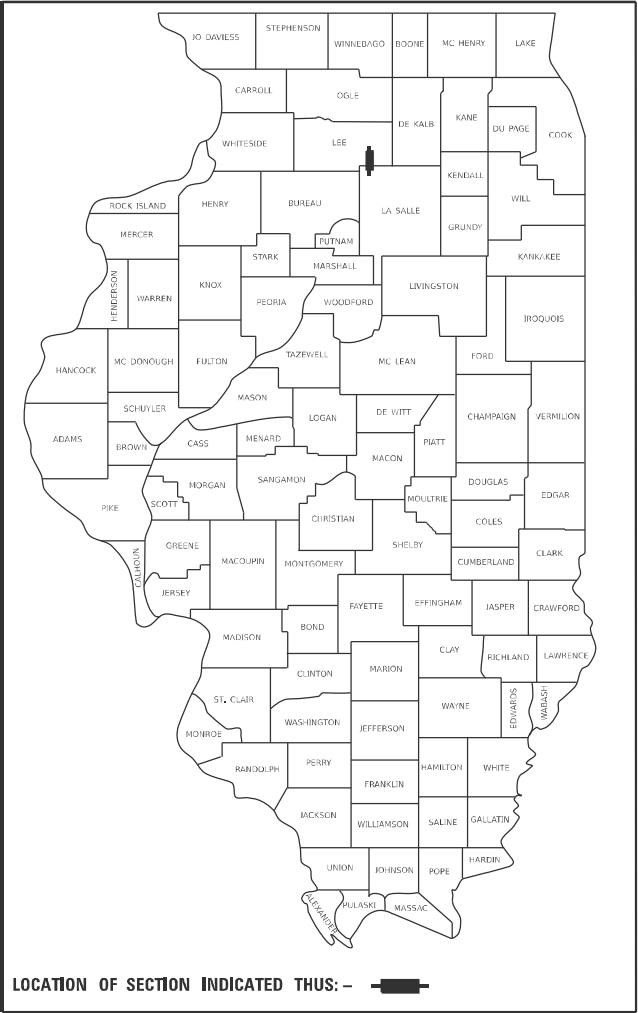


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1177	(111BR-1)BDR	LEE	30	1
		ILLINOIS	CONTRACT NO. 64T96	

D-92-070-25



LOCATION OF SECTION INDICATED THUS: - [black rectangle] -

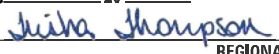


161 NORTH CLARK STREET
SUITE 2975
CHICAGO, IL 60601
312-634-6201


DESIGN FIRM - PROF/STRUCT ENGINEER
IL LIC. 184.005283-0006

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION


SUBMITTED August 11 20 25


REGIONAL ENGINEER

October 3 20 25


ENGINEER OF DESIGN AND ENVIRONMENT

October 3 20 25


DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

PROPOSED
HIGHWAY PLANS

FAS ROUTE 1177 (IL 251)
SECTION (111BR-1)BDR
PROJECT
REPAIR OF STRUCTURE SN 052-0068
CARRYING IL 251 OVER BUREAU CREEK
LEE COUNTY

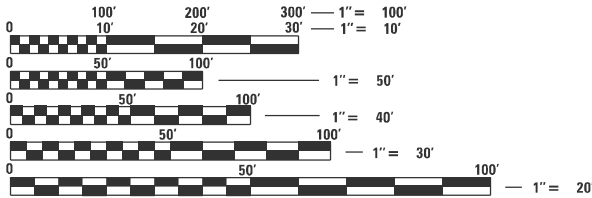
C-92-196-24

BROOKLYN TOWNSHIP
T37N R1E, SECTIONS 32 & 33

IMPROVEMENTS BEGINS
Sta. 2024 + 75.00

BRIDGE REPAIRS
EXIST SN 052-0068

IMPROVEMENTS ENDS
Sta. 2027 + 88.90

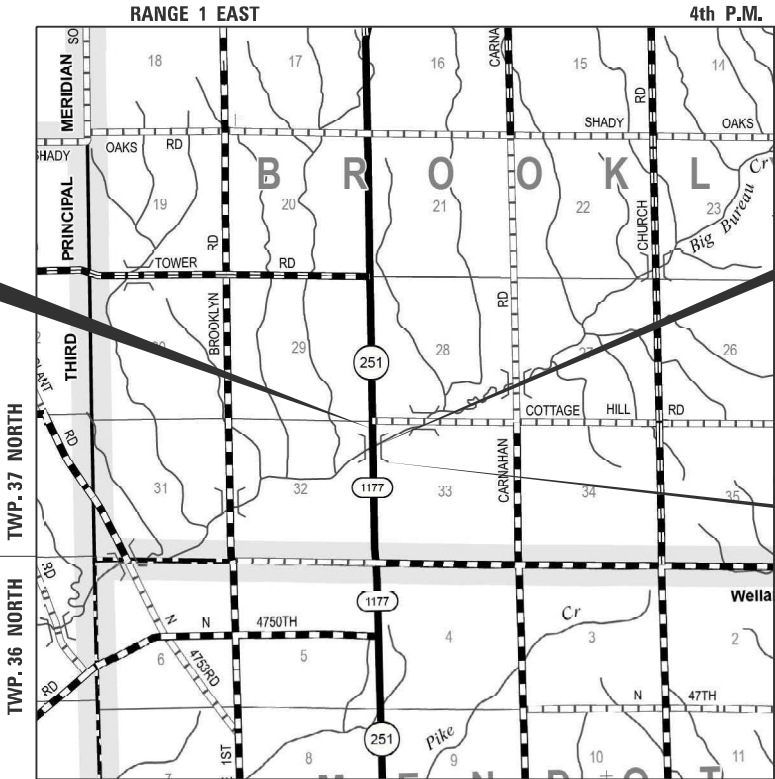


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD
ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT
CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS
ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: JAMES R. PUSH, PE
PROJECT MANAGER: DERRICK LOPEZ, PE

CONTRACT NO. 64T96



GROSS LENGTH = 313.90 FT. = 0.059 MILE
NET LENGTH = 313.90 FT. = 0.059 MILE



JAMES R. PUSH, P.E.
LICENSE NO.: 062-048736
EXPIRES: NOVEMBER 30, 2025

DATE: 08/06/2025

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	DRAWN - JRP	REVISED -
	CHECKED - JRP	REVISED -
PLOT DATE = 6/20/2025	DATE - 08/06/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS, STATE STANDARDS & GENERAL NOTES
IL 251 OVER BUREAU CREEK

SCALE: N.T.S. SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1177	(111BR-1)BDR	LEE	30	2
CONTRACT NO. 64T96				
ILLINOIS FED. AID PROJECT				

INDEX OF SHEETS

1	COVER SHEET
2	INDEX OF SHEETS, STATE STANDARDS & GENERAL NOTES
3 - 5	SUMMARY OF QUANTITIES
6 - 7	SCHEDULES
8 - 12	MAINTENANCE OF TRAFFIC PLANS
13	REMOVAL PLAN
14	ROADWAY PLAN
15 - 19	STRUCTURE REPAIR PLANS SN 052-0078
22	PAVEMENT MARKING PLAN
21 - 24	WORK ZONE SIGN DETAILS (DISTRICT STD 34.1)
25 - 29	TYPICAL PAVEMENT MARKINGS (DISTRICT STD 41.1)
30	REFLECTORS (SPECIAL) (DISTRICT STD 55.1)

STATE STANDARDS

000001-09	STANDARDS SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMALS OF AN INCH AND OF A FOOT
630001-13	STEEL PLATE BEAM GUARDRAIL
630301-09	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631031-18	TRAFFIC BARRIER TERMINAL, TYPE 6
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 M) AWAY
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 M) TO 24"(600 MM) 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
701321-19	LANE CLOSURE, 2L, 2W, BRIDGE REPAIR WITH BARRIER
701901-11	TRAFFIC CONTROL DEVICES
704001-08	TEMPORARY CONCRETE BARRIER
725001-01	OBJECT AND TERMINAL MARKERS
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAIL

GENERAL NOTES

ALL BORROW/WASTE/USE SITES MUST BE APPROVED BY THE DEPARTMENT PRIOR TO REMOVING ANY MATERIAL FROM THE PROJECT OR INITIATING ANY EARTHMOVING ACTIVITIES, INCLUDING TEMPORARY STOCKPILING OUTSIDE THE LIMITS OF CONSTRUCTION.

THE CONTRACTOR SHALL SUBMIT A SEQUENCE OF CONSTRUCTION OPERATIONS TO THE RESIDENT ENGINEER FOR APPROVAL BEFORE THIS PROJECT IS STARTED.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY DURING CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. A MINIMUM OF 48 HOURS ADVANCE NOTICE IS REQUIRED FOR NON-EMERGENCY WORK. THE JULIE NUMBER IS 800-892-0123.

IDOT IS NOT A MEMBER OF JULIE. IF YOU ARE NEAR ANY OVERHEAD LIGHTING, INTERSECTION LIGHTING OR TRAFFIC SIGNALS, CONTACT THE IDOT TRAFFIC OFFICE AT 815-284-5469 AT LEAST 48 HOURS PRIOR TO WORK.

NO STREAM PERMITS HAVE BEEN PROCURED FOR THIS PROJECT. NONE ARE REQUIRED FROM THE REGULATORY AGENCIES IF THERE IS NO DEBRIS FALLING OR BEING PLACED INTO THE STREAM. ANY TEMPORARY FILL IN THE STREAM OR THE COMPROMISING OF THE DIKE (IF APPLICABLE) WILL NOT BE ALLOWED. IF THE CONTRACTOR CHOOSES TO USE ALTERNATE/MODIFIED CONSTRUCTION METHOD(S), THEY WILL BE RESPONSIBLE FOR OBTAINING THE PROPER PERMITS. NO RELIEF OR COMPENSATION WILL BE GIVEN FOR ANY DELAYS, WORKING DAYS CHARGED OR CALENDAR DAYS EXPIRED DUE TO THE LOSS OF TIME OR DELAY DURING THE RE-SUBMITTAL PROCESS TO PROCURE THE NECESSARY PERMIT(S) DUE TO THE CONTRACTOR CHOOSING ALTERNATE/MODIFIED CONSTRUCTION METHOD(S). ABSOLUTELY NO CONSTRUCTION ACTIVITIES WILL TAKE PLACE WITHOUT THE PROPER PERMITS BEING SECURED.

ALL ELEVATIONS SHOWN IN PLANS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).

THERE ARE NO COMMITMENTS ASSOCIATED WITH THIS PROJECT.

IDOT DISTRICT 2 OPERATIONS TRAFFIC SIGNAL SECTION SHALL BE CONTACTED AT 815-284-5474 FOR CONTROLLER PROGRAMMING AND TIMING APPROVAL PRIOR TO ACTIVATING THE TEMPORARY BRIDGE TRAFFIC SIGNALS.

RELOCATE TEMPORARY IMPACT ATTENUATORS SHALL INCLUDE STORAGE AND TRANSPORTATION TO AND FROM STORAGE, WHEN THE DEVICE IS NOT NEEDED FOR A TIME, AS SHOWN ON THE STAGING PLANS. THIS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER EACH FOR IMPACT ATTENUATORS, RELOCATE OF THE TYPE SPECIFIED.

WHEN RELOCATE TEMPORARY CONCRETE BARRIER IS SPECIFIED, THE WALL SHALL BE REMOVED, STORAGE AND TRANSPORTATION TO AND FROM STORAGE, WHEN THE WALL IS NOT NEEDED FOR A TIME AS SHOWN ON THE STAGING PLANS, RELOCATED AND REINSTATED AT THE NEW LOCATION. THE REINSTALLATION REQUIREMENTS SHALL BE THE SAME AS THOSE FOR A NEW INSTALLATION. THIS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR RELOCATE TEMPORARY CONCRETE BARRIER.

ALL SAW CUTS NECESSARY TO COMPLETE THE WORK DETAILED IN THESE PLANS SHALL BE INCLUDED IN THE COST FOR THE VARIOUS PAY ITEMS INVOLVED.

PAVEMENT MARKING SHALL BE DONE ACCORDING TO STANDARD 780001, EXCEPT AS FOLLOWS:

- ALL WORDS, SUCH AS ONLY, SHALL BE 8 FEET HIGH.
- ALL NON-FREEWAY ARROWS SHALL BE THE LARGE SIZE.
- THE DISTANCE BETWEEN YELLOW NO-PASSING LINES SHALL BE 8 INCHES, NOT 7 INCHES, AS SHOWN IN THE DETAIL OF TYPICAL LANE AND EDGE LINES.
- CENTERLINE SKIP DASH PAVEMENT MARKING ON MULTI-LANE DIVIDED, MULTI-LANE UNDIVIDED, AND ONE-WAY ROADWAY SHALL BE ACCORDING TO DISTRICT STANDARD 41.1.

UNLESS DIRECTED BY THE ENGINEER, PAVEMENT MARKING LINES SHALL NOT BE LAID DIRECTLY OVER A LONGITUDINAL CRACK OR JOINT NOR OVER A TAR OR ASPHALT PAINTED LINE.

- THE EDGE OF A CENTERLINE OR LANE LINE SHALL BE OFFSET A MINIMUM DISTANCE OF 2" FROM A LONGITUDINAL CRACK OR JOINT.
- EDGE LINES SHALL BE APPROXIMATELY 2" FROM THE EDGE LINE OF PAVEMENT. SEE SECTION 780 OF THE STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS.

AREAS OF DECK REPAIRS SHOWN ARE ESTIMATED. THE ENGINEER SHALL SHOW ACTUAL LOCATIONS OF DECK REPAIRS ON AS-BUILT PLANS.

THE QUANTITIES INCLUDED IN THE PLANS FOR HOT-MIX ASPHALT RESURFACING ARE INTENDED TO GIVE THE COVERAGE SHOWN ON THE TYPICAL CROSS SECTIONS. IT IS NOT INTENDED TO INCREASE THE THICKNESS OF THE HOT-MIX ASPHALT MIXTURE IN ORDER TO USE ALL OF THE QUANTITIES INCLUDED IN THE CONTRACT.

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

MIXTURE USE(S):	HMA SURFACE CSE	HMA SHOULDERS
AC TYPE:	PG 58 -28	PG 58 -28
DESIGN AIR VOIDS:	4.0% @ N DESIGN - 50	4.0% @ N DESIGN - 50
MIXTURE COMPOSITION:	IL 9.5	IL 19.0
FRICTION AGGREGATE:	C	N/A
QUALITY MANAGEMENT PROGRAM:	112 LB/SY/IN	N/A
MIX WEIGHT	QC / QA	QC / QA
SUBLOT SIZE:	N / A	N / A
MATERIAL TRANSFER DEVICE:	N / A	N / A

POLYMERIZED BITUMINOUS MATERIALS (TACK COAT) - APPLICATION RATES *	
SURFACE TYPE	RESIDUAL RATE
MILLED (HMA - PCC)	0.05 LB/SQ FT
EXISTING PAVEMENT	0.05 LB/SQ FT
FOG COAT (BETWEEN LIFTS)	0.05 LB/SQ FT

* Polymer tack shall be SS-1hP, CSS-1hP, or NTEA listed material

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				LEE COUNTY	
				FUNDING: 100% STATE	
				ROADWAY 0006	BRIDGE 0059
				ROADWAY	SN 052-0068
40602978	HOT-MIX ASPHALT BINDER COURSE, IL- 9.5, N50	TON	16	16	
40604050	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50	TON	51	51	
40800031	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	POUND	434	434	
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	596	596	
50300300	PROTECTIVE COAT	SQ YD	805		805
58700300	CONCRETE SEALER	SQ FT	846		846
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	4	4	
* 63100169	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	EACH	4	4	
63200310	GUARDRAIL REMOVAL	FOOT	300	300	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	4	4	
67100100	MOBILIZATION	L SUM	1	1	
70100405	TRAFFIC CONTROL AND PROTECTION, STANDARD 701321	EACH	1	1	
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1	
70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	1	1	

* DENOTES SPECIALTY ITEM



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
IL 251 OVER BUREAU CREEK

SCALE: N.T.S. SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1177	(111BR-1)BDR	LEE	30	3
CONTRACT NO. 64T96				
ILLINOIS FED. AID PROJECT				

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				LEE COUNTY FUNDING: 100% STATE	
				ROADWAY 0006	BRIDGE 0059
				ROADWAY	SN 052-0068
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	1,036	1,036	
70307120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	FOOT	2,950	2,950	
70307210	TEMPORARY PAVEMENT MARKING - LINE 24"- TYPE IV TAPE	FOOT	24	24	
70400100	TEMPORARY CONCRETE BARRIER	FOOT	600.0	600.0	
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	512.5	512.5	
70600250	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3	EACH	2	2	
70600251	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	1	1	
70600350	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 3	EACH	1	1	
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	4	4	
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	7,880	7,880	
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	378	378	
X5030250	BRIDGE DECK GROOVING (LONGITUDINAL)	SQ YD	480		480
* X7820007	GUARDRAIL REFLECTORS, TYPE C (SPECIAL)	EACH	12	12	
* X7820008	BARRIER WALL REFLECTORS (SPECIAL)	EACH	2	2	

* DENOTES SPECIALTY ITEM



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	CHECKED - JRP	REVISED -
PLOT DATE = 6/20/2025	DATE - 08/06/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
IL 251 OVER BUREAU CREEK

SCALE: N.T.S. SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1177	(111BR-1)BDR	LEE	30	4
CONTRACT NO. 64T96				
ILLINOIS FED. AID PROJECT				

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PLOT DATE = 6/20/2025	DATE - 08/06/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES IL 251 OVER BUREAU CREEK

SCALE: N.T.S.	SHEET 3	OF 3	SHEETS	STA.	TO STA.
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1177	(111BR-1)BDR	LEE	30	5
		CONTRACT NO. 64T96		
ILLINOIS		FED. AID PROJECT		

REV. 8/19/25

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LOCATION			70300150	70307120	70307210	70400100	70400200	70600250	70600251	70600350	78001110	78300202
			SHORT TERM PAVEMENT MARKING REMOVAL	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE	TEMPORARY CONCRETE BARRIER	RELOCATE TEMPORARY CONCRETE BARRIER	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE, NARROW), TEST LEVEL 3	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 3	PAINT PAVEMENT MARKING - LINE 4"	PAVEMENT MARKING REMOVAL - WATER BLASTING
STA.	STA.	OFFSET	SQ FT	FOOT	FOOT	FOOT	FOOT	EACH	EACH	EACH	FOOT	SQ FT
STAGE 1 MOT												
2023+26	2024+64	12' LT										46
2027+88	2029+38	12' LT										50
2021+64	2030+90	CL										78
2023+26	2029+38	12' RT										204
2021+66		RT			12							
2022+26	2023+98	12' LT - 5' RT	58	173								
2023+98	2028+66	5' RT	156	468								
2028+66	2030+82	5' RT - 12' LT	73	217								
2023+26	2023+98	12' RT - 16' RT	25	73								
2023+98	2028+66	16' LT	156	468								
2028+66	2029+38	16' RT - 12' RT	25	73								
2030+98		LT			12							
2023+36.11		6.44' LT						1				
2023+36.11	2024+48.29	6.44' LT - 2' RT				112.5						
2024+48.29	2028+23.29	2' RT				375.0						
2028+23.29	2029+35.47	2' RT - 6.44' LT				112.5						
2029+35.47		6.44' LT						1				
STAGE 2 MOT												
2021+66		RT	24									
2021+64	2023+92	12' RT - 5' LT	77	229								
2023+92	2028+66	5' LT	158	474								
2028+66	2030+38	5' LT - 12' RT	58	173								
2023+38	2023+92	12' LT - 17' LT	19	55								
2023+92	2028+66	17' LT	158	474								
2028+66	2029+38	17' LT - 12' LT	25	73								
2030+98		LT	24									
2024+18.38		0.94' LT							1			
2024+18.38	2024+43.36	0.94' LT 2' LT					25.0					
2024+43.36	2028+15.72	2' LT					375.0					
2028+15.72	2029+27.90	2' LT - 6.24' RT					112.5					
2029+27.90		6.24' RT								1		
Post-Stage												
2021+40	2031+25	12' LT									985	
2021+40	2031+25	CL									1970	
2021+40	2031+25	12' RT									985	
TOTAL			1036	2950	24	600.0	512.5	2	1	1	3940	378
											2nd APPLICATION	3940
											TOTAL	7880



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES
IL 251 OVER BUREAU CREEK

SCALE: N.T.S. SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1177	(111BR-1)BDR	LEE	30	6
CONTRACT NO. 64T96				
ILLINOIS FED.AID PROJECT				

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LOCATION						40603080	40604050	40800031	44000155
						HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
STA.	STA.	OFFSET	LANE	WIDTH		TON	TON	POUND	SQ YD
2024+75.0	2025+32.8	12' - 20'	LT	SHOULDER	8	1.5	4.4	40	51.4
2024+75.0	2025+38.5	CL - 12'	LT	NB	12	2.3	7.2	63	84.8
2024+75.0	2025+45.5	CL - 12'	RT	SB	12	2.3	7.9	67	94.0
2024+75.0	2025+51.2	12' - 20'	RT	SHOULDER	8	1.5	5.7	47	67.8
2027+12.8	2027+88.9	13'-20'	LT	SHOULDER	8	1.5	5.7	47	67.8
2027+18.5	2027+88.9	13'-20'	LT	NB	12	2.3	7.9	67	93.9
2027+25.5	2027+88.9	13'-20'	RT	SB	12	2.3	7.2	63	84.7
2027+31.2	2027+88.9	13'-18'	RT	SHOULDER	8	1.5	4.4	40	51.3
TOTAL						15.2	50.4	434	595.7
USE						16	51	434	596

