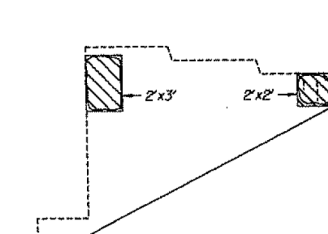
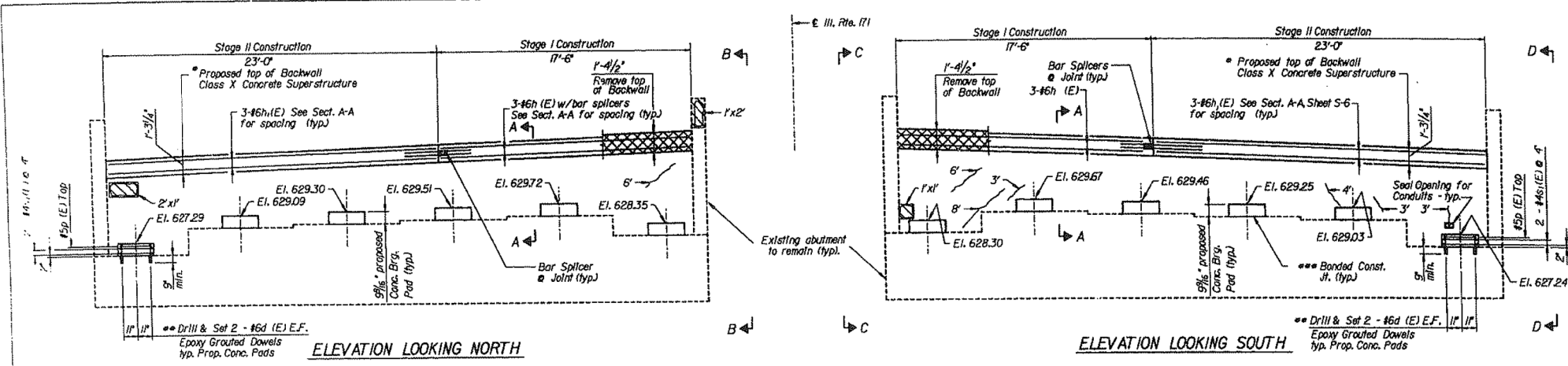


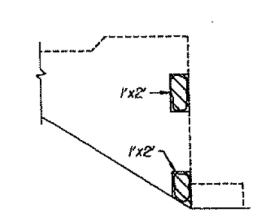
ROUTE NO.	SECTION	DATE	SCALE	SHEET
ILL. RTE. 171	COOK	7-2-11	99	99
FILE NO.	PROJECT			

BILL OF MATERIAL				
Bar	No.	Size	Length	Shape
d (E)	48	#6	2'-2"	□
p (E)	24	#5	2'-0"	—
s ₁ (E)	24	#4	6'-11"	□
h (E)	6	#6	17'-2"	—
h ₁ (E)	6	#5	22'-7"	—
ITEM		UNIT	QTY.	
Concrete Removal		Cu. Yd.	4.1	
Class X Concrete		Cu. Yd.	1.4	
Epoxy Crack Sealing		Ln. Ft.	33	
Reinforcement Bars, Epoxy Coated		Pound	680	
Formed Concrete Repair Depth ≤ 5"		Sq. Ft.	23	

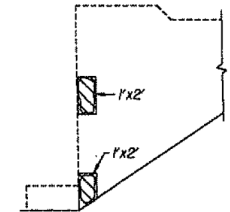
Quantities shown are for Southbound Bridge - N & S Abutments



