07-31-2020 LETTING ITEM 035

## STATE OF ILLINOIS

### **DEPARTMENT OF TRANSPORTATION**

D-96-078-20

FOR INDEX OF SHEETS, SEE SHEET NO. 2

# PROPOSED CONTRACT MAINTENANCE

FAI ROUTE 55 (I-55)
SECTION (84-4-2) BRR, BJR
PROJECT (STATE ONLY)
BRIDGE REPAIRS
SANGAMON COUNTY

C-96-108-20

N A S

PROJECT LOCATION

SN 084-0116

E LAKESHORE DR OVER I-55

O.7 MI S LAKE SPRINGFIELD

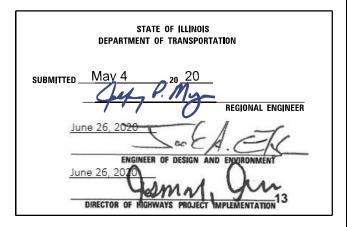
0 100' 200' 300' — 1" = 100'
0 50' 100' — 1" = 50'
0 50' 100' — 1" = 40'
0 50' — 100' — 1" = 30'
0 50' — 1" = 30' — 1" = 20'

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 EXCAVATION
1–800–892–0123
OR 811

**BRIDGE MAINTENANCE ENGINEER: BRANDON DUDLEY - (217) 785-9290** 

GROSS LENGTH = 262 FT. = 0.05 MILE NET LENGTH = 262 FT. = 0.05 MILE CARROLL
WHATESIDE
LEE
DE KALB
KAME
DU PAGE
COOK
WERREY
WARREN
HERKER
WHATESIDE
LEE
DE KALB
KAME
DU PAGE
COOK
COOK
WARREN
HANGINAL
HANGINAL
HANGINAL
HANGINAL
HANGINAL
HANGINAL
HORGAN
ADAMS
BROWN
CASS
MENARD
JERSEY
HANGOLIFIE
HORGAN
MACOLIFIE



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CONTRACT NO. 72M10

INDEX OF SHEETS STANDARDS 1 COVER SHEET 000001-07 2 INDEX, STANDARDS, SIGNATURES, & GENERAL NOTES 001001-02 3 SUMMARY OF QUANTITIES 001006 4-7 SN 084-0116 BRIDGE PLANS 701001-02 701006-05 701101-05 701106-02 701201-05 701301-04 701400-09 701401-12 701411-09 GENERAL NOTES: 701428-01 701901-08

