				CONSTR. CODE
				URBAN
CODE			TOTAL	MINOR STRUCTURES 0047
CODE	LTCM	LINIT	TOTAL	
NO.	ITEM	UNIT	QUANTITY	082-0318
42001300	PROTECTIVE COAT	SQ YD	58	58
50102400	CONCRETE REMOVAL	CU YD	29.5	29.5
50300255	CONCRETE SUPERSTRUCTURE	CU YD	29.5	29.5
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	1930	1930
50800515	BAR SPLICERS	EACH	35	35
67100100	MOBILIZATION	L SUM	1	1
70100205	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	EACH	1	1
70107005	PAVEMENT MARKING BLACKOUT TAPE, 5"	FOOT	100	100
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	360	360
$\sim$	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	
$\overline{}$	SHORT TERM PAVEMENT MARKING REMOVAL			
70300220	TEMPORARY PAVEMENT MARKING = LINE 4"	FOOT	3445	3445
70400100	TEMPORARY CONCRETE BARRIER	FOOT	1050	1050
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	1050	1050
70600260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	2	2

⚠ REVISED 10-19-2021

REV. - MS

REV-SEP

USER NAME = challandeske	DESIGNED	REVISED =		SUMMARY OF QUANTITIES				F.A.I.	SECTION	COUNTY	TOTAL	SHEET	
	DRAWN	REVISED -	STATE OF ILLINOIS			JUININA	III OI QUANTITIES		70A	82-2-1HVB-BJR-1	ST. CLAIR	18	3
PLOT SCALE = 100.0000 / in.	CHECKED	REVISED -	DEPARTMENT OF TRANSPORTATION								CONTRACT	NO. 76	
PLOT DATE = 8/12/2021	DATE	REVISED 4		SCALE:	SHEET	OF	SHEETS STA.	TO STA.		ILLINOIS FED. A	ID PROJECT		

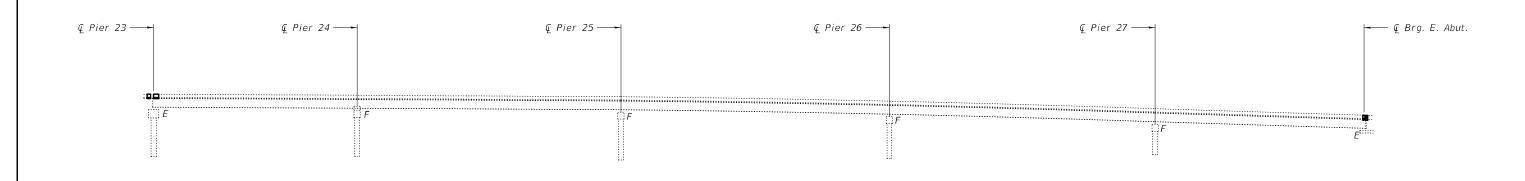
				CONSTR. CODE
				LIDDAN
				URBAN MINOR STRUCTURES
CODE		1	TOTAL	0047
NO.	ITEM	UNIT	QUANTITY	082-0318
NO.	1	UNII	QUANTITY	082-0318
70600332	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	2	2
X5870015	BRIDGE DECK CONCRETE SEALER	SQ FT	62675	62675
X7010208	TRAFFIC CONTROL AND PROTECTION, STANDARD 701402 (SPECIAL)	EACH	1	1
			16	
X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	1191	1191
X8570000	SMART TRAFFIC MONITORING SYSTEM	L SUM	1	1
			m	mmm
Z0034393	MODULAR EXPANSION JOINT 9"	FOOT	40	40
			<u> </u>	3
Z0034700	MODULAR EXPANSION JOINT 24"	FOOT	40	40
Z0076600	TRAINFFS	HOUR	500	500
2007000		110011	000	
Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500	500