LOCATION			63100085	63100169	63200310	72501000	X7820007	X7820007
			TRAFFIC BARRIER TERMINAL, TYPE 6	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	GUARDRAIL REMOVAL	TERMINAL MARKER - DIRECT APPLIED	GUARDRAIL REFLECTORS, TYPE C (SPECIAL)	BARRIER WALL REFLECTORS (SPECIAL)
STA.	STA.	LOC.	EACH	EACH	FOOT	EACH	EACH	EACH
2023+65.30	2024+02.80	LT	1		37.5			
2025+24.00	2025+61.50	LT		1	37.5	1		
2026+78.50	2027+16.00	LT		1	37.5	1		
2028+49.80	2028+87.30	LT	1		37.5			
2023+65.30	2028+87.30	LT					6	1
2023+99.20	2024+36.70	RT	1		37.5			
2025+48.00	2025+85.50	RT		1	37.5	1		
2027+33.50	2027+71.00	RT		1	37.5	1		
2028+49.10	2028+86.60	RT	1		37.5			
2023+99.20	2028+86.60	RT					6	1
TOTAL			4	4	300	4	12	2



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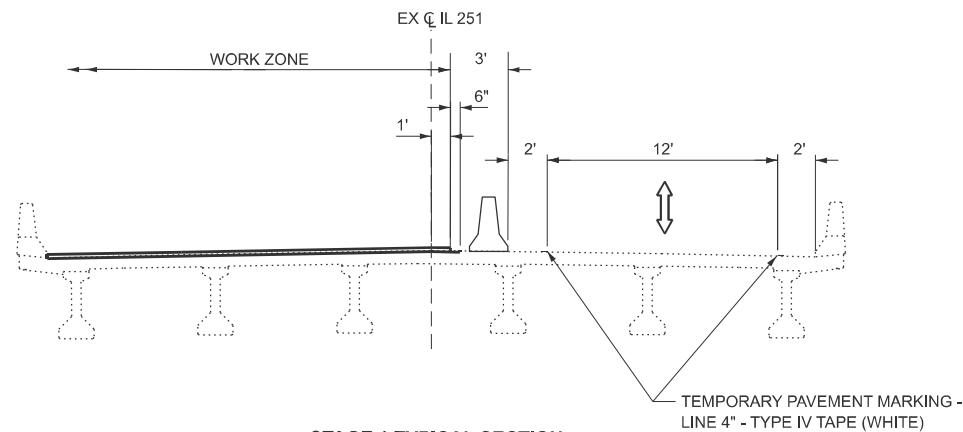
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES
IL 251 OVER BUREAU CREEK

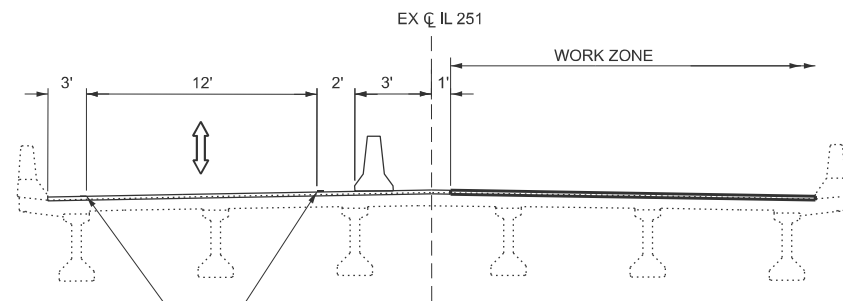
SCALE: N.T.S. SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1177	(111BR-1)BDR	LEE	30	7
CONTRACT NO. 64T96				
ILLINOIS FED. AID PROJECT				

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STAGE 1 TYPICAL SECTION
STA. 2021+78 TO STA. 2030+86
(LOOKING SOUTH)



TEMPORARY PAVEMENT MARKING -
LINE 4" - TYPE IV TAPE (WHITE)

STAGE 2 TYPICAL SECTION
STA. 2021+78 TO STA. 2030+86
(LOOKING SOUTH)

STAGE CONSTRUCTION NOTES

STAGE 1 TRAFFIC
CLOSE NORTHBOUND LANE TRANSITIONING NORTHBOUND AND SOUTHBOUND TRAFFIC INTO THE SOUTHBOUND LANE AND SHOULDER USING HIGHWAY STANDARD 701321 AND AS DETAILED IN THE MAINTENANCE OF TRAFFIC STAGE 1 TYPICAL SECTION AND PLANS.

STAGE 1 CONSTRUCTION
CONSTRUCT BRIDGE REHABILITATION AND BRIDGE APPROACH WORK ON NORTHBOUND LANE AS DETAILED IN THE STRUCTURAL PLANS. CONSTRUCT NORTHBOUND SHOULDER IMPROVEMENTS AND NORTHBOUND ROADWAY PAVEMENT IMPROVEMENTS AS DETAILED IN THE PLANS. CONSTRUCT GUARDRAIL IMPROVEMENTS ON NORTHBOUND SIDE OF ROADWAY AS DETAILED IN THE PLANS.

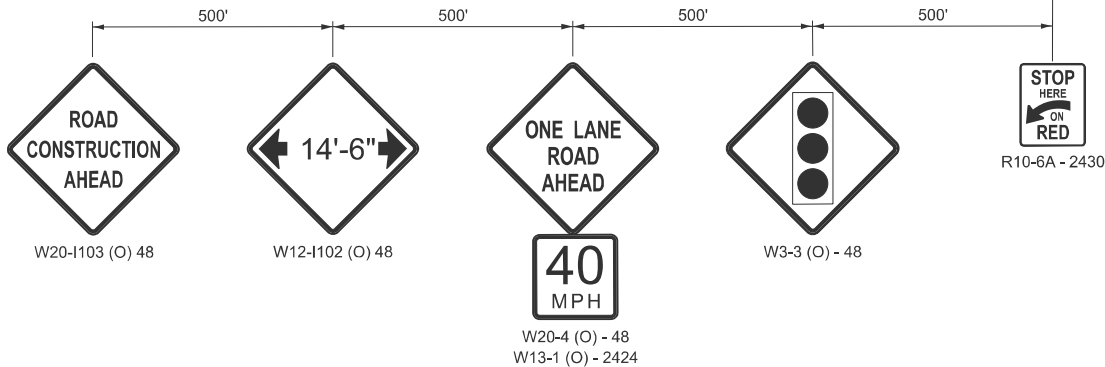
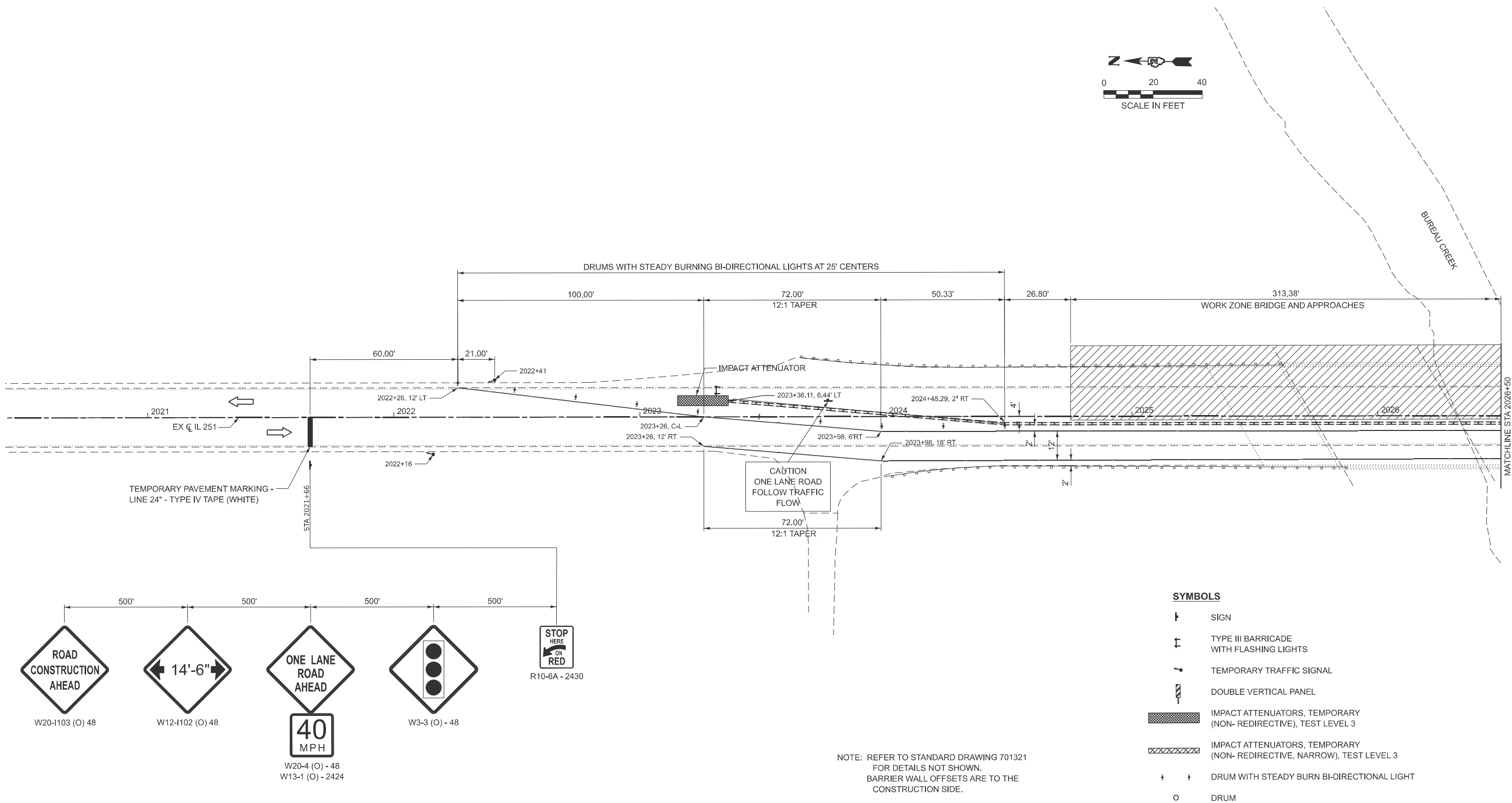
STAGE 2 TRAFFIC
CLOSE SOUTHBOUND LANE TRANSITIONING NORTHBOUND AND SOUTHBOUND TRAFFIC INTO THE NORTHBOUND LANE AND SHOULDER USING HIGHWAY STANDARD 701321 AND AS DETAILED IN THE MAINTENANCE OF TRAFFIC STAGE 2 TYPICAL SECTION PLANS.

STAGE 2 CONSTRUCTION
CONSTRUCT BRIDGE REHABILITATION AND BRIDGE APPROACH WORK ON SOUTHBOUND LANE AS DETAILED IN THE STRUCTURAL PLANS. CONSTRUCT SOUTHBOUND ROADWAY PAVEMENT IMPROVEMENTS AS DETAILED IN THE PLANS. CONSTRUCT GUARDRAIL IMPROVEMENTS ON SOUTHBOUND SIDE OF ROADWAY AS DETAILED IN THE PLANS.

POST-STAGE TRAFFIC
USE HIGHWAY STANDARD 701311 FOR TRAFFIC CONTROL.

POST-STAGE CONSTRUCTION
CONDUCT WORKSITE CLEANUP AND PLACE FINAL PAVEMENT MARKINGS.

MODEL: Default
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- SYMBOLS**
- ⌚ SIGN
 - ⌚ TYPE III BARRICADE WITH FLASHING LIGHTS
 - ⌚ TEMPORARY TRAFFIC SIGNAL
 - ⌚ DOUBLE VERTICAL PANEL
 - ▨ IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3
 - ▨ IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE, NARROW), TEST LEVEL 3
 - ⌚ ⌚ DRUM WITH STEADY BURN BI-DIRECTIONAL LIGHT
 - DRUM

NOTE: REFER TO STANDARD DRAWING 701321
FOR DETAILS NOT SHOWN.
BARRIER WALL OFFSETS ARE TO THE
CONSTRUCTION SIDE.



USER NAME	= jpush	DESIGNED -	JRP	REVISED -	
		DRAWN -	JRP	REVISED -	
		CHECKED -	JRP	REVISED -	
PLOT DATE	= 6/20/2025	DATE -	08/06/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC - STAGE 1 PLANS
IL 251 OVER BUREAU CREEK

SCALE: 1" = 20' SHEET 2 OF 5 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1177	(111BR-1)BDR	LEE	30	9
CONTRACT NO. 64T96				
ILLINOIS FED. AID PROJECT				

MODEL: Default
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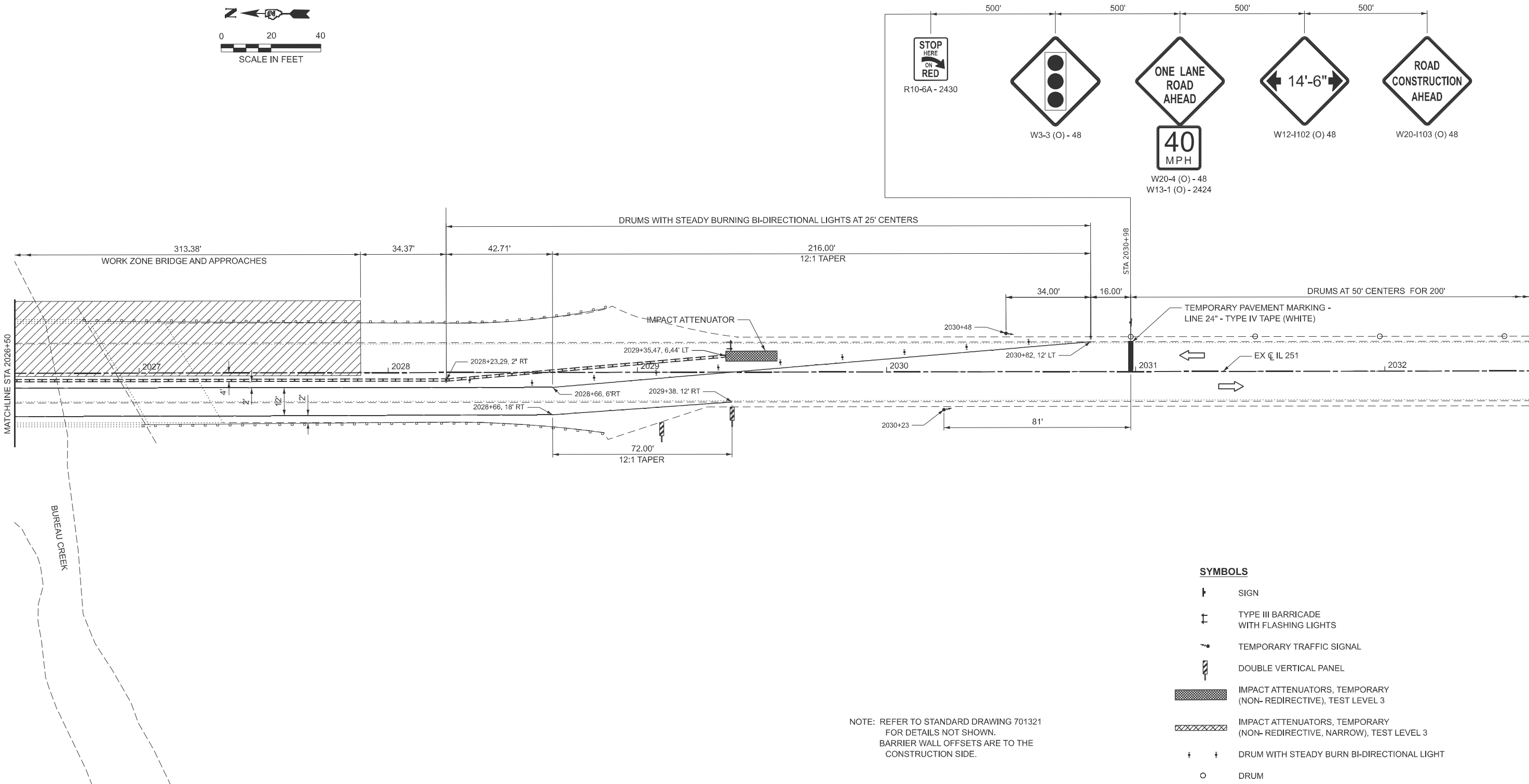
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PLOT DATE	= 6/20/2025	DATE -	08/06/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC - STAGE 1 PLANS
IL 251 OVER BUREAU CREEK

SCALE: 1" = 20' SHEET 3 OF 5 SHEETS STA. TO STA.

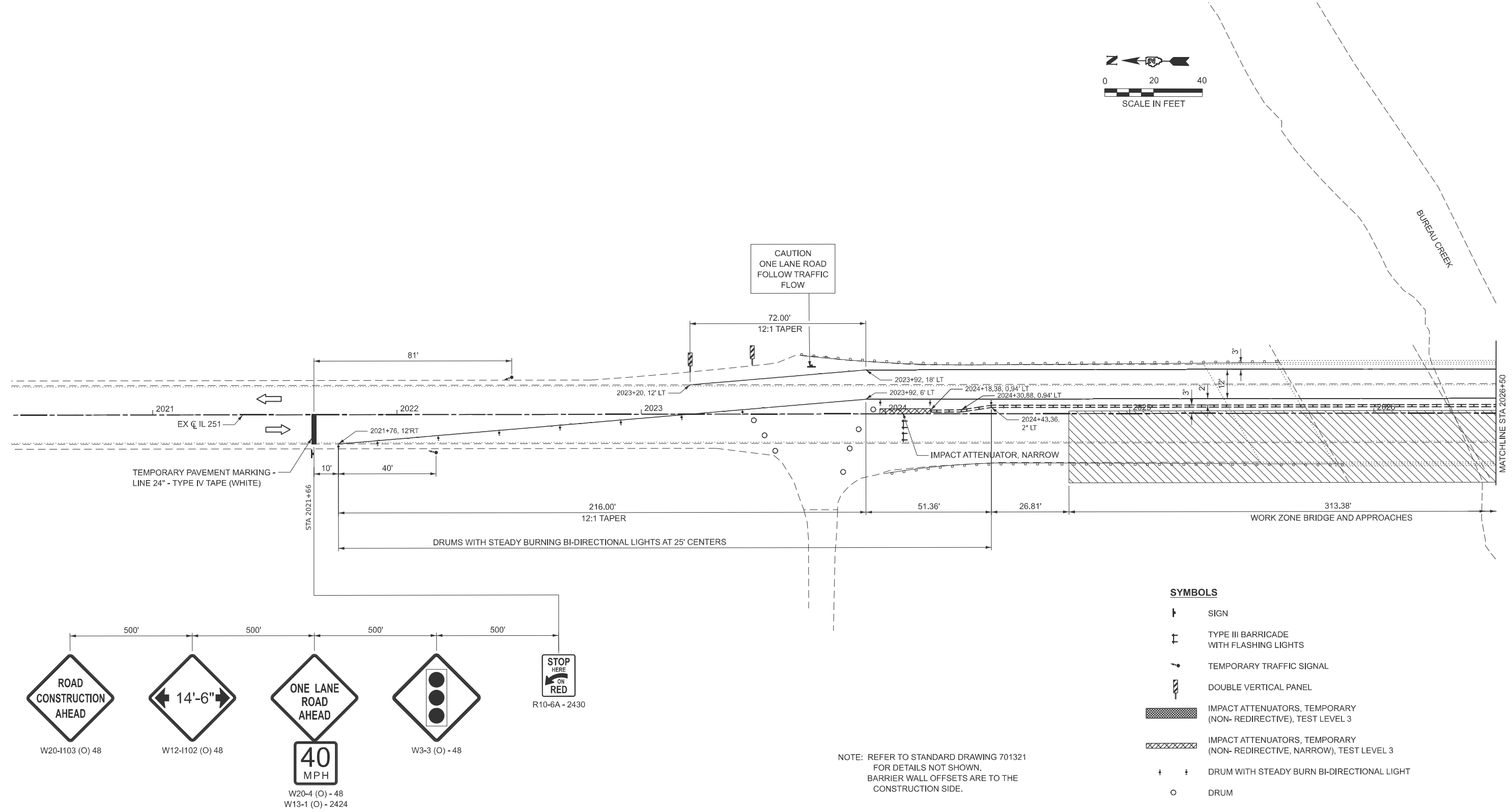
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1177	(111BR-1)BDR	LEE	30	10
CONTRACT NO. 64T96				
ILLINOIS FED. AID PROJECT				



NOTE: REFER TO STANDARD DRAWING 701321
FOR DETAILS NOT SHOWN.
BARRIER WALL OFFSETS ARE TO THE
CONSTRUCTION SIDE.

SYMBOLS	
	SIGN
	TYPE III BARRICADE WITH FLASHING LIGHTS
	TEMPORARY TRAFFIC SIGNAL
	DOUBLE VERTICAL PANEL
	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3
	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE, NARROW), TEST LEVEL 3
	DRUM WITH STEADY BURN BI-DIRECTIONAL LIGHT
	DRUM

MODEL: Default
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- SYMBOLS**
- SIGN
 - TYPE III BARRICADE WITH FLASHING LIGHTS
 - TEMPORARY TRAFFIC SIGNAL
 - DOUBLE VERTICAL PANEL
 - IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3
 - IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE, NARROW), TEST LEVEL 3
 - DRUM WITH STEADY BURN BI-DIRECTIONAL LIGHT
 - DRUM

NOTE: REFER TO STANDARD DRAWING 701321 FOR DETAILS NOT SHOWN. BARRIER WALL OFFSETS ARE TO THE CONSTRUCTION SIDE.

