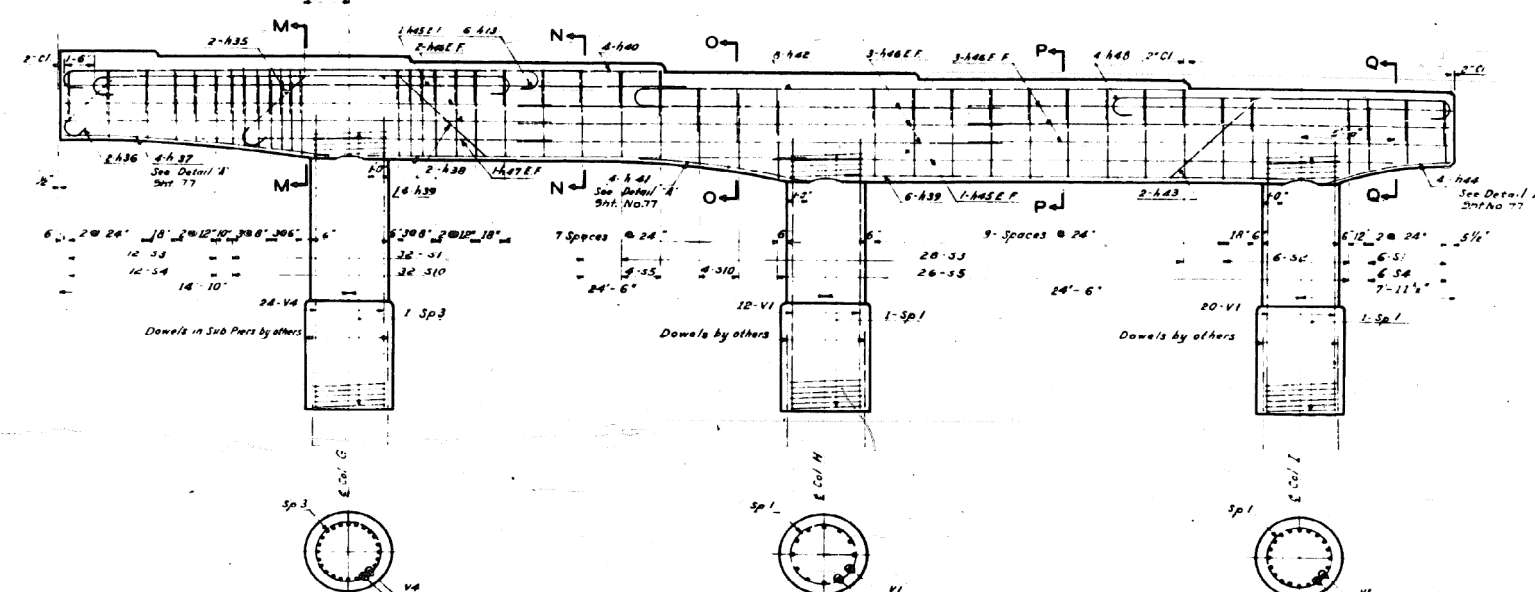


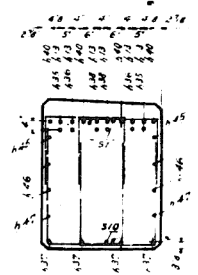
FOR INFORMATION ONLY

301-6-3

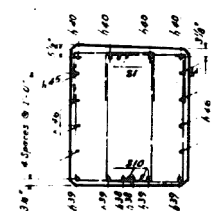


NORTH END OF PIER NO. 1

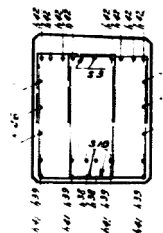
ELEVATION
SCALE 1/4"=1'-0"



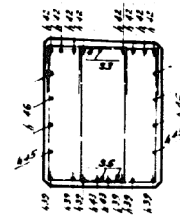
SECTION M-M
SCALE 3/8"=1'-0"



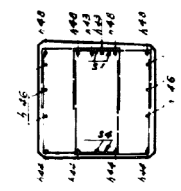
SECTION N-N
SCALE 3/8"=1'-0"



SECTION O-O
SCALE 3/8"=1'-0"



SECTION P-P
SCALE 3/8"=1'-0"



SECTION Q-Q
SCALE 3/8"=1'-0"

Note: All stirrups in pairs.

DEPARTMENT OF TRANSPORTATION	
WILLIAM H. ERICKSON	GEORGE A. QUINLAN
PIER NO. 1	
CONGRESS STREET SUPERHIGHWAY	
DES PLAINES STREET TO CANAL STREET	
CONSULTED MADSEN	PROJECT NO. 082-2424-384
CABEZAS J.G.	AS SHOWN
E-2	
June 27, 1950	
62	1950 79 (1816.5) (148(4)) CP308

REVISIONS		
DATE	BY	DESCRIPTION

0160461-60X78-5224-EXT.dgn

PARSONS BRINCKERHOFF

USER NAME = pateld	DESIGNED -	REVISED -
PLOT SCALE = N.T.S.	CHECKED -	REVISED -
PLOT DATE = 3/23/2016	DRAWN - DCP	REVISED -
	CHECKED - JIG	REVISED -

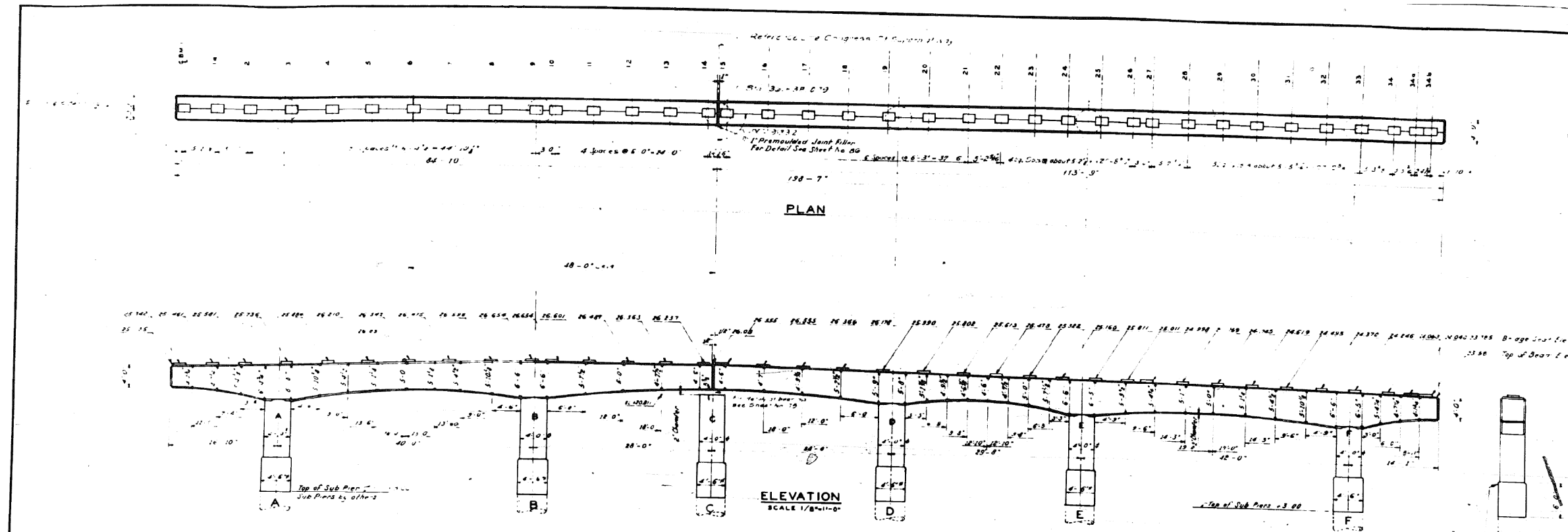
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS
STRUCTURE NO. 016-0461
SHEET NO. 79 OF 194 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-004 R&B (WB)	COOK	706	501
CONTRACT NO. 60X78				
ILLINOIS FED. AID PROJECT				

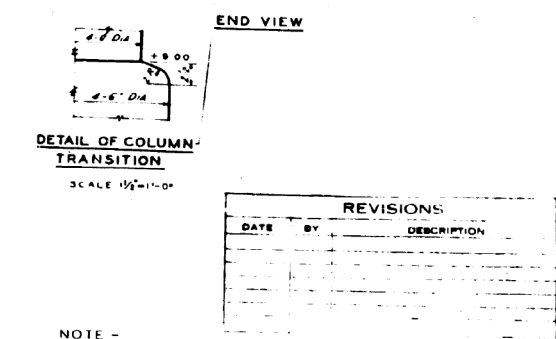
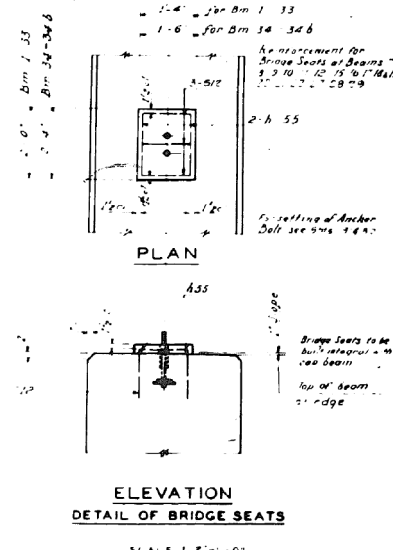
FOR INFORMATION ONLY

301-6-



-BILL OF MATERIAL-

TYPE 1				TYPE 2				TYPE 3				TYPE 4			
MARK	NO	SIZE	LENGTH	SKETCH	A	B	C	D	E	G	H	J	L	O	R
N1	24	24	30-0		1-5	18-0									
N2	2	1/2"	18-3		3-1/2	18-3	1-5	4-1	1-5						
N3	2		43-5		3-1/2	13-2	5-2	1-5	4-1	1-5					
N4	6	1/2"	28-6		3-1/2	25-0									
N5	6	1/2"	21-0		6										
N6	4	1/2"	42-6		1-5	40-1									
N7	2		41-3		3-1/2	11-8	5-5	1-5	4-1	1-5					
N8	2		41-3		3-1/2	11-8	5-5	1-5	4-1	1-5					
N9	2		43-6		3-1/2	18-2	5-2	1-5	4-1	1-5					
N10	2		43-6		3-1/2	18-2	5-2	1-5	4-1	1-5					
N11	4		40-9												
N12	4		31-9		1-5	30-1									
N13	2		46-3		3-1/2	40-0	1-5	4-1	1-5						
N14	2		56-3		3-1/2	52-0	1-5	4-1	1-5						
N15	2	1/2"	50-6		3-1/2	47-2	6-0	1-5	4-1	1-5					
N16	2	1/2"	8-0												
N17	2	1/2"	53-6		3-1/2	49-0	6-0	1-5	4-1	1-5					
N18	2		53-6		3-1/2	49-0	6-0	1-5	4-1	1-5					
N19	2		53-6		3-1/2	49-0	6-0	1-5	4-1	1-5					
N20	4		46-6		3-1/2	42-0	6-0	1-5	4-1	1-5					
N21	4		40-0		1-5	34-2									
N22	4		38-6		1-5	32-2									
N23	2		41-3		3-1/2	38-1	3-6	1-5	4-1	1-5					
N24	2	1/2"	31-0		4	28-0									
N25	4	1/2"	13-0		1-5	12-0									
N26	4	1/2"	11-0												
N27	4	1/2"	11-0												
N28	4	1/2"	16-6												
N29	4	1/2"	16-0												
N30	4	1/2"	20-3		1-5	18-0									
N31	2		44-3		3-1/2	40-0	1-5	4-1	1-5						
N32	2		44-3		3-1/2	40-0	1-5	4-1	1-5						
N33	2		51-3		1-5	48-0									
N34	2		22-6		7	1-5	1-5								
N35	2		55-3		3-1/2	51-0	6-0	1-5	4-1	1-5					
N36	2		55-3		3-1/2	51-0	6-0	1-5	4-1	1-5					
N37	2		55-3		3-1/2	51-0	6-0	1-5	4-1	1-5					
N38	6		27-8		1-5	27-0									
N39	2		46-0		1-5	44-0									
N40	2	1/2"	54-0		3-1/2	50-0	1-5	4-1	1-5						



NOTE - ALL DIMENSIONS ON BENDING DETAILS ARE OUT TO OUTLINE UNLESS NOTED OTHERWISE.

SPlicing OF BARS 3/8 DIA MINIMUM LAP 12" FOR TOP AND 18" FOR BOTTOM UNLESS NOTED OTHERWISE.

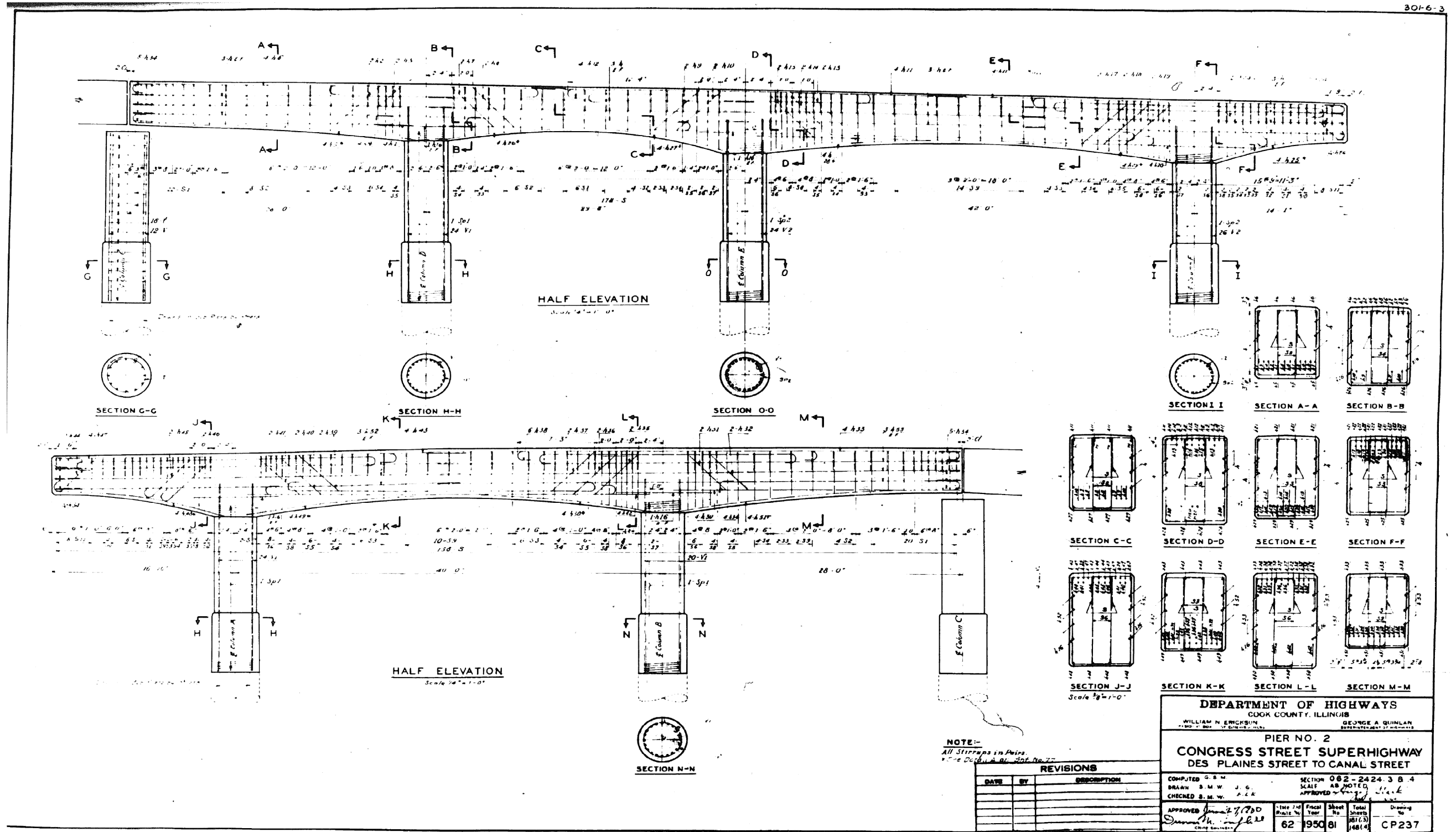
REVISIONS	
DATE	DESCRIPTION

DEPARTMENT OF HIGHWAYS		COOK COUNTY, ILLINOIS	
WILLIAM N. ERICKSON		GEORGE A. QUINLAN	
PIER NO 2			
CONGRESS STREET SUPERHIGHWAY			
DES PLAINES STREET TO CANAL STREET			
COMPUTED	G S M	SECTION	082-2424 384
DRAWN	S M W J G	SCALE	AS NOTED
CHECKED	S M W	APPROVED	
APPROVED	Jan 27, 1980	State Route No.	62
		Fiscal Year	1980
		Sheet No.	80
		Total Sheets	194
		Drawing No.	CP236

0160461-60X78-5225-EXT.dgn

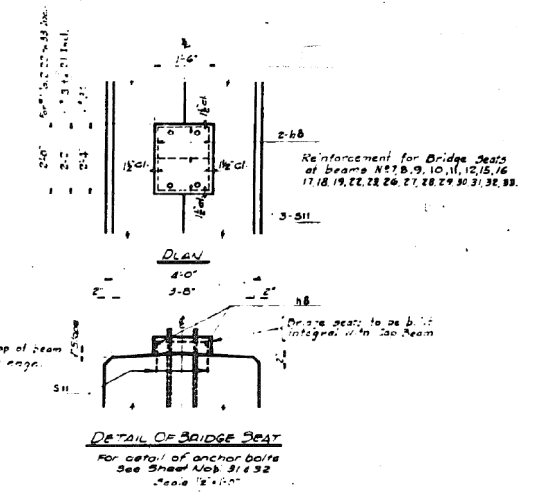
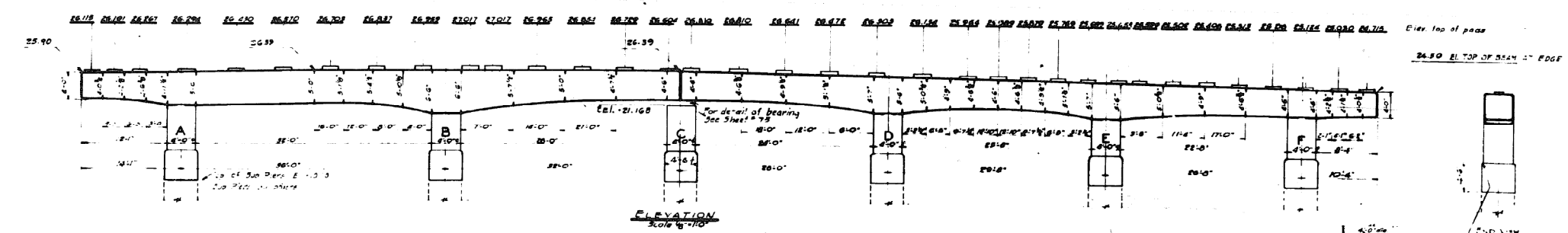
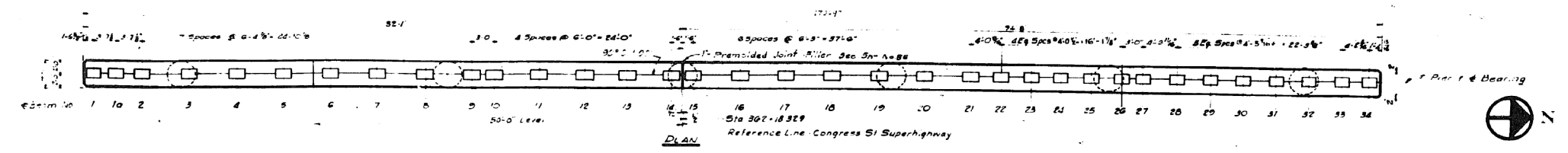
FOR INFORMATION ONLY

301-6-3



FOR INFORMATION ONLY

30-6-3



-BILL OF MATERIAL-

TYPE 1												TYPE 2												TYPE 3												TYPE 4												TYPE 5												TYPE 6												TYPE 7																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
MARK	NO.	SIZE	LENGTH	BATCH	TYPE	A	B	C	D	E	G	H	J	R	MARK	NO.	SIZE	LENGTH	BATCH	TYPE	A	B	C	D	E	G	H	J	R	MARK	NO.	SIZE	LENGTH	BATCH	TYPE	A	B	C	D	E	G	H	J	R	MARK	NO.	SIZE	LENGTH	BATCH	TYPE	A	B	C	D	E	G	H	J	R	MARK	NO.	SIZE	LENGTH	BATCH	TYPE	A	B	C	D	E	G	H	J	R	MARK	NO.	SIZE	LENGTH	BATCH	TYPE	A	B	C	D	E	G	H	J	R	MARK	NO.	SIZE	LENGTH	BATCH	TYPE	A	B	C	D	E	G	H	J	R																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
h1	2	1/4"	33-3		1										h2	2	1/4"	18-6		2										h3	2	1/4"	27-0		4										h4	2	1/4"	20-3		4										h5	2	1/4"	25-9		1										h6	2	1/4"	48-3		2										h7	2	1/4"	46-3		2										h8	2	1/4"	1-9		1										h9	2	1/4"	38-6		1										h10	2	1/4"	36-6		1										h11	2	1/4"	50-6		3										h12	2	1/4"	48-9		3										h13	2	1/4"	44-9		3										h14	2	1/4"	15-9		2										h15	2	1/4"	47-6		2										h16	2	1/4"	49-0		2										h17	2	1/4"	47-6		2										h18	2	1/4"	29-3		1										h19	2	1/4"	29-9		1										h20	2	1/4"	38-3		1										h21	2	1/4"	30-0		1										h22	2	1/4"	30-0		1										h23	2	1/4"	30-0		1										h24	2	1/4"	27-6		1										h25	2	1/4"	14-0		1										h26	2	1/4"	44-3		1										h27	2	1/4"	28-6		1										h28	2	1/4"	28-6		1										h29	2	1/4"	18-9		1										h30	2	1/4"	41-0		1										h31	2	1/4"	28-3		1										h32	2	1/4"	10-6		1										h33	2	1/4"	48-0		2										h34	2	1/4"	24-3		1										h35	2	1/4"	24-0		1										h36	2	1/4"	37-6		1										h37	2	1/4"	37-9		1										h38	2	1/4"	10-6		1									

REVISIONS		
DATE	BY	DESCRIPTION
10/31/82	R.W.S.	7th, 9th, 10th, 11th, 12th, 13th, 14th

NOTE -
 All dimensions on bending details are out to out of bar unless otherwise noted.
 All bridge seats shall be constructed to the exact elevations. If bush hammering is necessary, it shall be done at no additional cost.

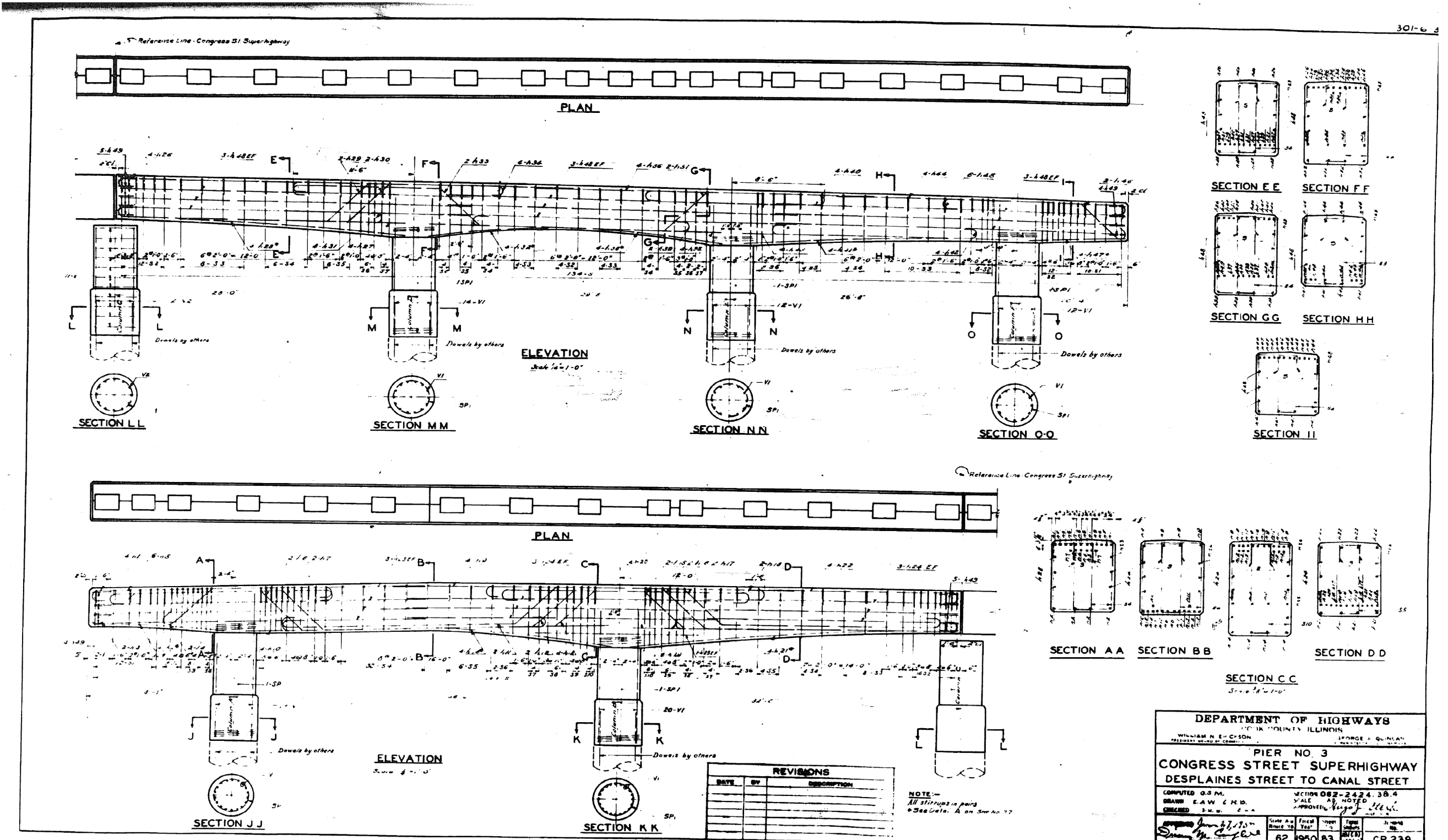
DEPARTMENT OF HIGHWAYS
 WILLIAM N. ERICKSON
 GEORGE A. GUINLAN

PIER NO. 3
CONGRESS STREET SUPERHIGHWAY
 DES PLAINES STREET TO CANAL STREET

COMPUTED BY: B.C. 062-2424-38.4
 DRAWN BY: B.C. AS NOTED
 CHECKED BY: B.C. 1/1/82

APPROVED: [Signature] 1/1/82
 DATE: 62 1950 82
 SHEET NO. 62 OF 194 SHEETS

FOR INFORMATION ONLY



DEPARTMENT OF HIGHWAYS
 ILLINOIS
 WILLIAM N. EICHENSON
 GEORGE A. GUNLAW

**PIER NO. 3
 CONGRESS STREET SUPERHIGHWAY
 DESPLAINES STREET TO CANAL STREET**

COMPUTED G.S.M. SECTION 082-2424.38.4
 DRAWN E.A.W. C.M.D. SCALE AS NOTED
 CHECKED S.W. E.A. APPROVED *[Signature]*

Sheet No.	62	Project No.	1950	Sheet No.	83	Job No.	CP 239
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0160461-60X78-5228-EXT.dgn

**PARSONS
 BRINCKERHOFF**

USER NAME = pateld	DESIGNED -	REVISED -
PLOT SCALE = N.T.S.	CHECKED -	REVISED -
PLOT DATE = 3/23/2016	DRAWN - DCP	REVISED -
	CHECKED - JIG	REVISED -

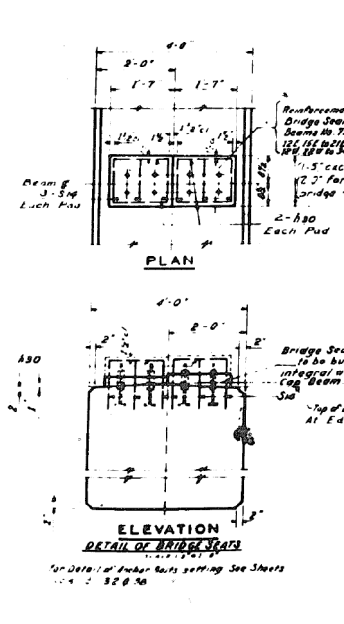
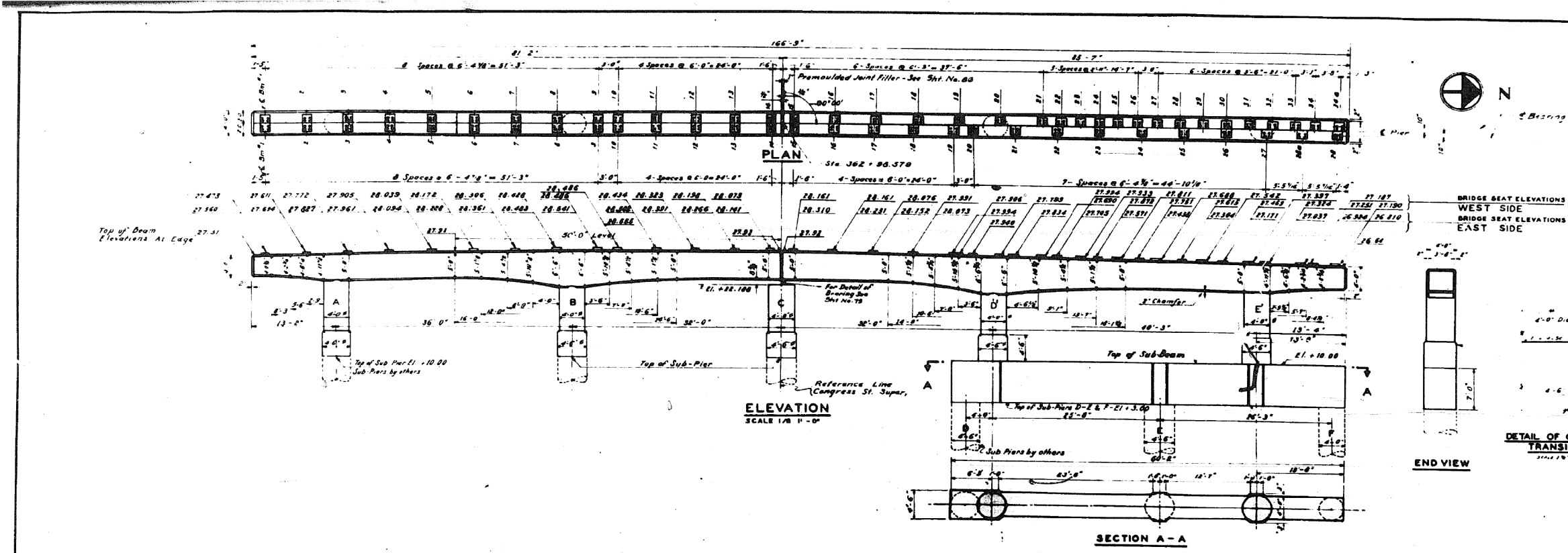
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EXISTING PLANS
 STRUCTURE NO. 016-0461
 SHEET NO. 83 OF 194 SHEETS

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-004 R&B (WB)	COOK	706	505
CONTRACT NO. 60X78				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY

30-G-



BILL OF MATERIAL

MARK	NO	SIZE	LENGTH	REMARKS	TYPE	A	B	C	D	E	G	H	J	K	L	Q	R
h.1	2	1/2"	31'-6"		TYPE 1												
h.2	2	1/2"	46'-6"		TYPE 1												
h.3	2	1/2"	46'-6"		TYPE 1												
h.4	4	1/2"	20'-0"		TYPE 1												
h.5	2	1/2"	18'-0"		TYPE 1												
h.6	4	1/2"	34'-0"		TYPE 1												
h.7	4	1/2"	34'-0"		TYPE 1												
h.8	2	1/2"	49'-0"		TYPE 1												
h.9	2	1/2"	49'-0"		TYPE 1												
h.10	2	1/2"	36'-0"		TYPE 1												
h.11	2	1/2"	36'-0"		TYPE 1												
h.12	6	1/2"	35'-6"		TYPE 1												
h.13	6	1/2"	35'-6"		TYPE 1												
h.14	4	1/2"	19'-0"		TYPE 1												
h.15	4	1/2"	36'-0"		TYPE 1												
h.16	4	1/2"	36'-0"		TYPE 1												
h.17	2	1/2"	18'-0"		TYPE 1												
h.18	2	1/2"	11'-0"		TYPE 1												
h.19	6	1/2"	26'-3"		TYPE 1												
h.20	2	1/2"	48'-3"		TYPE 1												
h.21	2	1/2"	48'-3"		TYPE 1												
h.22	4	1/2"	40'-6"		TYPE 1												
h.23	4	1/2"	18'-0"		TYPE 1												
h.24	4	1/2"	38'-6"		TYPE 1												
h.25	2	1/2"	38'-6"		TYPE 1												
h.26	2	1/2"	38'-6"		TYPE 1												
h.27	2	1/2"	38'-6"		TYPE 1												
h.28	2	1/2"	38'-6"		TYPE 1												
h.29	4	1/2"	16'-3"		TYPE 1												
h.30	4	1/2"	16'-3"		TYPE 1												
h.31	4	1/2"	37'-0"		TYPE 1												
h.32	2	1/2"	30'-6"		TYPE 1												
h.33	2	1/2"	30'-6"		TYPE 1												
h.34	2	1/2"	28'-6"		TYPE 1												
h.35	2	1/2"	28'-6"		TYPE 1												
h.36	2	1/2"	28'-6"		TYPE 1												
h.37	10	1/2"	27'-3"		TYPE 1												
h.38	4	1/2"	30'-3"		TYPE 1												
h.39	4	1/2"	32'-0"		TYPE 1												
h.40	4	1/2"	25'-3"		TYPE 1												
h.41	2	1/2"	25'-6"		TYPE 1												

REVISIONS		
DATE	BY	DESCRIPTION

NOTE: -
 All dimensions on bending diagrams are out to end.
 Splicing of bars 55 min. lap.
 All bridge seats shall be constructed to the exact elevations shown. If bush hammering or grinding is necessary, it shall be done at no additional cost.

DEPARTMENT OF HIGHWAYS
 WILLIAM N. ERICKSON
 GEORGE A. BUILMAN

PIER NO. 4
CONGRESS STREET SUPERHIGHWAY
DES PLAINES STREET TO CANAL STREET

COMPUTED C.S.M. SECTION 062-2424.3 B.4
 DRAWN D.J.J.G. SCALE AS NOTED
 CHECKED S.M.W. APPROVED [Signature]

APPROVED [Signature] 2/23/53
 State Aid No. 62
 Fiscal Year 1950-51
 Sheet No. 84
 Total Sheets 194
 Drawing No. CP 240

0160461-60X78-5229-EXT.dgn

PARSONS BRINCKERHOFF

USER NAME = pateld	DESIGNED -	REVISED -
PLOT SCALE = N.T.S.	CHECKED - DCP	REVISED -
PLOT DATE = 3/23/2016	DRAWN - DCP	REVISED -
	CHECKED - JIG	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

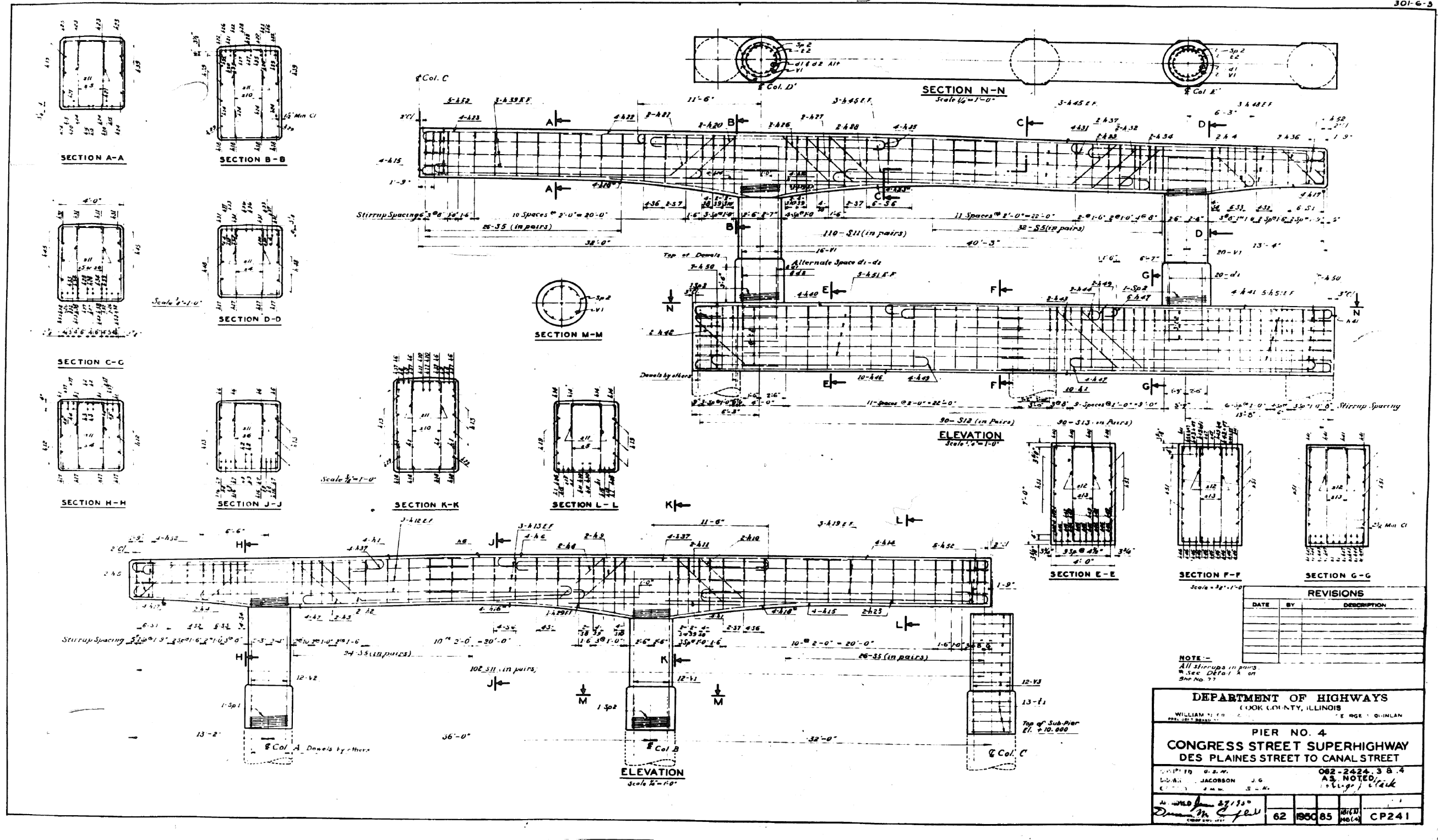
EXISTING PLANS
 STRUCTURE NO. 016-0461

SHEET NO. 84 OF 194 SHEETS

F.A.I. RTE. 90/94/290	SECTION 2014-004 R&B (WB)	COUNTY COOK	TOTAL SHEETS 706	SHEET NO. 506
CONTRACT NO. 60X78			ILLINOIS FED. AID PROJECT	

FOR INFORMATION ONLY

301-6-3



0160461-60X78-5230-EXT.dgn

PARSONS BRINCKERHOFF

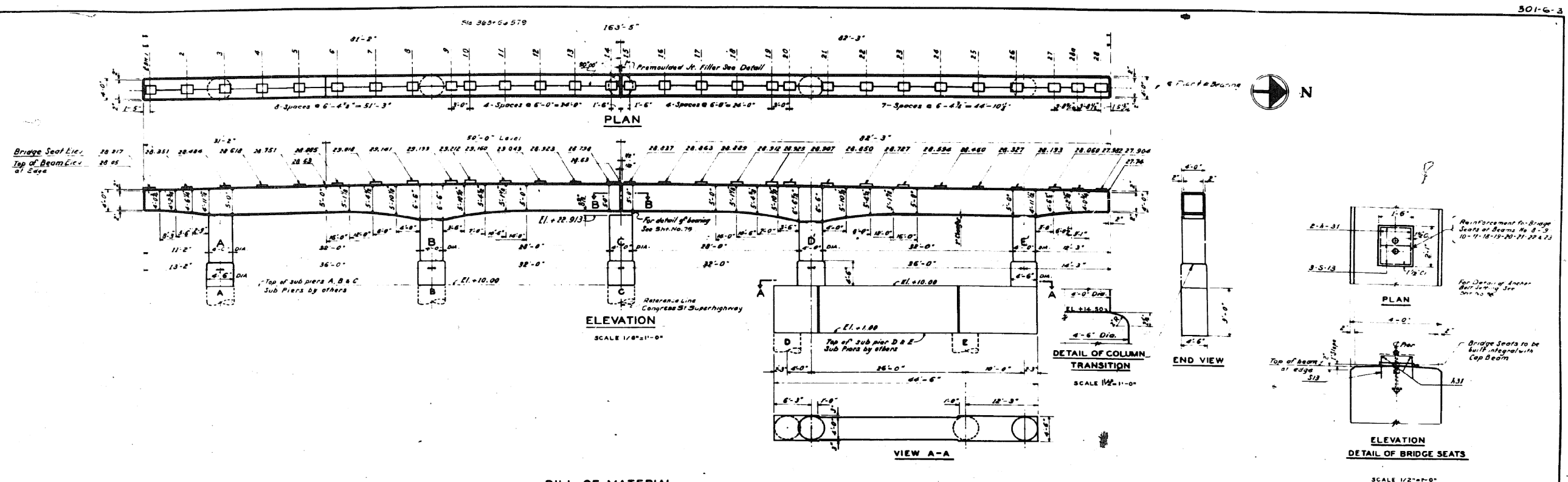
USER NAME = pateld	DESIGNED -	REVISED -
PLOT SCALE = N.T.S.	CHECKED -	REVISED -
PLOT DATE = 3/23/2016	DRAWN - DCP	REVISED -
	CHECKED - JIG	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EXISTING PLANS
 STRUCTURE NO. 016-0461
 SHEET NO. 85 OF 194 SHEETS

F.A.I. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-004 R&B (WB)	COOK	706	507
CONTRACT NO. 60X78				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY



- BILL OF MATERIAL -

TYPE 1																TYPE 2																TYPE 3																TYPE 4																TYPE 5																TYPE 6																TYPE 7																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
LOCATION	MARK	NO.	SIZE	LENGTH	SKETCH	TYPE	A	B	C	D	G	J	H	E	R	LOCATION	MARK	NO.	SIZE	LENGTH	SKETCH	TYPE	A	B	C	D	G	J	H	E	R	L	LOCATION	MARK	NO.	SIZE	LENGTH	SKETCH	TYPE	A	B	C	D	G	J	H	E	R	LOCATION	MARK	NO.	SIZE	LENGTH	SKETCH	TYPE	A	B	C	D	G	J	H	E	R	LOCATION	MARK	NO.	SIZE	LENGTH	SKETCH	TYPE	A	B	C	D	G	J	H	E	R	LOCATION	MARK	NO.	SIZE	LENGTH	SKETCH	TYPE	A	B	C	D	G	J	H	E	R																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
N1	B	1/2"	33-6													N10	B	1/2"	48-0													N19	B	1/2"	49-8													N28	B	1/2"	52-0														N37	B	1/2"	53-3														N46	B	1/2"	55-9														N55	B	1/2"	57-0														N64	B	1/2"	58-6														N73	B	1/2"	61-0														N82	B	1/2"	62-0														N91	B	1/2"	65-3														N100	B	1/2"	67-9														N109	B	1/2"	69-0														N118	B	1/2"	70-0														N127	B	1/2"	71-3														N136	B	1/2"	73-6														N145	B	1/2"	75-9														N154	B	1/2"	77-0														N163	B	1/2"	78-6														N172	B	1/2"	80-0														N181	B	1/2"	81-0														N190	B	1/2"	83-6														N200	B	1/2"	86-0														N210	B	1/2"	87-6														N220	B	1/2"	89-0														N230	B	1/2"	90-0														N240	B	1/2"	92-0														N250	B	1/2"	93-0														N260	B	1/2"	95-0														N270	B	1/2"	96-0														N280	B	1/2"	98-0														N290	B	1/2"	99-0														N300	B	1/2"	100-0														N310	B	1/2"	102-0														N320	B	1/2"	104-0														N330	B	1/2"	106-0														N340	B	1/2"	108-0													

DATE	BY	DESCRIPTION

NOTE -
 All dimensions on bending details are per "out of door"
 spacing of bars 33 Dia. minimum top.
 Bridge seats and be constructed to the exact
 elevations shown. If such necessitates any change
 is necessary, it also be done at the discretion of the
 engineer.

DEPARTMENT OF HIGHWAYS
 COOK COUNTY, ILLINOIS

WILLIAM H. ERICKSON GEORGE A. GURMAN
 DISTRICT ENGINEER DISTRICT ENGINEER

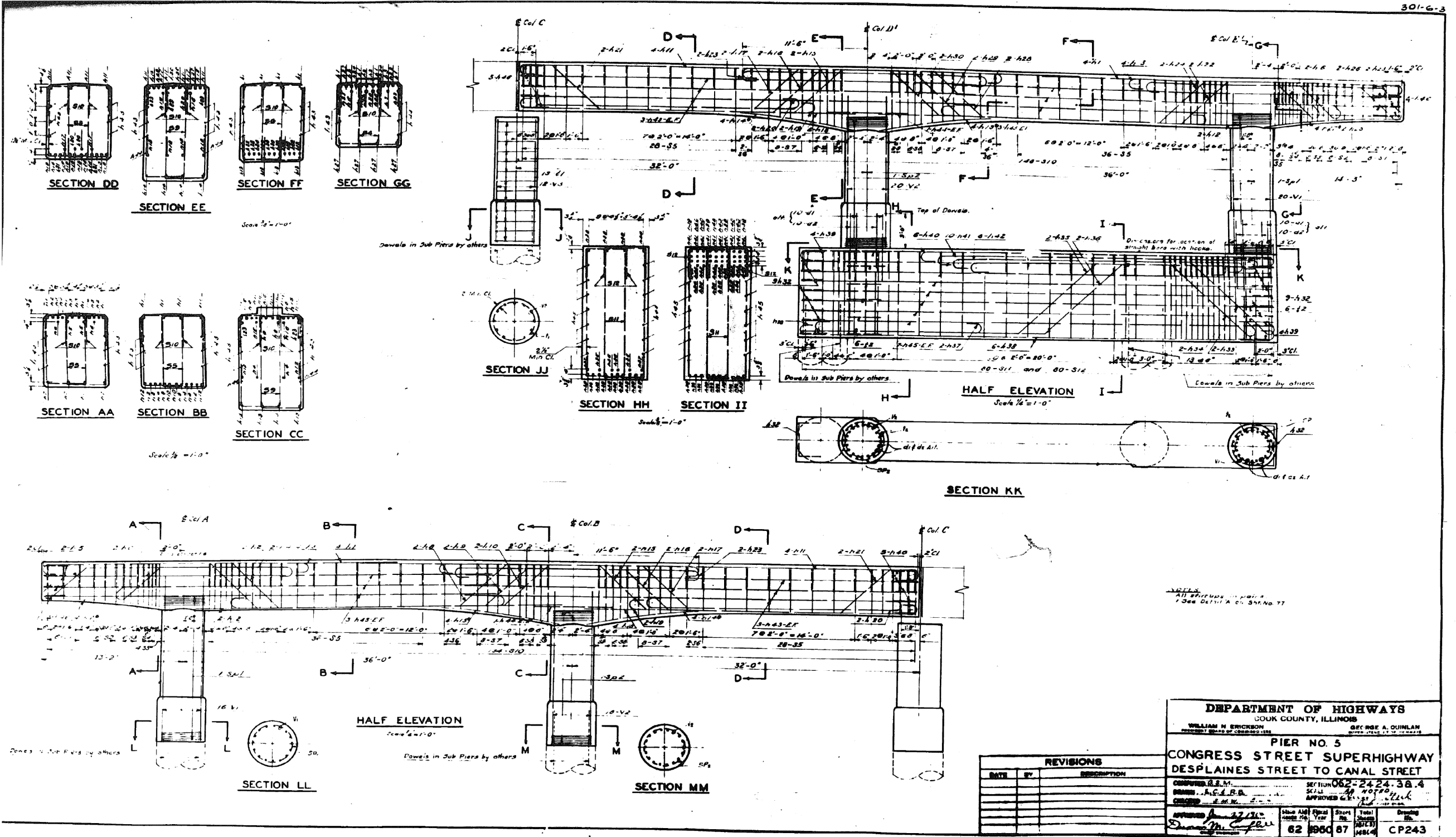
PIER NO. 5
CONGRESS STREET SUPERHIGHWAY
 DES PLAINES STREET TO CANAL STREET

DESIGNED BY: J. B. M. SPECIFIED BY: 062-2424.3.B.4
 DRAWN BY: K. C. B. C. J. E. AS NOTED
 CHECKED BY: B. W. W. P.L.A. 11/1/66 11/1/66

DATE: 62 YEAR: 1966 SHEET NO.: 86 OF 194 PROJECT: CP242

FOR INFORMATION ONLY

301-G-3



DEPARTMENT OF HIGHWAYS
 ILLINOIS
 WILLIAM H. ERICKSON
 SECRETARY

PIER NO. 5
 CONGRESS STREET SUPERHIGHWAY
 DESPLAINES STREET TO CANAL STREET

SECTION 062-2424-38.4
 SHEET NO. 87 OF 194 SHEETS

APPROVED: [Signature]
 DATE: 3/23/2016

62 1960 87 CP243

0160461-60X78-5232-EXT.dgn

PARSONS BRINCKERHOFF

USER NAME = pateld	DESIGNED -	REVISED -
PLOT SCALE = N.T.S.	CHECKED -	REVISED -
PLOT DATE = 3/23/2016	DRAWN - DCP	REVISED -
	CHECKED - JIG	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

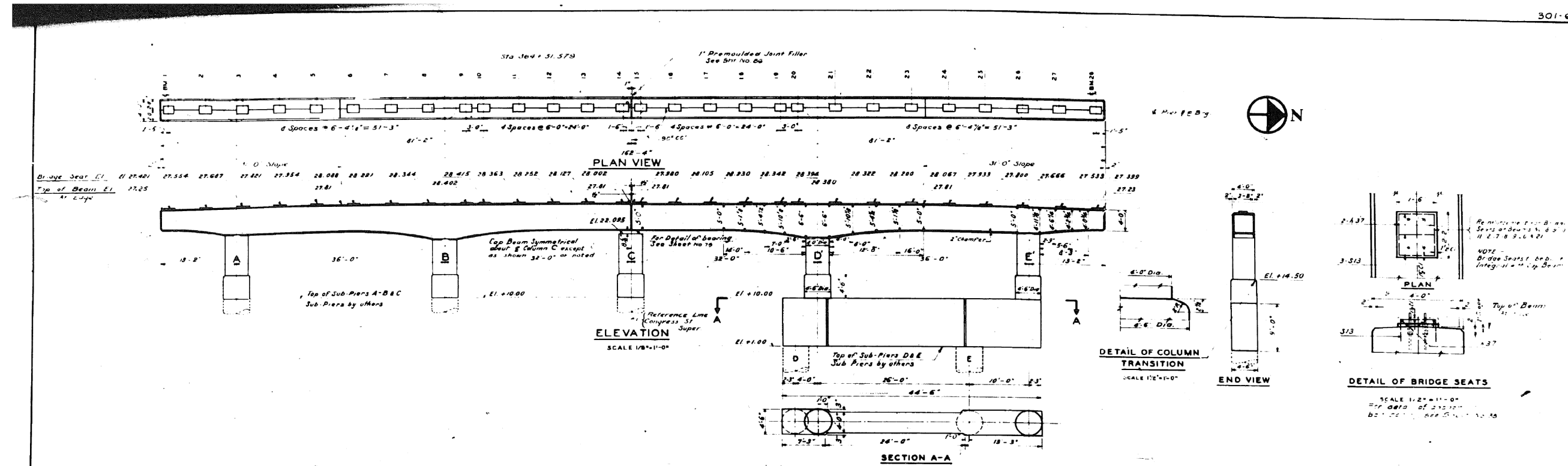
EXISTING PLANS
STRUCTURE NO. 016-0461

SHEET NO. 87 OF 194 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-004 R&B (WB)	COOK	706	509
CONTRACT NO. 60X78				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY

301-6-



BILL OF MATERIAL

MARK	NO.	SIZE	LENGTH	SKETCH	TYPE	A	B	C	D	E	G	H	J	L	O	R
N1	0	1/4"	33-0		1	1-5	23-5				1-5		1-0			
N2	0	1/4"	26-3		1	1-5	23-5				1-5		1-0			
N3	4	1/4"	23-9		1	1-5	19-11				1-5		1-0			
N4	4	1/4"	18-9		2	1-5	17-4	6-6	22-1		1-5	4-7	1-0			
N5	4	1/4"	18-9		2	1-5	15-6	6-6	24-1		1-5	4-7	1-0			
N6	0	1/4"	12-0		5											66-0
N7	4	1/4"	25-9		4	1-5	18-1/2	4-5/2			1-5	3-3	1-0			
N8	4	1/4"	19-3		4	1-5	11-0	5-1/2			1-5	3-3	1-0			
N9	0	1/4"	34-0		4	1-5	11-0	5-1/2			1-5	3-3	1-0			
N10	4	1/4"	48-0		3	1-5	18-0	5-9/16	21-4/8		5	1-5	4-1	1-0		
N11	4	1/4"	49-6		3	1-5	16-0	6-3	24-5	5/16	1-5	4-5	1-0			
N12	4	1/4"	48-0		3	1-5	16-6	5-9/16	26-0/16		6	1-5	4-7	1-0		
N13	0	1/4"	25-6		1	1-5	24-1									
N14	0	1/4"	32-0		2	1-5	16-8	5-6/16	19-8/16		1-5	3-11	1-0			
N15	4	1/4"	44-9		2	1-5	16-8	6-0	21-9		1-5	4-3	1-0			
N16	4	1/4"	42-3		2	1-5	13-9	6-6	24-11		1-5	4-7	1-0			
N17	4	1/4"	48-0		2	1-5	13-9	6-6	24-11		1-5	4-7	1-0			
N18	4	1/4"	23-6		1	1-5	20-8				1-5		1-0			
N19	0	1/4"	32-3		1	1-5	30-10									
N20	4	1/4"	38-9		2	1-5	2-6	6-6	20-11		1-5	4-7	1-0			
N21	0	1/4"	30-9		1	1-5	27-11				1-5		1-0			
N22	0	1/4"	11-0		5			11-0								1-56-0
N23	0	1/4"	13-0		5			13-0								26-0
N24	0	1/4"	30-6		1	1-5	27-0				1-5		1-0			
N25	10	1/4"	33-6		1	1-5	30-8				1-5		1-0			
N26	6	1/4"	36-6		1	1-5	33-8				1-5		1-0			
N27	0	1/4"	46-9		1	1-5	43-11				1-5		1-0			
N28	2	1/4"	35-3		4	1-5	14-11	10-3/4			1-5	7-3	1-0			
N29	2	1/4"	32-0		4	1-5	18-1	10-1			1-5	7-0	1-0			
N30	6	1/4"	32-9		1	1-5	31-4									
N31	2	1/4"	44-3		2	1-5	10-3	10-2	21-0		1-6	7-8	1-0			
N32	2	1/4"	44-3		2	1-5	12-3	10-2	19-0		1-5	7-2	1-0			
N33	2	1/4"	23-6		1	1-5	20-0				1-5		1-0			
N34	24	3/8"	41-6													
N35	4	3/8"	14-6													
N36	18	3/8"	7-6		6		2-2	3-5	2-0							
N37	20	1/2"	1-11													
N38	18	3/8"	7-6		6		1-10	3-9	1-8							
N39	18	3/8"	44-0													

NOTE: Dimensions on bearing details are out to out of bars. Spacing of bars to be 33 diameter minimum. All bridge seats shall be constructed in accordance with the detail elevations shown. If built in accordance with the detail elevations shown, the contractor shall be responsible for providing the necessary steel.

