STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

D-99-055 - 21

FOR INDEX OF SHEETS, SEE SHEET NO. 3 FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 4

PROPOSED HIGHWAY PLANS

FAS ROUTE 944 (US 60 & 62) OVER MISSISSIPPI RIVER SECTION (138D-BR)I-9
PROJECT STP-YICT(525)
JOINT REPLACEMENTS
ALEXANDER COUNTY IL /MISSISSIPPI COUNTY MO

C-99-074-21

TRAFFIC DATA

FAS 944 (US 60 &62) 2020 ADT = 2780 26.1% TRUCKS

0

0

0

TOWNSHIPS

TO WICKLIFFE, KY

Cairo
POP. 2,831

CAIRO
MISSISSIPPI
BRIDGE

TO CHARLESTON. MO

R 1 E

COUNTY

SN. 002-0005

POSTED SPEED: 55 MPH

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

PROJECT ENGINEER: MIKE STEPHENSON PROJECT DESIGNER: DAVID WILSON

GROSS LENGTH = 5181.4 FT.

CONTRACT NO. 78877



LOCATION OF SECTION INDICATED THUS: -

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

CAIRO

T.18S.

Prepared By: Charles Stein

DISTRICT STUDIES & PLANS ENGINEER

Examined By:

DISTRICT LAND ACQUISITION ENGINEER

Examined By:

DISTRICT PROGRAM DEVELOPMENT ENGINE

Examined By:

DISTRICT OPERATIONS ENGINEER

Examined By:

DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By:

DISTRICT CONSTRUCTION ENGINEER

Examined By:

DISTRICT MATERIALS ENGINEER

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNATURE SHEET

INDEX OF SHEETS

GENERAL NOTES

COMMITMENTS: MODOT AND KYTC CONTACT REQUIREMENTS; SEE SPECIAL PROVISIONS

DESCRIPTION

- COVER SHEET
 - SIGNATURE SHEET
- INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES
- 4 SUMMARY OF QUANTITIES
- 5 TRAFFIC CONTROL PLAN-MESSAGE BOARD PLACEMENT
- 6-9 BRIDGE REPAIR PLANS

STANDARDS

701001-02 OFF-RD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600mm) FROM PAVEMENT EDGE

701006-05 OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 m) AWAY

701901-08 TRAFFIC CONTROL DEVICES

BLR 21-9 TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTIOIN ON RURAL LOCAL HIGHWAYS

000001-08 STANDARDS, SYMBOLS, ABBREVIATIONS AND PATTERNS

001001-02 AREAS OF REINFORCEMENT BARS

001006 DECIMAL OF AN INCH AND OF A FOOT

 GENERAL NOTES, HIGHWAY STANDARDS, INDEX OF SHEETS
 F.A.S. RTE.
 SECTION
 COUNTY
 TOTAL SHEETS NO.