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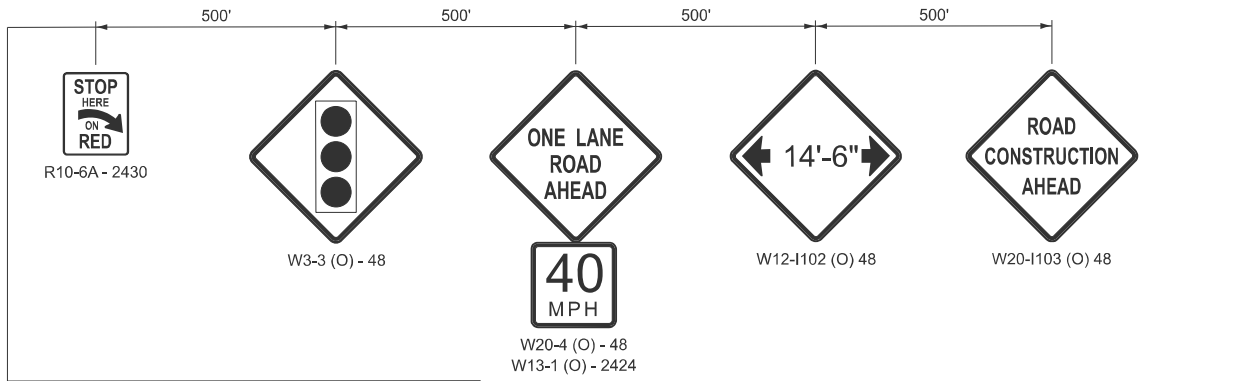
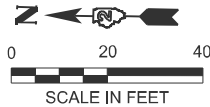
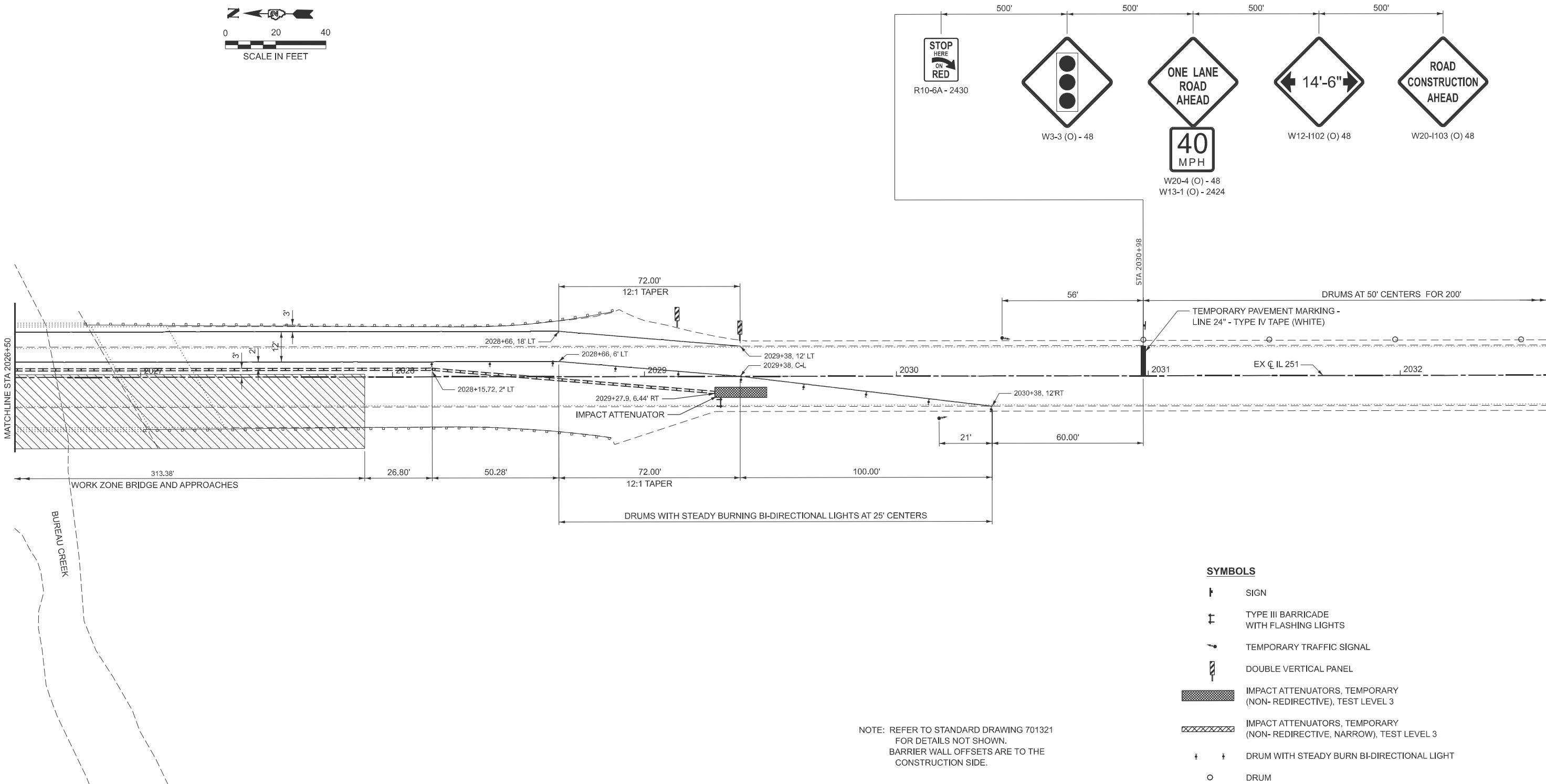
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		CHECKED -	JRP	REVISED -	
PLOT DATE	= 6/20/2025	DATE -	08/06/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC - STAGE 2 PLANS
IL 251 OVER BUREAU CREEK

SCALE: 1" = 20' SHEET 5 OF 5 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1177	(111BR-1)BDR	LEE	30	12
CONTRACT NO. 64T96				
ILLINOIS FED. AID PROJECT				



MODEL: Default
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DESIGNED	-	JRP
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DATE	-	08/06/2025

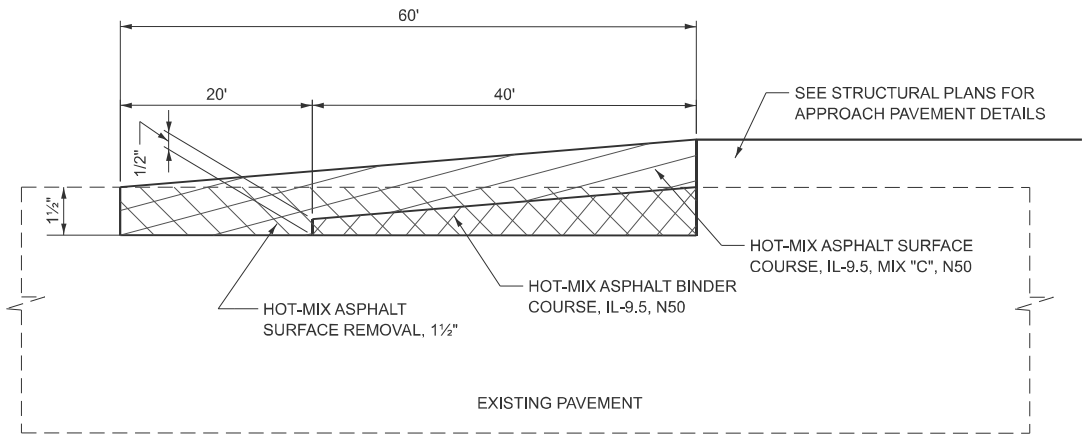
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REVISED	-
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REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

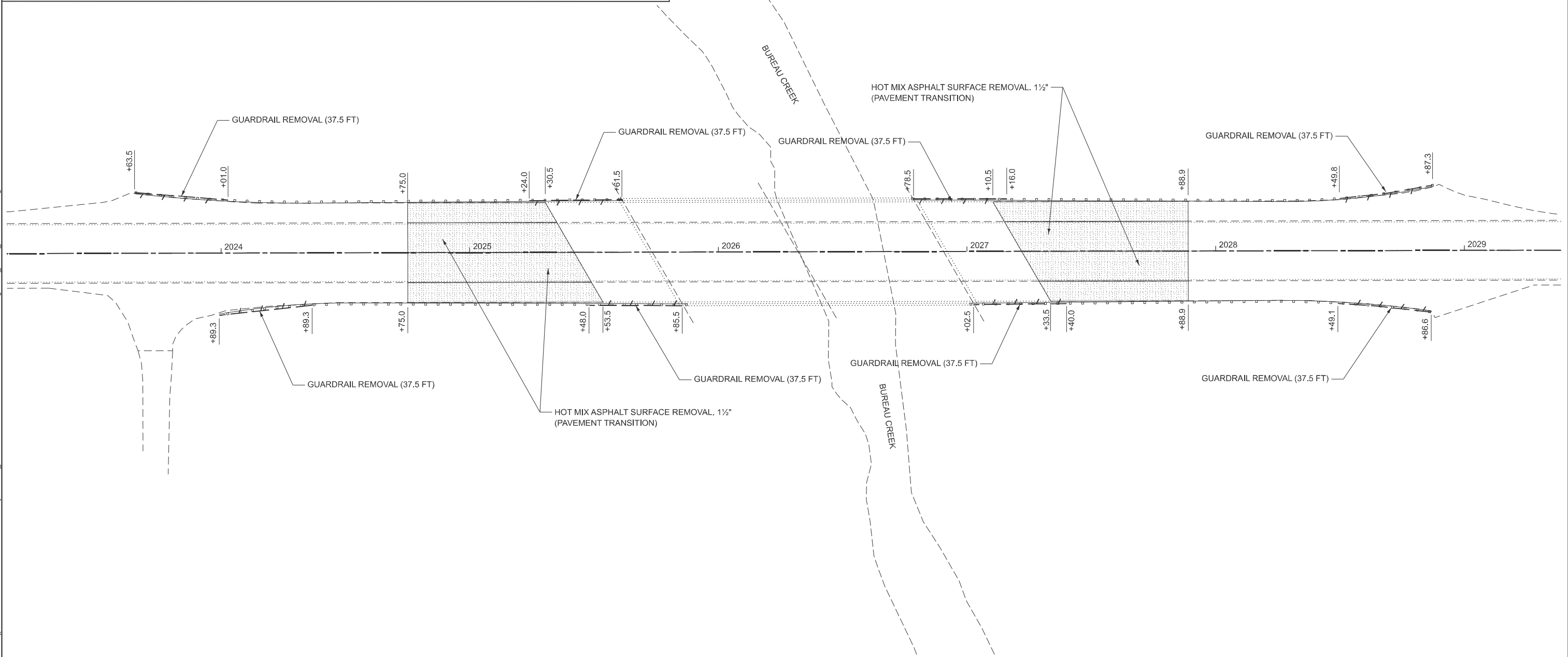
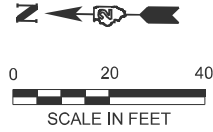
REMOVAL PLAN
IL 251 OVER BUREAU CREEK

SCALE: 1"=20' SHEET 1 OF 1 SHEETS STA. TO STA.

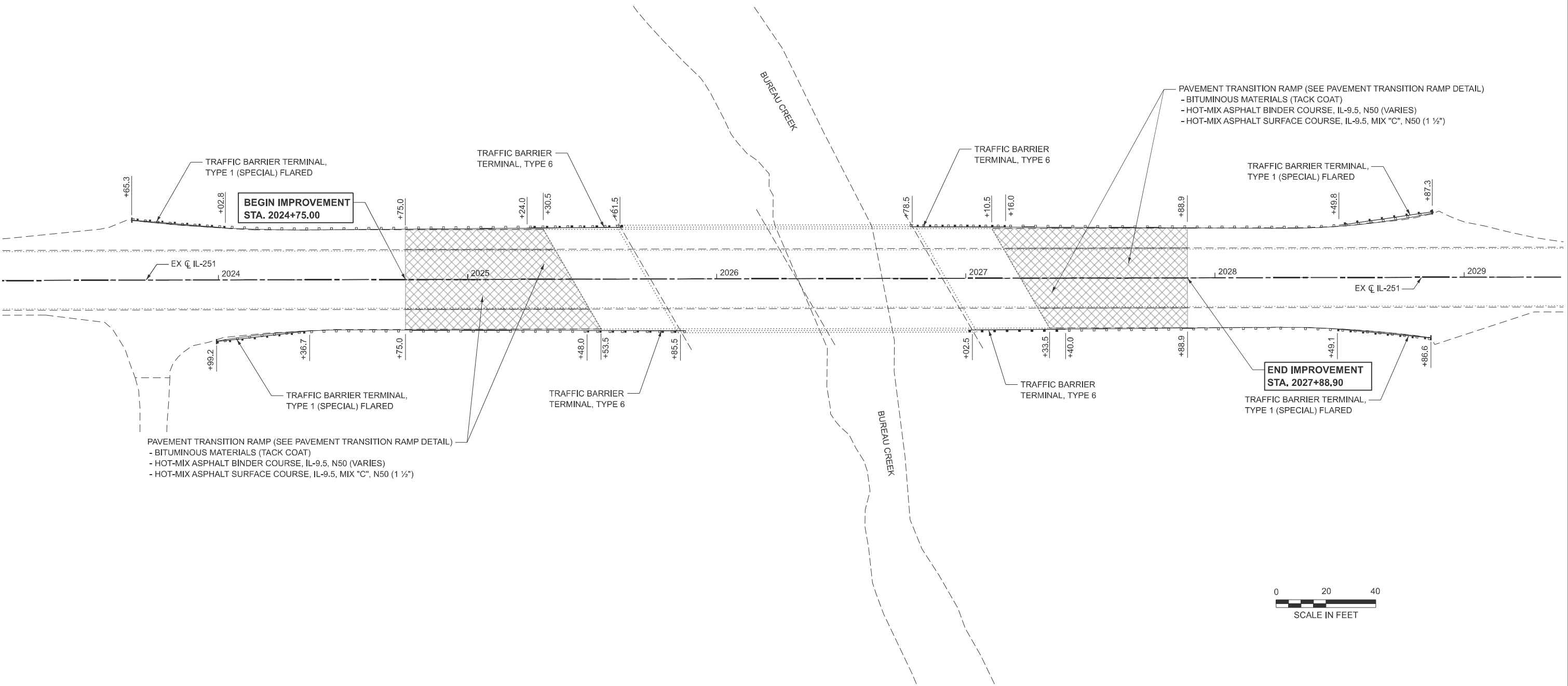
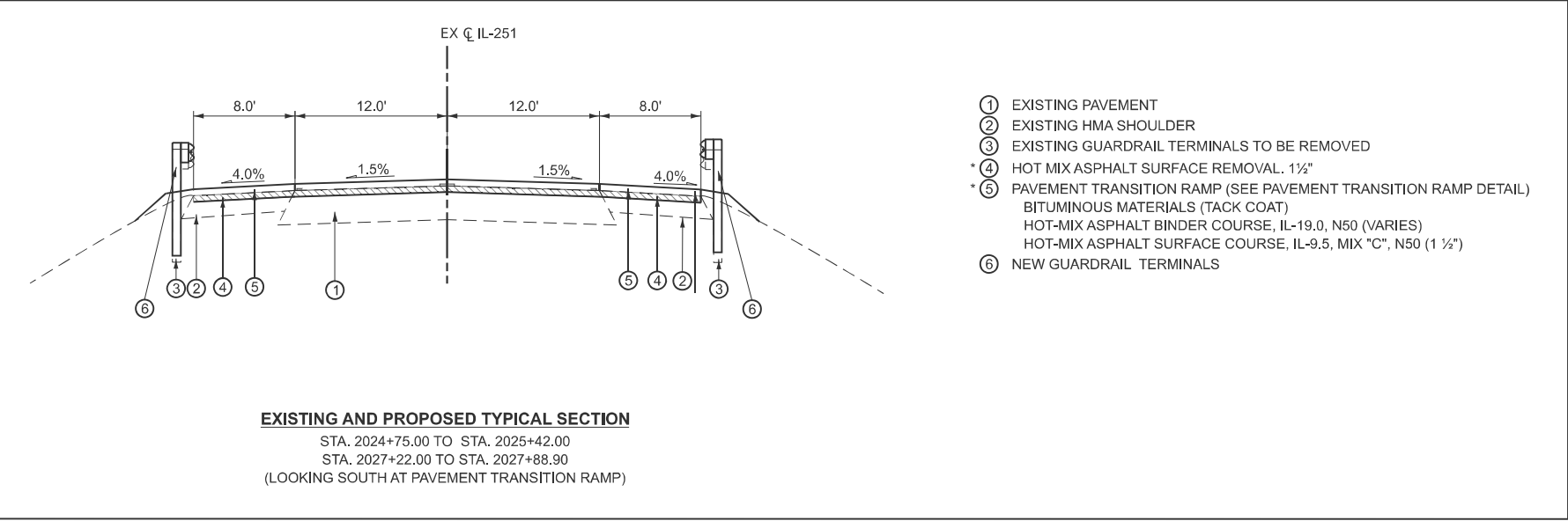
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1177	(111BR-1)BDR	LEE	30	13
CONTRACT NO. 64T96				
		ILLINOIS	FED. AID PROJECT	



PAVEMENT TRANSITION RAMP DETAIL
STA. 2024+75.00 TO STA. 2025+42.00
STA. 2027+22.00 TO STA. 2027+88.90



MODEL: Default
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	USER NAME = jpush	DESIGNED - JRP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLAN IL 251 OVER BUREAU CREEK				F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - JRP	REVISED -						1177	(111BR-1)BDR	LEE	30	14
		CHECKED - JRP	REVISED -						CONTRACT NO. 64T96				
	PLOT DATE = 6/20/2025	DATE - 08/06/2025	REVISED -		SCALE: 1"=20'		SHEET 1 OF 1 SHEETS	STA.	TO STA.				
					ILLINOIS FED. AID PROJECT								

Existing Structure: S.N. 052-0068, originally built in 1994 as a two-span prestressed concrete I-beam superstructure with integral abutments and individually encased pile bent piers. The back to back length = 120'-0" and the out to out width = 43'-2". Structure is to be repaired as detailed in these plans. Traffic is to be maintained using stage construction.

No salvage.

TOTAL BILL OF MATERIAL

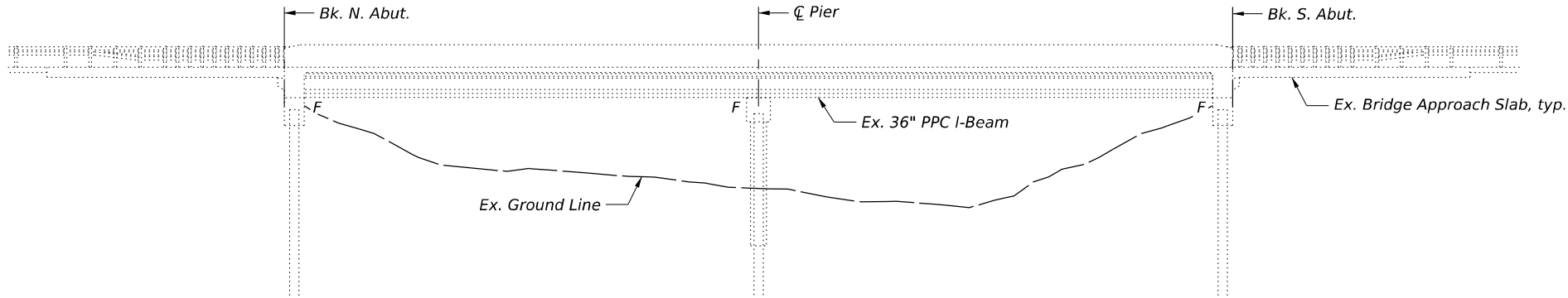
Item	Unit	SUPER	SUB	TOTAL
Protective Coat	Sq. Yd.	805	-	805
Concrete Sealer	Sq. Ft.	846	-	846
Bridge Deck Latex Concrete Overlay, 2½ Inches	Sq. Yd.	805	-	805
Bridge Deck Scarification ¾"	Sq. Yd.	805	-	805
Structural Repair of Concrete (Depth Equal to or Less Than 5")	Sq. Ft.	6	-	6
Deck Slab Repair (Full Depth, Type I)	Sq. Yd.	1	-	1
Deck Slab Repair (Full Depth, Type II)	Sq. Yd.	8	-	8
Diamond Grinding (Bridge Section)	Sq. Yd.	725	-	725
Bridge Deck Grooving (Longitudinal)	Sq. Yd.	480	-	480

GENERAL NOTES

Plan dimensions and details relative to the existing structure have been taken from 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 of 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.

The protective coat shall be applied to the new latex concrete overlay.

A film forming Concrete Sealer shall be applied to the top and inside surfaces of the existing parapets.



ELEVATION



Michael D. Cima
Michael D. Cima, Illinois S.E. 081-005984
Expires 11/30/2026
8/6/2025
Date

SCOPE OF WORK

- Scarify bridge deck and approach slabs ¾" deep.
- Complete full depth deck repairs.
- Place 2½" latex concrete overlay to bridge deck and approach slabs.
- Repair parapets and apply sealer.

DESIGN SPECIFICATIONS

2002 AASHTO Standard Specifications for Highway Bridges - LFD

DESIGN STRESSES

FIELD UNITS (Ex. Constr.)

f'c = 3,500 psi
fy = 60,000 psi (Reinforcement)

FIELD UNITS (New Constr.)

f'c = 4,000 psi
PRECAST PRESTRESSED UNITS (Ex. Constr.)

f'c = 6,000 psi
f'ci = 5,000 psi
f's = 270,000 psi (1/2" Ø Strands)
f'si = 201,960 psi (1/2" Ø Strands)

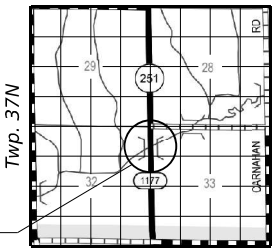
INDEX OF SHEETS

- General Plan and Elevation
- Stage Construction Details
- Temporary Concrete Barrier
- Deck Overlay Plan
- Parapet Repairs

LOADING HS20-44

Existing and Proposed

Range 1E, 3rd P.M.



