# STATE OF ILLINOIS

#### 

D-92-078-21

# **DEPARTMENT OF TRANSPORTATION**

# PROPOSED HIGHWAY PLANS

SEE SHEET 2 OF 2 OF INDEX OF SHEETS

ROUTE FAP 17A (ILL 64) & FAP 553 (ILL 72)
SECTION D2 BDR 2022-1
PROJECT
BRIDGE REHABILITATION
OGLE COUNTY, IL

C-92-007-22

### **EXISTING STRUCTURE**

SN 071-0077 A 3 SPAN
CONCRETE GIRDER SUPERSTRUCTURE
WITH CLOSED ABUTMENTS
AND WALL PIERS.
BACK TO BACK LENGTH = 221'-8"
OUT TO OUT WIDTH = 35'-2"

#### **EXISTING STRUCTURE**

SN 071-0084 A SINGLE SPAN
CONCRETE GIRDER SUPERSTRUCTURE
WITH CLOSED ABUTMENTS
BACK TO BACK LENGTH = 81'
OUT TO OUT WIDTH = 35'-2"

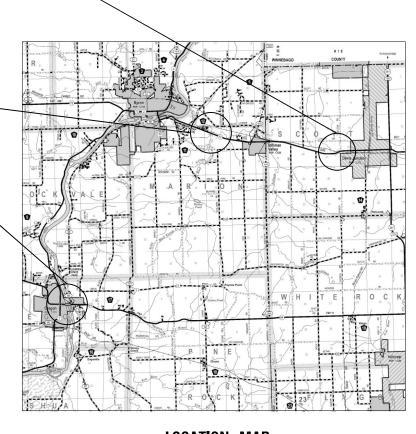
#### **EXISTING STRUCTURE**

SN 071-0088 A 7 SPAN
STEEL GIRDER SUPERSTRUCTURE
WITH CLOSED ABUTMENTS
AND WALL PIERS.
BACK TO BACK LENGTH = 915'-4"
OUT TO OUT WIDTH = 61'-8"

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

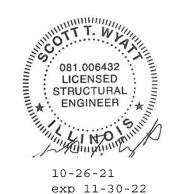
J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1–800–892–0123
OR 811

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



**LOCATION MAP** 

GROSS LENGTH = 1,218.00 FT. = 0.23 MILE NET LENGTH = 1,218.00 FT. = 0.23 MILE



DO DAVIESS STEPHENSON RINNEBAGO BOONE MC HENRY LAKE

CARROLL

WHITESIDE

LEE

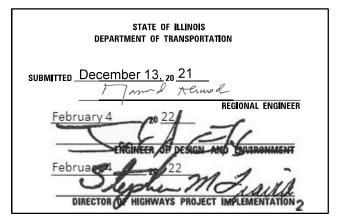
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CONTRACT NO. 64R34

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- GENERAL NOTES/ CONSTRUCTION SEQUENCE
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- 23. SN 071-0084 REPAIR DETAILS

#### STATE HIGHWAY STANDARDS

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
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
701326-04	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING FOR SPEEDS > 45 MPH
701611-01	URBAN HALF ROAD CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701901-08	TRAFFIC CONTROL DEVICES
704001-08	TEMPORARY CONCRETE BARRIER
780001-05	TYPICAL PAVEMENT MARKINGS

GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

#### MAINTENANCE OF TRAFFIC GENERAL NOTES

- 1. THE MAINTENANCE OF TRAFFIC CONTROL (MOT) PLANS SHALL SERVE AS A GUIDE FOR SAFE DIVERSION OF TRAFFIC DURING EXECUTION OF THIS CONTRACT. HOWEVER, THE CONTRACTOR MAY MODIFY THE MOT PLANS TO MEET CONSTRUCTION NEEDS, BUT NOT AT THE EXPENSE OF PUBLIC SAFETY OR CONVENIENCE. ANY CHANGES TO THE MOT PLANS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.
- 2. THE ENGINEER SHALL BE INFORMED 48 HOURS IN ADVANCE OF ANY PROPOSED CHANGE TO THE MOT PLANS.
- 3. ALL EXISTING PAVEMENT MARKINGS IN CONFLICT WITH THE MAINTENANCE OF TRAFFIC STRIPING SHALL BE BLACKED OUT TO THE LIMITS SHOWN IN THE PLANS.
- 4. ALL TEMPORARY PAVEMENT MARKING WHICH CONFLICTS WITH THE NEXT STAGE OR FINAL STRIPING SHALL BE BLACKED OUT TO THE LIMITS SPECIFIED IN THE PLANS AND IN THE SCHEDULES OF PAVEMENT MARKING.
- 5. ALL TRAFFIC CONTROL DEVICES USED FOR THE MAINTENANCE OF TRAFFIC, AS DETAILED ON THE PLANS OR HIGHWAY STANDARD, SHALL BE REFLECTORIZED PRIOR TO INSTALLATION AND CLEANED AS SPECIFIED IN THE MAINTENANCE OF TRAFFIC SPECIAL PROVISIONS OR AS DIRECTED BY THE ENGINEER.
- 6. ALL DRUMS, VERTICAL PANELS AND BARRICADES ADJACENT TO THE EDGE OF TRAVELED WAY SHALL BE EQUIPPED WITH BI-DIRECTIONAL STEADY-BURNING LIGHTS.
- 7. ALL EXISTING SIGNS WITHIN MAINTENANCE OF TRAFFIC LIMITS WHICH ARE OBSCURED BY OR INTERFERE WITH CONSTRUCTION OPERATIONS AND MAINTENANCE OF TRAFFIC, SHALL BE COVERED OR REMOVED BY THE CONTRACTOR UNLESS SPECIFIED IN THE PLANS OR WHEN DIRECTED BY THE ENGINEER. THIS WORK SHALL BE IN ACCORDANCE WITH ARTICLE 107.25 OF THE IDOT STANDARD SPECIFICATIONS.
- 8. 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
- 9. AS AN ADDITIONAL SOURCE OF INFORMATION IF NEEDED, ORIGINAL CONSTRUCTION SECTION NUMBER FOR STRUCTURE NUMBER 071-0088 IS BRF-17 (104). UNITS OF MEASUREMENT FOR BRF-17 (104) ARE METRIC. ORIGINAL CONSTRUCTION SECTION NUMBER FOR 071-0084 IS 119 BR-2. ORIGINAL CONSTRUCTION SECTION NUMBER FOR 071-0077 IS 120 BR.
- 10. THE CONTRACTOR SHALL CONTACT THE IDOT DISTRICT 2 ENGINEER AT (815)284-2271 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

#### PAY ITEMS FOR MAINTENANCE OF TRAFFIC WORK

ITEM "TEMPORARY BRIDGE TRAFFIC SIGNALS" IS INTENDED FOR THE MATERIAL. EQUIPMENT AND LABOR NECESSARY FOR THE INSTALLATION, MAINTENANCE AND RELOCATION OF THE TEMPORARY TRAFFIC SIGNALS AT BOTH ENDS OF CONSTRUCTION FOR SN 071-0077 AND SN 071-0084.

ITEM "TRAFFIC CONTROL AND PROTECTION, STANDARD 701201" IS INTENDED FOR THE MATERIAL, EQUIPMENT AND LABOR NECESSARY FOR THE INSTALLATION, MAINTENANCE AND RELOCATION OF SIGNS, DRUMS, LIGHTS, PANELS, AND REFLECTORS NECESSARY TO MAINTAIN SAFE TRAFFIC FLOW DURING PRE-STAGE CONSTRUCTION FOR SN 071-0077 IN ACCORDANCE WITH IDOT STANDARD 701201.

ITEM "TRAFFIC CONTROL AND PROTECTION, STANDARD 701326" IS INTENDED FOR THE MATERIAL, EQUIPMENT AND LABOR NECESSARY TO MAINTAIN TRAFFIC CONTROL AND PROTECTION FOR SN 071-0077 PRE-STAGE CONSTRUCTION DROP-OFF AND OPEN AREAS DURING TIMES WHEN CONTRACTOR IS NOT ENGAGING IN CONSTRUCTION OPERATIONS

ITEM "TRAFFIC CONTROL SURVEILLANCE" IS INTENDED FOR THE MATERIAL. EQUIPMENT AND LABOR NECESSARY TO MAINTAIN TRAFFIC CONTROL AND PROTECTION FOR SN 071-0077 PRE-STAGE CONSTRUCTION DROP-OFF AND OPEN AREAS DURING TIMES WHEN CONTRACTOR IS NOT ENGAGING IN CONSTRUCTION OPERATIONS.

ITEM "TRAFFIC CONTROL AND PROTECTION, STANDARD 701321" IS INTENDED FOR THE MATERIAL, EQUIPMENT AND LABOR NECESSARY FOR THE INSTALLATION, MAINTENANCE AND RELOCATION OF TEMPORARY TRAFFIC SIGNALS, SIGNS, DRUMS, LIGHTS, PANELS, AND REFLECTORS NECESSARY TO MAINTAIN SAFE TRAFFIC FLOW DURING THE SETUP OF STAGED CONSTRUCTION MAINTENANCE OF TRAFFIC IN ACCORDANCE WITH IDOT STANDARD 701321. THIS ITEM IS VALID AT ALL CONSTRUCTION LOCATIONS.

ITEM "TRAFFIC CONTROL AND PROTECTION, STANDARD 701331" IS INTENDED FOR THE MATERIAL, EQUIPMENT AND LABOR NECESSARY FOR THE INSTALLATION, MAINTENANCE AND RELOCATION OF SIGNS, DRUMS, LIGHTS, PANELS, AND REFLECTORS NECESSARY TO MAINTAIN SAFE TRAFFIC FLOW DURING STAGED CONSTRUCTION FOR SN 071-0088 IN ACCORDANCE WITH IDOT STANDARD 701331.

ITEM "PAVEMENT MARKING BLACKOUT TAPE" IS INTENDED FOR THE MATERIAL, EQUIPMENT AND LABOR NECESSARY TO PLACE AND MAINTAIN BLACKOUT TAPE OF THE TYPE, SIZE AND LIMITS SPECIFIED IN THE PLANS, SPECIFICATIONS, AND IDOT STANDARD 780001. THIS ITEM IS VALID AT ALL CONSTRUCTION LOCATIONS.

ITEM "TEMPORARY PAVEMENT MARKING TAPE" IS INTENDED FOR THE MATERIAL, EQUIPMENT AND LABOR NECESSARY TO PLACE AND MAINTAIN TEMPORARY PAVEMENT MARKING TAPE OF THE TYPE, SIZE AND LIMITS SPECIFIED IN THE PLANS, SPECIFICATIONS, AND IDOT STANDARD 780001. THIS ITEM IS VALID AT ALL CONSTRUCTION LOCATIONS.

ITEM "SHORT TERM PAVEMENT MARKING REMOVAL" IS INTENDED FOR THE MATERIAL, EQUIPMENT AND LABOR NECESSARY TO REMOVE TEMPORARY PAVEMENT MARKINGS TO THE LIMITS SPECIFIED IN THE PLANS.

#### SN 071-0077 AND SN 071-0084 SUGGESTED MAINTENANCE OF TRAFFIC SEQUENCING

PRESTAGE (SN 071-0077 ONLY)

INSTAL CONSTRUCTION TRAFFIC CONTROL SIGNS, DRUMS AND BARRICADES FOR PRE-STAGE CONSTRUCTION. PHYSICAL LOCATIONS FOR "ROAD CONSTRUCTION AHEAD" AND "ONE LANE ROAD AHEAD" SIGNS DO NOT CHANGE DURING STAGE 1 AND STAGE 2 UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

EXCAVATE AND PLACE HOT-MIX ASPHALT SHOULDERS 8" DEEP TO THE LIMITS SHOWN IN THE PLANS. GUARDRAIL DAMAGED BY EXCAVATION AND PAVING FOR SHOULDERS SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.

PRE-STAGE PHASE 2 SHOULDER WORK MAY BE DONE DURING STAGE 1 MOT SETUP. THE FOLLOWING WILL APPLY IF THIS OPTION IS PURSUED:

All Pre-Stage Phase 2 shoulder work must be done during the Stage 1 MOI setup. A revised schedule of work must be submitted to the Engineer for approval prior to beginning of contract work. All labor, equipment and material for shoulder work must be kept behind the Stage I Temporary Concrete Barrier Wall. Traffic control and protection will be included in the original price bid for Stage 1 MOI I tems "Traffic Control & Protection Sta 701521", "Temporary Concrete Barrier Wall", and "Temporary Bridge Traffic Signals".

