### 04-27-2018 LETTING ITEM 030

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### FOR INDEX OF SHEETS, SEE SHEET NO. 2

### THE IMPROVEMENT IS LOCATED IN THE CITY OF CHICAGO.

**TRAFFIC DATA** 

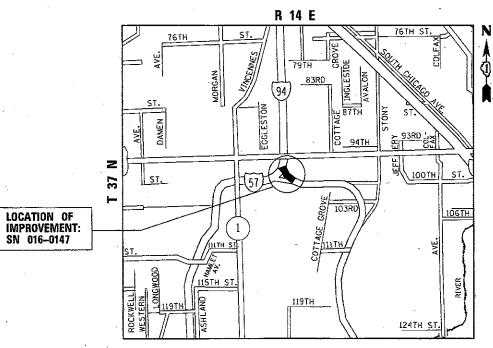
<u>I-94 SB EXPWY</u> ADT (2016) = 117,500 POSTED SPEED LIMIT = 55 MPH

## STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

# **PROPOSED HIGHWAY PLANS**

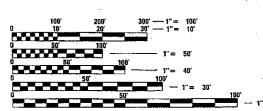
F.A.I. ROUTE 94: I–94 EXPRESSWAY SB OVER I–57 SECTION: 1515.2B–BR BRIDGE REPAIR /BRIDGE JOINT REPAIR COOK COUNTY

C-91-096-18



LAKE & HYDE PARK TOWNSHIPS

GROSS & NET LENGTH = 164.0 FT. = 0.031 MILE

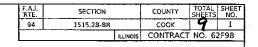


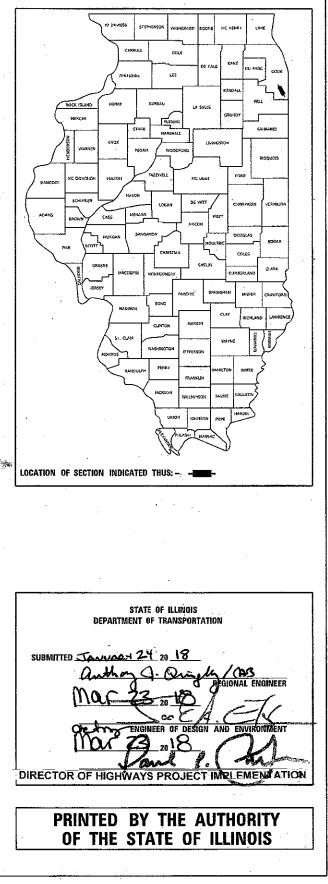
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER J. ALAIN MIDY (847) 221–3056 PROJECT MANAGER FAWAD AQUEEL (847) 705–4247

CONTRACT NO. 62F98





D-91-232-18

### **INDEX OF SHEETS**

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### **HIGHWAY STANDARDS**

SHEET NO.	DESCRIPTION	STANDARD NO.	DESCRIPTION	UTILITIES. 48 HOUR NOTIFIC.
1	COVER SHEET			THE CONTRACTOR SHALL COOR AND THE CITY OF CHICAGO.
2	INDEX OF SHEETS, STANDARDS, AND GENERAL NOTES	701400-09	APPROACH TO LANE CLOSURE, FREEWAY / EXPRESSWAY	PLAN DIMENSIONS AND DETAIL
۵ _	· · · · · · · · · · · · · · · · · · ·	701401-11	LANE CLOSURE, FREEWAY / EXPRESSWAY	CONSTRUCTION VARIATIONS. TH
3	SUMMARY OF QUANTITIES	701411-09	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS $\geq$ 45 MPH	AND DETAILS AFFECTING NEW PRIOR TO CONSTRUCTION OR C
4-8	BRIDGE PLANS (016-0147)			CAUSE FOR ADDITIONAL COMPE
9	TRAFFIC CONTROL DETAILS FOR FREEWAY SINGLE & MULTI-LANE	701428-01	TRAFFIC CONTROL SETUP AND REMOVAL FREEWAY / EXPRESSWAY	THE CONTRACTOR WILL BE PAI PRICE BID FOR THE WORK.
	WEAVE (TC-09)	701901-07	TRAFFIC CONTROL DEVICES	THE CONTRACTOR WILL NOT BE
				PROPERTY WITHOUT WRITTEN F

ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS CUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED AT NO ADDITIONAL COST TO THE DEPARTMENT,

THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847)705-4151 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

THE ENGINEER SHALL CONTACT PATRICE HARRIS, IDOT'S AREA TRAFFIC FIELD ENGINEER FOR SOUTHEAST COOK COUNTY, VIA EMAIL AT PATRICE.HARRIS@ILLINOIS.GOV OR AT (708) 597-9800 A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.