LOCATION SKETCH

GENERAL PLAN AND ELEVATION

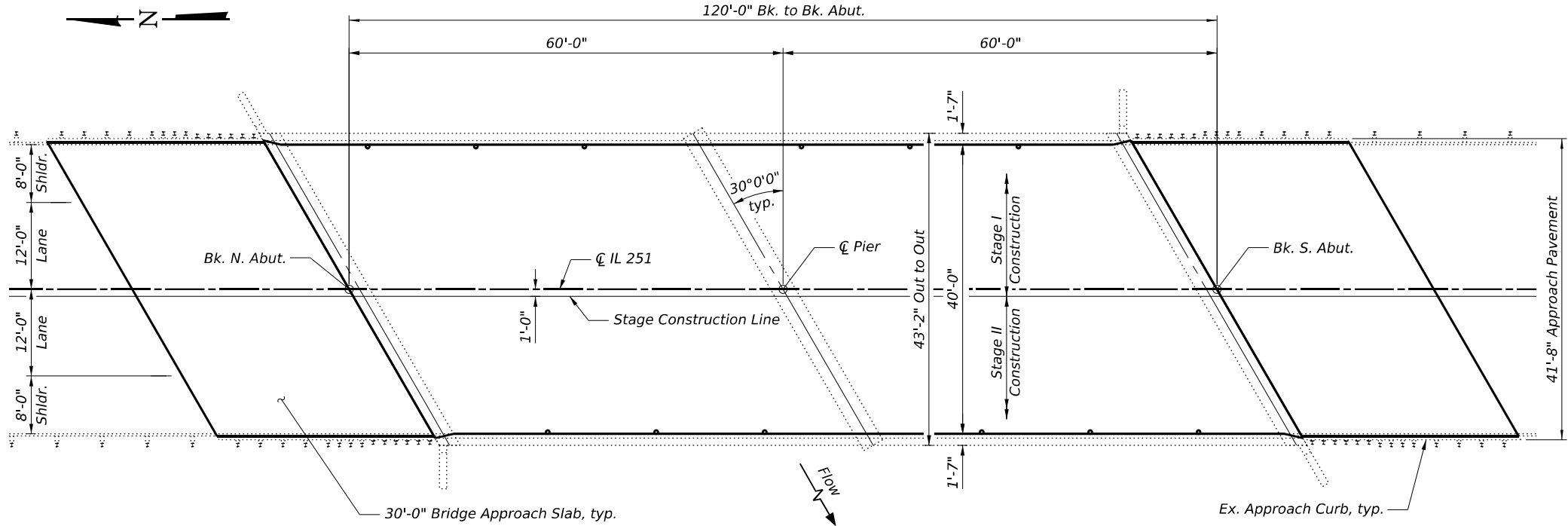
IL 251 OVER BUREAU CREEK

FAS ROUTE 117

SECTION (111BR-1)BDR

LEE COUNTY

STRUCTURE NO. 052-0068



PLAN

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN AND ELEVATION
STRUCTURE NO. 052-0068

SHEET 1 OF 5 SHEETS

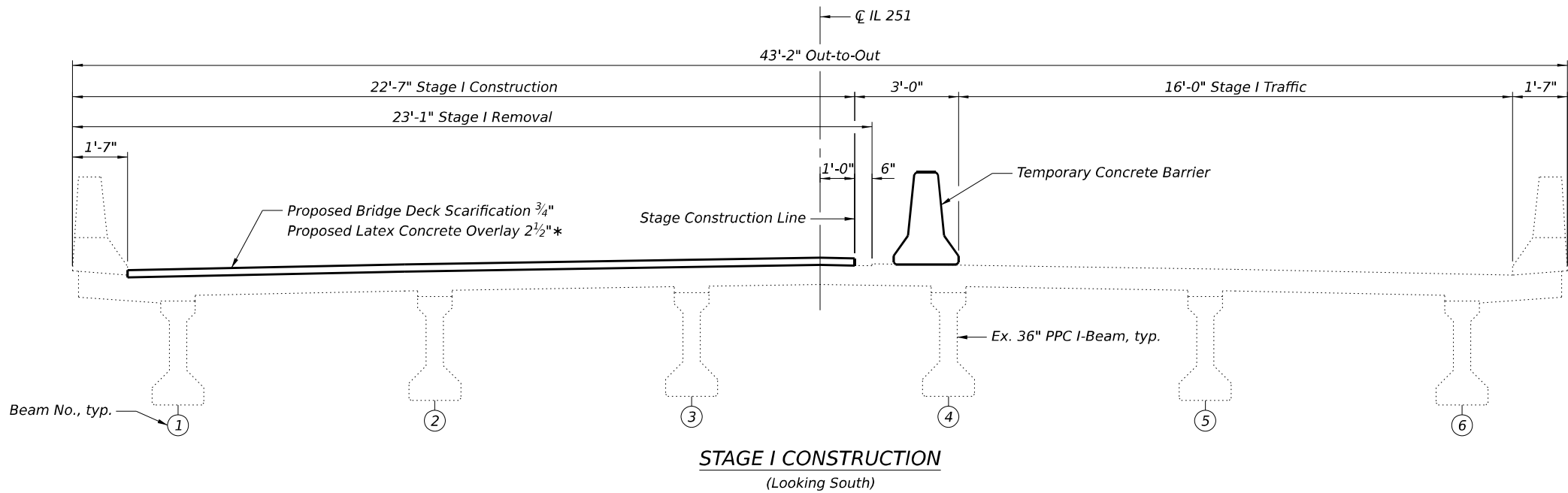
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1177	(111BR-1)BDR	LEE	30	15
CONTRACT NO. 64T96				
ILLINOIS FED. AID PROJECT				



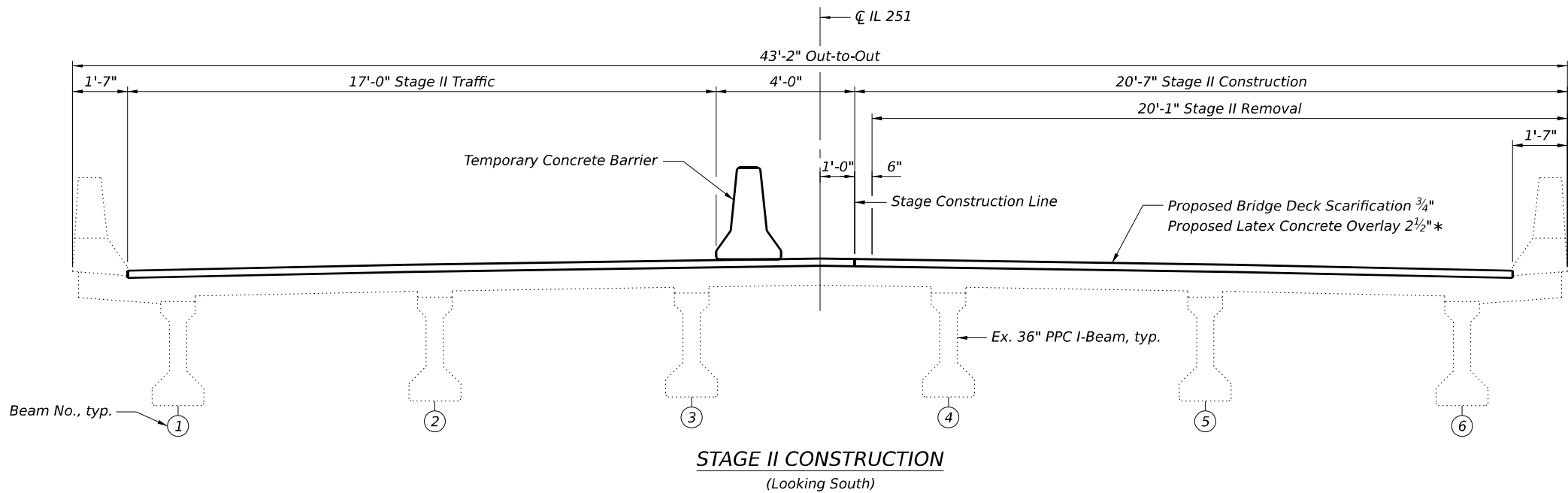
QUIGG ENGINEERING INC.
DESIGN FIRM REG. NO. 184.004721-0014

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8/6/2025 8:15:53 AM



* Prior to grinding



MODEL: Default
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QUIGG ENGINEERING INC
DESIGN FIRM REG. NO. 184.004721-0014

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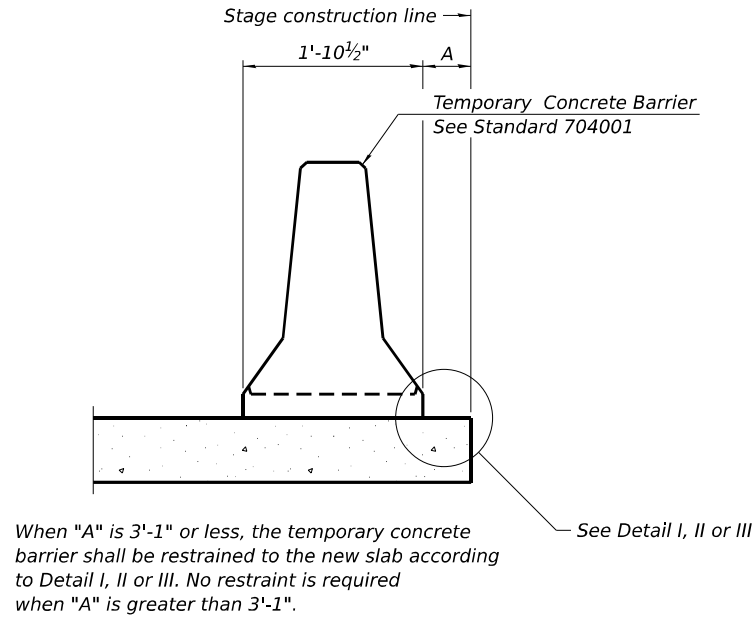
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE CONSTRUCTION DETAILS
STRUCTURE NO. 052-0068

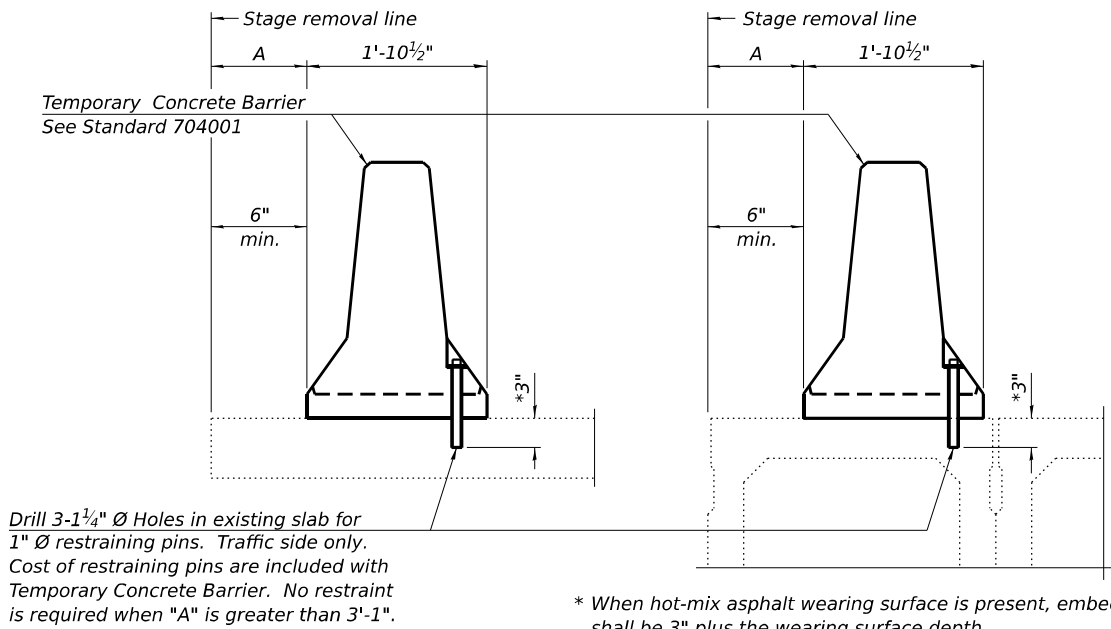
SHEET 2 OF 5 SHEETS

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CONTRACT NO. 64T96				
ILLINOIS		FED. AID PROJECT		

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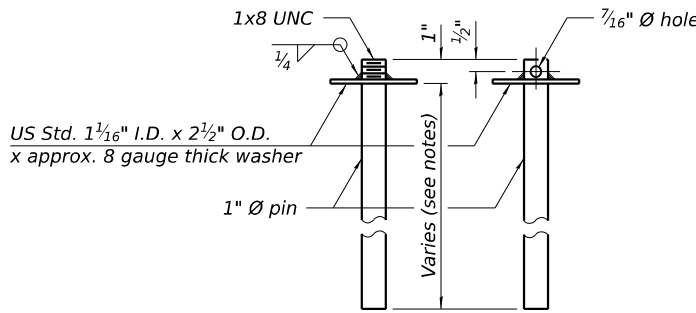
NEW SLAB OR NEW DECK BEAM



EXISTING SLAB

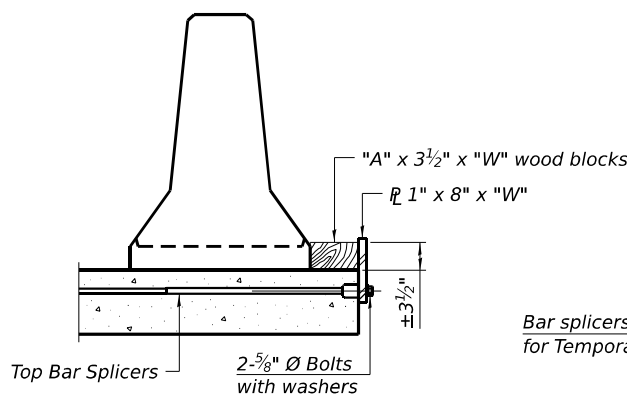
* When hot-mix asphalt wearing surface is present, embedment shall be 3" plus the wearing surface depth.

EXISTING DECK BEAM

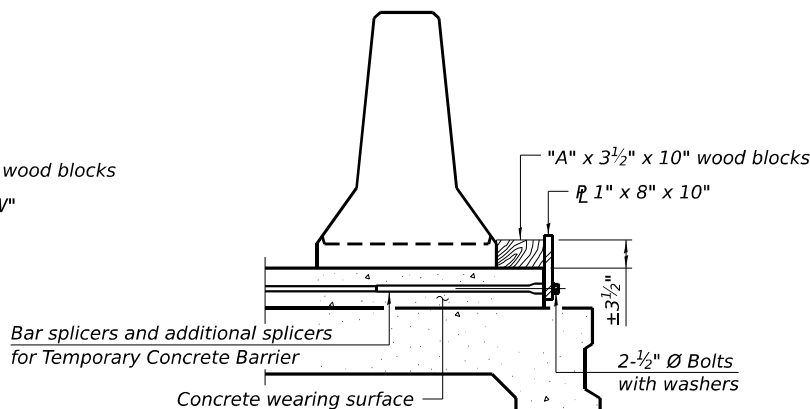


RESTRAINING PIN

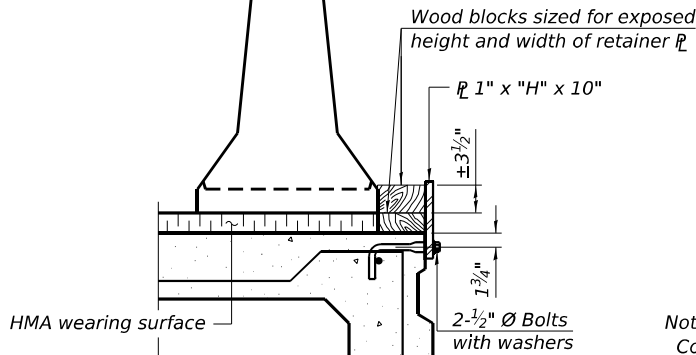
SECTIONS THRU SLAB OR DECK BEAM



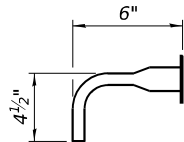
DETAIL I



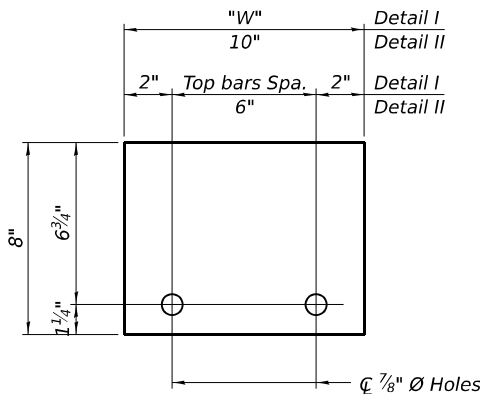
DETAIL II



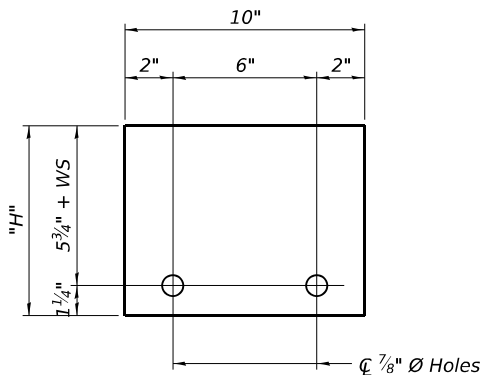
DETAIL III



BAR SPLICER FOR #4 BAR - DETAIL III



STEEL RETAINER 1" x 8" x "W"
(Detail I and II)



STEEL RETAINER 1" x "H" x 10"
(Detail III)

Notes:
Cost of retainer assembly is included with Temporary Concrete Barrier.
A retainer assembly shall be located at the approximate C of each temporary concrete barrier.
The retainer plate shall not be removed until the concrete on the adjacent stage is ready to be poured. For Detail III applications the retainer plate shall not be removed until just prior to placing the adjacent beam.
When the 'A' dimension is less than 1 1/2", the wood block shall be omitted and the barrier shall be placed in direct contact with the steel retainer plate. For deck beam applications the minimum required 'A' distance is 6" to accommodate the shear key clamping device.

Detail I - Installation for a new bridge deck or bridge slab.

Detail II - Installation for a new deck beam with an initial concrete wearing surface. Additional bar splicers shall be provided at 6'-0" centers and paired with the bar splicers of the concrete wearing surface reinforcement to accommodate the installation of the retainer assemblies. The cost of the additional bar splicers is included with the concrete wearing surface.

Detail III - Installation for a new deck beam with no initial wearing surface or with an initial hot-mix asphalt (HMA) wearing surface present. The deck beam directly beneath the temporary concrete barrier shall be fabricated with bar splicer inserts in the side of the beam, as detailed, to accommodate the installation of the retainer assemblies. A pair of bar splicers, 6" apart, shall be placed at 6'-0" centers along the length of the beam. The cost of the bar splicers is included with the deck beam.