REVISIONS		
DATE	BY	DESCRIPTION

DEPARTMENT OF HIGHWAYS
COOK COUNTY, ILLINOIS
WILLIAM N. ERICSON GEORGE A. GUINAN

PIER NO 6
CONGRESS STREET SUPERHIGHWAY
DES PLAINES STREET TO CANAL STREET

CLASS = CONCRETE 219.0 CU YDS
REINFORCEMENT BARS 32,406 LBS

062-2424-384
AS NOTED
APPROXIMATE QUANTITIES

DATE: 6/27/88 DRAWN BY: J. G. ...
62 1950 88 CP 2 4 4

0160461-60X78-5233-EXT.dgn

PARSONS BRINCKERHOFF

USER NAME = pateld	DESIGNED -	REVISED -
DESIGNED -	CHECKED -	REVISED -
PLLOT SCALE = N.T.S.	DRAWN - DCP	REVISED -
PLLOT DATE = 3/23/2016	CHECKED - JIG	REVISED -

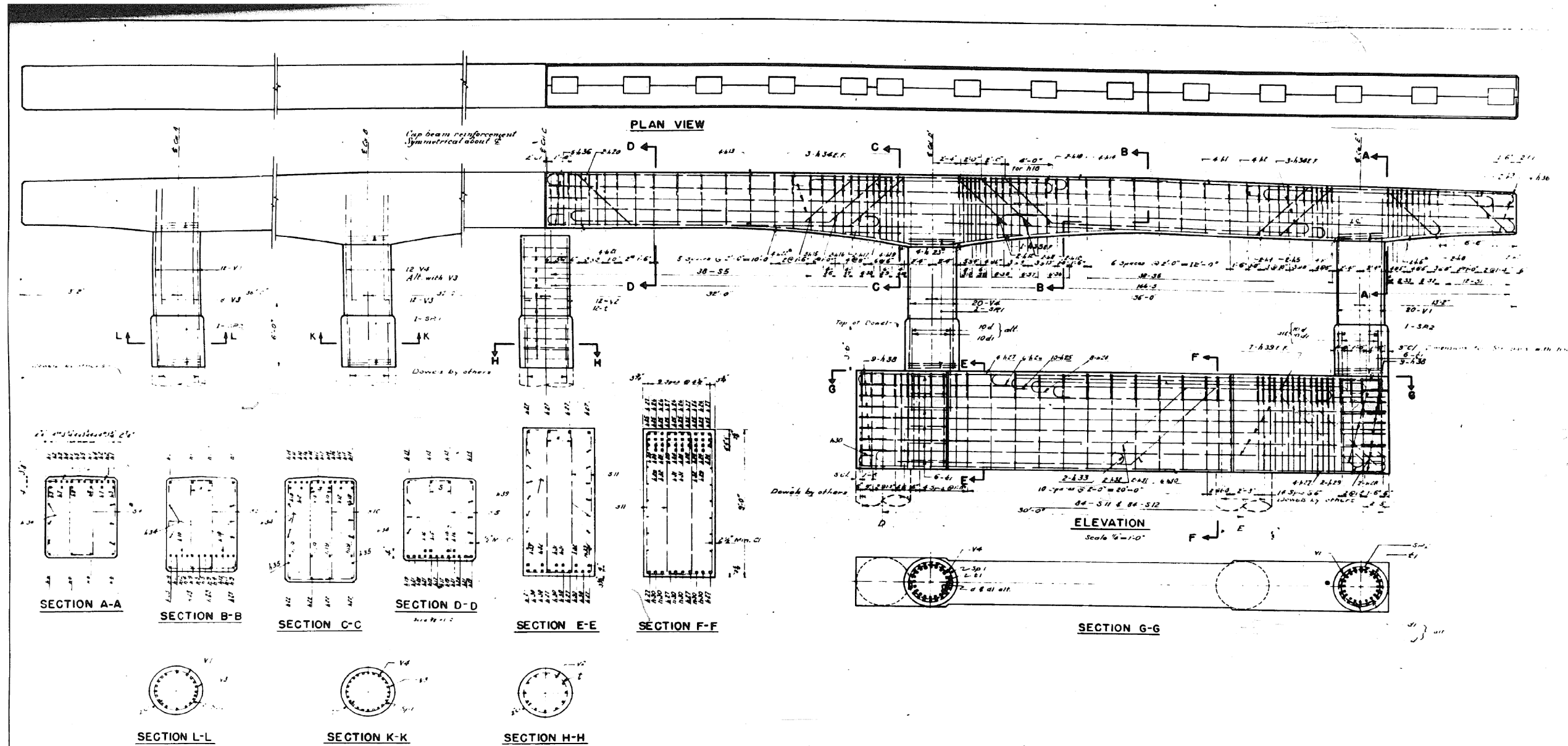
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS
STRUCTURE NO. 016-0461
SHEET NO. 88 OF 194 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-004 R&B (WB)	COOK	706	510
CONTRACT NO. 60X78				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY

301-6-



NOTE -
All stirrups in pairs.
* See Detail A on Sht. No. 77

DEPARTMENT OF HIGHWAYS CLERK COUNTY, ILLINOIS WILLIAM N. BRONSON	
PIER NO. 6 CONGRESS STREET SUPERHIGHWAY DES PLAINES STREET TO CANAL STREET	
CONSULTED: G.S.M. DRAWN: C.R.W. CHECKED: S.M.W. S.L.A.	062-2424.3 B.4 AS NOTED [Signature]
APPROVED: [Signature] [Signature]	62 1950/89 (REV. 3) (REV. 4) C P 245

REVISIONS		
DATE	BY	DESCRIPTION

0160461-60X78-5234-EXT.dgn

PARSONS BRINCKERHOFF

USER NAME = pateld	DESIGNED -	REVISED -
PLOT SCALE = N.T.S.	CHECKED -	REVISED -
PLOT DATE = 3/23/2016	DRAWN - DCP	REVISED -
	CHECKED - JIG	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

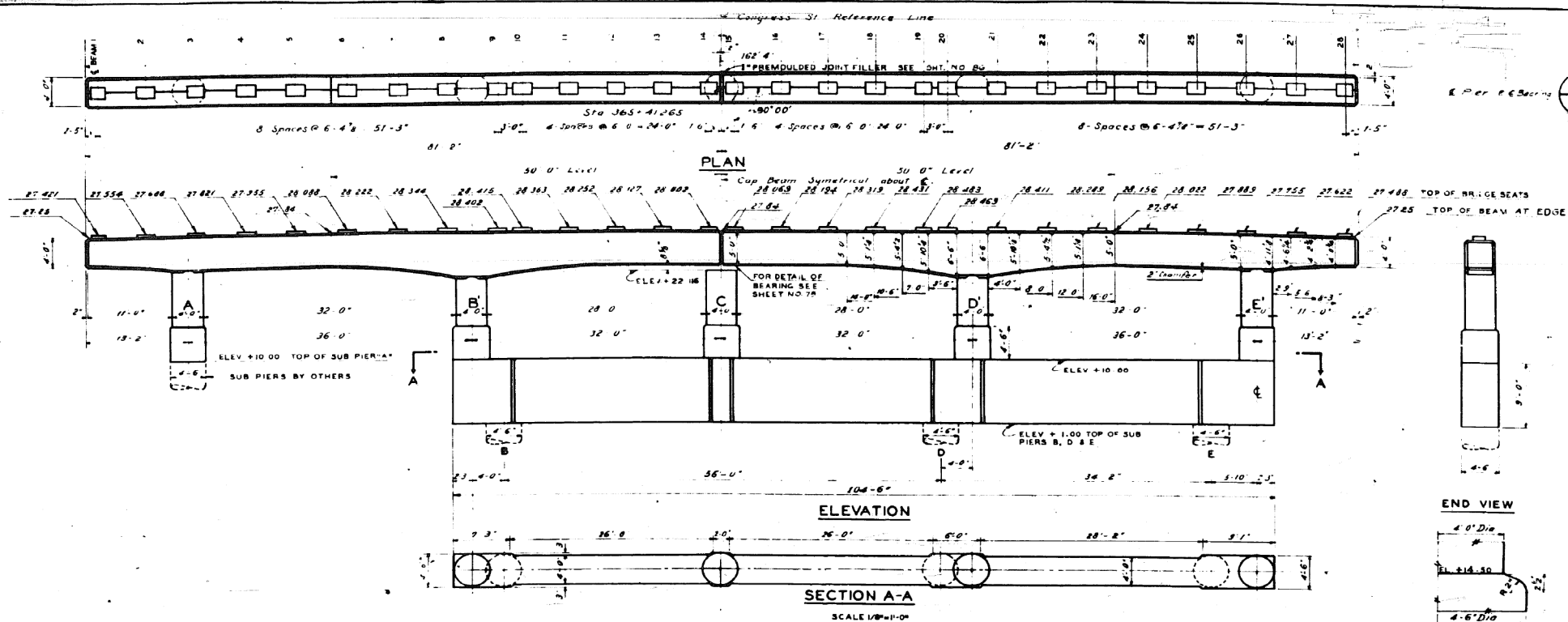
EXISTING PLANS
STRUCTURE NO. 016-0461

SHEET NO. 89 OF 194 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-004 R&B (WB)	COOK	706	511
CONTRACT NO. 60X78				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY

301-G-3



- BILL OF MATERIAL -

MARK	NO.	SIZE	LENGTH	SKETCH	TYPE	A	B	C	D	E	G	H	J	L	O	R
n1	8	1/4"	33-9		1	1-5	32-4									
n2	8	"	26-3		1	1-5	23-5									
n3	4	"	22-9		1	1-5	19-11									
n4	4	"	44-3		2	1-5	17-4	6-6	22-1							
n5	4	1/4"	44-3		2	1-5	12-4	6-6	24-1							
n6	4	1/4"	12-0		2	1-5	12-4	6-6	24-1							
n7	4	1/4"	25-9		4	1-5	18-14	4-9								66-0
n8	4	"	19-0		4	1-5	10-11	5-3								
n9	4	"	34-0		3	1-5	18-2	2-9	21-7							
n10	4	"	44-0		3	1-5	16-2	6-3	24-3	3-2						
n11	4	"	44-0		3	1-5	12-8	5-8	26-5	6						
n12	4	"	44-0		3	1-5	24-1									
n13	8	"	25-6		1	1-5	24-1									
n14	8	"	33-0		2	1-5	15-2	5-6	21-2							
n15	4	"	44-9		2	1-5	17-4	6-0	21-3							
n16	4	"	47-3		2	1-5	13-8	6-6	15-0							
n17	4	"	48-0		2	1-5	13-8	6-6	15-0							
n18	4	"	23-6		1	1-5	20-8									
n19	8	"	32-3		1	1-5	30-10									
n20	4	"	32-9		2	1-5	2-6	6-6	20-11							
n21	8	1/4"	30-9		1	1-5	27-11									
n22	8	1/4"	11-0		5											66-0
n23	8	1/4"	13-0		5											66-0
n24	24	3/16"	41-6													
n25	4	3/16"	14-6													
n26	22	1/4"	1-11													
n27	18	3/8"	7-6				2-04	3-5	2-04							
n28	18	3/8"	7-6				1-03	3-9	1-02							
n29	6	1/4"	25-6				1-5	13-3								
n30	4	"	22-9				1-5	13-3								
n31	6	"	29-0				1-5	16-2								
n32	4	"	46-3				1-5	16-2								
n33	6	"	21-3				1-5	16-2								
n34	4	"	22-9				1-5	16-2								
n35	2	"	28-3				2	1-5	10-0	8-8						
n36	2	"	28-3				2	1-5	10-0	10-74	35-54					
n37	4	"	55-3				2	1-5	10-0	10-74	39-34					
n38	6	"	60-0				1	1-5	50-7							
n39	10	"	20-0				1	1-5	27-1							
n40	4	1/4"	46-0				1	1-5	45-2							

NOTE: 1. dimensions of bearing details are not to scale unless otherwise specified. Spacing of reinforcement bars to be 18" maximum in bridge seats. Bridge seats shall be constructed to the exact elevations shown. If exact dimensions of grinding is necessary, it shall be done at no additional cost.

DATE	REVISIONS

DEPARTMENT OF HIGHWAYS
 COOK COUNTY, ILLINOIS
 WILLIAM N. ERICKSON
 GEORGE A. QUINLAN

PIER NO. 7
 CONGRESS STREET SUPERHIGHWAY
 DES PLAINES STREET TO CANAL STREET

COMPUTED: S.A.M. SECTION 062-2424 38.4
 DRAWN: W.H.T. SCALE AS NOTED
 CHECKED: J.M.C. APPROVED & STAMPED

APPROVED: J.M.C. CHIEF ENGINEER
 State Aid Route No. 62 Fiscal Year 950 Sheet No. 90 Total Sheets 161 (4) Design No. CP246

0160461-60X78-5235-EXT.dgn

PARSONS
BRINCKERHOFF

USER NAME = pateld	DESIGNED -	REVISED -
DESIGNED -	CHECKED -	REVISED -
PLOT SCALE = N.T.S.	DRAWN - DCP	REVISED -
PLOT DATE = 3/23/2016	CHECKED - JIG	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS
STRUCTURE NO. 016-0461

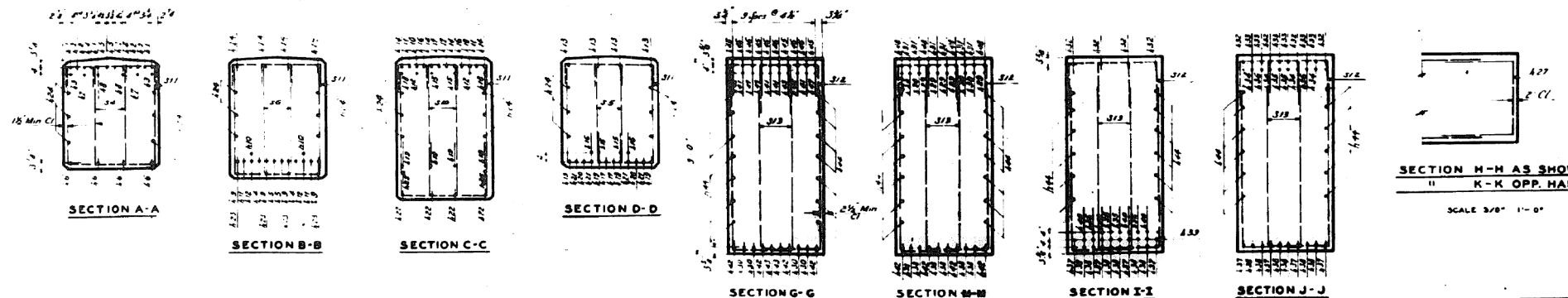
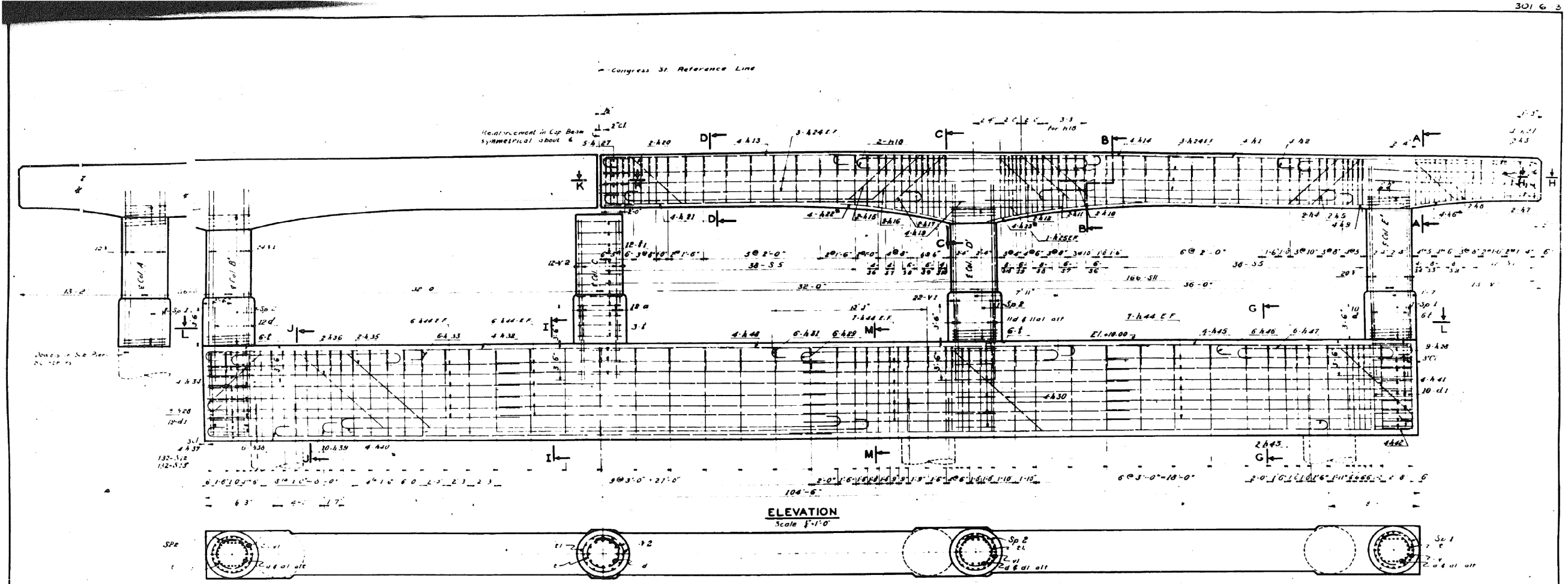
SHEET NO. 90 OF 194 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-004 R&B (WB)	COOK	706	512
CONTRACT NO. 60X78				

ILLINOIS FED. AID PROJECT

FOR INFORMATION ONLY

307 G 3



NOTE:
 All stirrups in piers
 See Detail A on Sheet No. 77

SECTION H-H AS SHOWN
 " K-K OPP. HAND

SCALE 3/8" = 1'-0"

DATE	BY	DESCRIPTION

DEPARTMENT OF HIGHWAYS COOK COUNTY, ILLINOIS WILLIAM W. ERICSSON GEORGE J. GUNLAN				
PIER NO. 7 CONGRESS STREET SUPERHIGHWAY DES PLAINES STREET TO CANAL STREET				
COMPUTED BY: G. P. M. DRAWN BY: J. K. TAYLOR CHECKED BY: J. M. W.	SECTION 062-2424.3 B 4 SCALE AS NOTED APPROVED BY: [Signature]			
DATE: 2/12/12 DRAWN BY: [Signature]	SHEET NO.: 62	TOTAL SHEETS: 91	TOTAL SHEETS: 91	SHEET NO.: CP247

0160461-60X78-5236-EXT.dgn

PARSONS BRINCKERHOFF

USER NAME = pateld	DESIGNED -	REVISED -
PLOT SCALE = N.T.S.	CHECKED -	REVISED -
PLOT DATE = 3/23/2016	DRAWN - DCP	REVISED -
	CHECKED - JIG	REVISED -

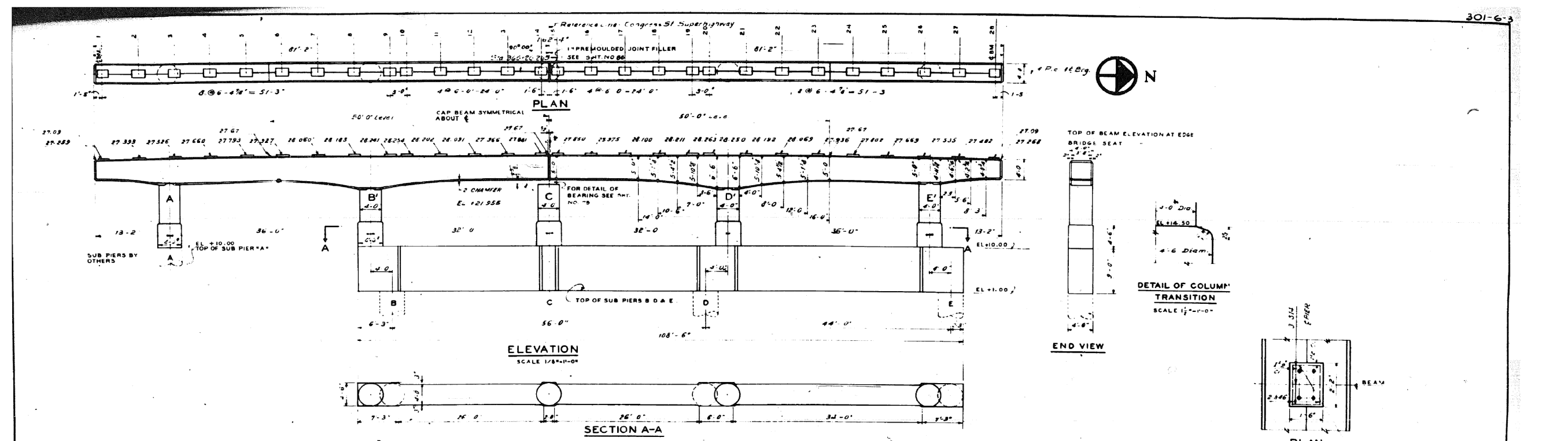
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EXISTING PLANS
 STRUCTURE NO. 016-0461

SHEET NO. 91 OF 194 SHEETS

F.A.I. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-004 R&B (WB)	COOK	706	513
CONTRACT NO. 60X78				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY



-BILL OF MATERIAL-

TYPE 1													TYPE 2													TYPE 3													TYPE 4																												
MARK	NO.	SIZE	LENGTH	SKETCH	TYPE	A	B	C	D	E	G	H	J	L	O	R	MARK	NO.	SIZE	LENGTH	SKETCH	TYPE	A	B	C	D	E	G	H	J	L	O	R	MARK	NO.	SIZE	LENGTH	SKETCH	TYPE	A	B	C	D	E	G	H	J	L	O	R	MARK	NO.	SIZE	LENGTH	SKETCH	TYPE	A	B	C	D	E	G	H	J	L	O	R
n1	4	3/8"	22'-0"		1	1-5	33'-1"									1-2	n40	10	1 1/8"	22'-0"		1	1-5	33'-1"							1-2																																				
n2	4	3/8"	32'-6"		1	1-5	12'-9"									1-2	n41	4	1 1/8"	22'-0"		1	1-5	41'-1"							1-2																																				
n3	4	3/8"	26'-6"		1	1-5	12'-9"									1-2	n42	6	3/8"	20'-6"		1	1-5	17'-0"							1-2																																				
n4	4	3/8"	51'-9"		2	1-5	17'-4"	6'-6"	46'-6"			1-5	4'-7"	1'-0"		1-2	n43	2	3/8"	20'-0"		1	1-5	17'-0"							1-2																																				
n5	4	3/8"	47'-6"		2	1-5	16'-4"	6'-6"	28'-10"			1-5	4'-7"	1'-0"		1-2	n44	22	3/8"	37'-6"		8	1-5	11'-3"	5'-11"						1-2																																				
n6	4	3/8"	22'-6"		1	1-5	18'-0"									1-2	n45	18	3/8"	7'-6"		6		1'-0"	3'-9"	1'-10"					1-2																																				
n7	4	3/8"	19'-0"		4	1-5	11'-0"	5'-2"								1-2	n46	20	3/8"	1'-11"											1-2																																				
n8	4	3/8"	42'-9"		3	1-5	13'-9"	5'-8"	18'-11"	8'-7"						1-2	b	126	5/8"	11'-9"		6		2'-2"	2'-6"	4'-9"					1-2																																				
n9	4	3/8"	42'-9"		3	1-5	13'-9"	5'-8"	18'-11"	8'-7"						1-2	n1	12	1/2"	18'-0"		6		4'-9"	2'-6"	4'-9"					1-2																																				
n10	4	3/8"	22'-0"		3	1-5	19'-9"	6'-3"	23'-11"	5'-5"						1-2	n2	16	1/2"	12'-3"		6		6'-6"	2'-6"	4'-9"					1-2																																				
n11	4	3/8"	34'-0"		1	1-5	20'-2"									1-2	n3	16	1/2"	12'-3"		6		6'-6"	2'-6"	4'-9"					1-2																																				
n12	4	3/8"	49'-3"		8	1-5	21'-2"	6'-0"	19'-3"							1-2	n4	12	1/2"	12'-3"		6		6'-6"	2'-6"	4'-9"					1-2																																				
n13	4	3/8"	43'-3"		2	1-5	17'-6"	6'-0"	22'-11"							1-2	n5	16	1/2"	12'-3"		6		6'-6"	2'-6"	4'-9"					1-2																																				
n14	4	3/8"	57'-9"		2	1-5	17'-6"	6'-6"	28'-11"							1-2	n6	16	1/2"	12'-3"		6		6'-6"	2'-6"	4'-9"					1-2																																				
n15	4	3/8"	33'-0"		1	1-5	20'-2"									1-2	n7	8	1/2"	12'-3"		6		6'-6"	2'-6"	4'-9"					1-2																																				
n16	4	3/8"	31'-0"		1	1-5	20'-2"									1-2	n8	20	3/8"	10'-8"		6		4'-9"	2'-6"	4'-9"					1-2																																				
n17	4	3/8"	32'-3"		1	1-5	30'-0"									1-2	n9	16	1/2"	10'-0"		6		3'-9"	2'-6"	4'-9"					1-2																																				
n18	4	3/8"	32'-0"		1	1-5	23'-2"									1-2	n10	18	1/2"	9'-9"		6		3'-9"	2'-6"	4'-9"					1-2																																				
n19	4	3/8"	34'-3"		2	1-5	12'-0"	6'-6"	24'-4"							1-2	n11	22	3/8"	7'-0"		6		2'-3"	2'-6"	3'-7"					1-2																																				
n20	4	3/8"	28'-0"		1	1-5	25'-2"									1-2	n12	15	1/2"	12'-0"		6		4'-6"	2'-6"	4'-9"					1-2																																				
n21	4	1/2"	24'-3"		1	1-5	22'-0"									1-2	n13	10	1/2"	6'-9"		6		2'-1 1/2"	2'-6"	2'-1 1/2"					1-2																																				
n22	4	5/8"	6'-0"														n14	20	1/2"	3'-6"		6		1'-1 1/2"	1'-3"	1'-1 1/2"					1-2																																				
n23	4	1 1/4"	87'-3"		4	1-5	19'-2"	5'-3"								1-2	v	12	1/2"	12'-0"		7								1-5	3-8"																																				
n24	4	1/2"	12'-0"		5												v1	21	1/2"	11'-0"		7								1-5	3-8"																																				
n25	4	1/2"	11'-0"		5												d	21	1/8"	7'-0"																																															
n26	8	1/2"	11'-0"		5												d1	21	1/8"	12'-0"																																															
n27	10	3/4"	7'-6"		6	2-0%	2'-5"	2-0%									v2	20	1/8"	16'-0"																																															
n28	10	1 1/8"	49'-6"		1	1-5	40'-1"									1-2	v3	12	1/4"	11'-9"																																															
n29	2	3/8"	36'-6"		8	1-5	22'-0"	10'-9"								1-2	d2	22	1/8"	12'-0"																																															
n30	6	3/8"	60'-0"		1	1-5	22'-7"									1-2	d3	22	1/8"	12'-0"																																															
n31	6	3/8"	50'-3"		1	1-5	37'-10"									1-2	v4	20	1/4"	16'-0"																																															
n32	16	3/8"	47'-0"		1	1-5	40'-8"									1-2	v5	12	1/4"	11'-9"																																															
n33	2	3/8"	49'-6"		1	1-5	40'-8"									1-2	d4	20	1/8"	12'-0"																																															
n34	2	3/8"	47'-6"		2	1-5	6'-9"	10'-7"	10'-7"							1-2	d5	20	1/8"	12'-0"																																															
n35	2	3/8"	47'-6"		2	1-5	6'-9"	10'-7"	10'-7"							1-2	d6	20	1/8"	12'-0"																																															
n36	4	3/8"	41'-3"		1	1-5	28'-5"									1-2	g	2	3/4"	3'-1/2"	PITCH - 66° Core Dia 18'-0" Long																																														
n37	4	3/8"	41'-3"		1	1-5	28'-5"									1-2	g	2	3/4"	3'-1/2"	PITCH - 66° Core Dia 18'-0" Long																																														
n38	6	3/8"	41'-3"		1	1-5	28'-5"									1-2																																																			
n39	10	1 1/4"	27'-3"		1	1-5	24'-5"									1-2																																																			

DEPARTMENT OF HIGHWAYS
 COOK COUNTY, ILLINOIS
 WILLIAM N. ERICSSON
 GEORGE A. QUINLAN

PIER NO. 8
 CONGRESS STREET SUPERHIGHWAY
 DES PLAINES STREET TO CANAL STREET

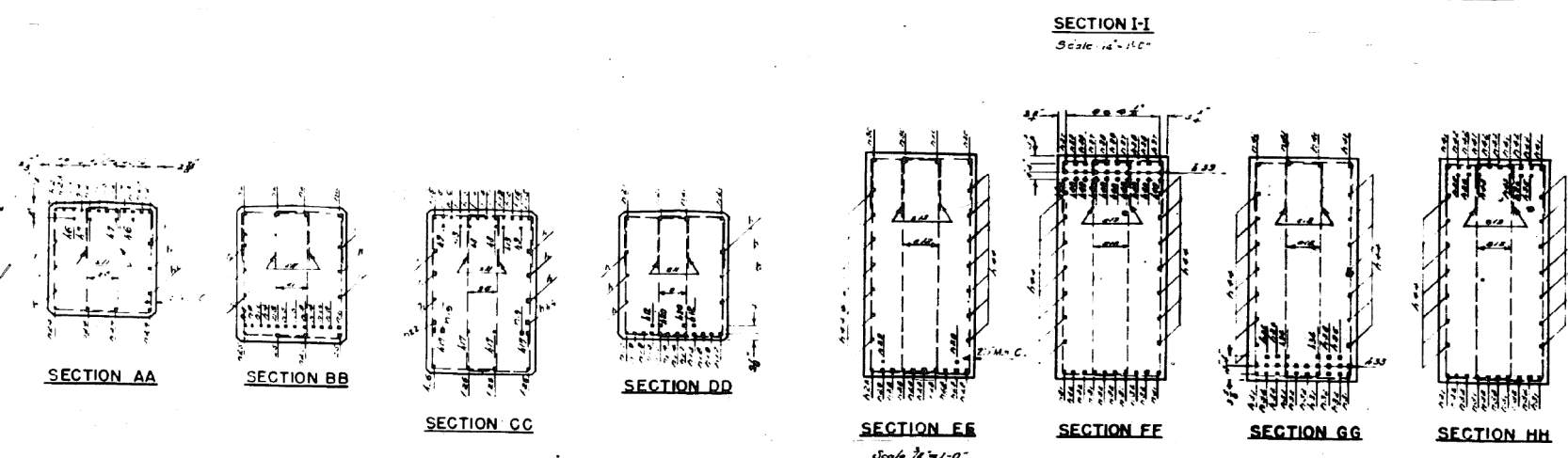
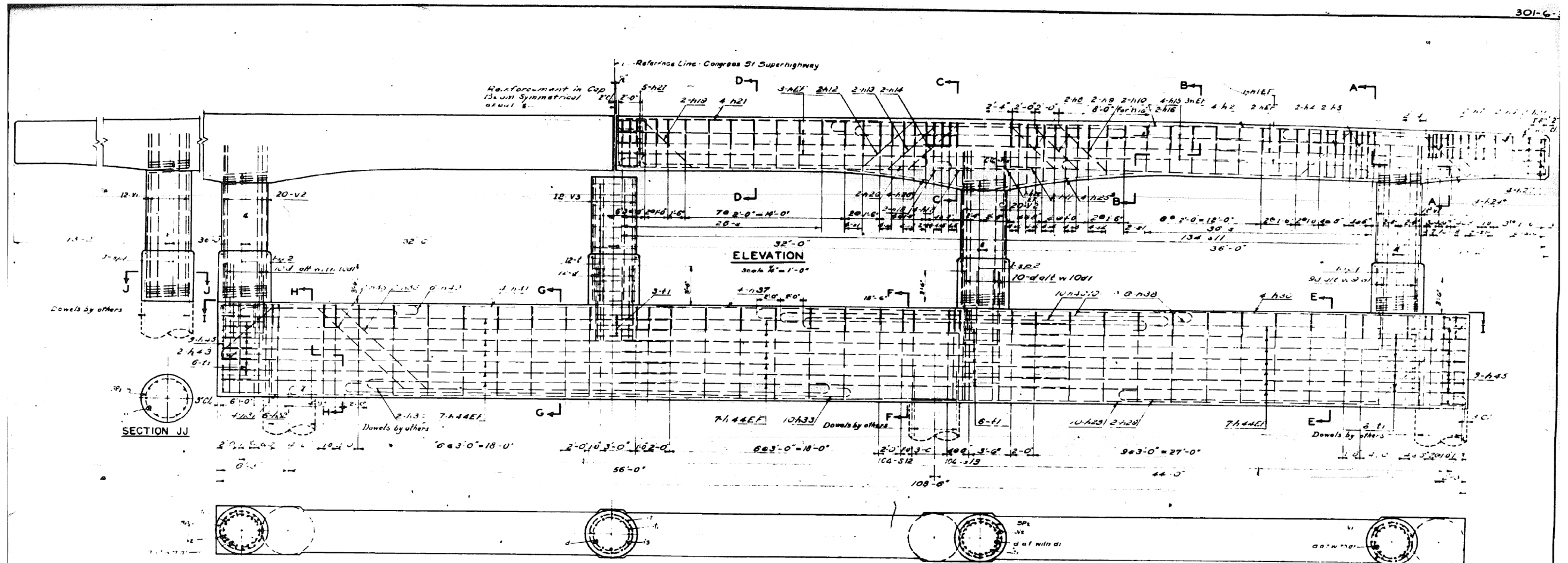
COMPUTED G. S. M.
 DRAWN S. M. W. J. G.
 CHECKED S. M. W.

SECTION 062-2424 3B.4
 SCALE AS NOTED
 APPROVED G. S. M.

APPROVED
 DATE: 6/23/92
 SHEET NO. 92
 TOTAL SHEETS 194
 DRAWING NO. CP248

0160461-60X78-5237-EXT.dgn

FOR INFORMATION ONLY



Note:
 All steel used in this structure shall conform to the specifications of the American Institute of Steel Construction, Inc. (AISC) Manual of Steel Construction, 9th Edition, Part 13, 1989.

DEPARTMENT OF HIGHWAYS
 COOK COUNTY, ILLINOIS

WILLIAM H. BRINCKERHOFF
 PROJECT ENGINEER

PIER NO. 8
CONGRESS STREET SUPERHIGHWAY
 DESPLAINES STREET TO CANAL STREET

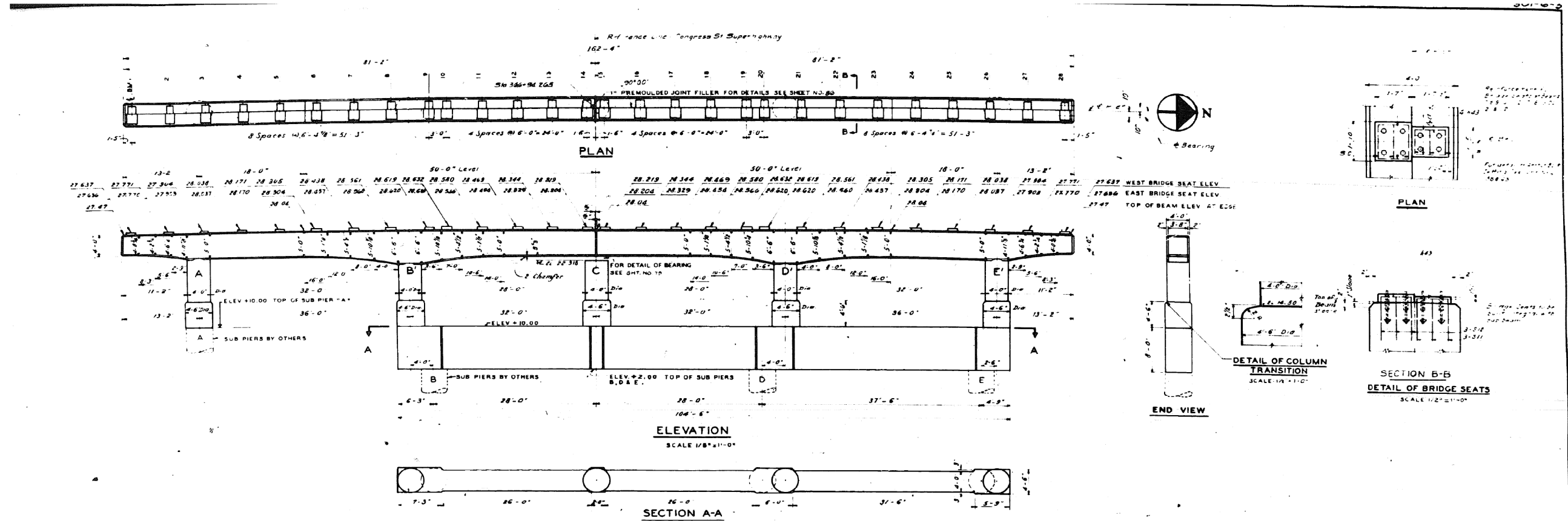
COMPUTED BY: J.M.W. DATE: 06/24/24 3 B .4
 DRAWN BY: J.M.W. & R.B. DATE: 06/24/24 3 B .4
 CHECKED BY: J.M.W. & R.B. DATE: 06/24/24 3 B .4

APPROVED: *[Signature]* DATE: 07/27/25
 PROJECT NO. 62 95093 SHEET NO. 93 OF 194 SHEETS CONTRACT NO. CP249

REVISIONS		
DATE	BY	DESCRIPTION

0160461-60X78-5238-EXT.dgn

FOR INFORMATION ONLY



BILL OF MATERIAL

MARK NO.	SIZE	LENGTH	SKETCH	TYPE	A	B	C	D	E	G	H	J	L	O	R
N1	1/2"	32-0		1	1-5	22-1				1-5	4-7	1-0			
N2	1/2"	28-0		2	1-5	15-4	8-6	28-2		1-5	3-5	1-0			
N3	1/2"	47-3		4	1-5	20-11	5-0			1-5	4-7	1-0			
N4	1/2"	24-6		1	1-5	21-8				1-5	4-7	1-0			
N5	1/2"	12-0		2											28-0
N6	1/2"	36-0		3	1-5	18-4	5-3	26-1		6	4-1	1-0			
N7	1/2"	51-0		3	1-5	18-4	6-2	29-1		6	4-4	1-0			
N8	1/2"	37-6		2	1-5	18-4	8-8	25-3		1-5	4-7	1-0			
N9	1/2"	43-3		2	1-5	18-4	6-6	23-3		1-5	4-7	1-0			
N10	1/2"	49-3		2	1-5	18-4	6-6	23-3		1-5	4-7	1-0			
N11	1/2"	13-0		1											28-0
N12	1/2"	17-0		5											68-0
N13	1/2"	32-6		1	1-5	31-1									
N14	1/2"	28-0		1	1-5	25-8				1-5					
N15	1/2"	19-3		1	1-5	17-10				1-5					
N16	1/2"	30-0		1	1-5	27-2				1-5					
N17	1/2"	28-6		1											
N18	1/2"	22-0		1											
N19	1/2"	36-3		1											
N20	1/2"	36-3		1											
N21	1/2"	23-6		1		22-1				1-5					
N22	1/2"	47-0		1						1-5					
N23	1/2"	42-0		1	1-5	40-7				1-5					
N24	1/2"	30-6		1	1-5	27-8				1-5					
N25	1/2"	30-6		2	1-5	27-8	10-2	25-9		1-5	7-2				
N26	1/2"	43-9		1		42-4				1-5					
N27	1/2"	49-6		1	1-5	48-1				1-5					
N28	1/2"	60-0		2	1-5	18-9	8-5	27-8		1-5	6-8				
N29	1/2"	60-0		2	1-5	18-9	8-5	27-8		1-5	6-8				
N30	1/2"	48-6		2	1-5	43-1				1-5	5-2				
N31	1/2"	37-6		1	1-5	36-8				1-5					
N32	1/2"	36-0		1	1-5	33-8				1-5					
N33	1/2"	51-0		1	1-5	49-7				1-5					
N34	1/2"	54-3		1	1-5	51-11				1-5					

NOTE:
ALL DIMENSIONS OF BENDING DETAILS ARE OUT TO PLT.
SPlicing OF BARS TO BE 33 DIA MIN. LAP.
4" OF THE BARS TO BE CONSTRUCTED TO THE PLT.
4" OF THE BARS TO BE CONSTRUCTED TO THE PLT.
4" OF THE BARS TO BE CONSTRUCTED TO THE PLT.

DATE	BY	DESCRIPTION
12-30-94	RAL	ISSUED FOR CONSTRUCTION

DEPARTMENT OF HIGHWAYS
COOK COUNTY, ILLINOIS
WILLIAM N. ERICKSON
GEORGE A. QUINN, AN

PIER NO 9
CONGRESS STREET SUPERHIGHWAY
DES PLAINES STREET TO CANAL STREET

COMPUTED G S M SECTION 082-2424.3 B.4
DRAWN S M W B C J G SHEET NO. 94 OF 194
CHECKED S M W APPROVED & ISSUED

APPROVED *James J. Hill* State and Fiscal Year: 62 1990-94
Total Sheets: 194
Drawing No: CP250

0160461-60X78-5239-EXT.dgn

PARSONS BRINCKERHOFF

USER NAME = pateld	DESIGNED -	REVISED -
PLOT SCALE = N.T.S.	CHECKED -	REVISED -
PLOT DATE = 3/23/2016	DRAWN - DCP	REVISED -
	CHECKED - JIG	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

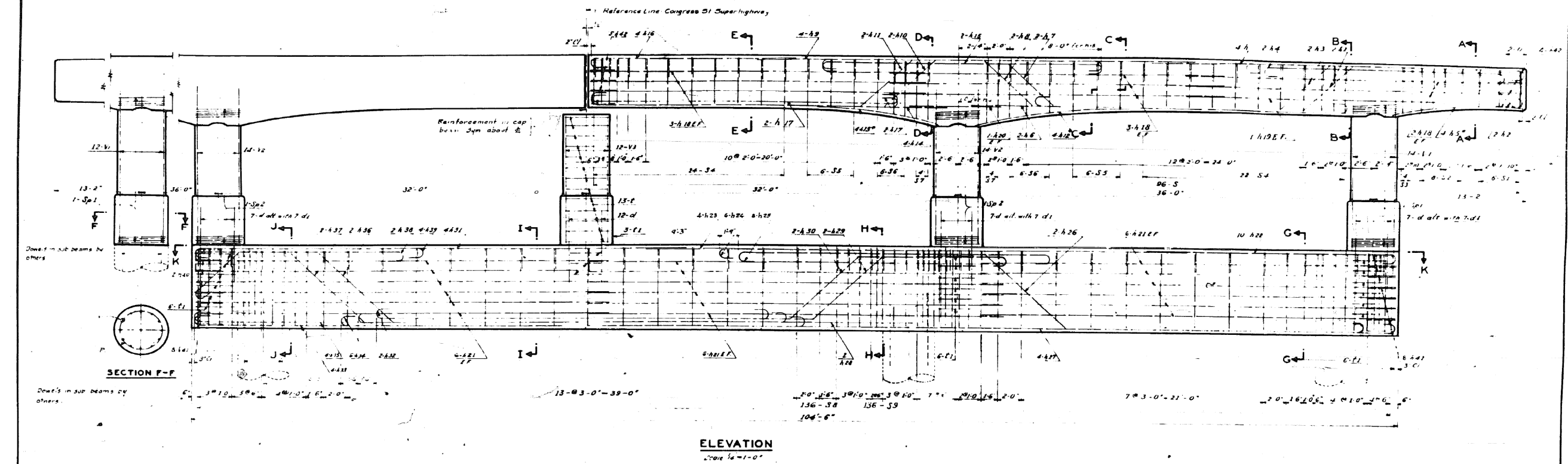
EXISTING PLANS
STRUCTURE NO. 016-0461

SHEET NO. 94 OF 194 SHEETS

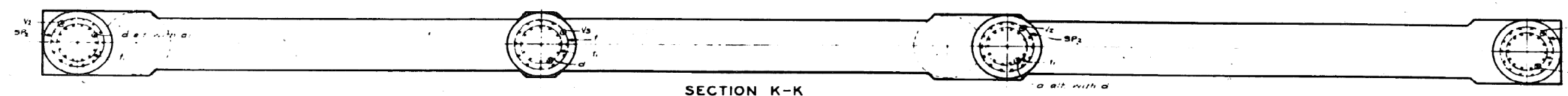
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-004 R&B (WB)	COOK	706	516
CONTRACT NO. 60X78				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY

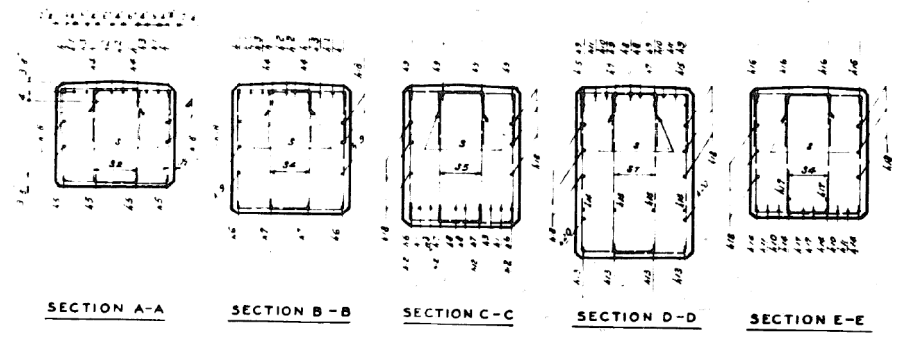
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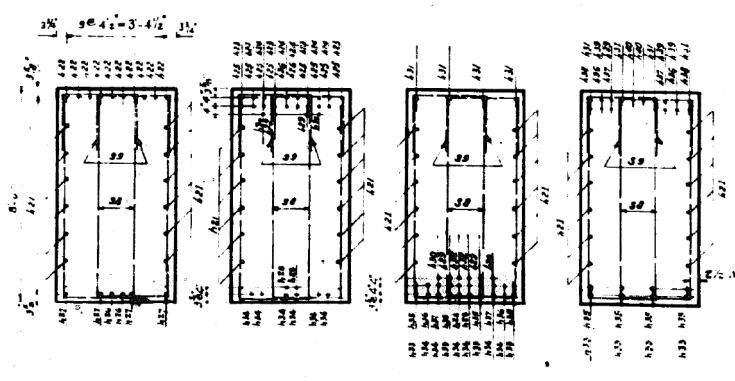
ELEVATION
Scale 1/4"=1'-0"



SECTION K-K
Scale 1/4"=1'-0"



SECTION A-A SECTION B-B SECTION C-C SECTION D-D SECTION E-E



SECTION G-G SECTION H-H SECTION I-I SECTION J-J
Scale 1/4"=1'-0"

REVISIONS		
DATE	BY	DESCRIPTION

NOTE -
* See Detail 100 for Notes
ALL STIRRUPS - PAIRS

DEPARTMENT OF HIGHWAYS COOK COUNTY, ILLINOIS			
WILLIAM N. ERICKSON CHIEF ENGINEER			
PIER NO. 9 CONGRESS STREET SUPERHIGHWAY DES PLAINES STREET TO CANAL STREET			
COMPUTED BY	DESIGNED BY	REVISION	082-24243 B.4
DRAWN BY	CHECKED BY	SCALE	AS NOTED
APPROVED	DATE	BY	
	62 1950 95		CP251

D:\60461-60X78-5240-EXT.dgn

PARSONS
BRINCKERHOFF

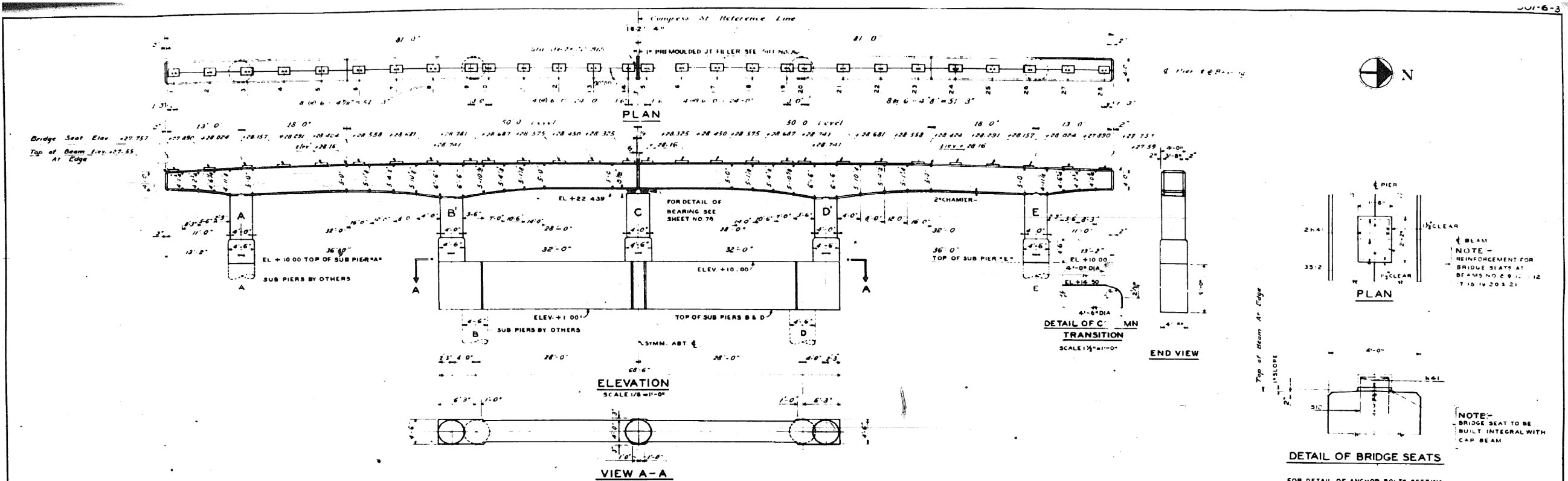
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PLOT SCALE = N.T.S.	CHECKED -	REVISED -
PLOT DATE = 3/23/2016	DRAWN - DCP	REVISED -
	CHECKED - JIG	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS
STRUCTURE NO. 016-0461
SHEET NO. 95 OF 194 SHEETS

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-004 R&B (WB)	COOK	706	517
CONTRACT NO. 60X78				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY



-BILL OF MATERIAL-

TYPE 1				TYPE 2				TYPE 3				TYPE 4				TYPE 5				TYPE 6				TYPE 7				TYPE 8																			
MARK NO.	SIZE	LENGTH	SKETCH	TYPE	A	B	C	D	E	G	H	J	L	O	R	MARK NO.	SIZE	LENGTH	SKETCH	TYPE	A	B	C	D	E	G	H	J	L	O	R	MARK NO.	SIZE	LENGTH	SKETCH	TYPE	A	B	C	D	E	G	H	J	L	O	R
h1	3/4"	34-6		1	1-5	33-1										h39	2	7/8"	48-3		1	1-5	45-11									h1	30	1/2"	7-11		1	1-5	31-11								

NOTE -
 ALL DIMENSIONS OF BENDING DETAILS ARE OUT TO OUT OF BARS.
 SLOPE OF REINFORCEMENT BARS TO BE 3/8 DIAMETER MAXIMUM LAP.
 ALL BRIDGE SEATS SHALL BE CONSTRUCTED TO THE EXACT ELEVATIONS SHOWN. IF BUSH HAMMERING OR GRINDING IS NECESSARY, IT SHALL BE DONE AT NO ADDITIONAL COST.

REVISIONS		
DATE	BY	DESCRIPTION
10-31-88	RMB	788' x 28' x 10' W

DEPARTMENT OF HIGHWAYS
 COOK COUNTY, ILLINOIS

**PIER NO. 10
 CONGRESS STREET SUPERHIGHWAY
 DES PLAINES STREET TO CANAL STREET**

WILLIAM H. BRINCKERHOFF
GEORGE A. GUNLAK

DESIGNED BY
SECTION 042-2424.3 & 4

DRAWN BY
SCALE AS NOTED

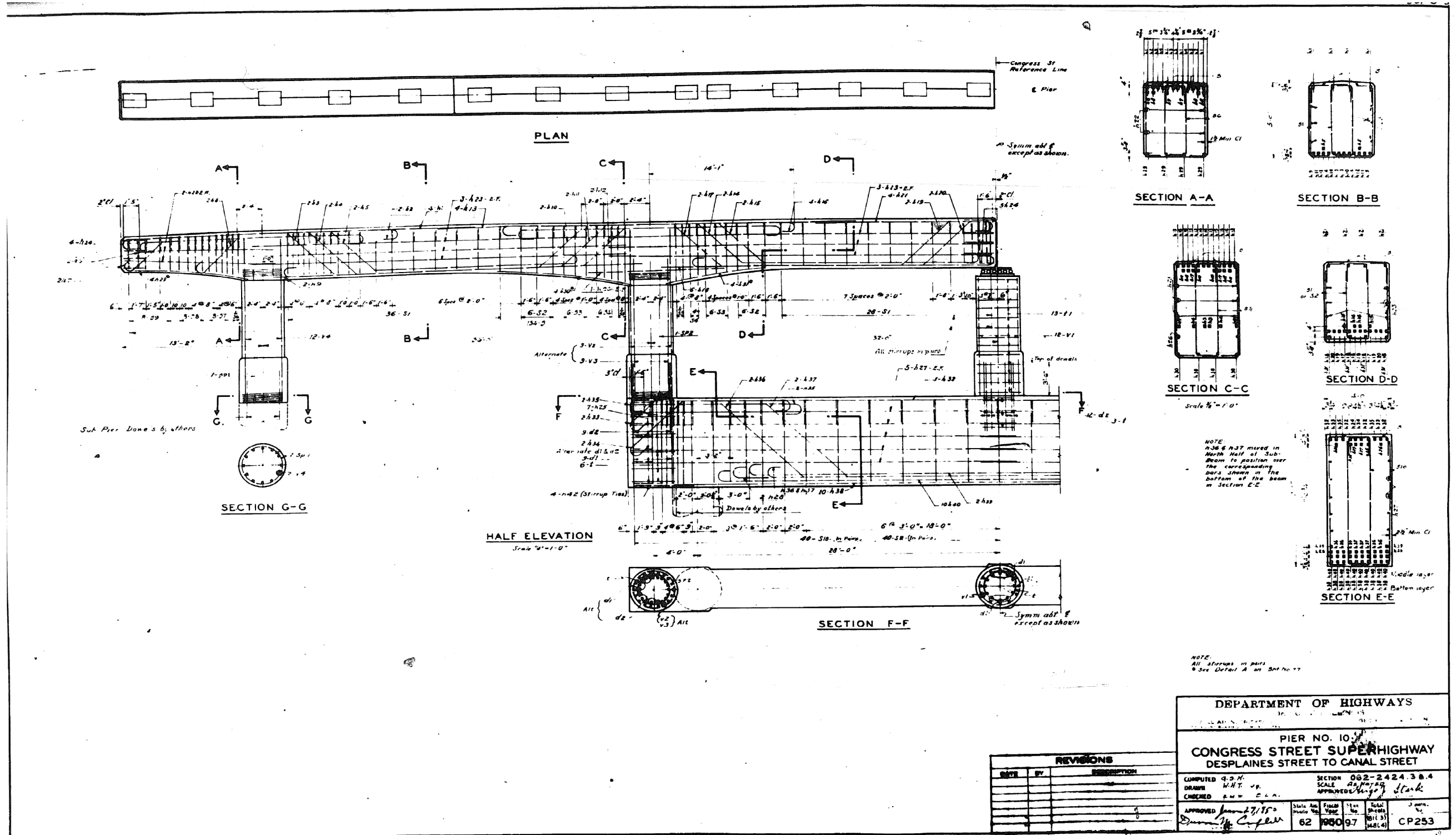
CHECKED BY
APPROVED BY

DATE
SHEET NO.