BRIDGE INSPECTORS.

**GENERAL NOTES** 

THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.

DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.

티 기	PLOT SCALE = 100.0000 ' / in,	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION		
1.3		DRAWN -	REVISED -	STATE OF ILLINOIS	INDEX OF SHEETS, S AND GENER	
MODEL: Defau	USER NAME = pyrzanowskirb	DESIGNED -	REVISED -			TATE OF
revitte644EBIDNTFEG.IIII						

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL C.U.A.N. AT (312) 744-7000 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS UTILITIES. 48 HOUR NOTIFICATION IS REQUIRED.

COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES,

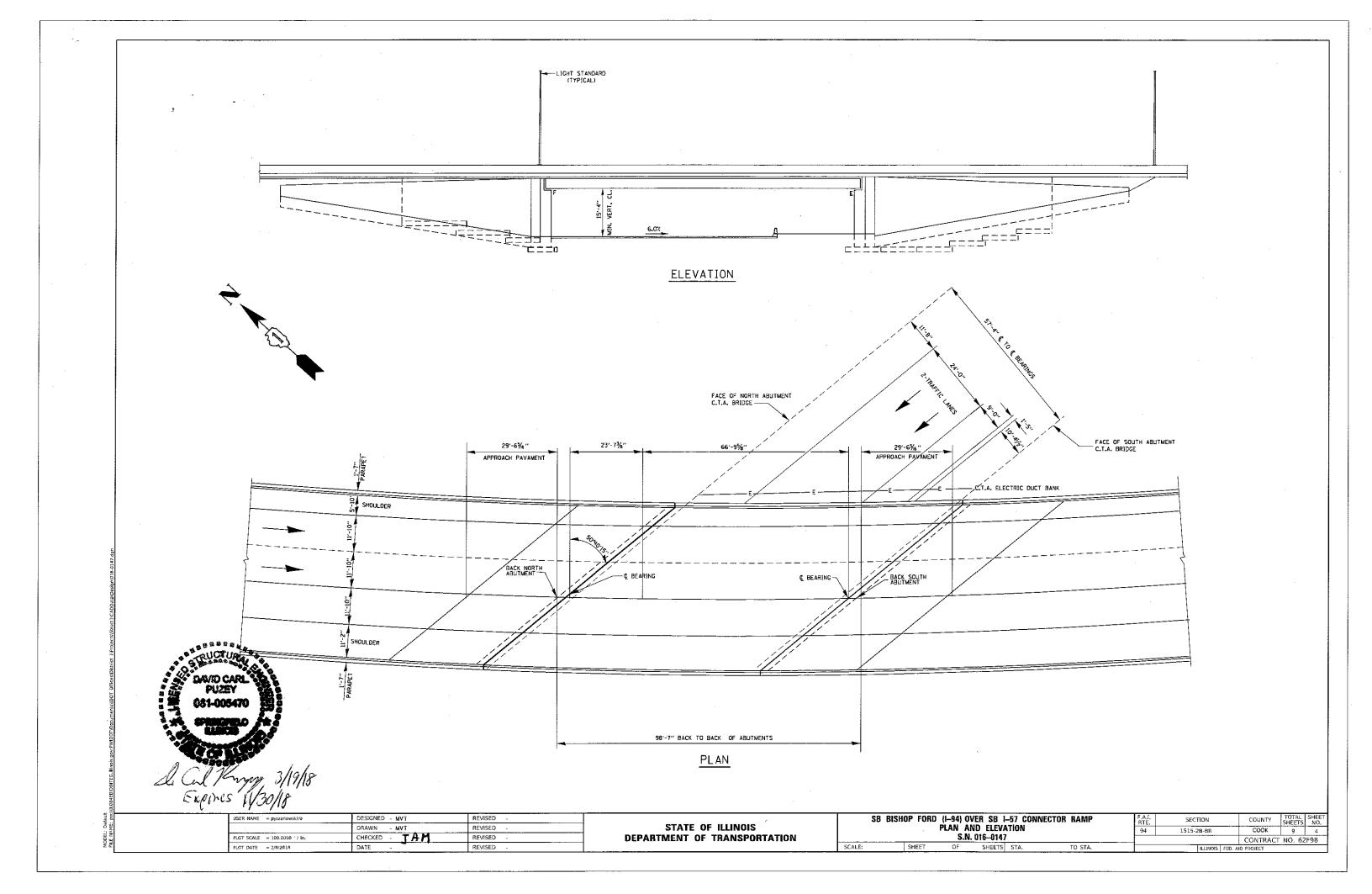
DETAILS RELATIVE TO EXISTING PLANS ARE SUBJECT TO NOMINAL TIONS. THE CONTRACTOR SHALL FIELD VERIFY EXISTING DIMENSIONS NG NEW CONSTRUCTION AND MAKE NECESSARY APPROVED ADJUSTMENTS TON OR ORDERING OF MATERIALS. SUCH VARIATIONS SHALL NOT BE AL COMPENSATION FOR A CHANGE IN SCOPE OF THE WORK, HOWEVER, BE PAID FOR THE QUANTITY ACTUALLY FURNISHED BASED AT THE UNIT

