E) BAR d1(E)



SOUTH PARAPET ELEVATION



NORTH PARAPET ELEVATION

BILL OF MATERIAL
(SN 101-0087)

Bar	No.	Size	Length	Shape
a1(E)	4	5	26'-10"	—
a2(E)	4	5	33'-4"	—
a3(E)	6	4	26'-10"	—
a4(E)	6	5	33'-4"	—
a(E)	4	4	4'-0"	—
a5(E)	12	5	26'-10"	—
a6(E)	12	5	33'-4"	—
h(E)	4	4	26'-10"	—
h1(E)	4	4	33'-4"	—
b(E)	35	5	7'-5"	—
b1(E)	35	9	7'-5"	⌋
b2(E)	35	9	7'-5"	⌋
d(E)	8	4	5'-0"	L
d1(E)	8	5	3'-4"	L
Concrete Removal			Cu. Yd	9
Concrete Superstructure			Cu. Yd	4
Concrete Super. App. Slab			Cu. Yd	5
Bar Splicers			Each	26
Reinforcing Bars, Epoxy Coated			Pound	3495

MODEL: Default
FILE NAME: \\kpf.com\dfs\Bridges\2300531 (DOT) WO 5 64S66\02_Design (MS) 64S66-20 101-0087-Barrier Sections.dgn

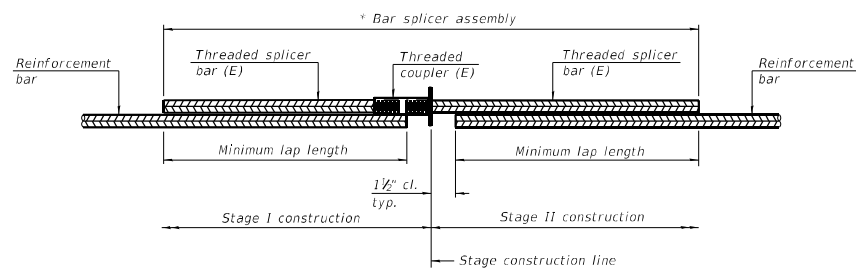


USER NAME =	DESIGNED -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -
PLOT DATE =	DRAWN -	REVISED -
	CHECKED -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SN 101-0087 ILLINOIS ROUTE 70 OVER TRIB. PECATONICA RIVER
BARRIER SECTIONS

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(102B-1R-1)	WINNEBAGO	30	20
SN 101-0087		CONTRACT NO. 64S66		
ILLINOIS FED. AID PROJECT				

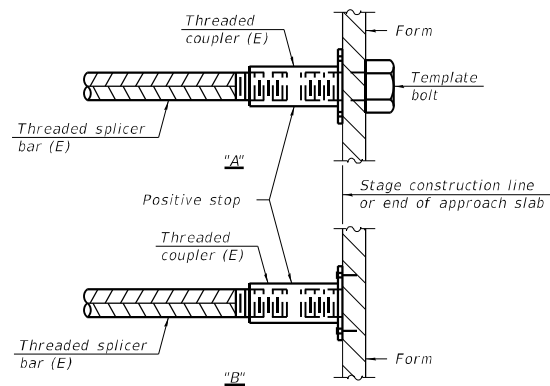


STANDARD BAR SPLICER ASSEMBLY PLAN
(All components shall be provided from one supplier)

Threaded splicer bar length = min. lap length + 1 1/2" + thread length

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

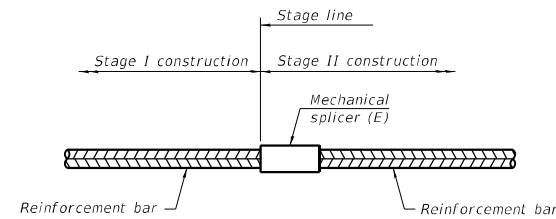
Location	Bar size	No. assemblies required	Minimum lap length
SN 071-0022 Deck/App.	#5	59	3'-6"
SN 071-0022 App. Slab	#4	21	3'-6"
SN 071-0022 App. Slab	#6	20	4'-0"
SN 101-0087 App. Slab	#5	12	3'-6"
SN 101-0087 Deck	#5	4	3'-6"
SN 101-0087 App. Slab	#4	10	3'-0"



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.

Notes:
 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.



STANDARD MECHANICAL SPLICER

Location	Bar size	No. assemblies required

MODEL: Default
 FILE NAME: \\kpf.com\dfs\Bridges\2300531 (DOT WO 5 64S66)\02_Design (MS)\64S66-21 -Bar Splices.dgn



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PLOT DATE =	DRAWN -	REVISED -
	CHECKED -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SN 071-0022 ILLINOIS ROUTE 2 /72 CROSSING MILL CREEK
 SN 101-0087 IL 70 BAR SPLICES

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	(37BR-2)	OGLE	30	21
SN 071-0022		CONTRACT NO. 64S66		
ILLINOIS FED. AID PROJECT				

Notes:

The strip seal shall be made continuous and shall have a minimum thickness of 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 4 1/2" 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.

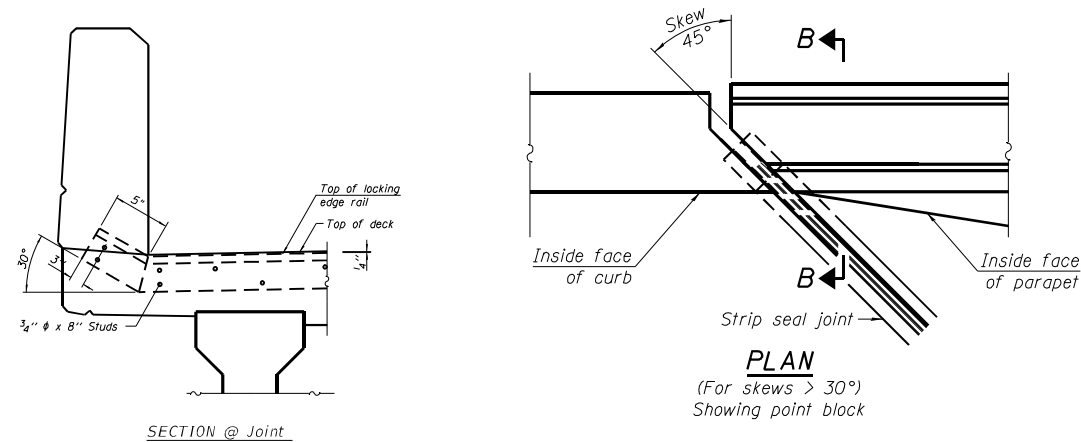
The Maximum space between locking edge rail segments shall be 3/16" and sealed with a suitable sealant; however, any rail joint within 10' measured perpendicular to the face of the curb or parapet shall be welded as shown in the locking edge rail splice detail.

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.

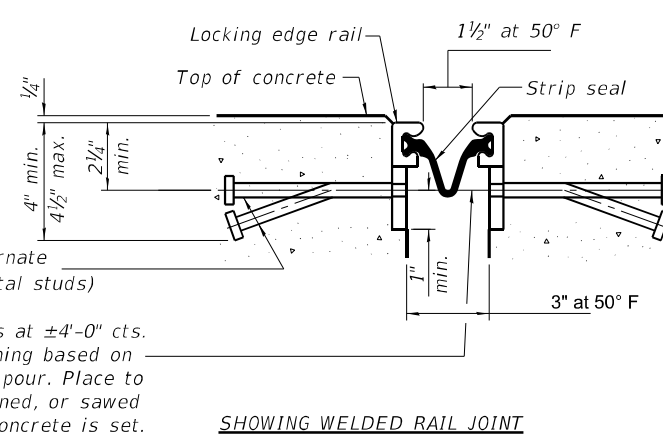
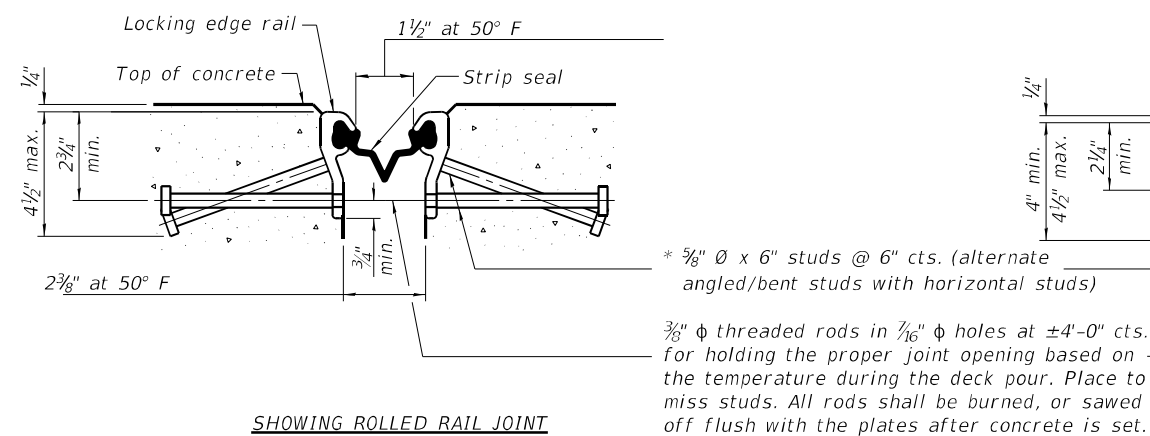
39" constant slope barrier shown, 44" constant slope barrier similar as noted.