62
CP252

0160461-60X78-5241-EXT.dgn

FOR INFORMATION ONLY



DEPARTMENT OF HIGHWAYS

PIER NO. 10

CONGRESS STREET SUPERHIGHWAY
DESPLAINES STREET TO CANAL STREET

COMPUTED G.S.M. SECTION 002-2424.38.4
 DRAWN W.H.T. v.p. SCALE As noted
 CHECKED S.W. C.L.A. APPROVED *[Signature]*

APPROVED *[Signature]* 1/15/10
 State App. No. 62 FISCAL YEAR 1990-97 Total Sheets 519 (of 51)

CONTRACT NO. CP253

REVISIONS	
DATE	DESCRIPTION

0160461-60X78-5242-EXT.dgn

PARSONS BRINCKERHOFF

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PLOT SCALE = N.T.S.	CHECKED -	REVISED -
PLT DATE = 3/23/2016	DRAWN - DCP	REVISED -
	CHECKED - JIG	REVISED -

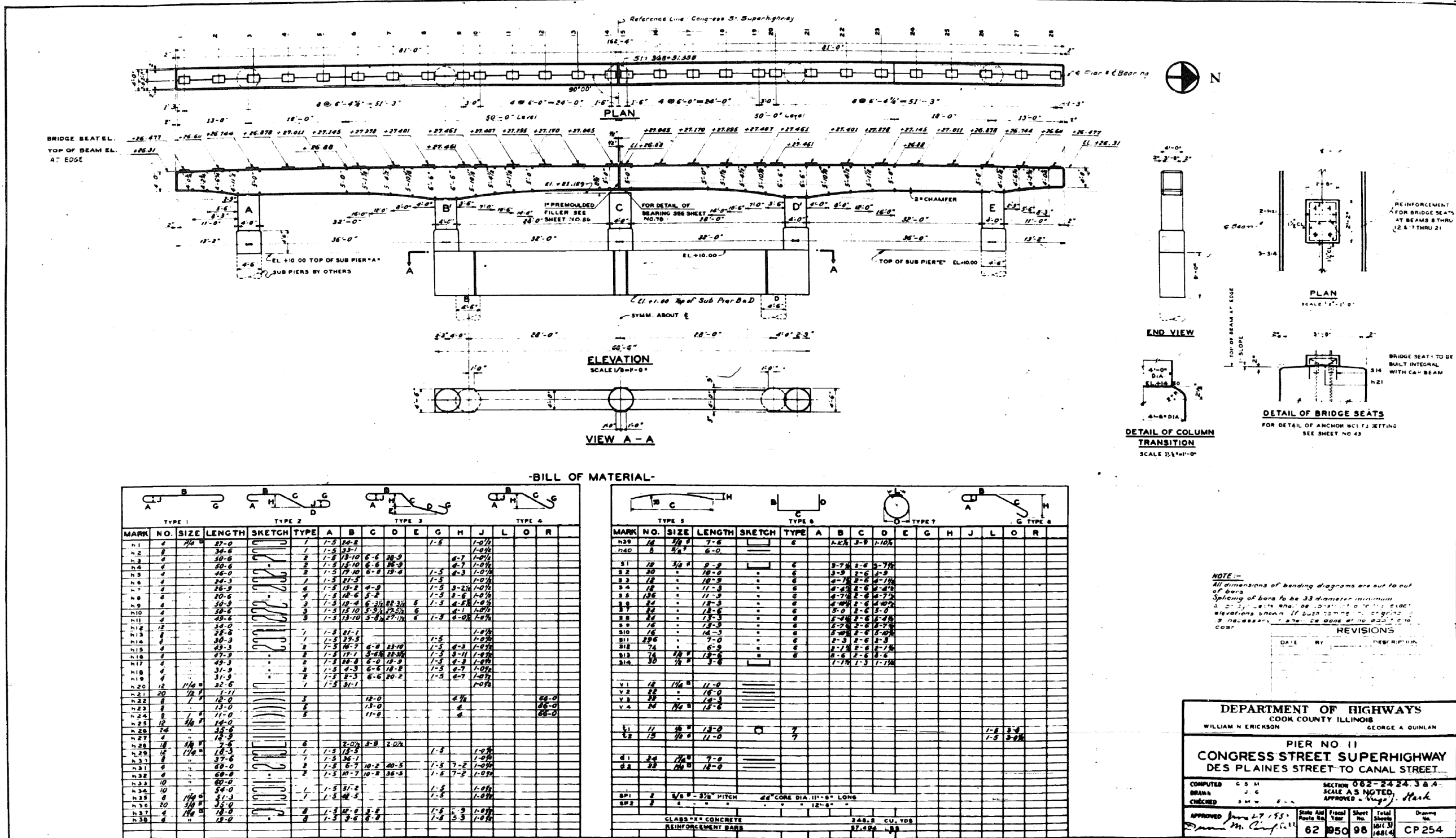
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS
STRUCTURE NO. 016-0461

SHEET NO. 97 OF 194 SHEETS

F.A.I. R.T.E. 90/94/290	SECTION 2014-004 R&B (WB)	COUNTY COOK	TOTAL SHEETS 706	SHEET NO. 519
				CONTRACT NO. 60X78
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY



0160461-60X78-5243-EXT.dgn

PARSONS BRINCKERHOFF

USER NAME = pateld	DESIGNED -	REVISED -
PLOT SCALE = N.T.S.	CHECKED -	REVISED -
PLOT DATE = 3/23/2016	DRAWN - DCP	REVISED -
	CHECKED - JIG	REVISED -

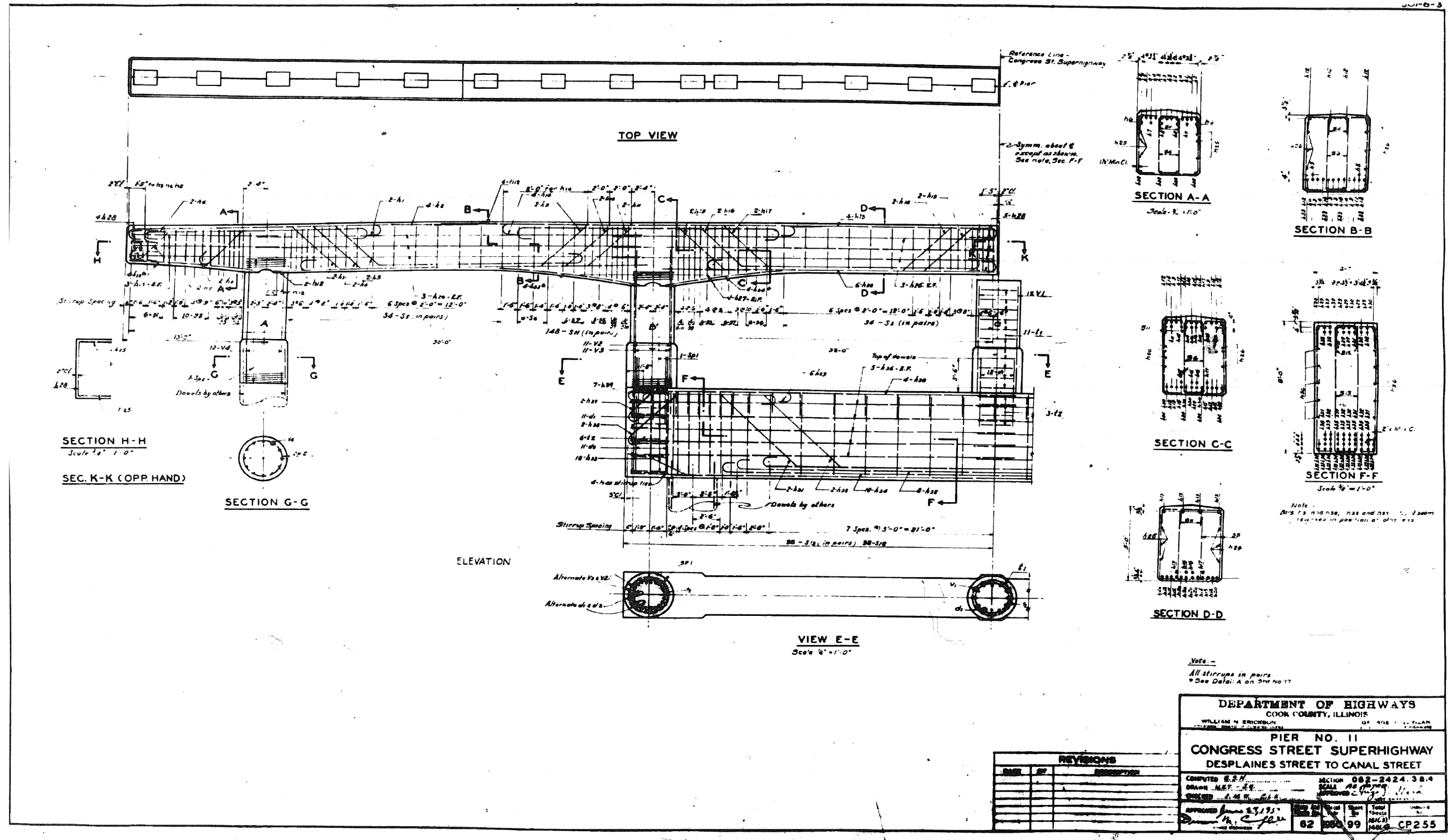
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS
STRUCTURE NO. 016-0461

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-004 R&B (WB)	COOK	706	520
CONTRACT NO. 60X78				
ILLINOIS FED. AID PROJECT				

SHEET NO. 98 OF 194 SHEETS

FOR INFORMATION ONLY



DEPARTMENT OF HIGHWAYS
COOK COUNTY, ILLINOIS
 WILLIAM N. ERICSSON
 CHIEF ENGINEER

PIER NO. 11
CONGRESS STREET SUPERHIGHWAY
DESPLAINES STREET TO CANAL STREET

COMPUTED E.P.H. SECTION 062-2424.38.4
 DRAWN M.B.T. SCALE AS SHOWN
 CHECKED E.M.R. DATE 11/11/99

APPROVED JAMES S. JONES
 DATE 11/11/99

62 000 99
 1461.9 CP255

REVISIONS		
NO.	BY	DESCRIPTION

0160461-60X78-5244-EXT.dgn

PARSONS
BRINCKERHOFF

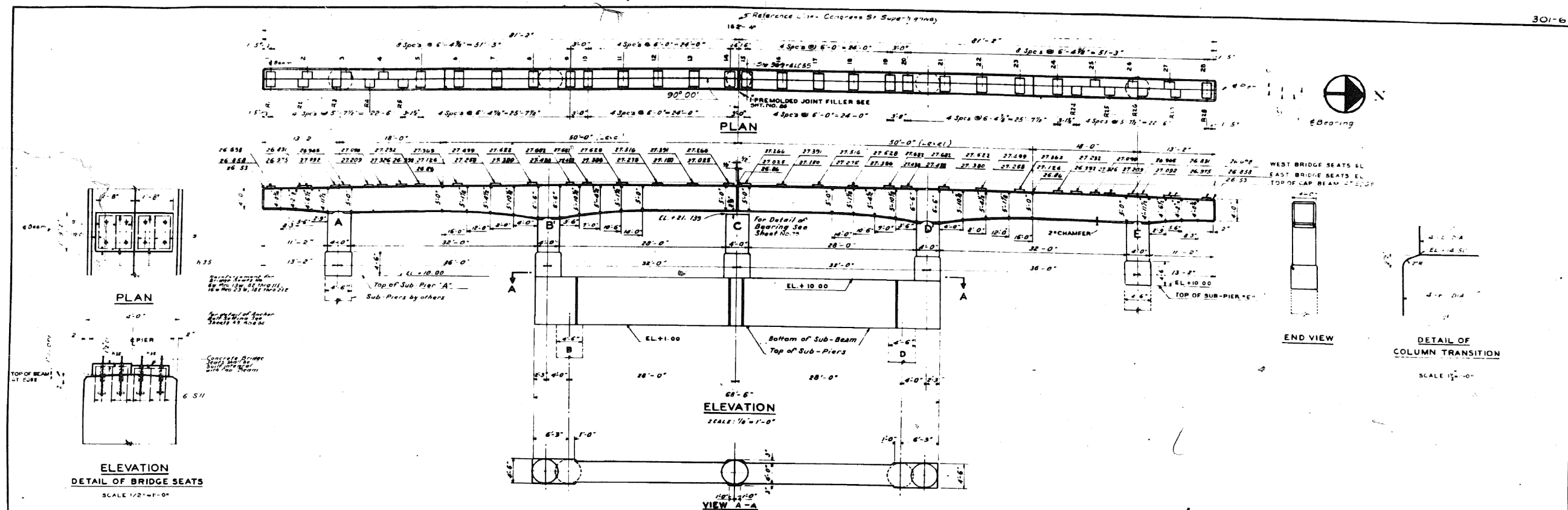
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PLOT SCALE = N.T.S.	CHECKED -	REVISED -
PLOT DATE = 3/23/2016	DRAWN - DCP	REVISED -
	CHECKED - JIG	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS
STRUCTURE NO. 016-0461
 SHEET NO. 99 OF 194 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-004 R&B (WB)	COOK	706	521
CONTRACT NO. 60X78				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY



TYPE 1			TYPE 2			TYPE 3			TYPE 4							
MARK	NO.	SIZE	LENGTH	SKETCH	TYPE	A	B	C	D	E	G	H	J	L	O	R
N.1	8	1/4"	34-6		1	1-5	33-1									
N.2	4	"	25-3		1	1-5	17-9	4-9					1-5	3-2 1/2	1-0 1/2	
N.3	4	"	48-0		2	1-5	17-4	6-6	31-4				1-5	4-7	1-0 1/2	
N.4	4	"	48-0		2	1-5	18-4	6-6	23-4				1-5	4-7	1-0 1/2	
N.5	4	"	19-3		4	1-5	11-2	3-3					1-5	3-7	1-0 1/2	
N.6	4	"	25-3		1	1-5	22-4						1-5		1-0 1/2	
N.7	4	"	30-6		3	1-5	16-4	6-6	24-10	3	1-5	4-6	1-5		1-0 1/2	
N.8	4	"	19-6		3	1-5	14-4	3-6	16-10 1/2				1-5	3-9 1/2	1-0 1/2	
N.9	4	"	49-6		2	1-5	14-10	6-6	25-6				1-5	4-7	1-0 1/2	
N.10	4	"	49-6		2	1-5	16-10	6-6	19-6				1-5	4-7	1-0 1/2	
N.11	4	"	27-9		1	1-5	24-11						1-5		1-0 1/2	
N.12	8	"	34-6													
N.13	8	"	37-6													
N.14	8	"	32-9		1	1-5	31-4						1-5		1-0 1/2	
N.15	8	"	29-6		1	1-5	26-9						1-5		1-0 1/2	
N.16	8	"	27-6		1	1-5	24-11						1-5		1-0 1/2	
N.17	8	1/4"	18-3		1	1-5	16-10						1-5		1-0 1/2	
N.18	8	1/4"	13-0		3			13-0					4			66-0
N.19	8	"	12-0		5			12-0					4 1/2			66-0
N.20	8	"	11-0		5			11-0					4			66-0
N.21	8	3/8"	27-0													
N.22	8	"	33-0													
N.23	18	"	7-6		6		2-0 1/2	3-8	2-0 1/2							
N.24	4	"	13-8													
N.25	4	3/8"	30-0													
N.26	4	1/4"	60-0		2	1-5	8-3	10-7	38-4				1-5	7-6	1-0 1/2	
N.27	4	"	60-0		2	1-5	12-3	10-7	36-4				1-5	7-6	1-0 1/2	
N.28	8	"	37-9		1	1-5	34-4						1-5		1-0 1/2	
N.29	8	"	17-6		1	1-5	14-2						1-5		1-0 1/2	
N.30	10	"	60-0													
N.31	10	"	32-6		1	1-5	28-9						1-5		1-0 1/2	
N.32	8	"	46-3		1	1-5	42-11						1-5		1-0 1/2	
N.33	6	1/4"	30-0		2	1-5	11-6 1/2	5-7 1/2					1-5	4-6	1-0 1/2	
N.34	24	3/8"	15-3													
N.35	48	1/2"	1-5													
N.36	16	5/8"	7-6		6		1-0 1/2	3-9	1-0 1/2							
N.37	8	3/8"	2-0													

TYPE 5			TYPE 6			TYPE 7			TYPE 8							
MARK	NO.	SIZE	LENGTH	SKETCH	TYPE	A	B	C	D	E	G	H	J	L	O	R
V.1	24	1/4"	15-6													
V.2	20	"	14-0													
V.3	20	"	16-0													
V.4	12	"	11-0													
L.1	11	1/4"	13-0		7										1-5	3-8
L.1	12	"	11-0		7										1-5	3-0 1/2
D.1	20	1/4"	2-0													
D.1	22	"	7-0													
B.1	220	3/8"	7-0		6		2-2	2-0	2-2							
B.1	108	"	11-3		6		4-3	2-8	4-6 1/2							
B.2	20	"	12-3		6		4-3	2-8	4-3 1/2							
B.3	18	"	12-0		6		4-3	2-8	4-3 1/2							
B.4	24	"	12-0		6		4-3	2-8	4-3 1/2							
B.5	8	"	11-6		6		4-3	2-8	4-3 1/2							
B.6	16	"	11-0		6		4-3	2-8	4-3 1/2							
B.7	12	"	10-3		6		3-9 1/2	2-8	3-9 1/2							
B.8	16	"	8-3		6		3-4 1/2	2-8	3-4 1/2							
B.9	20	"	8-3		6		4-2	2-8	4-2 1/2							
B.10	20	3/8"	12-6		6		4-2	2-8	4-2 1/2							
B.11	22	3/8"	12-6		6		4-2	2-8	4-2 1/2							
B.11	22	3/8"	4-0		6		1-2 1/2	1-7	1-2 1/2							

DEPARTMENT OF HIGHWAYS
COOK COUNTY, ILLINOIS

PIER NO. 12
CONGRESS STREET SUPERHIGHWAY
DES PLAINES STREET TO CANAL STREET

SECTION 062-2424.38A
SCALE AS SHOWN

COMPUTED C S M
DRAWN W. H. T. J. C.
CHECKED S. M. W.

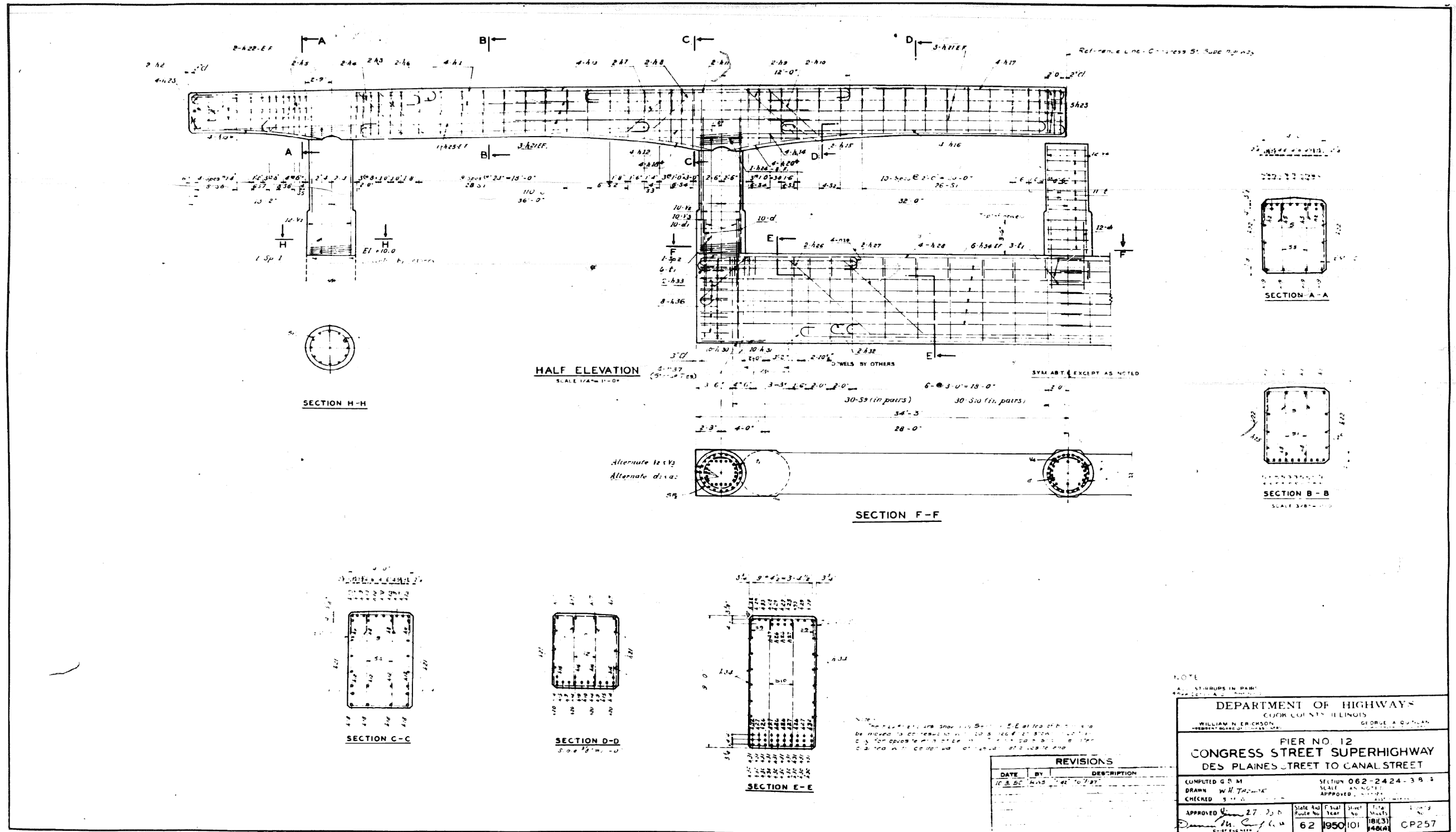
APPROVED *[Signature]* 2/7/50
DATE 2/7/50
SCALE 1/4" = 1'-0"

State Aid
Fiscal Year
Sheet No.
Total Sheets

62 1950 100 461.4 CP256

0160461-60X78-5245-EXT.dgn

FOR INFORMATION ONLY



NOTE:
ALL STIRRUPS IN PAIR

DEPARTMENT OF HIGHWAYS
COOK COUNTY, ILLINOIS

WILLIAM N. ERICSSON
CHIEF ENGINEER

GEORGE A. QUILLAN
CHIEF ENGINEER

PIER NO. 12
CONGRESS STREET SUPERHIGHWAY
DES PLAINES STREET TO CANAL STREET

SECTION 062-2424-383
SCALE AS NOTED

COMPUTED G.S.M.
DRAWN W.H. T...
CHECKED S...
APPROVED 27 2016
State Aid Route No. 62 Year 1950 Sheet No. 101 Total Sheets 184(3) 148(4) CP257

DATE	BY	DESCRIPTION
10-3-50	W.H. T...	...

0160461-60X78-5246-EXT.dgn

PARSONS BRINCKERHOFF

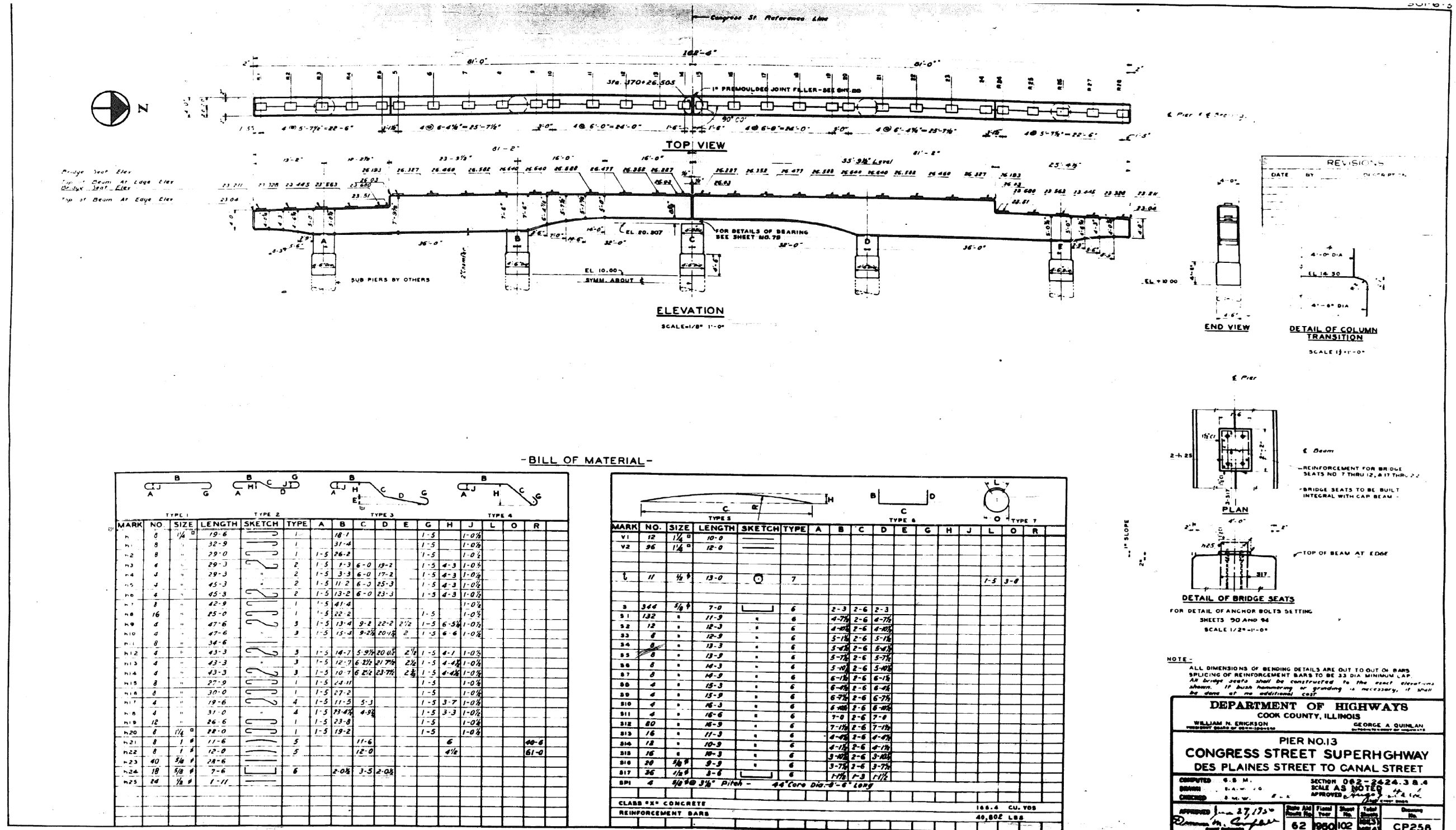
USER NAME = pateld	DESIGNED -	REVISED -
PLOT SCALE = N.T.S.	CHECKED -	REVISED -
PLOT DATE = 3/23/2016	DRAWN - DCP	REVISED -
	CHECKED - JIG	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS
STRUCTURE NO. 016-0461
SHEET NO. 101 OF 194 SHEETS

F.A.I. RTE. 90/94/290	SECTION 2014-004 R&B (WB)	COUNTY COOK	TOTAL SHEETS 706	SHEET NO. 523
				CONTRACT NO. 60X78
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY



0160461-60X78-5247-EXT.dgn

PARSONS BRINCKERHOFF

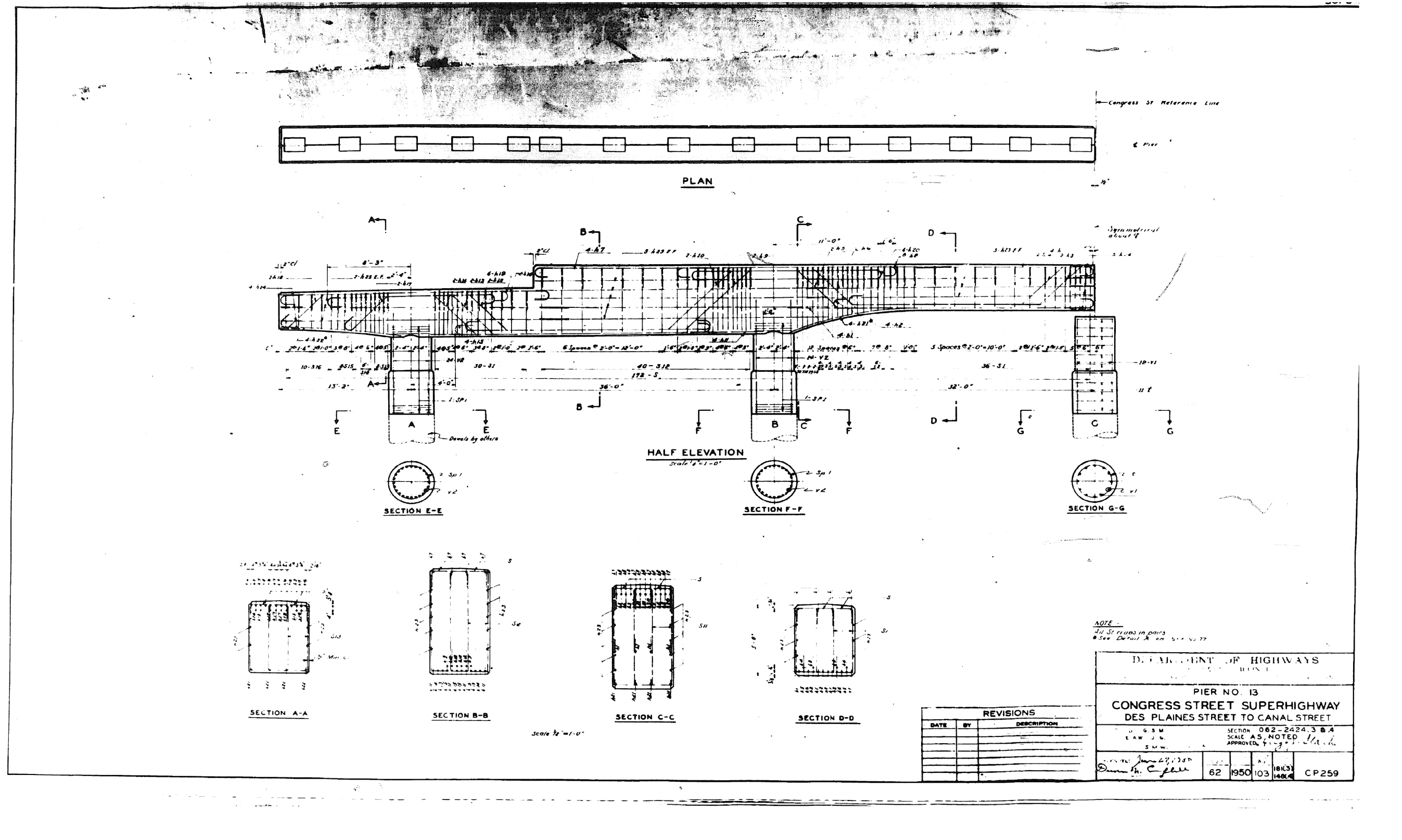
USER NAME = pateld	DESIGNED -	REVISED -
PLOT SCALE = N.T.S.	CHECKED -	REVISED -
PLOT DATE = 3/23/2016	DRAWN - DCP	REVISED -
	CHECKED - JIG	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EXISTING PLANS
 STRUCTURE NO. 016-0461
 SHEET NO. 102 OF 194 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-004 R&B (WB)	COOK	706	524
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X78	

FOR INFORMATION ONLY



NOTE:
 1. St. ribs in pairs
 2. See Detail A on 5/11/13

DEPARTMENT OF HIGHWAYS			
PIER NO. 13			
CONGRESS STREET SUPERHIGHWAY			
DES PLAINES STREET TO CANAL STREET			
SECTION 062-2424.3 B.4		SCALE AS NOTED	
APPROVED: [Signature]		APPROVED: [Signature]	
62	1950	103	18K3/148K4
CP259			

REVISIONS		
DATE	BY	DESCRIPTION

0160461-60X78-5248-EXT.dgn

PARSONS BRINCKERHOFF

USER NAME = pateld	DESIGNED -	REVISED -
PLOT SCALE = N.T.S.	CHECKED -	REVISED -
PLOT DATE = 3/23/2016	DRAWN - DCP	REVISED -
	CHECKED - JIG	REVISED -

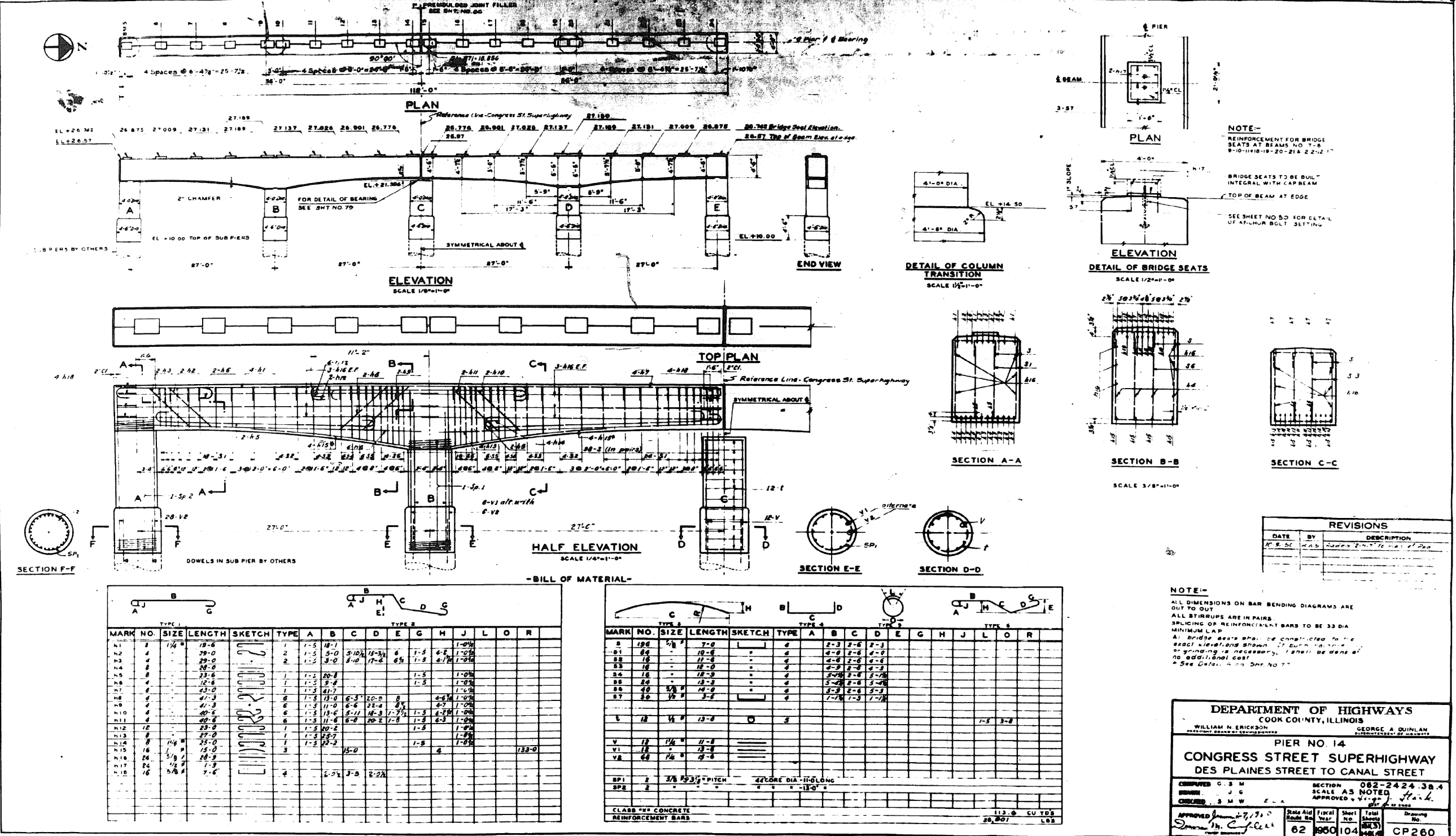
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EXISTING PLANS
 STRUCTURE NO. 016-0461
 SHEET NO. 103 OF 194 SHEETS

F.A.I. RE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-004 R&B (WB)	COOK	706	525
CONTRACT NO. 60X78				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY

301-6-3



NOTE:-
 ALL DIMENSIONS ON BAR BENDING DIAGRAMS ARE OUT TO OUT.
 ALL STIRRUPS ARE IN PAIRS.
 SPlicing OF REINFORCEMENT BARS TO BE 33 DIA MINIMUM LAP.
 All bridge seats shall be constructed to the exact elevations shown. If such is not possible grinding is necessary. It shall be done at no additional cost.
 See Detail 4014 Sht. No. 77

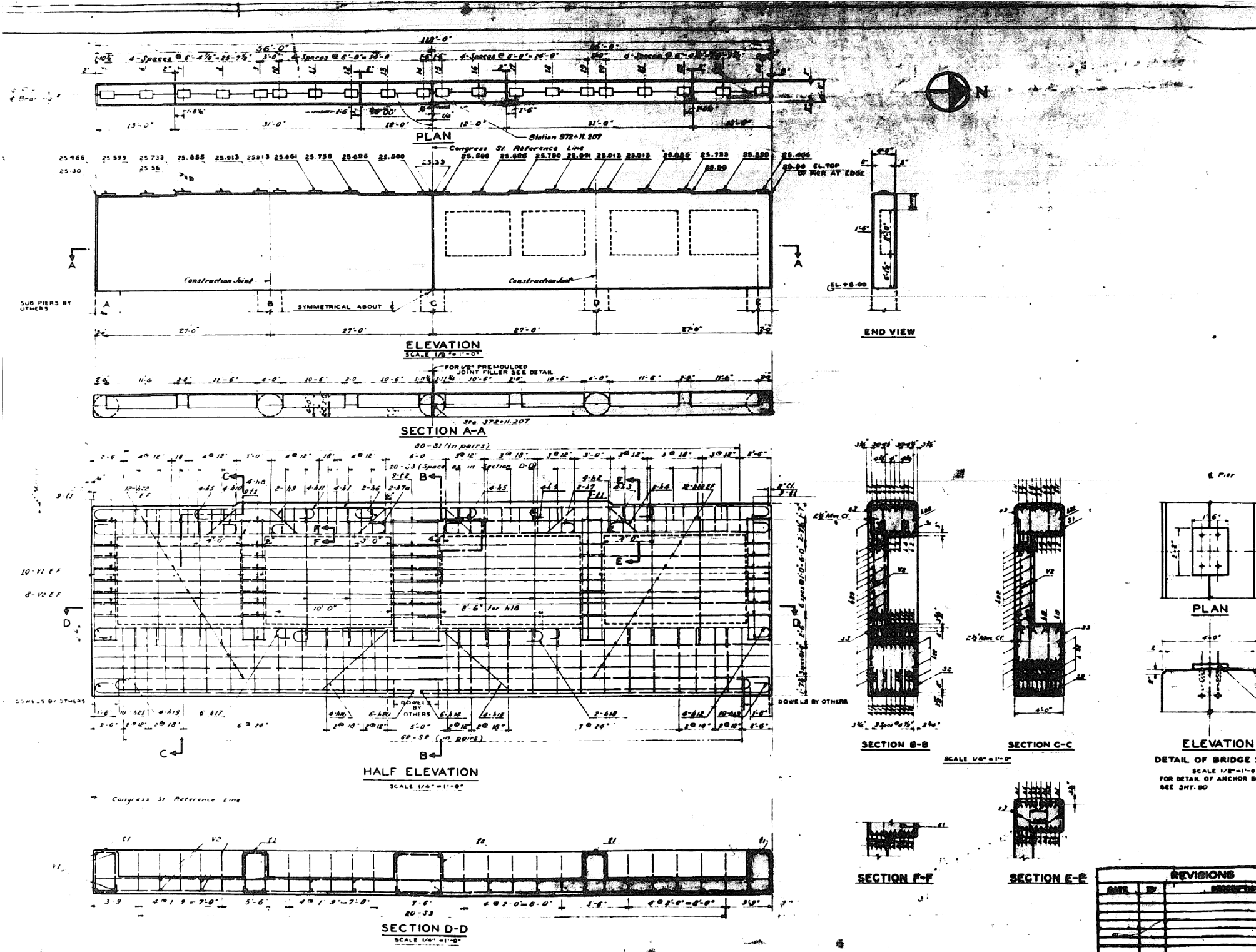
DATE	BY	DESCRIPTION
10-25-11	JAB	Added 2nd revision of Piers

DEPARTMENT OF HIGHWAYS		COOK COUNTY, ILLINOIS	
WILLIAM N. ERICKSON DIRECTOR	GEORGE A. QUINLAN COMMISSIONER		
PIER NO. 14			
CONGRESS STREET SUPERHIGHWAY			
DES PLAINES STREET TO CANAL STREET			
DESIGNED BY G. S. W.	CHECKED BY J. G.	SECTION NO. 062-2424.3B.4	SCALE AS NOTED
APPROVED BY <i>James H. Coffey</i>		Scale and Twp. 62 960	Sheet No. 104
CLASS: #4 CONCRETE REINFORCEMENT BARS		Total Sheets 400	Drawing No. CP260

0160461-60X78-5249-EXT.dgn

FOR INFORMATION ONLY

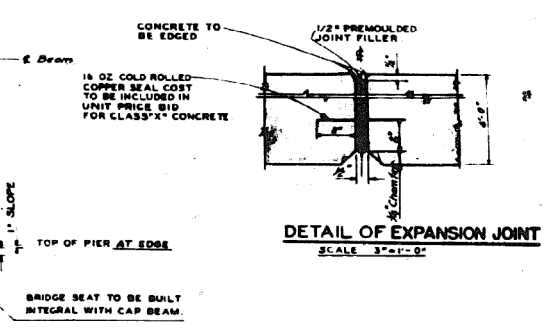
501-G-3



BILL OF MATERIAL

REINFORCEMENT		ALL DIMENSIONS ARE OUT TO OUT												
MARK	NO.	SIZE	LENGTH	SKETCH	TYPE	A	B	C	D	E	F	G	H	J
H1	8	1"	30'-0"		2	1-1	37'-0"							10
H2	8	1"	30'-0"		2	1-1	37'-0"							10
H3	8	1"	30'-0"		2	1-1	37'-0"							10
H4	8	1"	30'-0"		2	1-1	37'-0"							10
H5	8	1"	30'-0"		2	1-1	37'-0"							10
H6	8	1"	30'-0"		2	1-1	37'-0"							10
H7	8	1"	30'-0"		2	1-1	37'-0"							10
H7A	8	1"	30'-0"		2	1-1	37'-0"							10
H8	8	1"	30'-0"		2	1-1	37'-0"							10
H9	8	1"	30'-0"		2	1-1	37'-0"							10
H10	8	1"	30'-0"		2	1-1	37'-0"							10
H11	8	1"	30'-0"		2	1-1	37'-0"							10
H12	8	1"	30'-0"		2	1-1	37'-0"							10
H13	8	1"	30'-0"		2	1-1	37'-0"							10
H14	8	1"	30'-0"		2	1-1	37'-0"							10
H15	8	1"	30'-0"		2	1-1	37'-0"							10
H16	8	1"	30'-0"		2	1-1	37'-0"							10
H17	8	1"	30'-0"		2	1-1	37'-0"							10
H18	8	1"	30'-0"		2	1-1	37'-0"							10
H19	8	1"	30'-0"		2	1-1	37'-0"							10
H20	8	1"	30'-0"		2	1-1	37'-0"							10
H21	8	1"	30'-0"		2	1-1	37'-0"							10
H22	8	1"	30'-0"		2	1-1	37'-0"							10
V1	40	1"	11'-0"											
V2	32	1"	11'-0"											
E1	72	1/2"	11'-3"		4	7/8	1-03-4	1-03-4	7/8					
E2	18	1/2"	8'-3"		4	7/8	1-03-4	1-03-4	7/8					
S1	180	1/2"	8'-3"		5	7	2-02-8	2-02-8	7					
S2	126	1/2"	15'-3"		5	8	2-02-8	2-02-8	8					
S3	80	1/2"	8'-0"		6	8	2-02-8	2-02-8	8					

CLASS "B" CONCRETE REINFORCEMENT BARS
SEE 1.02 FOR
5,602 LB.



NOTE
SPlicing of bars to be 33 diameter minimum lap.
All bridge seats shall be constructed to the exact elevations shown. If bush hammering or grinding is necessary, it shall be done at no additional cost.

REVISIONS

DATE	BY	DESCRIPTION

DEPARTMENT OF HIGHWAYS
COOK COUNTY, ILLINOIS

PIER NO. 15
CONGRESS STREET SUPERHIGHWAY
DES PLAINES STREET TO CANAL STREET

COMPILED BY: S. S. M. SECTION: 016-0461-384
DRAWN BY: S. C. J. G. SCALE: AS SHOWN
CHECKED BY: S. M. W. DATE: 10/15/11

APPROVED: [Signature] DATE: 10/27/11
SHEETS: 105 OF 194
PROJECT: 62 060105

0160461-60X78-5250-EXT.dgn

PARSONS BRINCKERHOFF

USER NAME = pateld	DESIGNED -	REVISED -
PLOT SCALE = N.T.S.	CHECKED -	REVISED -
PLOT DATE = 3/23/2016	DRAWN - DCP	REVISED -
	CHECKED - JIG	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

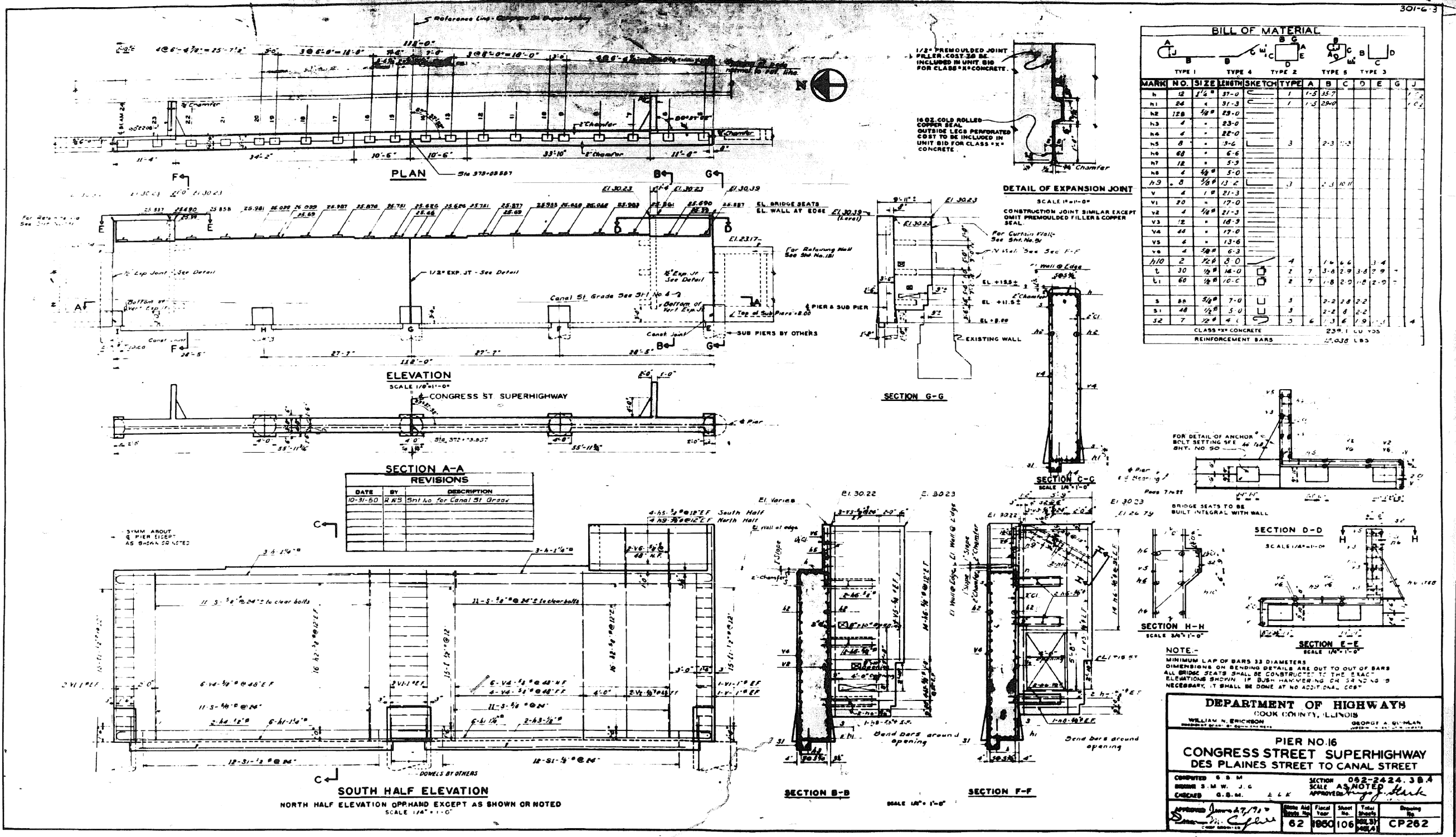
EXISTING PLANS
STRUCTURE NO. 016-0461

SHEET NO. 105 OF 194 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-004 R&B (WB)	COOK	706	527
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X78	

FOR INFORMATION ONLY

301-G-3



BILL OF MATERIAL									
MARK	NO.	SIZE	LENGTH	SKETCH	TYPE 1	TYPE 2	TYPE 3	TYPE 4	TYPE 5
h	12	1/4"	37-0		1	1.5	35.7		
h1	24	1/4"	31-3			1.5	25.0		
h2	12B	3/8"	29-0						
h3	4	"	23-0						
h4	4	"	22-0						
h5	8	"	3-6		3	2.3	1.3		
h6	6B	"	6-6						
h7	12	"	5-3						
h8	4	3/8"	5-0						
h9	8	3/8"	13-2		3	1.3	10.11		
v	4	1"	21-3						
v1	20	"	17-0						
v2	4	1/2"	21-3						
v3	12	"	18-9						
v4	4	"	17-0						
v5	4	"	13-6						
v6	4	3/8"	6-3						
h10	2	1/2"	8-0		4	1.4	6.4	3.4	
t	30	1/2"	14-0		2	7	3.6	2.9	3.9
l1	60	1/2"	10-C		2	7	1.8	2.0	2.0
s	8	3/8"	7-0		3	2.2	2.8	2.2	
s1	48	1/2"	5-0		3	2.2	8	2.2	
s2	7	1/2"	4-1		3	6	1.6	1.9	
CLASS "A" CONCRETE 2500 LBS									
REINFORCEMENT BARS 2500 LBS									

SECTION A-A REVISIONS		
DATE	BY	DESCRIPTION
10-31-50	RWS	Shr. No. for Canal St. Grade

NOTE -
MINIMUM LAP OF BARS 33 DIAMETERS
DIMENSIONS ON BENDING DETAILS ARE OUT TO OUT OF BARS
ALL BRIDGE SEATS SHALL BE CONSTRUCTED TO THE EXACT
ELEVATIONS SHOWN, IF BUSH-HAMMERING OR STAKING IS
NECESSARY, IT SHALL BE DONE AT NO ADDITIONAL COST

DEPARTMENT OF HIGHWAYS
COOK COUNTY, ILLINOIS

WILLIAM N. ERICSSON
GEORGE A. GUNLAN

PIER NO. 16
CONGRESS STREET SUPERHIGHWAY
DES PLAINES STREET TO CANAL STREET

COMPUTED G.B.M. SECTION 062-2424.38A
DRAWN S.M.W. J.G. SCALE AS NOTED
CHECKED G.S.M. E.L.K. APPROVED *[Signature]*

APPROVED *[Signature]* DATE 4/7/71
DATE 6/2 1960 106 SHEET NO. 106 OF 194 SHEETS
DRAWING NO. CP262

0160461-60X78-5251-EXT.dgn

PARSONS BRINCKERHOFF

USER NAME = pateld	DESIGNED -	REVISED -
PLOT SCALE = N.T.S.	CHECKED -	REVISED -
PLOT DATE = 3/23/2016	DRAWN - DCP	REVISED -
	CHECKED - JIG	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