 SN 002-0005
 944
 (138D-BR)I-9
 ALEXANDER 9
 3

 CONTRACT NO. 78877

REV. - MS

FILE NAME: pw:\\planroom.dot.illinois.gov:PWIDOT\C

PLOT DATE = 3/16/2021

DATE

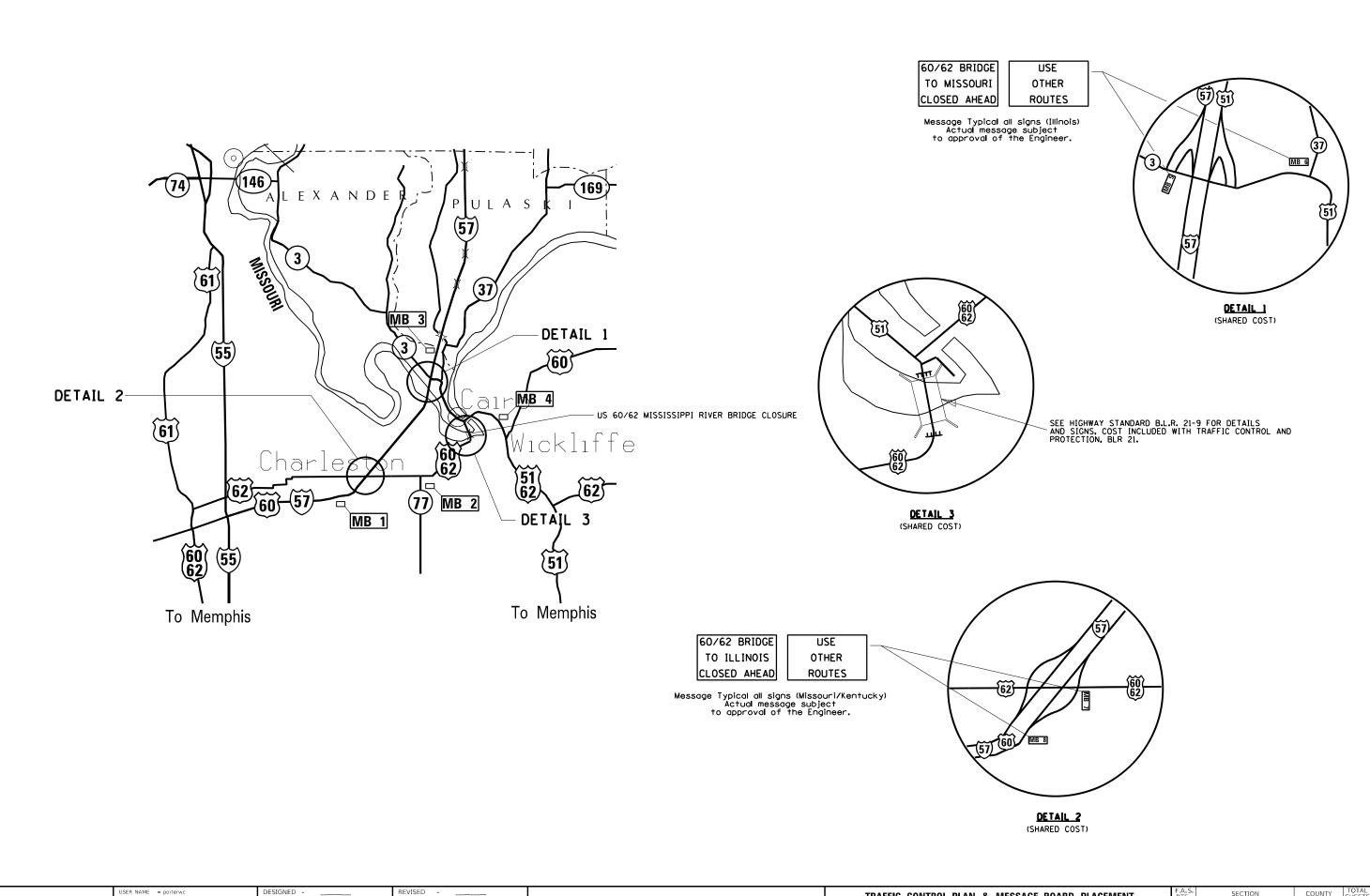
SUMMARY OF QUANTITIES

COUNTY:	ALEXANDER	MISSISSIPPI			
ROUTE:	US 60/62	US 60/62			
FUNDING:	80% FEDERAL 20% STATE	100% MISSOURI			
LOCATION:	RURAL	RURAL			
TOTAL	SN 002-0005	SN 002-0005			
QUANTITY	0013	0013			
344.5	172.25	172.25			

			LOCATION:	RURAL	RURAL	
CODE	ITEM DESCRIPTION	LINIT	TOTAL	SN 002-0005	SN 002-0005	
NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY	0013	0013	
50102400	CONCRETE REMOVAL	CU YD	344.5	172.25	172.25	
50300255	CONCRETE SUPERSTRUCTURE	CU YD	344.5	172.25	172.25	
50500405	FURNISHING AND ERECTING STRUCTURAL STEEL	POUND	168580	84290	84290	
50500505	STUD SHEAR CONNECTORS	EACH	3800	1900	1900	
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	51570	25785	25785	
	NEINTONCEMENT BANS, EFOAT COATED	TOONE	0.10,0	20.00		
52000365	NEOPRENE EXPANSION JOINT 6 1/2"	FOOT	44	22	22	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	9	4.5	4.5	
67100100	MOBILIZATION	L SUM	1	0.5	0.5	
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	282	141	141	
X7011800	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	L SUM	1	0.5	0.5	
Z0021907	SILICONE JOINT SEALER, 1.75"	FOOT	748	374	374	
	Side State S					
Z0041895	POLYMER CONCRETE	CU FT	49.6	24.8	24.8	

REV. - MS

USER NAME = porterwc	DESIGNED	REVISED
	DRAWN	REVISED
PLOT SCALE = 100 0000 / in	CHECKED	REVISED
PLOT DATE = 3/16/2021	DATE -	REVISED -