Provisions, notes, and Items "Traffic Control Surveillance", "Traffic Control & Protection Standard 701326", and "Traffic Control & Protection Standard 701201" will only apply for Pre-Stage Phase 1 MOT.

STAGE 1 (SN 071-0077 AND SN 071-0084)
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
OTHERWISE DIRECTED BY THE ENGINEER.

MERGE ALL TRAFFIC IN BOTH DIRECTIONS TO THE EXISTING EASTBOUND LANE AND SHOULDER.

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

STAGE 2 (SN 071-0077 AND SN 071-0084)
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.

MERGE ALL TRAFFIC IN BOTH DIRECTIONS TO THE EXISTING WESTBOUND LANE AND SHOULDER.

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 (SN 071-0077 AND SN 071-0084) REMOVE ALL CONSTRUCTION TRAFFIC CONTROL AND TEMPORARY CONSTRUCTION ITEMS.

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

#### SN 071-0088 SUGGESTED MAINTENANCE OF TRAFFIC SEQUENCING

TAGE 1

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

MOVE ALL TRAFFIC TO THE TWO LANES SOUTH OF THE CENTERLINE FOR SN 071-0088.

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

STAGE 2

CHANCE STAGE 1 CONSTRUCTION TRAFFIC CONTROL SIGNS, DRUMS, AND TEMPORARY PAVEMENT MARKINGS AS NEEDED TO REFLECT STAGE 2 PLANS AND APPROPRIATE STANDARD DRAWINGS.

MOVE ALL TRAFFIC TO THE TWO LANES NORTH OF THE CENTERLINE FOR SN 071-0088.

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.

# HAMILTON CONSULTING BY STATE OF THE STATE O

782006-01

LTING	USER NAME = mbuiting	DESIGNED -	REVISED -
		DRAWN - DWS	REVISED -
	PLOT SCALE = 100 0000 / in	CHECKED -	REVISED -
	PLOT DATE = 12/15/2021	DATE -	REVISED -

	100% STATE URBAN	SU	MMARY	OF	QUANT	ITIES
CODE NO.	ITEM	UNIT	TOTAL QUANTITY 0047		CODE NO.	
20200600	EXCAVATING AND GRADING EXISTING SHOULDER	UNIT	5		70600250	IMPACT
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	482		70600350	IMPACT
67100100	MOBILIZATION	L SUM	1	*	78200005	GUARDR
70100405	TRAFFIC CONTROL AND PROTECTION, STANDARD 701321	EACH	2	*	78200011	BARRIE
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1		Z0016200	DECK S
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1			
70102634	TRAFFIC CONTROL AND PROTECTION, STANDARD 701611	L SUM	1			
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	14			
70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	2			
70107006	PAVEMENT MARKING BLACKOUT TAPE, 6"	FOOT	3, 715			
70107012	PAVEMENT MARKING BLACKOUT TAPE, 12"	FOOT	210			
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	7, 336			
70307120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	FOOT	19,095			
70307210	TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE	FOOT	48			
70400100	TEMPORARY CONCRETE BARRIER	FOOT	851			
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	851			

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY 0047
	70600250	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3	EACH	4
	70600350	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 3	EACH	4
*	78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	46
*	78200011	BARRIER WALL REFLECTORS, TYPE C	EACH	212
	Z0016200	DECK SLAB REPAIR (PARTIAL)	SQ YD	730

100% STATE URBAN

\*= SPECIALTY ITEM

Hamilton consulting engineers, inc.

G	USER NAME = mbuiting	DESIGNED - MGB	REVISED -
		DRAWN - DWS	REVISED -
	PLOT SCALE = 2 0000 / in	CHECKED - HJH	REVISED -
	PLOT DATE = 12/15/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 64 OVER ROO	CK RIVER	R. IL	72 0	/ER BLAC	K WALI	IUT & KILBUCK CREEKS	F.A.P. RTE.	SECTION
		SII	ммаі	RY OF QL	IANTITIE	FS	17A & 553	D2 BDR 2022-1
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SCALE: NA	SHEET	3	OF 2	3 SHEETS	STA.	TO STA.		ILLINOIS FED

			STAGI	=1						
	1					Pave	ement Marl	kings	Marking Re	moval
ltem	Location	Sta	tion	Of	iset		ut Tape		Blackout Tape	
		Begin	End	Min	Max		Foot (12")	Foot	Sq Ft	Sq Ft
6" Blackout Tape	Centerline Dbl Yellow Island	1045+15	1047+50	8.0' Lt	4.0' Rt	470		1001	235	
12" Blackout Tape	Centerline Diagonals	1045+15	1047+50				38		38	
6" Blackout Tape	Centerline Dbl Yellow Island	1057+80	1060+05	8.0' Rt	4.0' Lt	450			225	
12" Blackout Tape	Centerline Diagonals	1057+80	1060+05				36		36	
6" Blackout Tape	Island Bullnose, Dbl Yellow Line	1060+60	1064+00	8.0' Rt	4.0' Lt	1020			510	
12" Blackout Tape	Island Diagonals	1060+60	1064+00				136		136	
6" Blackout Tape	Left Turn Lane Line	1058+90	1060+05	8.0' Rt	4.0' Lt	115			58	
4" White Temp Marking	Left Travel Lane Edgeline	1044+55	1060+25	3.0' Rt	33.0' Lt			1570		
4" White Temp Marking	Left Travel Lane Edgeline	1060+75	1064+45	21.0' Lt	63.0' Lt			200		
4" Yellow Temp Marking	Centerline	1044+55	1047+50	1.0' Rt	15.0' Rt			295		
4" Yellow Temp Marking	Centerline	1045+15	1047+50	4.0' Lt	15.0' Rt			235		
4" Yellow Temp Marking	Double Centerline	1047+50	1057+80	15.0' Rt	19.0' Rt			2060		
4" Yellow Temp Marking	Centerline Island Taper	1061+25	1064+10	7.0' Lt	10.0' Rt			285		
4" Yellow Temp Marking	Centerline Island Taper	1061+25	1063+90	12.0' Rt	18.0' Rt			265		
			STAGE	2						
Temp Marking Removal	Stage 1 Lt Travel Ln Edgeline	1044+55	1060+25	3.0' Rt	33.0' Lt					523
Temp Marking Removal	Stage 1 Lt Travel Ln Edgeline	1060+75	1064+45	21.0' Lt	63.0' Lt					67
<u> </u>										
Temp Marking Removal	Stage 1 Centerline	1044+55	1047+50	1.0' Rt	15.0' Rt					98
Temp Marking Removal	Stage 1 Centerline	1045+15	1047+50	4.0' Lt	15.0' Rt					78
Temp Marking Removal	Stage 1 Double Centerline	1047+50	1057+80	15.0' Rt	19.0' Rt					687
<u> </u>										
Temp Marking Removal	Centerline Island Taper	1061+25	1064+10	7.0' Lt	10.0' Rt					95
Temp Marking Removal	Centerline Island Taper	1061+25	1063+90	12.0' Rt	22.0' Rt					88
4" White Temp Marking	Right Travel Lane Edgeline	1045+10	1062+80	3.0' Lt	30.0' Rt			1770		
4" Yellow Temp Marking	Double Centerline	1047+50	1058+30	6.0' Lt	15.0' Lt			2160		
4" Yellow Temp Marking	Centerline	1045+80	1047+50	2.0' Rt	15.0' Lt			170		
4" Yellow Temp Marking	Centerline	1058+30	1060+05	15.0' Lt	15.0' Lt			175		
4" Yellow Temp Marking	Centerline	1058+30	1060+05	15.0' Lt	5.0' Lt			175		
4" Yellow Temp Marking	Centerline Island Taper	1060+80	1063+80	18.0' Lt	7.0' Lt			300		
4" Yellow Temp Marking	Centerline Island Taper	1060+80	1062+30	9.0' Rt	30.0' Rt			150		
			POST ST	AGE						
Temp Marking Removal	Right Travel Lane Edgeline	1045+10	1062+80	3.0' Lt	30.0' Rt			1770		590
, g										
Temp Marking Removal	Double Centerline	1047+50	1058+30	6.0' Lt	15.0' Lt			2160		720
Temp Marking Removal	Centerline	1045+80	1047+50	2.0' Rt	15.0' Lt			170		57
Temp Marking Removal	Centerline	1058+30	1060+05	15.0' Lt	15.0' Lt			175		58
Temp Marking Removal	Centerline	1058+30	1060+05	15.0' Lt	5.0' Lt			175		58
Temp Marking Removal	Centerline Island Taper	1060+80	1063+80	18.0' Lt	7.0' Lt			300		100
	-									50
Temp Marking Removal	Centerline Island Taper	1060+80	1062+30	9.0' Rt	30.0' Rt			150		1 50

				STAGE	1						
		6	Station			Pavement Markings			Short Term Marking Removal		
Item	Location	Station		Offset		6" Blackout Tape	e 4" Temp	24" Temp	Blackout Tape	4" Temp	24" Temp
		Begin	End	Min	Max	Foot	Foot	Foot	Sq Ft	Sq Ft	Sq Ft
6" Blackout Tape	EB Permanent Edgeline	1844+55	1849+50	12' Rt	12' Rt	495			248		
4" White Temp Marking	Left Travel Lane Edgeline	1843+55	1851+05	12' Lt	4.0' Rt		750				
4" White Temp Marking	Right Travel Lane Edgeline	1844+55	1849+50	12' Rt	15' Rt		495				
24" White Temp Marking	Westbound Stop Line							12			
24" White Temp Marking	Eastbound Stop Line							12			
				STAGE	2						
Temp Marking Removal	Stage 1 Lt Travel Ln Edgeline	1843+55	1851+05	12' Lt	4.0' Rt					250	
Temp Marking Removal	Stage 1 Rt Travel Ln Edgeline	1844+55	1849+50	12' Rt	15' Rt					165	
6" Blackout Tape	WB Permanent Edgeline	1844+55	1849+50	12' Lt	12' Lt	495			248		
4" White Temp Marking	Right Travel Lane Edgeline	1843+05	1850+50	12' Rt	4.0' Lt		745				
4" White Temp Marking	Left Travel Lane Edgeline	1844+55	1849+50	12' Lt	15' Lt		495				
			P	OST ST	AGE						
Temp Marking Removal	Stage 2 Lt Travel Ln Edgeline	1844+55	1849+50	12' Lt	15' Lt					165	
Temp Marking Removal	Stage 2 Rt Travel Ln Edgeline	1843+05	1850+50	12' Rt	4.0' Lt					248	
Temp Marking Removal	EB and WB Stop Lines										48
	TOTAL					990	2,485	24	1	,372	

				STAGE	1						
		Station Offset			Pavement Markings			Short Term Marking Removal			
Item	Location	Jialion		Ur	rset	6" Blackout Tape 4" Temp		24" Temp	Blackout Tape 4" Temp 24" Tem		
		Begin	End	Min	Max	Foot	Foot	Foot	Sq Ft	Sq Ft	Sq Ft
6" Blackout Tape	EB Permanent Edgeline	1401+00	1404+35	12' Rt	12' Rt	335			168		
4" White Temp Marking	Left Travel Lane Edgeline	1400+00	1406+40	12' Lt	4.0' Rt		640				
4" White Temp Marking	Right Travel Lane Edgeline	1401+00	1404+35	12' Rt	15' Rt		335				
24" White Temp Marking	Westbound Stop Line							12			
24" White Temp Marking	Eastbound Stop Line							12			
				STAGE	2						
Temp Marking Removal	Stage 1 Lt Travel Ln Edgeline	1400+00	1406+40	12' Lt	4.0' Rt					213	
Temp Marking Removal	Stage 1 Rt Travel Ln Edgeline	1401+00	1404+35	12' Rt	15' Rt					112	
6" Blackout Tape	WB Permanent Edgeline	1401+00	1404+35	12' Lt	12' Lt	335			168		
4" White Temp Marking	Right Travel Lane Edgeline	1399+00	1405+35	12' Rt	4.0' Lt		635				
4" White Temp Marking	Left Travel Lane Edgeline	1401+00	1404+35	12' Lt	15' Lt		335				
			P	OST ST	AGE					_	
Temp Marking Removal	Stage 2 Lt Travel Ln Edgeline	1401+00	1404+35	12' Lt	15' Lt					112	
Temp Marking Removal	Stage 2 Rt Travel Ln Edgeline	1399+00	1405+35	12' Rt	4.0' Lt					212	
Temp Marking Removal	EB and WB Stop Lines										48
	TOTAL					670	1,945	24		1,457	