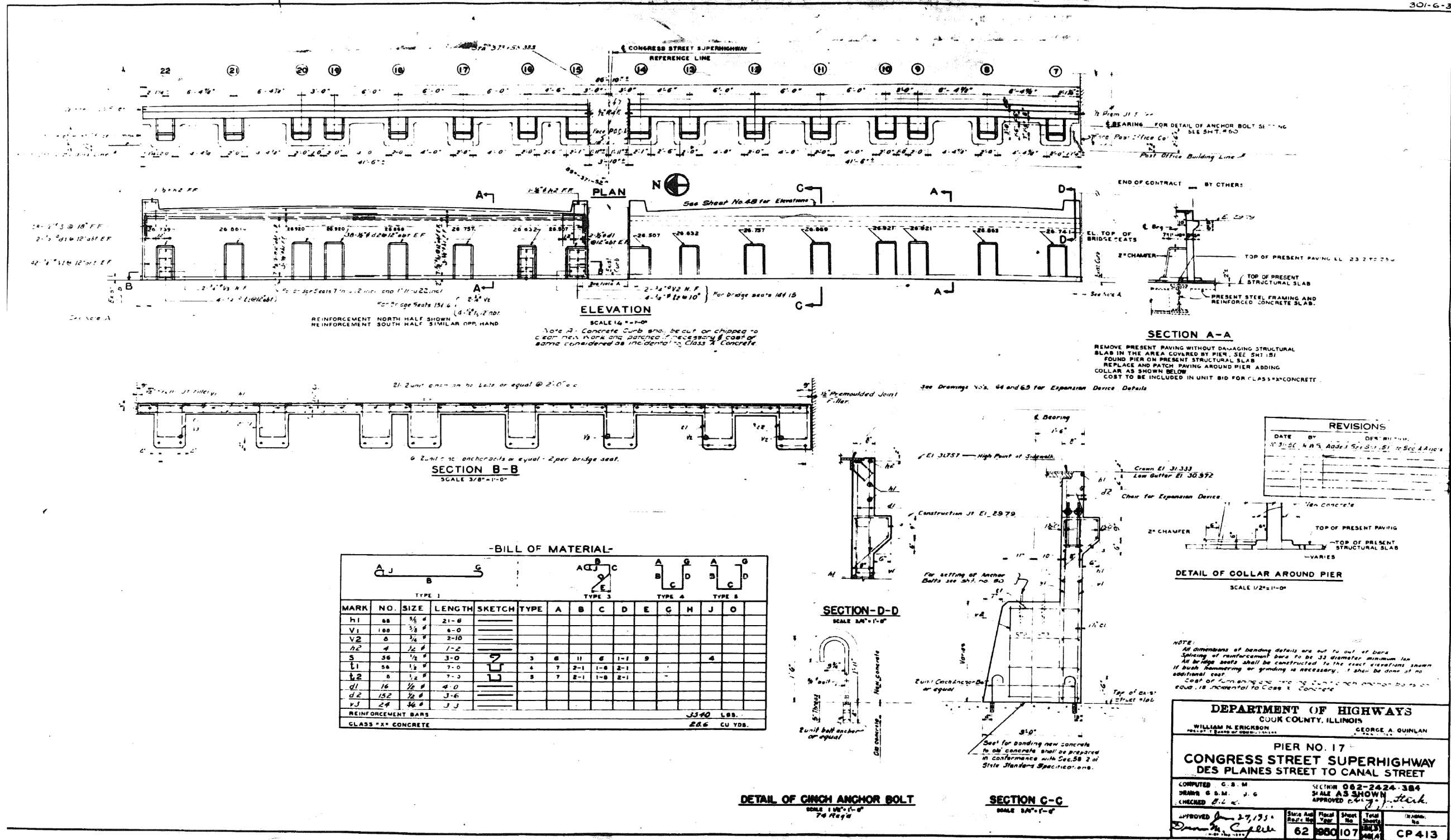
EXISTING PLANS
STRUCTURE NO. 016-0461

SHEET NO. 106 OF 194 SHEETS

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-004 R&B (WB)	COOK	706	528
CONTRACT NO. 60X78			ILLINOIS FED. AID PROJECT	

FOR INFORMATION ONLY

301-6-3



0160461-60X78-5252-EXT.dgn

PARSONS BRINCKERHOFF

USER NAME = pateld	DESIGNED -	REVISED -
PLOT SCALE = N.T.S.	CHECKED -	REVISED -
PLOT DATE = 3/23/2016	DRAWN - DCP	REVISED -
	CHECKED - JIG	REVISED -

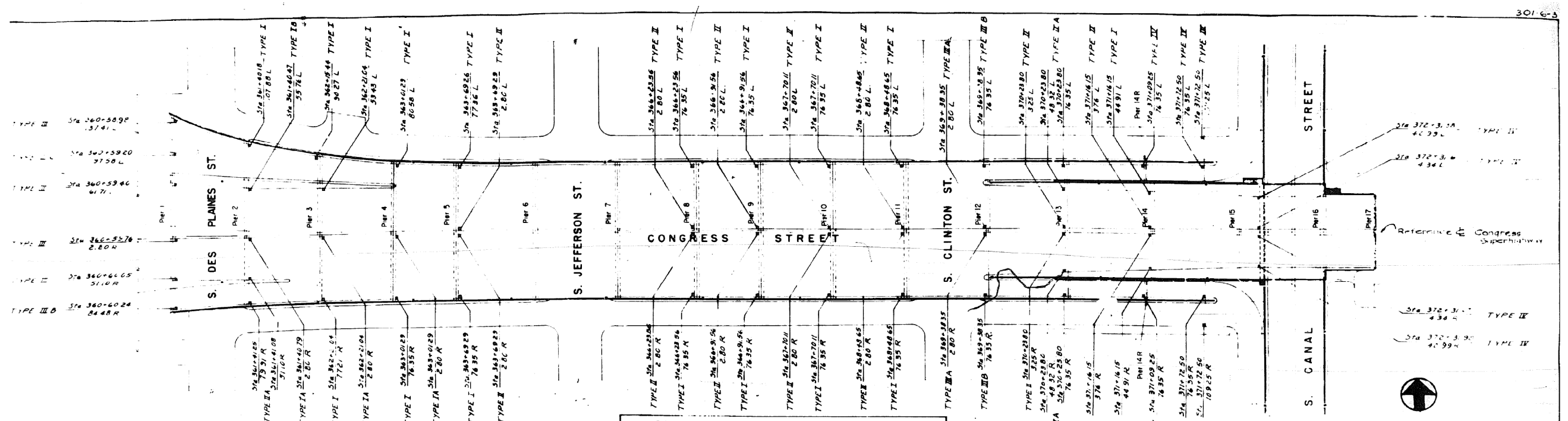
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS
STRUCTURE NO. 016-0461

SHEET NO. 107 OF 194 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-004 R&B (WB)	COOK	706	529
CONTRACT NO. 60X78			ILLINOIS FED. AID PROJECT	

FOR INFORMATION ONLY



Pier No.	Location	Inlet Data		Downspout Data				Length along 66" C.I. Pipe	
		Frame No.	Elevation	Detail Type	A	B	C		D
1	360+58.98	1	26.00	III	1.5'	6"	0	4'-0"	18'-1 1/2"
1	360+59.20	1	27.29	III	0.7'	6"	5'-0"	4'-0"	24'-9 1/2"
1	360+59.40	1	27.57	III	6.7'	4 1/2"	5'-0"	4'-0"	21'-6 1/2"
1	360+59.76	1	28.58	III	2.9'	5"	1'-0"	6'-10"	22'-3 1/2"
1	360+60.00	1	28.59	III	2.4'	5 1/2"	1'-2"	7'-2"	22'-0 1/2"
1	360+60.24	1	28.09	III	6.1'	6"	0'-0"	6'-0"	21'-0 1/2"
2	361+40.78	1	28.28	I	0.2'	2.5"	5'-6"	9'-3 1/2"	26'-2 1/2"
2	361+41.00	1	29.31	IO	1.1'	2.5"	2'-0"	11'-3 1/2"	23'-9 1/2"
2	361+41.24	1	28.49	IA	2.9'	2.5"	1'-0"	13'-8"	24'-6 1/2"
2	361+41.48	1	29.10	IIA	1.4'	2.2"	0"	9'-0"	48'-9 1/2"
3	362+18.48	2	29.97	I	6.0'	3.0"	6'-1 1/2"	7'-0"	23'-3 1/2"
3	362+18.72	1	31.73	I	4.4'	3.0"	1'-3"	0'-0"	24'-1 1/2"
3	362+18.96	1	31.74	IA	2.9'	3.3"	1'-3"	1'-3"	23'-1 1/2"
3	362+19.20	1	31.1	I	11.2'	2.0"	1'-0"	1'-0"	28'-9 1/2"
4	363+18.24	1	31.48	IO	0.4'	2.5"	5'-0"	0'-0"	27'-1 1/2"
4	363+18.48	1	32.48	IA	2.9'	3.0"	0'	12'-2"	24'-2 1/2"
4	363+18.72	1	32.5	I	8.4'	2.5"	5'-0"	0'-0"	27'-8 1/2"
4	363+18.96	2	32.5	IA	10.4'	1.0"	1'-0"	9'-0"	27'-6 1/2"
5	363+19.20	1	32.49	II	2.9'	2.4'	1'-0"	11'-9 1/2"	31'-0 1/2"
5	363+19.44	1	32.97	I	2.9'	3.3'	1'-0"	11'-9 1/2"	31'-0 1/2"
5	363+19.68	1	32.44	I	8.4'	1.0"	5'-0"	11'-0"	26'-9 1/2"
5	363+19.92	1	32.43	IO	8.4'	2.5"	5'-0"	7'-0"	24'-3 1/2"
5	363+20.16	1	32.24	II	1.9'	3.3"	1'-0"	0'-0"	29'-9 1/2"
5	363+20.40	1	32.24	I	8.4'	2.5"	5'-0"	7'-0"	24'-3 1/2"

Pier No.	Location	Frame No.	Elevation	Detail Type	Downspout Data				Length along 66" C.I. Pipe
					A	B	C	D	
9	366+51.84	1	32.19	I	8'-4"	2'-0"	5'-0"	7'-2"	23'-1 1/2"
9	366+52.08	1	32.70	II	2'-9"	5'-0"	1'-0"	0'-0"	20'-0 1/2"
9	366+52.32	1	32.70	I	2'-9"	5'-0"	1'-0"	0'-0"	20'-0 1/2"
10	367+18.11	1	32.19	I	8'-4"	2'-0"	5'-0"	7'-2"	23'-1 1/2"
10	367+18.35	1	31.51	I	8'-4"	2'-0"	5'-0"	6'-0"	23'-10 1/2"
10	367+18.59	1	32.44	I	2'-9"	5'-0"	1'-0"	0'-0"	20'-7 1/2"
10	367+18.83	1	32.44	I	2'-9"	5'-0"	1'-0"	0'-0"	20'-7 1/2"
10	367+19.07	1	31.51	I	8'-4"	2'-0"	5'-0"	6'-0"	23'-10 1/2"
11	368+18.83	1	31.42	I	8'-4"	2'-0"	5'-0"	7'-2"	23'-1 1/2"
11	368+19.07	1	32.14	II	2'-9"	4'-5"	1'-0"	7'-0"	29'-6 1/2"
11	368+19.31	1	32.14	I	2'-9"	4'-5"	1'-0"	7'-0"	29'-6 1/2"
11	368+19.55	1	41.62	I	8'-4"	2'-0"	5'-0"	7'-2"	23'-1 1/2"
12	369+18.83	1	31.29	II	8'-4"	2'-0"	5'-0"	7'-2"	23'-1 1/2"
12	369+19.07	1	31.82	III	2'-9"	5'-0"	1'-0"	0'-0"	20'-5 1/2"
12	369+19.31	1	31.82	I	2'-9"	5'-0"	1'-0"	0'-0"	20'-5 1/2"
12	369+19.55	1	31.29	III	8'-4"	2'-0"	5'-0"	7'-2"	23'-1 1/2"
13	370+18.83	1	28.47	IA	8'-4"	2'-0"	5'-0"	7'-2"	23'-1 1/2"
13	370+19.07	2	31.41	IA	8'-4"	1'-0"	5'-0"	7'-2"	23'-1 1/2"
13	370+19.31	1	31.46	I	5'-3"	4'-0"	2'-0"	0'-0"	28'-3 1/2"
13	370+19.55	1	31.46	I	5'-3"	4'-0"	2'-0"	0'-0"	28'-3 1/2"
14	371+18.83	1	24.47	IV	-	-	-	1'-0"	4'-9 1/2"
14	371+19.07	1	31.17	I	5'-3"	1'-0"	4'-6"	6'-1 1/2"	22'-8 1/2"
14	371+19.31	1	31.16	I	5'-3"	2'-0"	3'-3"	6'-1 1/2"	22'-8 1/2"
14	371+19.55	1	31.16	I	5'-3"	2'-0"	3'-3"	6'-1 1/2"	22'-8 1/2"
14	371+19.79	1	31.17	I	5'-3"	1'-0"	4'-6"	6'-1 1/2"	22'-8 1/2"
14	371+20.03	1	24.47	IV	-	-	-	1'-0"	4'-9 1/2"

Pier No.	Location	Frame No.	Elevation	Detail Type	Downspout Data				Length along 66" C.I. Pipe
					A	B	C	D	
15	371+72.50	2	22.07	II	-	-	-	-	4'-8"
15	371+72.74	1	22.17	II	-	-	-	-	4'-10"
15	371+72.98	1	22.17	II	-	-	-	-	4'-10"
15	371+73.22	2	22.07	II	-	-	-	-	4'-8"
15	371+73.46	1	30.89	II	-	-	-	-	13'-1 1/2"
15	371+73.70	1	30.71	II	-	-	-	-	12'-4 1/2"
15	371+73.94	1	30.71	II	-	-	-	-	12'-4 1/2"
15	371+74.18	2	30.89	II	-	-	-	-	13'-1 1/2"

GENERAL NOTES:
 1. All frames are Mod. Type 4.
 2. Frames are to be cast in place concrete.
 3. Frames are to be cast in place concrete.
 4. Frames are to be cast in place concrete.
 5. Frames are to be cast in place concrete.
 6. Frames are to be cast in place concrete.
 7. Frames are to be cast in place concrete.
 8. Frames are to be cast in place concrete.
 9. Frames are to be cast in place concrete.
 10. Frames are to be cast in place concrete.

DATE	BY	DESCRIPTION

DEPARTMENT OF HIGHWAYS
 ILLINOIS
 WILLIAM N. KRICKSON, ILLINOIS STATE ENGINEER
 GEORGE A. QUINLAN, ILLINOIS STATE ENGINEER

KEY LOCATION OF INLETS & DOWNSPOUTS
 CONGRESS STREET SUPERHIGHWAY
 DES PLAINES STREET TO CANAL STREET

PREPARED BY J.C. & E. CONSULTING ENGINEERS, INC.
 1400 N. WILSON ST., CHICAGO, ILL. 60642
 DATE: 12/15/62
 DRAWING NO.: 62-108-108
 SHEET NO.: 108 OF 194
 PROJECT: ILLINOIS FEDERAL AID PROJECT

0160461-60X78-5253-EXT.dgn

PARSONS BRINCKERHOFF

USER NAME = pateld	DESIGNED -	REVISED -
PLOT SCALE = N.T.S.	CHECKED -	REVISED -
PLOT DATE = 3/23/2016	DRAWN - DCP	REVISED -
	CHECKED - JIG	REVISED -

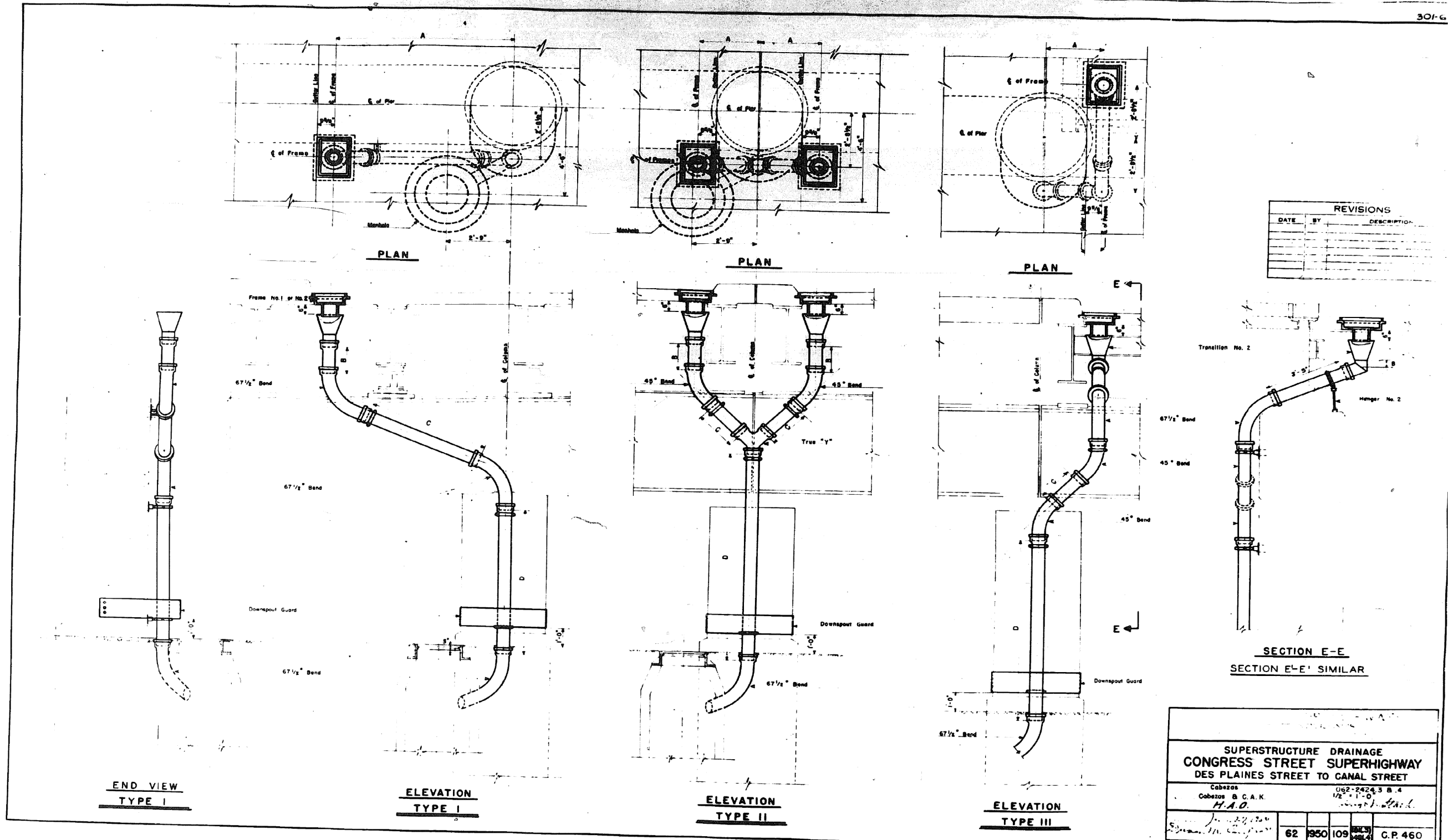
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EXISTING PLANS
 STRUCTURE NO. 016-0461
 SHEET NO. 108 OF 194 SHEETS

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-004 R&B (WB)	COOK	706	530
CONTRACT NO. 60X78			ILLINOIS FED. AID PROJECT	

FOR INFORMATION ONLY

301-G



REVISIONS		
DATE	BY	DESCRIPTION

SUPERSTRUCTURE DRAINAGE
CONGRESS STREET SUPERHIGHWAY
DES PLAINES STREET TO CANAL STREET

Cabezas
 Cabezas & C.A.K.
 H.A.O.

062-2426.3 B.4
 1/2" = 1'-0"
 3/23/2016

62	950	109	100%	G.P. 460
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0160461-60X78-5254-EXT.dgn

PARSONS BRINCKERHOFF

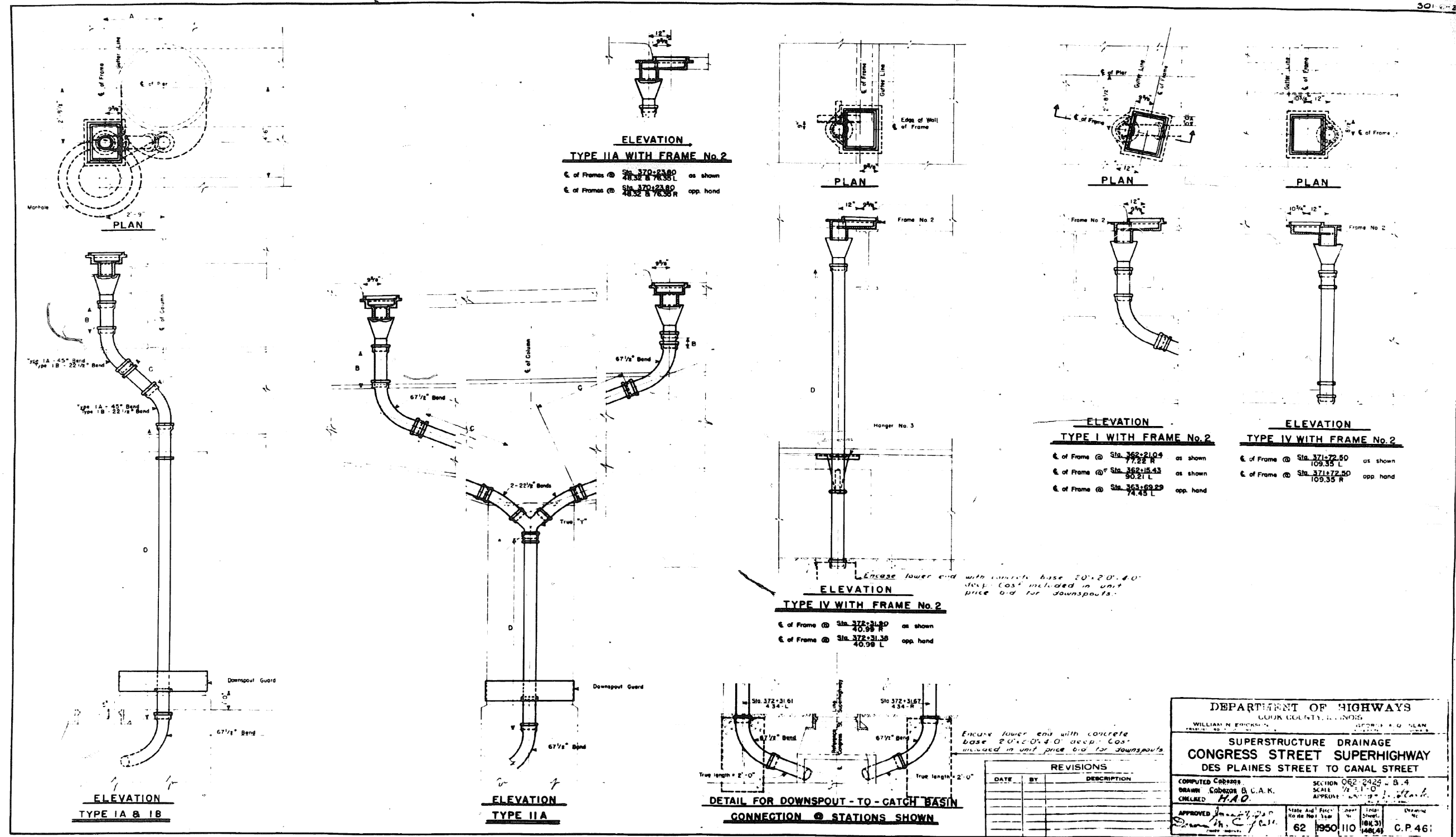
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PLOT SCALE = N.T.S.	CHECKED -	REVISED -
PLOT DATE = 3/23/2016	DRAWN - DCP	REVISED -
	CHECKED - JIG	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS
STRUCTURE NO. 016-0461
 SHEET NO. 109 OF 194 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-004 R&B (WB)	COOK	706	531
CONTRACT NO. 60X78				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY



DEPARTMENT OF HIGHWAYS
 COOK COUNTY, ILLINOIS

WILLIAM N. ECKHART
 GEORGE A. GILMAN

SUPERSTRUCTURE DRAINAGE
CONGRESS STREET SUPERHIGHWAY
DES PLAINES STREET TO CANAL STREET

COMPUTED COBARRAS
 DRAWN COBARRAS & C.A.K.
 CHECKED H.A.O.

SECTION 062-2425 - B.4
 SCALE 1/2" = 1'-0"
 APPROVED [Signature]

APPROVED [Signature]
 State Aid Recd. No. 62-110
 Date 6/2/50

Sheet No. 110 of 149
 Drawing No. C.P. 461

0160461-60X78-5285-EXT.dgn

PARSONS BRINCKERHOFF

USER NAME = pateld	DESIGNED -	REVISED -
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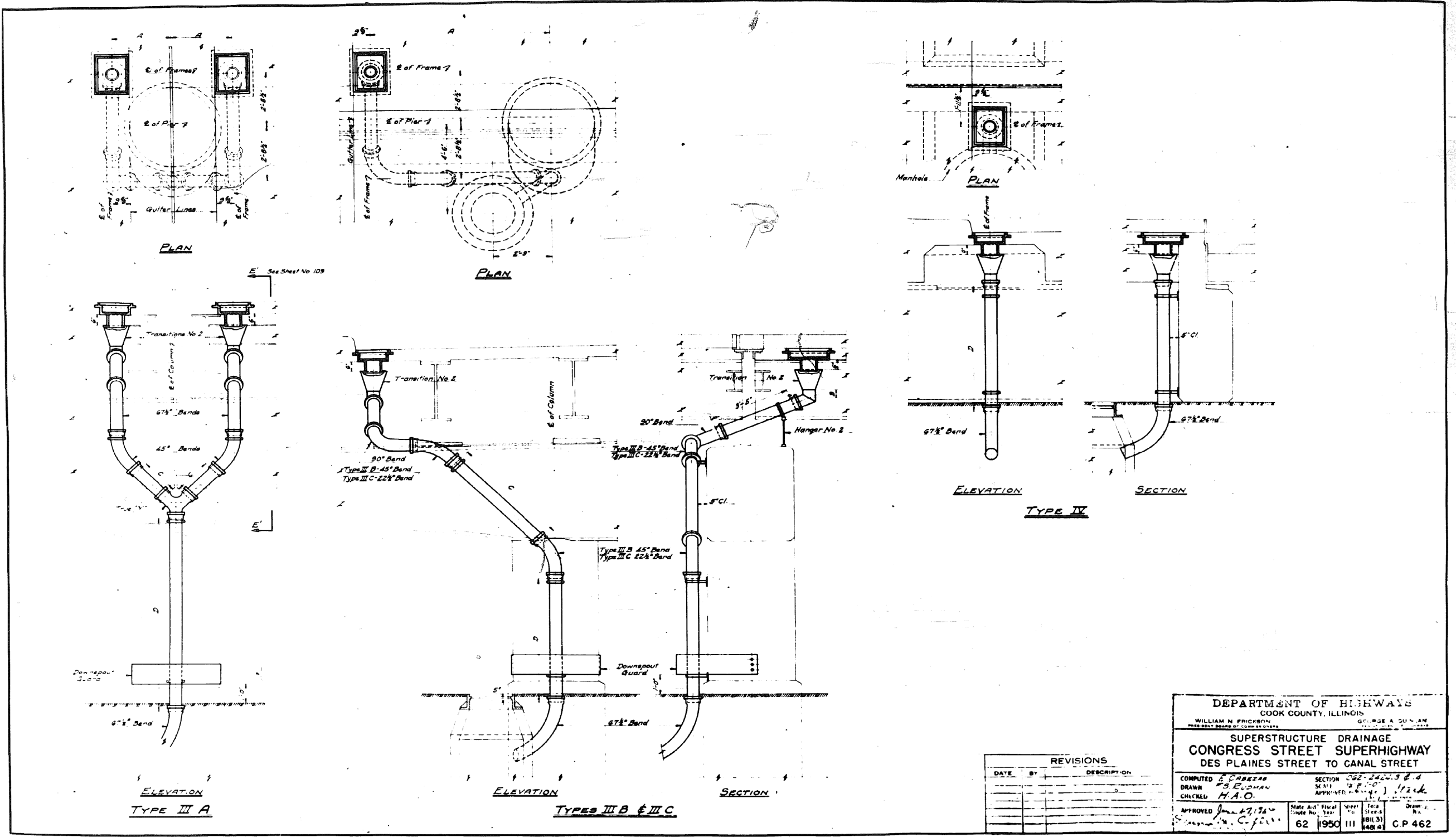
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EXISTING PLANS
 STRUCTURE NO. 016-0461
 SHEET NO. 110 OF 194 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-004 R&B (WB)	COOK	706	532
CONTRACT NO. 60X78				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY

301-6-3



REVISIONS		
DATE	BY	DESCRIPTION

DEPARTMENT OF HIGHWAYS
COOK COUNTY, ILLINOIS

WILLIAM N. FRICKSON
PRESIDENT BOARD OF COUNTY COMMISSIONERS

GEORGE A. GUNLAK
COMMISSIONER

SUPERSTRUCTURE DRAINAGE
CONGRESS STREET SUPERHIGHWAY
DES PLAINES STREET TO CANAL STREET

COMPUTED *E. CABEZAS* SECTION 062-242.3 B-4
DRAWN *F.S. ELDMAN* SCALE 1/2" = 1'-0"
CHECKED *H.A.O.* APPROVED *[Signature]*

APPROVED *[Signature]* State Aid Fiscal Year 62 1950 III 111 Total Sheets 706 (BIL 3) 462.48 Drawn No. C.P. 462

0160461-60X78-5256-EXT.dgn

PARSONS BRINCKERHOFF

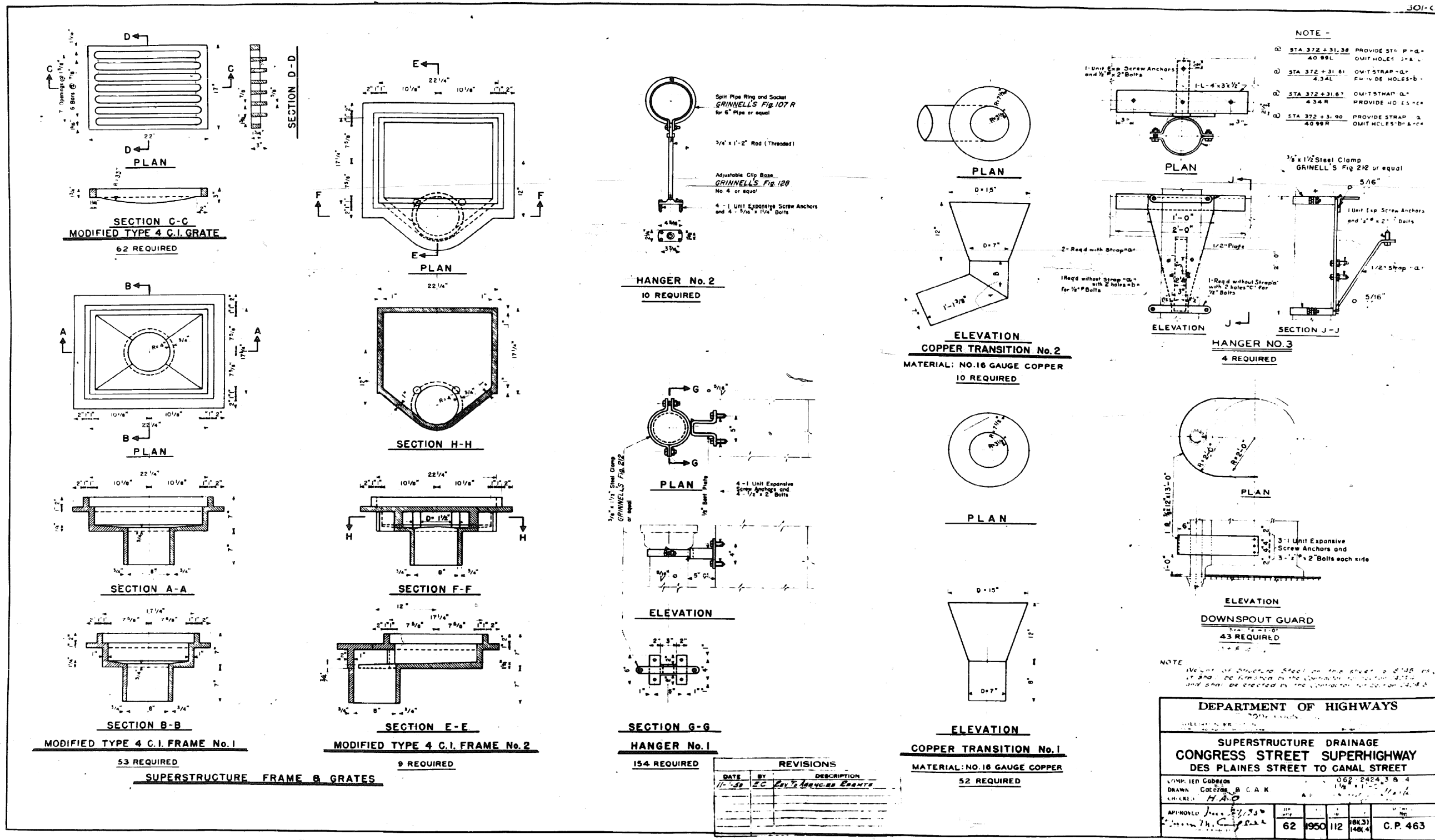
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PLOT SCALE = N.T.S.	CHECKED -	REVISED -
PLOT DATE = 3/23/2016	DRAWN - DCP	REVISED -
	CHECKED - JIG	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS
STRUCTURE NO. 016-0461
SHEET NO. 111 OF 194 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-004 R&B (WB)	COOK	706	533
CONTRACT NO. 60X78				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY



0160461-60X78-5257-EXT.dgn

PARSONS BRINCKERHOFF

USER NAME = pateld	DESIGNED -	REVISED -
PLOT SCALE = N.T.S.	CHECKED -	REVISED -
PLOT DATE = 3/23/2016	DRAWN - DCP	REVISED -
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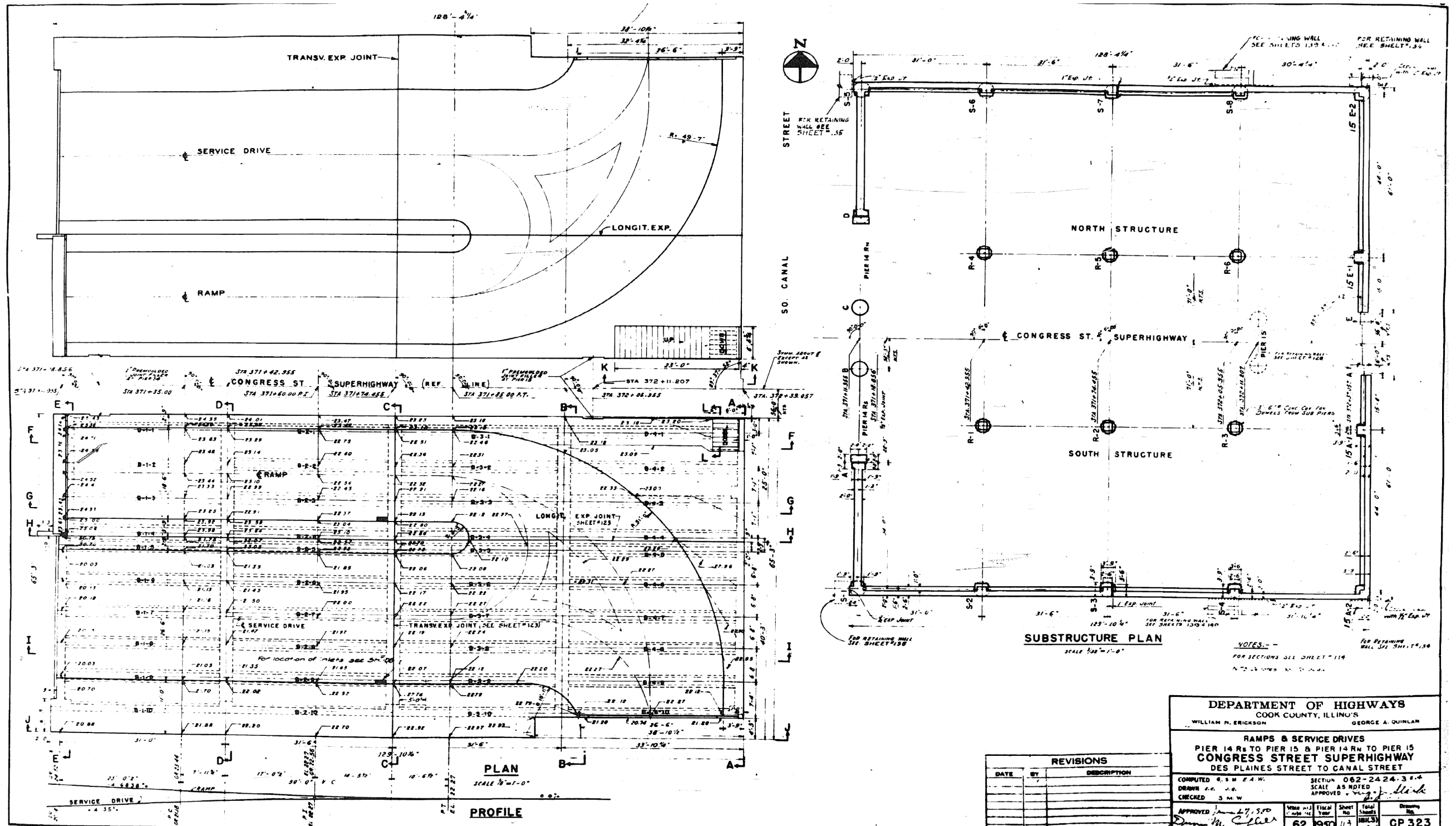
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EXISTING PLANS
 STRUCTURE NO. 016-0461

SHEET NO. 112 OF 194 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-004 R&B (WB)	COOK	706	534
CONTRACT NO. 60X78				

FOR INFORMATION ONLY



0160461-60X78-5258-EXT.dgn

PARSONS BRINCKERHOFF

USER NAME = pateld	DESIGNED -	REVISED -
PLOT SCALE = N.T.S.	CHECKED -	REVISED -
PLOT DATE = 3/23/2016	DRAWN - DCP	REVISED -
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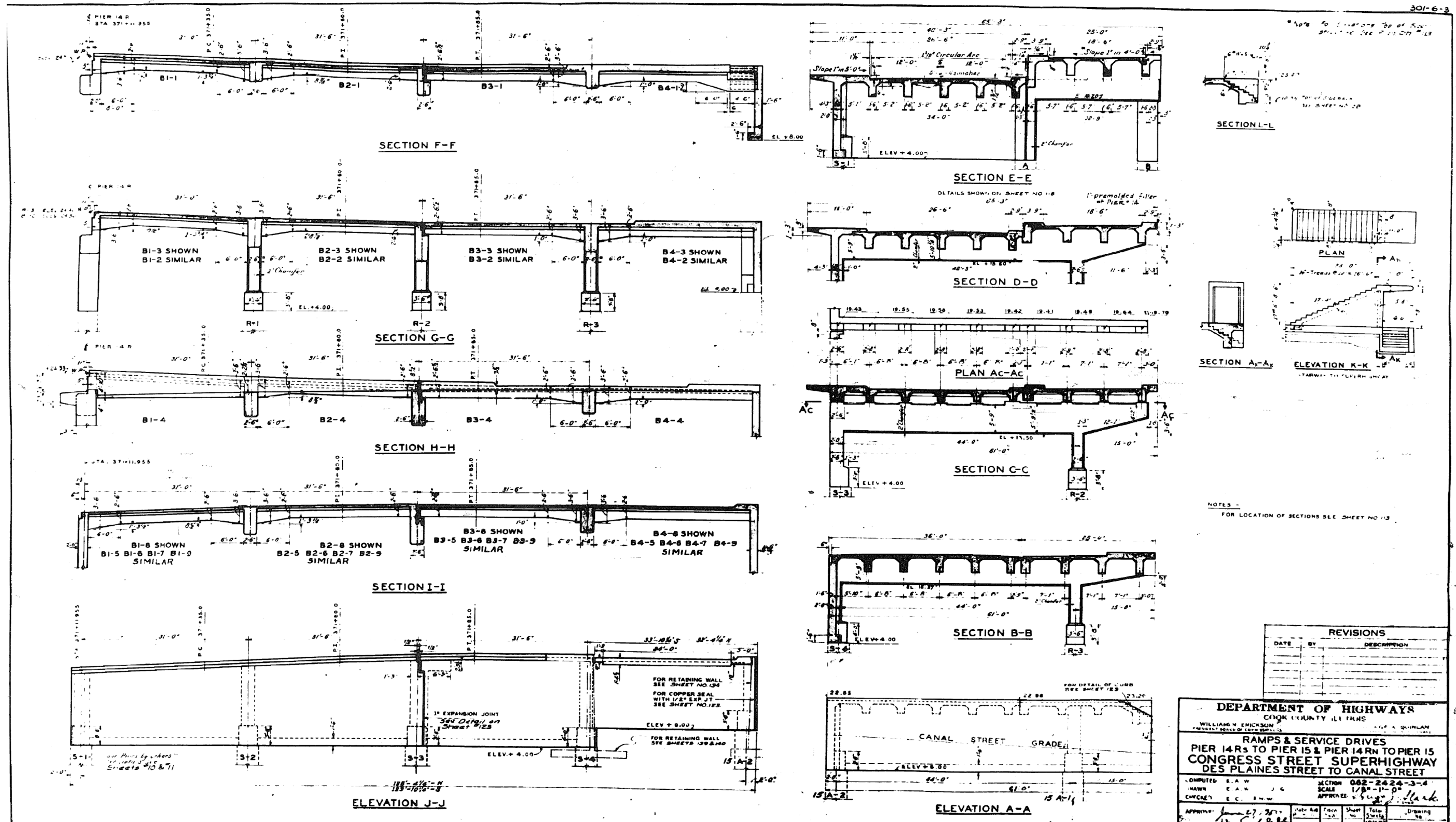
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS
STRUCTURE NO. 016-0461

SHEET NO. 113 OF 194 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-004 R&B (WB)	COOK	706	535
CONTRACT NO. 60X78				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY



REVISIONS		
DATE	BY	DESCRIPTION

DEPARTMENT OF HIGHWAYS COOK COUNTY ILLINOIS WILLIAM W. EMICKSON COUNTY BOARD OF SUPERVISORS WILLIAM W. EMICKSON COUNTY BOARD OF SUPERVISORS	
RAMPS & SERVICE DRIVES PIER 14 RS TO PIER 15 & PIER 14 RN TO PIER 15 CONGRESS STREET SUPERHIGHWAY DES PLAINES STREET TO CANAL STREET	
COMPUTED BY: S.A.W. DRAWN BY: E.A.H. CHECKED BY: E.C. B.W.	SECTION: 062-2424-3-4 SCALE: 1/8"=1'-0" APPROVED BY: [Signature] DATE: 6/27/2011
APPROVED BY: [Signature] DATE: 6/27/2011	SHEET NO.: 114 TOTAL SHEETS: 194 CONTRACT NO.: CP324

0160461-60X78-5259-EXT.dgn

PARSONS BRINCKERHOFF

USER NAME = pateld	DESIGNED -	REVISED -
PLOT SCALE = N.T.S.	CHECKED -	REVISED -
PLOT DATE = 3/23/2016	DRAWN - DCP	REVISED -
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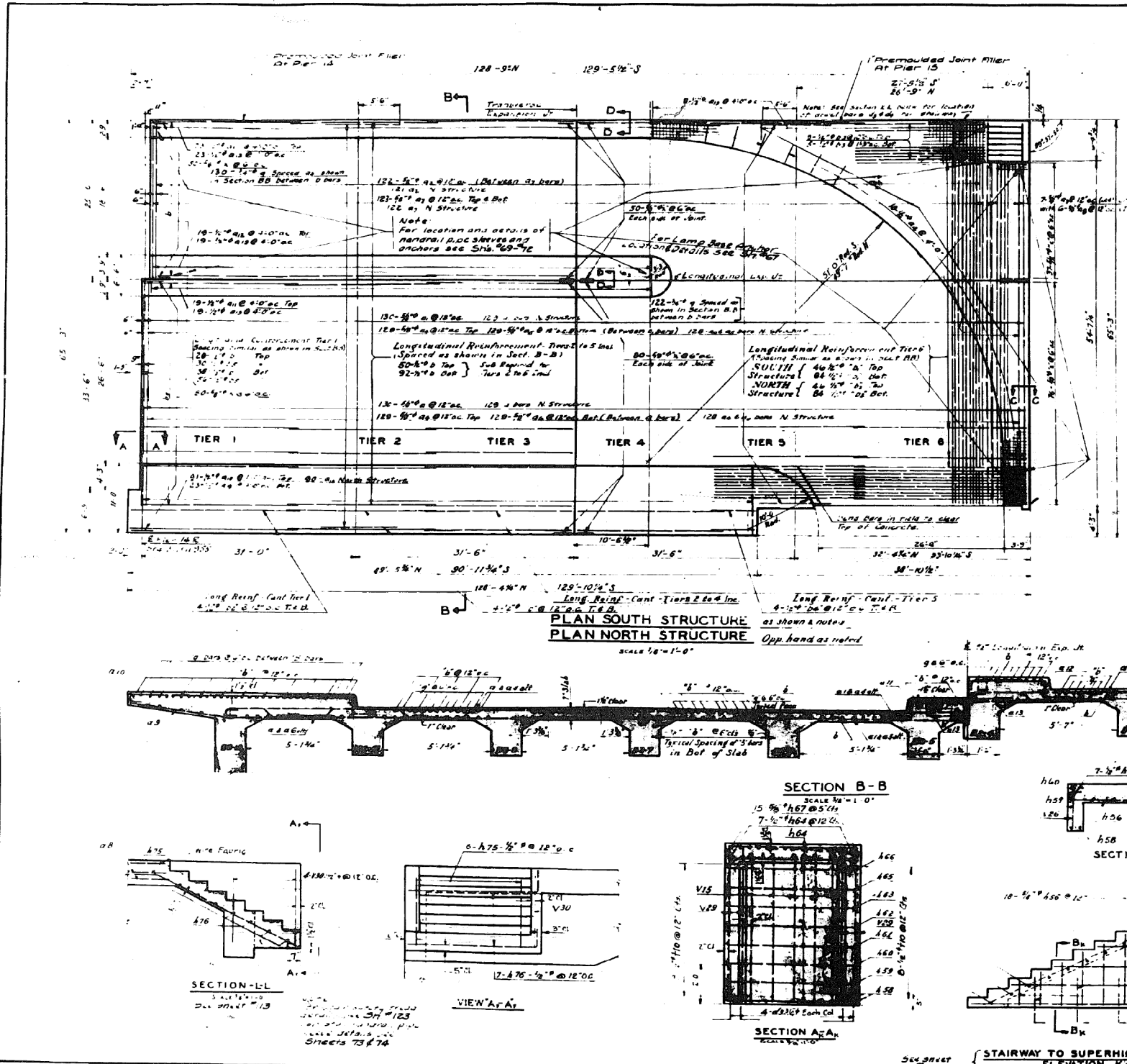
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS
STRUCTURE NO. 016-0461
SHEET NO. 114 OF 194 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-004 R&B (WB)	COOK	706	536
CONTRACT NO. 60X78				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY

301-6



SLAB REINFORCEMENT SCHEDULE

MARK	NO	SIZE	LENGTH	SKETCH	TYPE	A	B	C	D	DI	L2	E	E1	F	G	H	J	Q2
#1	120	1/2"	17'-0"		1	G	1'-0"	2'-4"	2'-0"	2'-0"	3'-4"	3'-4"	1'-0"				4'-0"	4'-0"
#2	120	1/2"	17'-0"		1	G	1'-0"	2'-4"	2'-0"	2'-0"	3'-4"	3'-4"	1'-0"				4'-0"	4'-0"
#3	14	1/2"	10'-0"		1	G	2'-5"	2'-8"	2'-8"	2'-8"	1'-9"	3'-7"	3'-7"				4'-0"	4'-0"
#4	214	1/2"	17'-0"		2	G	10'-9"										4'-0"	4'-0"
#5	187	1/2"	17'-0"		2	G	10'-9"										4'-0"	4'-0"
#6	187	1/2"	17'-0"		2	G	10'-9"										4'-0"	4'-0"
#7	490	3/4"	16'-0"		2	G	20'-0"										4'-0"	4'-0"
#8	24	1/2"	16'-0"		2	G	10'-9"										4'-0"	4'-0"
#9	46	1/2"	4'-0"		3	G	10'-7"	10'	1'-1"								4'-0"	4'-0"
#10	181	1/2"	13'-0"		3	G	2'-8"	10'	1'-0"								4'-0"	4'-0"
#11	84	1/2"	4'-0"		3	G	2'-8"	10'	1'-0"								4'-0"	4'-0"
#12	76	1/2"	5'-0"		3	G	3'-2"	10'	1'-0"								4'-0"	4'-0"
#13	158	1/2"	5'-0"		4	G	2'-4"	10'	1'-0"								4'-0"	4'-0"
X	1000	1/2"	4'-0"		2	T	5'-8"										4'-0"	4'-0"
b	1264	1/2"	22'-0"		2	T	5'-8"										4'-0"	4'-0"
b1	120	1/2"	28'-3"															
b2	146	1/2"	24'-3"															
b3	20	1/2"	10'-0"															
b4	16	1/2"	6'-6"															
b5	172	1/2"	22'-0"															
b6	12	1/2"	3'-0"		3	G	2'-8"	1'-3"										
b7	24	1/2"	5'-0"		4	G	1'-0"	5'-6"										
b8	8	1/2"	3'-0"		4	G	2'-9"	1'-0"										
b9	18	1/2"	2'-0"		4	G	2'-0"	6'-9"										
b	20	1/2"	11'-0"															

The indicated reinforcement placed 1/8" clear below top of concrete slab...
 Note: The weight of the reinforcement bars in the above schedule is included on Sheet No. 122.

REVISIONS

NO.	DATE	BY	DESCRIPTION
1			
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DEPARTMENT OF HIGHWAYS
 COOK COUNTY, ILLINOIS

WILLIAM H. ERICKSON
 GEORGE A. QUINLAN

RAMP & SERVICE DRIVES
 PIER 14 RAMP TO PIER 15 & PIER 14 RAMP TO PIER 15
CONGRESS STREET SUPERHIGHWAY
 DES PLAINES STREET TO CANAL STREET

COMPUTED E.A.W.
 DRAWN E.A.W.
 CHECKED S.M.H.

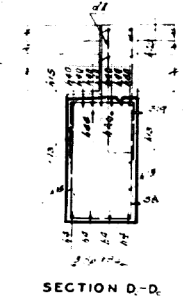
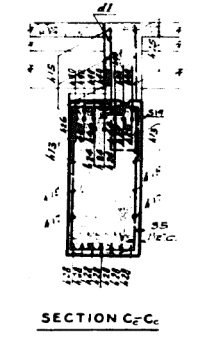
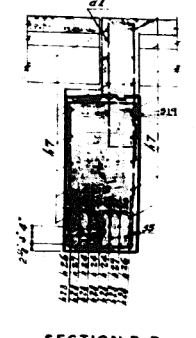
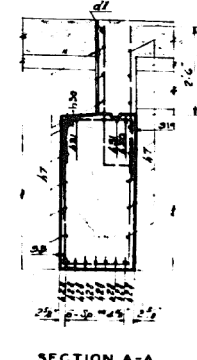
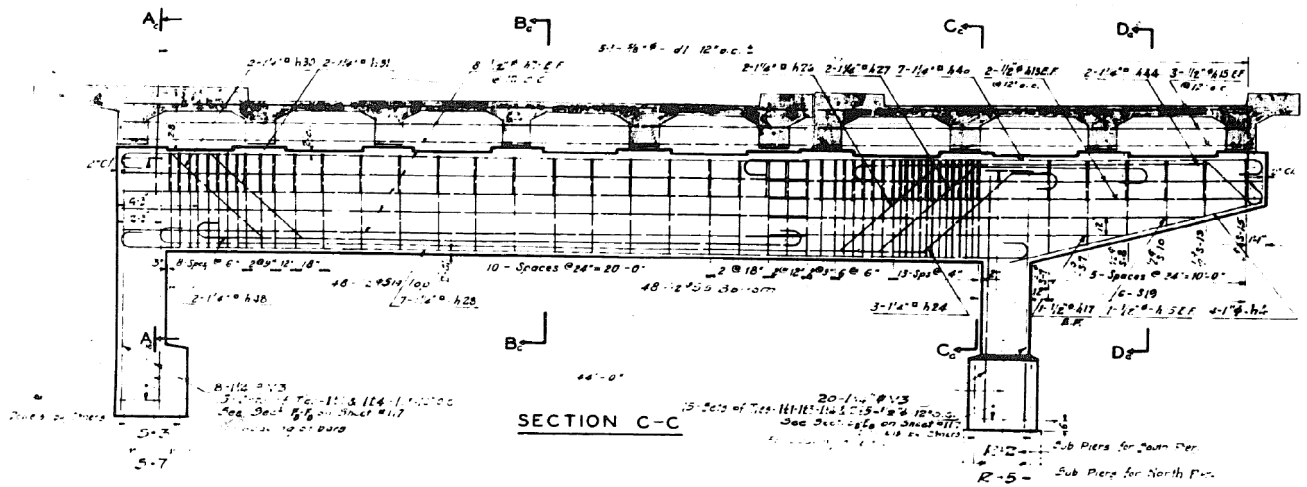
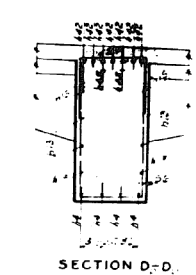
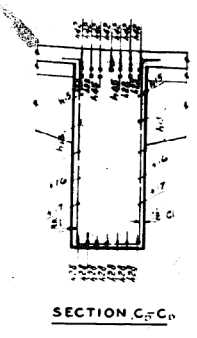
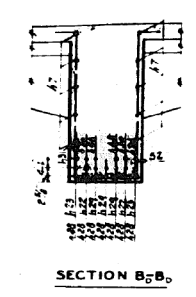
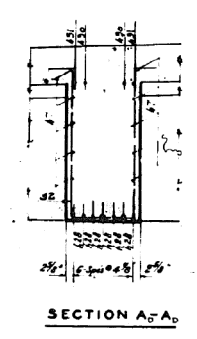
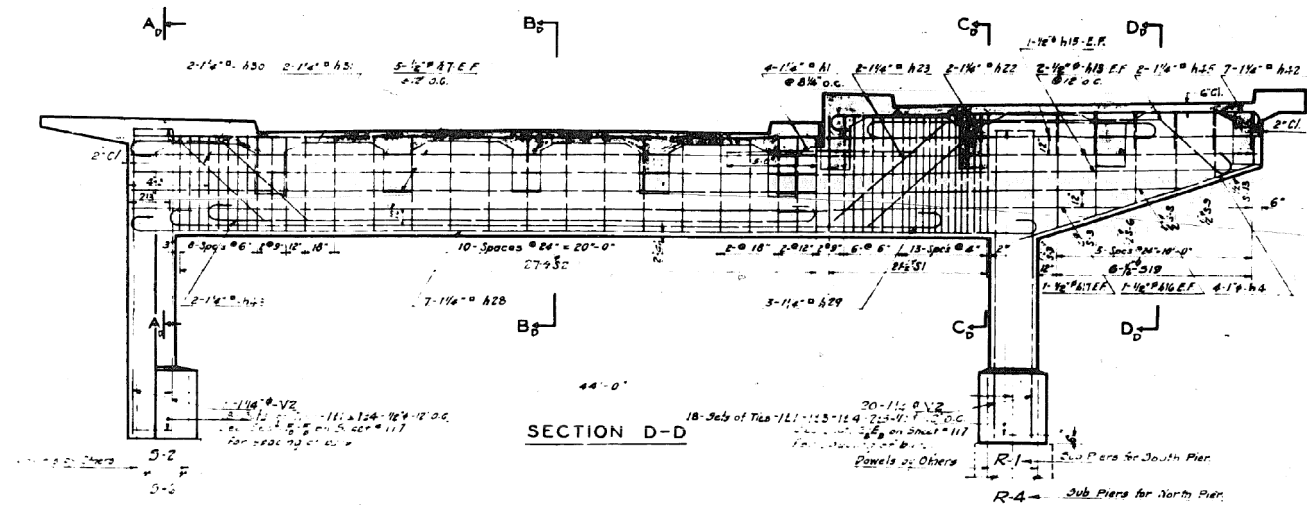
SECTION 082-2424-3A
 SCALE AS SHOWN
 APPROVED S.M.H.