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
DISTRICT 6

EXAMINED April 30 20 20

ENGINEER OF PROJECT IMPLEMENTATION

EXAMINED April 28 20 20

ENGINEER OF PROGRAM DEVELOPMENT

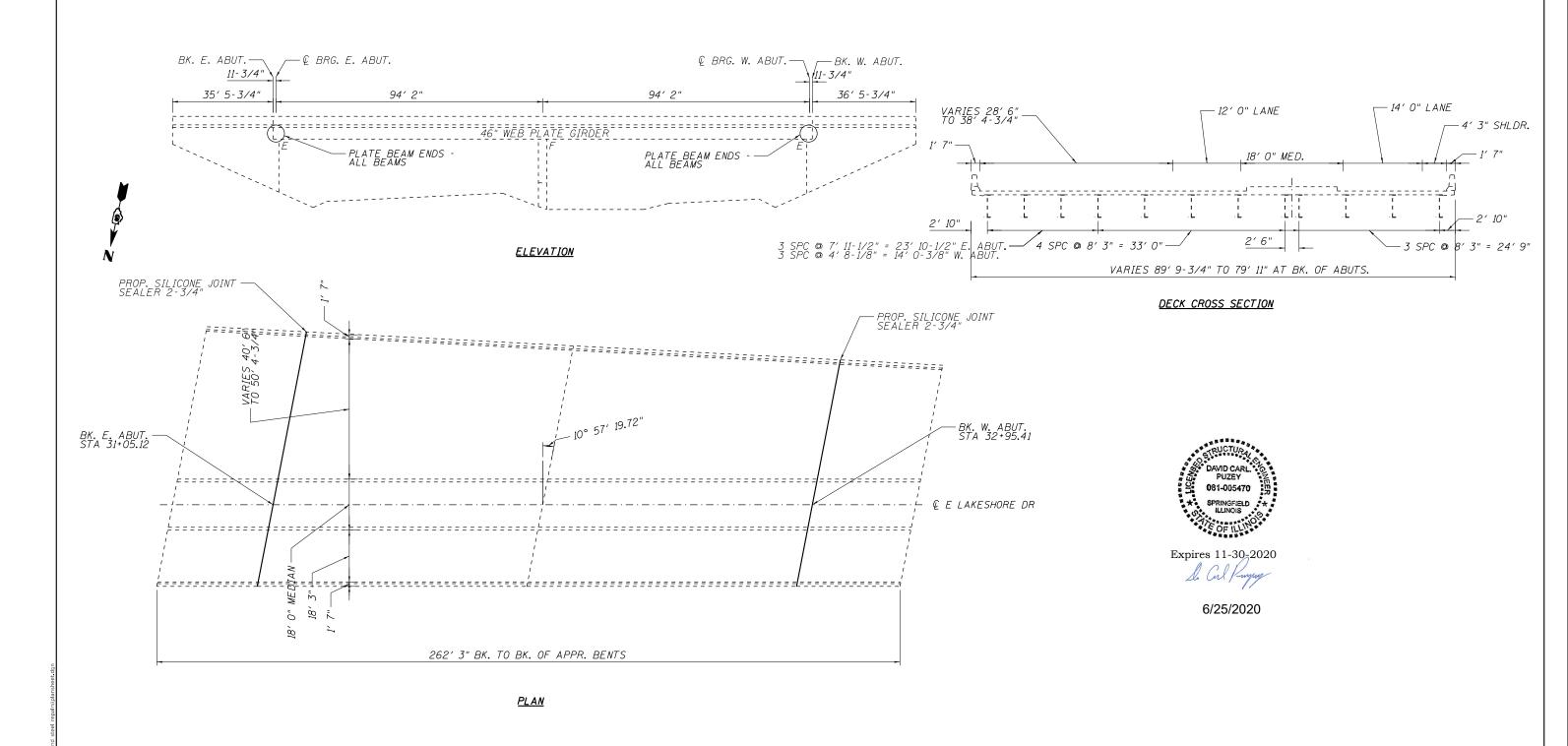
REV. - MS

USER NAME = dudleybm	DESIGNED	REVISED -	INDEX STANDARDS GENERAL NOTES					INDEX STANDARDS GENERAL NOTES		INDEX, STANDARDS, GENERAL NOTES,						SECTION	COUNTY TOTAL SH	
	DRAWN	REVISED -	STATE OF ILLINOIS		& SIGNATURES					55	(84-4-2) BRR. BJR	SANGAMON	7 2					
PLOT SCALE = 100.0000 / in.	CHECKED *	REVISED =	DEPARTMENT OF TRANSPORTATION			& 510	GNATUR	IES .		1	(21.1.2, 21, 21		NO. 72M10					
PLOT DATE = 5/5/2020	DATE	REVISED +		SCALE: SHEET OF SHEETS STA. TO STA.   ILLINOIS FED. AID PROJECT						AID PROJECT								

0-02175-6004 SN 084-0116 100% STATE

				100% STATE
				BRIDGE/URBAN
CODE			TOTAL	0047
NO.	ITEM	UNIT	QUANTITY	SANGAMON
67100100	MOBILIZATION	L SUM	1	1
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	3	3
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1	1
Z0001905	STRUCTURAL STEEL REPAIR	POUND	1920	1920
Z0012754	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SQ FT	1203	1203
Z0021914	SILICONE JOINT SEALER, 2.75"	FOOT	116	116

USER NAME = dudleybm	DESIGNED -	REVISED -		SUMMARY OF QUANTITIES							SECTION	COUNTY	TOTAL	SHEET
	DRAWN -	REVISED -	STATE OF ILLINOIS								(84-4-2) BRR, BJR	SANGAMON	7	3
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION							55		CONTRACT	NO. 72	2M10
PLOT DATE = 5/5/2020	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.		ILLINOIS FED. A	ID PROJECT		



STRUCTURE GENERAL NOTES:

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 THE SCOPE OF WORK, HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.