SN	071-0	088 SCHE	DULE OF	REFLECT	ORS
				D.::-  D-:	0 - El T

	Cto	tion	Bridge Rail Refl Type C			
Location	Sta	uon	Stage 1	Stage 2		
	Begin	End	Each	Each		
North Bridge Rail	1047+55	1057+60		81		
South Bridge Rail	1047+70	1057+75	81			
то	10	52				

SN 071-0	SN 071-0077 SCHEDULE OF SHOULDER CONSTRUCTION											
Location	From	То	Length (ft)	Average Width (ft)	Exc & Gr Shldr (unit)	HMA Shldr 8" (sy)						
EB Shoulder	1843+90	1845+85	195	4	1.95	86.7						
	1848+35	1851+20	285	4	2.9	126.7						
<b>WB</b> Shoulder	1844+55	1845+75	120	4	1.2	53.3						
	1848+25	1850+30	205	4	2.1	91.1						
				TOTAL	8.15	358						

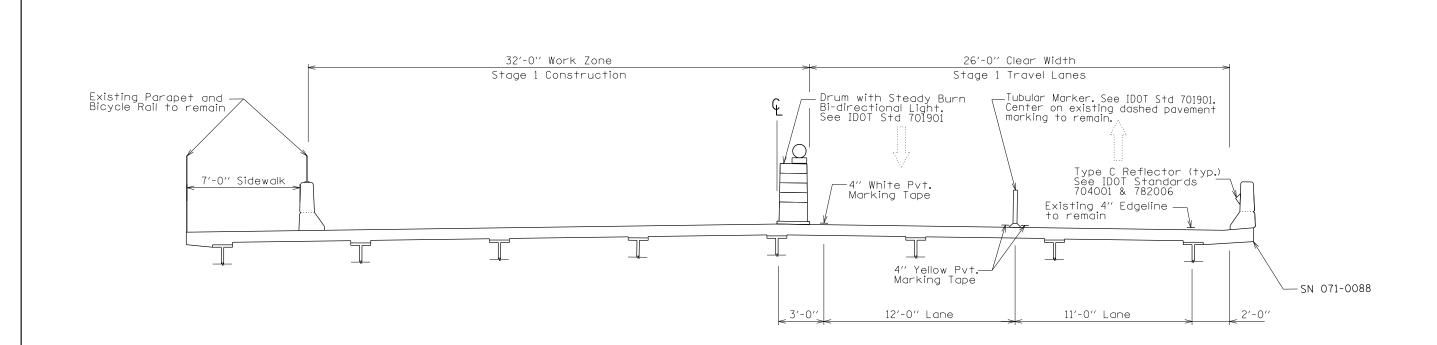
SN 071-0077 SCHEDULE OF TEMP CONCRETE BARRIER AND REFLECTORS									
	Station		Temporary	Conc Barrier	Guardrail I	Refl Type A	Bridge Rail Refl Type C		
Location			Set Stage 1	Reloc Stage 2	Stage 1	Stage 2	Stage 1	Stage 2	
	Begin	End	Foot	Foot	Each	Each	Each	Each	
Stage 1 & Stage 2	1844+72	1849+85	513	513					
North Guardrail	1844+80	1845+90				5			
North Guardian	1848+30	1850+20				8			
North Bridge Rail	1845+90	1848+30						20	
South Guardrail	1844+25	1845+90			7				
South Guardian	1848+30	1849+30			4				
South Bridge Rail	1845+90	1848+30					20		
то	TAL		513	513	2	4	4	0	

	64		Temporary	Temporary Conc Barrier		Refl Type A	Bridge Rail Refl Type C		
Location	Station		Set Stage 1	Reloc Stage 2	Stage 1	Stage 2	Stage 1	Stage 2	
	Begin	End	Foot	Foot	Each	Each	Each	Each	
Stage 1 & Stage 2	1401+05	1404+43	338	338					
	1					l -			
North Guardrail	1401+00	1402+25				5			
	1402+85	1404+35				6			
North Bridge Rail	1402+25	1402+85						5	
South Guardrail	1401+00	1402+25			5				
	1402+85	1404+35			6				
South Bridge Rail	1402+25	1402+85					5		
TC	 )TAL		338	338	2	! ! <b>2</b>	1	0	

T AMILTON CONSULTING USER NAME = mbuilting	DESIGNED -	REVISED -
$\Pi$ ENGINEERS, INC.	DRAWN - DWS	REVISED -
3230 Executive Drive, Joliet, Illinois 60431 Ph; (815) 730-3444 Fax; (815) 730-6703  PLOT SCALE = 100.0000 / in	CHECKED -	REVISED -
IL LICENSE NO. 184-003205 © 2020 HAMILTON CONSULTING ENGINEERS, INC.  PLOT DATE = 12/15/2021	DATE -	REVISED -

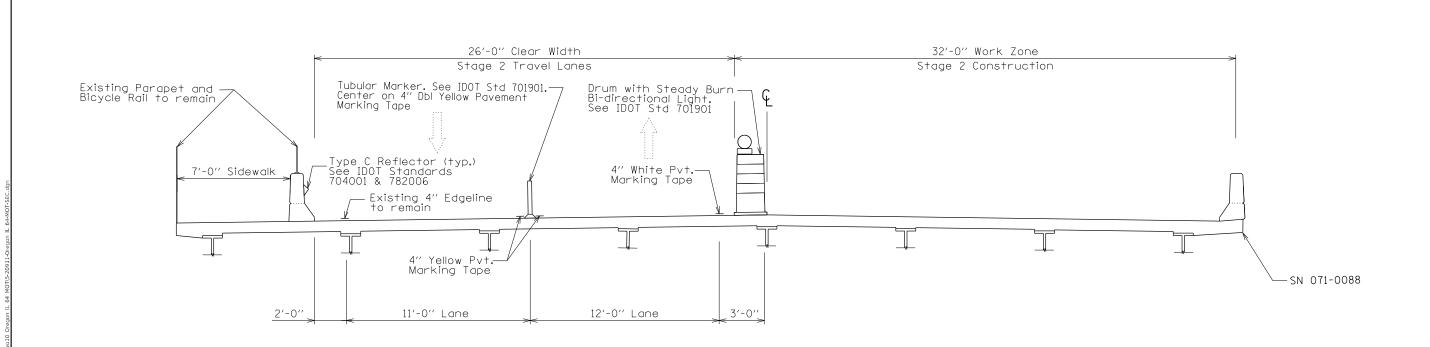
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I	IL 64 OVER ROC	K RIVER. IL 72 OVER BLACK WALNUT & KILBUCK CREEKS	F.A.P. RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
ı		MAINTENANCE OF TRAFFIC SCHEDULES	17A & 553	D2 BDR 2022-1		OGLE	23	4
I						CONTRACT	F NO. 6	4R34
ı	SCALE: NA	SHEET 4 OF 23 SHEETS STA. TO STA.		ILLINOIS	FED. A	ID PROJECT		



STAGE 1

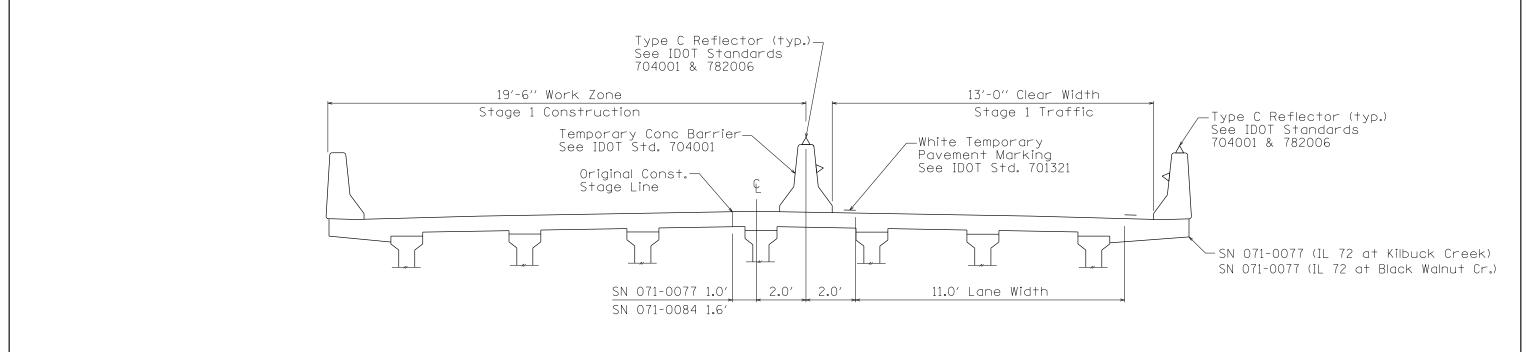
NOTE: Removal or blackout of existing pavement markings will not be required on SN 071-0088 for any Maintenance of Traffic setups. Care shall be taken to minimize damage to existing pavement markings.



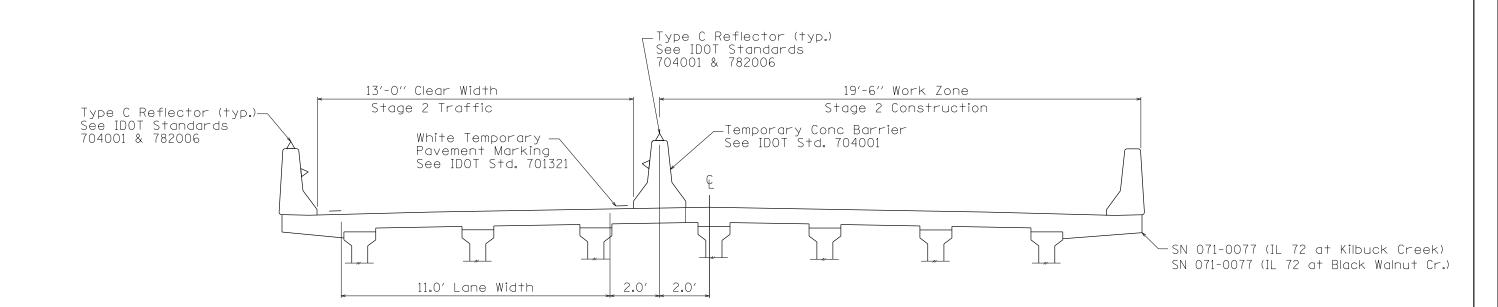
STAGE 2

NOTE: Removal or blackout of existing pavement markings will not be required on SN 071-0088 for any Maintenance of Traffic setups. Care shall be taken to minimize damage to existing pavement markings.

MAILTON CONSULTING	USER NAME = mbuiting	DESIGNED - MGB	REVISED -		IL 64 OVER R	OCK RIVER. I	L 72 OVER BLA	CK WALNU	T & KILBUCK CREEKS	F.A.P. RTE	SECTION	COUNTY	TOTAL S SHEETS
e a la la ENGINEERS, INC.		DRAWN - MGB	REVISED -	STATE OF ILLINOIS			TYPICAL SECT			17	D2 BDR 2022-1	OGLE	23
3230 Executive Drive, Joliet, Illinois 60431 Ph: (815) 730-3444 Fax: (815) 730-6703	PLOT SCALE = 600.0000 / in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION		OTAGING	11110/12 02011	011 011 01				CONTRACT	NO. 64R
∑ IL LICENSE NO. 184-003205  © 2020 HAMILTON CONSULTING ENGINEERS, INC.	PLOT DATE = 12/7/2021	DATE -	REVISED -		SCALE: NTS	SHEET 5	OF 23 SHEET	S STA.	TO STA.		ILLINOIS FED. A	AID PROJECT	