APPROVED June 27, 1930
 Dr. C. F. ...

62 1930 115 (BIL) 115 CP 325

FOR INFORMATION ONLY

3016-3



NOTE - SOUTH STRUCTURE SHOWN. NORTH STRUCTURE SIMILAR BUT SEE DRAWING FOR LOCATION. SECTION D-D UNREINFORCED FOR REINFORCEMENT SCHEDULE SEE SHEET 117. SPLICING OF BARS TO BE 33 DIA MIN LAP.

DEPARTMENT OF HIGHWAYS
 COOK COUNTY ILLINOIS
 WILLIAM N. CRICKSON
 GEORGE A. QUINLAN

RAMPS & SERVICE DRIVES
 PIER 14 RS TO PIER 15 & PIER 14RN TO PIER 15
 CONGRESS STREET SUPERHIGHWAY
 DES PLAINES STREET TO CANAL STREET

SECTION 082-2424-3-3
 SCALE 1/4"=1'-0"

COMPUTED E.A.W.
 DRAWN E.C.J.G.
 CHECKED S.M.W.

APPROVED [Signature] 3/23/16
 Chief Engineer

State Aid Route No.	Fiscal Year	Sheet No.	Total Sheets	Drawing No.
62	1950	116	181(3)	CP326

REVISIONS		
DATE	BY	DESCRIPTION

0160461-60X78-5261-EXT.dgn

PARSONS BRINCKERHOFF

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PLOT SCALE = N.T.S.	CHECKED -	REVISED -
PLOT DATE = 3/23/2016	DRAWN - DCP	REVISED -
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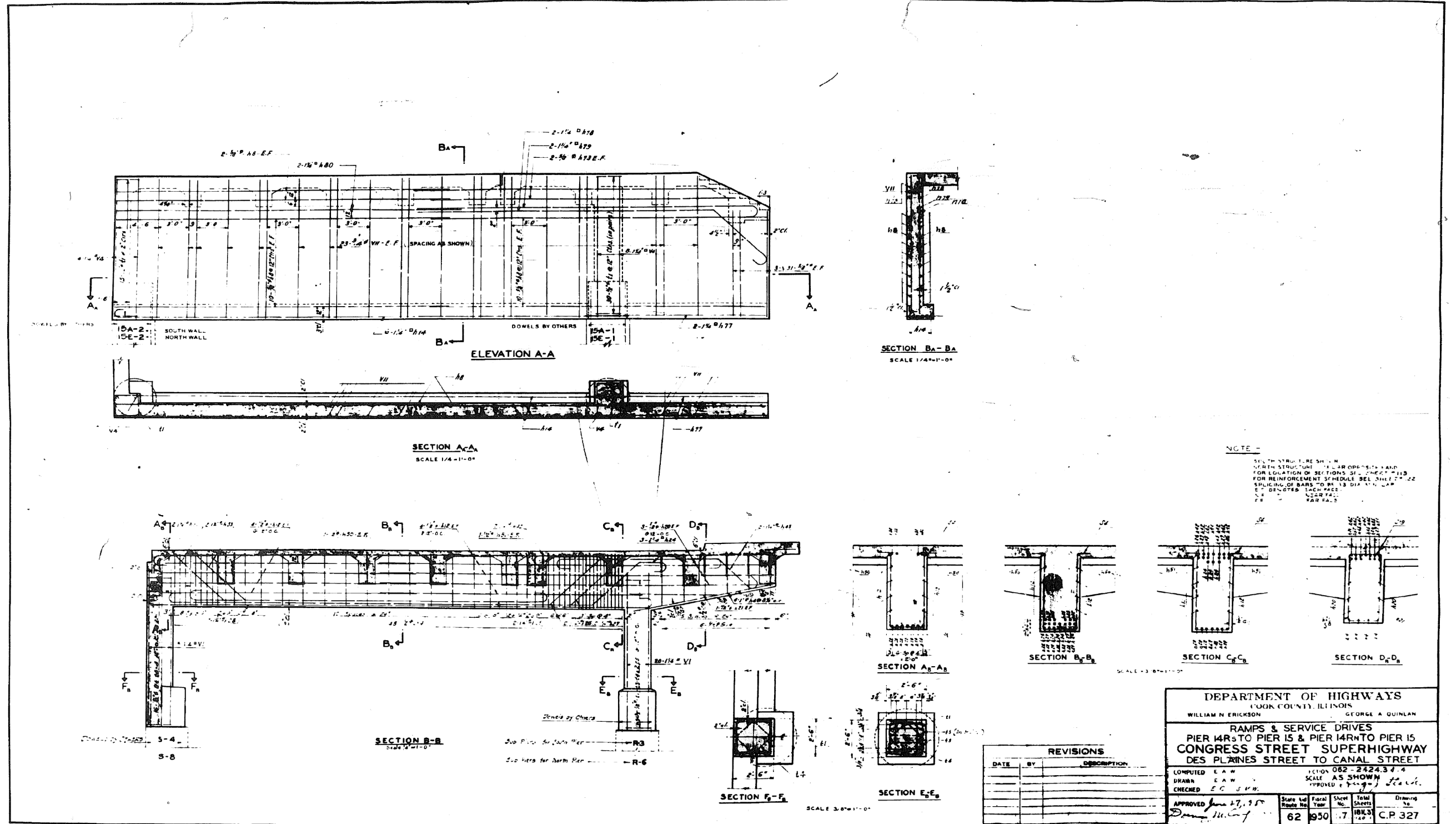
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EXISTING PLANS
 STRUCTURE NO. 016-0461
 SHEET NO. 116 OF 194 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-004 R&B (WB)	COOK	706	538
CONTRACT NO. 60X78				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY

301-G-3



0160461-60X78-5262-EXT.dgn

PARSONS BRINCKERHOFF

USER NAME = pateld	DESIGNED -	REVISED -
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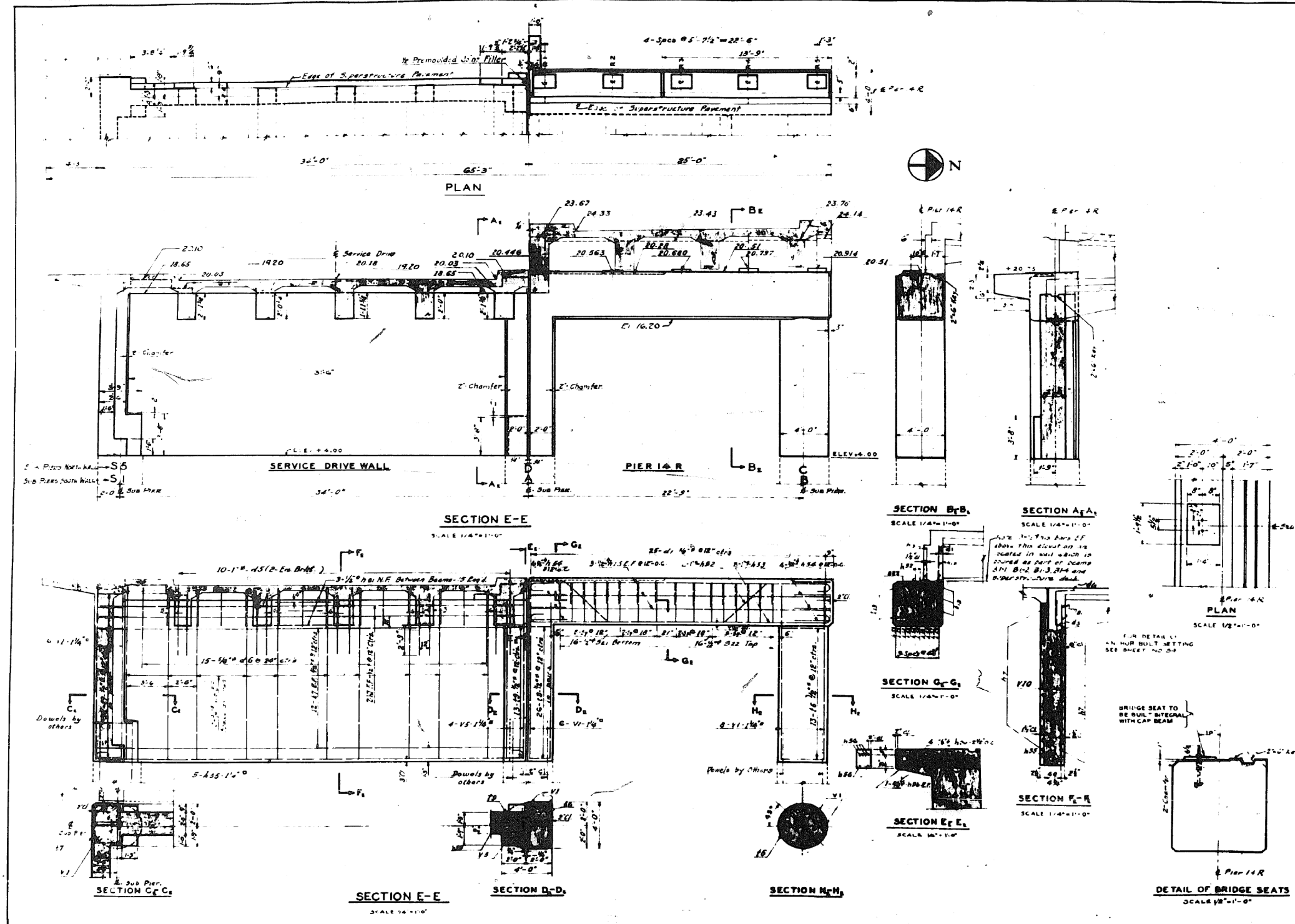
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS
STRUCTURE NO. 016-0461
SHEET NO. 117 OF 194 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-004 R&B (WB)	COOK	706	539
CONTRACT NO. 60X78				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY

301-G-3



REVISIONS		
DATE	BY	DESCRIPTION

NOTE:
 FOR LOCATION OF SECTION SEE SHEET NO. 3
 FOR REINFORCEMENT SCHEDULE SEE SHEET NO. 2
 SOUTH STRUCTURE SHOWN.
 NORTH STRUCTURE SIMILAR OPP. HAND
 SPACING OF BARS TO BE 33 DIA. MIN LAP

WILLIAM N. ERICKSON		GEORGE A. QUINLAN	
RAMPS & SERVICE DRIVES PIER 14R TO PIER 15 & PIER 14RN TO PIER 15 CONGRESS STREET SUPERHIGHWAY DES PLANES STREET TO CANAL STREET			
COMPUTED BY: E.A.W.	DATE: 06-27-1950	PROJECT NO.: 062-2424.33.4	SCALE: AS SHOWN
DRAWN BY: J.G.	DATE: 11-15-49	PROJECT NO.: 062-2424.33.4	SCALE: AS SHOWN
CHECKED BY: J.M.W.	DATE: 11-15-49	PROJECT NO.: 062-2424.33.4	SCALE: AS SHOWN
APPROVED: <i>[Signature]</i>	DATE: 11-15-49	PROJECT NO.: 062-2424.33.4	SCALE: AS SHOWN
62	1950	118	CP328

0160461-60X78-5263-EXT.dgn

**PARSONS
BRINCKERHOFF**

USER NAME = pateld	DESIGNED -	REVISED -
PLOT SCALE = N.T.S.	CHECKED -	REVISED -
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	CHECKED - JIG	REVISED -

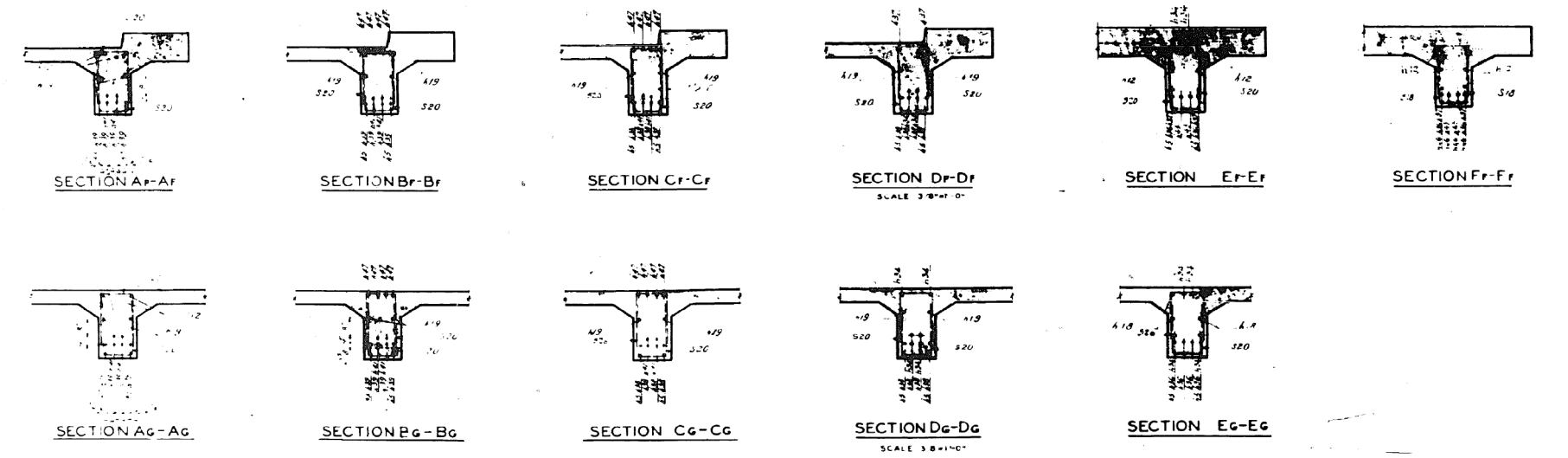
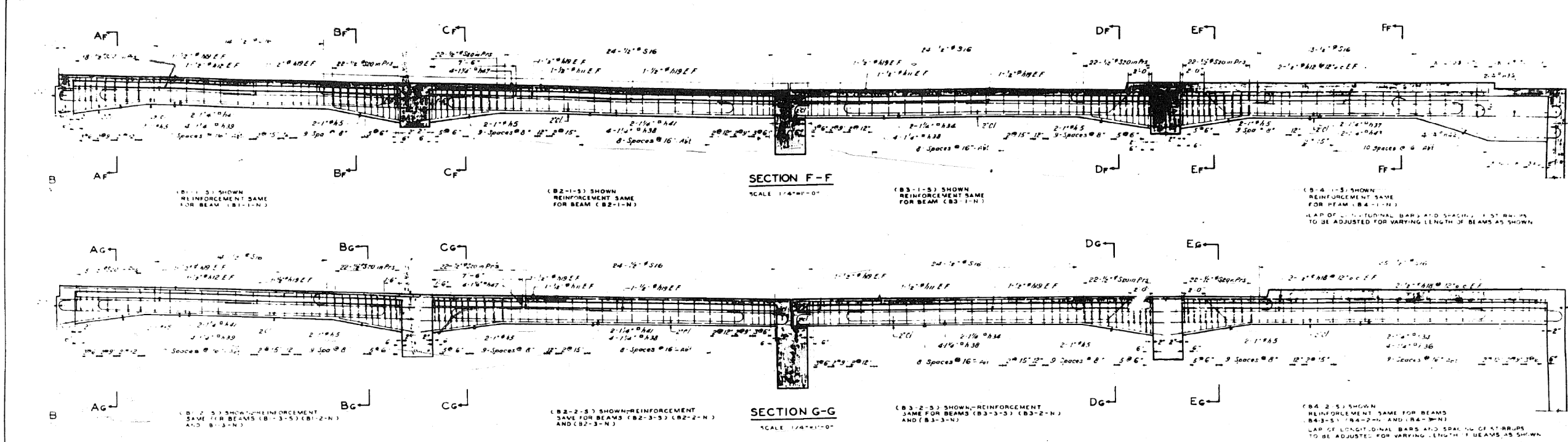
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING PLANS
STRUCTURE NO. 016-0461**

SHEET NO. 118 OF 194 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-004 R&B (WB)	COOK	706	540
CONTRACT NO. 60X78				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY



NOTE:
 SEE SHEET NO. 113 FOR REINFORCEMENT DETAILS FOR BEAM (B4-1-N) AND SHEET NO. 115 FOR REINFORCEMENT DETAILS FOR BEAM (B4-2-N) AND SHEET NO. 122 FOR REINFORCEMENT DETAILS FOR BEAM (B4-3-N).
 SPACING OF BARS TO BE 33 DIA MIN. LAP

REVISIONS		
DATE	BY	DESCRIPTION

DEPARTMENT OF HIGHWAYS
 COOK COUNTY ILLINOIS
 WILLIAM N. ERICKSON
 GEORGE A. CULINAN

RAMPS & SERVICE DRIVES
 PIER 14 R. TO PIER 15 & PIER 14 R. TO PIER 15
 CONGRESS STREET SUPERHIGHWAY
 DES PLAINES STREET TO CANAL STREET

SECTION 062-2424-354
 DRAWN BY: [Name]
 APPR. BY: [Name]

APPROVED: [Signature]
 State Aid Route No. 62
 Fiscal Year 1950
 State No. 19
 Job No. (B)(3) CP344

0160461-60X78-5264-EXT.dgn

PARSONS BRINCKERHOFF

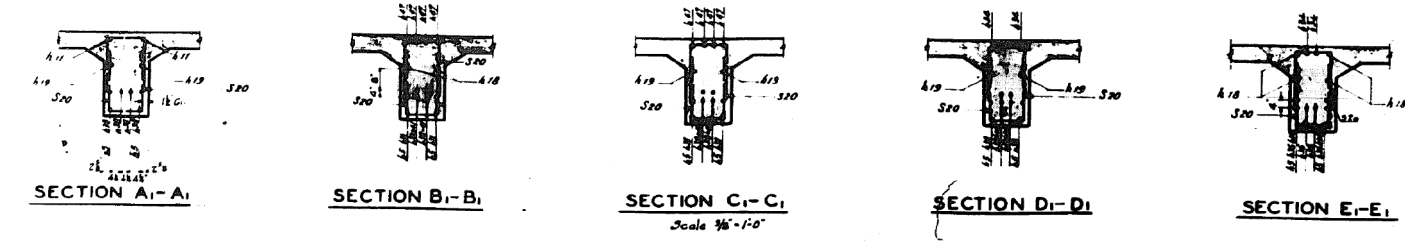
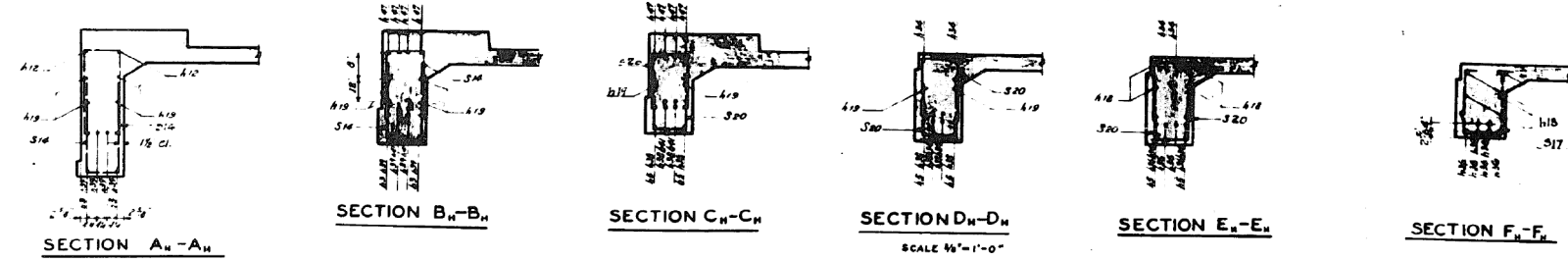
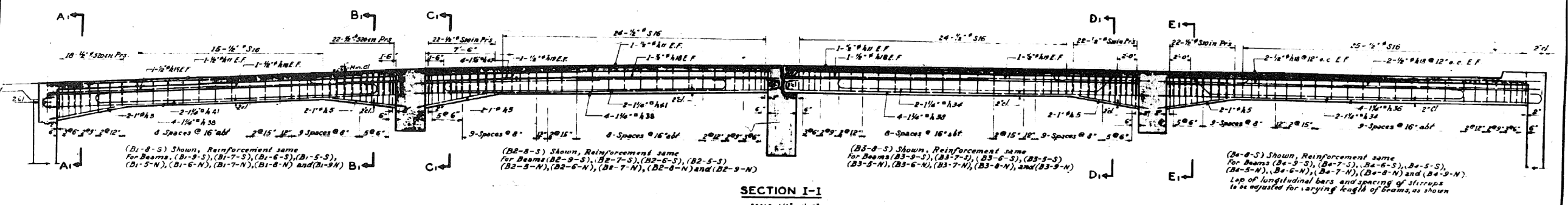
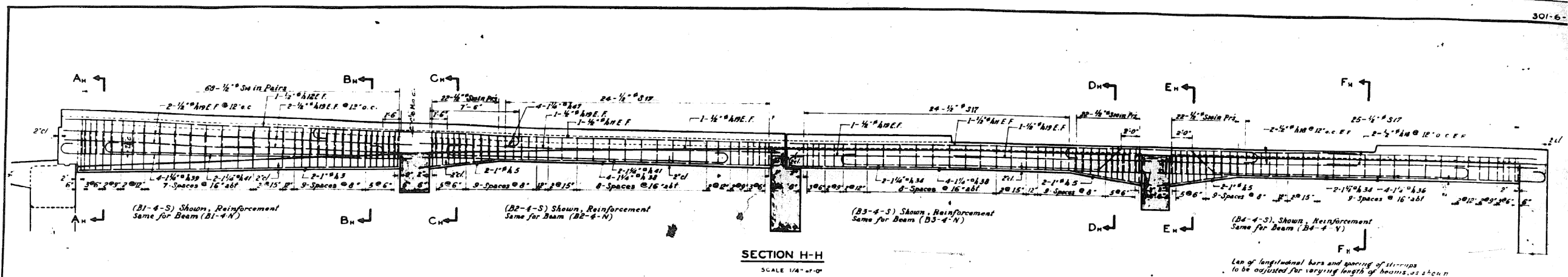
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PLOT DATE = 3/23/2016	DRAWN - DCP	REVISED -
	CHECKED - JIG	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EXISTING PLANS
 STRUCTURE NO. 016-0461
 SHEET NO. 119 OF 194 SHEETS

F.A.I. RTE. 90/94/290	SECTION 2014-004 R&B (WB)	COUNTY COOK	TOTAL SHEETS 706	SHEET NO. 541
			CONTRACT NO. 60X78	
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY



NOTE:
See Sheet No 113 for location of sections
For Reinforcement Schedule See Sheet No 122
Splicing of bars to be 33 Dia. Min Lap

REVISIONS		
DATE	BY	DESCRIPTION

DEPARTMENT OF HIGHWAYS COOK COUNTY, ILLINOIS	
WILLIAM N. ERICKSON	GEORGE A. QUINLAN
RAMPS & SERVICE DRIVES PIER 14R S TO PIER 15 & PIER 14RN TO PIER 15 CONGRESS STREET SUPERHIGHWAY DES PLAINES STREET TO CANAL STREET	
COMPUTED T.A.W.	SECTION C.62-2424.35.4
DRAWN D.J.G.	SCALE AS SHOWN
CHECKED J.W.H.	APPROVED 4/1/50
APPROVED <i>[Signature]</i>	State Aid Route No. 62
	Fiscal Year 1950
	Sheet No 120
	Total Sheets 158/158
	Drawing No. CP345

0160461-60X78-5265-EXT.dgn

PARSONS BRINCKERHOFF

USER NAME = pateld	DESIGNED -	REVISED -
PLOT SCALE = N.T.S.	CHECKED -	REVISED -
PLOT DATE = 3/23/2016	DRAWN - DCP	REVISED -
	CHECKED - JIG	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

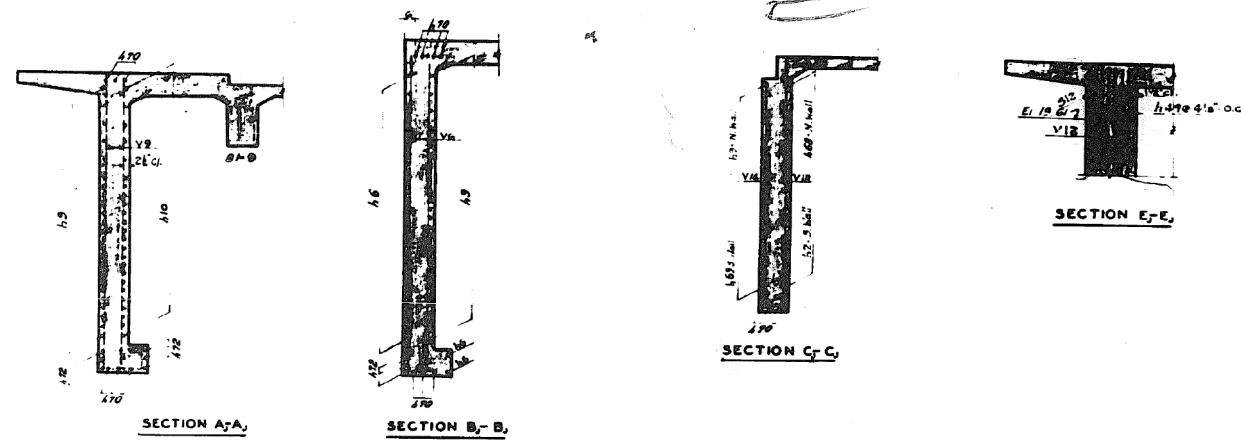
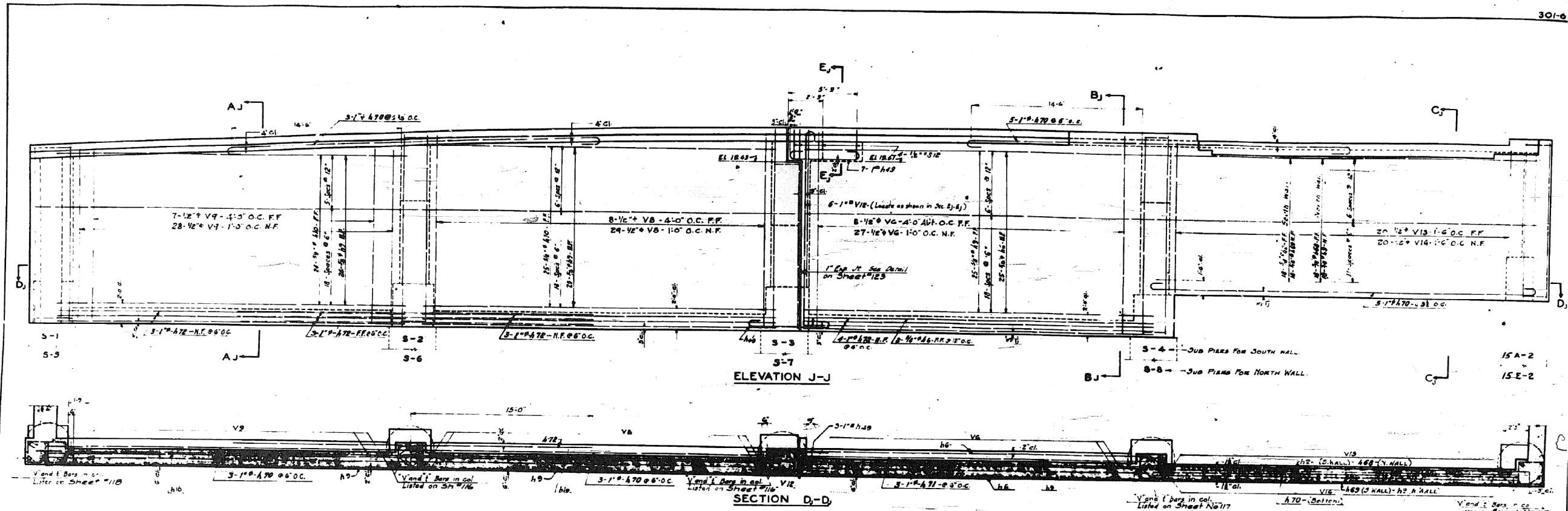
EXISTING PLANS
STRUCTURE NO. 016-0461

SHEET NO. 120 OF 194 SHEETS

F.A.I. RTE. 90/94/290	SECTION 2014-004 R&B (WB)	COUNTY COOK	TOTAL SHEETS 706	SHEET NO. 542
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X78	

FOR INFORMATION ONLY

301-6



NOTE -
 South Wall shown, North Wall opposite and similar except as noted.
 Splicing of Bars to be 33 Dia. Min. App.
 For location of Section see Bridge No. 113

DEPARTMENT OF HIGHWAYS COOK COUNTY, ILLINOIS WILLIAM W. ERICKSON GEORGE A. QUINLAN	
RAMP & SERVICE DRIVES PIER 14R-S TO PIER 15 & PIER 14R-N TO PIER 15 CONGRESS STREET SUPERHIGHWAY DES PLAINES STREET TO CANAL STREET	
COMPUTED E.A.W. DRAWN E.C. CHECKED S.W.W.	SECTION 062-2424.3 & 4 SCALE 1/4" = 1'-0" APPROVED <i>[Signature]</i>
APPROVED <i>[Signature]</i>	SHEET NO. 121 TOTAL SHEETS 194 DRAWING NO. CP355

REVISIONS		
DATE	BY	DESCRIPTION

0160461-60X78-5266-EXT.dgn

FOR INFORMATION ONLY

301-6-3

REINFORCEMENT SCHEDULE

TYPE 1										TYPE 12										TYPE 3										TYPE 4										TYPE 5										TYPE 6										TYPE 7										TYPE 8										TYPE 9																													
LOCATION	MARK	NO	SIZE	LENGTH	SKETCH	TYPE	A	B	C	D	E	F	G	H	J	O	LOCATION	MARK	NO	SIZE	LENGTH	SKETCH	TYPE	A	B	C	D	E	F	G	H	J	O	LOCATION	MARK	NO	SIZE	LENGTH	SKETCH	TYPE	A	B	C	D	E	F	G	H	J	O	LOCATION	MARK	NO	SIZE	LENGTH	SKETCH	TYPE	A	B	C	D	E	F	G	H	J	O	LOCATION	MARK	NO	SIZE	LENGTH	SKETCH	TYPE	A	B	C	D	E	F	G	H	J	O																									
SECTION A-A DRWG. C.P. 327 2-REQUIRED										SECTION B-B DRWG. C.P. 327 2-REQUIRED										SECTION C-C DRWG. C.P. 326 2-REQUIRED										SECTION D-D DRWG. C.P. 326 2-REQUIRED										SECTION E-E DRWG. C.P. 326 2-REQUIRED										SECTION F-F DRWG. C.P. 344 2-REQUIRED										SECTION G-G DRWG. C.P. 344 2-REQUIRED										SECTION H-H DRWG. C.P. 344 2-REQUIRED										SECTION I-I DRWG. C.P. 345 10-REQUIRED										SECTION J-J DRWG. C.P. 345 1-REQUIRED										SECTION K-K DRWG. C.P. 326 1-REQUIRED									

Class "X" Concrete (from Sheets 113-123 inc.)
Reinforcement Bars (from Sheets listed above)

DATE	BY	DESCRIPTION
11/11/50	JMG	Bar Quantity

DEPARTMENT OF HIGHWAYS
COOK COUNTY ILLINOIS

WILLIAM M. ERICKSON
DEPARTMENT CHIEF OF CONSTRUCTION

GEORGE A. GUILIAN
DEPARTMENT CHIEF OF DESIGN

RAMPS & SERVICE DRIVES
PIER 14R3 TO PIER 15 & PIER 14R4 TO PIER 15
CONGRESS STREET SUPERHIGHWAY
DES PLAINES STREET TO CANAL STREET

COMPUTED BY E.C.
DRAWN BY E.C.
CHECKED BY J.M.W.

SELECTION 062-2424-33.4
SCALE 1/8" = 1'-0"

APPROVED BY J.M.W.
DATE 4/7/50

Sheet No. 122
Total Sheets 194
Drawing No. CP 356

0160461-60X78-5267-EXT.dgn

PARSONS BRINCKERHOFF

USER NAME = pateld
DESIGNED -
CHECKED -
DRAWN - DCP
CHECKED - JIG
PLOT SCALE = N.T.S.
PLOT DATE = 3/23/2016

DESIGNED -
CHECKED -
DRAWN - DCP
CHECKED - JIG

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

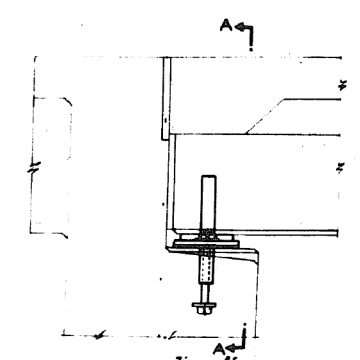
EXISTING PLANS
STRUCTURE NO. 016-0461

SHEET NO. 122 OF 194 SHEETS

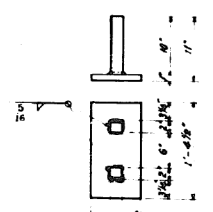
F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-004 R&B (WB)	COOK	706	544
CONTRACT NO. 60X78			ILLINOIS FED. AID PROJECT	

FOR INFORMATION ONLY

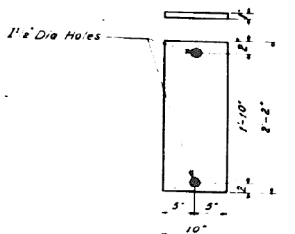
301-6-



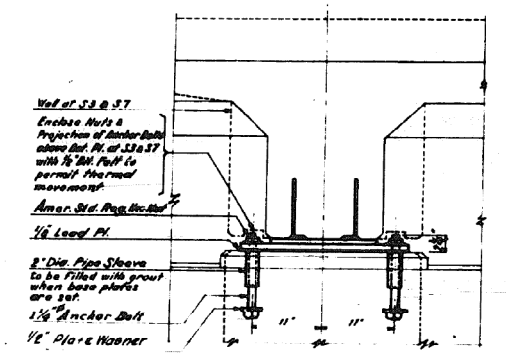
ELEVATION



TOP PLATE



BOTTOM PLATE

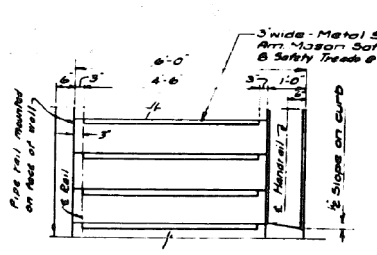


SECTION A-A

View of S.B. & S.T.
 Enclose Nuts & Projection of Anchor Bolts above Det. Pl. of S.B. & S.T. with 1/2" Dia. Nut to permit horizontal movement.
 Amer. Std. Pipe Sleeve
 1/2" Lead Pl.
 2" Dia. Pipe Sleeve to be filled with grout when base plates are set.
 1/2" Anchor Bolt
 1/2" Plate Washer

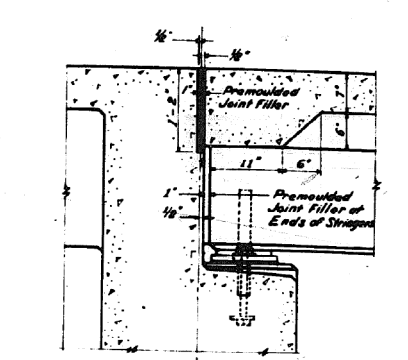
2- Straps 2" x 1/2" x 1'-0" (Bolted to Top Pl.)
 1- Top Pl. 6" x 1/2" x 1'-6"
 2- Cut washers
 1- Bot. Pl. 10 1/2" x 2'-2"
 2- Anchor Bolts 10 1/2" x 2'-0" (Bolt Details See Sh. #25)
 2- 1/2" Plate Washers 4" x 5"
 2- Pipe Sleeves 2 1/2" x 6'-0" long
 1- Lead Pl. 10 1/2" x 2'-2"
MATERIAL FOR ONE ASSEMBLY
20 REQUIRED - TOTAL WT. 3205 LBS
NOTE:-
 Estimated weights of Steel Plates, Lead Plates, Anchor Bolts and Pipe Sleeves are included in the weight of Structural Steel.
 The Expansion Assemblies will be furnished by the Contractor for Sec. 06E-4224 and erected by the Contractor for Sec. 06-2424.5.

DETAIL OF STRINGER EXPANSION BEARINGS

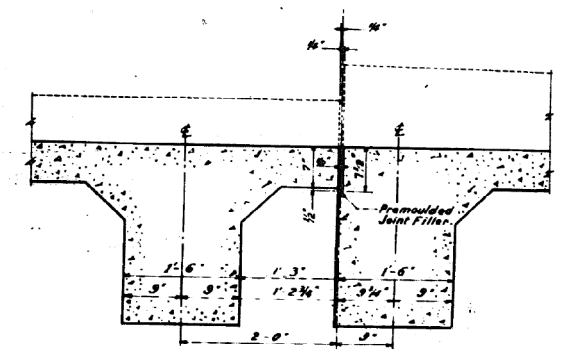


DETAIL OF LOWER STAIRWAYS
 Scale: 1/2" = 1'-0"

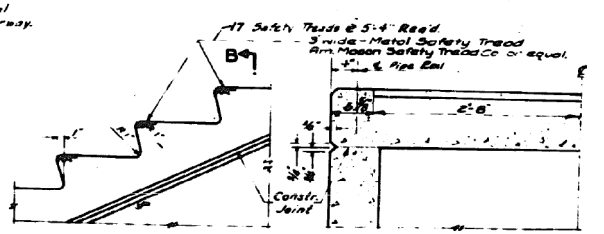
Note: Metal Safety Tread to be flush with concrete. For detail of materials and location of Pipe Sleeves see Sheet No. 69.



TRANS. EXPANSION JOINT FOR SLAB

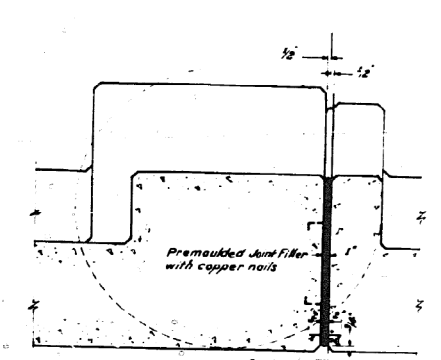


LONG. EXPANSION JOINT FOR SLAB



ELEVATION B-B

DETAIL OF STAIR SLAB TO SUPERHIGHWAY
 TREAD & RISER TYPICAL FOR CONCRETE STAIRS
 SCALE: 1" = 1'-0"



SOUTH WALL EXPANSION JOINT (AT 5-3)
 NORTH WALL EXPANSION JOINT SIMILAR (AT 5-7)

Note: Detail above is typical for all joints requiring preformed joint filler & copper seal strip.

REVISIONS		
DATE	BY	DESCRIPTION
Nov. 20, 1962	E.C.	REVISED PER COMMENTS

NOTE:-
 Copper seal shall be 16 oz. cold rolled annealed copper with outside legs perforated. Cost of copper seal, preformed joint filler, and copper nails to be included in unit price bid for Class 'X' concrete.
 Weight of Structural Steel on this sheet is 3205 lbs. It shall be furnished by Contractor for Section 2424.5 and shall be erected by Contractor for Section 2424.5.

Total Length of Metal Safety Tread = 22'-4"

DEPARTMENT OF HIGHWAYS COOK COUNTY, ILLINOIS WILLIAM H. ERICKSON PRESIDENT & CHIEF ENGINEER GEORGE A. QUINLAN COUNTY CLERK	
RAMP & SERVICE DRIVES PIER 14 R/S TO PIER 15 & PIER 14 R/S TO PIER 15 CONGRESS STREET SUPERHIGHWAY DES PLAINES STREET TO CANAL STREET	
COMPUTED BY DRAWN BY CHECKED BY	SECTION 06E-2424.5 SCALE 1" = 1'-0" DRAWN BY CHECKED BY
APPROVED BY	SHEET NO. 62 TOTAL SHEETS 123 DATE 11/23/62 DRAWING NO. CP357

0160461-60X78-5268-EXT.dgn

PARSONS BRINCKERHOFF

USER NAME = pateld	DESIGNED -	REVISED -
PLOT SCALE = N.T.S.	CHECKED - DCP	REVISED -
PLOT DATE = 3/23/2016	DRAWN - JIG	REVISED -

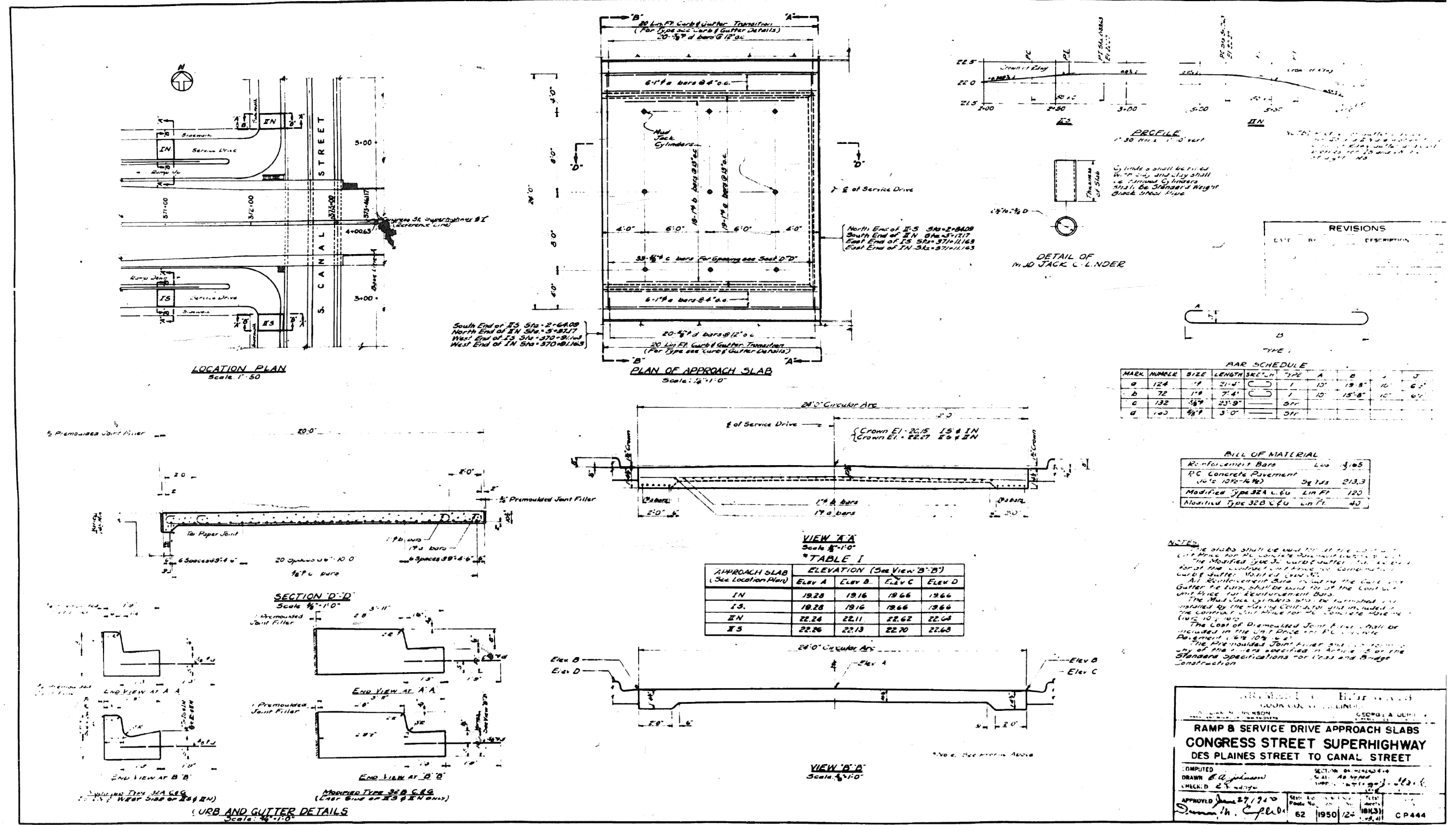
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EXISTING PLANS
 STRUCTURE NO. 016-0461
 SHEET NO. 123 OF 194 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-004 R&B (WB)	COOK	706	545
CONTRACT NO. 60X78				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY

301-6



0160461-60X78-5269-EXT.dgn

PARSONS BRINCKERHOFF

USER NAME = pateld	DESIGNED -	REVISED -
PLOT SCALE = N.T.S.	CHECKED -	REVISED -
PLOT DATE = 3/23/2016	DRAWN - DCP	REVISED -
	CHECKED - JIG	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

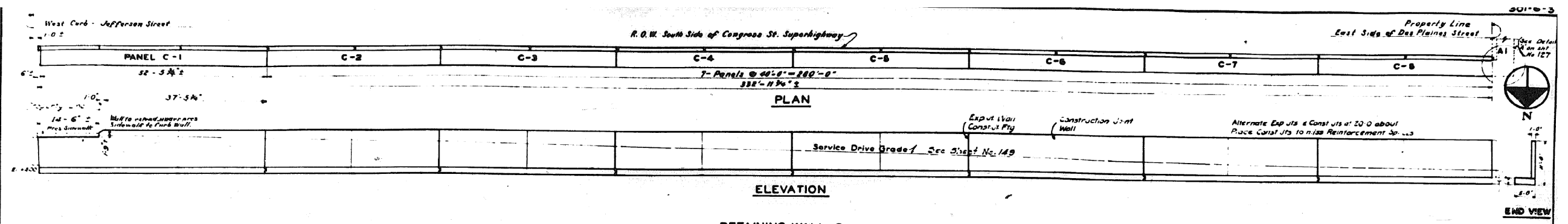
EXISTING PLANS
STRUCTURE NO. 016-0461

SHEET NO. 124 OF 194 SHEETS

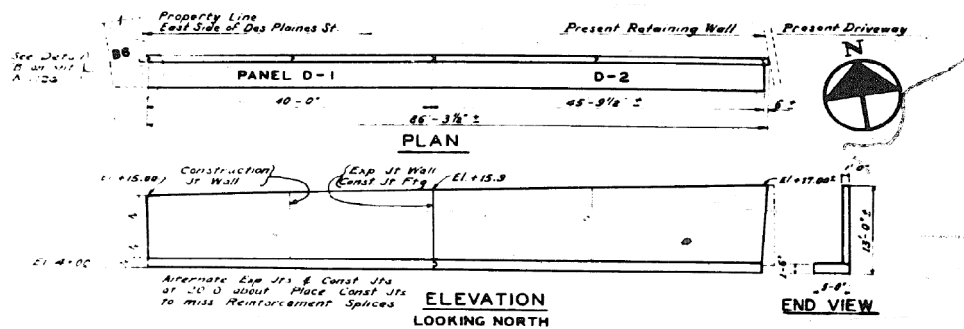
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-004 R&B (WB)	COOK	706	546

CONTRACT NO. 60X78
ILLINOIS FED. AID PROJECT

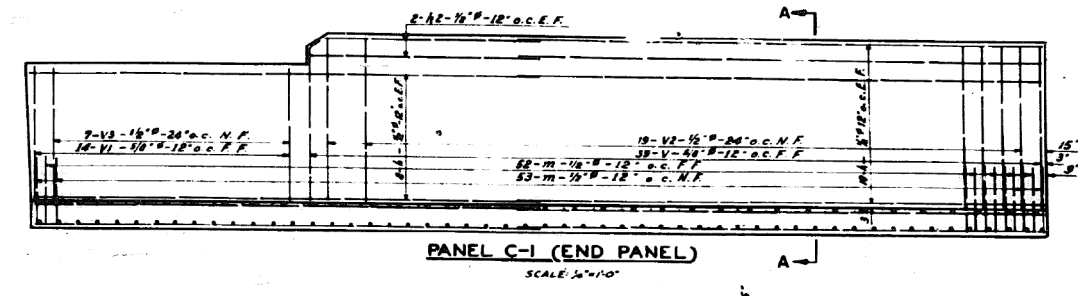
FOR INFORMATION ONLY



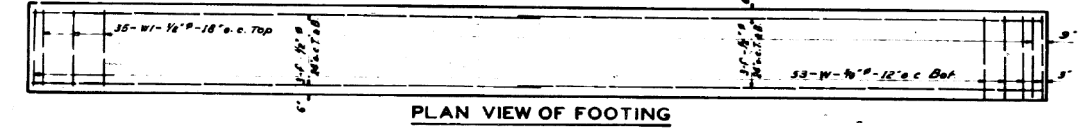
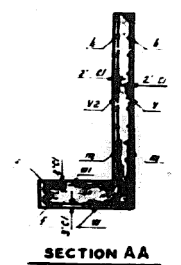
RETAINING WALL C
R.O.W. SOUTH SIDE OF CONGRESS ST. SUPERHIGHWAY JEFFERSON ST. TO DES PLAINES ST.
SCALE 3/8"=1'-0"



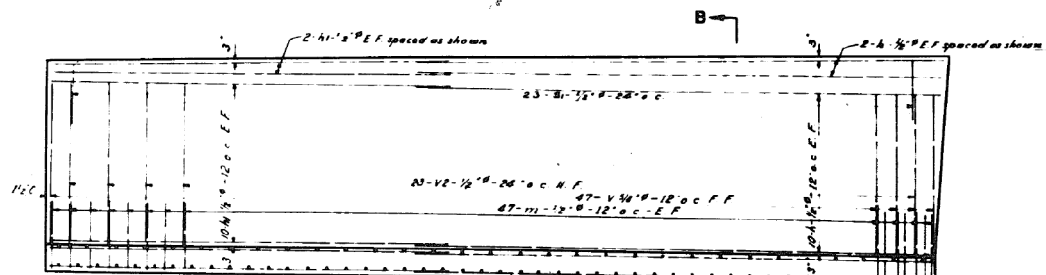
RETAINING WALL D
R.O.W. NORTH SIDE OF CONGRESS ST. SUPERHIGHWAY - DES PLAINES ST. TO DRIVEWAY
SCALE 3/8"=1'-0"



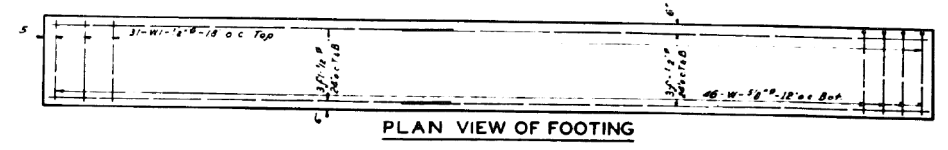
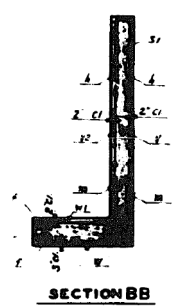
PANEL C-1 (END PANEL)
SCALE 3/4"=1'-0"



PLAN VIEW OF FOOTING



PANEL D-2 (END PANEL)
SCALE 3/4"=1'-0"



PLAN VIEW OF FOOTING

BAR SCHEDULE									
All dimensions are out to out									
NOMENCLATURE									
FOOTING									
L = Longitudinal bars									
T = Transverse bars									
M = Dowel									
SILEX									
L = Longitudinal bars									
T = Vertical bars									
LOCATION	MARK	NO.	SIZE	LENGTH	SPACING	TYPE	A	B	C
All Panels	V	406	16	36.9	3'-3"				
Panel C1	V1	14	16	36.9	7'-6"				
C1 & D-2	F	18	16	28.9					
h		60		20.9					
Panels C-2 to C8 Incl. D1 & D2	L1	102		20.9					
	L1	342		19.8					
Panel C-1	L2	4		18.8					
All Panels	VE	202	16	3'-3"					
Panel C-1	V3	7	16	7'-6"					
All Panels	W	418	16	3'-0"			1	7	0-2 (3/1)
	W1	202	16	3'-0"			2	6	0-2
	W2	213	16	4'-6"			1	7	0-2 (3/1)
Panel D1	S	20	16	6'-6"			3	2-3	7.5 (2.5)
Panel D2	S1	19	16	7'-6"			3	2-3	7.5 (2.5)
Reinforcement Bars				20,476 Lbs.					
Clear "X" Concrete				265.8 Cu. Yds.					

NOTE:-
For Detail of Panels C1 to C8 inclusive see typical panel on sheet No. 126
For Detail of expansion joint see sheet No. 127
Reinforcing details for Panel D1 shown on typical panel on sheet No. 126

DEPARTMENT OF HIGHWAYS
COOK COUNTY, ILLINOIS

WILLIAM H. ERICKSON
PRESIDENT BOARD OF ENGINEERS

GEORGE A. STINLEY
REGISTERED PROFESSIONAL ENGINEER

RETAINING WALLS
R.O.W. EAST OF DES PLAINES ST.
CONGRESS STREET SUPERHIGHWAY
DES PLAINES STREET TO CANAL STREET

COMPUTED G.S.M.
DRAWN E.C. J.G.
CHECKED J.K.C.