ALL STRUCTURAL STEEL SHALL BE AASHTO M270 GRADE 36 UNLESS OTHERWISE NOTED.

EXISTING STRUCTURAL STEEL THAT WILL BE IN CONTACT WITH NEW STRUCTURAL STEEL SHALL BE CLEANED AND PAINTED PRIOR TO ERECTION AS REQUIRED BY THE SPECIAL PROVISION "CLEANING AND PAINTING CONTACT SURFACE AREAS OF EXISTING STEEL STRUCTURES".

ALL NEW STRUCTURAL STEEL SHALL BE HOT-DIP GALVANIZED. SEE SPECIAL PROVISIONS FOR "HOT DIP GALVANIZING FOR STRUCTURAL STEEL".

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.

#### TOTAL BILL OF MATERIAL (084-0116)

ITEM	UNIT	QUANTITY
Silicone Joint Sealer 2-3/4"	Foot	166
Structural Repair of Concrete (Depth < or = 5")	Sq. Ft.	1203
Structural Steel Repair	Pound	1920

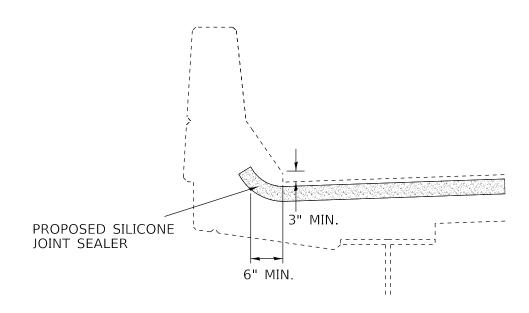
USER NAME = dudleybm	DESIGNED	-	BRANDON DUDLEY	REVISED	=
	DRAWN	-	BRANDON DUDLEY	REVISED	=
PLOT SCALE = 100.0000 / in.	CHECKED	-	JASON JONES	REVISED	=
PLOT DATE = 6/25/2020	DATE	-		REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:

	BRIDGE PLAN & ELEVATION SN 084-0116		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
SN 084-0116			55	(84-4-2) BRR, BJR	SANGAMON	7	4			
3N 084-0110						CONTRACT	NO. 7	2M10		
	SHEET 1	OF 4	SHEETS	STA.	TO STA.		ILLINOIS FED.	AID PROJECT		