STAGE 1



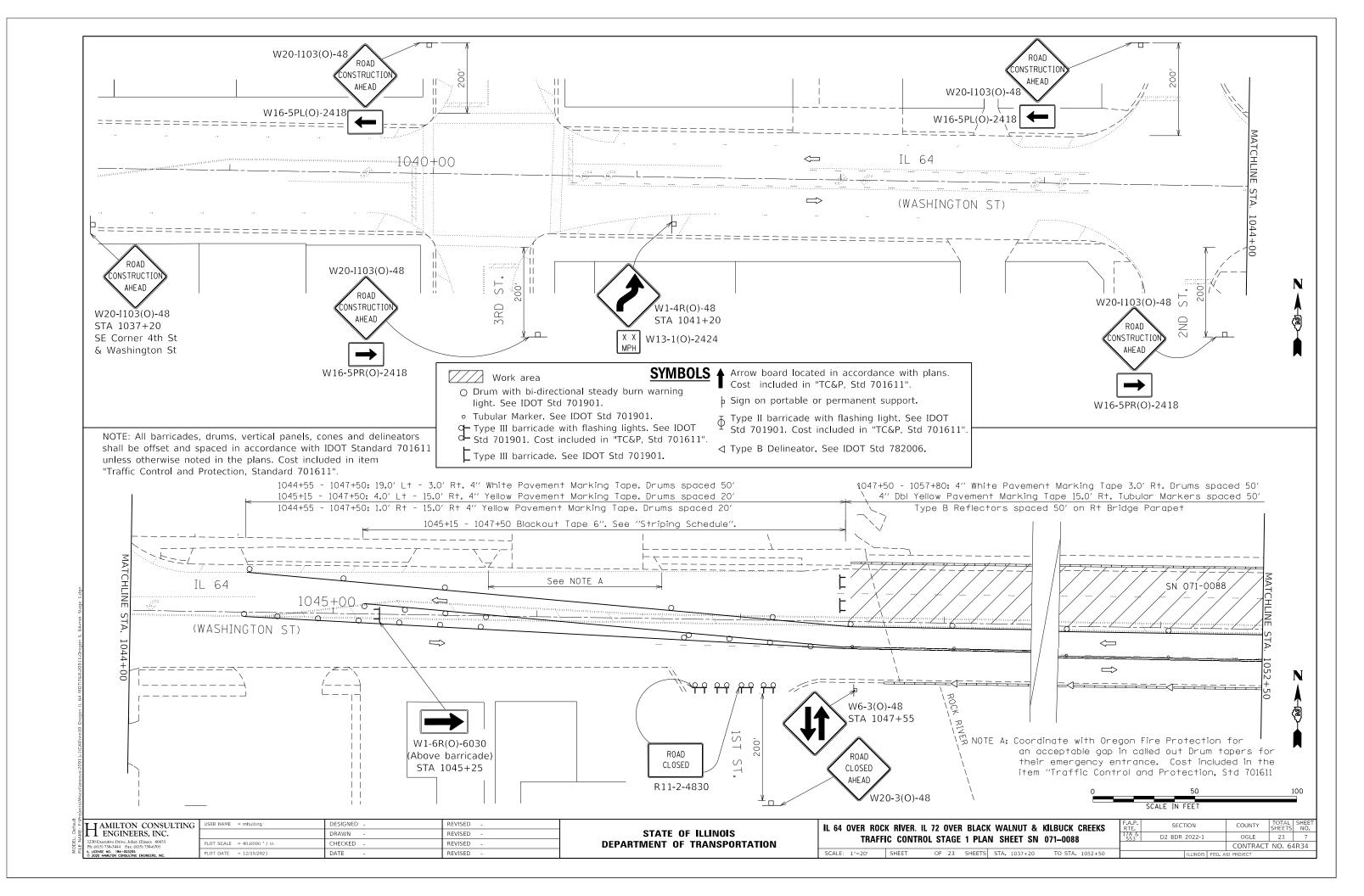
STAGE 2

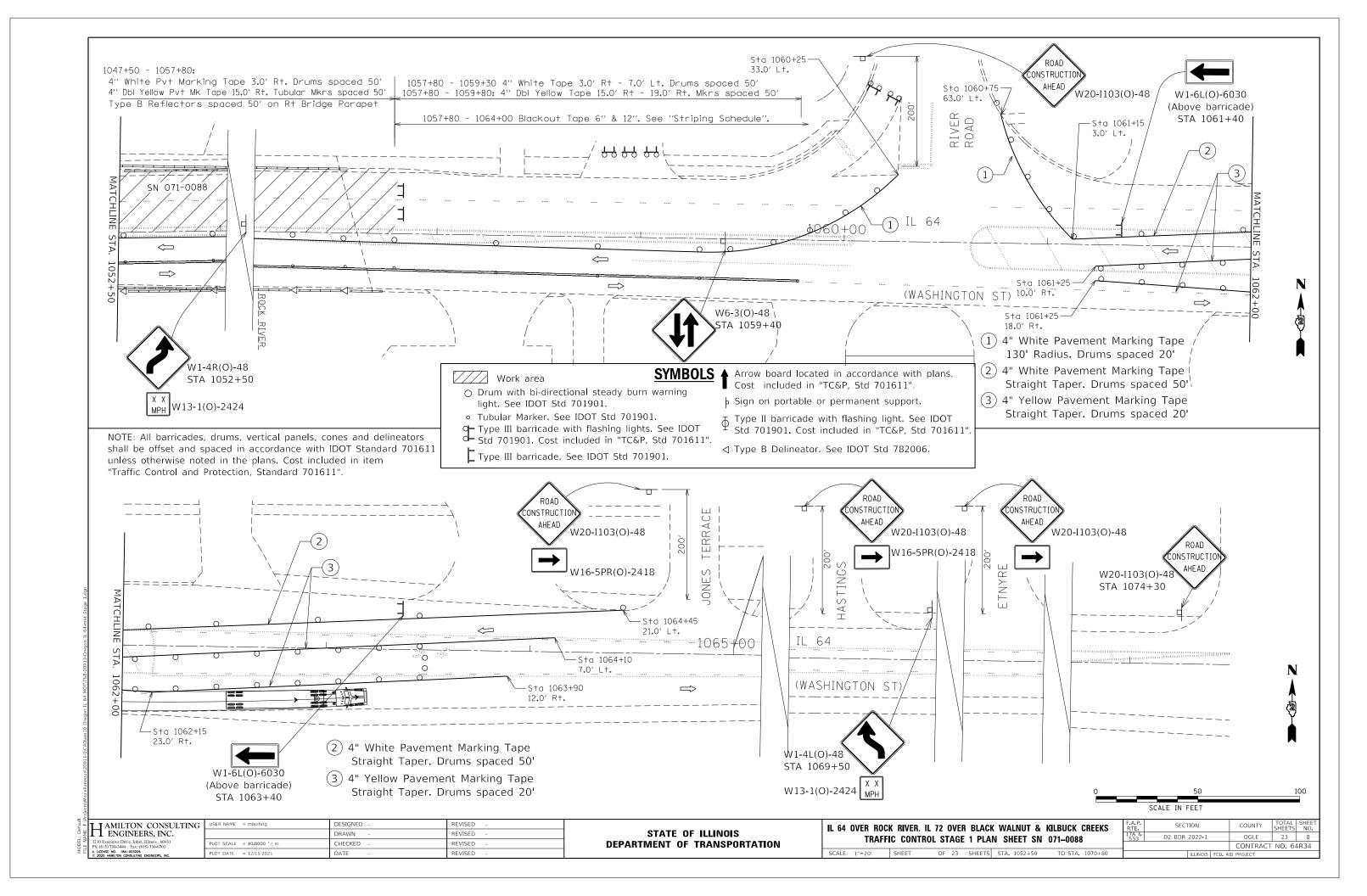
F:\F	T TAMILTON CONSULTING	US
NAME	$\Pi$ ENGINEERS, INC.	
FILE N.	3230 Executive Drive, Joliet, Illinois 60431 Ph; (815) 730-3444 Fax; (815) 730-6703	PLO
Ē	IL LICENSE NO. 184-003205  © 2020 HAMILTON CONSULTING ENGINEERS, INC.	PLO

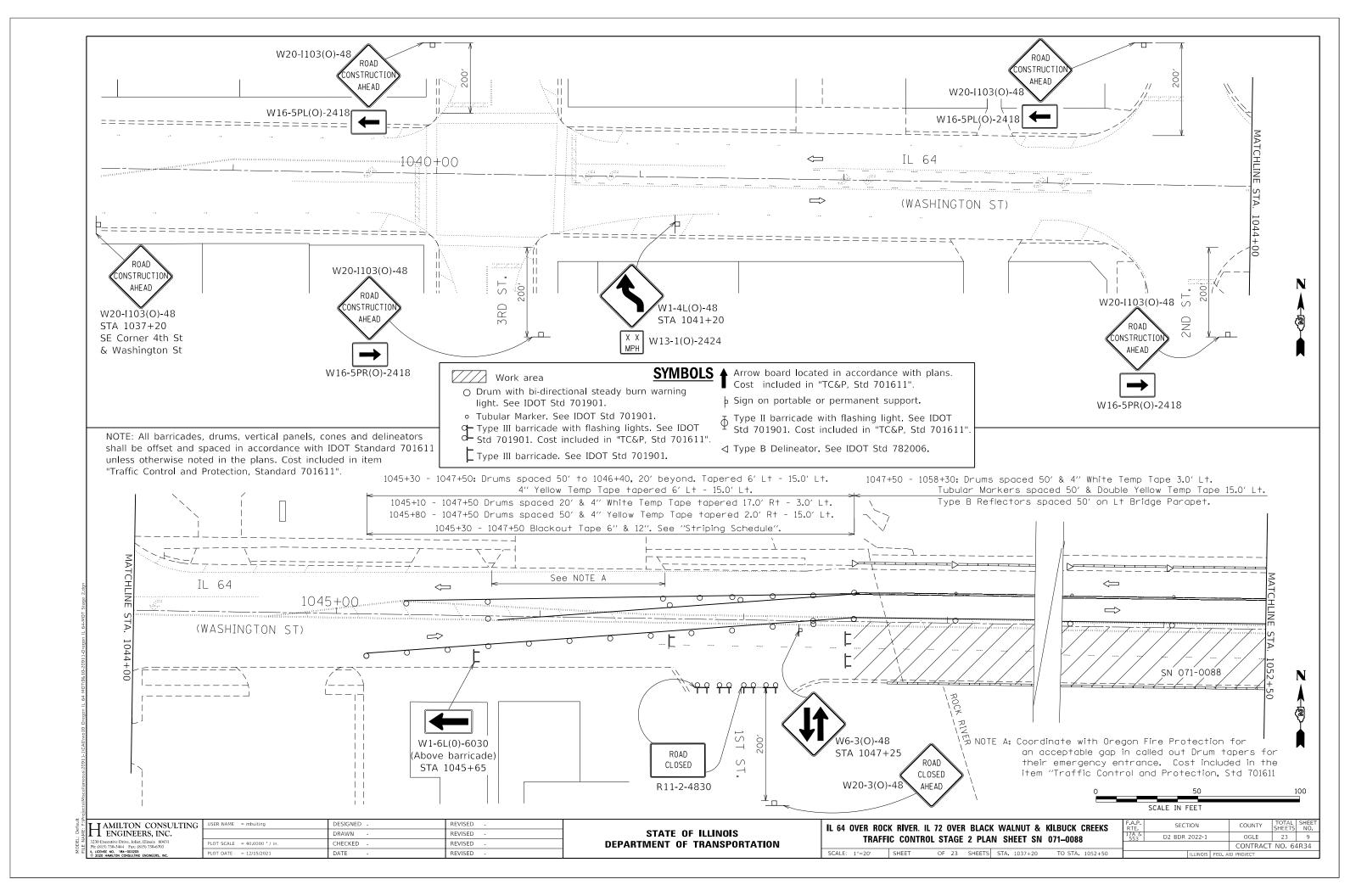
IG	USER NAME = mbuiling	DESIGNED -	REVISED -
		DRAWN - MGB	REVISED -
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	PLOT DATE = 12/7/2021	DATE -	REVISED -