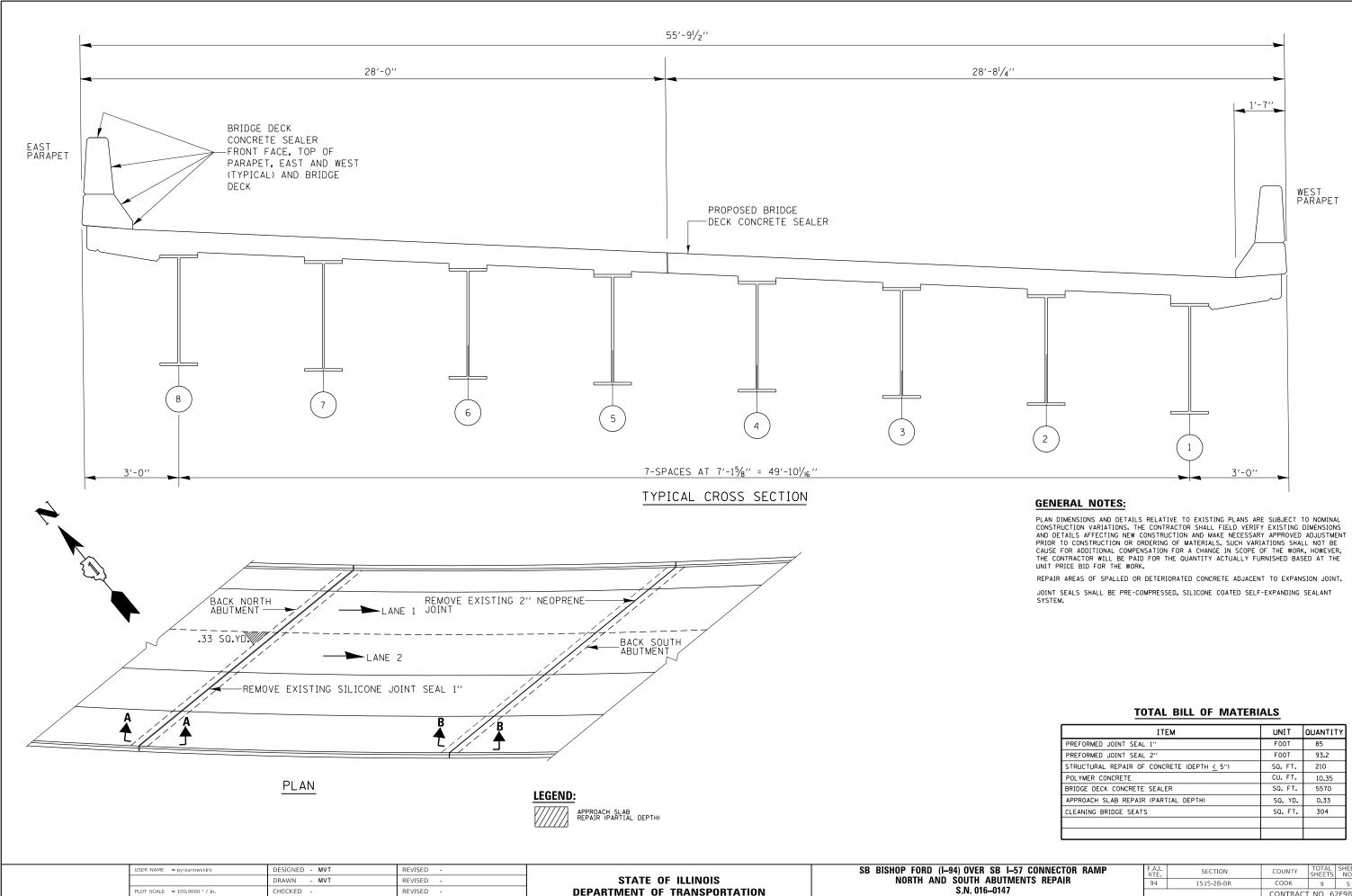
NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE ITTEN PERMISSION FROM THE DEPARTMENT,