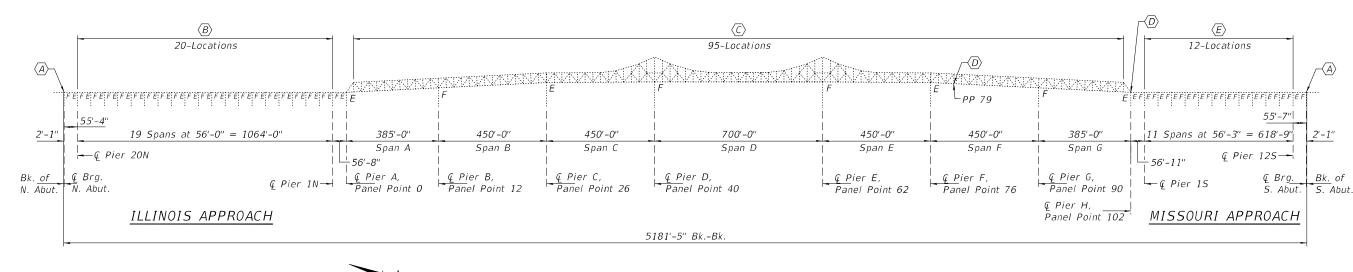


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

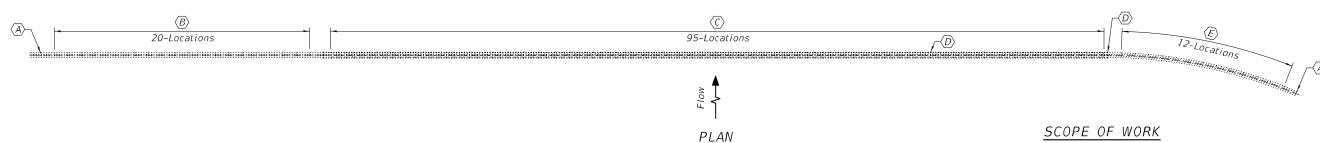
TRAFFIC CONTROL PLAN & MESSAGE BOARD PLACEMENT

SN 002-0005

SHEET OF SHEETS STA. TO STA.



ELEVATION



- $\langle \overline{A} \rangle$ Remove existing joints and replace with Polymer Concrete and Silicone Joint Sealer at North and South Abutments. (2-Locations). See sheet 2 of 4 for Details.
- (B) Remove existing joints and replace with Polymer Concrete and Silicone Joint Sealer at Pier 20N thru Pier 1N, Illinois Approach. (20-Locations). See sheet 2 of 4 for Details.
- (C) Remove & Replace existing Plate Joint at PP 1 thru PP 101 except at PP 15, 23, 47, 55, 79, and 87. (95-Locations). See sheet 3 & 4 of 4 for Details.
- (D) Retrofit existing 6½" Neoprene Joint at PP 79 & Pier H. See sheet 3 of 4 for Details.
- (E) Remove existing joints and replace with Polymer Concrete and Silicone Joint Sealer at Pier 15 thru Pier 125, Missouri Approach. (12-Locations). See sheet 2 of 4 for Details.

GENERAL NOTES

All structural steel shall conform to AASHTO Classification M-270 Gr. 36, unless otherwise noted.

Plan dimensions and details relative to 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.

Reinforcement bars designated (E) shall be epoxy coated.

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

All new structural steel shall be hot-dip galvanized. See Special Provisions for "Hot Dip Galvanizing for Structural Steel".

TOTAL BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Concrete Removal	Cu. Yd.	344.5
Concrete Superstructure	Cu. Yd.	344.5
Furnishing & Erecting Structural Steel	Pound	168580
Silicone Joint Sealer, 1¾"	Foot	748
Polymer Concrete	Cu. Ft.	49.6
Reinforcement Bars, Epoxy Coated	Pound	51570
Shear Stud Connectors	Each	3800
Neoprene Expansion Joint, 6½"	Foot	44