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.



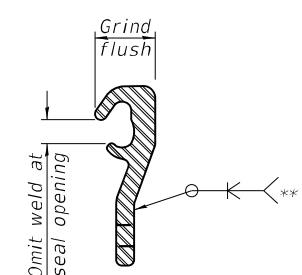
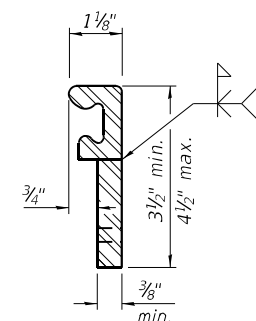
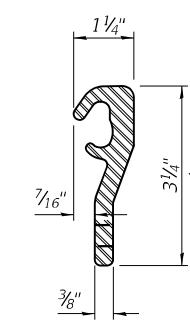
Bill of Material

Item	Unit	Total
Preformed Joint Strip Seal	Foot	50



SECTION A-A

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



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.

MODEL: Default
FILE NAME: \\kpf.com\dfs\Brdg\2300531 (DOT) WO 5 64S66\02_Design (MS) 64S66-21A -Joint Details.dgn



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

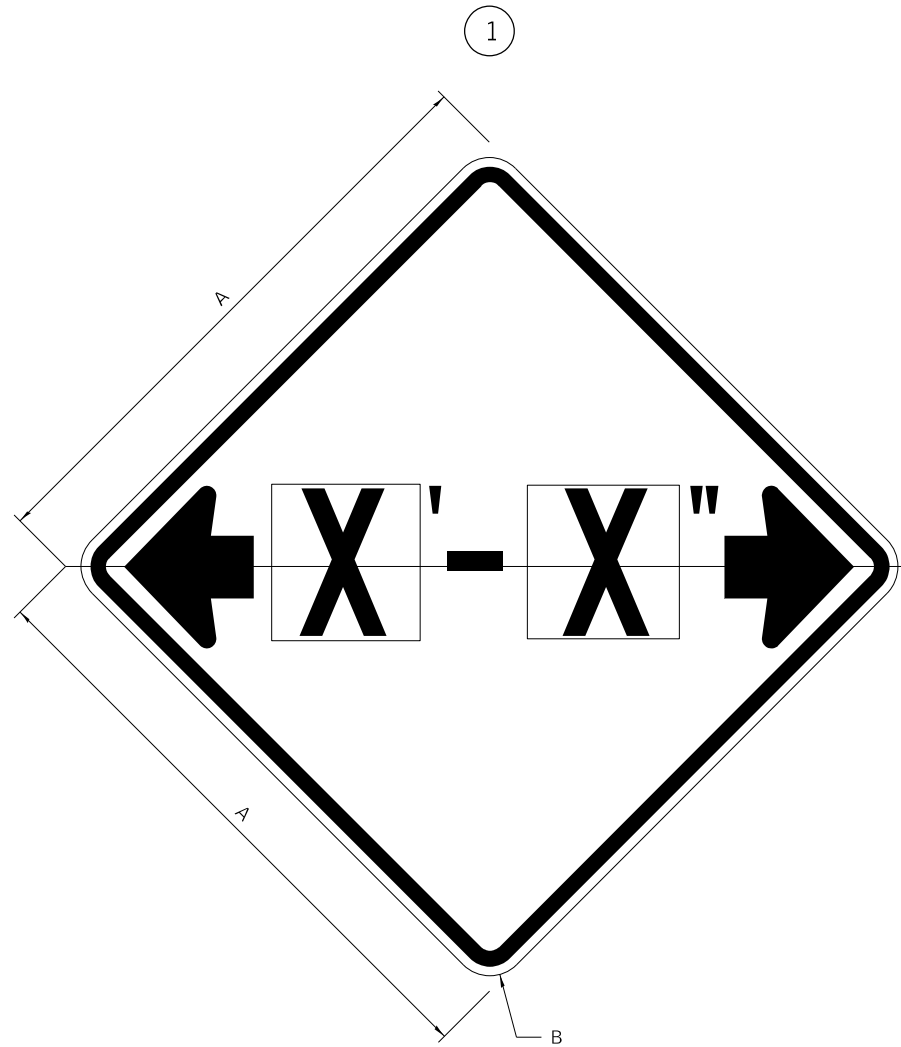
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SN 071-0022 ILLINOIS ROUTE 2 /72 CROSSING MILL CREEK
SN 101-0087 IL 70 JOINT DETAILS

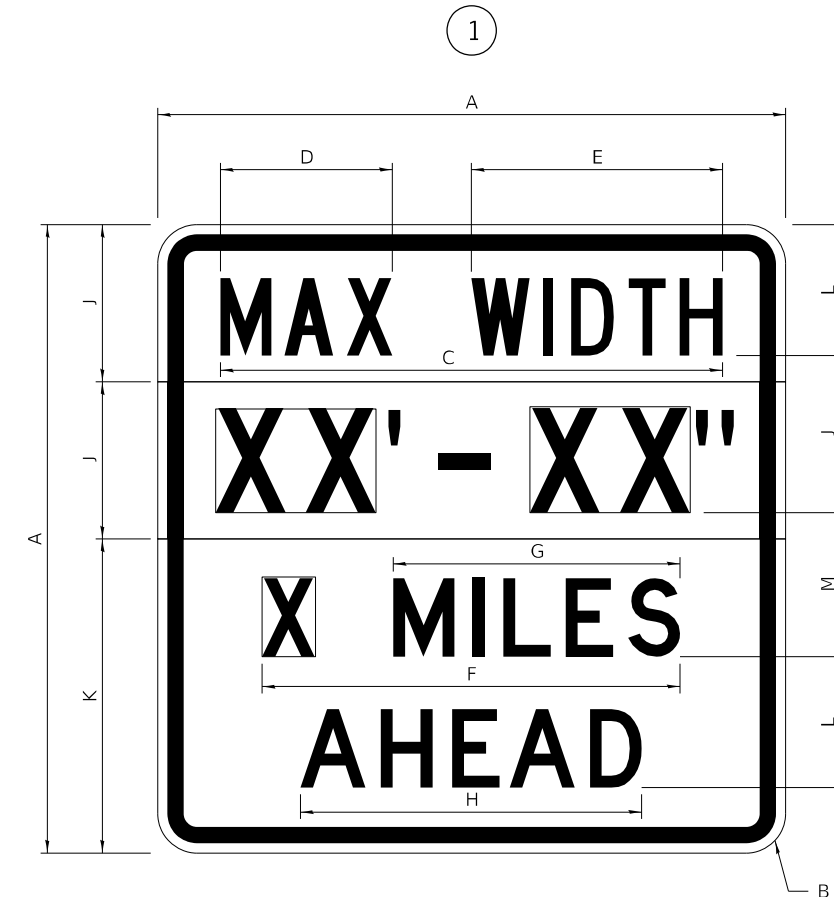
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	(37BR-2)	OGLE	30	21A
SN 071-0022		CONTRACT NO. 64S66		
ILLINOIS FED. AID PROJECT				

WORK ZONE SIGN DETAILS

ILLINOIS STANDARD W12-I102



ILLINOIS STANDARD W12-I103



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.

COLOR LEGEND AND BORDER BACKGROUND BLACK FL ORANGE NON-REFLECTORIZED REFLECTORIZED

SIGN SIZE	DIMENSIONS	
	A	B
48 x 48	48.00	3.00

① Illinois Standard signs W12-I102 and W12-I103 shall be used as described in the special provisions.

SIGN SIZE	SERIES BY LINE	MARGIN	BORDER
	1		
48 x 48	12C	0.750	1.250

Sign not to scale

COLOR LEGEND AND BORDER BACKGROUND BLACK WHITE NON-REFLECTORIZED REFLECTORIZED REFLECTORIZED

SIGN SIZE	DIMENSIONS											
	A	B	C	D	E	F	G	H	J	K	L	M
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
	1	2	3	4		
48 x 48	6C	8D	6D	6D	0.750	1.250