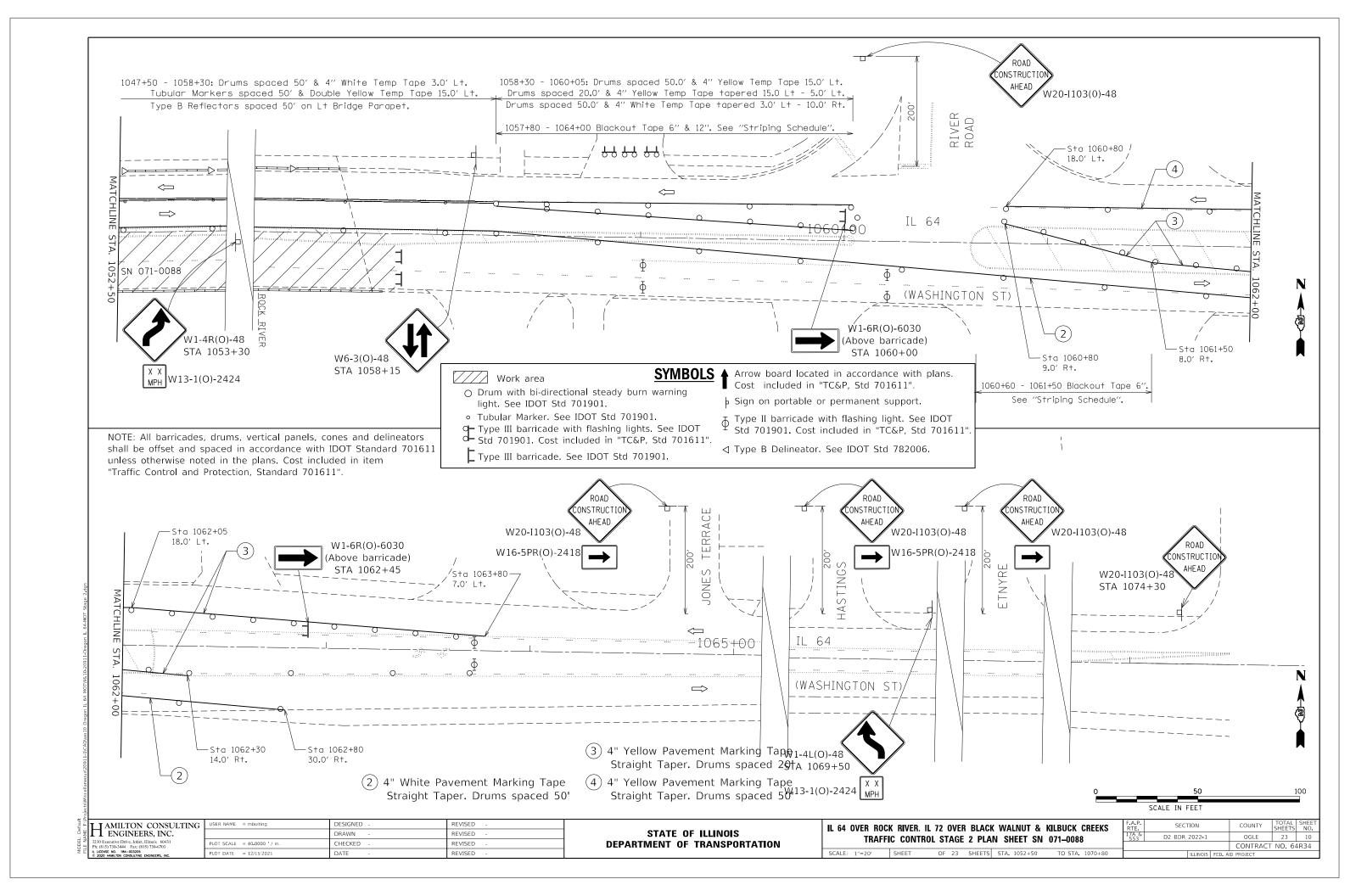
STATE OF ILLINOIS						
DEPARTMENT OF	TRANSPORTATION					

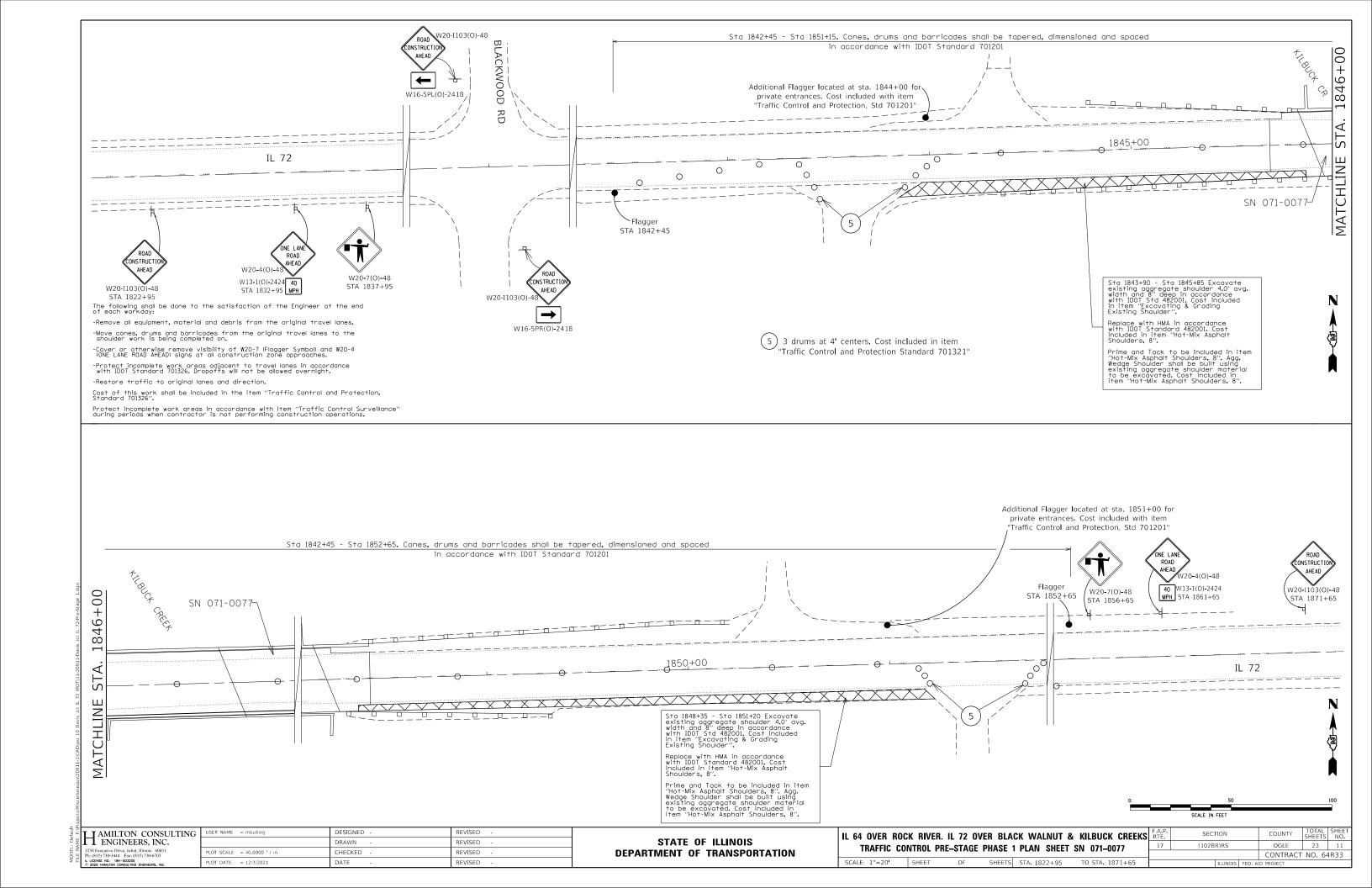
IL 64 OVER ROC	K RIVER. I	L 72	OVER BLA	CK WAL	NUT & KILBUCK CREEKS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SN 071-0	0077 AND	SN 0	71-0084 S	TAGING	TYPICAL SECTION	17	(102BR)RS	OGLE	23	6
								CONTRACT	NO. 64	4R33
SCALE: NTS	SHEET 4	OF	SHEETS	STA.	TO STA.		ILLINOIS FED	. AID PROJECT		