RAILING CRITERIA

NCHRP 350 Test Level	3
Railing Weight (plf)	440

R-27

5-15-2023



QUIGG ENGINEERING INC.
DESIGN FIRM REG. NO. 184.004721-0014

USER NAME =	ZDavidson
CHECKED =	CFS
PLOT SCALE =	0.167' / in.
PLOT DATE =	

DESIGNED -	ZLD
CHECKED -	CFS
DRAWN -	ZLD
CHECKED -	MDC

REVISED -	
REVISED -	
REVISED -	
REVISED -	

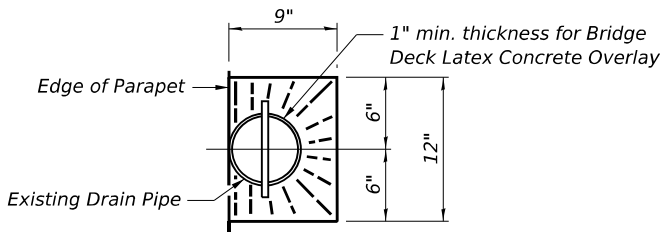
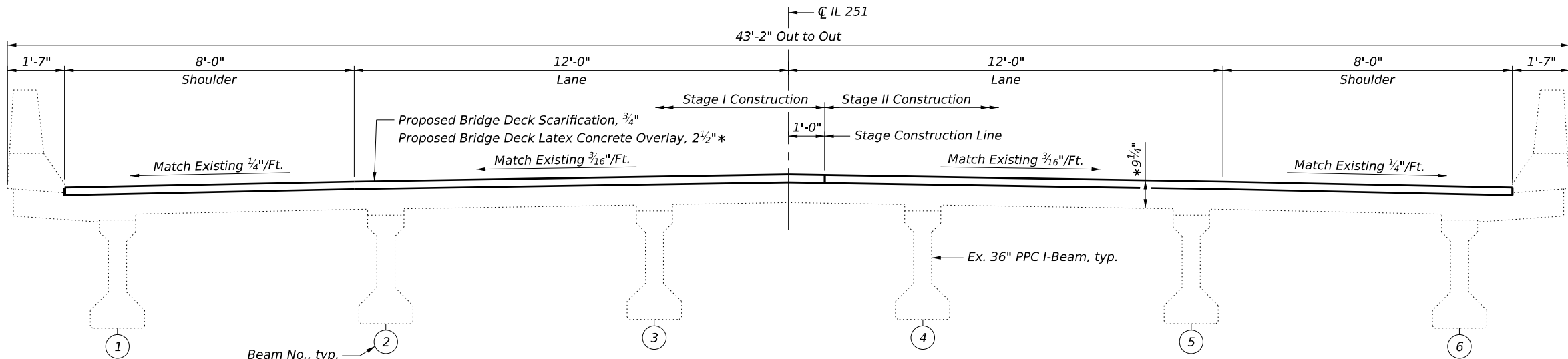
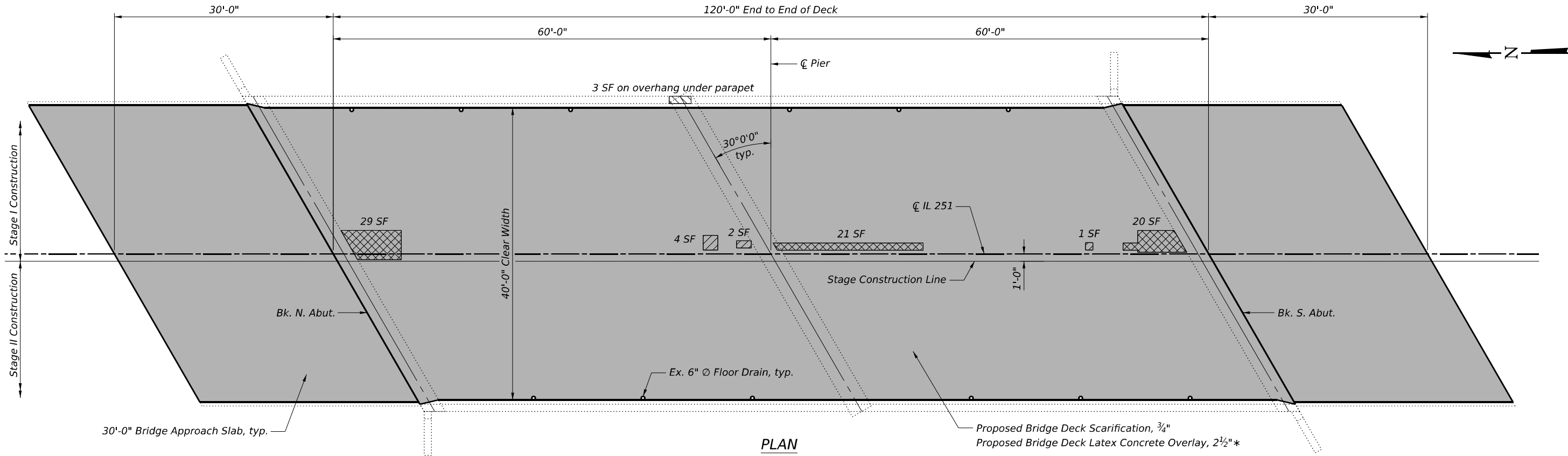
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY CONCRETE BARRIER
STRUCTURE NO. 052-0068

SHEET 3 OF 5 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1177	(111BR-1)BDR	LEE	30	17
CONTRACT NO. 64T96				
ILLINOIS FED. AID PROJECT				

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LEGEND

- Structural Repair of Concrete (Depth Equal to or Less Than 5")
- Deck Slab Repair (Full Depth, Type I)
- Deck Slab Repair (Full Depth, Type II)
- Scarification and Latex Concrete Overlay Limits

TOP PLAN
Overlay transition at 6" Ø Drain Pipes

Note:
Deck Slab Repair (Full Depth, Type I) and Deck Slab Repair (Full Depth, Type II) areas are estimated and will be field verified by the Engineer prior to patching. The Engineer shall show actual locations of deck repairs on as-built plans.

BILL OF MATERIAL

Item	Unit	Total
Protective Coat	Sq. Yd.	805
Bridge Deck Latex Concrete Overlay, 2½ Inches	Sq. Yd.	805
Bridge Deck Scarification ¾"	Sq. Yd.	805
Structural Repair of Concrete (Depth Equal to or Less Than 5")	Sq. Ft.	3
Deck Slab Repair (Full Depth, Type I)	Sq. Yd.	1
Deck Slab Repair (Full Depth, Type II)	Sq. Yd.	8
Diamond Grinding (Bridge Section)	Sq. Yd.	725
Bridge Deck Grooving (Longitudinal)	Sq. Yd.	480

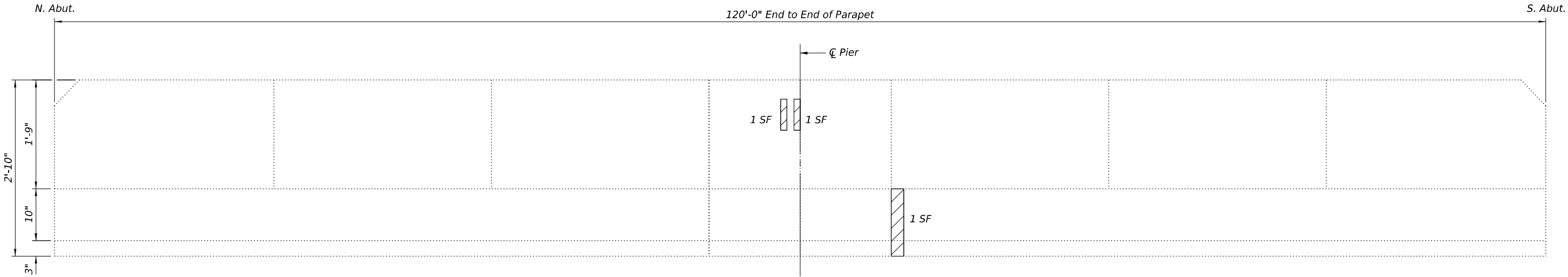
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DECK OVERLAY PLAN
STRUCTURE NO. 052-0068

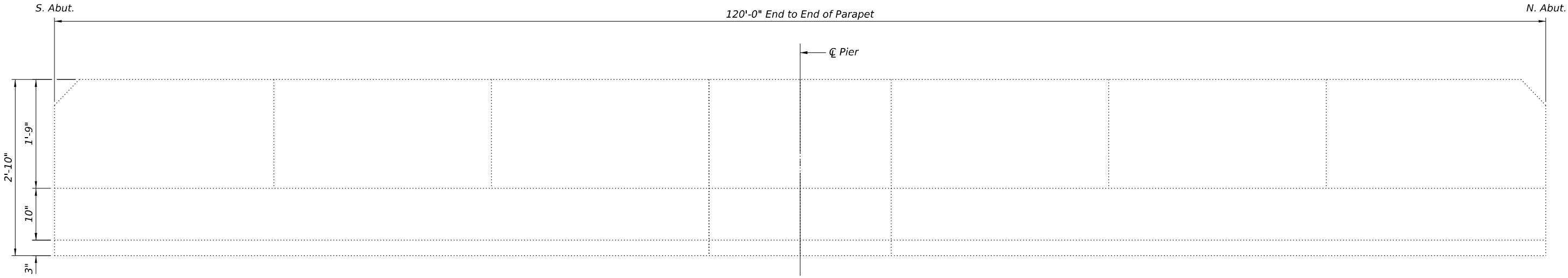
SHEET 4 OF 5 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1177	(111BR-1)BDR	LEE	30	18
CONTRACT NO. 64T96				
ILLINOIS FED. AID PROJECT				

MODEL: Default
FILE NAME: S:\2024\24IL002 - PTB 210-17 D2 - Quandt - Various PhilWO 5 BR Repair IL251CADD\CADD Sheets\0520068-64T96-005-Parapet Repairs.dgn




INSIDE FACE OF EAST PARAPET
(Looking East)



INSIDE FACE OF WEST PARAPET
(Looking West)

LEGEND

 Structural Repair of Concrete (Depth Equal to or Less Than 5")

BILL OF MATERIAL

Item	Unit	Total
Concrete Sealer	Sq. Ft.	846
Structural Repair of Concrete (Depth Equal to or Less Than 5")	Sq. Ft.	3



QUIGG ENGINEERING INC
DESIGN FIRM REG. NO. 184.004721-0014

USER NAME = ZDavidson
0520068-64T96-005-Parapet Repairs.dgn
PLOT SCALE = 8.333 ' / in.
PLOT DATE =

DESIGNED - ZLD
CHECKED - CFS
DRAWN - ZLD
CHECKED - MDC

REVISED -
REVISED -
REVISED -
REVISED -

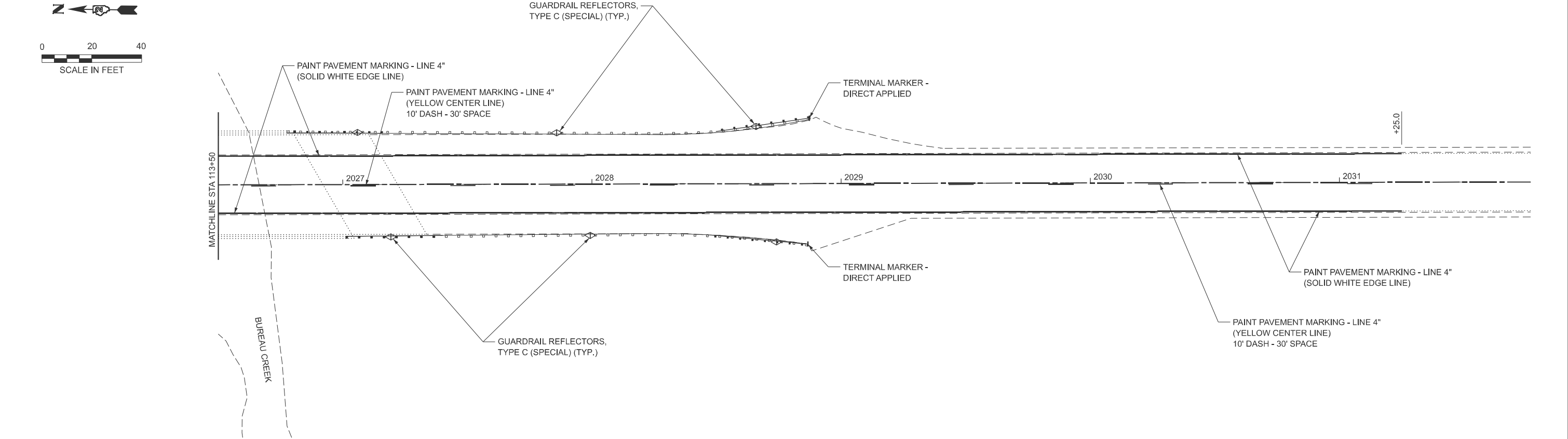
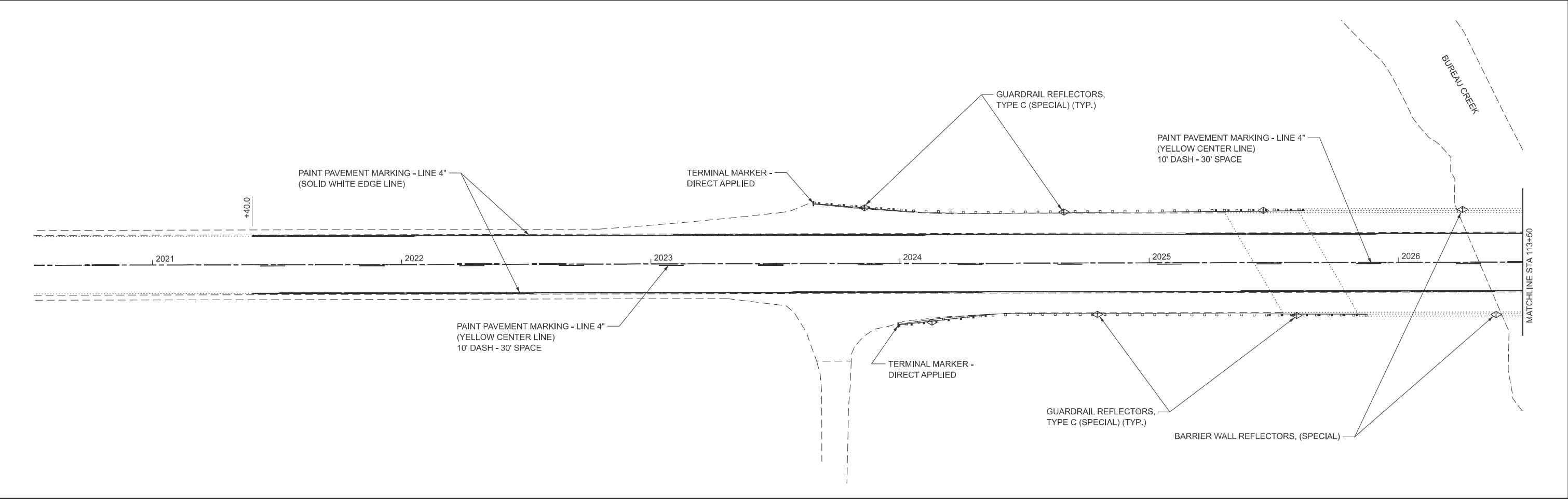
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PARAPET REPAIRS
STRUCTURE NO. 052-0068

SHEET 5 OF 5 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1177	(111BR-1)BDR	LEE	30	19
CONTRACT NO. 64T96				
		ILLINOIS	FED. AID PROJECT	

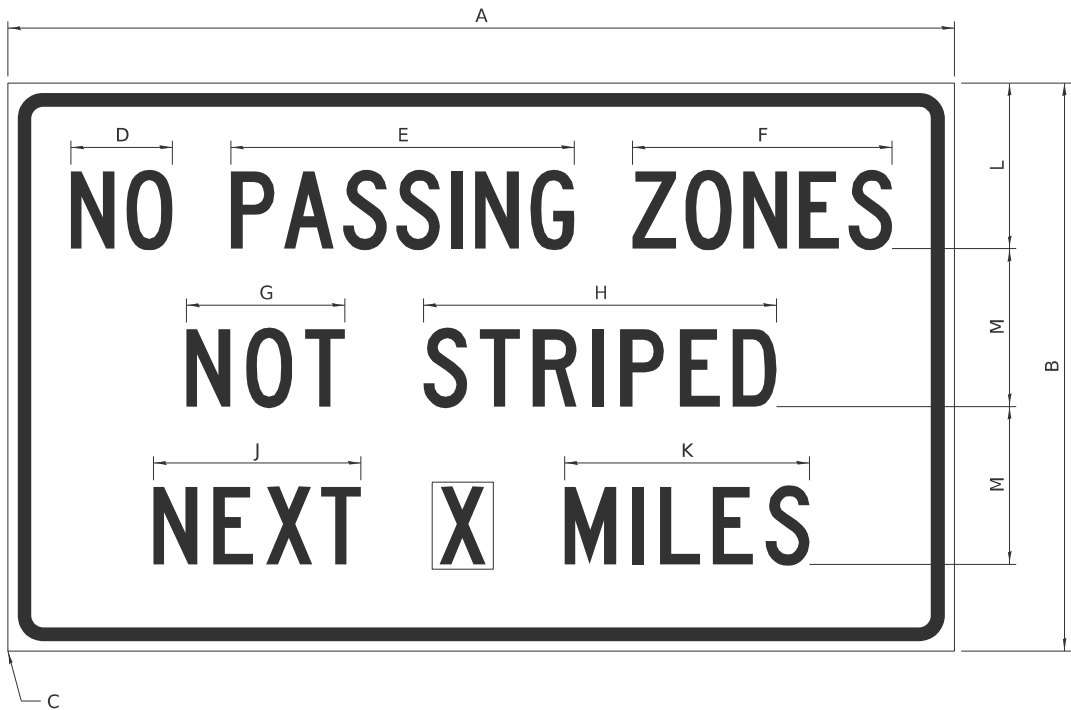
MODEL: Default
FILE NAME: C:\Users\jpush\OneDrive - QEI\OCDOs\Consult\Projects\2406_D2-Vac\var 210-017400-Work\WO-05410-CADD\Design\64T96_SHT_ROAD_Pavement Marking.dgn



	USER NAME = jpush		DESIGNED - JRP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING PLAN IL 251 OVER BUREAU CREEK			F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			DRAWN - JRP	REVISED -					1177	(111BR-1)BDR	LEE	30	20
			CHECKED - JRP	REVISED -					CONTRACT NO. 64T96				
	PLOT DATE = 6/20/2025		DATE - 08/06/2025	REVISED -		SCALE: 1"=20'	SHEET 1	OF 1 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

WORK ZONE SIGN DETAILS

ILLINOIS STANDARD G20-I100



COLOR LEGEND AND BORDER BACKGROUND BLACK ORANGE NON-REFLECTORIZED REFLECTORIZED

SIGN SIZE	DIMENSIONS											
	A	B	C	D	E	F	G	H	J	K	L	M
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	SERIES BY LINE			MARGIN	BORDER
	1	2	3		
60 x 36	5C	5C	5C	0.625	0.875

Sign not to scale

GENERAL NOTES

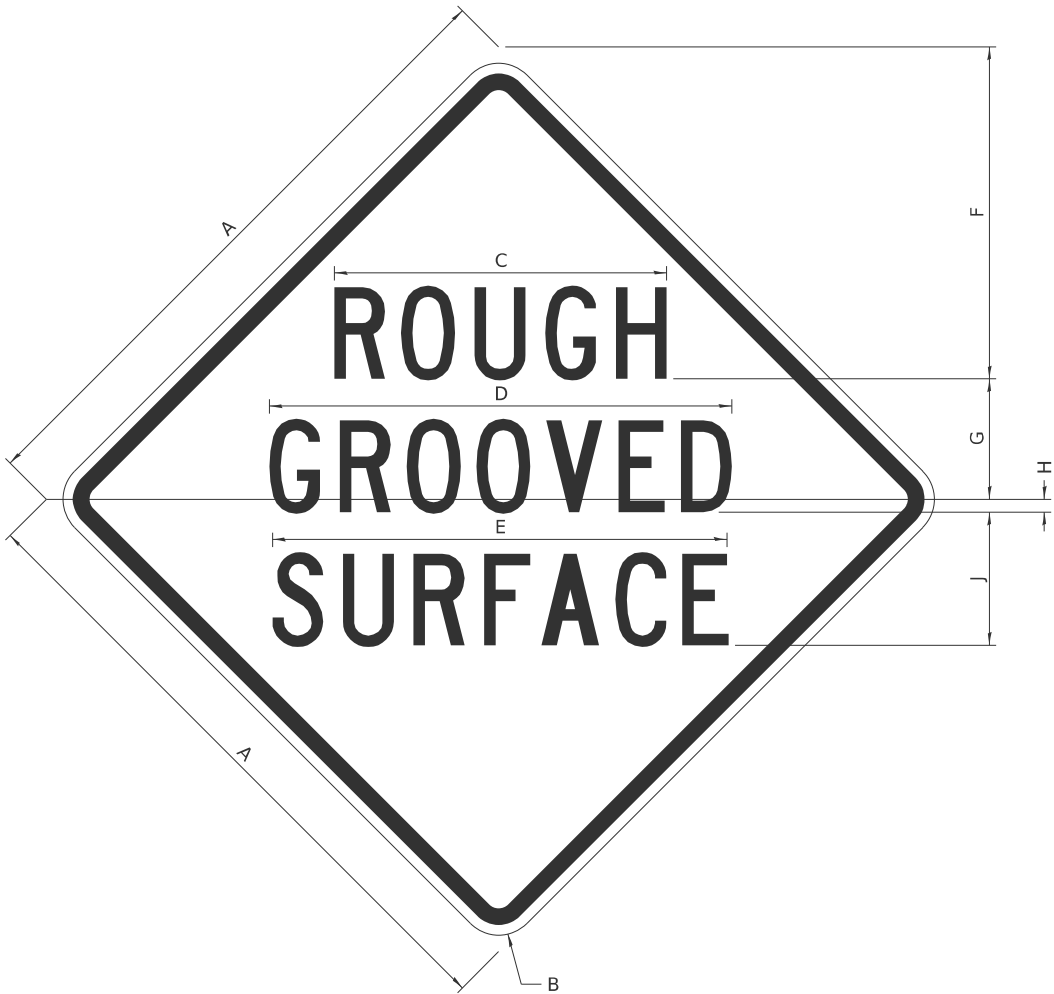
All work to furnish and install these signs shall be included in the cost of the specified traffic control standards and shall not be paid separately.

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 ORANGE NON-REFLECTORIZED REFLECTORIZED

SIGN SIZE	DIMENSIONS								
	A	B	C	D	E	F	G	H	J
48 x 48	48.00	3.00	25.00	34.80	34.20	24.94	9.00	1.00	10.00

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

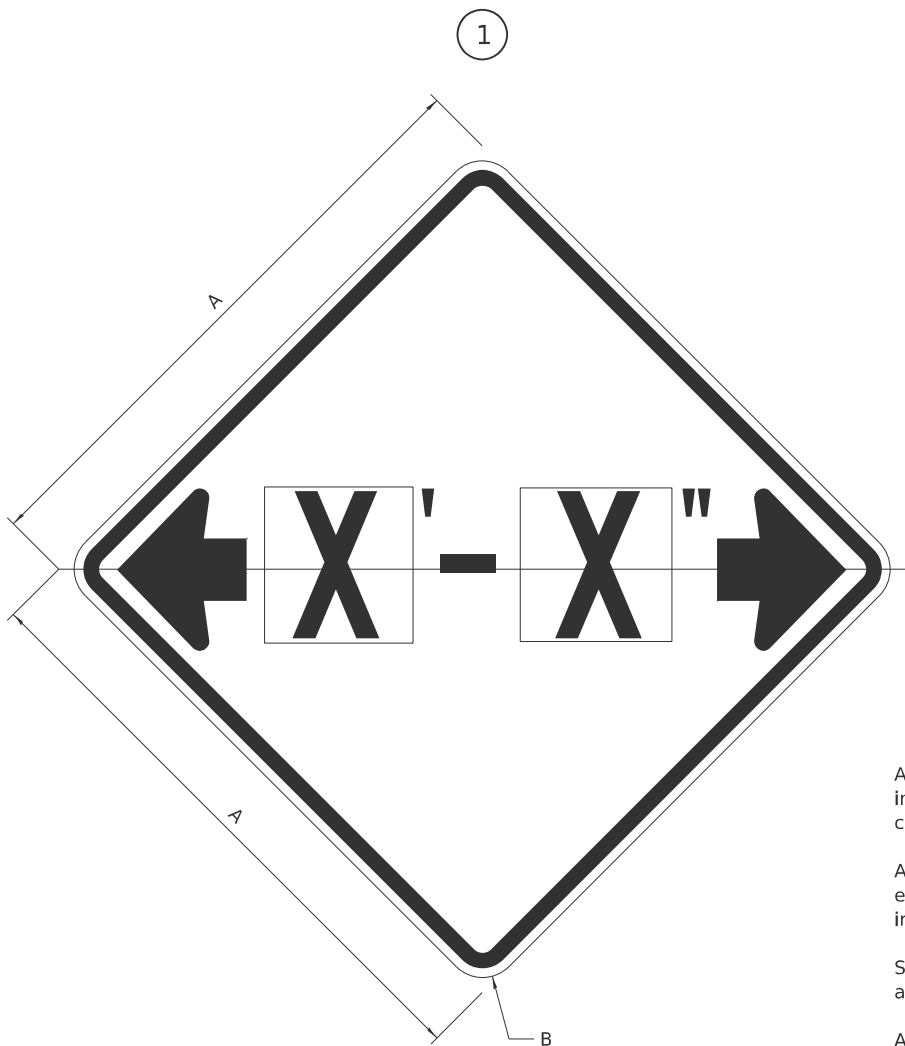
Sign not to scale

MODEL: Default
FILE NAME: C:\Users\jpush\OneDrive - QEI\OC\Doc\Consult\Projects\2406_D2-Vac\Var 210-017400-Work\WO-03410-CADD\Design\SH-T District Details.dgn

	USER NAME = jpush	DESIGNED -	REVISED - 3-02-16	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT 2 DETAILS IL 251 OVER BUREAU CREEK			F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					1177	(111BR-1)BDR	LEE	30	21
		CHECKED -	REVISED -					CONTRACT NO. 64T96				
	PLOT DATE = 6/20/2025	DATE - 08/06/2025	REVISED -					ILLINOIS FED. AID PROJECT				
SCALE: N.T.S.		SHEET 1	OF 9 SHEETS	STA.	TO STA.							