Sign not to scale

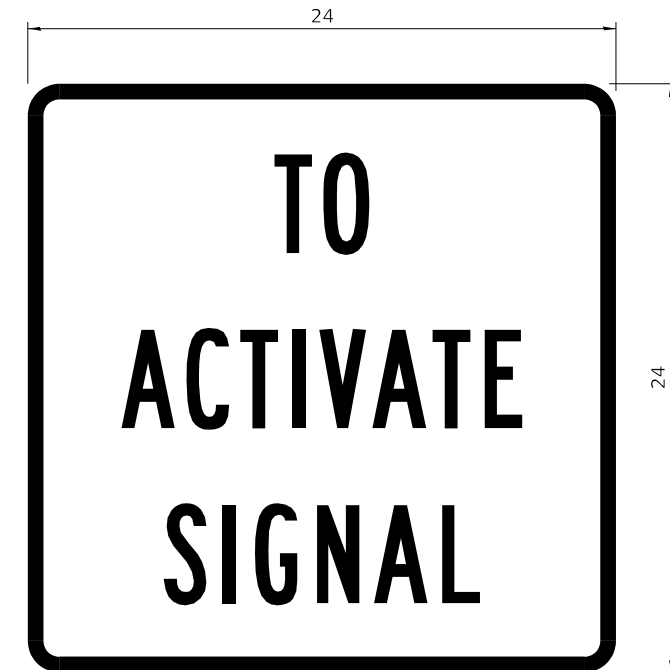
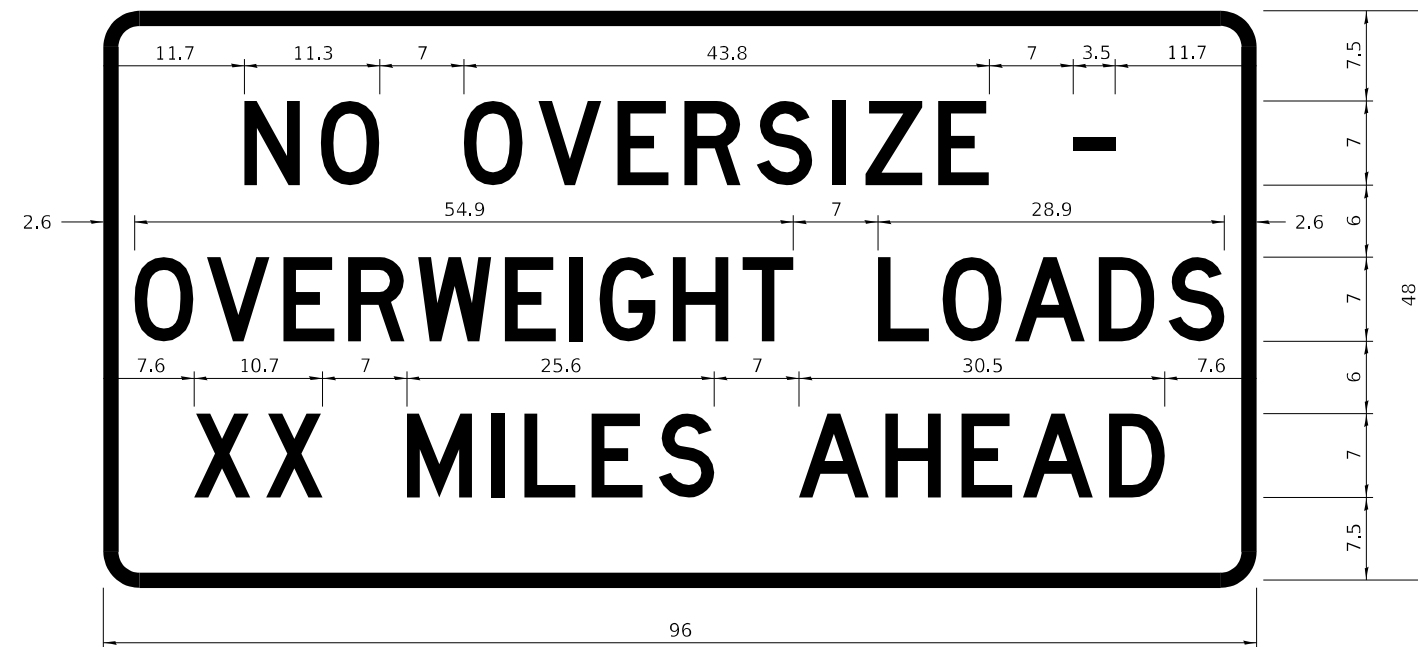
XX'-XX" WIDTH AND X MILES ARE VARIABLE TOP AND BOTTOM OF BACKGROUND WHITE

FILE NAME: District 2 Standard	USER NAME = IDOT/District 2	DESIGNED -	REVISED - 3-02-16	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1,0000' / in.	DRAWN -	REVISED -			FAS 55	(37BR-2) & (102B-1R-1)	WINNEBAGO	30	23
PLOT DATE = 5/17/2023	CHECKED -	REVISED -	SCALE: NTS	SHEET 2 OF 4 SHEETS	STA. TO STA.	FAP 742	CONTRACT NO. 64S66	ILLINOIS FED. AID PROJECT		

WORK ZONE SIGN DETAILS

ROAD CLOSED TO OVERSIZED LOADS

STOP LINE SIGN FOR TEMPORARY SIGNALS



COLOR	LEGEND AND BORDER BACKGROUND	BLACK ORANGE	NON-REFLECTORIZED REFLECTORIZED
-------	------------------------------	--------------	---------------------------------

COLOR	LEGEND AND BORDER BACKGROUND	BLACK WHITE	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.

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

N	O	O	V	E	R	S	I	Z	E	-
11.7	18.1	30.0	36.2	42.8	48.4	54.4	60.7	63.5	69.5	80.8

O	V	E	R	W	E	I	G	H	T	L	O	A	D	S
2.6	8.6	15.0	20.4	26.2	33.4	38.8	41.3	47.4	53.2	64.5	69.9	75.9	82.9	88.7

X	X	M	I	L	E	S	A	H	E	A	D
7.6	13.6	25.3	32.3	35.1	40.6	46.2	57.9	65.1	71.4	76.6	83.7

Sign not to scale

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.

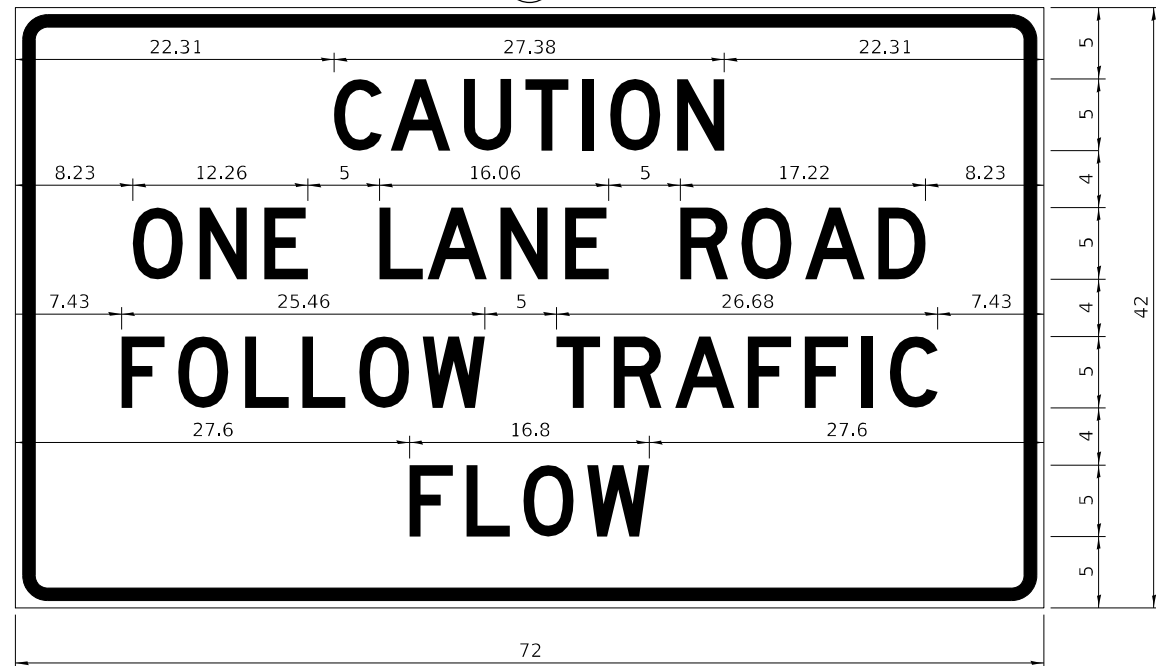
All dimensions are in inches unless otherwise noted.

FILE NAME: District 2 Standard	USER NAME = IDOT/District 2	DESIGNED -	REVISED - 3-02-16	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD	SCALE: NTS	SHEET 3 OF 4 SHEETS	STA. TO STA.	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1,0000' / in.	DRAWN -	REVISED -						FAS 55	(37BR-2) & (102B-1R-1)	WINNEBAGO OGLE	30	24
	PLOT DATE = 5/17/2023	CHECKED -	REVISED -									CONTRACT NO. 64S66	
		DATE -	REVISED -						ILLINOIS FED. AID PROJECT				