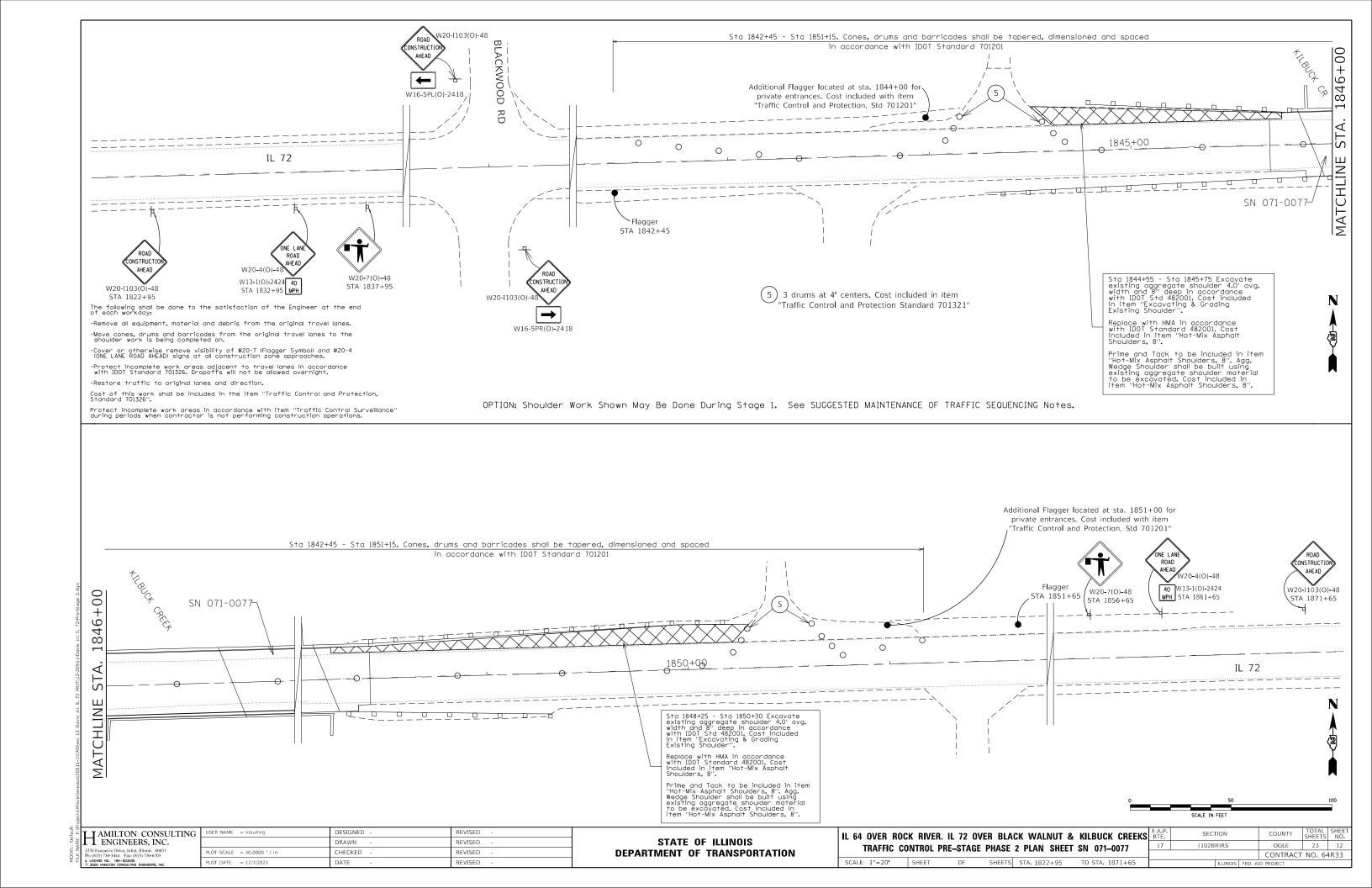


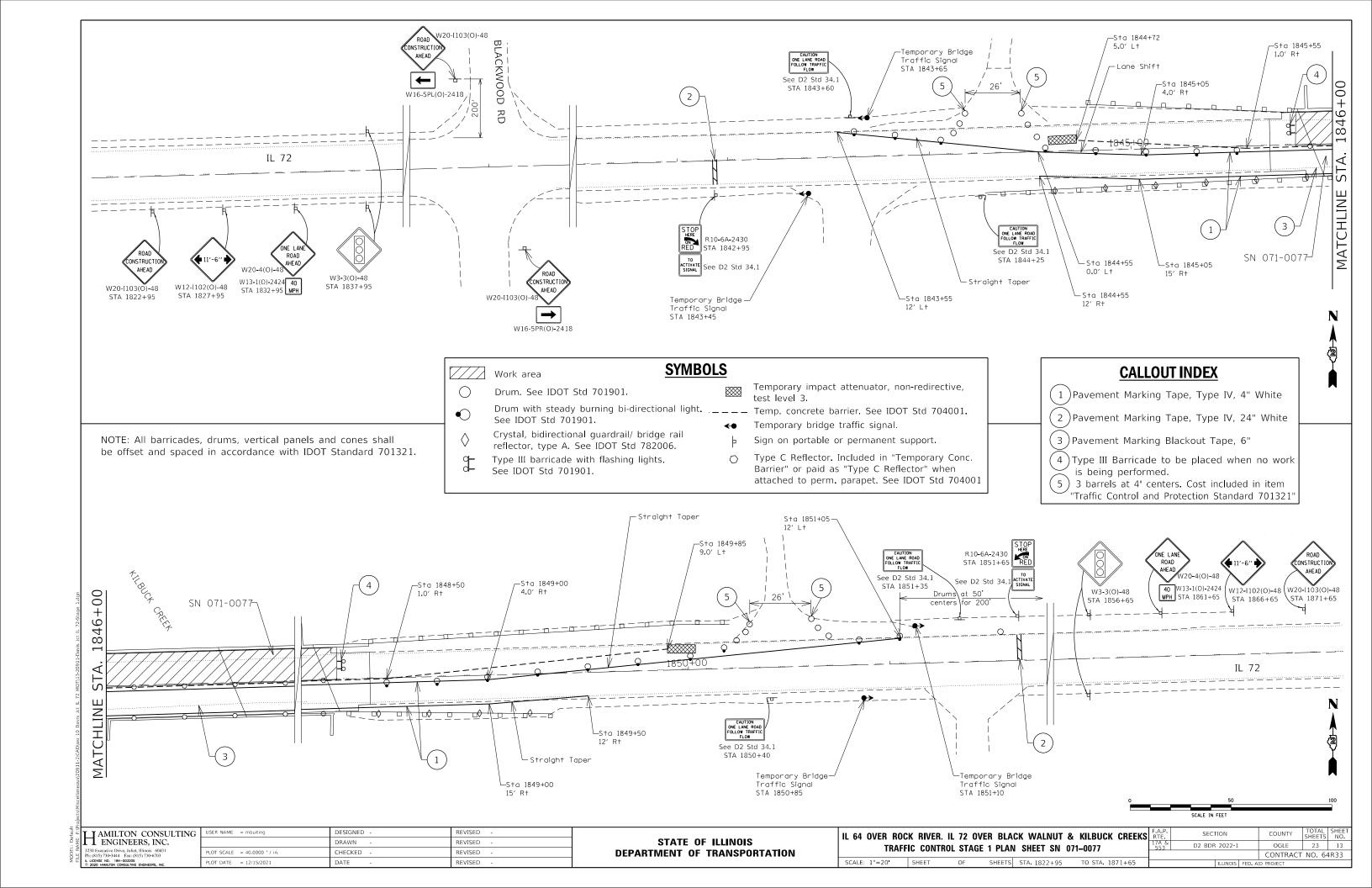


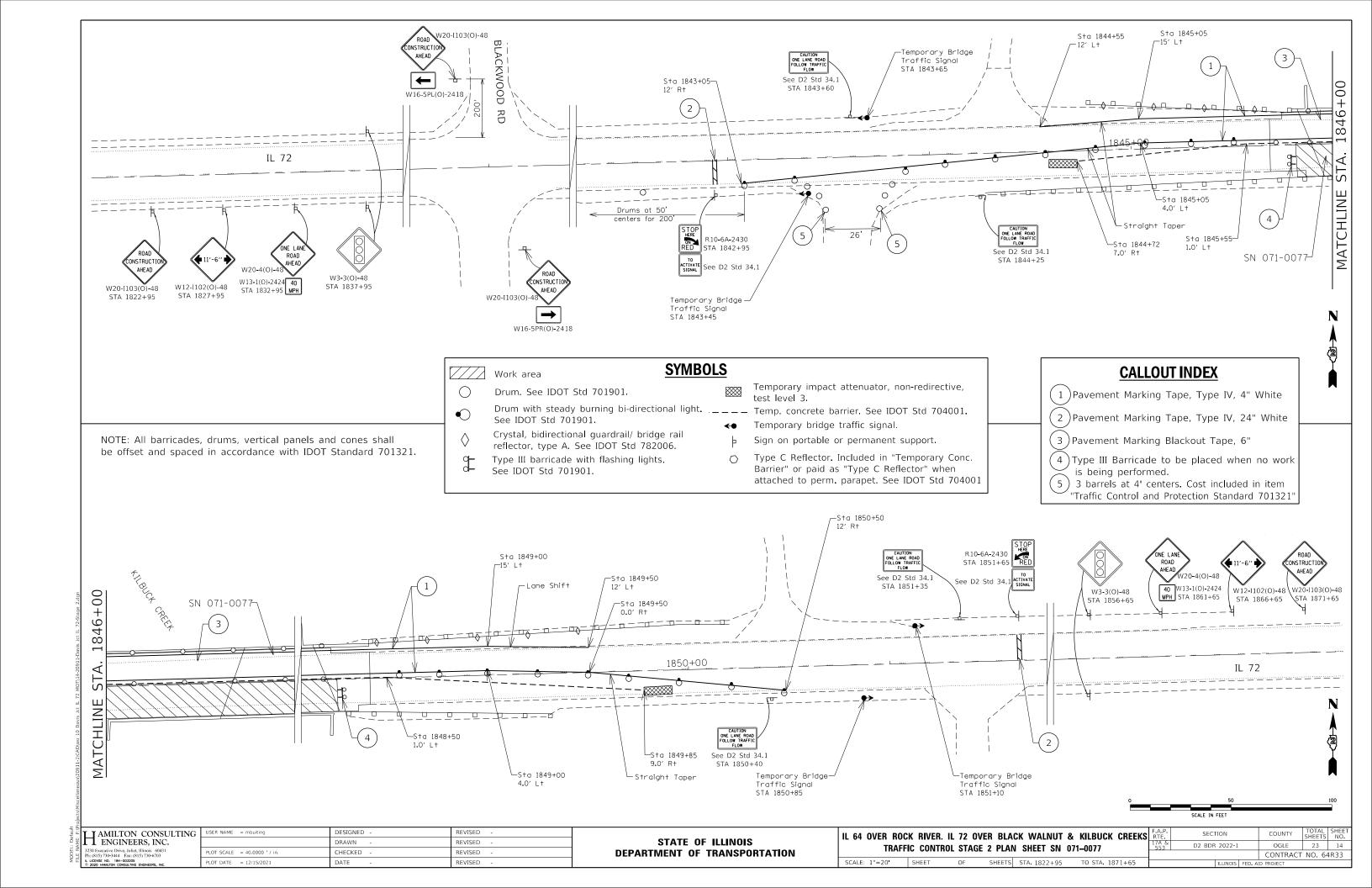


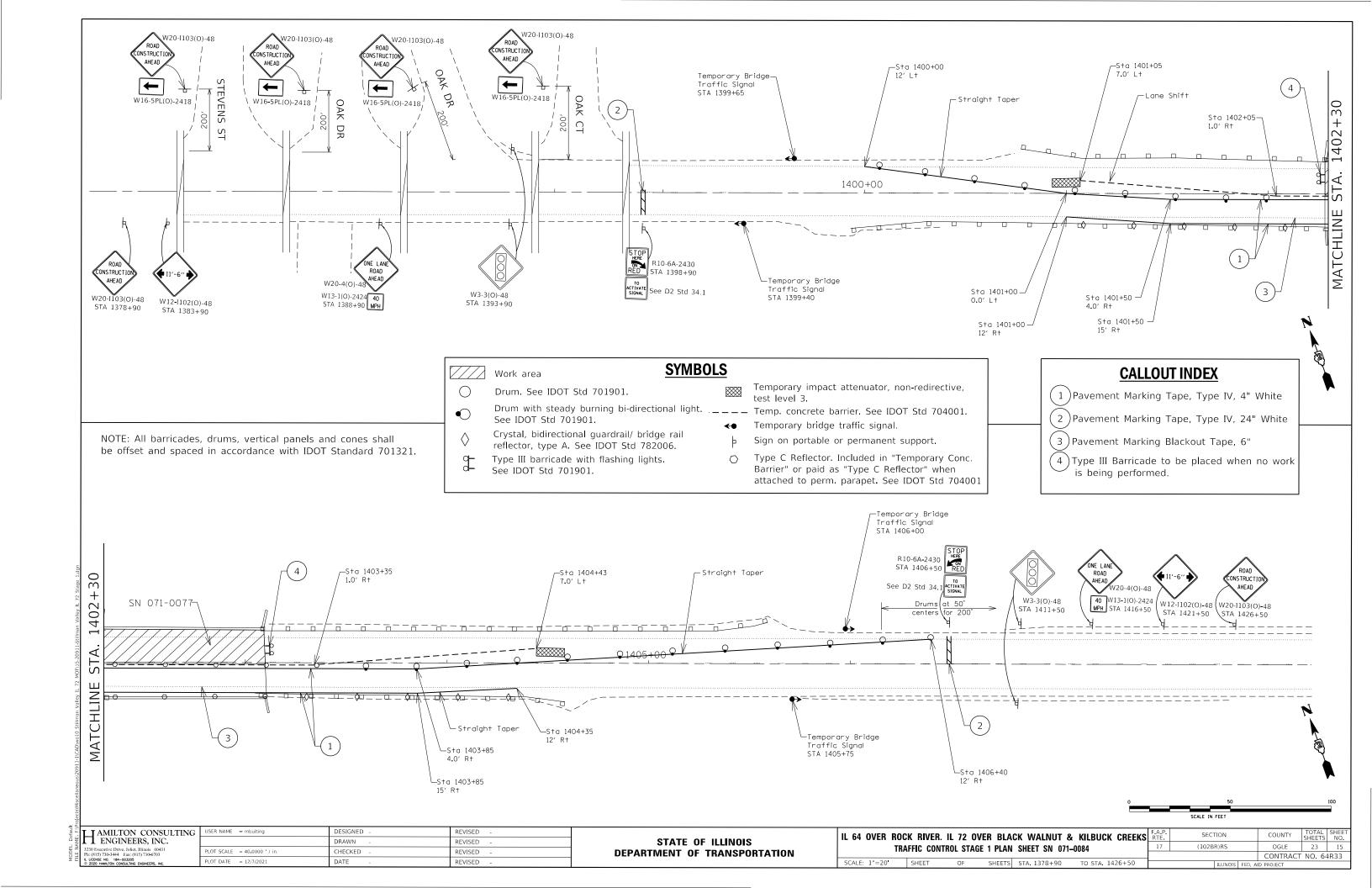


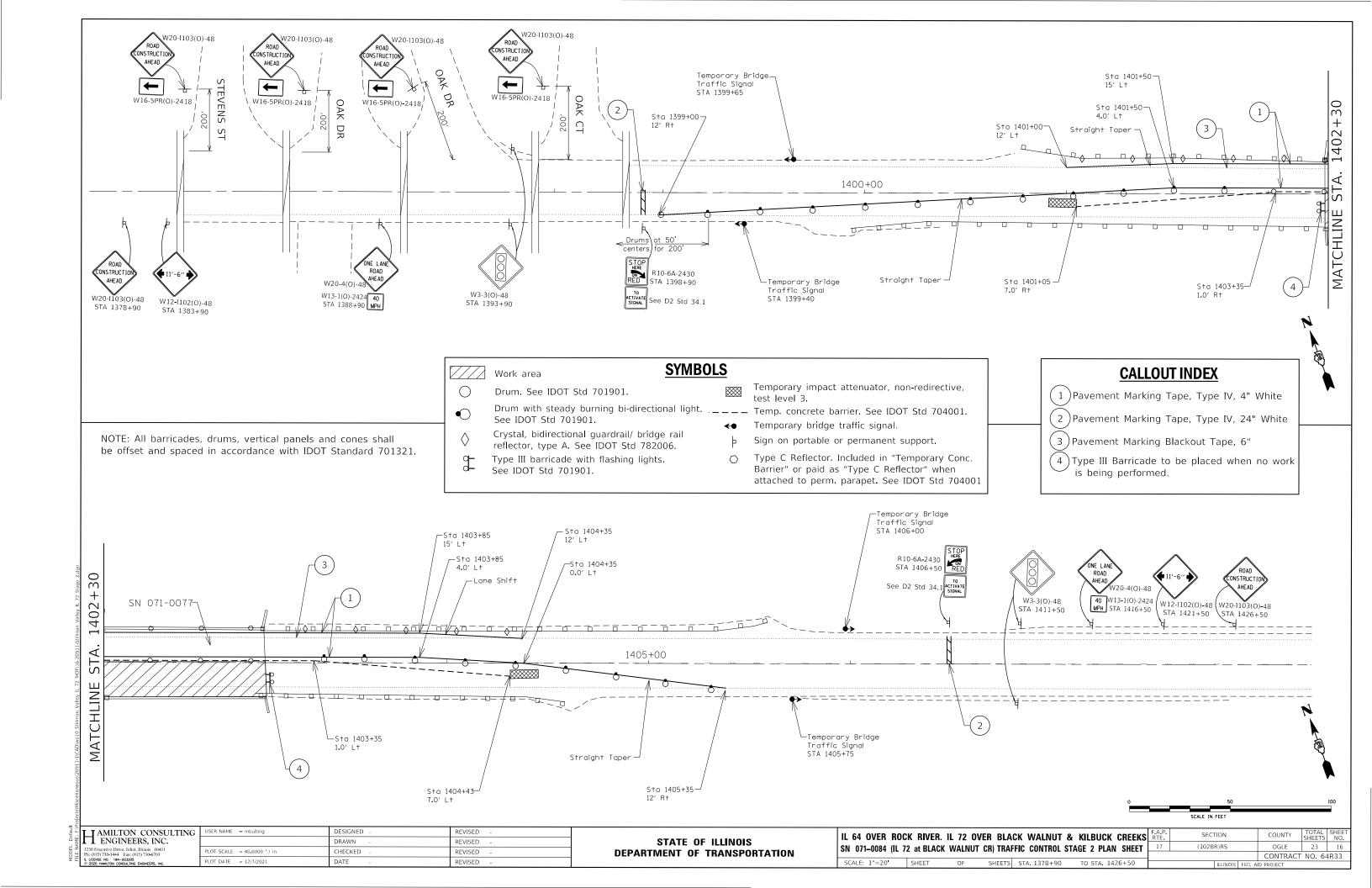




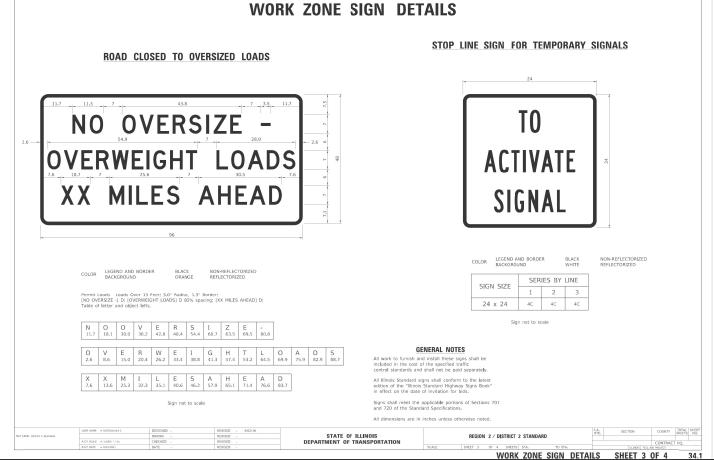












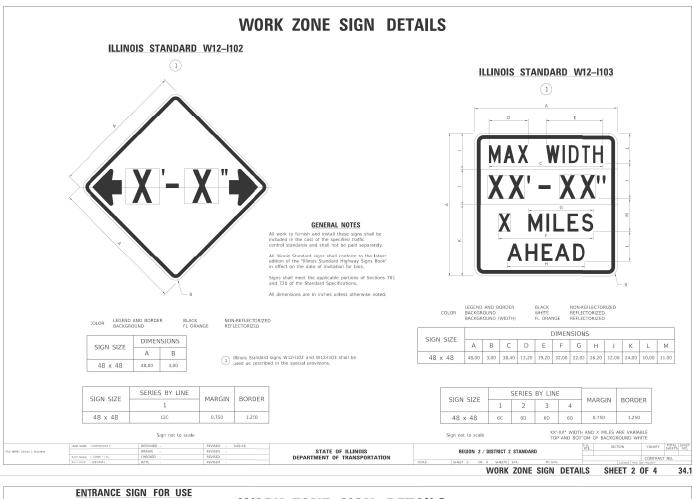
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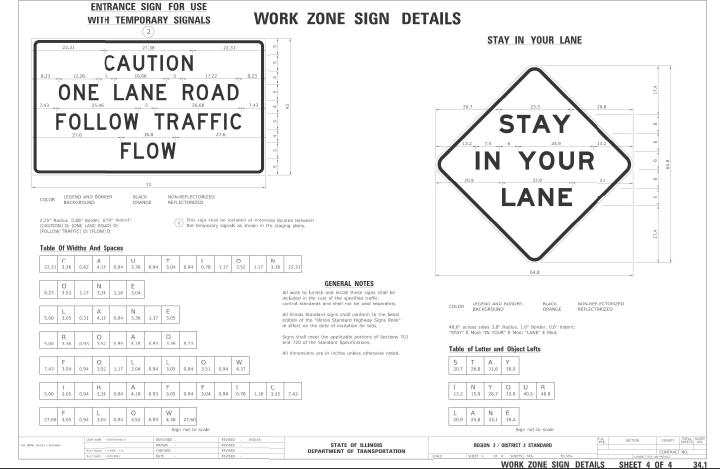
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D2 BDR 2022-1

OGLE 23 17

CONTRACT NO. 64R34

IL 64 OVER ROCK RIVER. IL 72 OVER BLACK WALNUT & KILBUCK CREEKS

SCALE: NA SHEET 2 OF SHEETS STA.

DISTRICT 2 STANDARD 34.1

MODEL: Default

H AMILTON CONSULTING ENGINEERS, INC.

PLOT DATE = 12/3/2021

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

#### GENERAL NOTES

The Structure Numbers shall remain SN 071-0077, 071-0084 and 071-0088. 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.