WORK ZONE SIGN DETAILS

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.

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

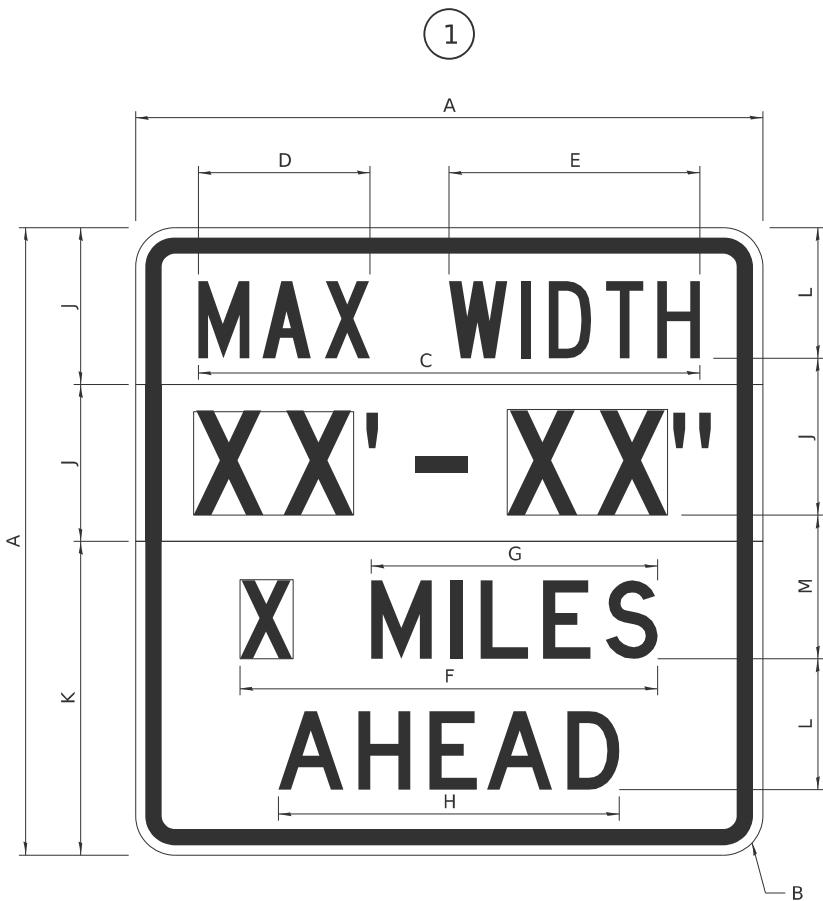
SIGN SIZE	DIMENSIONS	
	A	B
48 x 48	48.00	3.00

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

ILLINOIS STANDARD W12-I103



COLOR LEGEND AND BORDER BACKGROUND (WIDTH) BLACK WHITE FL ORANGE 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

MODEL: Default
FILE NAME: C:\Users\jpush\OneDrive - QEI\OCDO\Consult\Projects\2406_D2-Vac\var 210-017400-Work\WO-03410-CADD\Design\SHI_District Details.dgn

USER NAME	= jpush	DESIGNED	-	REVISED	-	3-02-16
		DRAWN	-	REVISED	-	
		CHECKED	-	REVISED	-	
PLOT DATE	= 6/20/2025	DATE	-	REVISED	-	08/06/2025

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT 2 DETAILS
IL 251 OVER BUREAU CREEK

SCALE: N.T.S. SHEET 2 OF 9 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1177	(111BR-1)BDR	LEE	30	22
CONTRACT NO. 64T96				
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
-------	---------------------------------	-----------------	------------------------------------

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	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

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

SIGN SIZE	SERIES BY LINE		
	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.

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

All dimensions are in inches unless otherwise noted.

MODEL: Default
FILE NAME: C:\Users\jpush\OneDrive - QEI\OCDO\Consult\Projects\2406_D2-Var\var 210-017400-Work\WO-03410-CADD\Design\SHI_District Details.dgn

	USER NAME = jpush	DESIGNED -	REVISED - 3-02-16	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT 2 DETAILS IL 251 OVER BUREAU CREEK			F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					1177	(111BR-1)BDR	LEE	30	23
		CHECKED -	REVISED -					CONTRACT NO. 64T96				
	PLOT DATE = 6/20/2025	DATE - 08/06/2025	REVISED -					ILLINOIS FED. AID PROJECT				
SCALE: N.T.S.		SHEET 3	OF 9 SHEETS	STA.	TO STA.							

ENTRANCE SIGN FOR USE
WITH TEMPORARY SIGNALS

WORK ZONE SIGN DETAILS



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

8.23	O	3.51	1.17	N	3.36	1.18	E	3.04
------	---	------	------	---	------	------	---	------

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

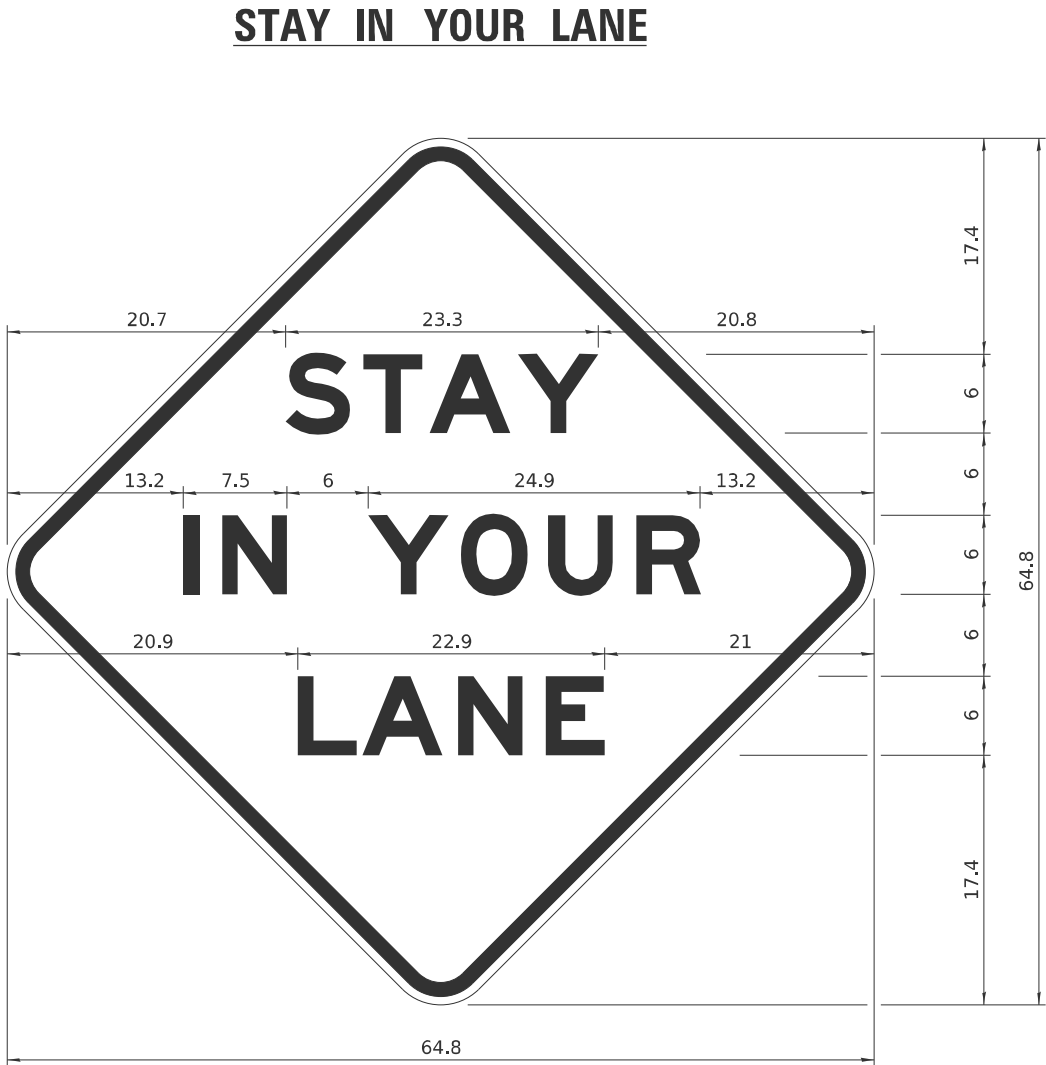
5.00	R	3.36	0.93	O	3.52	0.94	A	4.18	0.93	D	3.36	8.23
------	---	------	------	---	------	------	---	------	------	---	------	------

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

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

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

Sign not to scale



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

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

All dimensions are in inches unless otherwise noted.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT 2 DETAILS
IL 251 OVER BUREAU CREEK

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1177	(111BR-1)BDR	LEE	30	24
CONTRACT NO. 64T96				

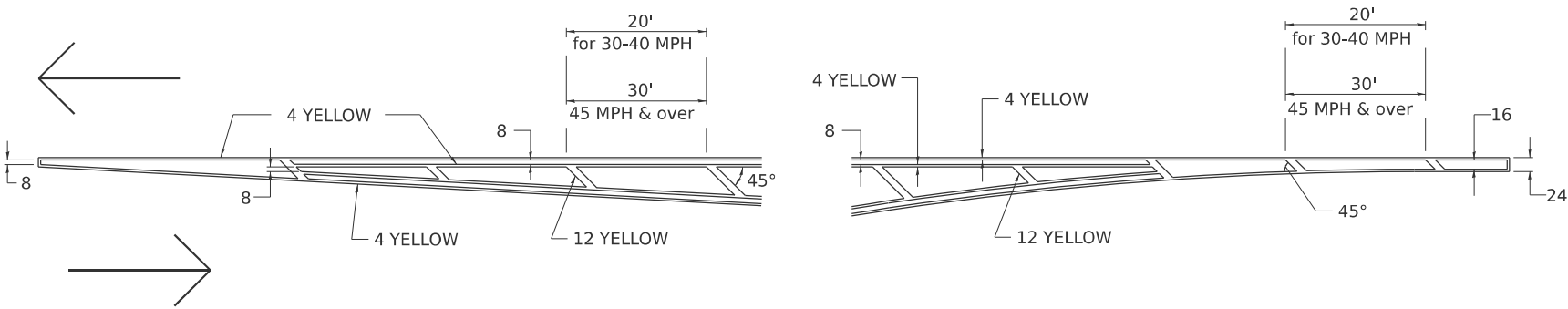
SCALE: N.T.S. SHEET 4 OF 9 SHEETS STA. TO STA.

ILLINOIS FED. AID PROJECT

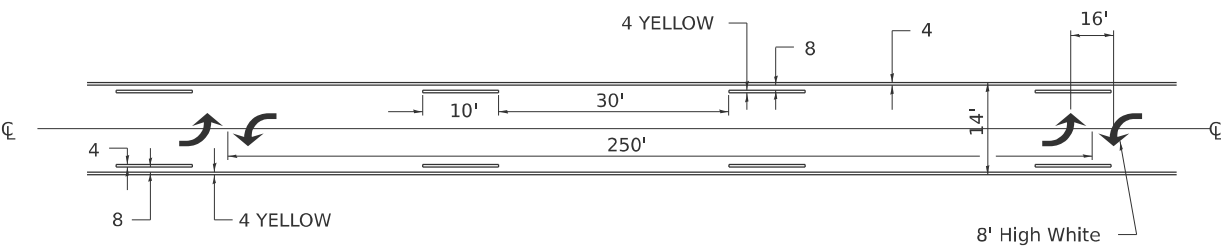
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FILE NAME: C:\Users\jpush\OneDrive - QEI\OCDO\Consult\Projects\2406_D2\Var\Var 210-017400-Work\WO-03410-CADD\Design\SH-T_District Details.dgn

TYPICAL PAVEMENT MARKINGS

TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN AT LEFT TURN LANE

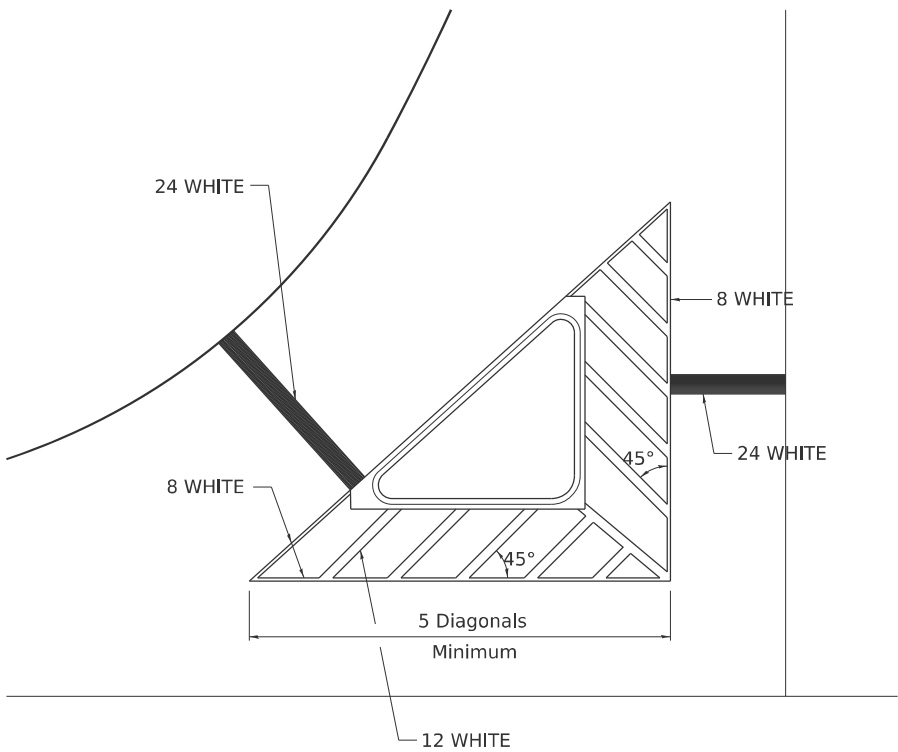


MEDIAN PAVEMENT MARKING

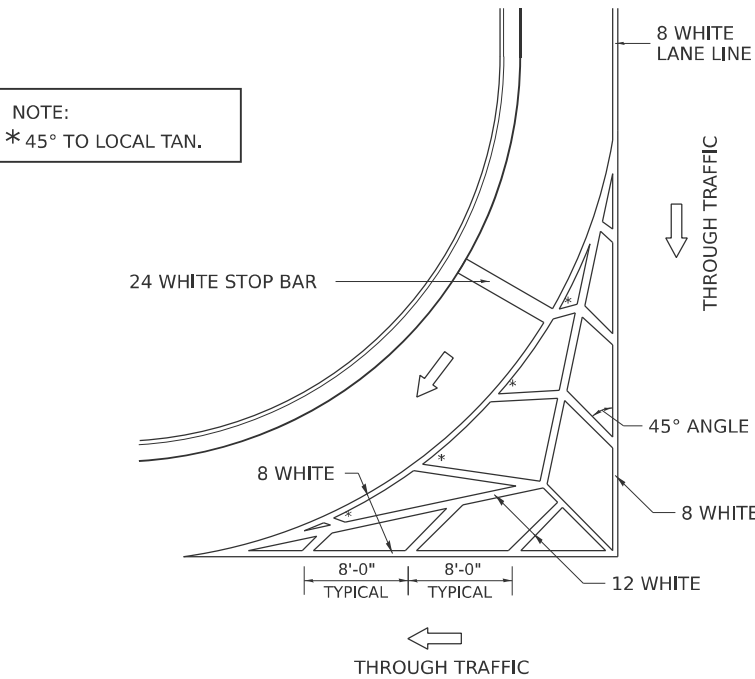


** ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

TYPICAL ISLAND OFFSET SHOULDER WIDTH

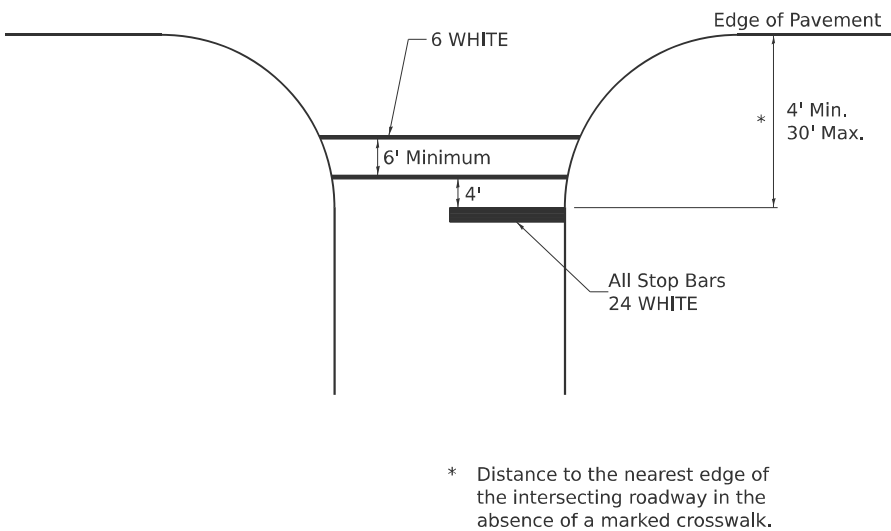


TYPICAL MARKING FOR PAINTED ISLANDS



STANDARD CROSSWALK MARKING

See Schedules for Locations



MODEL: Default
FILE NAME: C:\Users\jpush\OneDrive - QEI\OC\Doc\Consult\Projects\2406_D2-Vac\var 210-017\400-Work\WO-05410-CADD\Design\64T96_SHT_District Details.dgn

USER NAME	= jpush	DESIGNED -	REvised -	6-27-14
		DRAWN -	REvised -	3-05-12
		CHECKED -	REvised -	
PLOT DATE	= 6/20/2025	DATE	-	08/06/2025
		REvised -		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

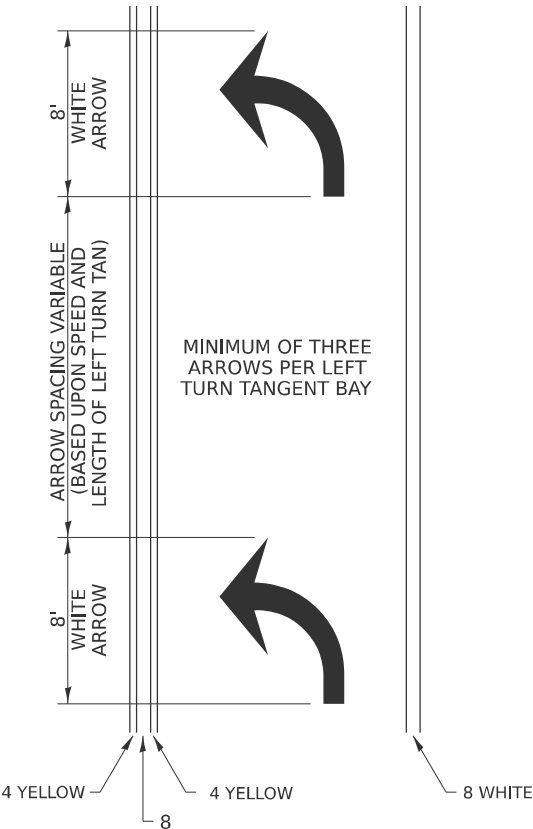
DISTRICT 2 DETAILS
IL 251 OVER BUREAU CREEK

SCALE: N.T.S. SHEET 5 OF 9 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1177	(111BR-1)BDR	LEE	30	25
CONTRACT NO. 64T96				
ILLINOIS FED. AID PROJECT				