SECTION 062-2424.3 B 4
SCALE AS NOTED

APPROVED [Signature] 2/7/12
DATE 2/7/12

State Aid
Funds No. 62
Year 1950
S.A. 125
SHEET NO. 125 OF 194 SHEETS
DRAWN BY [Signature]
CP392

0160461-60X78-5270-EXT.dgn

PARSONS BRINCKERHOFF

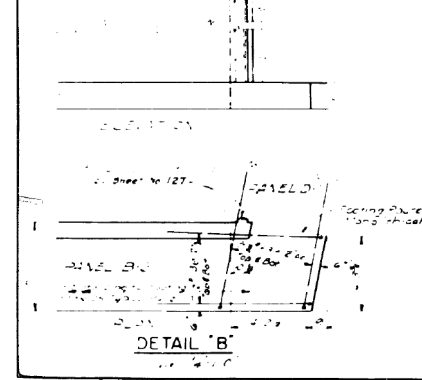
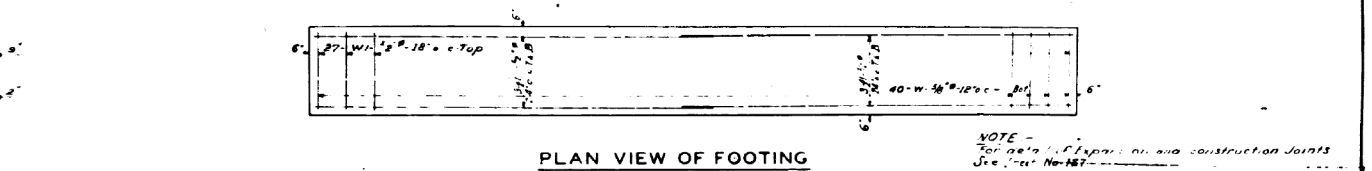
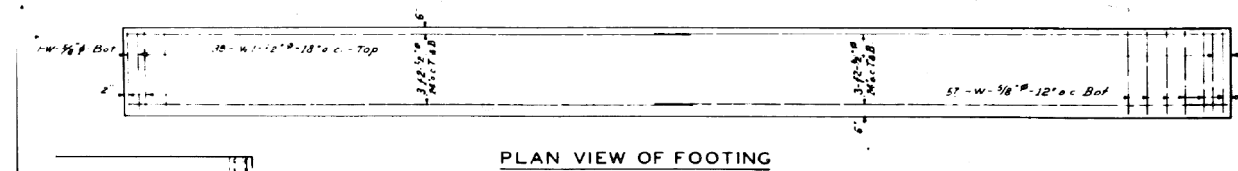
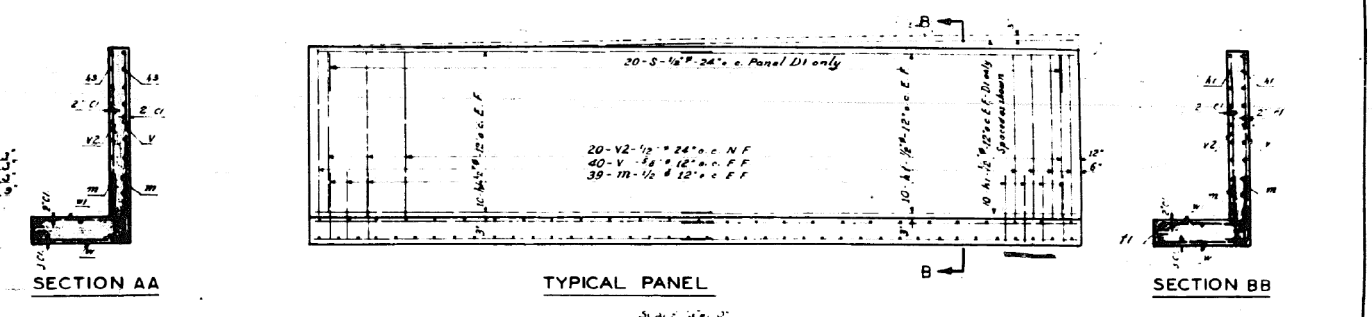
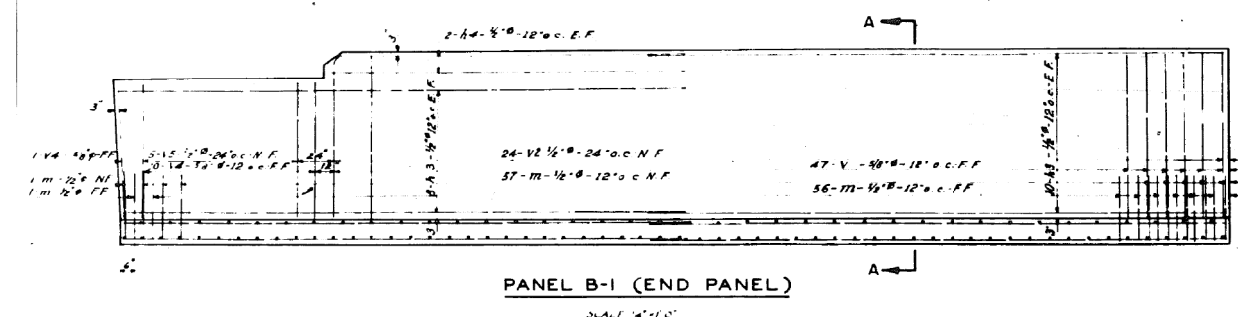
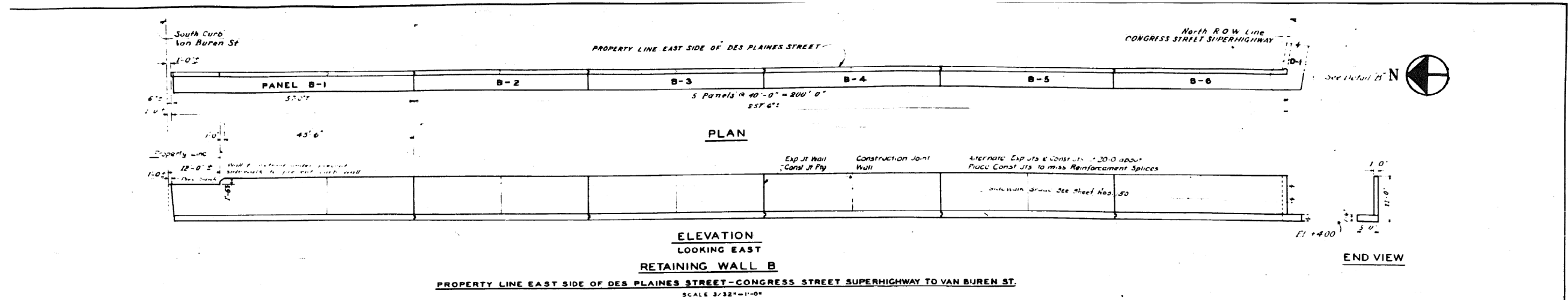
USER NAME = pateld	DESIGNED -	REVISED -
PLOT SCALE = N.T.S.	CHECKED -	REVISED -
PLOT DATE = 3/23/2016	DRAWN - DCP	REVISED -
	CHECKED - JIG	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS
STRUCTURE NO. 016-0461
SHEET NO. 125 OF 194 SHEETS

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-004 R&B (WB)	COOK	706	547
CONTRACT NO. 60X78				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY



BAR SCHEDULE ALL DIMENSIONS ARE OUT TO OUT

NOMENCLATURE	MARK	NO	SIZE	LENGTH	SPACING	TYPE 1		TYPE 2	
						A	B	C	D
All Panels	V	247	5/8"	5'-3"					
Panel B-1	V4	11	7/8"						
	F2	12	1/2"	29'-0"					
Panel B-1 (Detail B)	h3	36	29'-0"						
	h1	200	20'-6"						
Panel B-1	h4	4	18'-0"						
All Panels	V2	124	3'-3"						
Panel B-1	V5	5	7'-3"						
All Panels	W	250	5/8"	9'-0"		1	7	4'-6"	3'-11"
	W1	173	1/2"	5'-6"		2	6	4'-6"	6'-4"
	M	515	1/2"	4'-6"		1	7	3'-11"	

REVISIONS

NO.	DESCRIPTION

DEPARTMENT OF HIGHWAYS
COOK COUNTY, ILLINOIS

WILLIAM H. ERICSSON
GEORGE A. QUINLAN

RETAINING WALL
EAST SIDE OF DES PLAINES STREET
CONGRESS STREET SUPERHIGHWAY
DES PLAINES STREET TO CANAL STREET

SECTION 062-2424 384
SCALE A.S. NOTED

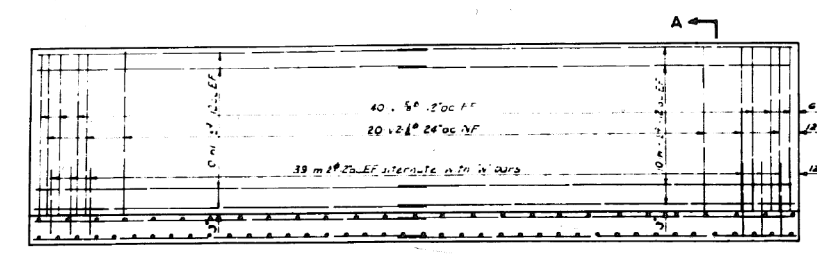
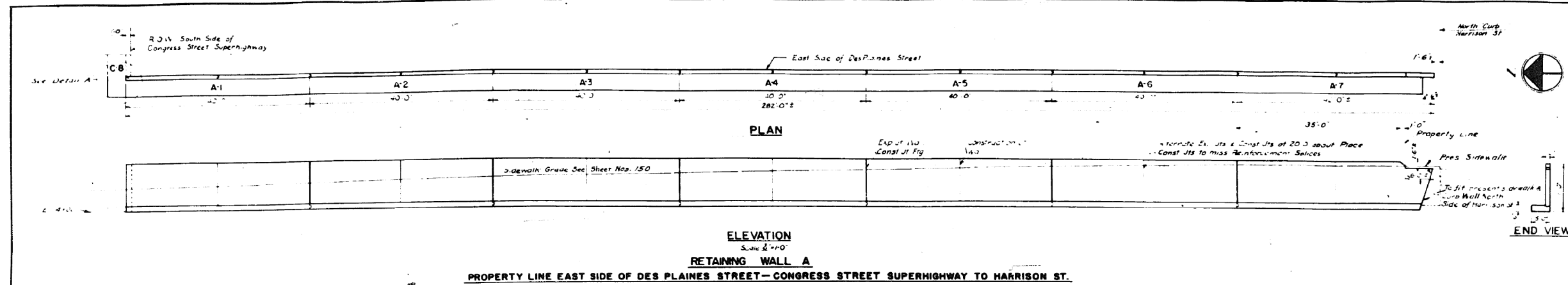
COMPUTED G.S.M.
DRAWN E.C.J.
CHECKED J.H.C.

APPROVED *[Signature]*
State Aid Route No. 62
Fiscal Year 1950
Sheet No. 126
Total Sheets 194
Drawing No. CP 393

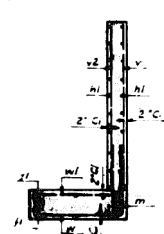
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FOR INFORMATION ONLY

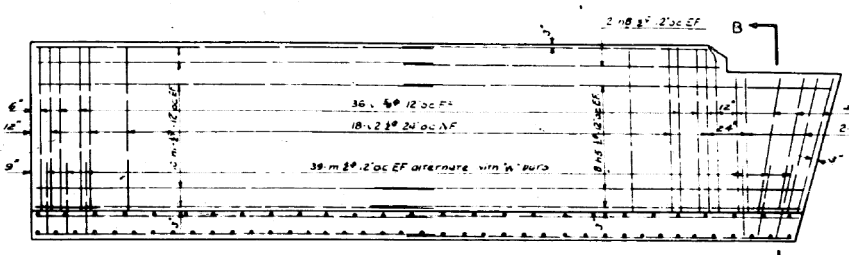
301-6-3



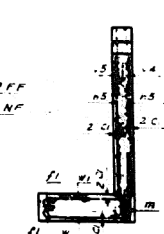
ELEVATION-TYPICAL PANEL (A-1 TO A-6)
Scale 3/4"=1'-0"



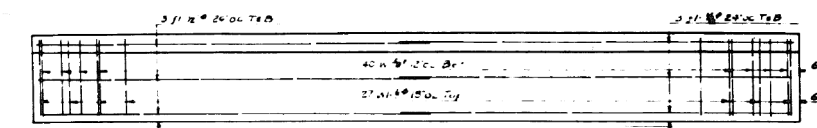
SECTION A-A



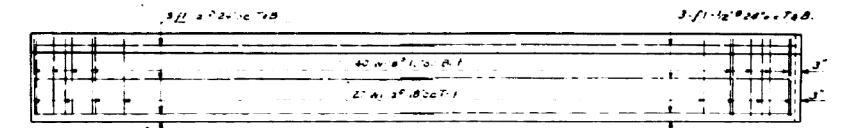
ELEVATION-END PANEL (A-7)
Scale 3/4"=1'-0"



SECTION B-B



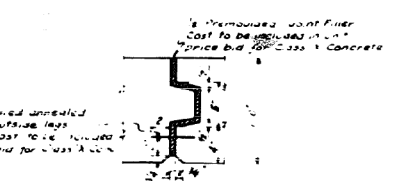
FOUNDATION PLAN



FOUNDATION PLAN

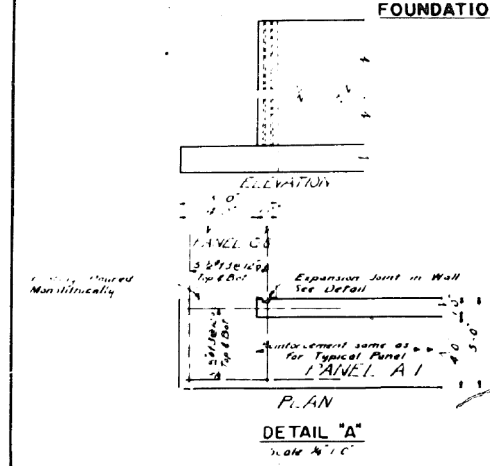
BILL OF MATERIAL (All dimensions are in feet)									
TYPE 1		TYPE 2		TYPE 3		TYPE 4		TYPE 5	
LOCATION	MARK NO.	SIZE	LENGTH	SKETCH	TYPE	A	B	C	J
A-1 Panels	1	276	8.5						
End Panel	14	6	7.9						
A-1 Panels	14	240	9.0						
End Panel	15	16	12.6						
A-1 Panels	16	4	6.6						
A-1 Panels	17	24	20.6						
Panel A (Detail A)	13	20	8.0						
A-1 Panels	12	138	9.3						
End Panel	13	2	7.9						
A-1 Panels	11	189	5.6						
A-1 Panels	11	548	1.6						

Reinforcement Bars: #4 @ 12" max
Class A Concrete: 7.71 cu yds



DETAIL OF EXPANSION JOINT
Scale 1"=1'-0"

REVISIONS		
DATE	BY	DESCRIPTION



DETAIL "A"
Scale 1/2"=1'-0"

DEPARTMENT OF HIGHWAYS
COOK COUNTY ILLINOIS

RETAINING WALL
EAST SIDE OF DESPLAINES STREET
CONGRESS STREET SUPERHIGHWAY
DESPLAINES STREET TO CANAL STREET

SECTION 062-2424-384
SCALE AS NOTED

COMPUTED JSM
DRAWN SMH
CHECKED JRC

APPROVED [Signature] 2/2/10

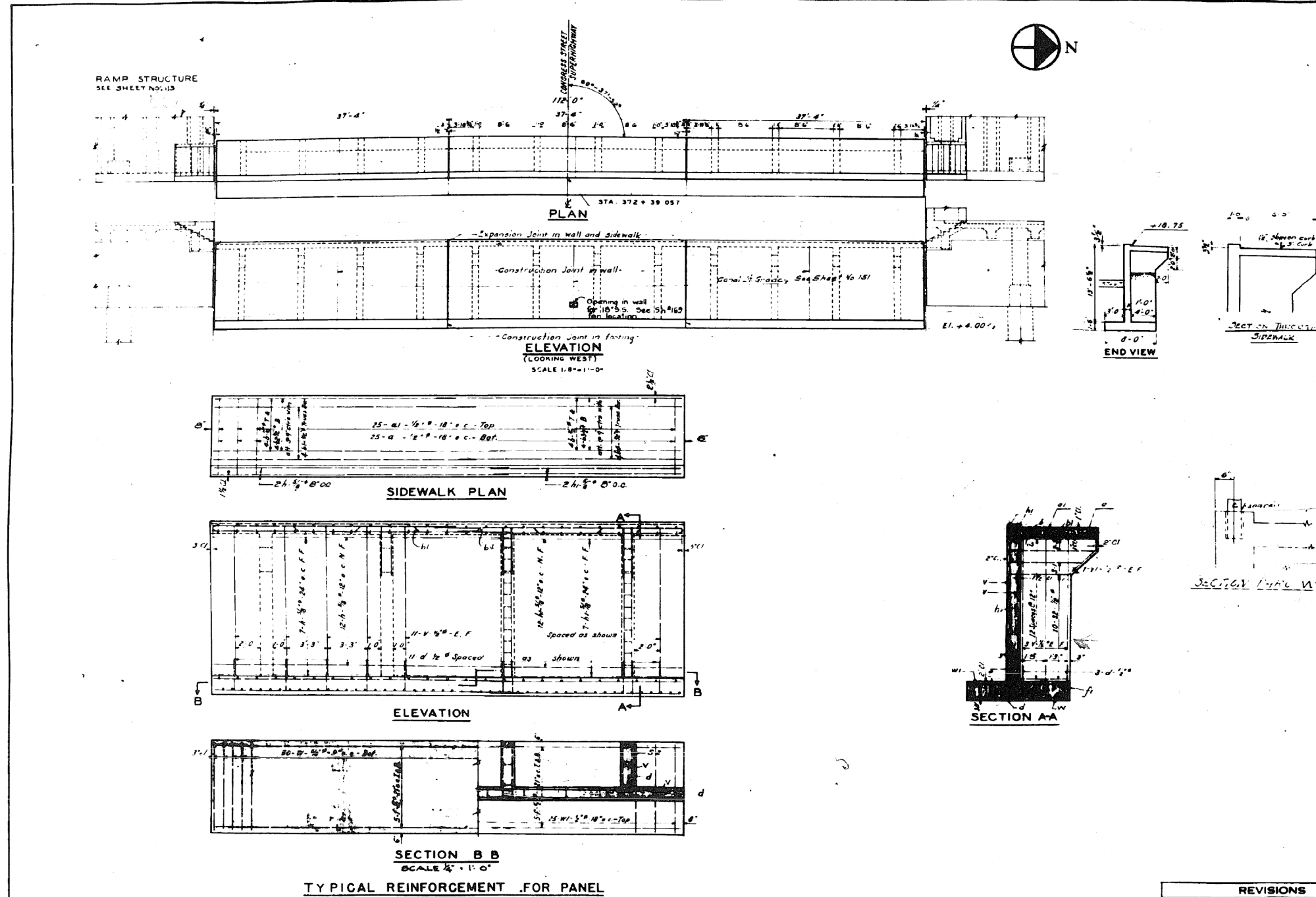
State Aid Route No. 62
Fiscal Year 1960
Sheet No. 127
Total Sheets 148

Drawing No. CP 394

0160461-60X78-5272-EXT.dgn

FOR INFORMATION ONLY

301-6-3



-BILL OF MATERIAL-

NOTE - All dimensions are out to out of bars

MAIN NO.	SIZE	LENGTH	SKETCH TYPE																	
			TYPE 1	TYPE 2	TYPE 3	TYPE 4	TYPE 5	A	B	C	D	E	F	G	H	J				
W	120	1/2"	8.5																	
P	30	3/8"	23.3																	
H	63	2"	23.3																	
B	24	3/4"	19.3																	
V	138	3/8"	19.3																	
WI	75	3/8"	9.6																	
Q	75	3/8"	6.9																	
b1	24	3/8"	21.9																	
a1	75	3/8"	7.3																	
VI	24	3/8"	3.3																	
S	24	3/8"	15.0																	
SI	18	3/8"	15.0																	
SI2	120	3/8"	11.0																	
D	63	3/4"	6.9																	
F1	30	3/8"	15.0																	
h1	63	3/8"	15.0																	
b2	12	3/8"	23.3																	
b3	12	3/8"	15.0																	
b4	12	3/8"	18.9																	

Class 'X' Concrete 147.0 Cu Yds
Reinforcement Bars 9660. Lbs.

NOTE:-
For detail of Expansion Joint in Sidewalk See Sheet No. 123
For detail of Expansion and construction Joints See Sheet No. 127
For details and location of anchorage for handrail posts see Sheet No. 125 & 127

REVISIONS

DATE	BY	DESCRIPTION

DEPARTMENT OF HIGHWAYS
COOK COUNTY, ILLINOIS

WILLIAM N. ERICHSO
PRESIDENT BOARD OF ENGINEERS

GEORGE A. QUINLAN
SUPERVISOR OF HIGHWAYS

RETAINING WALL
WEST SIDE OF CANAL STREET
CONGRESS STREET SUPERHIGHWAY
DES PLAINES STREET TO CANAL STREET

COMPUTED G.S.M.L.L. SECTION 062-2424.3 B 4
DRAWN E.C. J.G. SCALE AS NOTED
CHECKED R.W.M. APPROVED 4-11-94

APPROVED June 27, 2016
State Aid No. 62 Fiscal Year 1950 Sheet No. 128 Total Sheets 48/60
Drawing No. CP 405

0160461-60X78-5273-EXT.dgn

PARSONS BRINCKERHOFF

USER NAME = pateld	DESIGNED -	REVISED -
PLOT SCALE = N.T.S.	CHECKED -	REVISED -
PLOT DATE = 3/23/2016	DRAWN - DCP	REVISED -
	CHECKED - JIG	REVISED -

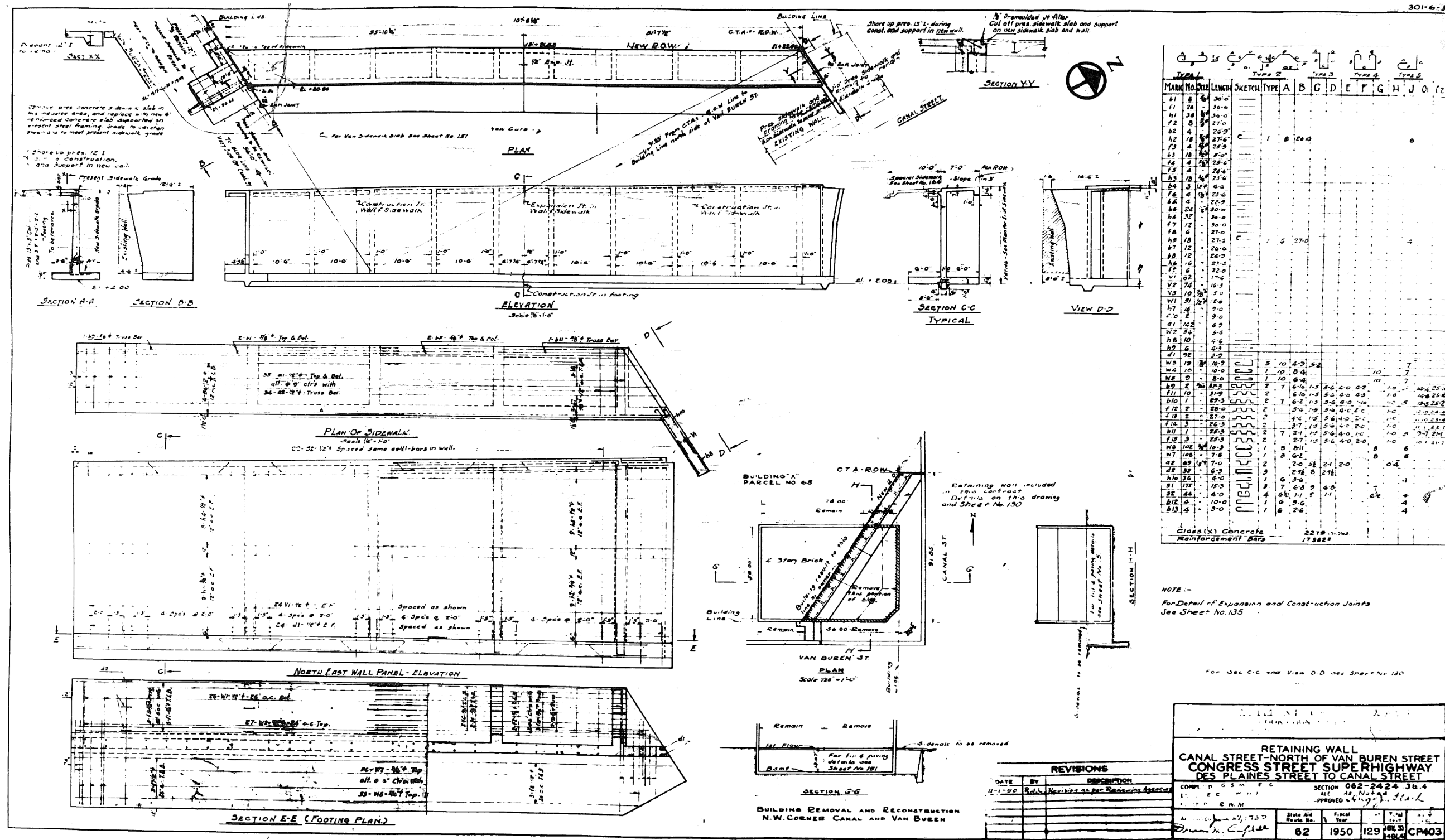
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS
STRUCTURE NO. 016-0461

SHEET NO. 128 OF 194 SHEETS

F.A.I. R.T.E. 90/94/290	SECTION 2014-004 R&B (WB)	COUNTY COOK	TOTAL SHEETS 706	SHEET NO. 550
CONTRACT NO. 60X78			ILLINOIS FED. AID PROJECT	

FOR INFORMATION ONLY



0160461-60X78-5274-EXT.dgn

PARSONS BRINCKERHOFF

USER NAME = pateld	DESIGNED -	REVISED -
PLOT SCALE = N.T.S.	CHECKED -	REVISED -
PLOT DATE = 3/23/2016	DRAWN - DCP	REVISED -
	CHECKED - JIG	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

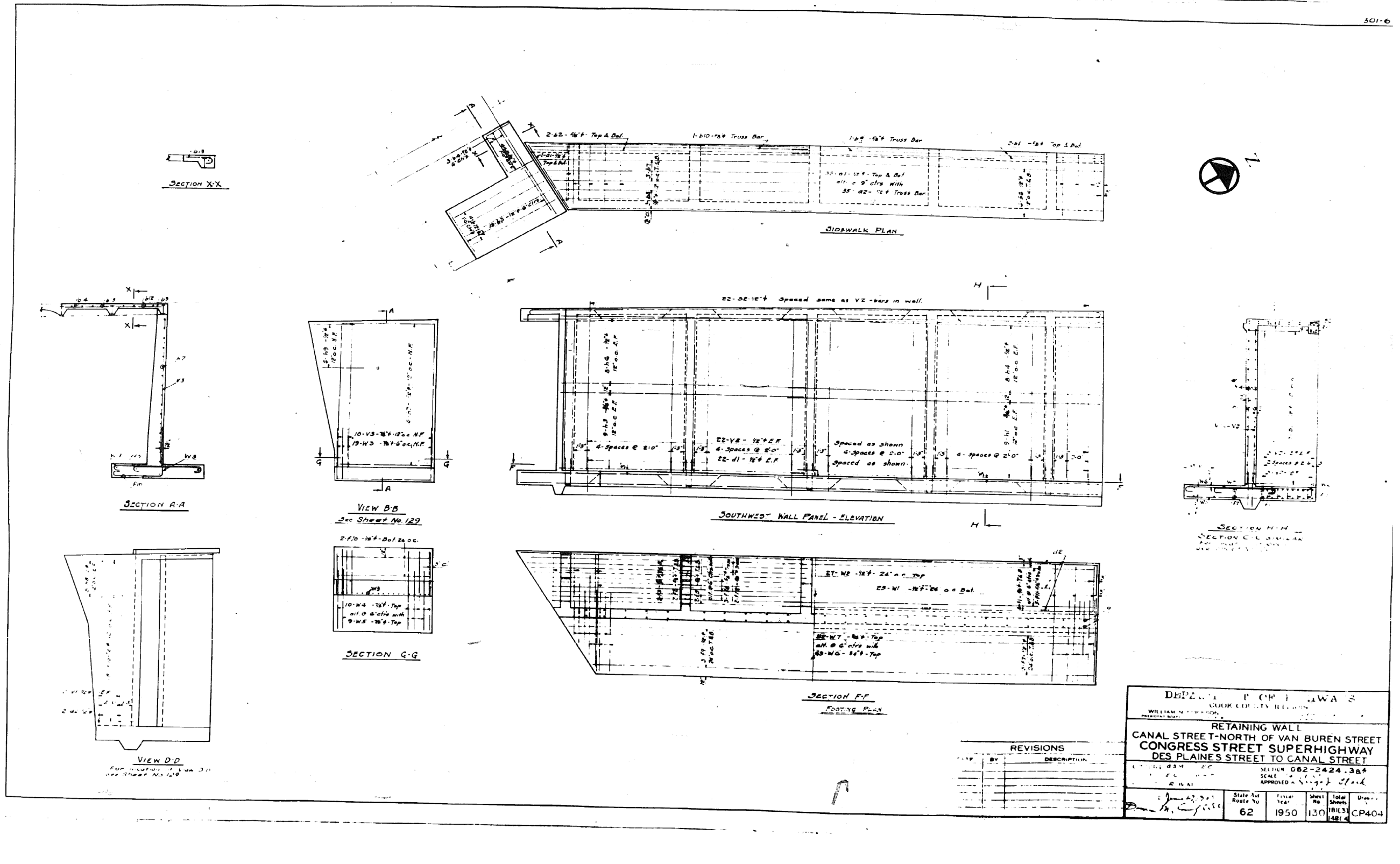
EXISTING PLANS STRUCTURE NO. 016-0461

SHEET NO. 129 OF 194 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-004 R&B (WB)	COOK	706	551
				CONTRACT NO. 60X78
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY

301-6



REVISIONS		
DATE	BY	DESCRIPTION

DEPARTMENT OF TRANSPORTATION
 WILLIAM N. DEERHOFER
 PRESIDENT

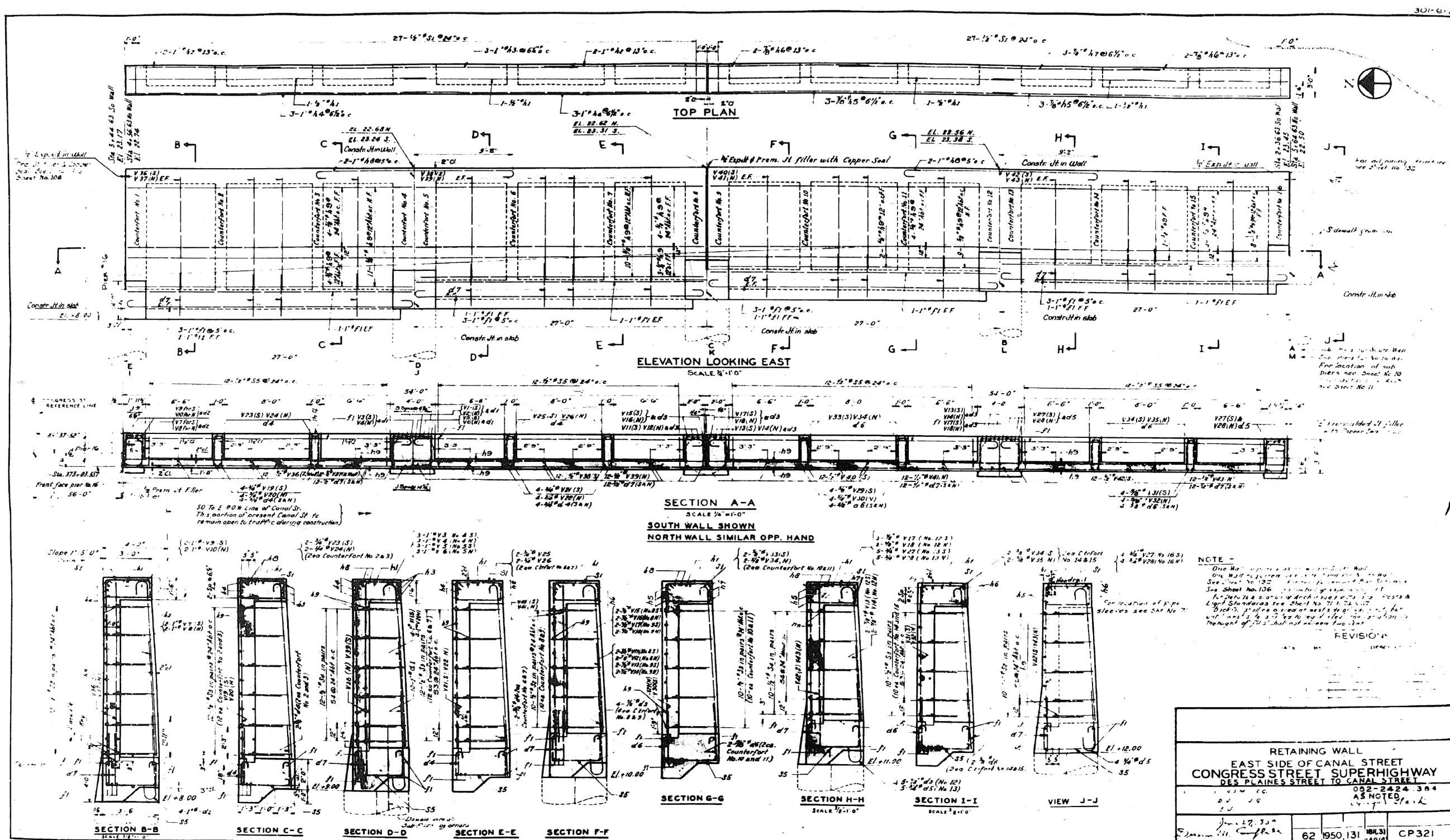
RETAINING WALL
 CANAL STREET-NORTH OF VAN BUREN STREET
 CONGRESS STREET SUPERHIGHWAY
 DES PLAINES STREET TO CANAL STREET

SECTION 062-2424.3B4
 SCALE 1/4" = 1'-0"
 APPROVED: [Signature]

State Aid Route No.	62	Fiscal Year	1950	Sheet No.	130	Total Sheets	181/33	Drawn	CP404
---------------------	----	-------------	------	-----------	-----	--------------	--------	-------	-------

0160461-60X78-5275-EXT.dgn

FOR INFORMATION ONLY



RETAINING WALL EAST SIDE OF CANAL STREET CONGRESS STREET SUPERHIGHWAY DES PLAINES STREET TO CANAL STREET			
052-2424-384 AS NOTED 11/17/11			
June 17, 2011 S. J. ...	62	1950 131	CP321

0160461-60X78-5276-EXT.dgn

PARSONS BRINCKERHOFF

USER NAME = pateld	DESIGNED -	REVISED -
PLOT SCALE = N.T.S.	CHECKED -	REVISED -
PLOT DATE = 3/23/2016	DRAWN - DCP	REVISED -
	CHECKED - JIG	REVISED -

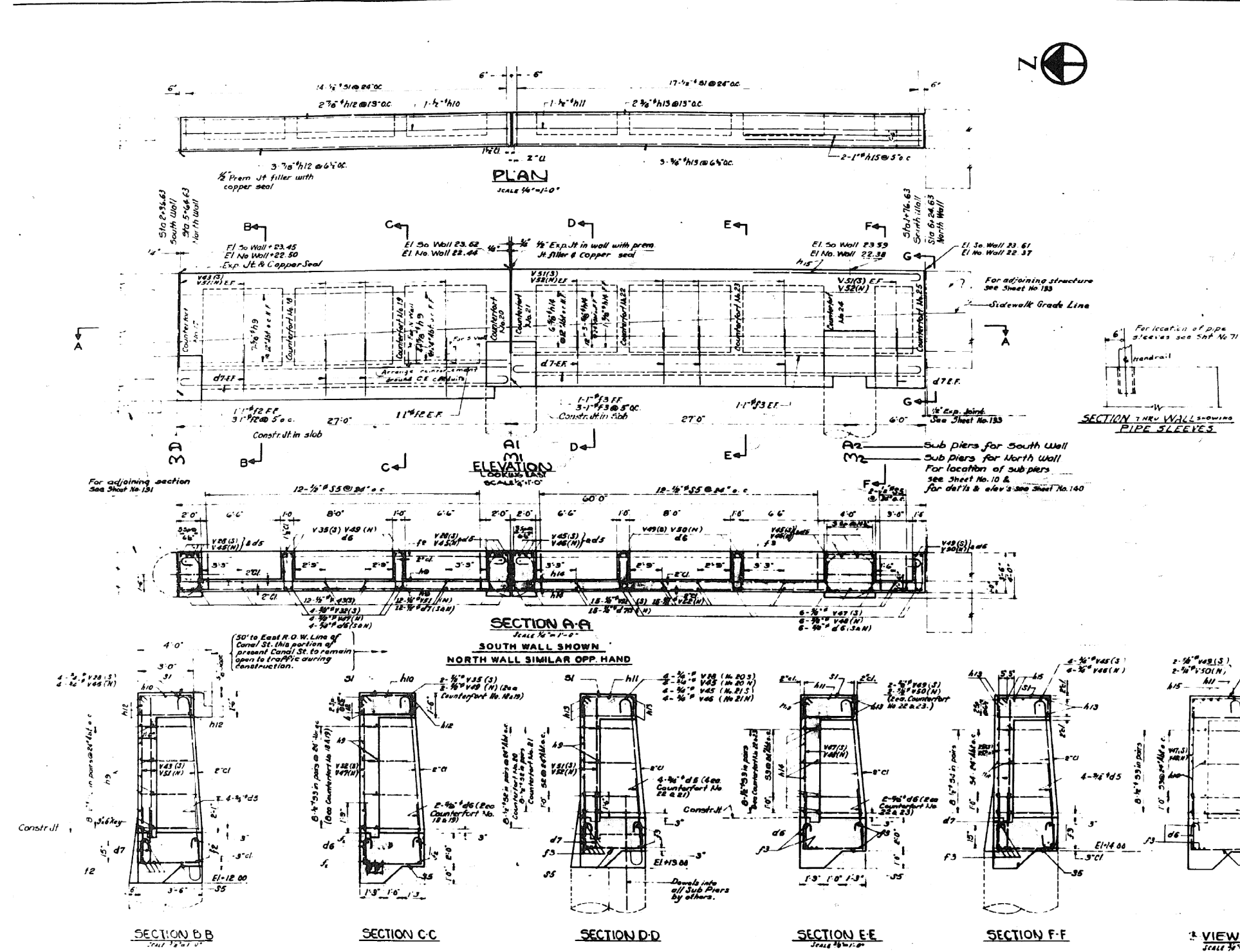
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS
STRUCTURE NO. 016-0461
SHEET NO. 131 OF 194 SHEETS

F.A.I. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-004 R&B (WB)	COOK	706	553
CONTRACT NO. 60X78				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY

301-6-3



BILL OF MATERIAL											
TYPE 1		TYPE 4		TYPE 2		TYPE 1					
LOCATION	MARK	NO	SIZE	LENGTH	QUANTITY	A	B	C	D	E	F
Top Beam	N 1	1	2"	17'-0"	1						
Wall	V 1	1	2"	17'-0"	1						
Footings	F 1	1	18"	17'-0"	1						
Counterforts	C 1	1	18"	17'-0"	1						
Sub Piers	S 1	1	18"	17'-0"	1						
Reinforcement Bars											
Class II Concrete											

REVISIONS

NO.	DESCRIPTION
1	See Sheet No. 131

RETAINING WALL
EAST SIDE OF CANAL STREET
CONGRESS STREET SUPERHIGHWAY
DES PLAINES STREET TO CANAL STREET

WILLIAM N. ERICKSON
 GEORGE A. QUINN, AN

62 1950 148(4) CP 322

0160461-60X78-5277-EXT.dgn

PARSONS BRINCKERHOFF

USER NAME = pateld	DESIGNED -	REVISED -
PLOT SCALE = N.T.S.	CHECKED -	REVISED -
PLOT DATE = 3/23/2016	DRAWN - DCP	REVISED -
	CHECKED - JIG	REVISED -

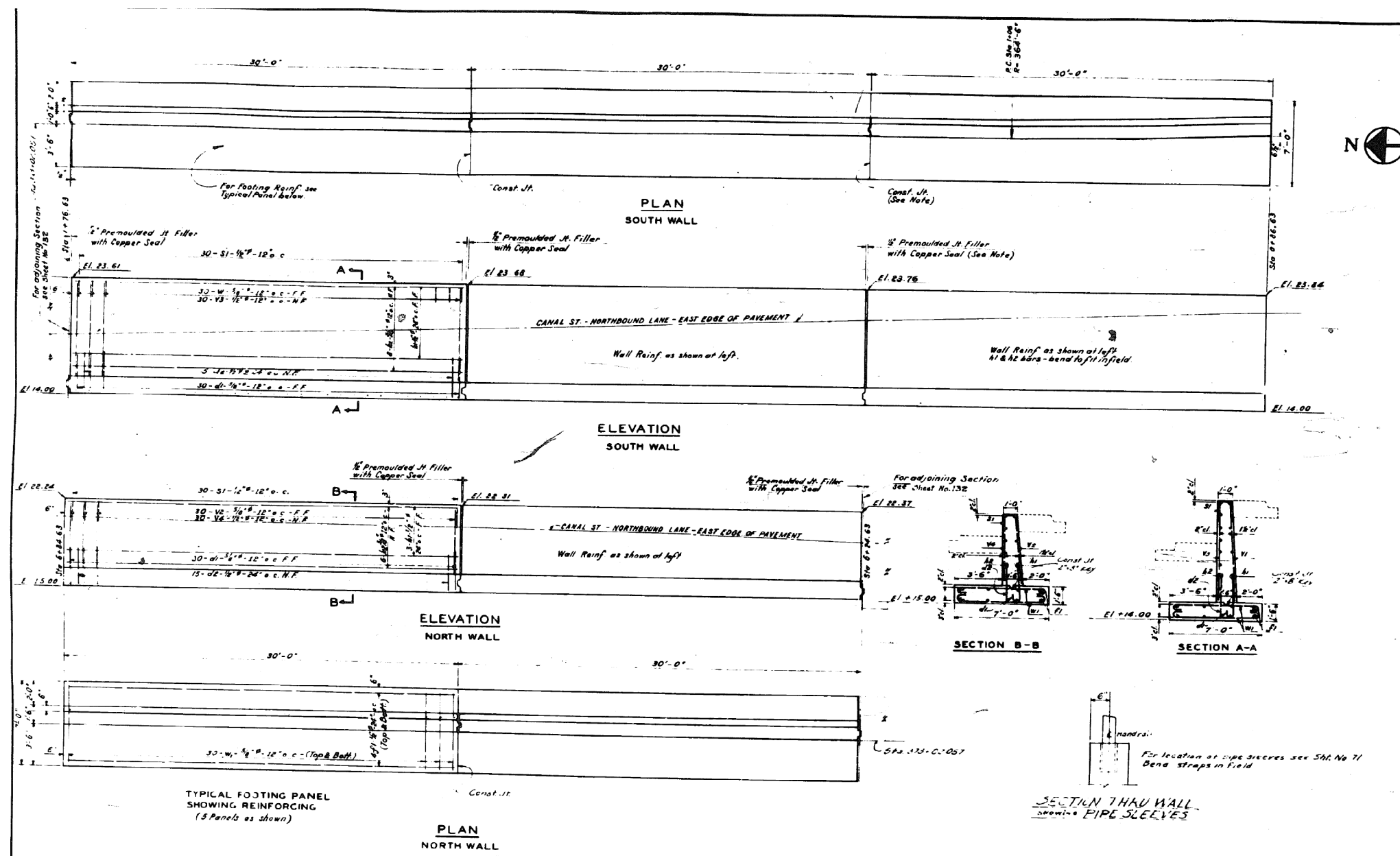
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EXISTING PLANS
 STRUCTURE NO. 016-0461
 SHEET NO. 132 OF 194 SHEETS

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-004 R&B (WB)	COOK	706	554
CONTRACT NO. 60X78			ILLINOIS FED. AID PROJECT	

FOR INFORMATION ONLY

301-6



BILL OF MATERIAL												
MARK	NO	SIZE	LENGTH	SKETCH	TYPE	TYPE 1			TYPE 2			
						A	B	C	D	E	G	J
V1	90	1/2"	7-9	---								
V2	60	1/2"	5-6	---								
V3	90	1/2"	7-9	---								
V4	60	1/2"	5-6	---								
h1	18	1/2"	29-6	---								
d1	150	3/8"	3-9	---	1	7	3-2					5
W1	300	1/2"	7-9	---	1	7	6-7					7 5
f1	40	1/2"	29-6	---								
s1	150	1/2"	4-6	---	2	1-11	B	1-11				
h2	36	3/8"	29-6	---								
d2	75	3/8"	3-0	---								

CLASS "X" CONCRETE 108.7 CU. YDS
REINFORCEMENT BARS 7625 LBS

NOTES: - For remainder of Retaining Wall East Side of Canal St. see Sheet No. 132.35
For Detail of Expansion & Construction Joints see Sheet No. 134
For Details & Location of Hand Railing Posts see Sheet No. 134 & 87
Reinforcing on both sides of wall shall be carried up simultaneously until bottom of wall paving slab is reached. On the west side it shall be carried up until the height of 10' shall not exceed two feet.

DEPARTMENT OF HIGHWAYS
COOK COUNTY, ILLINOIS
WILLIAM N. ERICKSON GEORGE A. QUINLAN

RETAINING WALL
EAST SIDE OF CANAL STREET
CONGRESS STREET SUPERHIGHWAY
DES PLAINES STREET TO CANAL STREET

COMPUTED G.S.M. SECTION 082-2424.35.4
DRAWN a.c. SCALE 1/4"=1'-0"
CHECKED c.c. APPROVED V. J. J. Clark

APPROVED June 27, 1950
State Aid Fiscal Year Sheet No. Total Sheets Drawing No.
62 1950 177 181 CP 429

REVISIONS		
DATE	BY	DESCRIPTION

0160461-60X78-5278-EXT.dgn

PARSONS BRINCKERHOFF

USER NAME = pateld	DESIGNED -	REVISED -
PLOT SCALE = N.T.S.	CHECKED -	REVISED -
PLOT DATE = 3/23/2016	DRAWN - DCP	REVISED -
	CHECKED - JIG	REVISED -

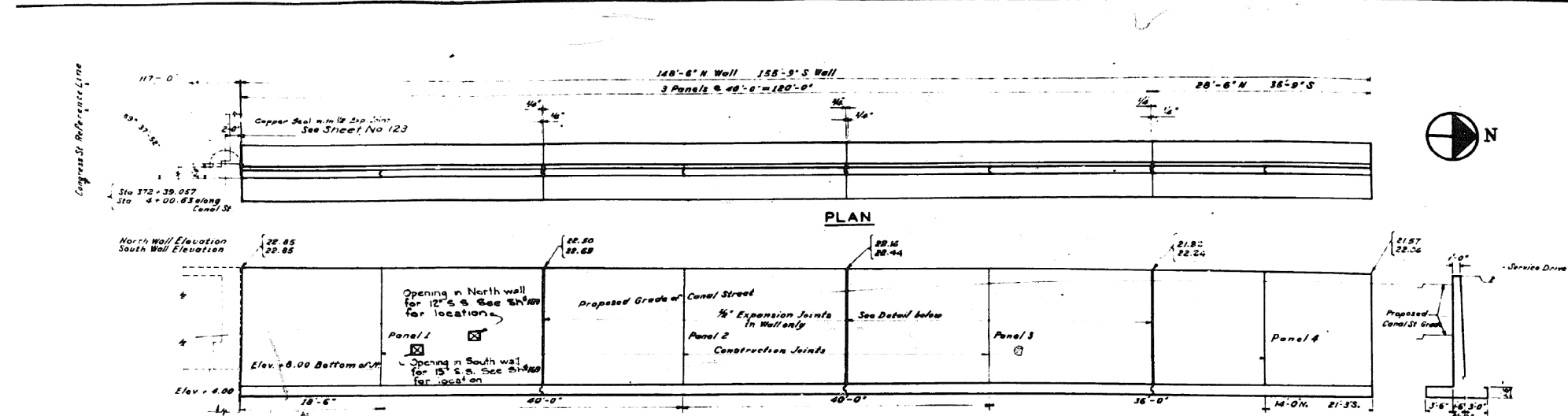
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS
STRUCTURE NO. 016-0461
SHEET NO. 133 OF 194 SHEETS

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-004 R&B (WB)	COOK	706	555
CONTRACT NO. 60X78				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY

301-6-3



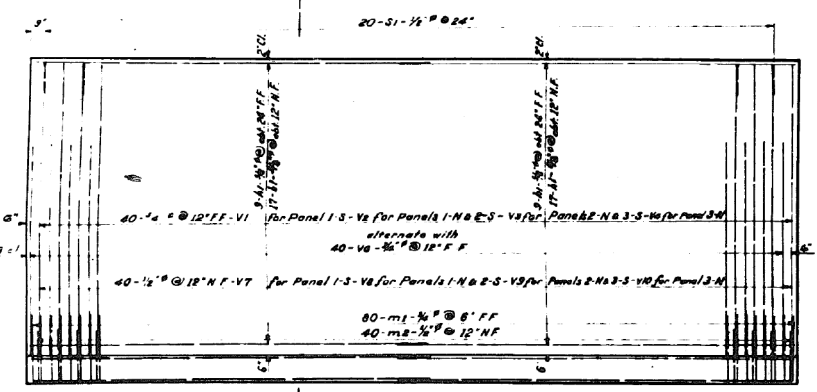
ELEVATION
SCALE 3/8" = 1'-0"
NORTH WALL AS SHOWN & NOTED
SOUTH WALL OPP. HAND AS NOTED



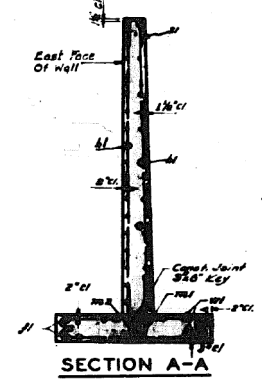
END VIEW

BILL OF MATERIAL											
TYPE 1				TYPE 2							
LOCATION	MARK	NO	SIZE	LENGTH	SWITCH	TYPE	A	B	C	D	E
1-S	V1	40	5/8"	17'-0"							
1-N, 2-S	V2	80	5/8"	16'-9"							
2-N, 3-S, 4-S	V3	116	5/8"	16'-6"							
3-N	V4	40	5/8"	16'-3"							
4-N	V5	29	5/8"	16'-0"							
All Panels	V6	303	5/8"	12'-0"							
1-S	V7	40	5/8"	17'-0"							
1-N, 2-S	V8	80	5/8"	16'-9"							
2-N, 3-S, 4-S	V9	116	5/8"	16'-6"							
3-N	V10	40	5/8"	16'-3"							
4-N	V11	29	5/8"	16'-0"							
1-N, 2-S	H1	326	3/8"	20'-9"							
4-N, 4-S	H2	52	3/8"	16'-6"							
4-N	H3	26	3/8"	13'-6"							
All Panels	S1	153	3/8"	3'-6"	1	1.5	0	1.5			
	M1	609	3/8"	4'-3"	2	0	3.7				6
	M2	305	3/8"	2'-9"							
	W1	450	3/8"	8'-9"	1	7	7.7				7.5
1-N, 3-S	F1	108	3/8"	20'-9"							
4-S	F2	18	3/8"	16'-6"							
4-N	F3	18	3/8"	13'-0"							

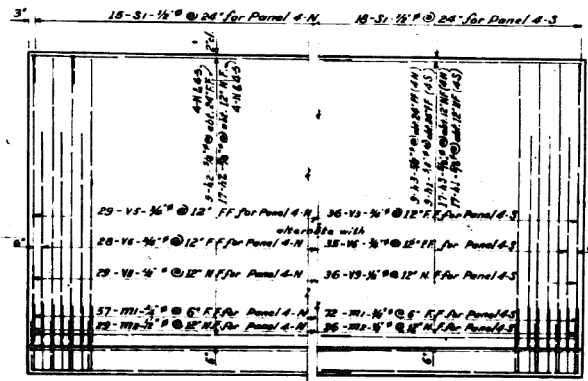
Class "A" Concrete 37,200 Cu Yds.
Reinforcement Steel 37,716 Lbs.



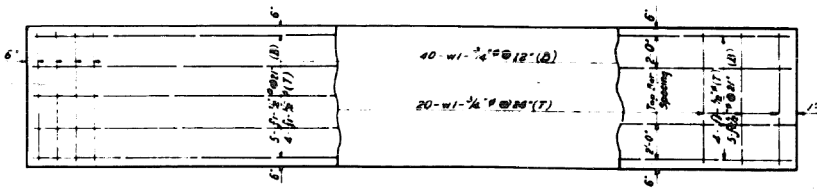
ELEVATION
(PANELS 1, 2, 3, 4-S)
SCALE 3/8" = 1'-0"



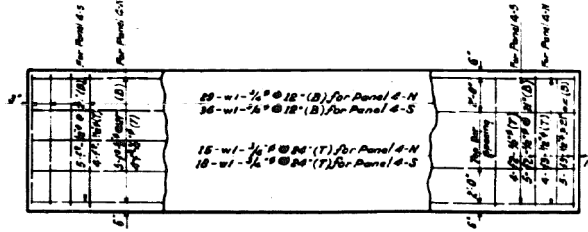
SECTION A-A
(TYPICAL)
SCALE 3/8" = 1'-0"



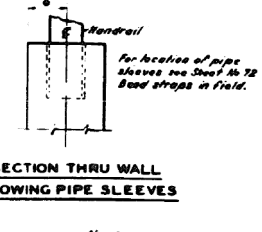
ELEVATION
(PANELS 4-S & 4-N)
SCALE 3/8" = 1'-0"



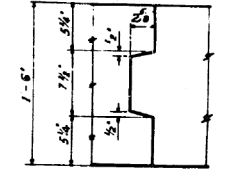
PLAN OF FOOTING



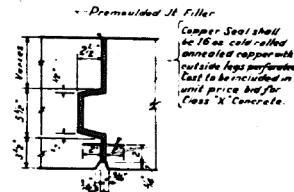
PLAN OF FOOTING



SECTION THRU WALL
SHOWING PIPE SLEEVES



CONSTRUCTION JOINT IN FOOTING
SCALE 1/2" = 1'-0"



DETAIL OF EXPANSION JOINT IN WALL
SCALE 1/2" = 1'-0"

NOTES:-

Backfill on both sides of Wall shall be carried up simultaneously until bottom of East facing slab is reached. Then East side shall be carried up to top of slab shall not exceed two feet.

For details and locations of anchorages for hand rail see sheet No. 7-10-74-1-67.

REVISIONS		
DATE	BY	DESCRIPTION
1-1-80	R.L.L.	Revising design

DEPARTMENT OF HIGHWAYS
COOK COUNTY, ILLINOIS

WILLIAM N. ERICKSON
GEORGE A. QUINLAN

**RETAINING WALL ON WEST SIDE OF CANAL ST.
CONGRESS STREET SUPERHIGHWAY
DES PLAINES STREET TO CANAL STREET**

COMPUTED G. S. M.
DRAWN S. M. W. J.G.
CHECKED J.G.

SECTION 082-2424.38A
SCALE AS NOTED
APPROVED J.G. J.G.

APPROVED J.G. J.G.
CHIEF ENGINEER

State Aid
Fiscal Year
Sheet No.
Total Sheets
Drawing No.