Traffic will be maintained using staged construction.

#### SCOPE OF WORK

A - Deck Slab Repair

#### TOTAL BILL OF MATERIAL (3 STRUCTURES)

Item	Unit	Total Quantity
Deck Slab Repair (Partial)	Sq. Yd.	730

#### BILL OF MATERIAL (SN 071-0088)

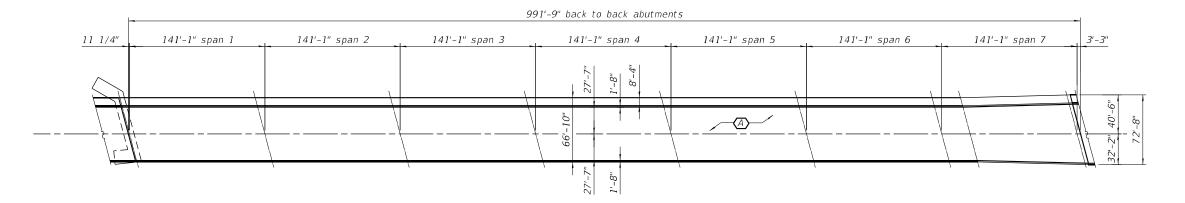
Item	Unit	Total Quantity
Deck Slab Repair (Partial)	Sq. Yd.	322



#### ELEVATION

081.006432
LICENSED
STRUCTURAL
ENGINEER

10-26-21 EXP 11-30-22



PLAN

Consulting 1560 Sherman Ave. Engineers Suite 1020

N

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 64 OVER TEH ROCK RIVER PLAN AND ELEVATION 071-0088

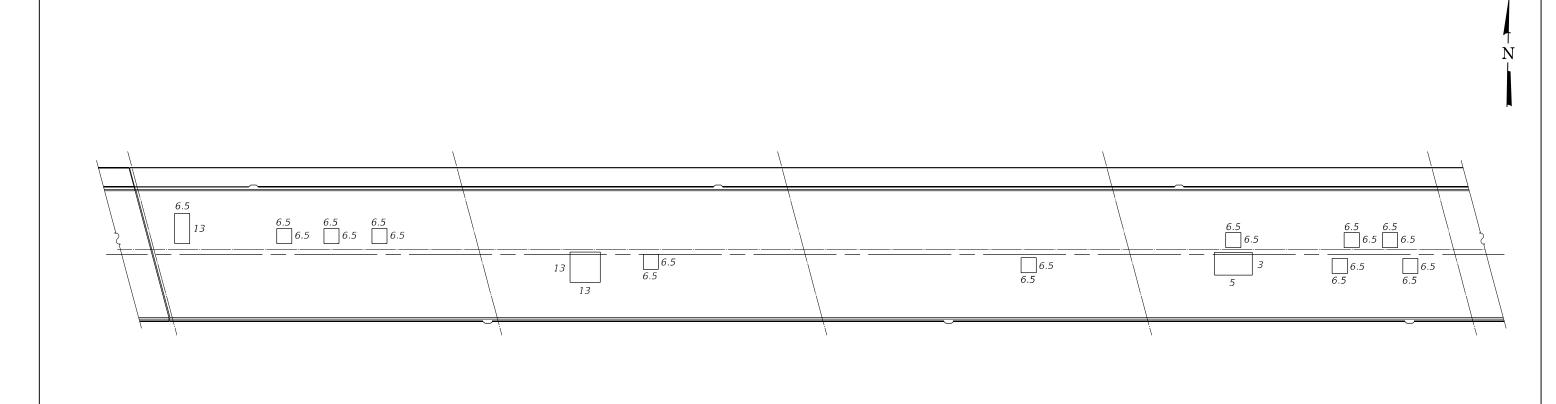
F.A. SECTION COUNTY SHEETS NO.

A & 553 D2 BDR 2022-1 OGLE 23 18

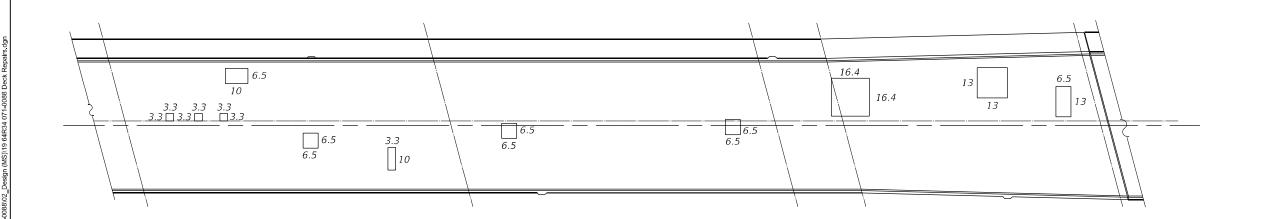
CONTRACT NO. 64R34

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### DECK REPAIRS SPANS - 1, 2, 3 & 4