THESE PLANS HAVE BEEN PREPARED FROM NOTES RECEIVED FROM THE BUREAU OF MAINTENANCE

E STANDARDS		F.A.J. RTE	SECTION		COUNTY	TOTAL	SHEET NO.
NOTES		94	1515.2B-BR		COOK	9	2
					CONTRACT	`NO. 62	2F98
STA. TO	) STA.		 ILUNOI5	FED. AI	D PROJECT		

67000400 ENG 67100100 MOB X0900046 PREF	SUMMARY OF QUANTITIES ITEM SE DECK CONCRETE SEALER SINEER'S FIELD OFFICE, TYPE A ILLIZATION FORMED JOINT SEAL, 1"	UNIT SOFT CALMO L SUM	URBAN TOTAL QUANTITIES 5570 3 3	0047 5570 3						CODE NO	SUMMAI	RY OF OUANTITIES	UNIT	TOTAL QUANTITIES		CON	STRUCTIO	N TYPE COL	<u>DE</u>	
X5870015 BR2b6 67000400 ENG 67100100 MOB X0900046 PREF	SE DECK CONCRETE SEALER INEER'S FIELD OFFICE, TYPE A	SO FT CAL MO	TOTAL QUANTITIES 5570 3	5570						CODE NO		ITEM	UNIT							
67000400 ENG 67100100 MOB X0900046 PREF	INEER'S FIELD OFFICE, TYPE A	CAL MO	3	3							#mm==-									
67100100 M0B1 X0900046 PREF	ILIZATION	L SUM																		
X0900046 PREF	· · · · · · · · · · · · · · · · · · ·		1	1																
	FORMED JOINT SEAL, 1"	FOOT											· · · · · · · · · · · · · · · · · · ·							
	FORMED JOINT SEAL, 1"	FOOT																4 44 4 44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		
TRAC			85	85																
X7011015 (EXF	FFIC CONTROL AND PROTECTION PRESSWAYS)	LSUM	1	1																
Z0001800 APPF	ROACH SLAB, REPAIR (PARTIAL DEPTH)	SO YD	0. 33	0. 33																
Z0010400 CLEA	ANING BRIDGE SEATS	SO FT	304	304		-														
Z0012754 STRL EQUA	UCTURAL REPAIR OF CONCRETE (DEPTH AL TO OR LESS THAN 5 INCHES)	SO FT	210	210																
Z0041895 POLY	YMER CONÇRETE	CU FT	10. 35	10. 35			·	-												
								*											<u> </u>	
XO 900058 PREF	ORMED JOINT SEAL 2"	FOOT	93. 2	93. 2																
2																				
			· · · · · · · · · · · · · · · · · · ·				****													
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FILE NAME = pwWL004EBIOINTEGINIndisgov#Wi	NDOT-Document&VDD Of Floes-Ditatrict NProjects-Di23265CADData/Design/Di2326DR PLUT SCALE = 1000000 ' / In. CH	SIGNED - SIGNED - ECKED - TE -		REVISED REVISED REVISED REVISED	-		Di	ST/	ATE OF I	ILLINOIS RANSPORTATI	ION		MARY OF QUANT		<b>I</b>	F.A.I. RTE. 94	SECTIO 1515,28-	BR	OUNTY TO SHE COOK S	TAL SHEE EETS NO. 9 3 0 62591