**ENTRANCE SIGN FOR USE
WITH TEMPORARY SIGNALS**

WORK ZONE SIGN DETAILS

2



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

8.23	O	N	E
3.51	3.36	3.36	3.04
1.17	1.18		

5.00	L	A	N	E
3.05	3.36	4.18	3.36	3.05
0.31	0.94	0.94	1.17	

5.00	R	O	A	D
3.36	3.52	4.18	3.36	3.36
0.93	0.94	0.93	8.23	

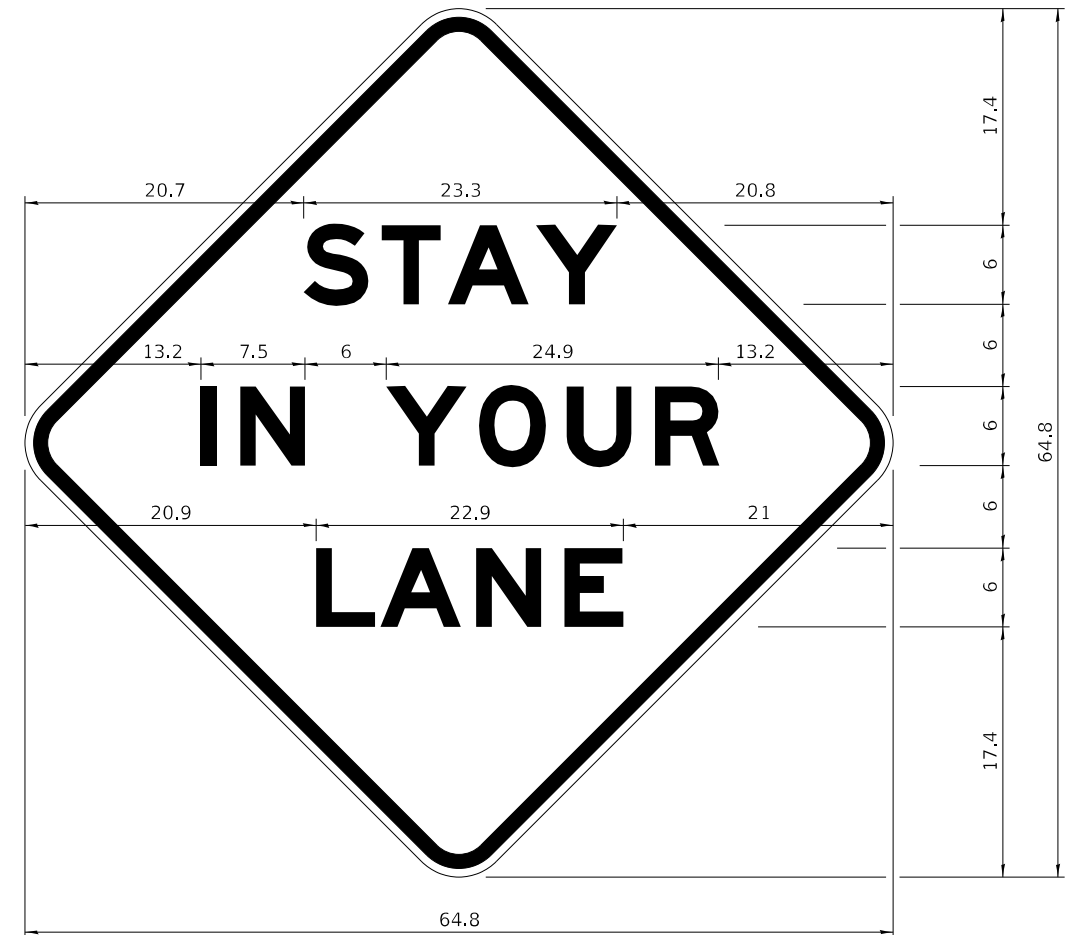
7.43	F	O	L	L	O	W
3.04	3.52	3.04	3.05	3.51	0.94	4.37
0.94	1.17	0.94	0.94	0.94		

5.00	T	R	A	F	F	I	C
3.05	3.36	4.18	3.05	3.04	0.94	0.78	3.35
0.94	0.94	0.93	0.94	0.94	1.18	7.43	

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

Sign not to scale

STAY IN YOUR LANE



COLOR 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	T	A	Y
20.7	26.8	31.6	38.0

I	N	Y	O	U	R
13.2	15.9	26.7	33.9	40.5	46.8

L	A	N	E
20.9	25.8	33.1	39.4

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.

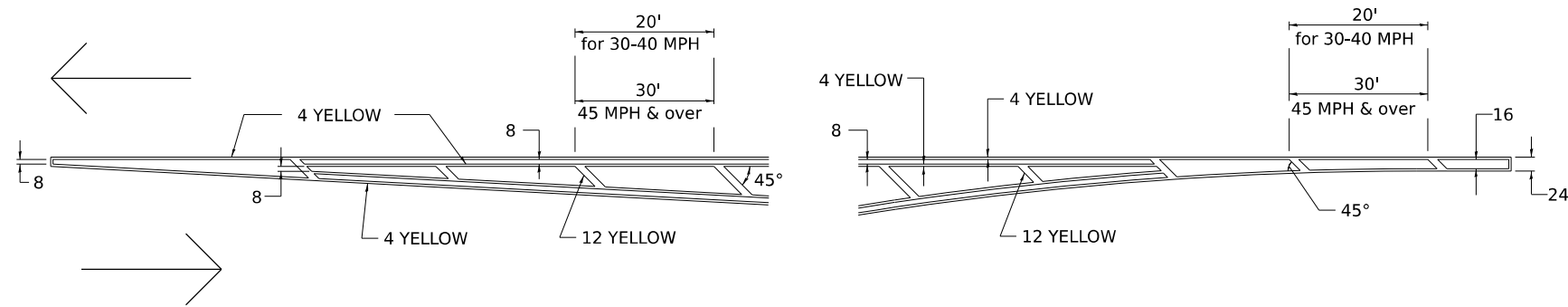
All Illinois Standard signs shall conform to the latest edition of the "Illinois Standard Highway Signs Book" in effect on the date of invitation for bids.

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

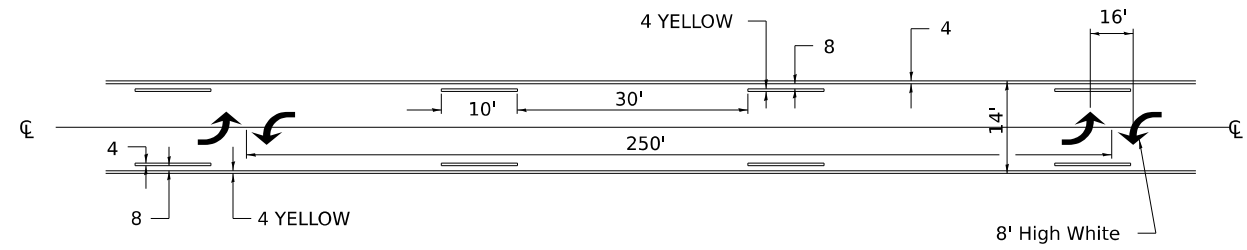
All dimensions are in inches unless otherwise noted.

TYPICAL PAVEMENT MARKINGS

TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN AT LEFT TURN LANE

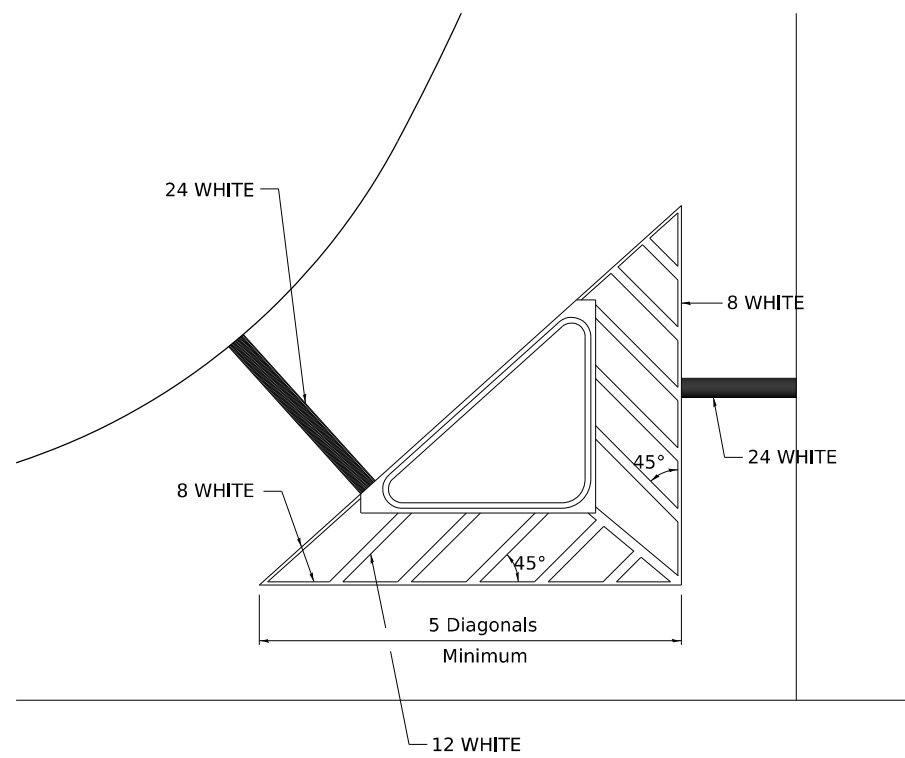


MEDIAN PAVEMENT MARKING



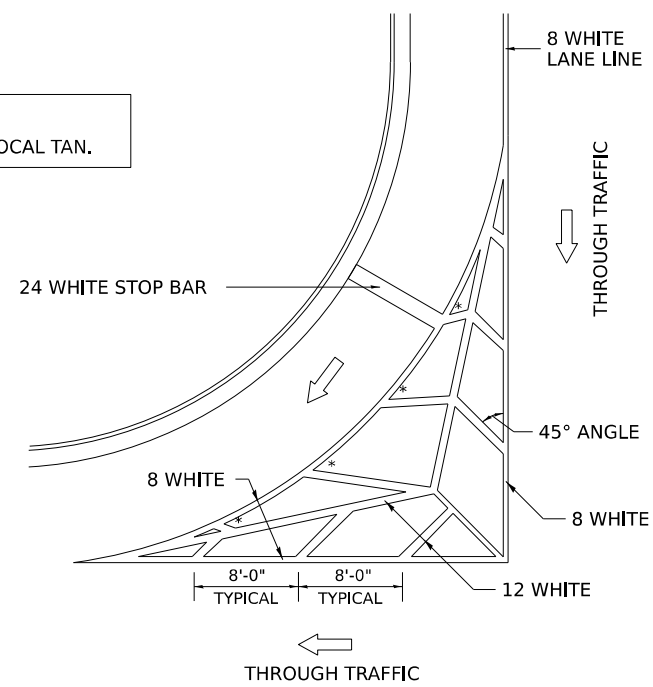
** ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