62 950 134 134 CP 377

0160461-60X78-5279-EXT.dgn

PARSONS BRINCKERHOFF

USER NAME = pateld	DESIGNED -	REVISED -
DESIGNED -	CHECKED -	REVISED -
PLLOT SCALE = N.T.S.	DRAWN - DCP	REVISED -
PLLOT DATE = 3/23/2016	CHECKED - JIG	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

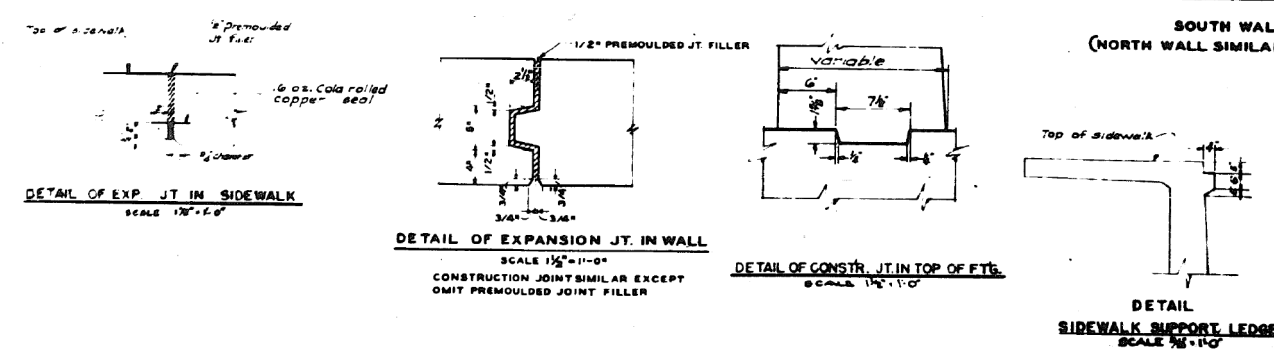
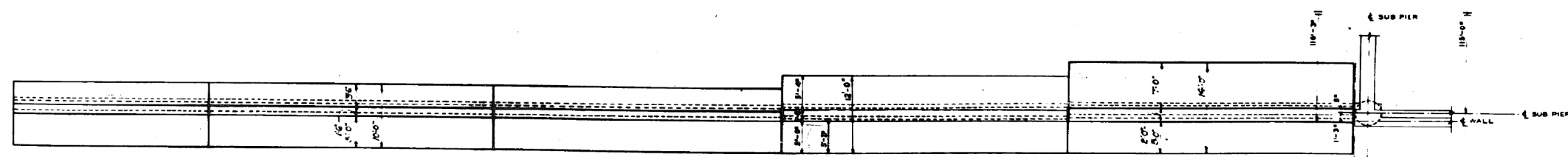
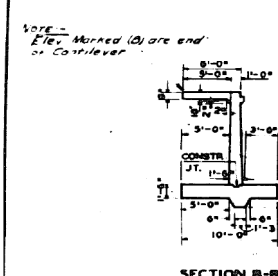
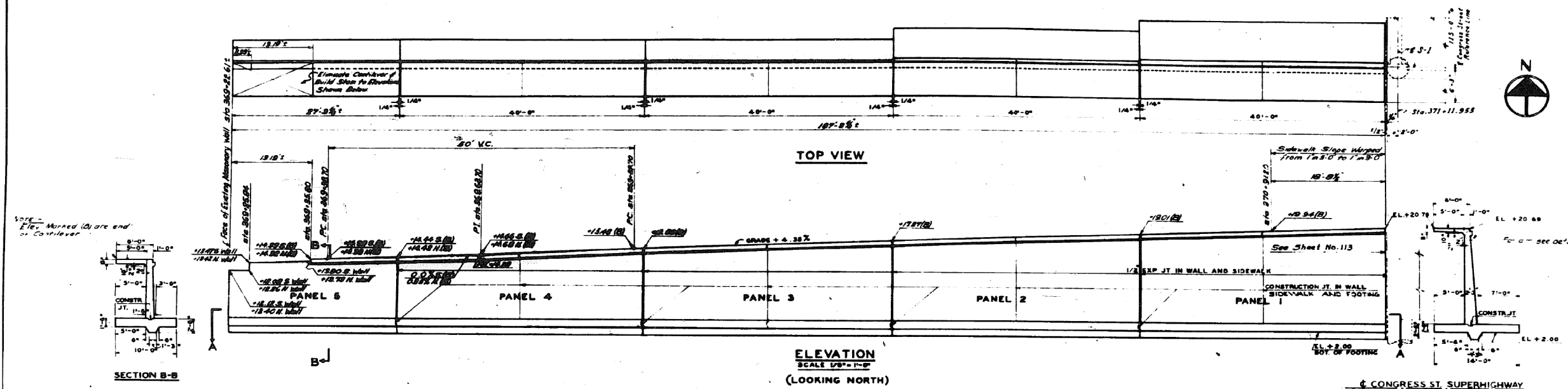
EXISTING PLANS
STRUCTURE NO. 016-0461

SHEET NO. 134 OF 194 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-004 R&B (WB)	COOK	706	556
CONTRACT NO. 60X78				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY

301-6 3



NOTE --
For Details of Reinforcement See the following:
Panel No 1 & 2 Sheet No. 136
Panel No 3 & 4 Sheet No. 137
Panel No 5 See Bar List Sheet No. 138

DEPARTMENT OF HIGHWAYS
COOK COUNTY ILLINOIS
WILLIAM N. ERICKSON GEORGE A. QUINLAN

**RETAINING WALL-R.O.W.-EAST OF CLINTON STREET
CONGRESS STREET SUPERHIGHWAY
DES PLAINES STREET TO CANAL STREET**

COMPUTED C.S.M. SECTION 082-2424.3 B.4
DRAWN J.C. SCALE AS NOTED
APPROVED [Signature] DATE [Date]

APPROVED [Signature] DATE [Date]

State Aid	Funds	Sheet	Total	Drawing
62	950	135	48(6)	CP 378

REVISIONS		
DATE	BY	DESCRIPTION
11-1-12	R.J.L.	Revisions as per Interagency Agmt.

0160461-60X78-5280-EXT.dgn

**PARSONS
BRINCKERHOFF**

USER NAME = pateld	DESIGNED -	REVISED -
PLOT SCALE = N.T.S.	CHECKED -	REVISED -
PLOT DATE = 3/23/2016	DRAWN - DCP	REVISED -
	CHECKED - JIG	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

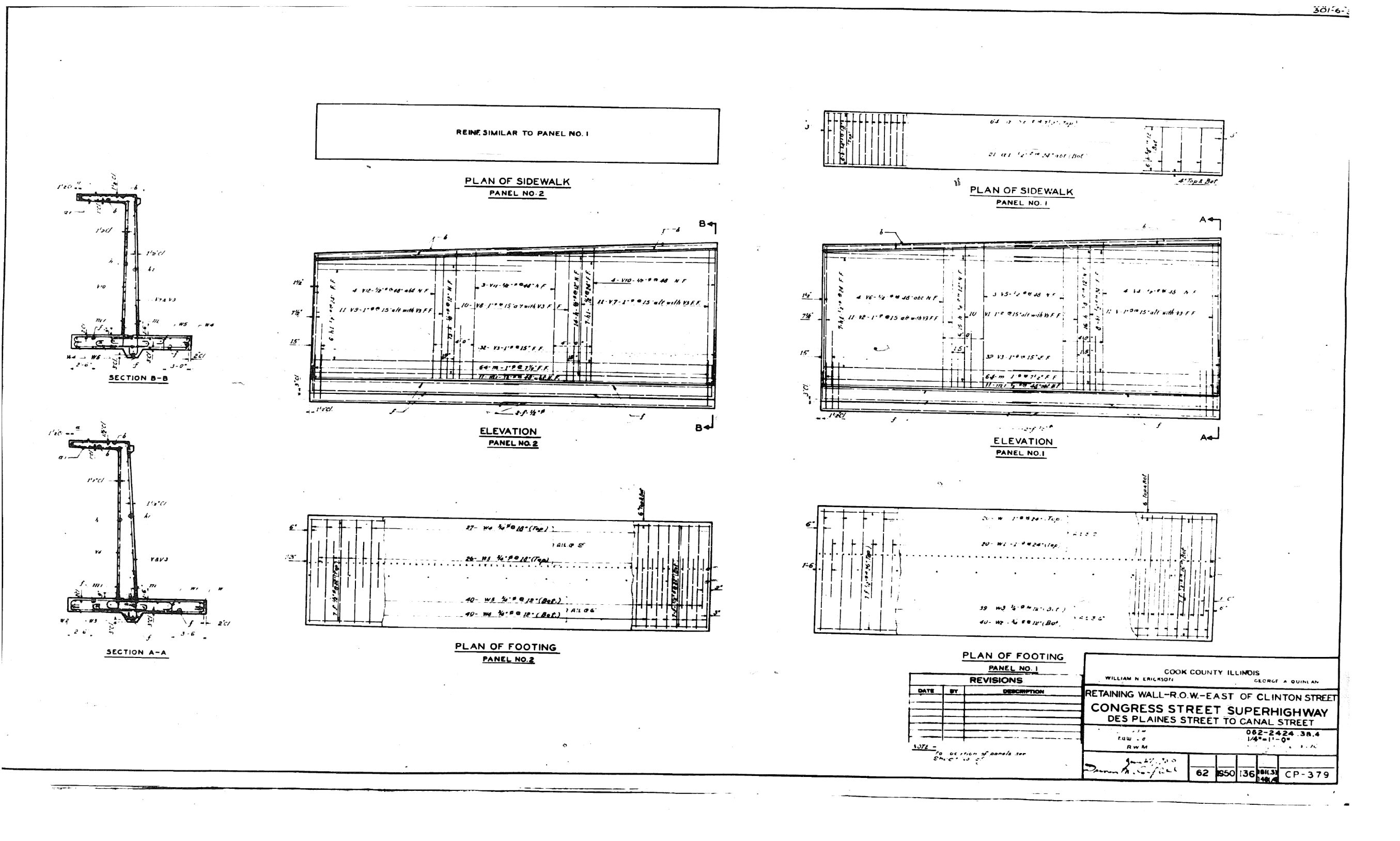
**EXISTING PLANS
STRUCTURE NO. 016-0461**

SHEET NO. 135 OF 194 SHEETS

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-004 R&B (WB)	COOK	706	557
CONTRACT NO. 60X78				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY

3016-



REVISIONS		
DATE	BY	DESCRIPTION

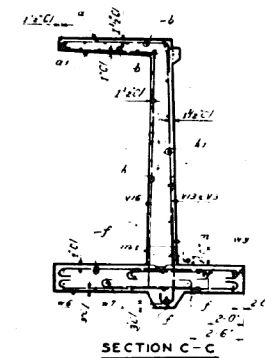
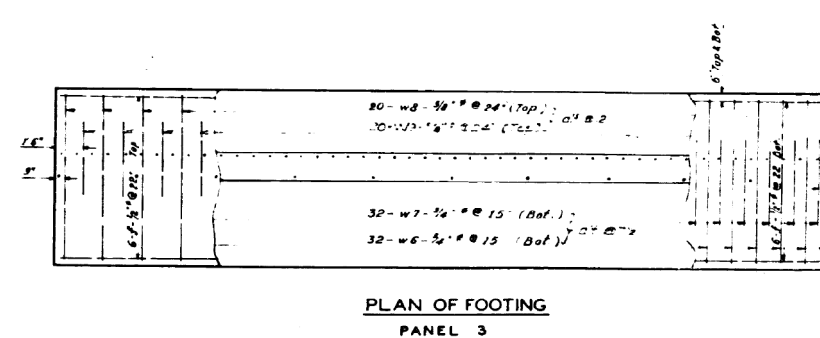
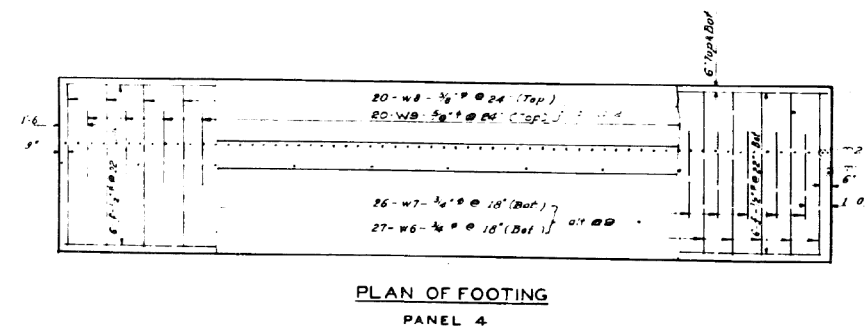
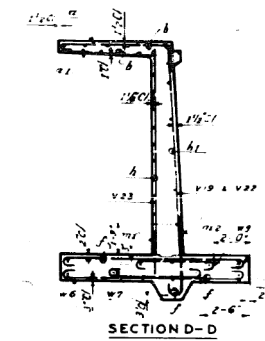
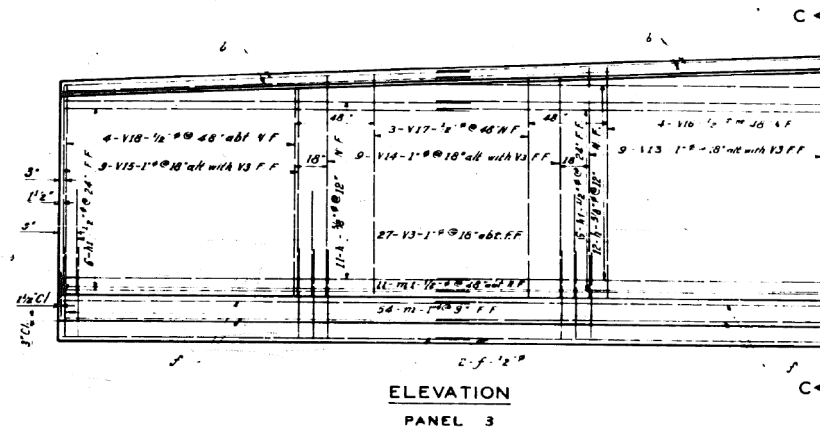
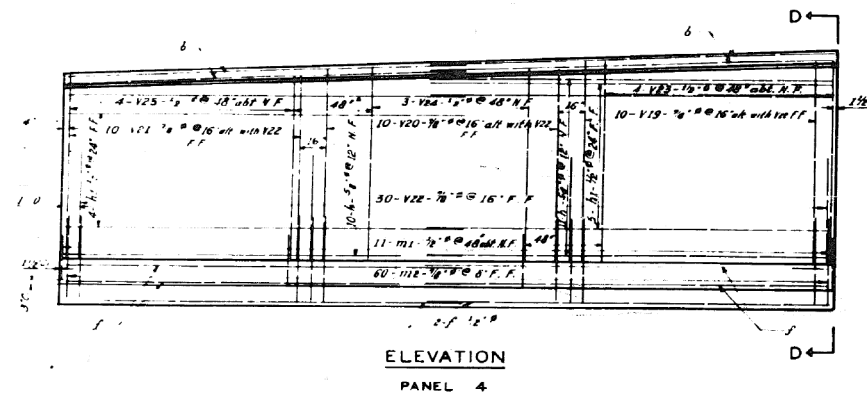
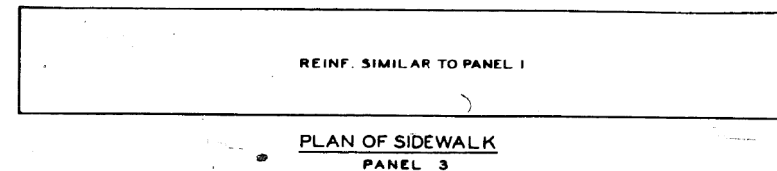
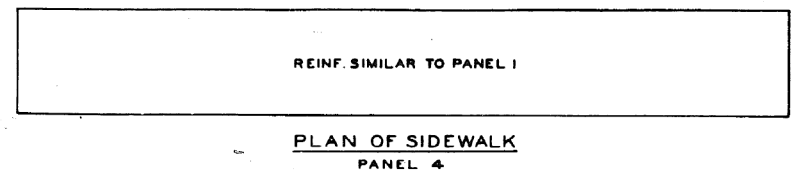
NOTE - See section of panels for details.

COOK COUNTY ILLINOIS			
WILLIAM H. ERICKSON		GEORGE A. QUINAN	
RETAINING WALL-R.O.W.-EAST OF CLINTON STREET			
CONGRESS STREET SUPERHIGHWAY			
DES PLAINES STREET TO CANAL STREET			
1" = 1'-0"		082-2424-38.4	
R.W.M.		1/4" = 1'-0"	
62	550	136	CP-379

0160461-60X78-5281-EXT.dgn

FOR INFORMATION ONLY

301-6-2



REVISIONS		
DATE	BY	DESCRIPTION

NOTE - For quantities see S.A. - 10-115

DEPARTMENT OF HIGHWAYS
COOK COUNTY ILLINOIS

WILLIAM N. ERICKSON
PRESIDENT BOARD OF COUNTY CLERKS

GEORGE A. QUINLAN
PRESIDENT BOARD OF SUPERVISORS

RETAINING WALL-R.O.W.-EAST OF CLINTON STREET
CONGRESS STREET SUPERHIGHWAY
DES PLAINES STREET TO CANAL STREET

COMPUTED G.S.M. SECTION 062-2424.3B.4
DRAWN A.G.W. J.S. SCALE 1/4" = 1'-0"
CHECKED R.W.M. APPROVED [Signature]

APPROVED [Signature] State Aid No. 62 Fiscal Year 1950 Sheet No. 137 of 148.4 Drawing No. CP 380

0160461-60X78-5282-EXT.dgn

**PARSONS
BRINCKERHOFF**

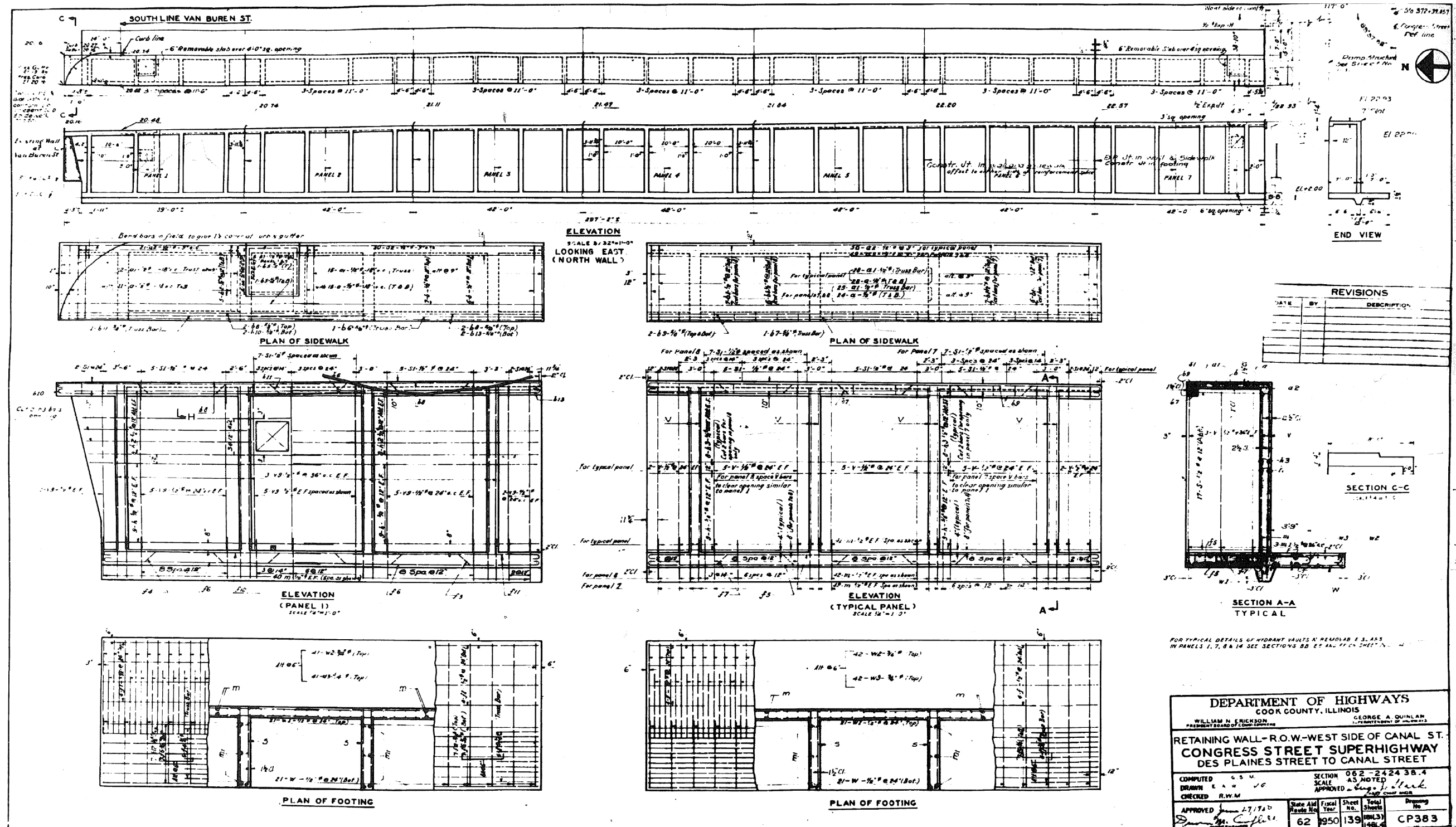
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PLOT SCALE = N.T.S.	CHECKED -	REVISED -
PLOT DATE = 3/23/2016	DRAWN - DCP	REVISED -
	CHECKED - JIG	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS
STRUCTURE NO. 016-0461
SHEET NO. 137 OF 194 SHEETS

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-004 R&B (WB)	COOK	706	559
CONTRACT NO. 60X78				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY



REVISIONS		
DATE	BY	DESCRIPTION

DEPARTMENT OF HIGHWAYS
COOK COUNTY, ILLINOIS

WILLIAM N. ERICKSON
PRESIDENT BOARD OF COMMISSIONERS

GEORGE A. QUINLAN
SUPERVISOR OF HIGHWAYS

RETAINING WALL - R.O.W. - WEST SIDE OF CANAL ST.
CONGRESS STREET SUPERHIGHWAY
DES PLAINES STREET TO CANAL STREET

SECTION 062-2424 3B.4
SCALE AS NOTED

COMPUTED BY C.S.U.
DRAWN BY A.A.V.
CHECKED BY R.W.M.

APPROVED *[Signature]* 2/7/16

State Aid Ready No.	Fiscal Year	Sheet No.	Total Sheets	Drawing No.
62	950	139	139	CP383

0160461-60X78-5284-EXT.dgn

PARSONS BRINCKERHOFF

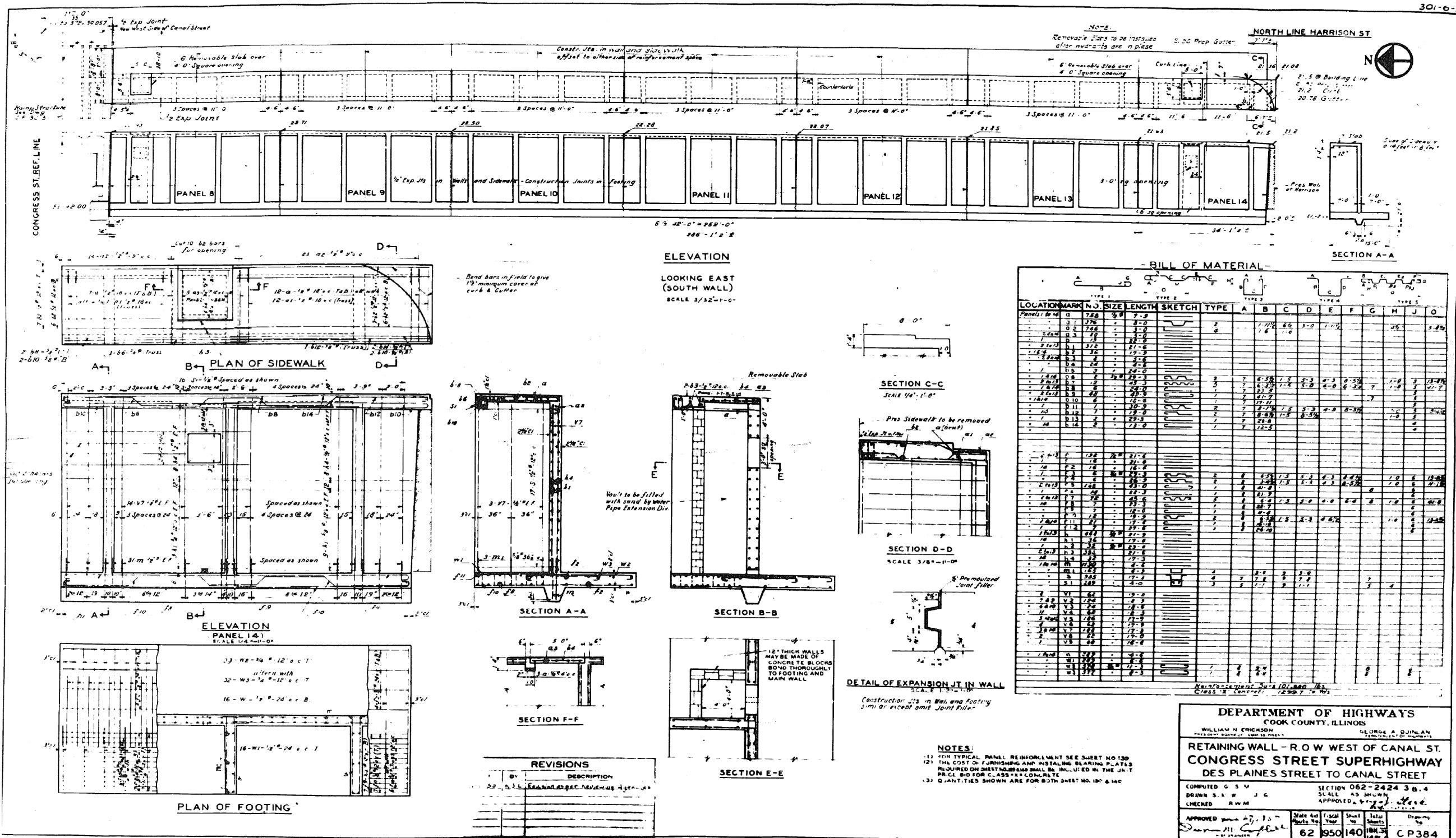
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PLOT SCALE = N.T.S.	CHECKED -	REVISED -
PLOT DATE = 3/23/2016	DRAWN - DCP	REVISED -
	CHECKED - JIG	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS
STRUCTURE NO. 016-0461
SHEET NO. 139 OF 194 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-004 R&B (WB)	COOK	706	561
CONTRACT NO. 60X78				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY



0160461-60X78-5285-EXT.dgn

PARSONS BRINCKERHOFF

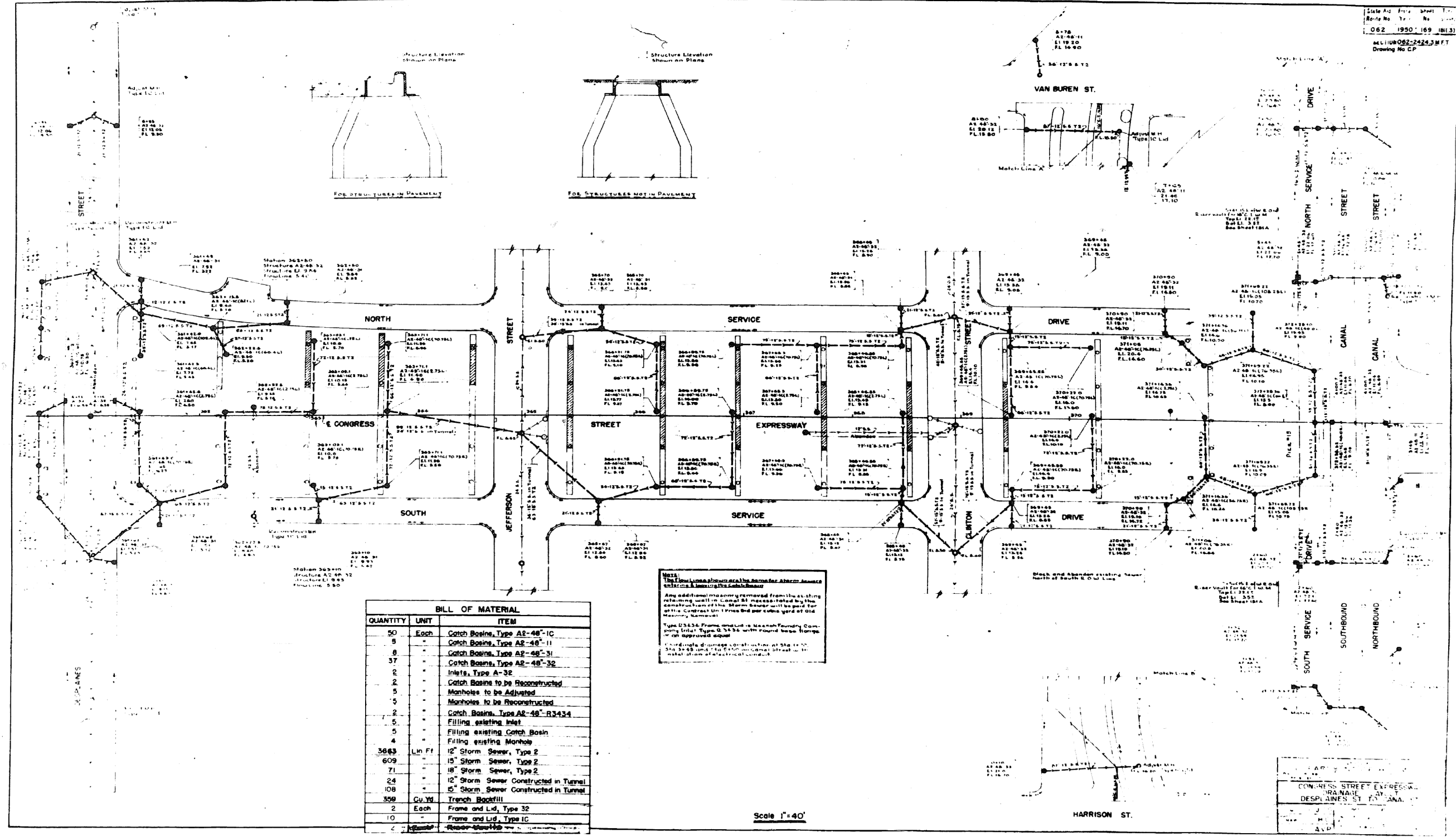
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PLOT SCALE = N.T.S.	CHECKED - DCP	REVISED -
PLOT DATE = 3/23/2016	DRAWN - DCP	REVISED -
	CHECKED - JIG	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EXISTING PLANS
 STRUCTURE NO. 016-0461
 SHEET NO. 140 OF 194 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-004 R&B (WB)	COOK	706	562
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X78	

FOR INFORMATION ONLY



State Ad. Proj. No. 062 1990 169 101.3
 Drawing No. CP

Scale 1"=40'

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PLOT DATE = 3/23/2016	DRAWN - DCP	REVISED -
	CHECKED - JIG	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EXISTING PLANS
 STRUCTURE NO. 016-0461
 SHEET NO. 141 OF 194 SHEETS

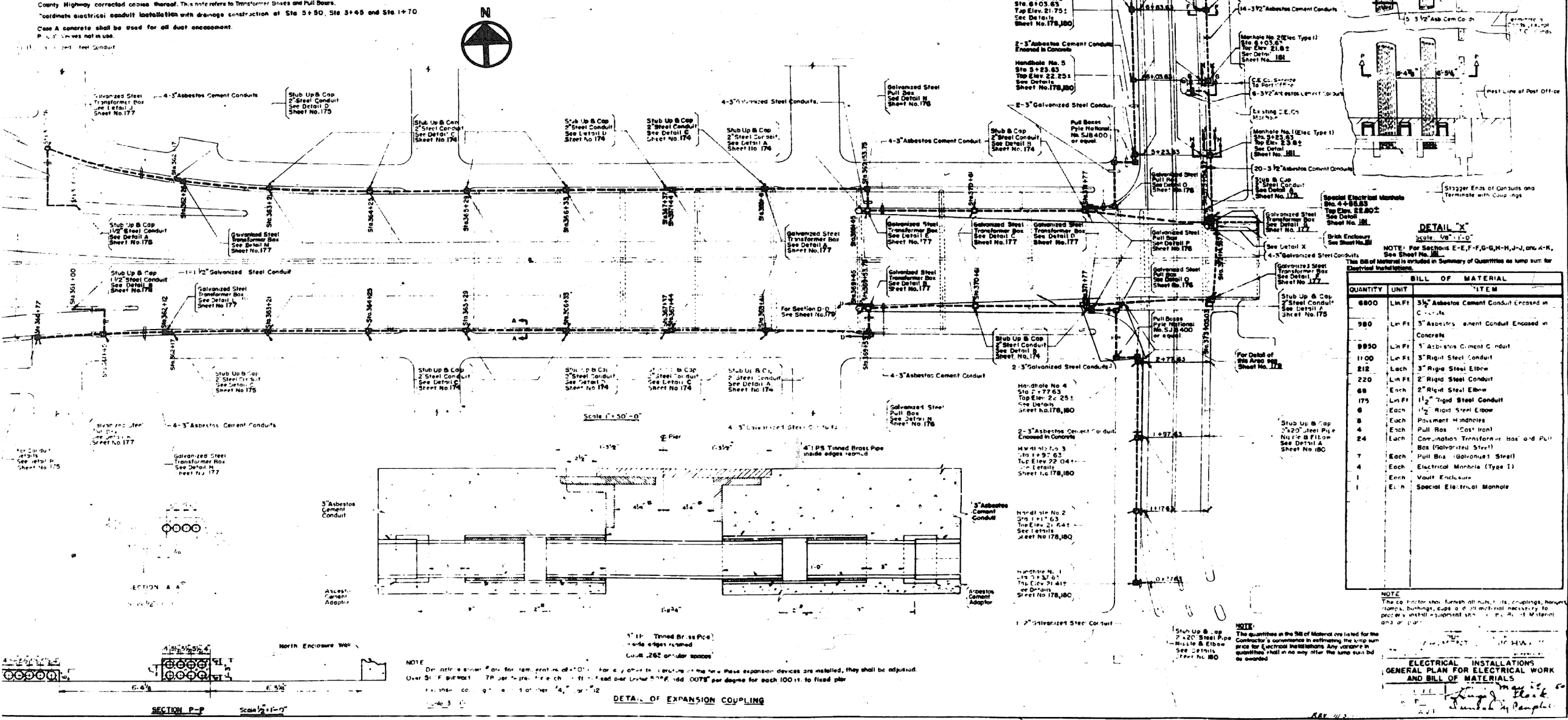
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-004 R&B (WB)	COOK	706	563
CONTRACT NO. 60X78				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY

NOTES:
 The asbestos cement conduit shall be run as straight as possible and shall be installed in a neat and workmanlike manner.
 Where joints cannot be drawn up tightly, they shall be sealed with an approved joint sealing compound to prevent concrete from entering the ducts. All joints shall be staggered a minimum of 6" unless otherwise noted so there are no unstaggered adjacent joints in either vertical or horizontal lines of ducts.
 Upon completion of a section of asbestos cement conduit and before acceptance by the engineer, the contractor shall test same by passing thru each completed straight run of duct an iron-clad standard 1/2" long, the diameter of which is 1/4" less than the inside diameter of the duct and through other than straight runs a similar standard 5" long. The inside surfaces of all ducts shall be cleaned by forcing an approved scrub through the duct. If obstructions are encountered which cannot be removed by rubbing or if any conditions are discovered that in the opinion of the engineer may result in damage to wires and cables pulled through the duct, the duct shall be removed and replaced by the contractor in a manner approved by the engineer, without additional cost. Wooden plugs shall be placed in each duct opening.
 Within thirty days after the award of the contract and before any work is performed, the contractor shall submit for approval by the Superintendent of Highways of the County of Cook, State of Illinois, the following data:

Complete manufacturers specifications on rigid steel conduit and fittings.
 Complete and detailed shop drawings as to dimensions, sizes and strength of members, size and type of welds, and method of fabrication. The contractor shall make any corrections required on such shop drawings and shall file with Superintendent of Cook County Highway corrected copies thereof. This note refers to Transformer Boxes and Pull Boxes.
 Coordinate electrical conduit installation with drainage construction at Site 5+80, Site 8+45 and Site 1+70.
 Case A concrete shall be used for all duct encasement.
 P.S.T. covers not shown.

Anchor Bolts for Light Standards shall be weather-proofed and wrapped with butyl coating to protect threads.
 Rigid steel conduit and fittings to be National Electric Products Standard or equal.
 The brass sleeves for expansion couplings shall be of the size and length shown on the plans and shall be made from brass pipe, Grade A, standard, conforming with the requirements of Federal Specification for pipe, brass, seamless, non-pipe-size, standard and extra strong WW-P-351.
 Assembly and fabrication of transformer pull boxes and pull boxes, shall conform to Art. 25.6 (B) of the State's Standard Specifications for Road and Bridge Construction. Mounting bars, angles and plate connections shall have a continuous weld throughout. No tack welding will be permitted. All material shall be made of open hearth steel of the quality conforming to the Standard Specifications for Steel for Bridges and Buildings, A.S.T.M. Designation A7 and shall be galvanized after complete fabrication. Galvanizing shall conform to the requirements of Technical Specifications for Zinc Coating (Hot Dip) on Iron and Steel A.S.T.M. Designation A153. The zinc coating shall withstand a Process test of not less than four (4) minute immersion, the coating shall adhere firmly and shall be smooth and free from any imperfections that would impair its serviceability.
 Asbestos cement conduit and fittings to be Johns-Manville "Tonolite" or equal.
 A suitable method of grounding must be provided for all metal bases and exposed metal conduit and connections.
 Basis of Payment: This work shall be paid for at the lump sum price shown in the schedule of prices for Electrical Installations, which price shall include all labor, materials, equipment, tools and incidentals necessary to complete the work as specified and as shown on the plans.



BILL OF MATERIAL	
QUANTITY	UNIT
6800	Lin Ft
980	Lin Ft
9950	Lin Ft
1100	Lin Ft
212	Each
220	Lin Ft
68	Each
175	Lin Ft
6	Each
8	Each
4	Each
24	Each
7	Each
4	Each
1	Each
1	Each

NOTE:
 The contractor shall furnish all nuts, washers, couplings, hangers, clamps, bushings, edge and all material necessary to properly install equipment shown on the plans. Material and labor to be paid for by the contractor.
 The quantities in the Bill of Material are listed for the Contractor's convenience in estimating the lump sum price for electrical installations. Any variance in quantities shall in no way alter the lump sum bid to be awarded.
ELECTRICAL INSTALLATIONS GENERAL PLAN FOR ELECTRICAL WORK AND BILL OF MATERIALS
 90/94/290
 2014-004 R&B (WB)
 COOK
 706 564
 CONTRACT NO. 60X78
 ILLINOIS FED. AID PROJECT

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	CHECKED - JIG	REVISED -

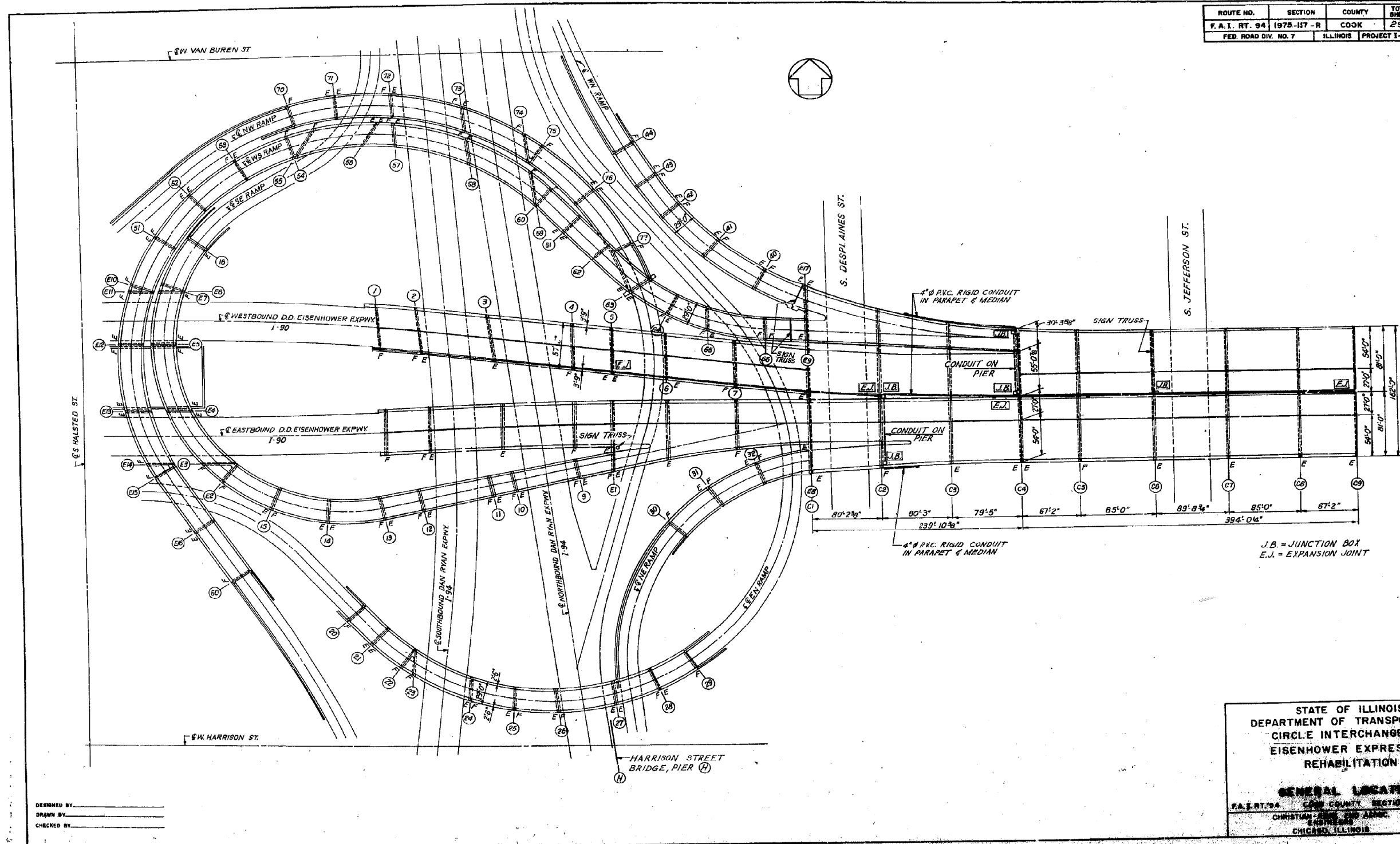
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EXISTING PLANS
 STRUCTURE NO. 016-0461
 SHEET NO. 142 OF 194 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-004 R&B (WB)	COOK	706	564
CONTRACT NO. 60X78			ILLINOIS FED. AID PROJECT	

FOR INFORMATION ONLY

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F. A. I. RT. 94	1978-117-R	COOK	290	27
FED. ROAD DIV. NO. 7	ILLINOIS	PROJECT I-IX-94-81		



DESIGNED BY: _____
 DRAWN BY: _____
 CHECKED BY: _____

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 CIRCLE INTERCHANGE AND
 EISENHOWER EXPRESSWAY
 REHABILITATION

GENERAL LOCATION
 F.A.I. RT. 94 COOK COUNTY SECTION 1978-117-R
 CHRISTIAN - BRIDGE AND ABAND.
 EAST RAMP
 CHICAGO, ILLINOIS

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PLOT DATE = 3/23/2016	DRAWN - DCP	REVISED -
	CHECKED - JIG	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

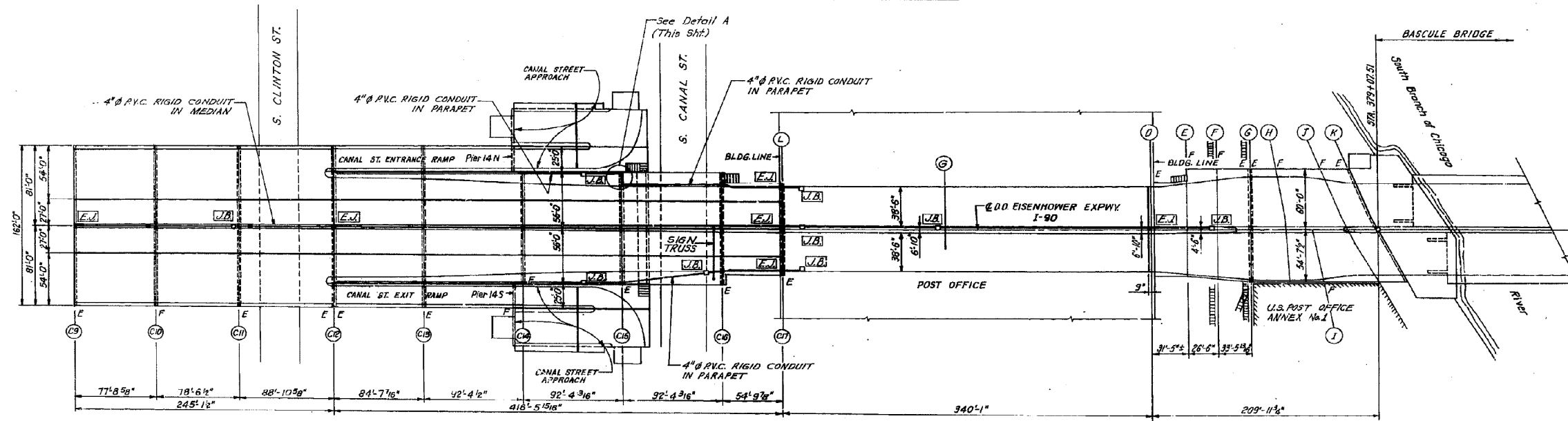
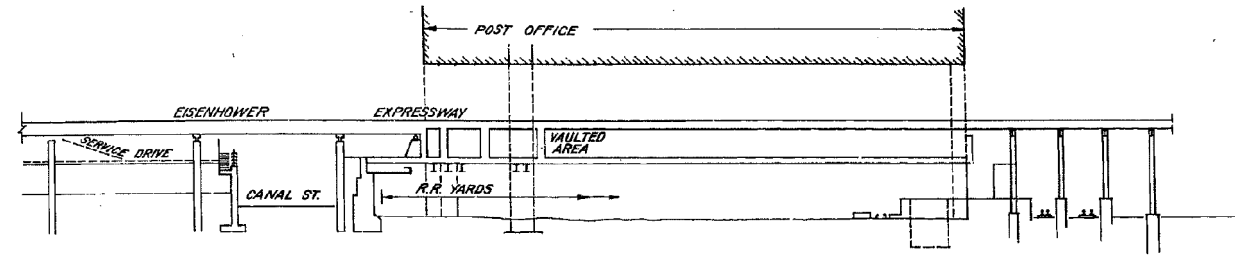
EXISTING PLANS
 STRUCTURE NO. 016-0461
 SHEET NO. 143 OF 194 SHEETS

F.A.I. RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-004 R&B (WB)	COOK	706	565
				CONTRACT NO. 60X78

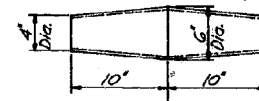
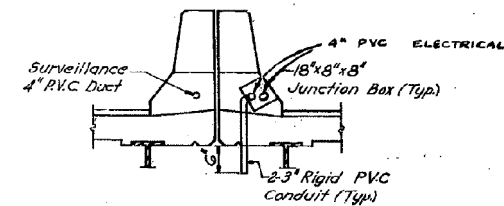
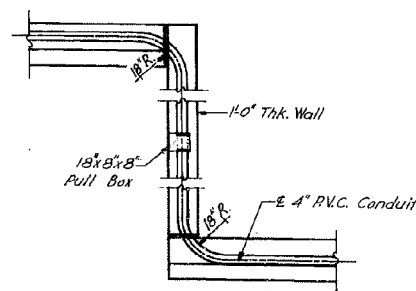
ILLINOIS FED. AID PROJECT

FOR INFORMATION ONLY

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. RT. 94	1975-117-R	COOK	290	25
FED. ROAD DIV. NO. 7	ILLINOIS	PROJECT 1-11-94-3()		



J.B. = Junction Box
E.J. = Expansion Joint



DESIGNED BY: _____
DRAWN BY: _____
CHECKED BY: _____

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
CIRCLE INTERCHANGE AND
EISENHOWER EXPRESSWAY
REHABILITATION

GENERAL LOCATION
F.A.I. RT. 94 COOK COUNTY SECTION 1975-117-R
CHRISTIAN & ASSOC.
ENGINEERS
CHICAGO, ILLINOIS

**PARSONS
BRINCKERHOFF**

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DRAWN - DCP
CHECKED - JIG
PLOT SCALE = N.T.S.
PLOT DATE = 3/23/2016

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS
STRUCTURE NO. 016-0461
SHEET NO. 144 OF 194 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-004 R&B (WB)	COOK	706	566
				CONTRACT NO. 60X78
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 94	1975-117-R	COOK	290	106
FED. ROAD DIST. NO. 7	ILLINOIS	PROJECT 1-1X-94-3()		

GENERAL NOTES

ALL NEW STRUCTURAL STEEL SHALL BE SHOP PAINTED WITH TWO COATS OF BASIC LEAD SILICO CHROMATE PAINT.

FIELD WELDING OF CONSTRUCTION ACCESSORIES WILL NOT BE PERMITTED TO THE BOTTOM FLANGE OF BEAMS OR GIRDERS NOR TO THE TOP FLANGE FOR A DISTANCE EQUAL TO ONE-FOURTH THE SPAN LENGTH EACH WAY FROM THE PIER SUPPORTS. FIELD WELDING IN OTHER AREAS WILL BE PERMITTED ONLY WHEN APPROVED BY THE ENGINEER.

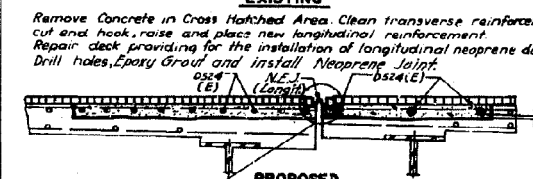
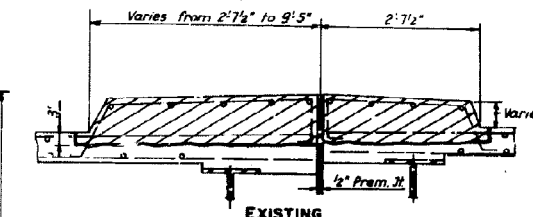
IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.

THE CONCRETE RAIL SECTION ABOVE THE MANDATORY CONSTRUCTION JOINT AT THE TOP OF THE SLAB SHALL BE CONSTRUCTED OF CLASS X CONCRETE, EXCEPT THE AGGREGATES SHALL CONFORM TO THE REQUIREMENTS OF HANDRAIL CONCRETE.

PROTECTIVE COAT SHALL NOT BE APPLIED TO SURFACES TO WHICH WATERPROOFING MEMBRANE SYSTEM IS APPLIED.

SPECIAL CARE SHALL BE TAKEN IN COMPACTING BITUMINOUS CONCRETE SURFACE ALONG EXPANSION JOINTS TO ACHIEVE PROPER DENSITY AND TO FORM 1/4" LIP. SMALLER ROLLERS AND STEEL FLATES SHALL BE USED FOR THIS PURPOSE AS DIRECTED BY THE ENGINEER.

ALL REINFORCEMENT BARS SHALL CONFORM TO A.A.S.H.T.O. M-31 GRADE 60 OR M-53 GRADE 60.



See Detail Sht. 567

SECTION N - N

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPERST.	SUBSTR.	TOTAL
Bridge Deck Overlay Removal	Sq. Yd.	3,610	---	3,610
Deck Slab Repair (Partial Depth)	Sq. Yd.	157	---	157
Deck Slab Repair (Full Depth)	Sq. Yd.	15	---	15
Waterproofing Membrane System	Sq. Yd.	4,638	---	4,638
Bit. Concrete Surface Course	Ton	390	---	390
Protective Coat	Sq. Yd.	510	---	510
Class X Concrete	Cu. Yd.	527	---	527
Reinforcement Bars	Lb.	24,300	---	24,300
Reinforcement Bars (Epoxy Coated)	Lb.	46,400	---	46,400
Repair Concrete Structure	Sq. Ft.	---	985	985
Concrete Removal	Cu. Yd.	142	---	142
Neoprene Expansion Jt. (Longitudinal)	Lin. Ft.	146	---	146
Premolded Joint Sealer (PJB)	Lin. Ft.	337	---	337
Removal of Superstructure No. 5A	Sq. Ft.	1	---	1
Epoxy Mortar Repair	Cu. Ft.	---	204.9	204.9

Note:
All Bars shown on this Sheet are billed on sheet 584

Min. Lap: 1'-8" For #5 Bars

Bars Indicated Thus 2x9-#5etc, Indicate 2 Lines of Bars With 9 Lengths per Line.