Ø 0042

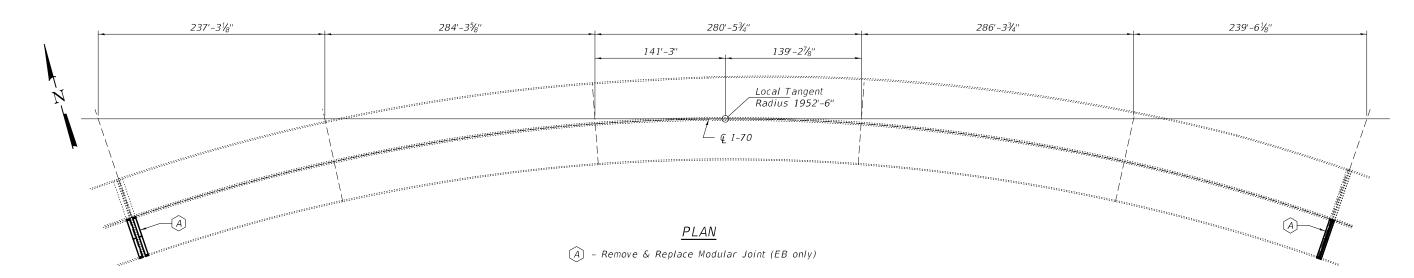
⚠ REVISED 10-19-2021

REV. - MS

USER NAME = challandeske	DESIGNED	REVISED =	*	SUMMARY OF QUANTITIES					F.A.I.	SECTION	COUNTY	TOTAL SHEET	
	DRAWN	REVISED _	STATE OF ILLINOIS	SOMMANT OF GOARTITIES					70A	82-2-1HVB-BJR-1	ST. CLAIR	18 4	
PLOT SCALE = 100.0000 / in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION									CONTRACT	NO. 76P05
PLOT DATE = 8/12/2021	DATE	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.		ILLINOIS FED. A	D PROJECT	



ELEVATION (Looking North)



#### GENERAL NOTES

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

Reinforcement bars designated (E) shall be epoxy coated.

Prior to pouring the new concrete deck, all heavy or loose rust, loose mill scale, and other loose or potentially detrimental foreign material shall be removed from the surfaces in contact with concrete. Tightly adhered paint may remain unless otherwise noted. Removal shall be accomplished by methods that will not damage the steel and the cost will be included in the pay item covering removal of the existing concrete.

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.

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.

The deck surface shall have its final finish tined according to Article 420.09(e)(1) of the Standard Specifications. Cost included with Concrete Superstructure.

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

The steel components for the Modular Expansion Joints shall be hot-dip galvanized according to Special Provision "Hot Dip Galvanizing for Structural Steel".

Existing structure plans will be made available upon request.

# DAVID CARL OF PUZEY 081-005470 THE SPRINGFIELD &

⚠ REVISED 10-19-2021

## EXPIRES 11-30-2022

DESIGNED - V	ictor H. Veliz	EXAMINED	Thing A. All	DATE -	SEPTEMBER 30, 2021	
CHECKED - C	Chi-Cheung Chau	-	ENGINEER OF STRUCTURAL SERVICES			
DRAWN - de	aburdell	PASSED	In Carl Projey	REVISED	Revised 10/18/2021 VHV	
CHECKED - V	'HV CCC	-	ENGINEER OF BRIDGES AND STRUCTURES	REVISED	-	

# STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

# GENERAL PLAN AND ELEVATION FAI 70 OVER MISSISSIPPI RIVER SN 082-0318 (EB) SHEET NO. 1 OF 8 SHEETS

F.A.I. RTE	SEC.	COUNTY	TOTAL SHEETS	SHEE NO.		
70	82-2-1HV	/B-BJR-1		ST, CLAIR	18	9
		CONTRACT	NO 76F	P05		
		LLINOIS	FED A	D PROJECT		

# DESIGN SPECIFICATIONS

AASHTO LRFD Bridge Design Specifications

### TOTAL BILL OF MATERIAL

ITEM	UNIT	QUANTITY	
Concrete Removal	Cu. Yd.	29.5	
Concrete Superstructure	Cu. Yd.	29.5	
Reinforcement Bars, Epoxy Coated	Pound	1930	
Protective Coat	Sq. Yd.	58	
Bar Splicers	Each	35	Δ
Modular Expansion Joint 9"	Foot	40	<u> </u>
Modular Expansion Joint 24"	Foot	40	
Bridge Deck Concrete Sealer	Sq. Ft.	62675	