TYPICAL ISLAND OFFSET SHOULDER WIDTH



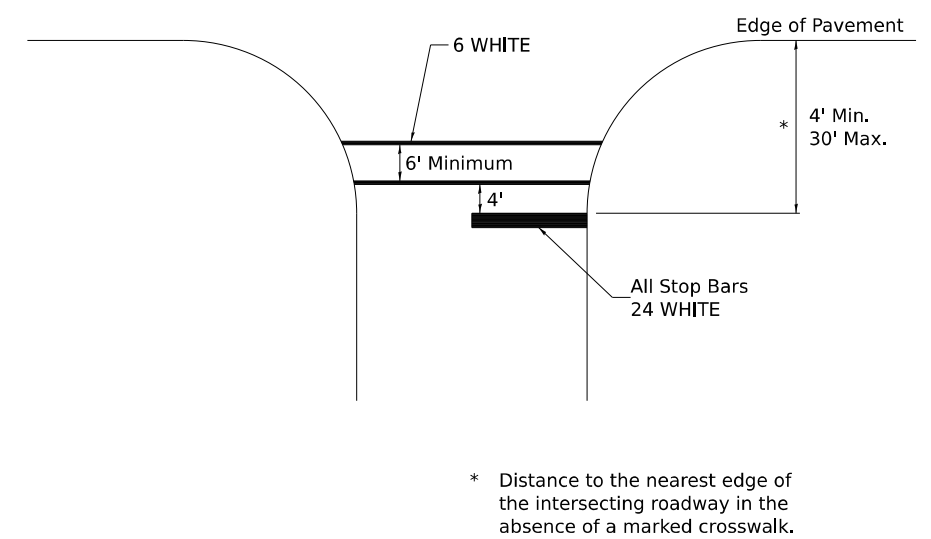
TYPICAL MARKING FOR PAINTED ISLANDS

NOTE:
* 45° TO LOCAL TAN.



STANDARD CROSSWALK MARKING

See Schedules for Locations



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

MODEL: 41pt_Lsheet1
FILE NAME: District 2 Standard
PLOT DATE: 9/20/2023

USER NAME = IDOT/District 2	DESIGNED -	REVISED - 6-27-14
	DRAWN -	REVISED - 3-05-12
PLOT SCALE = 0.083' / in.	CHECKED -	REVISED -
PLOT DATE = 9/20/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

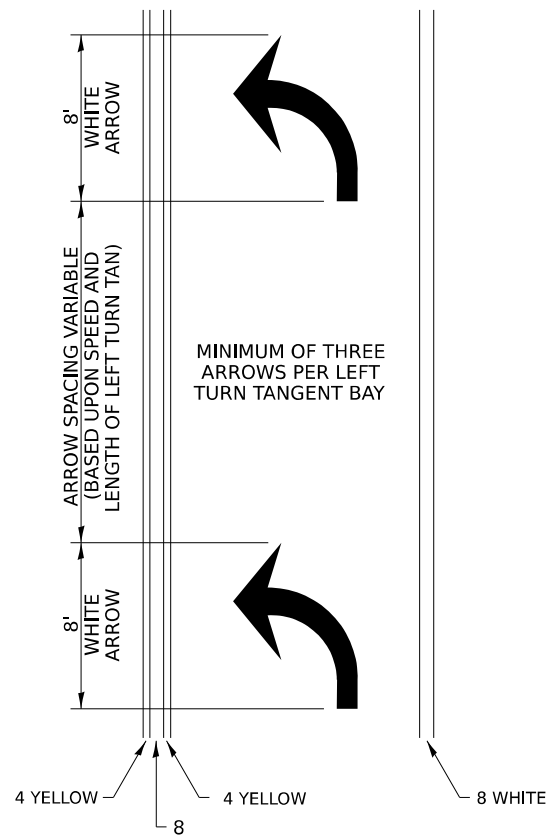
REGION 2 / DISTRICT 2 STANDARD

SCALE: NTS SHEET 1 OF 4 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 55 FAP 742	(37BR-2) & (102B-1R-1)	WINNEBAGO OGLE	30	26
CONTRACT NO. 64S66			ILLINOIS FED. AID PROJECT	

TYPICAL PAVEMENT MARKINGS

ARROW LAYOUT

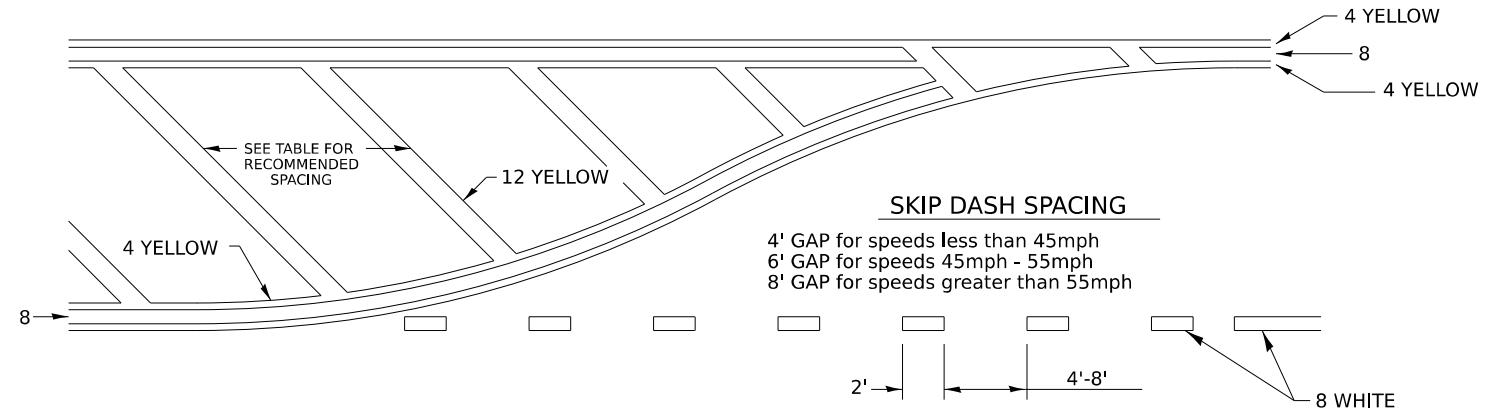


SYMBOLS

- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER
- ◆ TWO-WAY AMBER MARKER

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

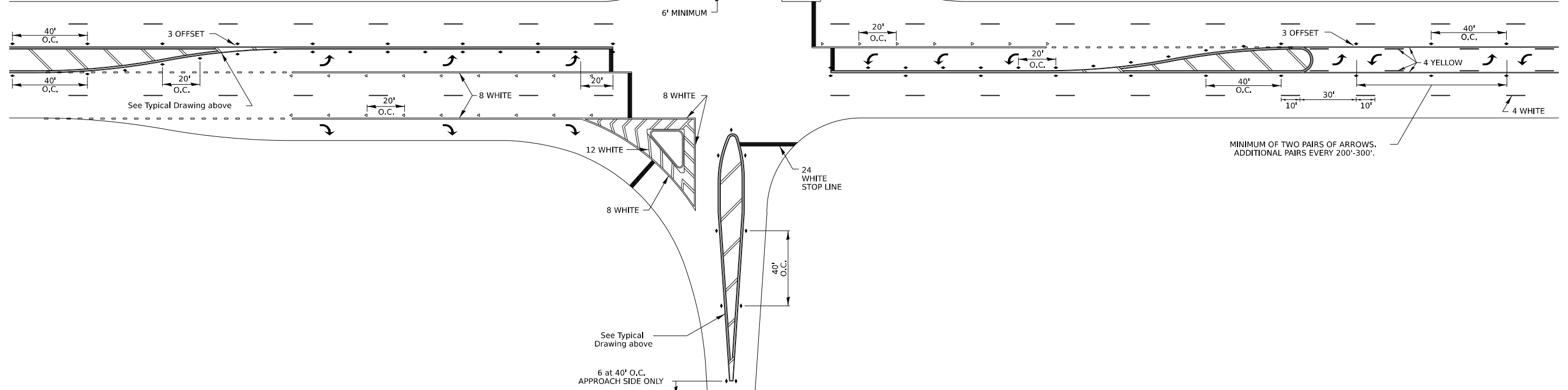
TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN



RECOMMENDED SPACING BETWEEN DIAGONALS (IN FEET)

Speed Limit Range	Continuous Median Area	Intersection Channelization	Objects (Islands)
less than 30MPH	50'	15'	10'
30-40MPH	75'	20'	15'
45MPH & over	75'	30'	20'

NOTE: if the spacing recommended in the Table does not permit at least five diagonal lines in the area being marked, the spacing from the next lowest speed range should be used. The recommended spacing is measured parallel to the pavement center line.