REVISED

**DEPARTMENT OF TRANSPORTATION** SCALE:

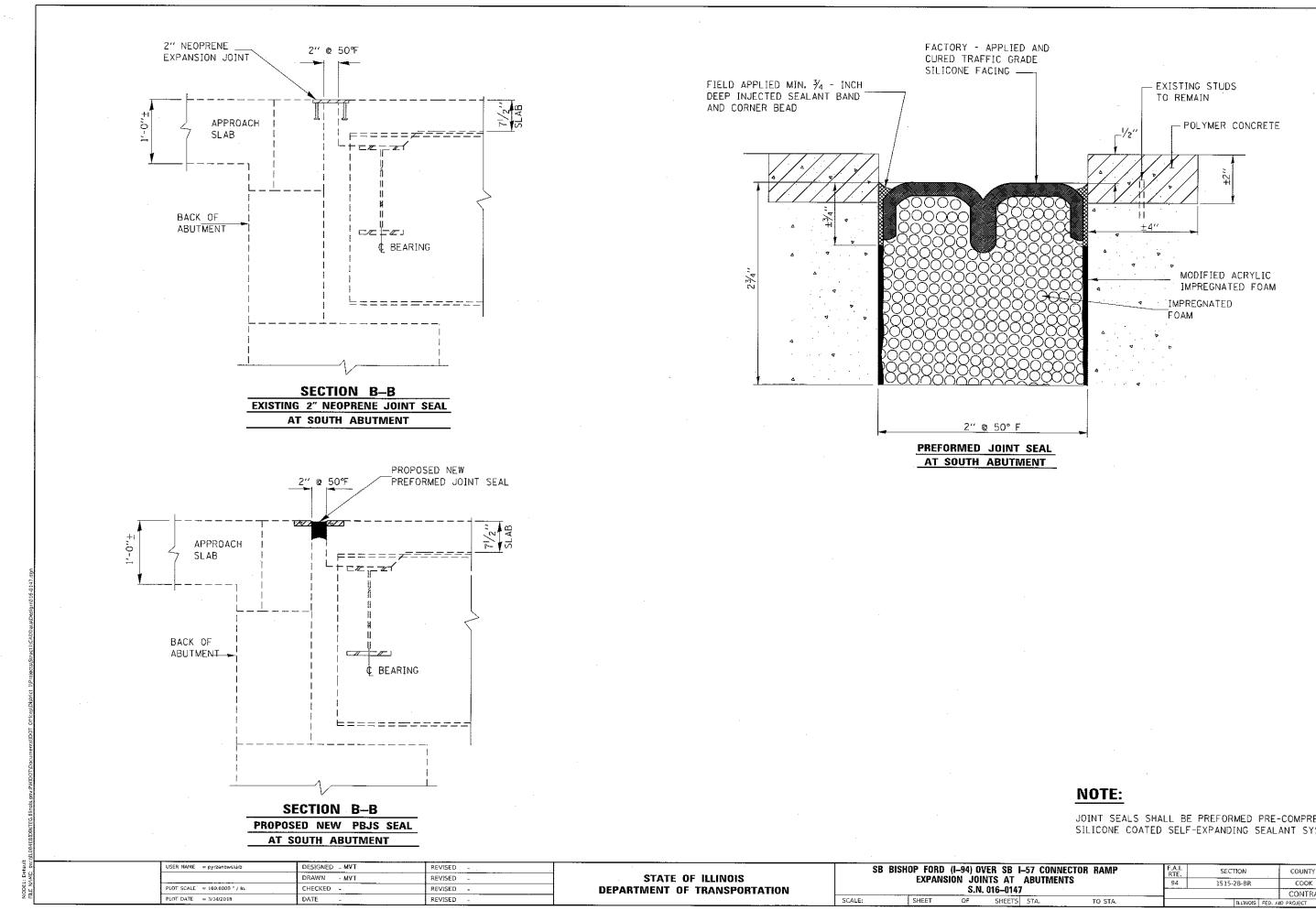
S.N. 016-0 SHEET OF SHEETS

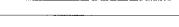
PLOT DATE = 2/8/2018

DATE

ITEM	UNIT	QUANTITY
PREFORMED JOINT SEAL 1"	FOOT	85
PREFORMED JOINT SEAL 2"	FOOT	93.2
STRUCTURAL REPAIR OF CONCRETE (DEPTH < 5")	SQ. FT.	210
POLYMER CONCRETE	CU. FT.	10.35
BRIDGE DECK CONCRETE SEALER	SQ. FT.	5570
APPROACH SLAB REPAIR (PARTIAL DEPTH)	SQ. YD.	0.33
CLEANING BRIDGE SEATS	SQ. FT.	304

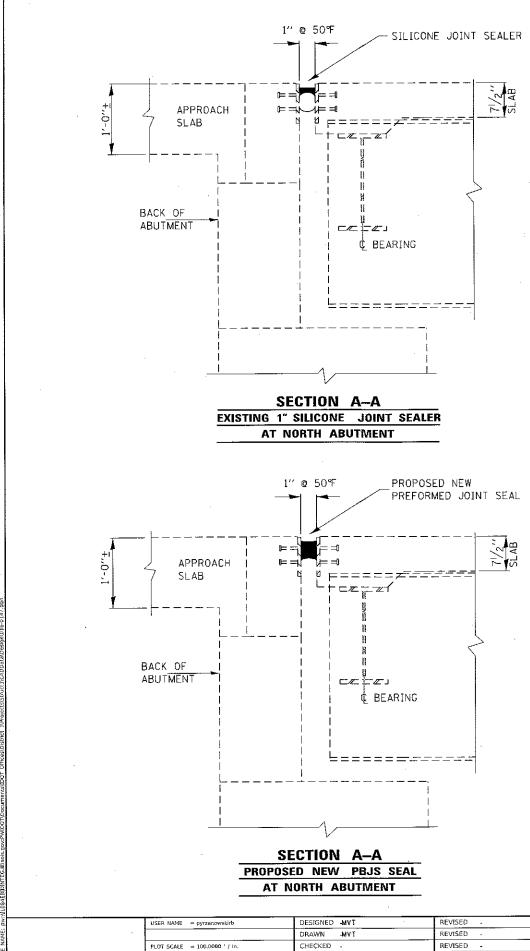
_		ONNECTOR RAMP	F.A.I. RTE	RTE. SECTION			COUNTY	TOTAL SHEETS	SHEET NO.
BUTMENTS REPAIR 0147		94	1515-2B-BR			СООК	9	5	
U	147				CONTRACT	NO. 6	2F98		
S	STA.	TO STA.			ILLINOIS	FED. AI	ID PROJECT		