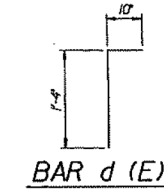
ELEVATION B - B



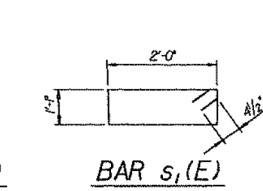
ELEVATION C - C



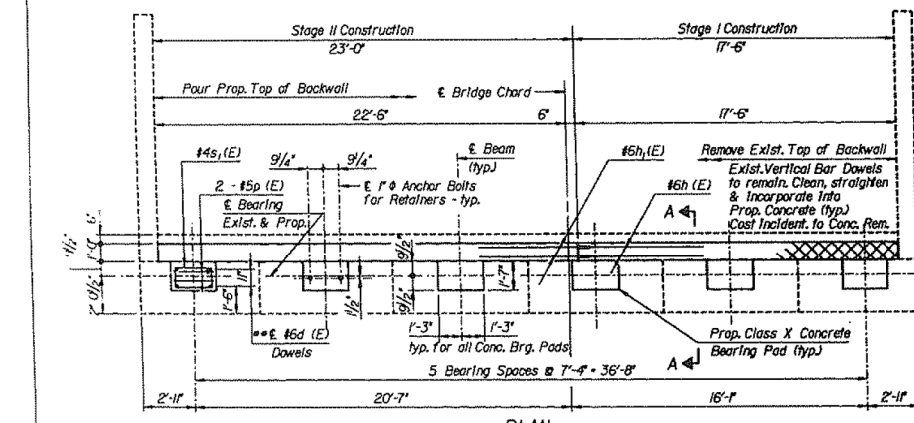
ELEVATION D - D



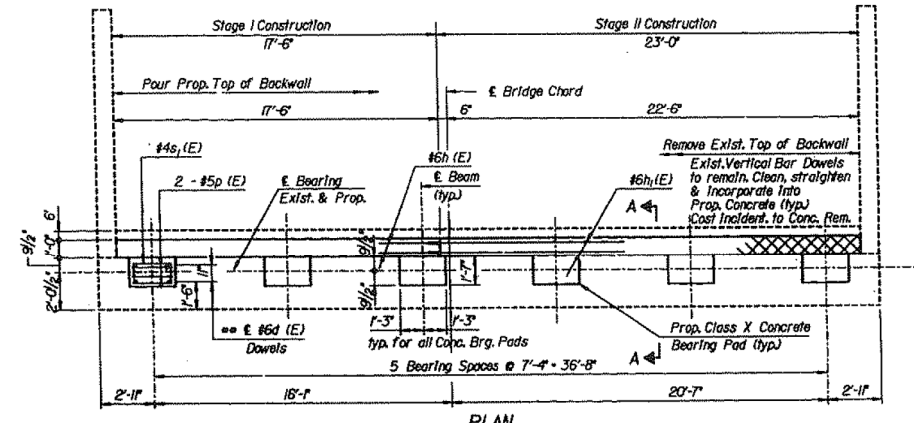
BAR d (E)



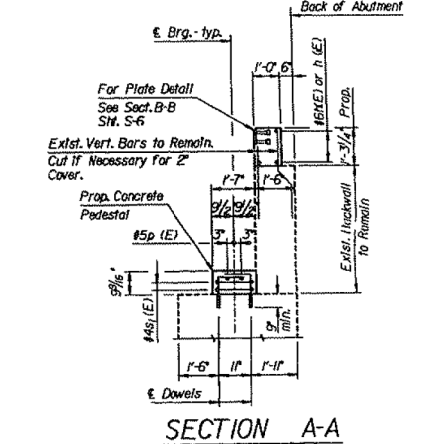
BAR s₁(E)



PLAN
NORTH ABUTMENT - SOUTHBOUND



PLAN
SOUTH ABUTMENT - SOUTHBOUND



SECTION A-A

LEGEND

- Formed Concrete Repair ≤ 5" deep
- Concrete Removal
- Exposed Reinforcing Bars
- Epoxy Crack Sealing

DESIGNED	LM
CHECKED	ELD
DRAWN	MF
CHECKED	JAA

ABUTMENT REPAIRS - SOUTHBOUND
 BRIDGE REHABILITATION ILLINOIS ROUTE 171
 NORTHBOUND & SOUTHBOUND
 OVER 47TH STREET
 FAU 2746 SECTION 102-683 HBK
 STATION 104+82.77
 COOK COUNTY
 STRUCTURE NO. 016-1001 N.B.
 STRUCTURE NO. 016-1000 S.B.

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 JOB NO. 124

benesch
 engineers · scientists · planners
 Alfred Benesch & Company
 205 North Michigan Avenue, Suite 2400
 Chicago, Illinois 60601
 312-565-0450 Job No. 10093

FILE NAME =	USER NAME =	DESIGNED -	REVISOR -
0161000_60J16_059_existplan.dgn	tjenicke	FSM	
		CHECKED -	REVISOR -
		RMM	
		DRAWN -	REVISOR -
		FSM	
		CHECKED -	REVISOR -
		RMM	
		PLOT DATE =	
		12/20/2012	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EXISTING PLAN INFORMATION (19 OF 25)
 STRUCTURE NO. 016-1000/1001

FOR INFORMATION ONLY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372	2013-038B-R	COOK	821	307
CONTRACT NO. 60J16			ILLINOIS FED. AID PROJECT	

X:\100005\10093\Eng_Docs_Phase_1\11\SN_016_1000_1001_1st_Ave_over_47th_St\Final\0161000_60J16_059_existplan.dgn 6/23/2014 2:31:31 PM