MODEL: 41pt_shead2
FILE NAME: District 2 Standard
PLOT DATE: 9/20/2023

USER NAME = IDOT/District 2	DESIGNED -	REVISED - 6-27-14
	DRAWN -	REVISED - 3-05-12
PLOT SCALE = 0.083" / in.	CHECKED -	REVISED -
PLOT DATE = 9/20/2023	DATE -	REVISED -

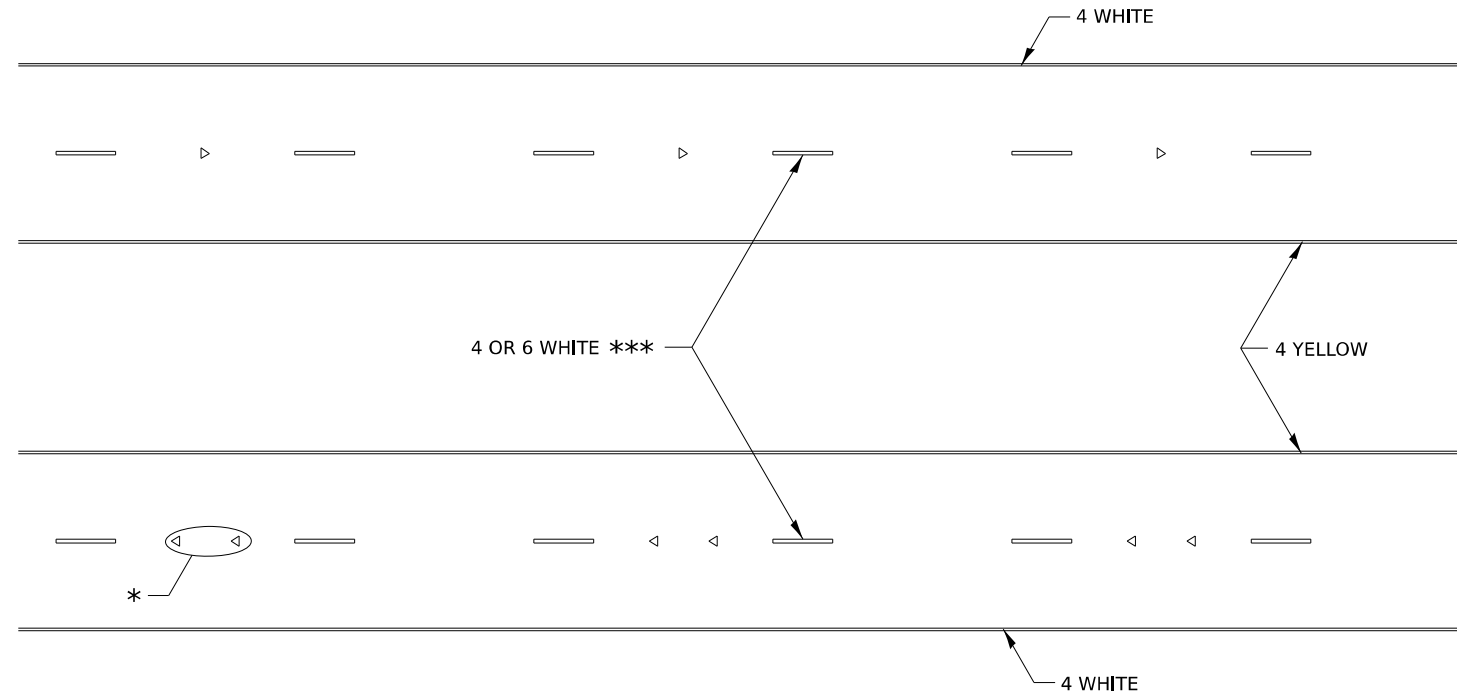
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

SCALE: NTS SHEET 2 OF 4 SHEETS STA. TO STA.

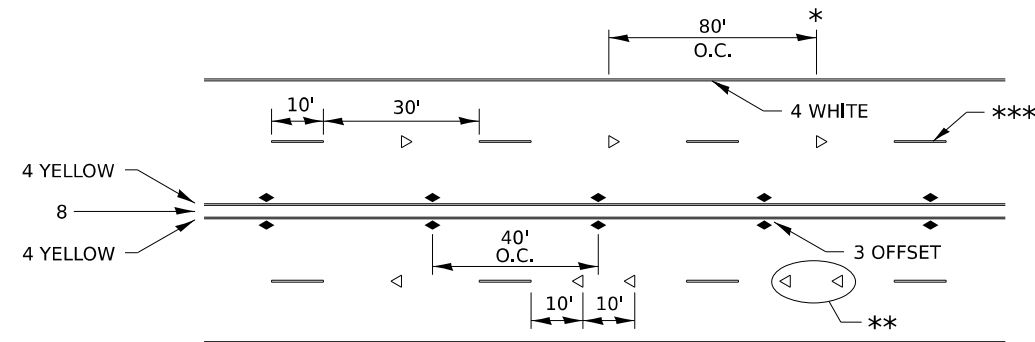
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 55 FAP 742	(37BR-2) & (102B-1R-1)	WINNEBAGO OGLE	30	27
CONTRACT NO. 64S66			ILLINOIS FED. AID PROJECT	

TYPICAL PAVEMENT MARKINGS



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

MULTI-LANE / DIVIDED



* REDUCE TO 40' O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH LOWER THAN POSTED SPEEDS.

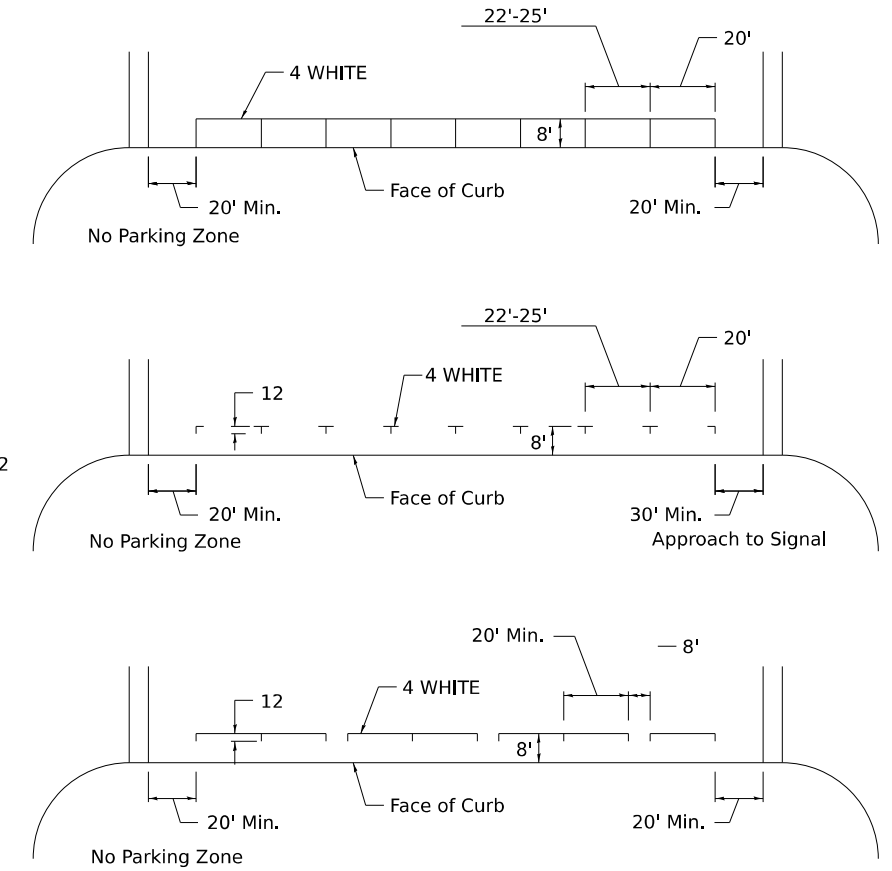
** USE DOUBLE MARKERS WHEN ADT ≥ 20,000

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

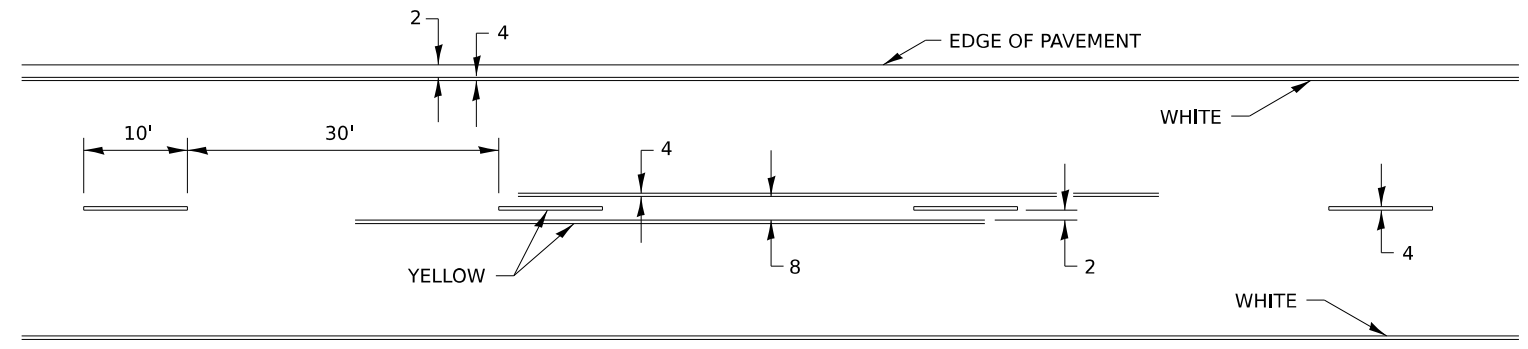
MULTI-LANE / UNDIVIDED & ONE WAY

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

TYPICAL PARKING SPACING



TYPICAL PAVEMENT MARKING FOR TWO LANE SECTION – NO PASSING ZONES



MODEL: 41pt_Lhead3
FILE NAME: District 2 Standard
PLOT DATE: 9/20/2023

USER NAME = IDOT/District 2	DESIGNED -	REVISED - 6-27-14
	DRAWN -	REVISED - 8-27-13
PLOT SCALE = 0.083' / in.	CHECKED -	REVISED - 11-28-12
PLOT DATE = 9/20/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

SCALE: NTS SHEET 3 OF 4 SHEETS STA. TO STA.