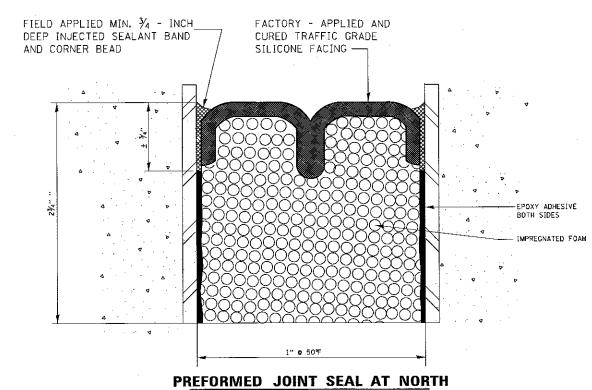


JOINT SEALS SHALL BE PREFORMED PRE-COMPRESSED, SILICONE COATED SELF-EXPANDING SEALANT SYSTEM.

–57 CONNECTOR RAMP Abutments		F.A.L RTE.	RTE. SECTION		COUNTY TOTAL SHE SHEETS NC		
		94	1515-2B-BR	COOK	COOK 9		
				CONTRAC	T NO. 6	2F98	
STA.	TO STA.		ILLINOIS FED	AID PROJECT			



PLOT DATE = 3/14/2018

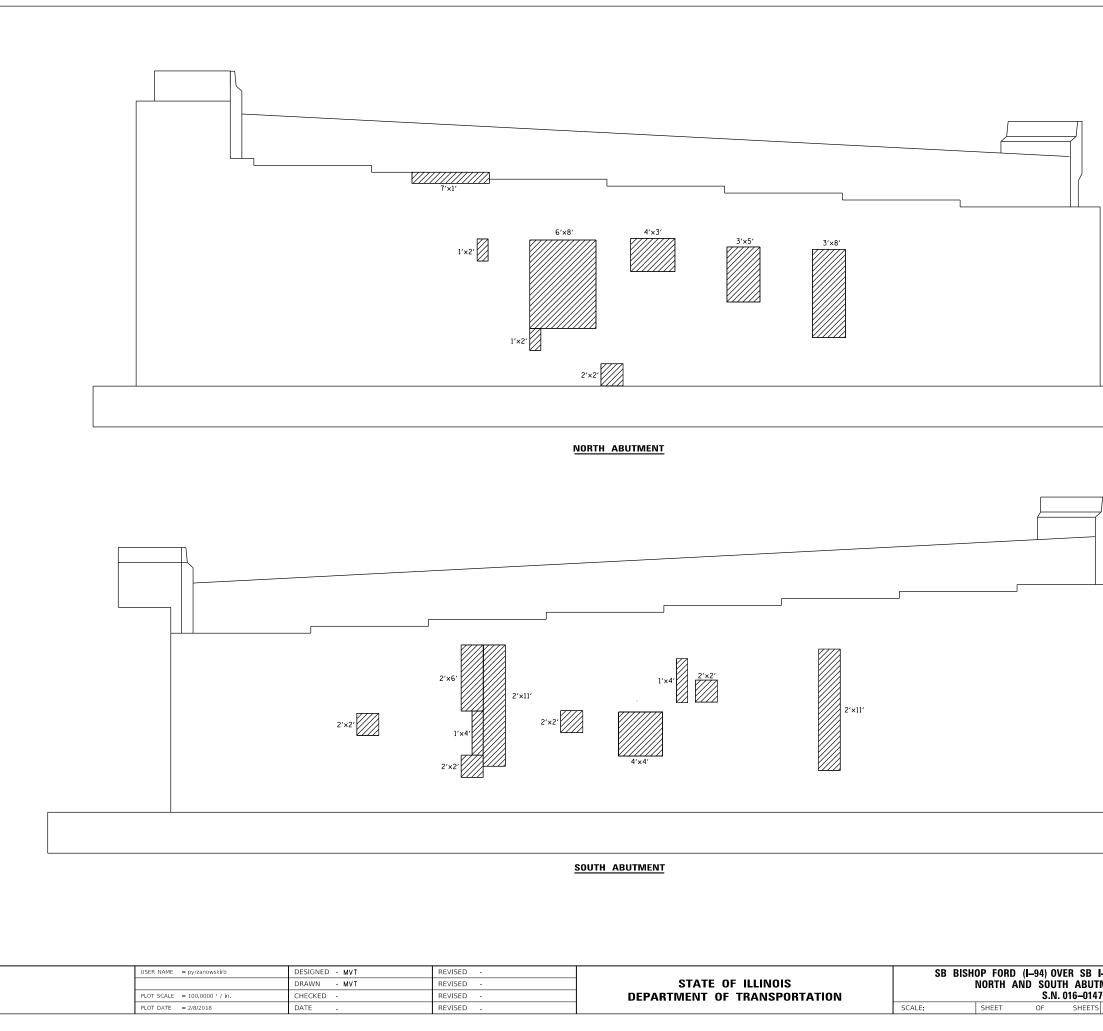


ABUTMENT

	NORTH ABUTMENT			SILICONE COAT	ED SELF-EXPANDING SEALANT SYSTEM.	
kirb	DESIGNED -MVT	REVISED -		SB BISHOP FORD (1–94) OVER SB 1–57 CONNECTOR RAMP	F.A.I. SECTION COUNTY SHEETS N	HEET NO.