## ABUTMENTJOINT CROSS SECTION: SILICONE JOINT SEALER, 2-3/4"



TYPICAL PARAPET CROSS SECTION: SILICONE JOINT SEALER END TREATMENT

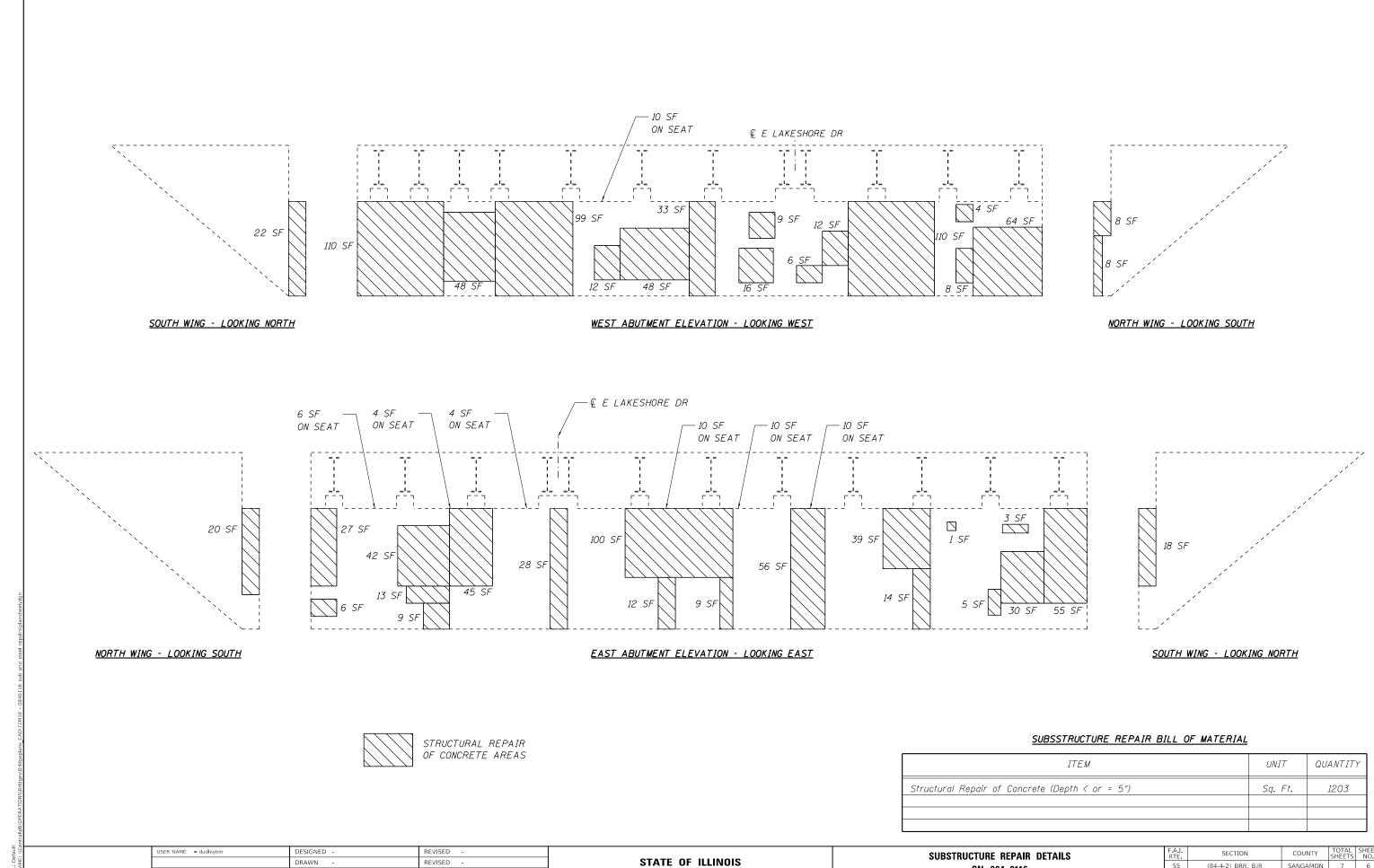
#### NOTES:

- JOINT WIDTHS SPECIFIED IN PLANS ARE AT 50° F. THE CONTRACTOR SHALL INSTALL BACKER ROD HAVING A DIAMETER 25% GREATER THAN THE JOINT OPENING AT THE TIME OF INSTALLATION.
- THE COST OF REMOVING AND DISPOSING OF EXISTING JOINT SEAL MATERIAL SHALL BE INCLUDED IN THE BID PRICE FOR SILICONE JOINT SEALER.

#### JOINT REPAIR BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Silicone Joint Sealer 2-3/4"	Foot	166

USER NAME = dudleybm	DESIGNED -	REVISED -				JOINT R	FPΔIR Γ	DETAILS		F.A.I. RTF	SECTION	COUNTY	TOTAL	SHEET
	DRAWN -	REVISED -	STATE OF ILLINOIS		•					55	(84-4-2) BRR, BJR	SANGAMON	7	5
PLOT SCALE = 100.0000 / in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION			21/	084–01	16				CONTRACT	T NO. 72	2M10
PLOT DATE = 5/5/2020	DATE -	REVISED -		SCALE:	SHEET 2	OF 4	SHEETS	STA.	TO STA.		ILLINOIS FED. A	ID PROJECT		



**DEPARTMENT OF TRANSPORTATION** 

(84-4-2) BRR, BJR

SN 084-0116

TO STA.

SHEET 3 OF 4 SHEETS STA.

SANGAMON

CONTRACT NO. 72M10

DRAWN

DATE

CHECKED -

LOT SCALE = 100.0000 ' / in.

REVISED

REVISED