TYPICAL PAVEMENT MARKINGS

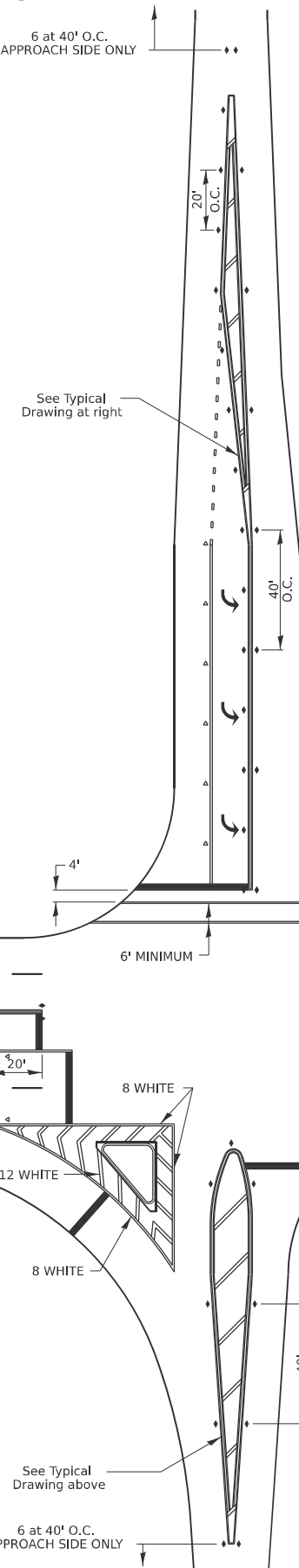
ARROW LAYOUT



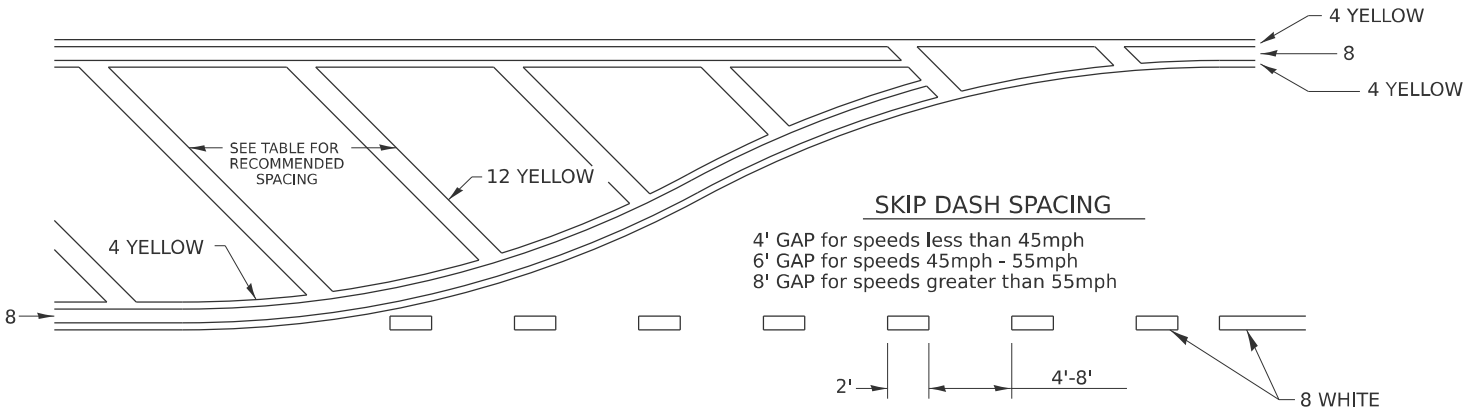
SYMBOLS

- ONE-WAY AMBER MARKER
- ONE-WAY CRYSTAL MARKER
- TWO-WAY AMBER MARKER

ALL DIMENSIONS ARE IN INCHES
UNLESS OTHERWISE NOTED.



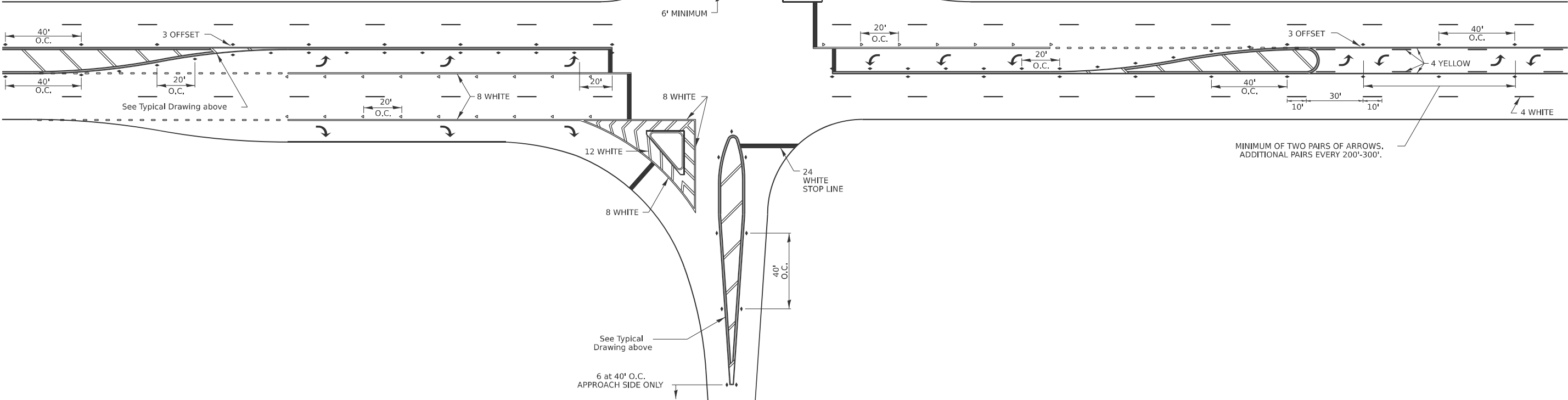
TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN



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: Default
FILE NAME: C:\Users\jpush\OneDrive - QEI\QCDocs\Consult\Projects\2406_D2-Var\Var 210-017400-Work\WO-05410-CADD\Design\64T96_SHT_District Details.dgn

USER NAME	= jpush	DESIGNED -	REVISED - 6-27-14
		DRAWN -	REVISED - 3-05-12
		CHECKED -	REVISED -
PLOT DATE	= 6/20/2025	DATE - 08/06/2025	REVISED -

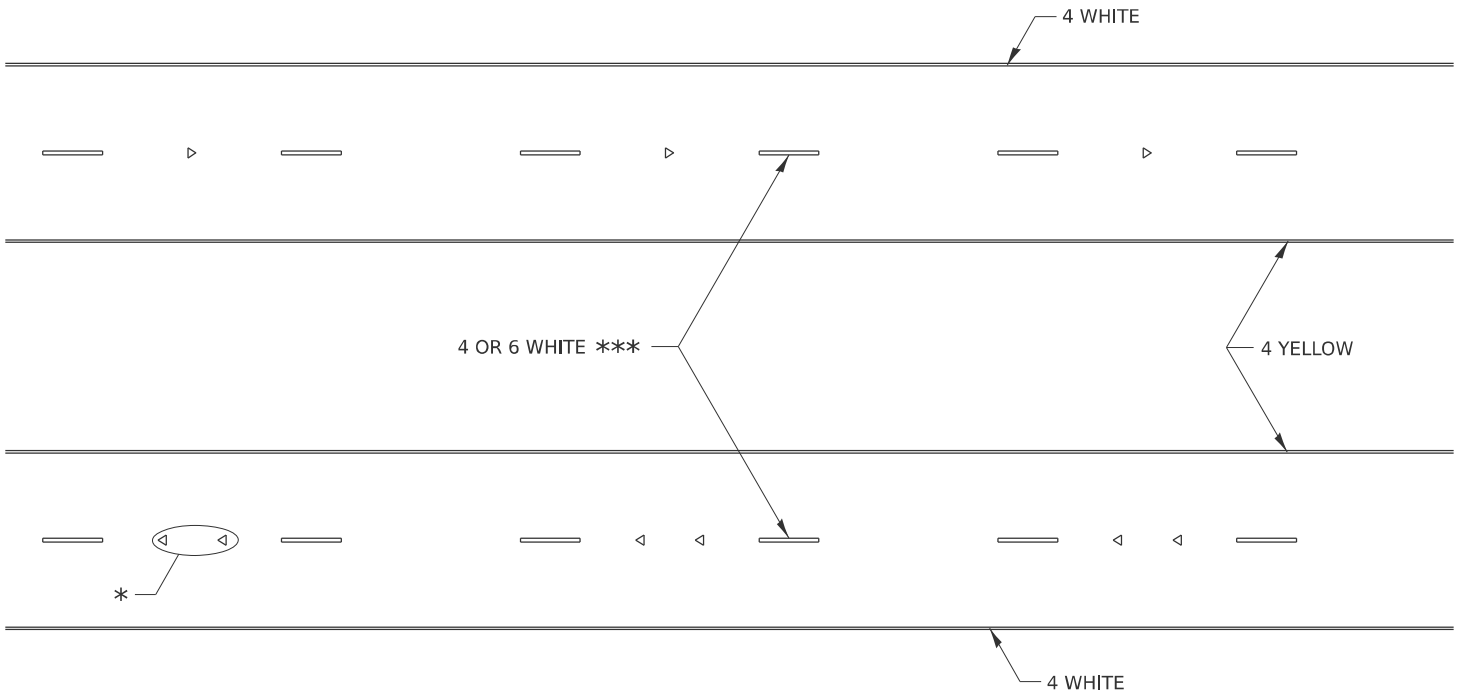
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT 2 DETAILS
IL 251 OVER BUREAU CREEK

SCALE: N.T.S. SHEET 6 OF 9 SHEETS STA. TO STA.

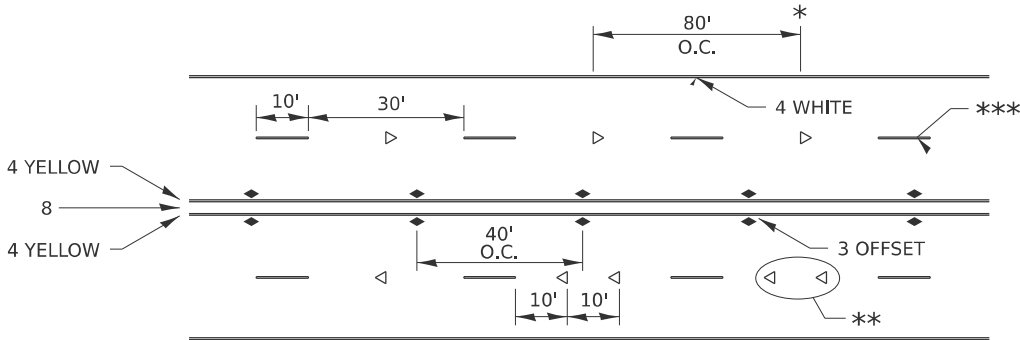
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1177	(111BR-1)BDR	LEE	30	26
CONTRACT NO. 64T96				
ILLINOIS FED. AID PROJECT				

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.

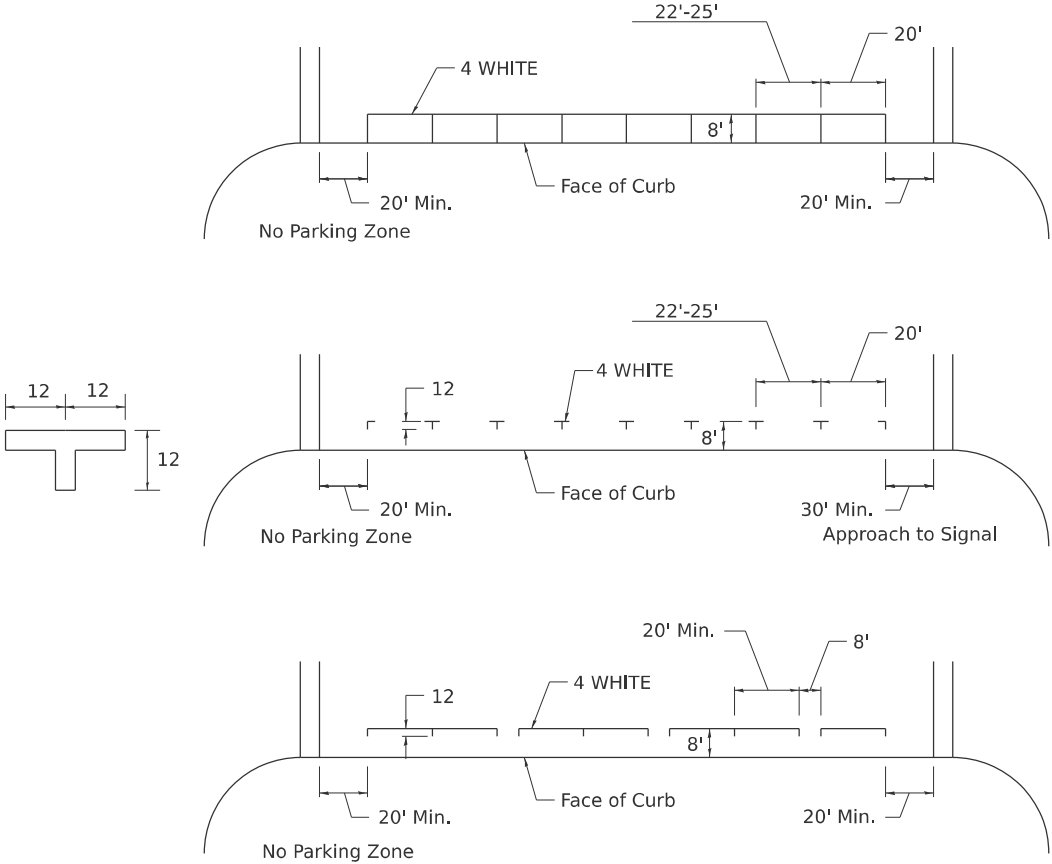
** USE DOUBLE MARKERS WHEN ADT ≥ 20,000

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

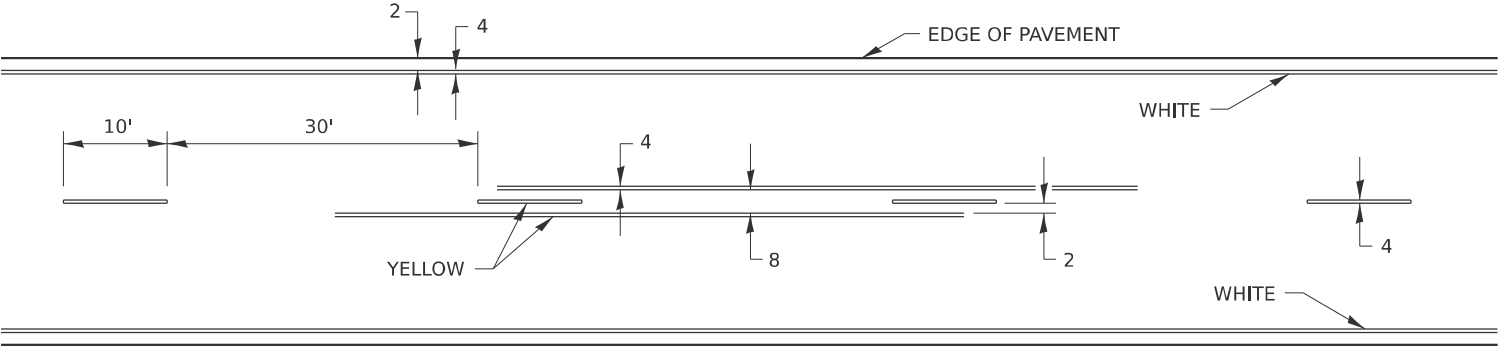
MULTI-LANE / UNDIVIDED & ONE WAY

(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: Default
FILE NAME: C:\Users\jpush\OneDrive - QEI\OCDO\Consult\Projects\2406_D2\Var\Var 210-017400\Work\WO-05410-CADD\Design\64T96_SHT_District Details.dgn

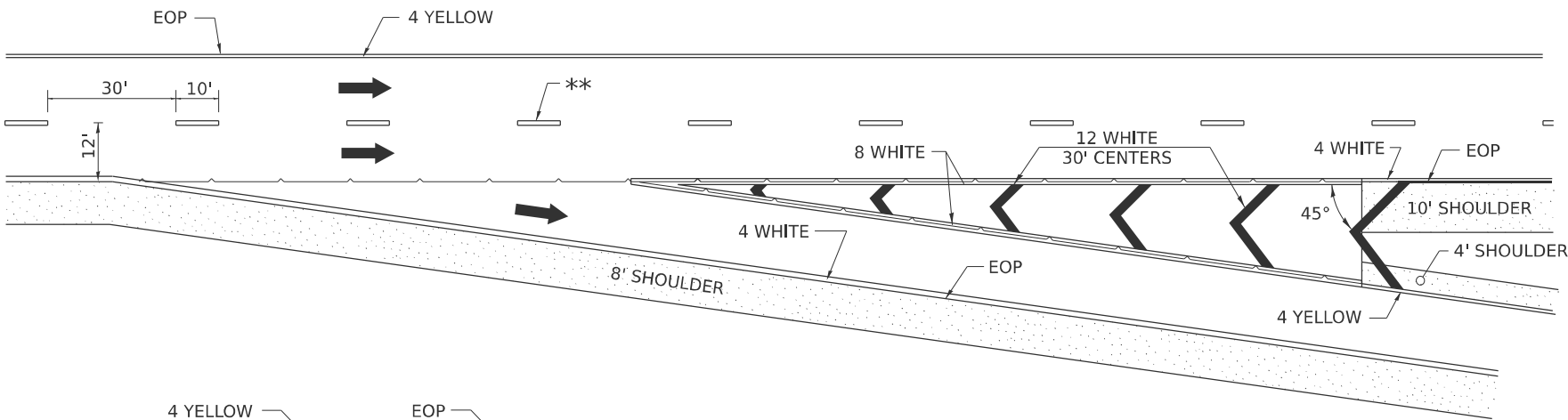
	USER NAME = jpush	DESIGNED -	REVISED - 6-27-14	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT 2 DETAILS IL 251 OVER BUREAU CREEK				F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED - 8-27-13						1177	(111BR-1)BDR	LEE	30	27
		CHECKED -	REVISED - 11-28-12						CONTRACT NO. 64T96				
	PLOT DATE = 6/20/2025	DATE - 08/06/2025	REVISED -		ILLINOIS FED. AID PROJECT								
					SCALE: N.T.S.	SHEET 7	OF 9 SHEETS	STA.	TO STA.				

TYPICAL PAVEMENT MARKINGS

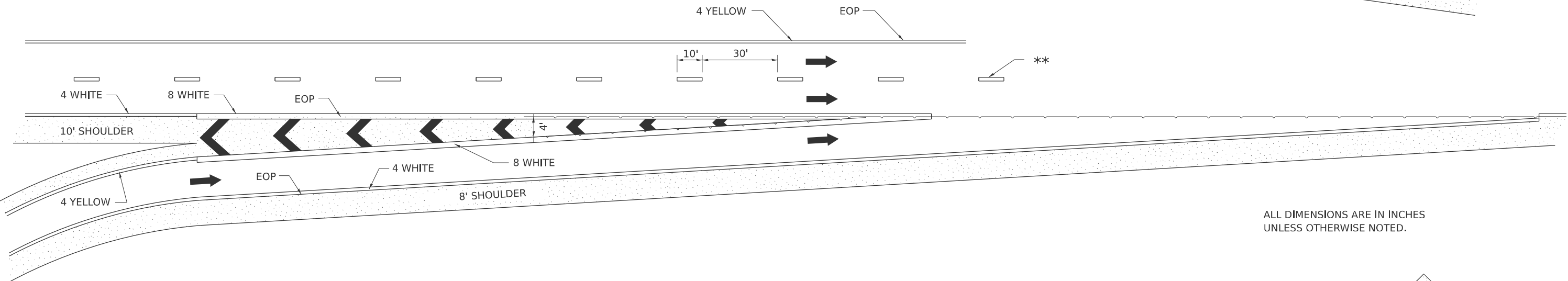
** 6" WHITE ON INTERSTATES, WHERE THE SPPED LIMIT IS 65 MPH, OR WHEN DIRECTED BY THE ENGINEER.
4" WIDE AT ALL OTHER LOCATIONS.