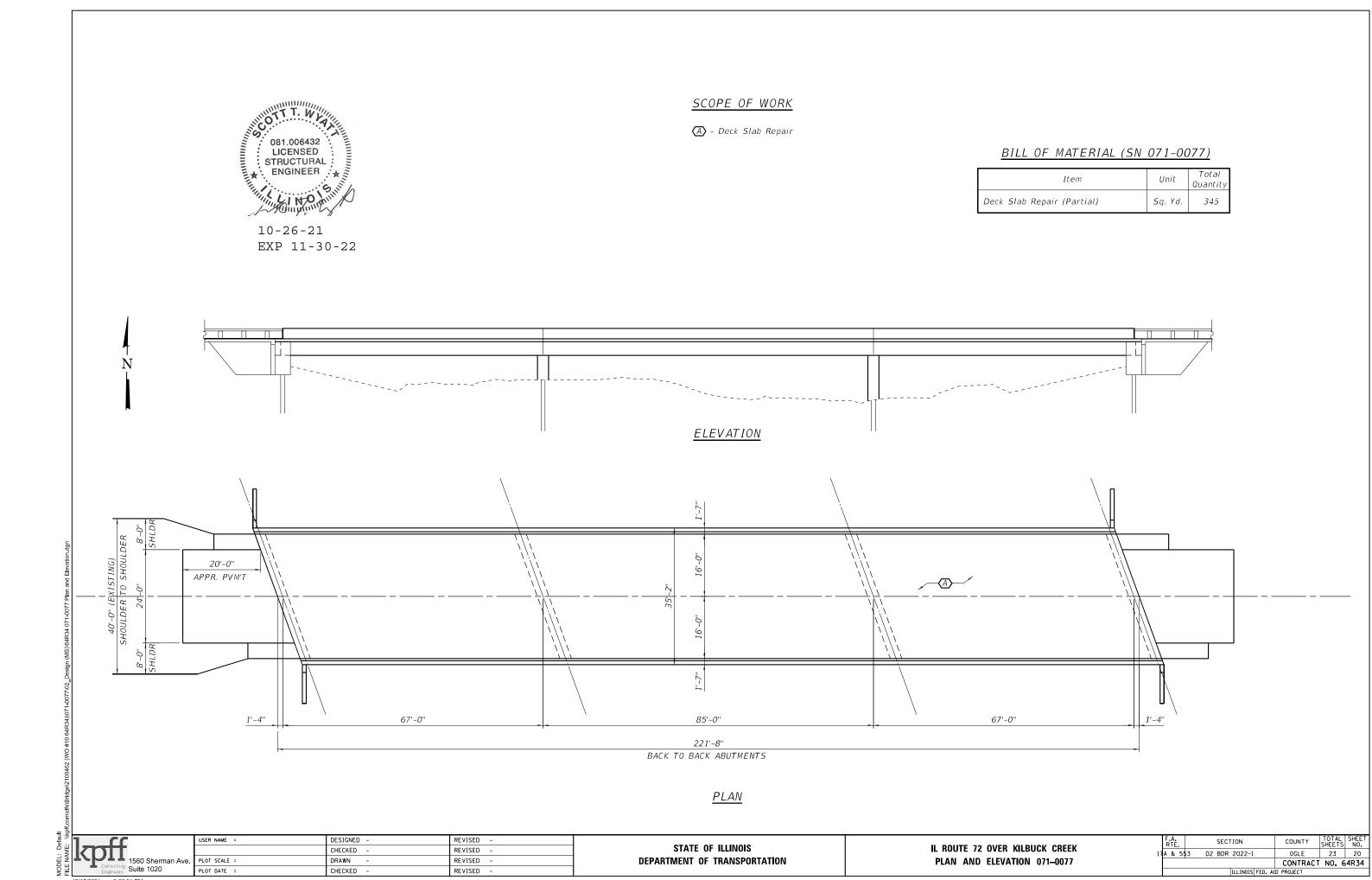


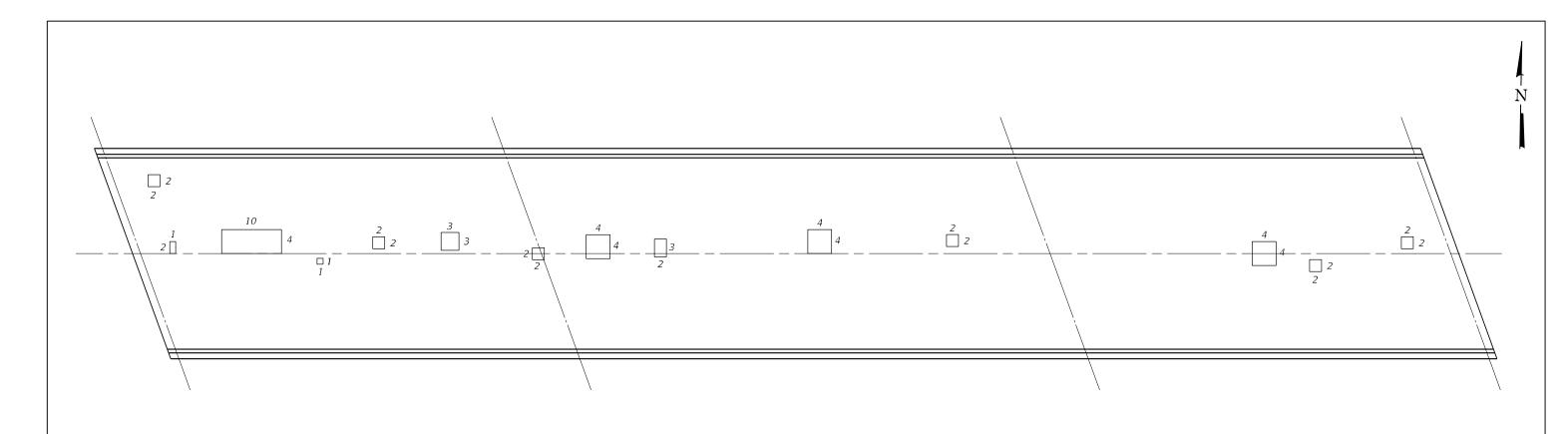
## DECK REPAIRS SPANS - 5, 6 & 7

Too Sherman Ave. PLOT PLOT

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	PLOT DATE =	CHECKED -	REVISED -

F.A. RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
A & 59	3 D2 BDR 2022-1		OGLE	23	19
CONTRACT NO. 64R			4R34		
ILLINOIS FED. AID PROJECT					





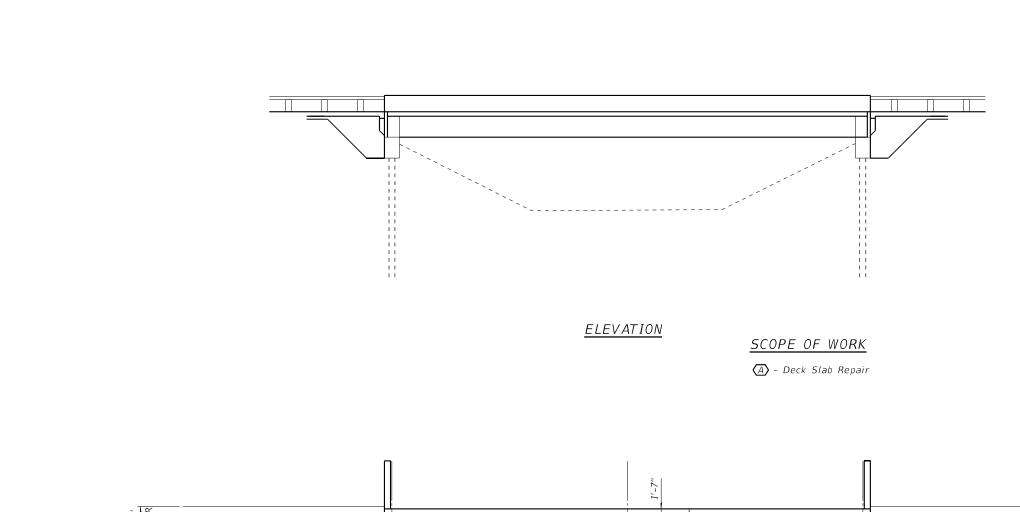
DECK REPAIRS

The state of the s

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		CHECKED -	REVISED -	
e.	PLOT SCALE =	DRAWN -	REVISED -	
	PLOT DATE =	CHECKED -	REVISED -	

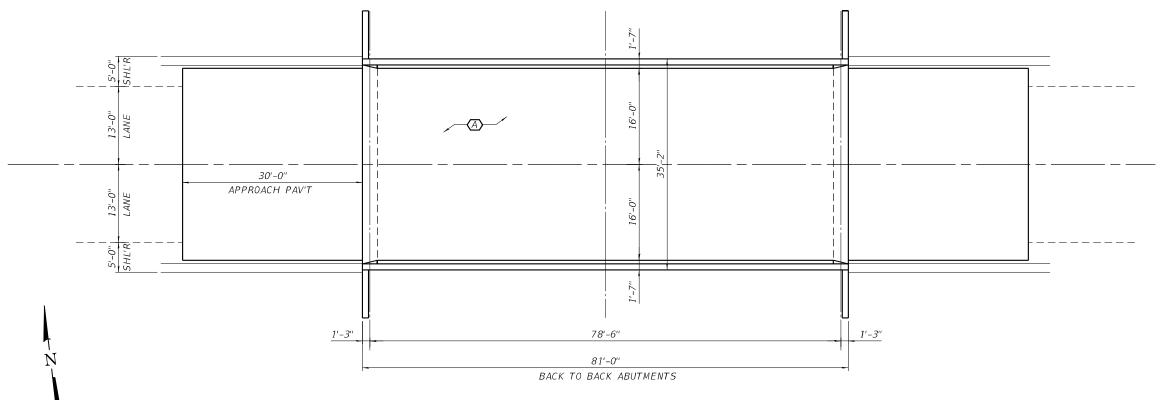
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 72 OVER KILBUCK CREEK
DECK REPAIRS 071-0077



### BILL OF MATERIAL (SN 071-0084)

Item	Unit	Total Quantity
Deck Slab Repair (Partial)	Sq. Yd.	63



081.006432
LICENSED
STRUCTURAL
ENGINEER

10-26-21

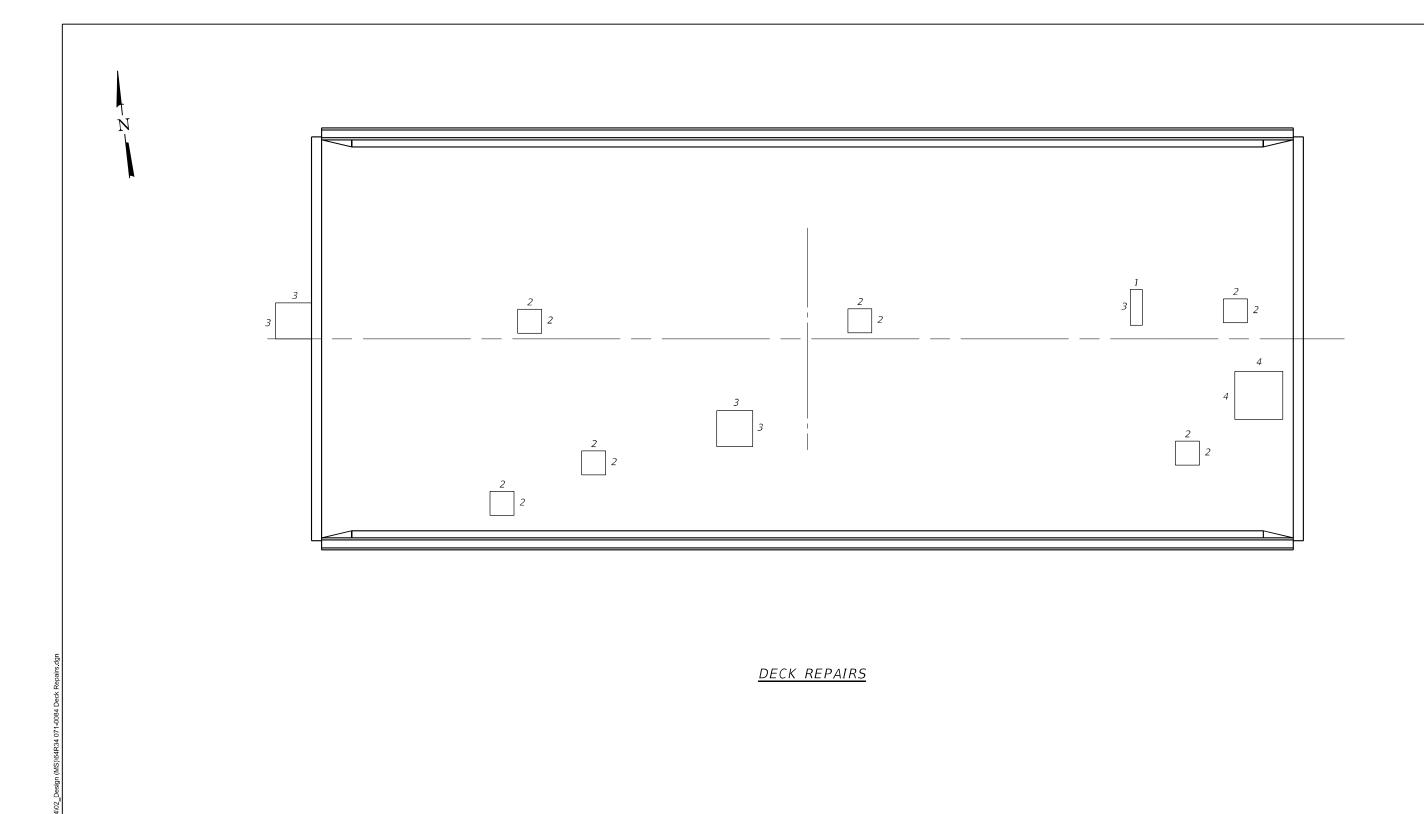
EXP 11-30-22

<u>PLAN</u>

¥	1 ((	USER
YINE.	KOTT	
Ž	1560 Sherman Ave.	PLOT
Ë	Consulting Suite 1020	PLOT
	-	

	USER NAME =	DESIGNED -	REVISED -	
		CHECKED -	REVISED -	
٧e.	PLOT SCALE =	DRAWN -	REVISED -	ı
	PLOT DATE =	CHECKED -	REVISED -	i

	F.A. RTE.	SEC.	ΓΙΟΝ		COUNTY	TOTAL SHEETS	SHEET NO.
17	A & 5	3 D2 BDR	2022-1		OGLE	23	22
					CONTRACT	NO. 6	4R34
			ILLINOIS	FED. AII	D PROJECT		



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

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION IL ROUTE 72 OVER BLACK WALNUT CREEK DECK REPAIRS 071-0084

CTION COUNTY TOTAL SHEET NO.

18 2022-1 OGLE 23 23

| CONTRACT NO. 64R34 | ILLINOIS | FED. AID PROJECT F.A. SECTION
17 A & 553 D2 BDR 2022-1