	DRAWN -MVT	REVISED -	STATE OF ILLINOIS	EXPANSION JOINTS AT ABUTMENTS	94 1515-2B-BR COOK 9	7
/ I in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION	S.N. 016–0147	CONTRACT NO. 62F9	:98
	DATE -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.	ILLINOIS FED. AID PROJECT	

### NOTE:

JOINT SEALS SHALL BE PREFORMED PRE-COMPRESSED,



LEGEND:
$\overline{\nabla 77777}$

STRUCTURAL REPAIR OF CONCRETE DEPTH < 5"

### **BILL OF MATERIALS**

			ITEM			UNIT	QUANTITY
STRUCTURAL	REPAIR	OF	CONCRETE	DEPTH	≤5	SQ.FT.	211

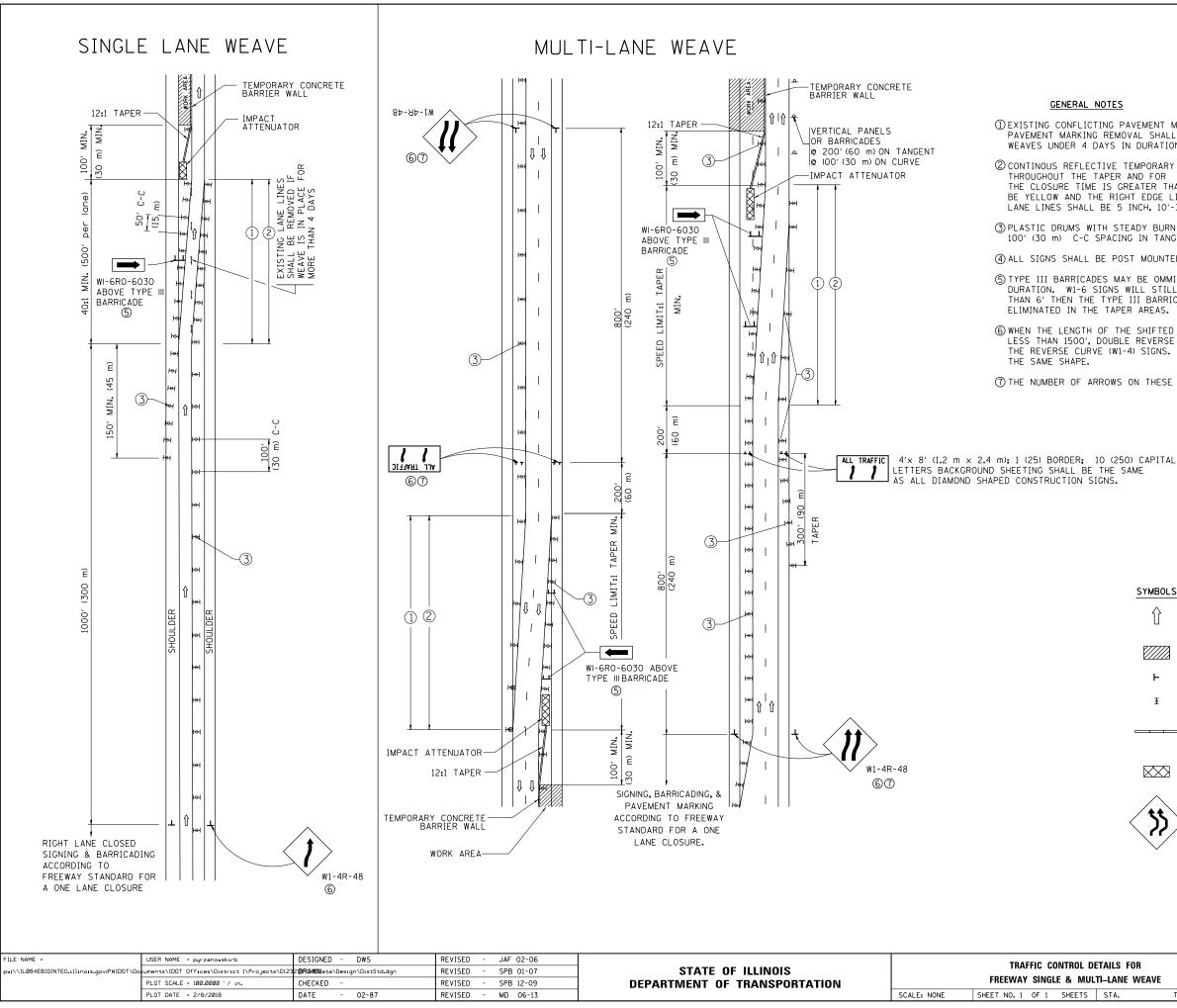
### NOTE:

CONDUIT AND OTHER OBSTRUCTIONS EXIT ON SUBSTRUCTURE UNITS AND THE CONTRACTOR IS RESPONSIBLE FOR REMOVAL, TEMPORARY SUPPORT AND REATTACHMENT AS PART OF STRUCTURE REPAIR CONCRETE WORK.

### **BILL OF MATERIALS**

			ITEM			UNIT	QUANTITY
STRUCTURAL	REPAIR	OF	CONCRETE	DEPTH	≤5	SQ.FT.	97

I–57 CONNECTOR RAMP Tments repair		SECTION			COUNTY	TOTAL SHEETS	SHEET NO.	
IMENIS REPAIR		1515-2B-BR			СООК	9	8	
47					CONTRACT NO. 62F9			
S STA. TO STA.			ILLINOIS	FED, AI	D PROJECT			



① EXISTING CONFLICTING PAVEMENT MARKING LINES SHALL BE REMOVED. PAVEMENT MARKING REMOVAL SHALL NOT BE REQUIRED FOR SINGLE LANE WEAVES UNDER 4 DAYS IN DURATION.

② CONTINOUS REFLECTIVE TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT THE TAPER AND FOR 300' (90 m) ALONG SIDE THE WORK AREA WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN DAYS. THE LEFT EDGE LINE SHALL BE YELLOW AND THE RIGHT EDGE LINE SHALL BE WHITE. FOR MULTI-LANE WEAVES LANE LINES SHALL BE 5 INCH, 10'-30' (3 m-9 m) SKIP DASH, WHITE.

(3) PLASTIC DRUMS WITH STEADY BURN LIGHTS AT 50' (15 m) C-C SPACING IN TAPERS AND 100' (30 m) C-C SPACING IN TANGENTS.

(4) ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.

(5) TYPE III BARRICADES MAY BE OMMITTED FOR SINGLE-LANE WEAVES UNDER 24-HOURS IN DURATION. W1-6 SIGNS WILL STILL BE REQUIRED. IF THE WIDTH OF OFFSET IS LESS THAN 6' THEN THE TYPE III BARRICADE WITH ATTACHED ARROW SIGN PANEL CAN BE

(6) WHEN THE LENGTH OF THE SHIFTED SEGMENT (DISTANCE BETWEEN WEAVE POINTS) IS THE REVERSE CURVE (W1-4) SIGNS. ARROWS ON THE 4'X8' "ALL TRAFFIC" SIGNS SHALL BE

(7) THE NUMBER OF ARROWS ON THESE SIGNS SHALL MATCH THE NUMBER OF LANES OPEN TO TRAFFIC.

### SYMBOLS

- **î**₽ DIRECTION OF TRAFFIC
- WORK AREA
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TYPE II BARRICADE OR DRUM WITH MONO-DIRECTIONAL ₫ STEADY BURNING LIGHT

TEMPORARY CONCRETE BARRIER WALL

 $\mathbb{X}$ 

IMPACT ATTENUATOR

W24-1-48

7

### ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

DETAILS FOR JLTI-LANE WEAVE			F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			94	1515.2B-BR	COOK	9	9
			_	TC-09	CONTRACT NO. 62F98		
	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				