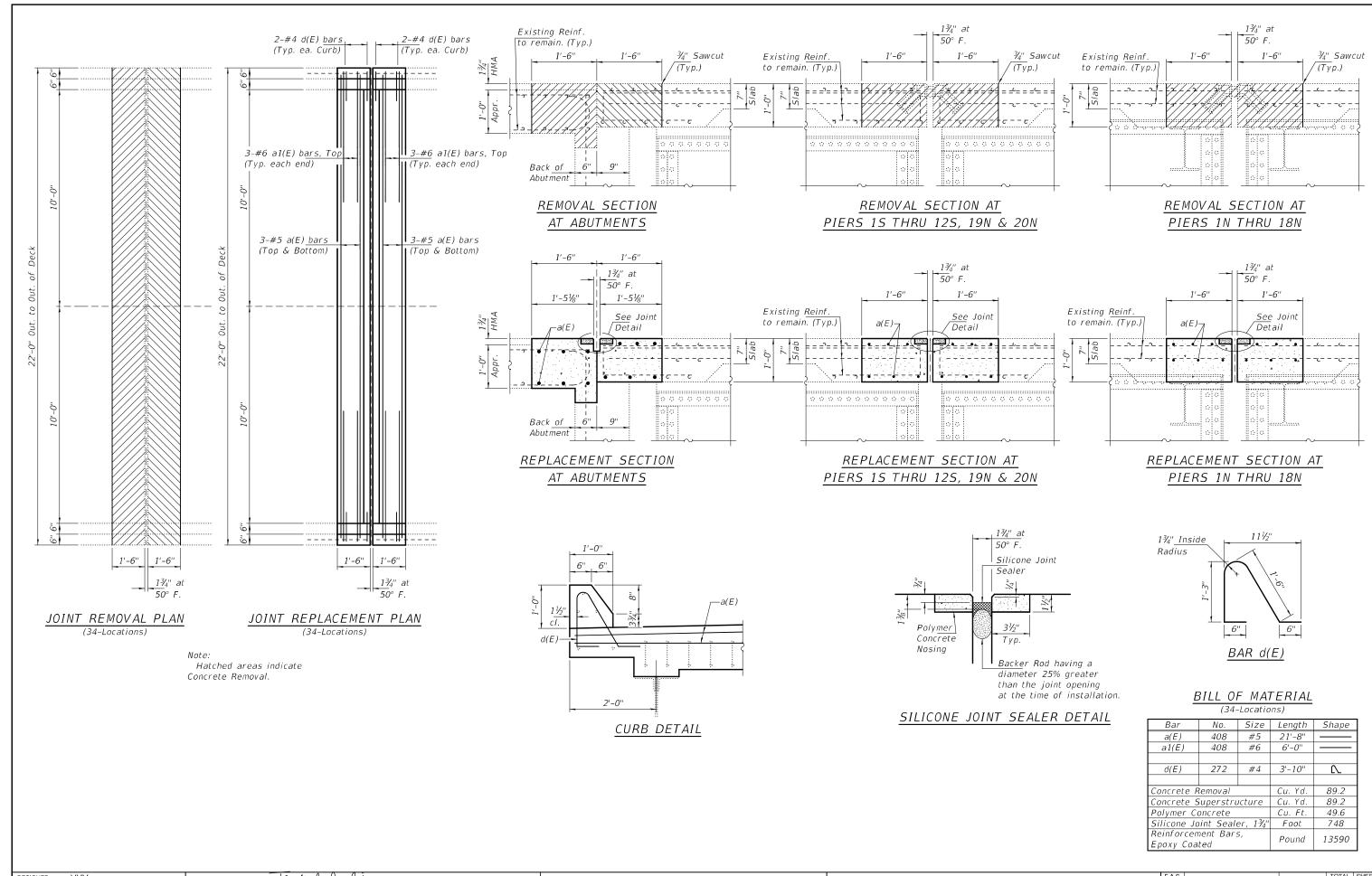
Expires: November 30, 2022

DESIGNED -	VICTOR H. VELIZ	EXAMINED	Ting A. Det	DATE -	APRIL 27, 2021
CHECKED -	ADRIAN T. HALLOWAY		ENGINEER OF STRUCTURAL SERVICES		
DRAWN -	STEFFEN	PASSED	So Carl Projecy	REVISED	-
CHECKED -	VHV ATH	1	ENGINEER OF BRIDGES AND STRUCTURES	REVISED	_

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN & ELEVATION
U.S. 60 & 62 (OLD CAIRO BRIDGE) OVER MISSISSIPPI RIVER
SN 002-0005
SHEET NO. 1 OF 4 SHEETS

F.A.S. RTE	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.	
944	(138D-BR)I-9		ALEXANDER	9	6	
				CONTRACT	NO. 78	877
ILLINOIS FED. AID PROJECT						



DRAWN - STEFFEN CHECKED - VHV ATH	PASSED -	A Carl Prayy	REVISED -	DEPARTMENT OF TRANSPORTATION	SHEET NO 2 OF 4 SHEETS		ILLINOIS EED A	CONTRACT	「NO. 7887	7
CHECKED - ATH	╣.	ENGINEER OF STRUCTURAL SERVICES		STATE OF ILLINOIS	SN 002-0005	944	(138D-BR)I-9	ALEXANDER	9	7
DESIGNED - VHV	EXAMINED	I mot A A I UT	DATE - APRIL 27, 2021		JOINT REPLACEMENT - ABUTS, & PIERS 1N-20N & 1S-12S	RTF.	SECTION	COUNTY	SHEETS	NO.