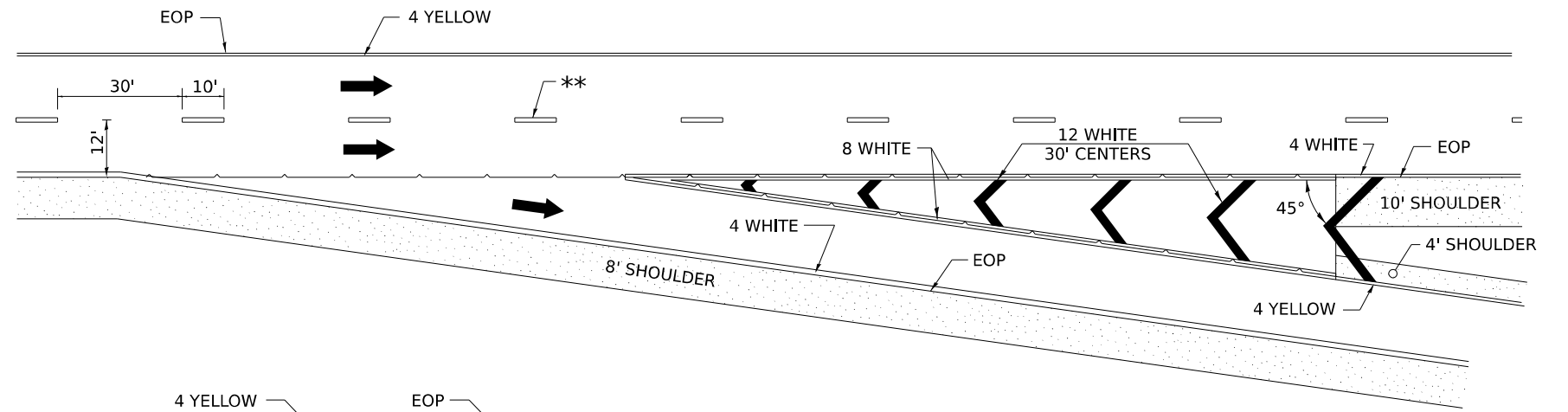
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 55 FAP 742	(37BR-2) & (102B-1R-1)	WINNEBAGO OGLE	30	28
ILLINOIS FED. AID PROJECT			CONTRACT NO. 64S66	

TYPICAL PAVEMENT MARKINGS

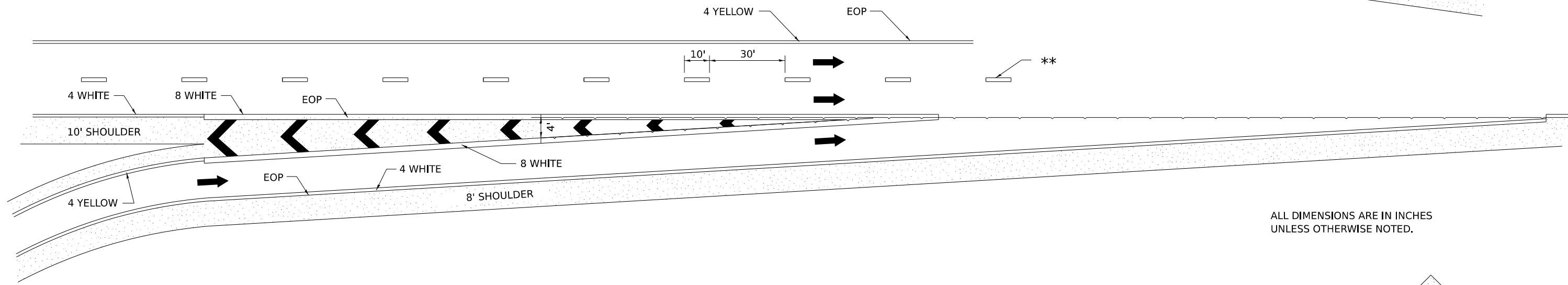
** 6" WHITE ON INTERSTATES, WHERE THE SPPED LIMIT IS 65 MPH, OR WHEN DIRECTED BY THE ENGINEER.
4" WIDE AT ALL OTHER LOCATIONS.

NOTE: GORE HATCHING PLACED ONLY WHEN SCHEDULED IN THE PLANS

EXIT RAMP

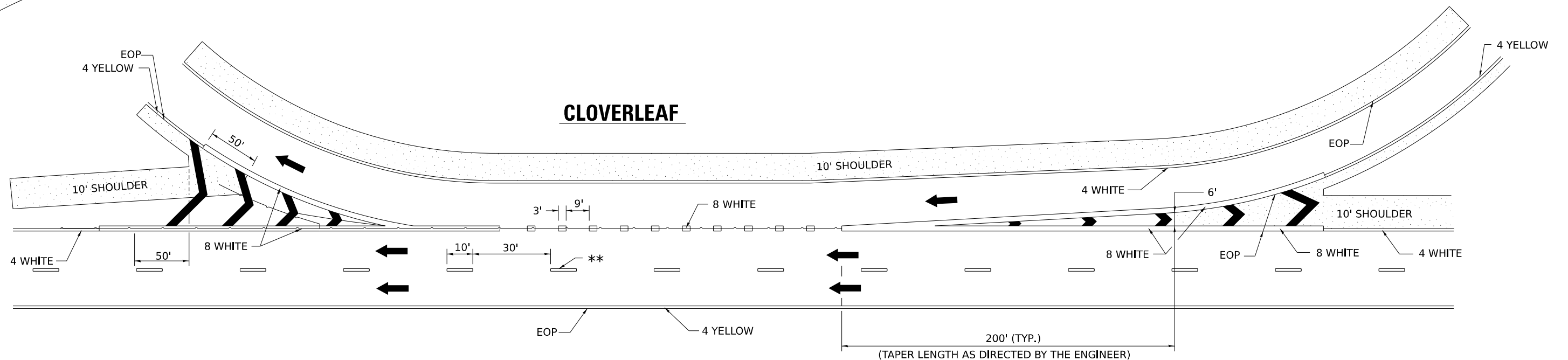


ENTRANCE RAMP



ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

CLOVERLEAF



MODEL: 41pt_sheets
FILE NAME: District 2 Standard
PLOT DATE: 9/20/2023

USER NAME = IDOT/District 2	DESIGNED -	REVISED - 9-15-23
	DRAWN -	REVISED - 8-27-13
PLOT SCALE = 0.083' / in.	CHECKED -	REVISED - 10-18-11
PLOT DATE = 9/20/2023	DATE -	REVISED -

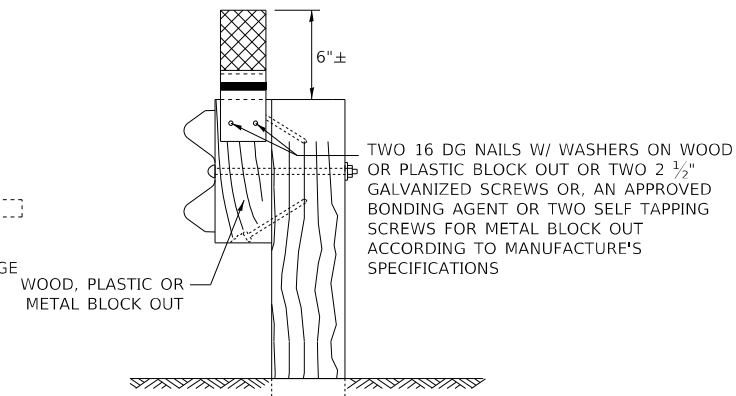
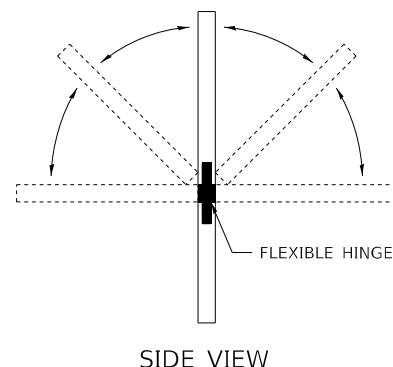
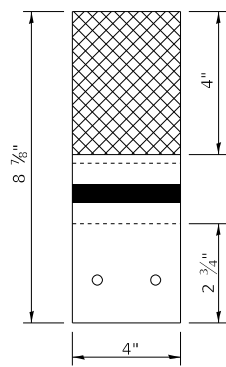
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