NOTE: GORE HATCHING PLACED ONLY WHEN SCHEDULED IN THE PLANS

EXIT RAMP

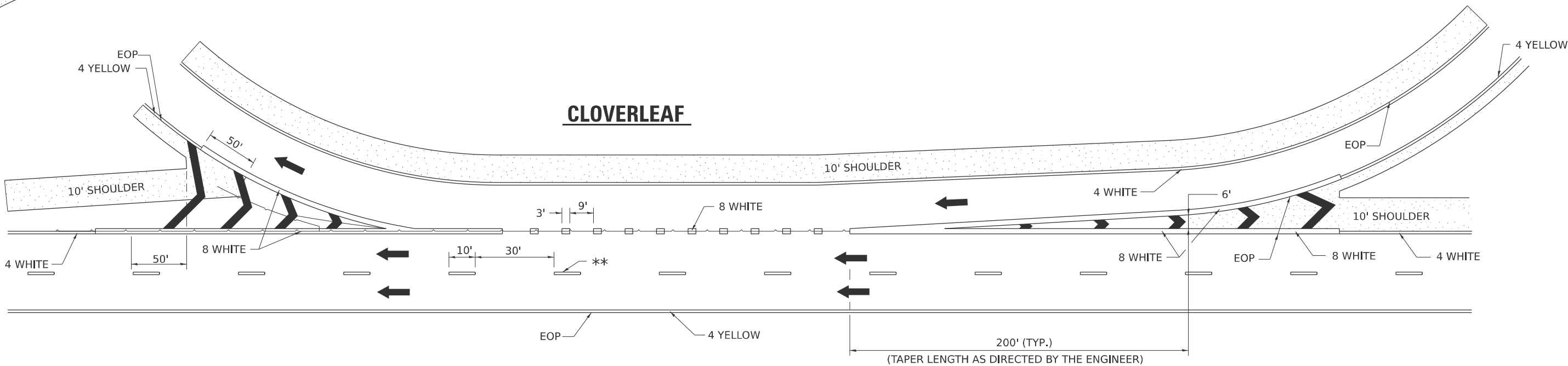


ENTRANCE RAMP



ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

CLOVERLEAF



MODEL: Default
FILE NAME: C:\Users\jpush\OneDrive - QEI\OCDO\Consult\Projects\2406_D2-Vac\var 210-017400-Work\WO-03410-CADD\Design\SHIT_District Details.dgn

PLOT DATE = 6/20/2025	USER NAME = jpush	DESIGNED -	REVISED - 9-15-23
		DRAWN -	REVISED - 8-27-13
		CHECKED -	REVISED - 10-18-11
	DATE - 08/06/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

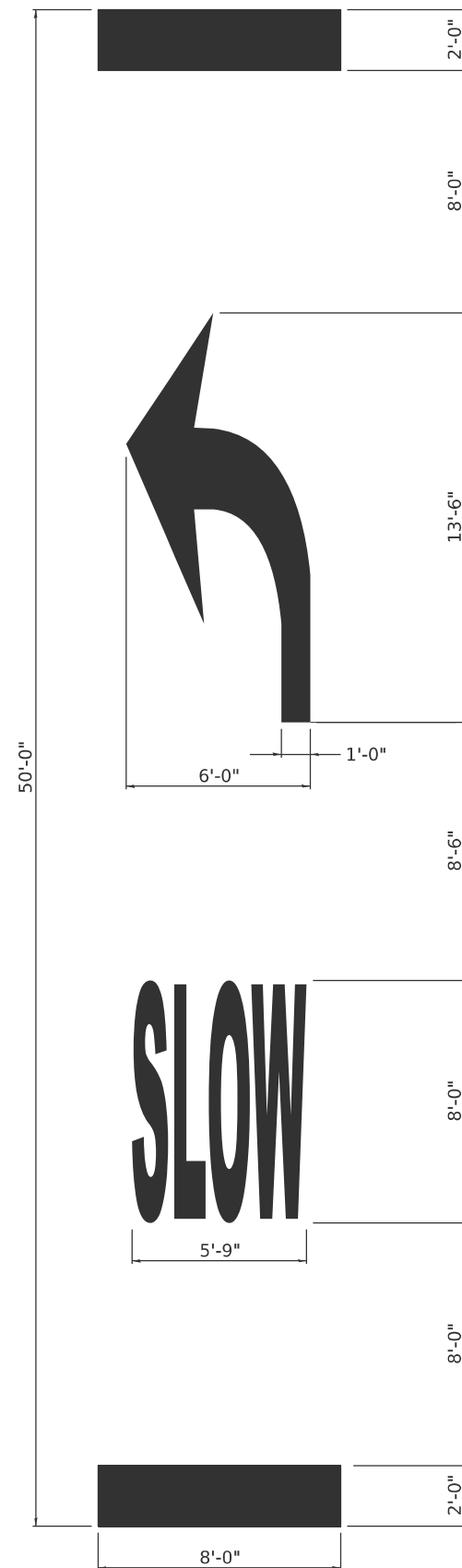
DISTRICT 2 DETAILS
IL 251 OVER BUREAU CREEK

SCALE: N.T.S. SHEET 8 OF 9 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1177	(111BR-1)BDR	LEE	30	28
CONTRACT NO. 64T96				
ILLINOIS FED. AID PROJECT				

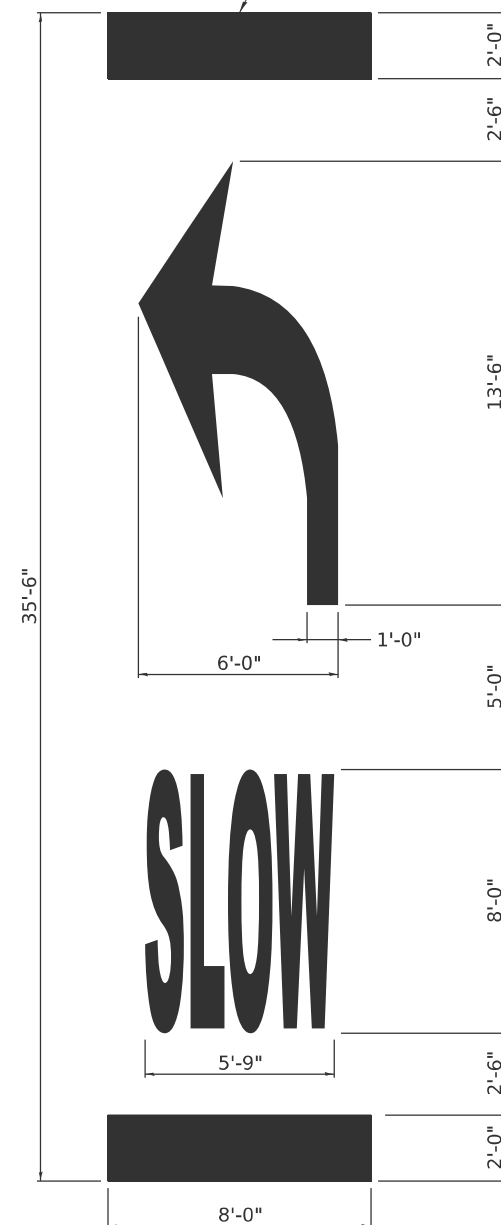
TYPICAL PAVEMENT MARKINGS

EDGE OF 24" PAVEMENT MARKING
- SHOULD CORRESPOND TO REFERENCE
POINT SET IN FIELD.



SLOW CURVE ARROW
HIGH-SPEED STANDARD MARKING

(POSTED SPEED LIMIT 40 MPH OR GREATER)

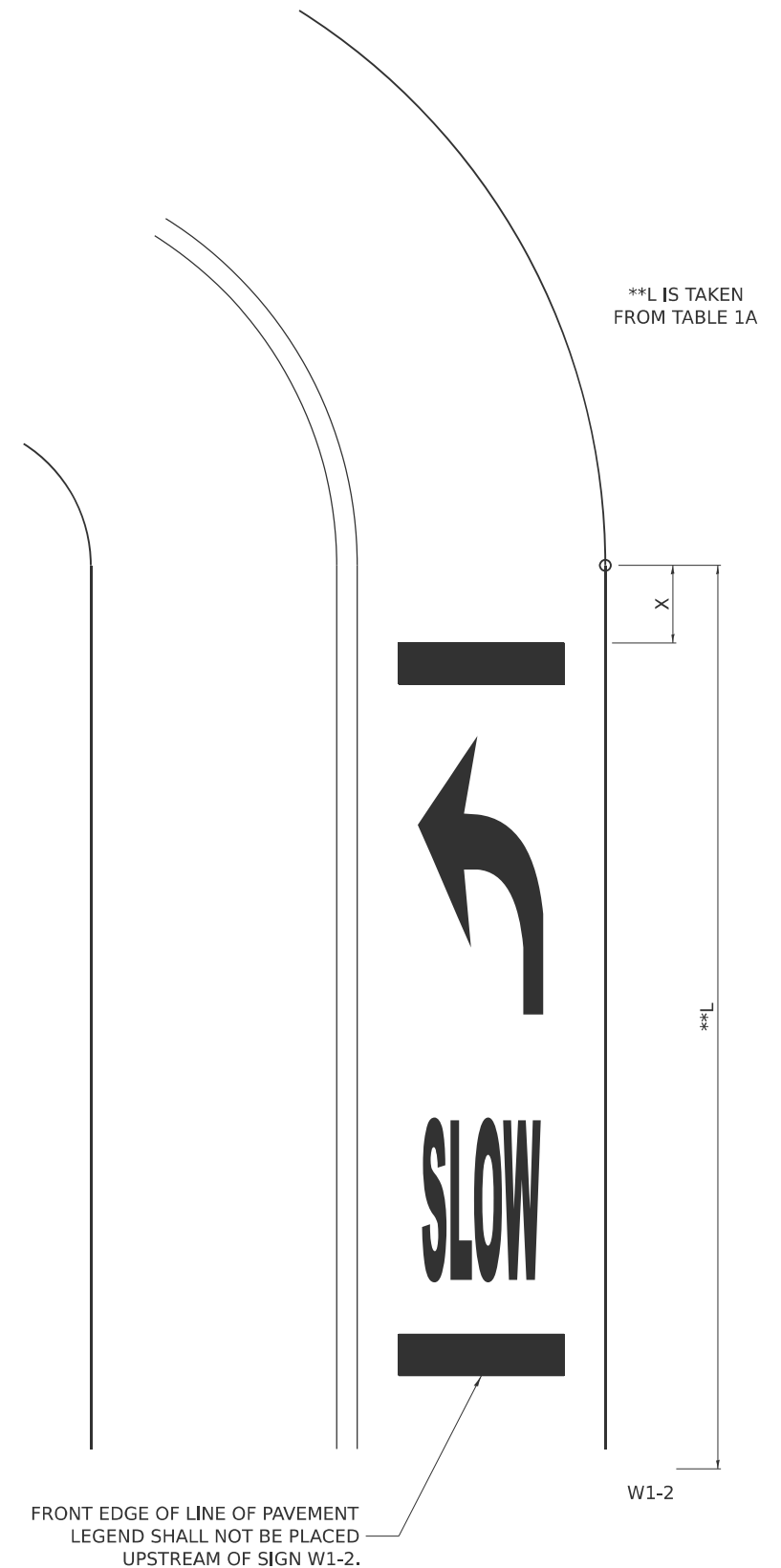


SLOW CURVE ARROW
LOW-SPEED STANDARD MARKING

(POSTED SPEED LIMIT 35 MPH OR LESS)

TABLE 1A								
POSTED SPEED	WARNING SPEED							
	20	25	30	35	40	45	50	55
	VALUE OF X (FT.)							
20 *	100							
25 *	100	100						
30 *	100	100	100					
35 *	100	100	100	100				
40 *	100	100	100	100	100			
45 *	125	110	100	100	100	100		
50 *	225	200	175	135	100	100	100	
55 *	300	275	250	200	175	135	100	100

* NOTE: ON ROADWAYS WITH A POSTED SPEED LIMIT OF 35 MPH OR LESS, USE THE 35'-6" PAVEMENT MARKING LEGEND AS SHOWN IN THE SLOW CURVE ARROW, LOW-SPEED STANDARD MARKING. ON ALL OTHER ROADWAYS, USE THE 50'-0" PAVEMENT MARKING LEGEND AS SHOWN ON THE SLOW CURVE ARROW, HIGH-SPEED STANDARD MARKING.

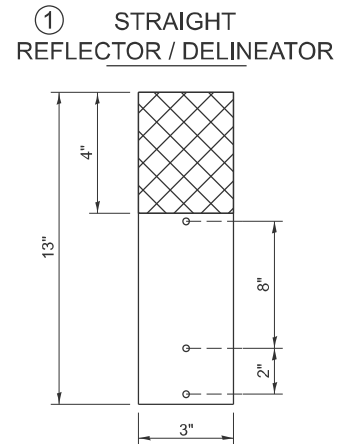
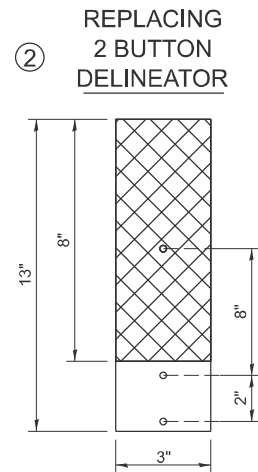
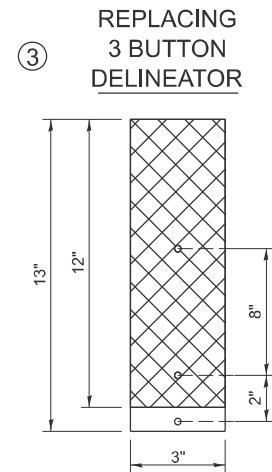


TYPICAL LAYOUT AND PLACEMENT OF SUPPLEMENTAL CURVE PLACEMENT MARKING

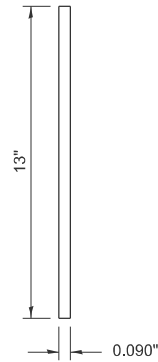
(POSTED SPEED LIMIT TO MATCH OR GREATER) USER NAME = jpush DESIGNED - 4-17-25 DRAWN - CHECKED - PLOT DATE = 6/20/2025 DATE - 08/06/2025		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				DISTRICT 2 DETAILS IL 251 OVER BUREAU CREEK				F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
										1177	(111BR-1)BDR	LEE	30	29
										CONTRACT NO. 64T96				
										ILLINOIS FED. AID PROJECT				
										SCALE:	SHEET	OF	SHEETS	STA. TO STA.

REFLECTORS (SPECIAL)

DELINEATOR REPLACEMENT



SIDE VIEW



NOTE:

REFLECTOR REPLACEMENT SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR GUARDRAIL REFLECTORS, TYPE C (SPECIAL), WHICH INCLUDES ALL MOUNTING HARDWARE OUTLINED IN SECTION 635 OF THE SPEC BOOK.

DELINEATOR INSTALLATION (REFLECTOR AND POST) SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR DELINEATORS (SPECIAL), WHICH INCLUDES ALL MOUNTING HARDWARE OUTLINED IN SECTION 635 OF THE SPEC BOOK.

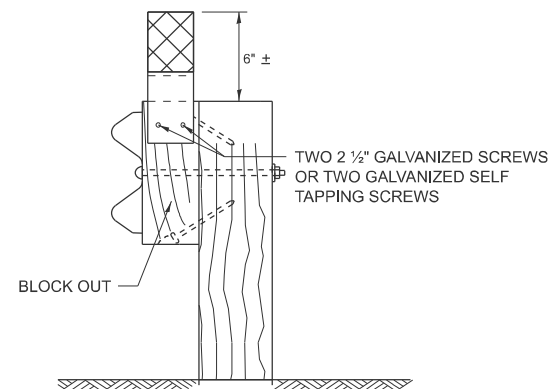
REFLECTORS INSTALLED ON TWO LANE ROADS SHALL BE DOUBLE SIDED AND BOTH SIDES SHALL BE CRYSTAL.

REFLECTORS INSTALLED ON CENTER BARRIER OR IN THE MEDIAN SHALL BE DOUBLE SIDED AND BOTH SIDES SHALL BE YELLOW.

REFLECTORS INSTALLED ON DIVIDED HIGHWAYS ON THE OUTSIDE OF THE ROADWAY SHALL BE DOUBLE SIDED CRYSTAL.

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

REFLECTORS FOR GUARDRAIL
BLOCK OUT OR DELINEATOR POST

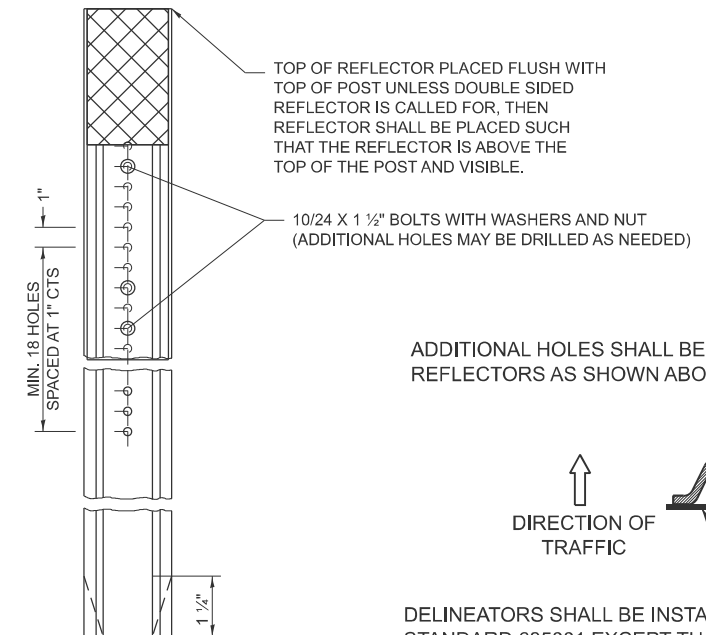


MOUNTED ON A GUARDRAIL BLOCK OUT

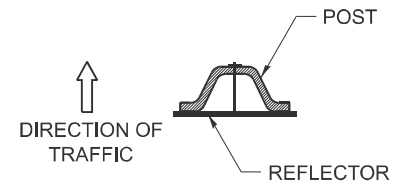
REFLECTORS SHALL BE MOUNTED DIRECTLY TO
BLOCK OUTS.

REFLECTORS MOUNTED ON WOODEN OR PLASTIC OR METAL BLOCK OUT SHALL BE MOUNTED USING TWO 2 1/2" GALVANIZED SCREWS WITH WASHERS OR TWO SELF TAPPING GALVANIZED SCREWS WITH WASHERS.

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

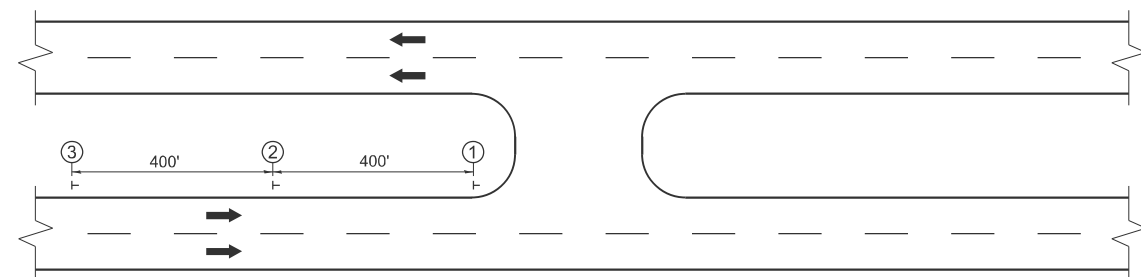


ADDITIONAL HOLES SHALL BE DRILLED IN THE REFLECTORS AS SHOWN ABOVE.



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 ATTACHED AS SHOWN ABOVE.

MOUNTED ON A DELINEATOR POST

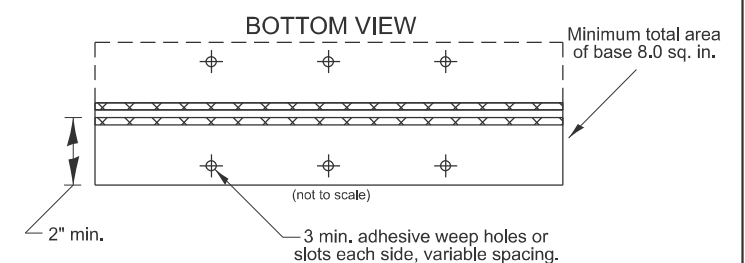
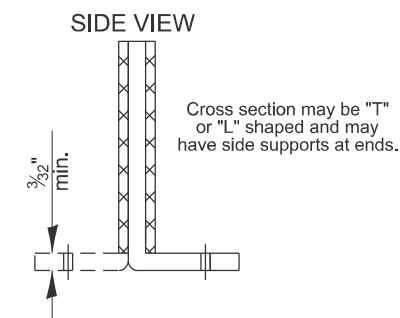
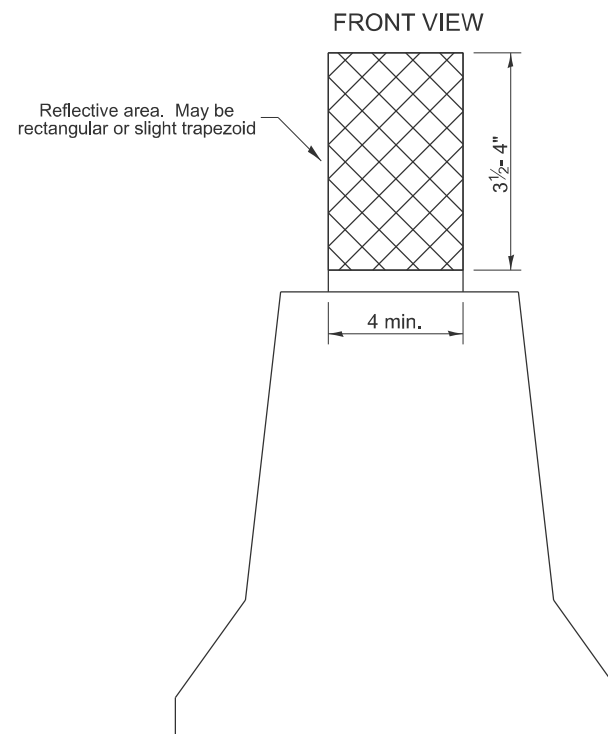


LEGEND

| OR | = DELINEATOR

 = REFLECTIVE AREA

REFLECTORS MOUNTED ON BARRIER WALL



NOTE:

REFLECTORS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR BARRIER WALL REFLECTORS (SPECIAL), WHICH PRICE SHALL ALSO INCLUDE SCREWS, 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 ALONG THE
OUSTIDE OF THE HIGHWAY SHALL BE DOUBLE SIDED CRYSTAL.

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

USER NAME = jpush	DESIGNED -	REVISED - 3-07-25
	DRAWN -	REVISED - 3-07-24
	CHECKED -	REVISED - 4-27-23
PLOT DATE = 6/20/2025	DATE - 08/06/2025	REVISED - 6-21-21

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT 2 DETAILS

IL 251 OVER BUREAU CREEK

SCALE: N.T.S.	SHEET 9	OF 9	SHEETS	STA.	TO STA.
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1177	(111BR-1)BDR	LEE	30	30
		CONTRACT NO. 64T96		
		ILLINOIS	FED. AID PROJECT	

MODEL: Default
FILE NAME: C:\Users\pushOneDrive - QEIQCDoc\Consult\Projects\2406_D2-Var-Var 210-017400-Work\WC0-054110-CADD\Design\64796_SHT_District_Details.dgn