SCALE: NTS SHEET 4 OF 4 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 55 FAP 742	(37BR-2) & (102B-1R-1)	WINNEBAGO OGLE	30	29
ILLINOIS FED. AID PROJECT			CONTRACT NO. 64S66	

GUARDRAIL AND BARRIER WALL REFLECTORS, TYPE C (SPECIAL)

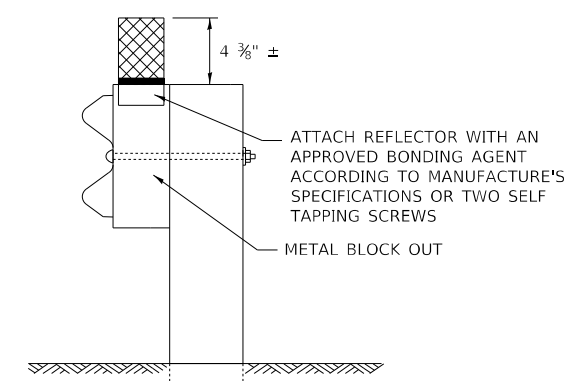
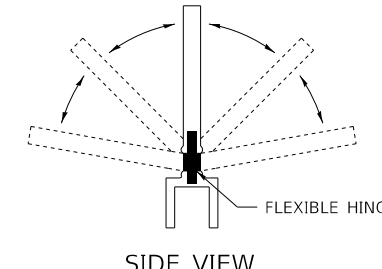
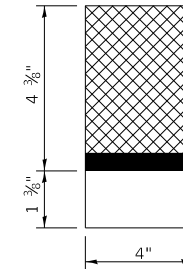


REFLECTORS SHALL BE MOUNTED DIRECTLY TO WOOD OR PLASTIC BLOCK OUTS.

REFLECTORS MOUNTED ON WOODEN OR PLASTIC BLOCK OUT SHALL BE MOUNTED USING TWO 16 DG NAILS AND TWO 3/16" WASHERS OR TWO 2 1/2" GALVANIZED SCREWS WITH WASHERS.

MOUNTED ON A WOOD OR PASTIC GUARDRAIL BLOCK OUT

REFLECTORS MOUNTED ON WOOD OR PLASTIC GUARDRAIL BLOCK OUT



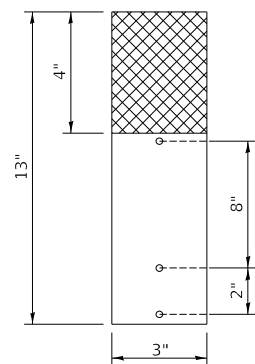
REFLECTORS SHALL BE MOUNTED DIRECTLY TO METAL BLOCK OUT.

REFLECTORS MOUNTED ON METAL BLOCK OUT SHALL BE MOUNTED USING AN APPROVED BONDING AGENT PER THE MANUFACTURE'S SPECIFICATIONS OR TWO SELF TAPPING GALVANIZED SCREWS WITH WASHERS.

MOUNTED ON A METAL GUARDRAIL BLOCK OUT

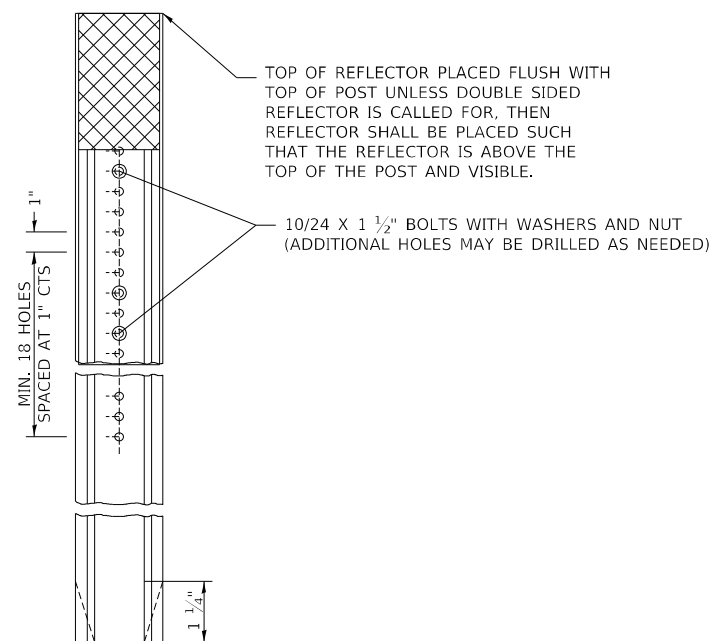
REFLECTORS MOUNTED ON METAL GUARDRAIL BLOCK OUT

STRAIGHT GUARDRAIL / DELINEATOR REFLECTOR



SIDE VIEW

ADDITIONAL SHEETING MAY BE ADDED AS NEEDED FOR TURN AROUNDS AS SHOWN IN THE PLANS



TOP OF REFLECTOR PLACED FLUSH WITH TOP OF POST UNLESS DOUBLE SIDED REFLECTOR IS CALLED FOR, THEN REFLECTOR SHALL BE PLACED SUCH THAT THE REFLECTOR IS ABOVE THE TOP OF THE POST AND VISIBLE.

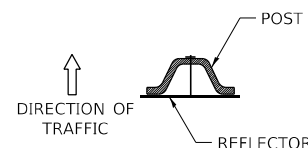
10/24 X 1 1/2" BOLTS WITH WASHERS AND NUT (ADDITIONAL HOLES MAY BE DRILLED AS NEEDED)

MIN. 18 HOLES SPACED AT 1" CTS

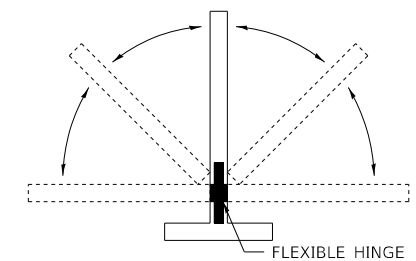
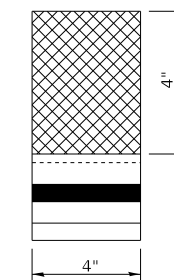
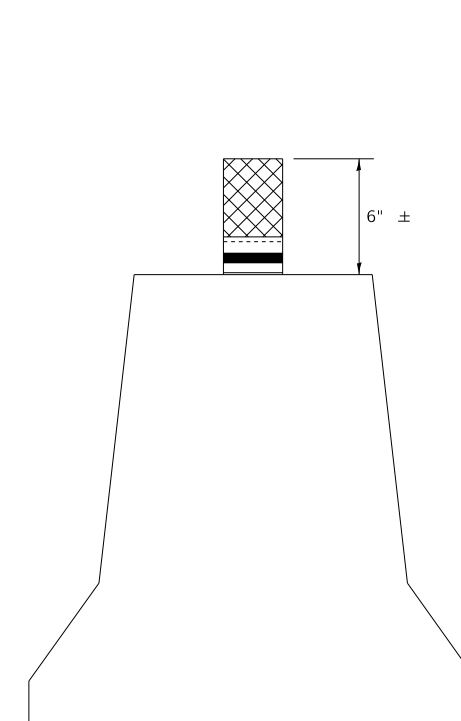
MOUNTED ON A DELINEATOR POST

REFLECTORS MAY BE MOUNTED TO DELINEATOR POST USING TWO 10/24 X 1 1/2" BOLTS WITH NUTS AND WASHERS.

ADDITIONAL HOLES SHALL BE DRILLED IN THE REFLECTORS AS SHOWN ABOVE.



DELINEATORS SHALL BE INSTALLED ACCORDING TO STANDARD 635001 EXCEPT THAT THE POST SHALL BE ROTATED 180°. THE POST WILL HAVE THE WIDE SIDE FACING TRAFFIC AND THE REFLECTOR ATTACHECD AS SHOWN ABOVE.



SIDE VIEW

NOTE:

REFLECTORS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR GUARDRAIL REFLECTORS, TYPE C (SPECIAL), WHICH PRICE SHALL ALSO INCLUDE SCREWS/NAILS, WASHERS OR AN APPROVED BONDING AGENT.

REFLECTORS INSTALLED ON TWO LANE ROADS SHALL BE DOUBLE SIDED AND BOTH SIDES SHALL BE CRYSTAL.

REFLECTORS INSTALLED ON CENTER BARRIER SHALL BE DOUBLE SIDE AND BOTH SIDES SHALL BE AMBER.

REFLECTORS INSTALLED ON DIVIDED HIGHWAYS SHALL BE SINGLE SIDED CRYSTAL.

SPACING FOR REFLECTORS SHALL BE ACCORDING TO STANDARD 782006 UNLESS OTHERWISE NOTED IN THE PLANS.

REFLECTORS MOUNTED ON BARRIER WALL

FILE NAME: District 2 Standard	USER NAME = IDOT/District 2	DESIGNED -	REVISED - 4-27-23	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1,0000' / in.	DRAWN -	REVISED - 6-21-21					FAS 55	(37BR-2) & (102B-1R-1)	WINNEBAGO OGLE	30	30
	PLOT DATE = 5/17/2023	CHECKED -	REVISED -		SCALE: NTS	SHEET OF SHEETS	STA. TO STA.	CONTRACT NO. 64S66				
								ILLINOIS FED. AID PROJECT				