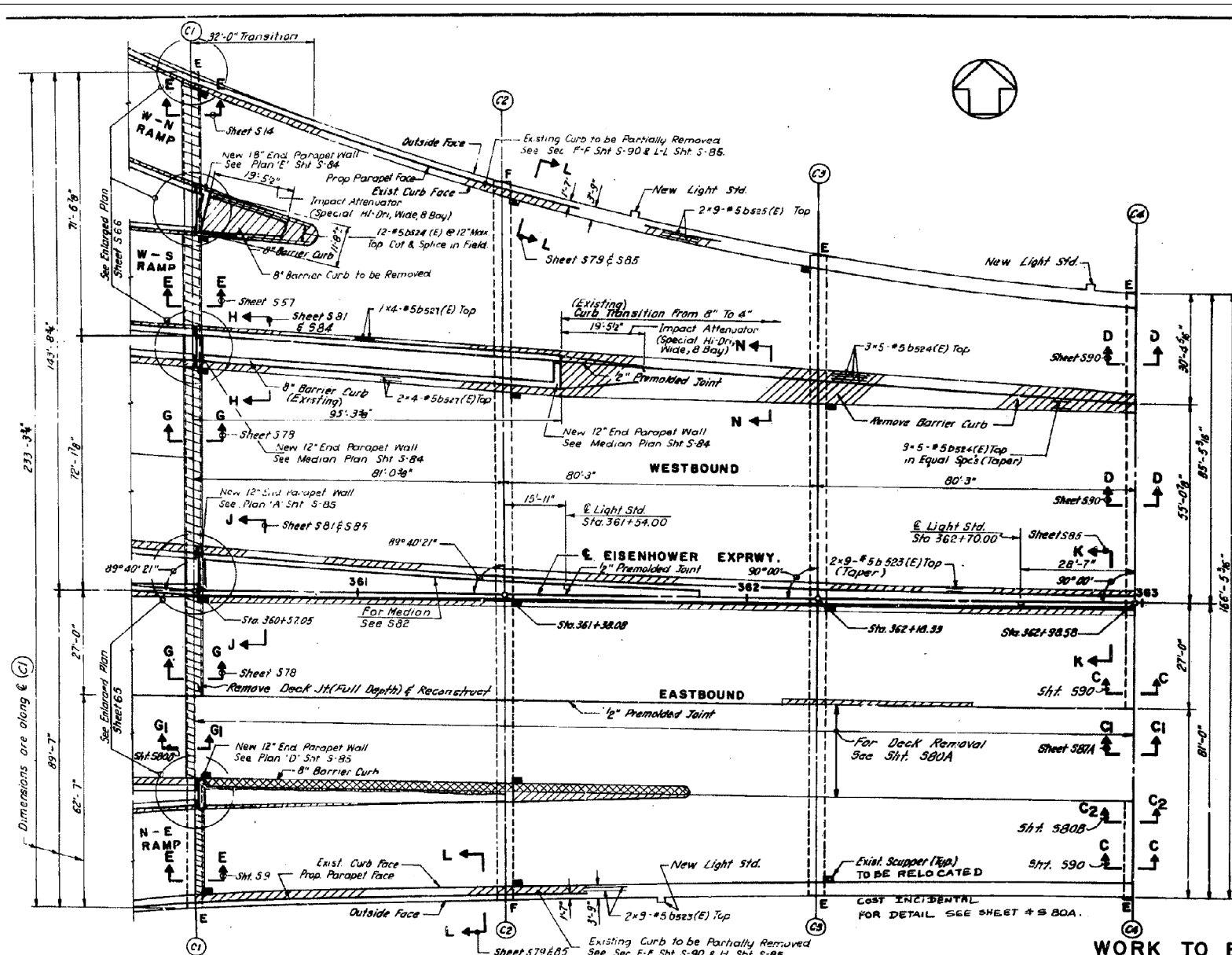
WORK TO BE PERFORMED

- 1- REMOVE EXISTING DECK SLAB FROM E EASTBOUND TO E BEAM (C4). REMOVE EXISTING OVERLAY FROM ENTIRE AREA.
- 2- REMOVE HANDRAIL AND PART OF EXISTING CURB AS WELL AS THE MEDIAN GUARDRAIL AND PART OF EXISTING MEDIAN, IF ANY, AS SHOWN ON THE CROSS-SECTIONS
- 3- REMOVE ALL LOOSE AND DETERIORATED CONCRETE FROM DECK AT LOCATIONS MARKED BY THE ENGINEER
- 4- RECONSTRUCT DECK SLAB FROM E EASTBOUND TO E BEAM (C4) USING EPOXY COATED TOP REINFORCEMENT. REPAIR REMAINDER OF DECK SLAB WITH CONCRETE.
- 5- CONSTRUCT CONCRETE PARAPET AND MEDIAN
- 6- RECONSTRUCT DECK EXPANSION JOINTS
- 7- WATERPROOF AND RESURFACE DECK WITH 1/2" BIT. SURF. COURSE
- 8- REPAIR SUBSTRUCTURES AS REQUIRED.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
CIRCLE INTERCHANGE AND
EISENHOWER EXPRESSWAY
REHABILITATION
GENERAL PLAN
BENT C1 TO BENT C4
F.A.I. RT. 94 COOK COUNTY SECTION 1975-117-R
CHRISTIAN ROSE AND ASSOC.
ENGINEERS
CHICAGO, ILLINOIS
SHEET
5906P

REV. 3-17-80 C/R-RES
REV. 3-14-80 C/R
REV. 1-18-80 C/R

Rev. 7-9-79 Rev. 10-17-70



PLAN

BENT C1 TO BENT C4

DESIGN SPECIFICATIONS

1977 A.A.S.H.T.O. and Interim Specifications as Applicable

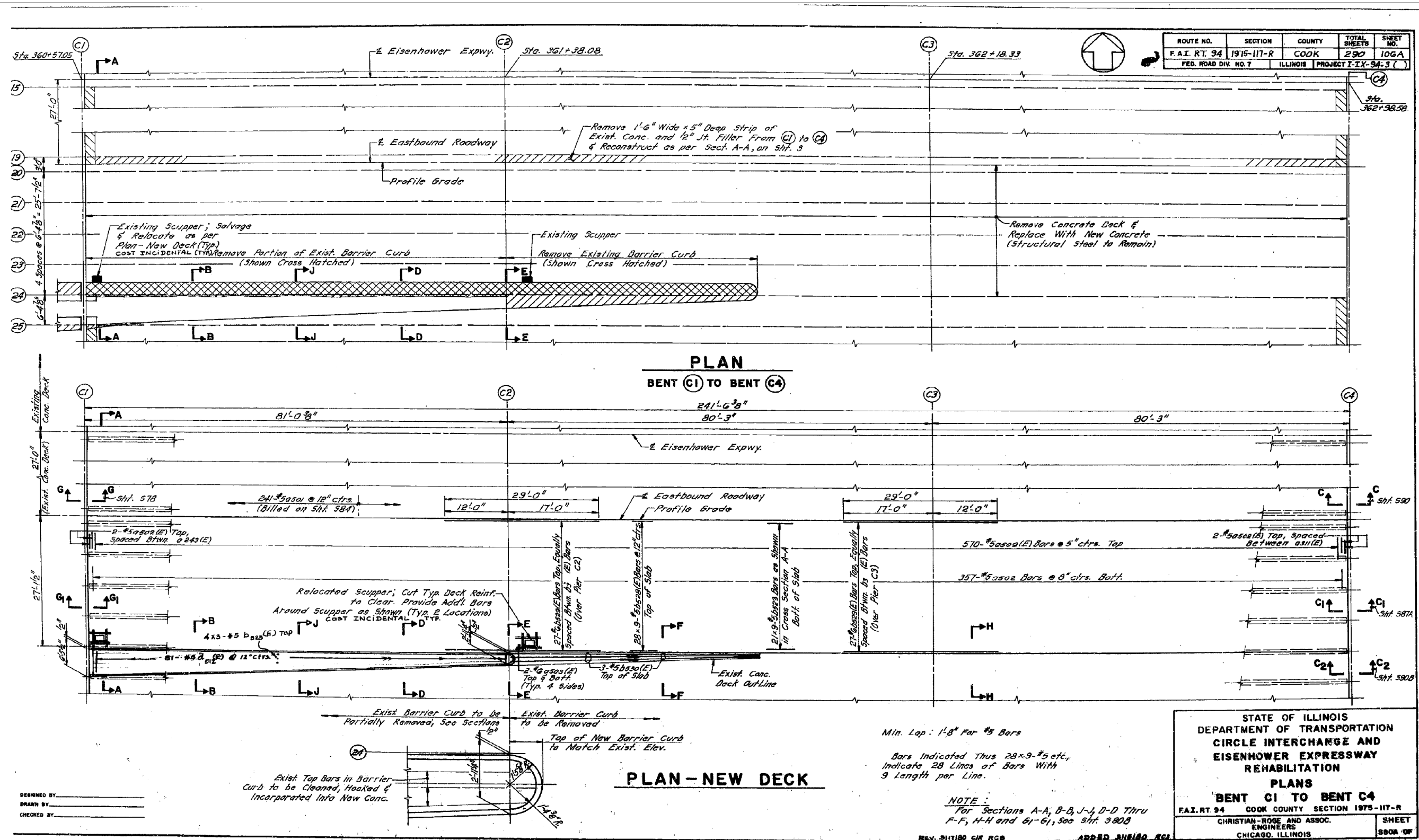
DESIGN STRESSES (NEW CONSTR.)

$f'_c = 3,500$ p.s.i., Deck Slab, Curb, Parapet
 $f_y = 60,000$ p.s.i., Reinforcement

PROFILE GRADE ALONG E. EISENHOWER
(Top of New Wearing Surface)

DESIGNED BY
DRAWN BY
CHECKED BY

FOR INFORMATION ONLY



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. RT. 94	1975-117-R	COOK	290	106A
FED. ROAD DIV. NO. 7	ILLINOIS	PROJECT I-X-94.3 ()		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
CIRCLE INTERCHANGE AND
EISENHOWER EXPRESSWAY
REHABILITATION
PLANS
BENT C1 TO BENT C4
F.A.I. RT. 94 COOK COUNTY SECTION 1975-117-R
CHRISTIAN-ROGE AND ASSOC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET
580A OF

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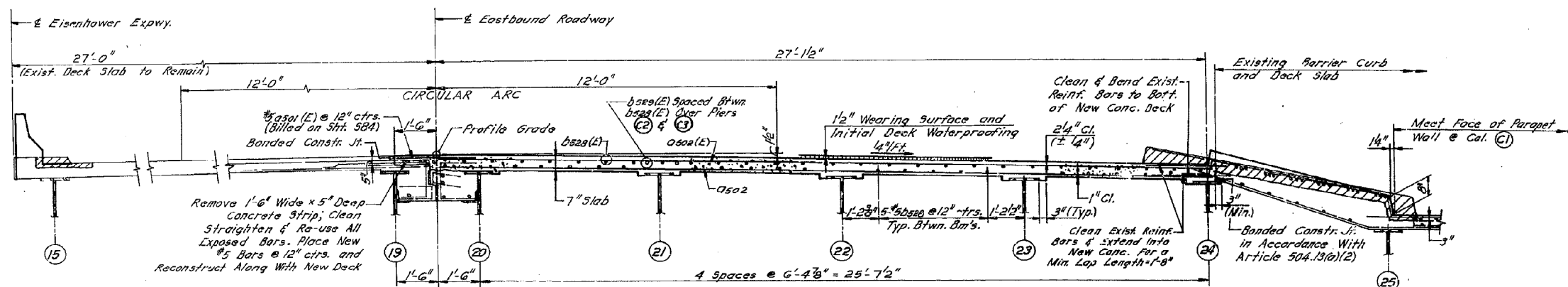
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS
STRUCTURE NO. 016-0461
SHEET NO. 146 OF 194 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-004 R&B (WB)	COOK	706	568
CONTRACT NO. 60X78				ILLINOIS FED. AID PROJECT

FOR INFORMATION ONLY

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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FED. ROAD DIV. NO. 7	ILLINOIS	PROJECT I-IX-94-3(C)		



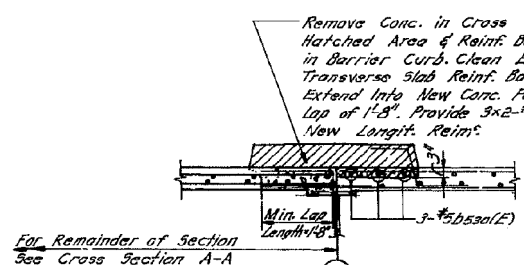
BILL OF MATERIAL

BAR	NO.	SIZE	LENGTH	SHAPE
os02	357	#5	27'-0"	
os02(E)	570	#5	27'-0"	
os02(E)	32	#6	6'-0"	
bs20	60	#5	28'-3"	
bs20(E)	20	#5	28'-3"	
bs20(E)	54	#6	29'-0"	
bs20(E)	6	#8	24'-4"	
ds12(E)	01	#5	4'-6"	

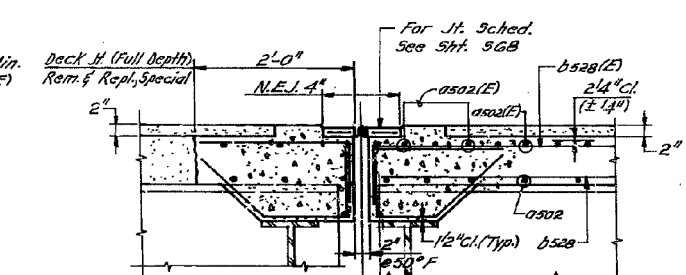
Material	Unit	Quantity
Reinforcement Bars	Lb.	15,620
Reinforcement Bars (Epoxy Coated)	Lb.	26,270
Class X Concrete	Cu. Yd.	174
Concrete Removal	Cu. Yd.	11

Reinforcement Bars Designated (E) shall be Epoxy Coated. See Special Provisions, 2-6"

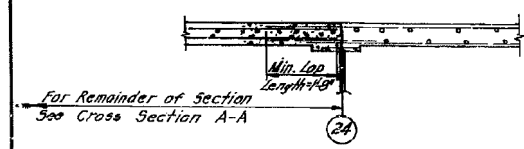
CROSS SECTION A-A



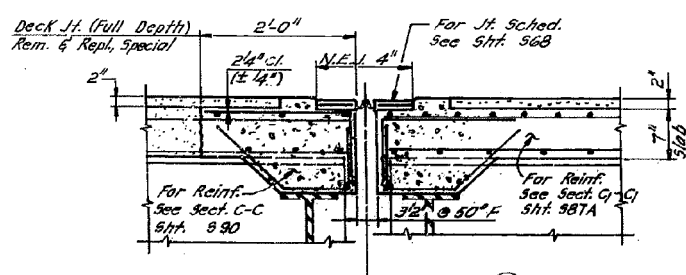
SECTION F-F
FROM STA. 361+38.08
TO STA. 361+85.03



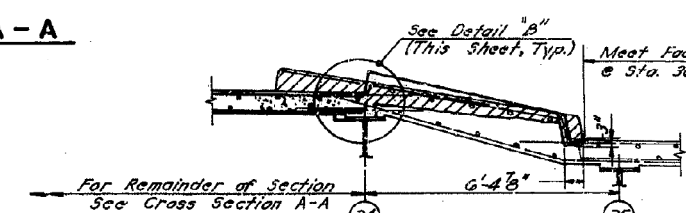
SECTION G1-G1 (PROPOSED)



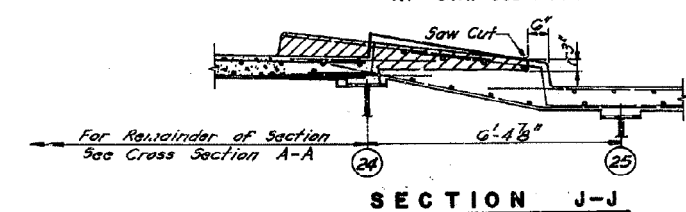
SECTION H-H
FROM STA. 361+85.03
TO STA. 362+98.58



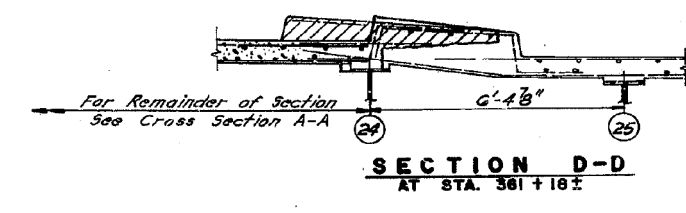
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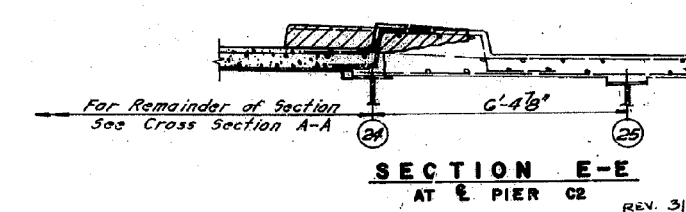
SECTION B-B
AT STA. 360+78±



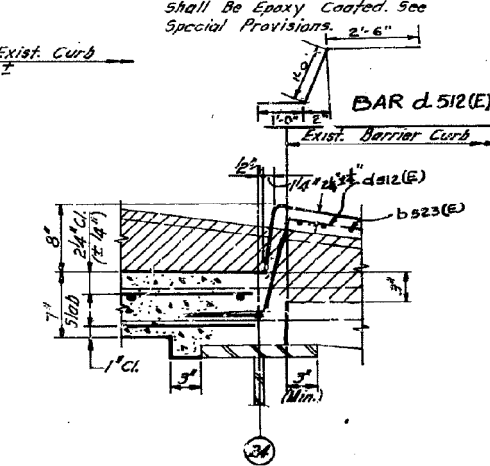
SECTION J-J
AT STA. 360+98±



SECTION D-D
AT STA. 361+18±



SECTION E-E
AT & PIER C2



DETAIL B

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
CIRCLE INTERCHANGE AND
EISENHOWER EXPRESSWAY
REHABILITATION
SECTIONS AND DETAILS
BENT C1 TO BENT C4
F. A. I. RT. 94 COOK COUNTY SECTION 1975-117-R
CHRISTIAN-ROGE AND ASSOC.
ENGINEERS
CHICAGO, ILLINOIS

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PLOT DATE = 3/23/2016	DRAWN - DCP	REVISED -
	CHECKED - JIG	REVISED -

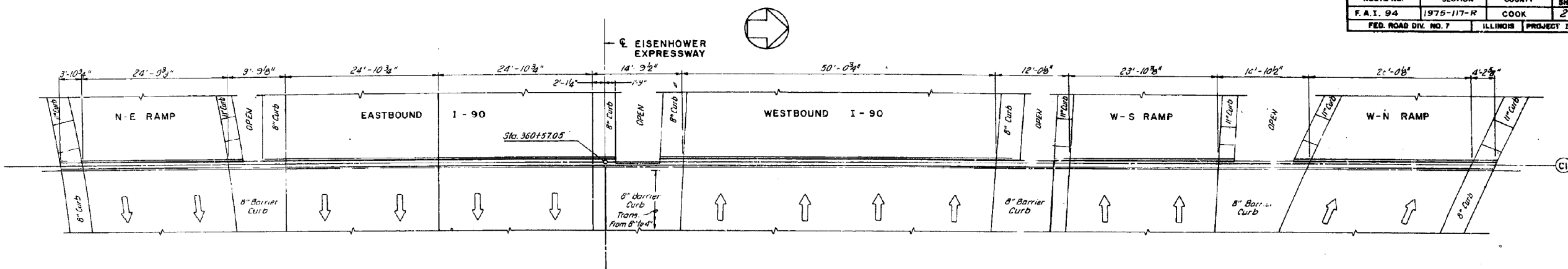
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS
STRUCTURE NO. 016-0461
SHEET NO. 147 OF 194 SHEETS

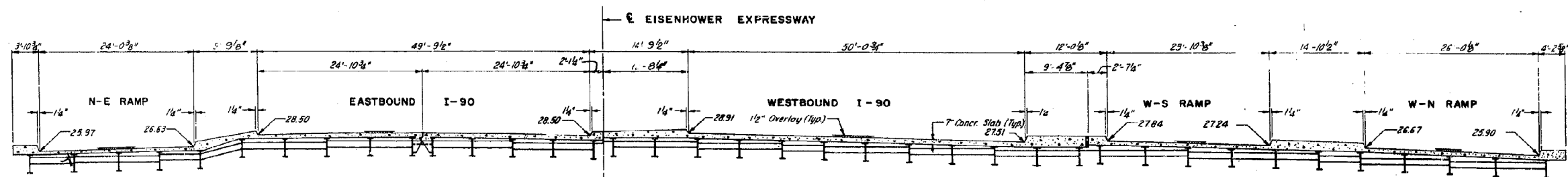
F. A. I. RT. 94	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-004 R&B (WB)	COOK	706	569
				CONTRACT NO. 60X78
				ILLINOIS FED. AID PROJECT

FOR INFORMATION ONLY

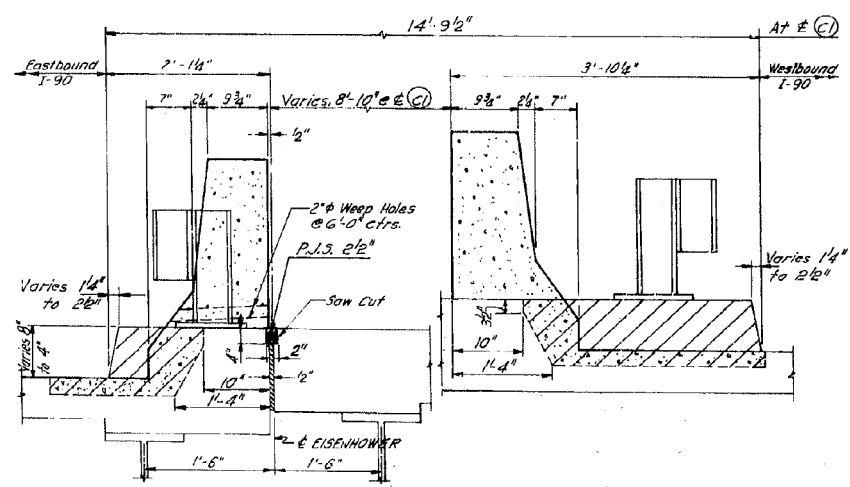
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 94	1975-117-R	COOK	290	107
FED. ROAD DIV. NO. 7	ILLINOIS	PROJECT I-IX-94-3()		



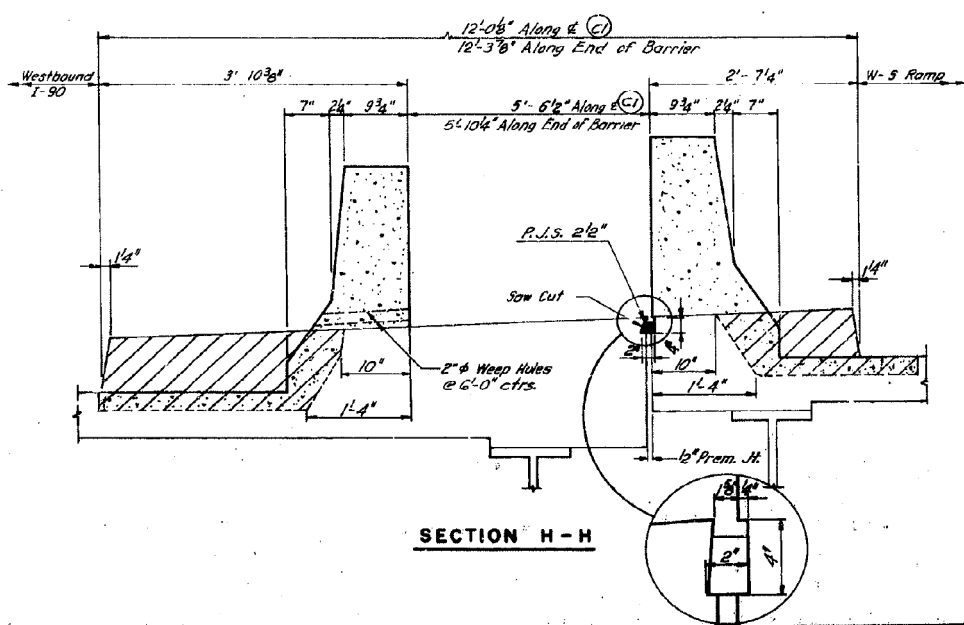
PLAN AT BENT CI



SECTION AT BENT CI
LOOKING WEST



SECTION J-J



SECTION H-H

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
CIRCLE INTERCHANGE AND
EISENHOWER EXPRESSWAY
REHABILITATION
DECK DETAILS AT BENT CI
BENT CI TO BENT C4
F.A.I. RT. 34 COOK COUNTY SECTION 1975-117-R
CHRISTIAN-ROBE AND ASSOC.
ENGINEERS
CHICAGO, ILLINOIS

DESIGNED BY: _____
DRAWN BY: _____
CHECKED BY: _____

0160461-60X78-5283-EXT.dgn

**PARSONS
BRINCKERHOFF**

USER NAME = pateld	DESIGNED -	REVISED -
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	CHECKED - JIG	REVISED -

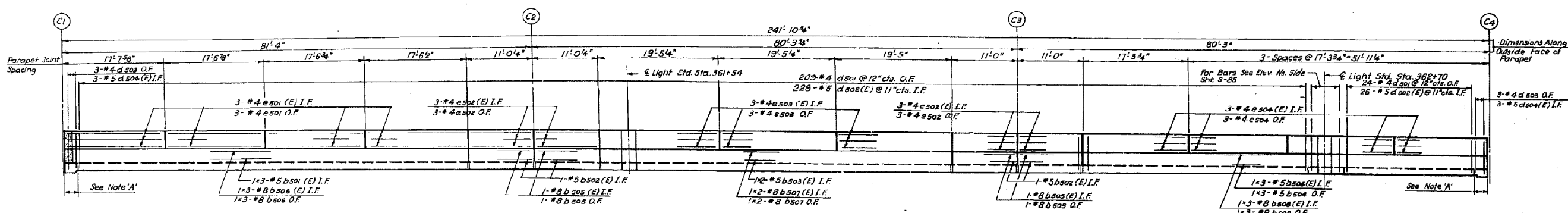
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS
STRUCTURE NO. 016-0461
SHEET NO. 148 OF 194 SHEETS

F.A.I. R.T.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-004 R&B (WB)	COOK	706	570
				CONTRACT NO. 60X78
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY

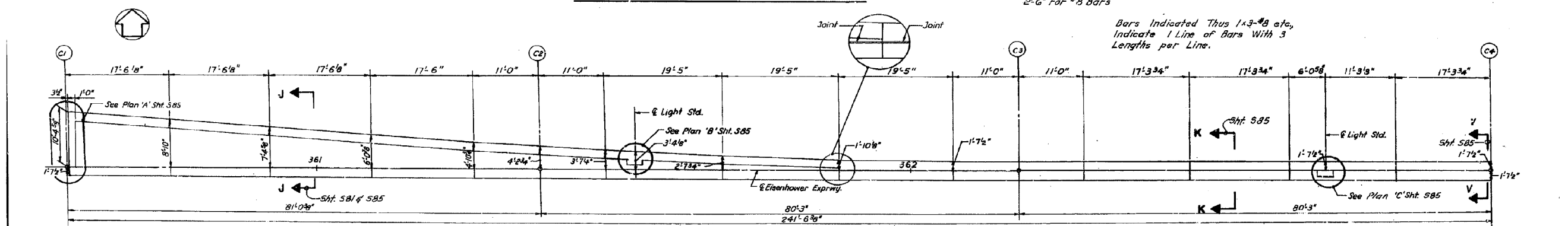
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 94	1975-117-R	COOK	290	108
FED. ROAD DIV. NO. 7	ILLINOIS	PROJECT I-IX-94-3()		



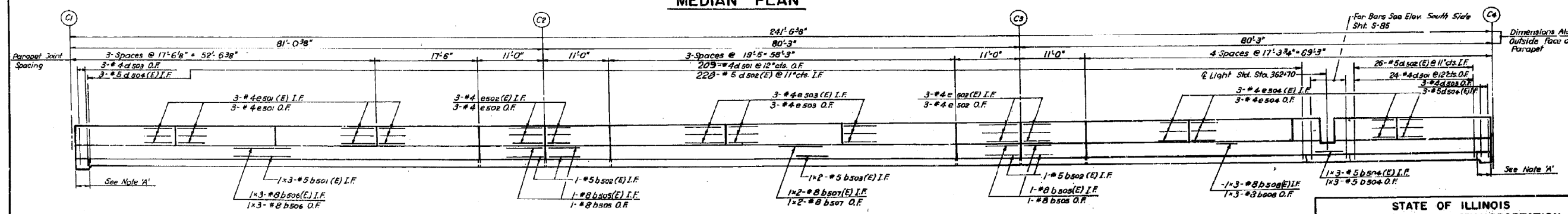
ELEVATION MEDIAN NORTH SIDE

Min. Lap: 1'-8" For #5 Bars
2'-6" For #8 Bars

Bars Indicated Thus 1-#3-#8 etc., Indicate 1 Line of Bars With 3 Lengths per Line.



MEDIAN PLAN



ELEVATION MEDIAN SOUTH SIDE

NOTE A:
Deck Joint (Full Depth) Removal and Replacement Special

NOTE:
All Bars Shown on This Sheet are Billed on Sht. 5-85. For Bill of Material See Sht. 5-85.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
CIRCLE INTERCHANGE AND
EISENHOWER EXPRESSWAY
REHABILITATION
MEDIAN
BENT C1 TO BENT C4
F.A.I. RT. 94 COOK COUNTY SECTION 1975-117-R
CHRISTIAN-ROGE AND ASSOC.
ENGINEERS
CHICAGO, ILLINOIS

DESIGNED BY _____
DRAWN BY _____
CHECKED BY _____

0160461-60X78-5294-EXT.dgn

PARSONS BRINCKERHOFF

USER NAME = pateld	DESIGNED -	REVISED -
PLOT SCALE = N.T.S.	CHECKED -	REVISED -
PLOT DATE = 3/23/2016	DRAWN - DCP	REVISED -
	CHECKED - JIG	REVISED -

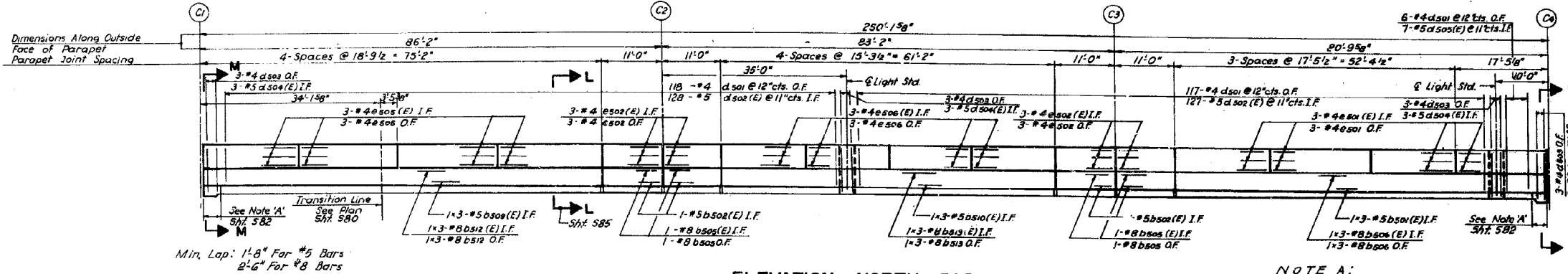
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS
STRUCTURE NO. 016-0461
SHEET NO. 149 OF 194 SHEETS

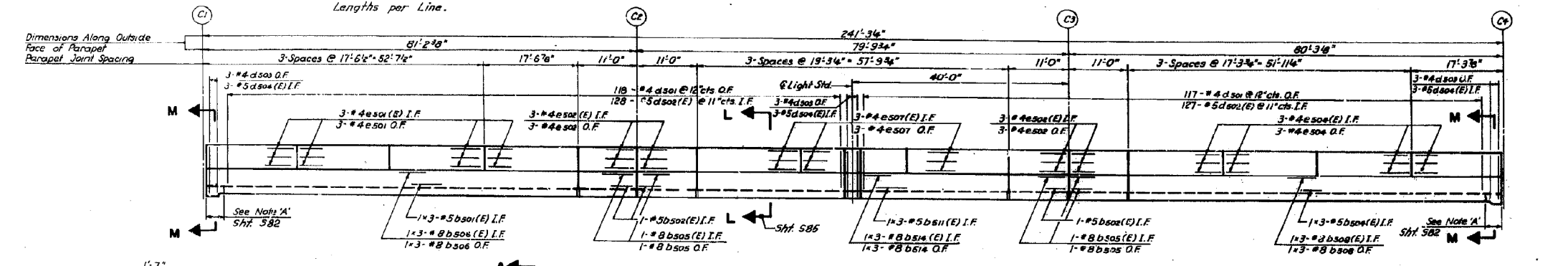
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-004 R&B (WB)	COOK	706	571
CONTRACT NO. 60X78				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
P.A.I. 94	1978-117-R	COOK	290	109
FED. ROAD DIV. NO. 7	ILLINOIS	PROJECT 1-IX-84-3()		



ELEVATION NORTH PARAPET



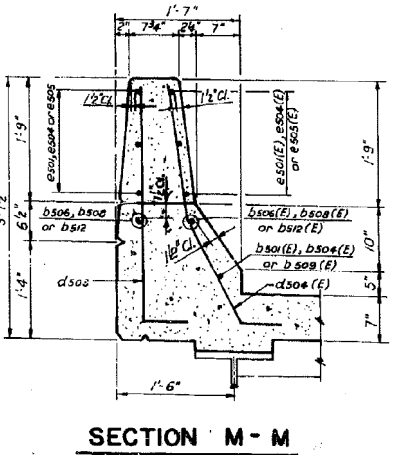
ELEVATION SOUTH PARAPET

BILL OF MATERIAL

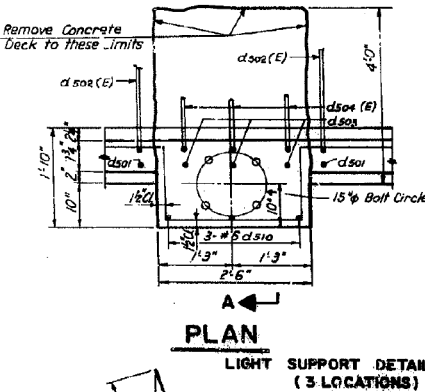
BAR	NO.	SIZE	LENGTH	SHAPE
bs01(E)	18	#5	24'-5"	
bs02(E)	20	#5	10'-8"	
bs03(E)	4	#5	29'-10"	
bs04	6	#5	24'-1"	
bs05(E)	9	#5	24'-1"	
bs06	20	#8	10'-8"	
bs07(E)	20	#8	10'-8"	
bs08	18	#8	25'-0"	
bs09(E)	18	#8	25'-0"	
bs10	4	#8	30'-4"	
bs11(E)	4	#8	30'-4"	
bs12	9	#8	24'-7"	
bs13(E)	9	#8	24'-7"	
bs14(E)	3	#5	26'-1"	
bs15(E)	3	#5	21'-5"	
bs16(E)	3	#5	20'-4"	
bs17	3	#8	26'-8"	
bs18(E)	3	#8	26'-8"	
bs19	3	#8	22'-0"	
bs20(E)	3	#8	22'-0"	
bs21	3	#8	20'-10"	
bs22(E)	3	#8	20'-10"	
bs23	4	#5	11'-8"	
bs24(E)	4	#5	11'-8"	
bs25(E)	2	#5	3'-3"	
bs26	2	#8	3'-3"	
bs27(E)	2	#8	3'-3"	
bs28	8	#5	8'-6"	
bs29(E)	8	#5	8'-6"	
bs30(E)	4	#5	5'-9"	
bs31(E)	4	#5	11'-7"	
bs32(E)	4	#5	25'-8"	
bs33(E)	4	#5	5'-3"	
bs34(E)	8	#5	6'-0"	
ds01(E)	29	#4	3'-0"	
ds02(E)	123	#5	5'-6"	
ds03	52	#4	4'-4"	
ds04	1157	#4	3'-0"	
ds04(E)	48	#5	3'-11"	
ds05(E)	18	#7	3'-0"	
ds06	19	#6	8'-11"	
ds06(E)	5	#6	8'-11"	
ds07(E)	3	#6	3'-9"	
ds08(E)	3	#5	1'-7"	
ds09(E)	3	#5	3'-8"	
ds10	15	#6	4'-4"	
ds11	6	#6	3'-4"	
es01	72	#4	17'-3"	
es01(E)	12	#4	17'-3"	
es02	37	#4	10'-8"	
es03(E)	60	#4	10'-8"	
es04	18	#4	19'-1"	
es05(E)	18	#4	19'-1"	
es06	36	#4	17'-0"	
es06(E)	36	#4	17'-0"	
es08	12	#4	18'-6"	
es08(E)	12	#4	18'-6"	
es09	12	#4	15'-0"	
es09	9	#4	18'-11"	

BILL OF MATERIAL (CONT.)

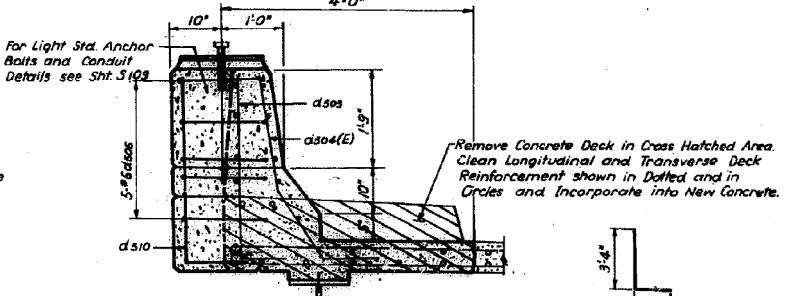
BAR	NO.	SIZE	LENGTH	SHAPE
es01(E)	9	#4	18'-11"	
es08	6	#4	3'-3"	
es08(E)	6	#4	3'-3"	
Reinforcement Bars		Lb.	8680	
Reinforcement Bars (Epoxy Coated)		Lb.	14640	
Class X Concrete		Cu.Yd.	124	
Protective Coat		Sq.Yd.	411	
Concrete Removal		Cu.Yd.	71	



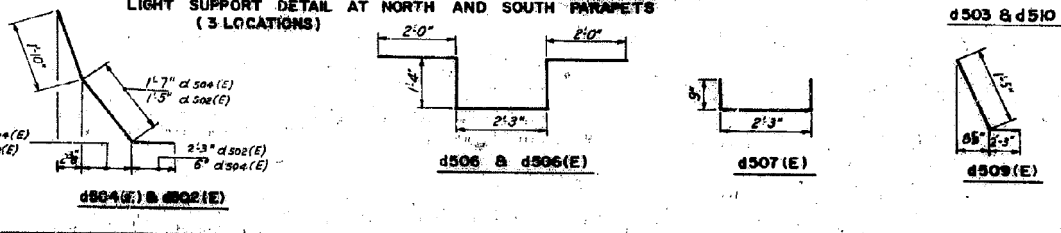
SECTION M-M



PLAN



SECTION A-A



LIGHT SUPPORT DETAIL AT NORTH AND SOUTH PARAPETS (3 LOCATIONS)

Reinforcement Bars	Lb.	8680
Reinforcement Bars (Epoxy Coated)	Lb.	14640
Class X Concrete	Cu.Yd.	124
Protective Coat	Sq.Yd.	411
Concrete Removal	Cu.Yd.	71

Reinforcement Bars Designated (E) Shall be Epoxy Coated. See Special Provisions.

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 CIRCLE INTERCHANGE AND
 EISENHOWER EXPRESSWAY
 REHABILITATION
 PARAPETS AND DETAILS
 SENT CI TO SENT C4

F.A.I. RT. 94	COOK COUNTY SECTION 157E-117-R	SHEET 282
CHRYSTINE M. AND ASSOC. ENGINEERS	CHICAGO, ILLINOIS	

Rev. 7-9-75

USER NAME = pateld	DESIGNED -	REVISED -
PLOT SCALE = N.T.S.	CHECKED -	REVISED -
PLOT DATE = 3/23/2016	DRAWN - DCP	REVISED -
	CHECKED - JIG	REVISED -

FOR INFORMATION ONLY

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F. A. I. 94	1975-117-R	COOK	290	110
FED. ROAD DIV. NO. 7	ILLINOIS	PROPERTY I-IX-94-31		

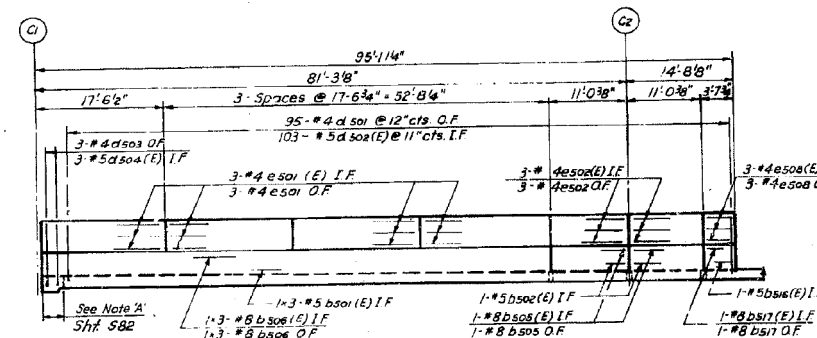
BILL OF MATERIAL

BAR	NO.	SIZE	LENGTH	SHAPE
asol(E)	241	#5	2'-9"	
b523(E)	48	#5	28'-4"	
b534(E)	72	#5	30'-9"	
b525(E)	18	#5	29'-4"	
b521(E)	12	#5	25'-3"	

Reinforcement Bars	Lb.
Reinforcement Bars (Epoxy Coated)	5,300
Class X Concrete	Cu. Yd. 29
Protective Coat	Sq. Yd. 99
Concrete Removal	Cu. Yd. 17

Reinforcement Bars Designated (E) Shall be Epoxy Coated. See Special Provision.

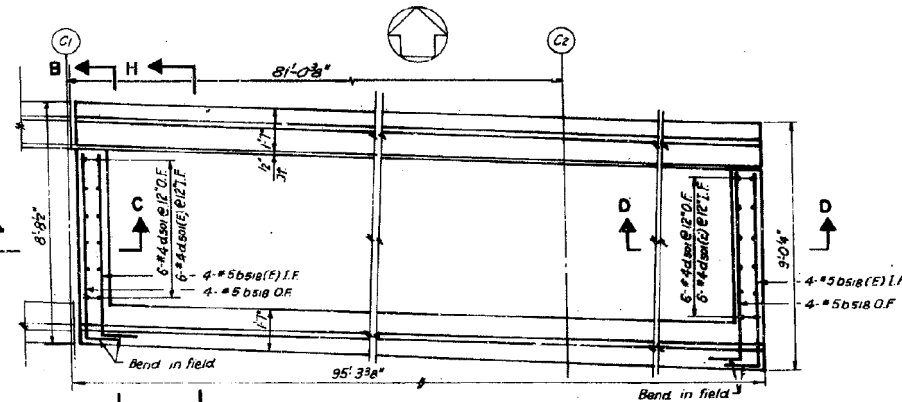
NOTE:
All Bars Shown on This Sheet Are Billed on Sht 583.



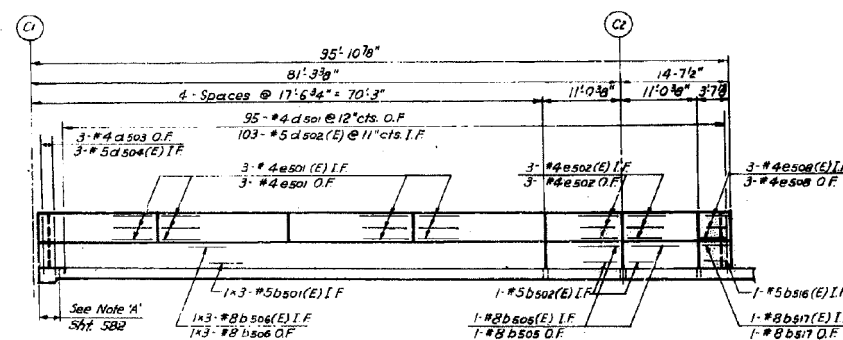
ELEVATION MEDIAN NORTH SIDE

Min. Lap: 1'-6" For #5 Bars
2'-0" For #8 Bars

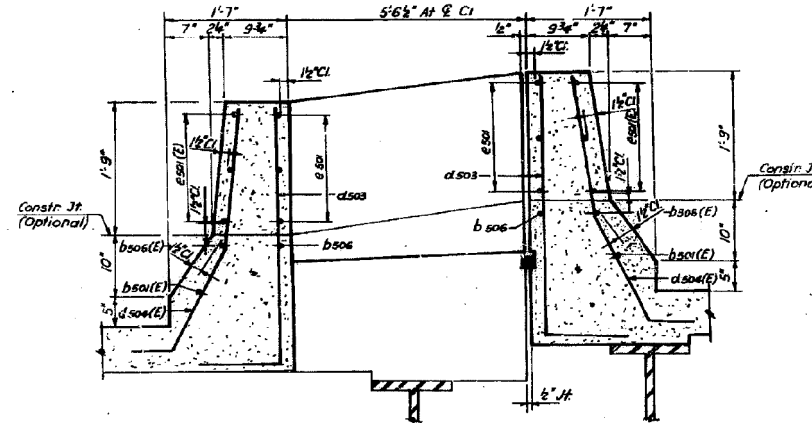
Bars Indicated Thus 1x3-#8 etc., Indicate 1 Line of Bars With 3 Lengths per Line.



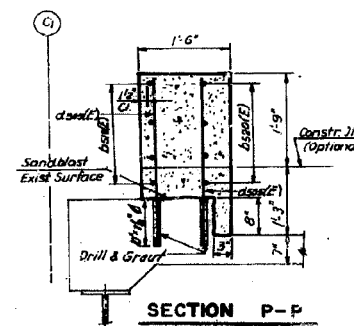
MEDIAN PLAN
BETWEEN W-S RAMP AND
W. BOUND ROADWAY



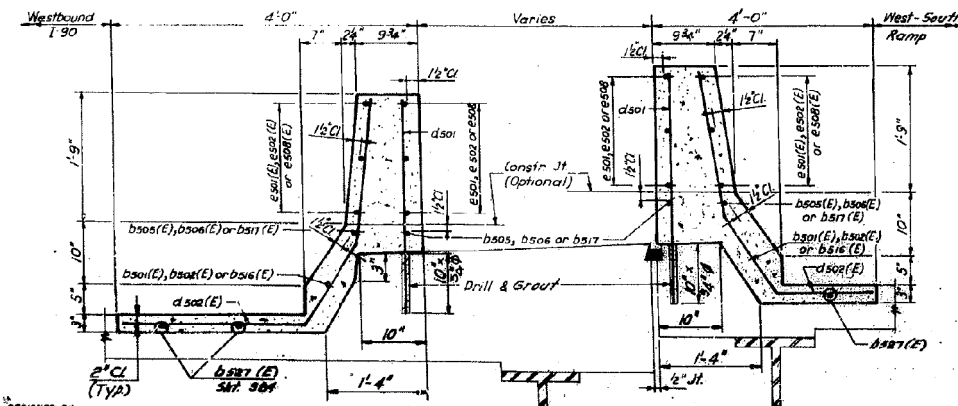
ELEVATION MEDIAN SOUTH SIDE



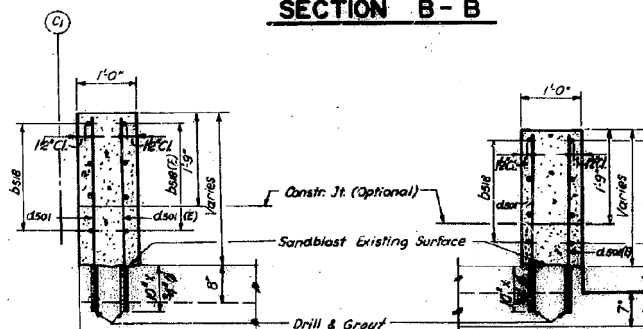
SECTION B-B



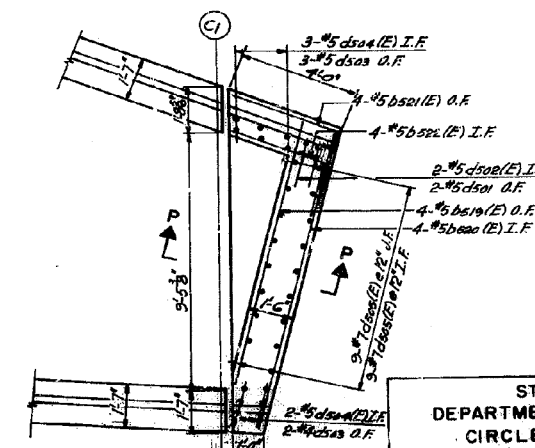
SECTION P-P



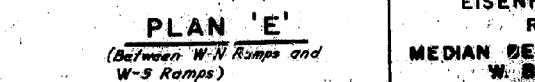
SECTION H-H



SECTION C-C



SECTION D-D



PLAN 'E'

(Between W-S Ramps and W-S Ramps)

For Concrete Removal See Sht 566

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
CIRCLE INTERCHANGE AND
EISENHOWER EXPRESSWAY
REHABILITATION
MEDIAN BETWEEN W-S RAMP AND
W. BOUND ROADWAY
BENT C1 TO BENT C4
F. A. I. RT. 94
COOK COUNTY SECTION 1975-117-R
CHRYSLER ENGINEERS AND ASSOC.
ENGINEERS
CHICAGO, ILLINOIS
Rev. 7-3-75

0160461-60X78-5296-EXT.dgn

**PARSONS
BRINCKERHOFF**

USER NAME = pateld
DESIGNED -
CHECKED -
PLOT SCALE = N.T.S.
DRAWN - DCP
PLOT DATE = 3/23/2016
CHECKED - JIG

DESIGNED -
CHECKED -
DRAWN - DCP
CHECKED - JIG

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

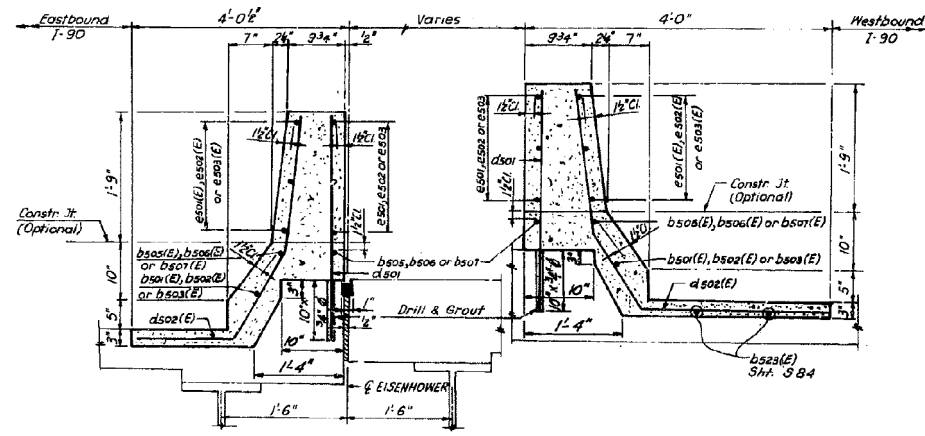
EXISTING PLANS
STRUCTURE NO. 016-0461

SHEET NO. 151 OF 194 SHEETS

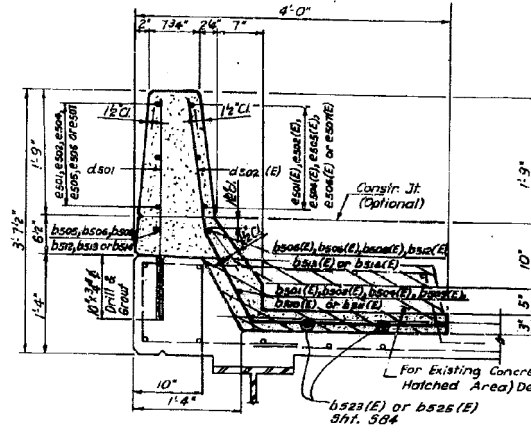
F. A. I. R.T.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-004 R&B (WB)	COOK	706	573
				CONTRACT NO. 60X78

ILLINOIS FED. AID PROJECT

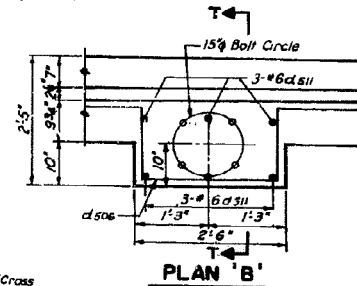
FOR INFORMATION ONLY



SECTION J-J

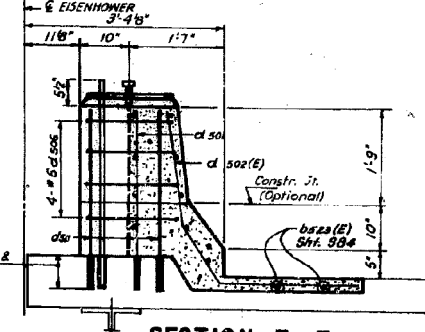


SECTION L-L



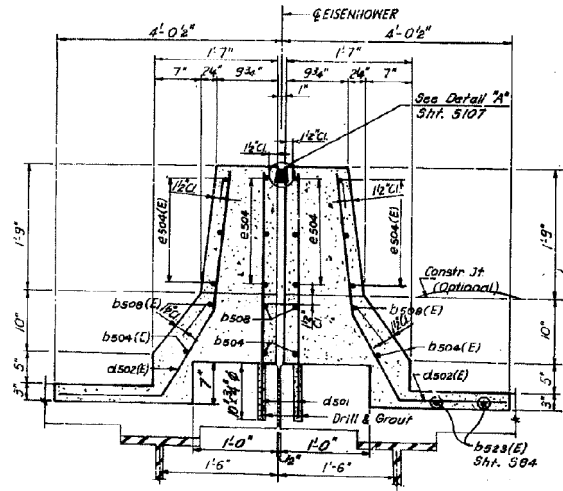
PLAN 'B'
MEDIAN DETAIL AT LIGHT STANDARD STA. 361+54

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 94	1975-117-R	COOK	290	111
FED. ROAD DIST. NO. 7	ILLINOIS	PROJECT I-1X-94-3		

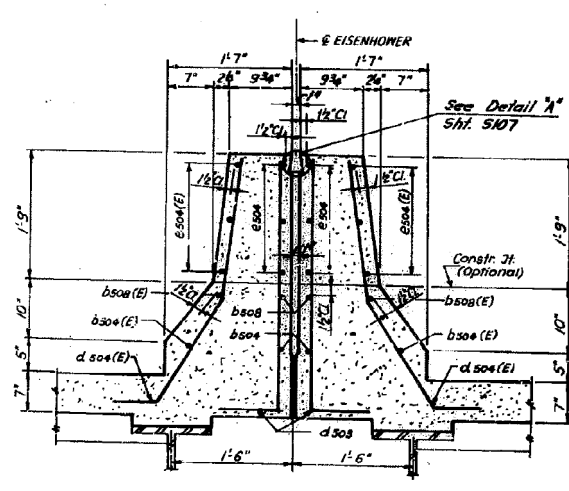


SECTION T-T

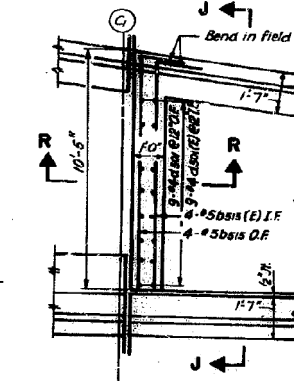
For Anchor Bolts & Conduit Details see Sht. 5-109



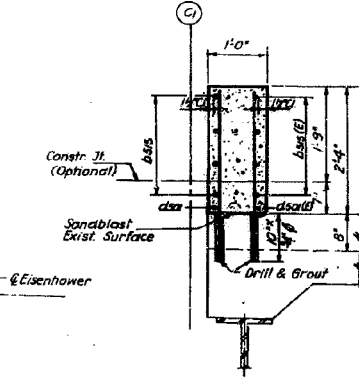
SECTION K-K



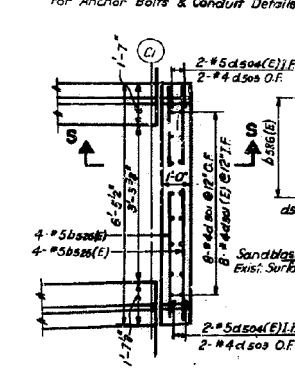
SECTION V-V



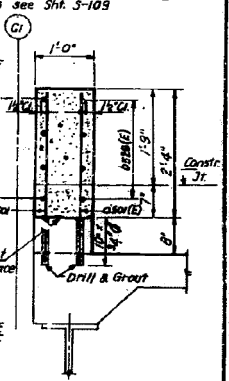
PLAN 'A'



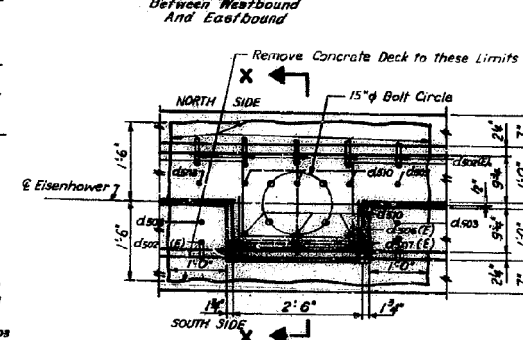
SECTION R-R



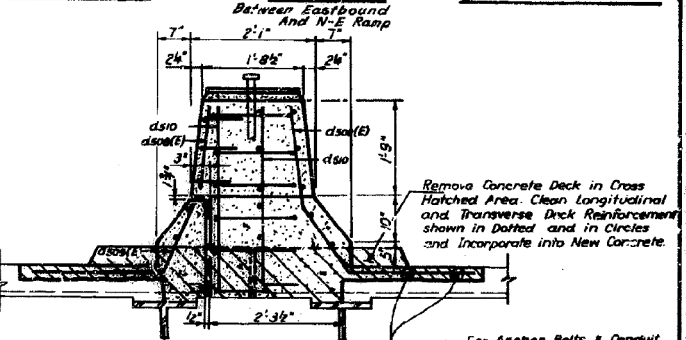
PLAN 'D'



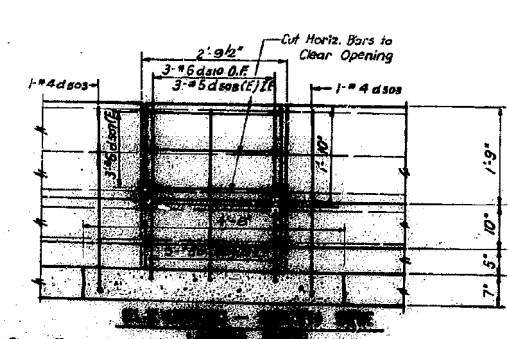
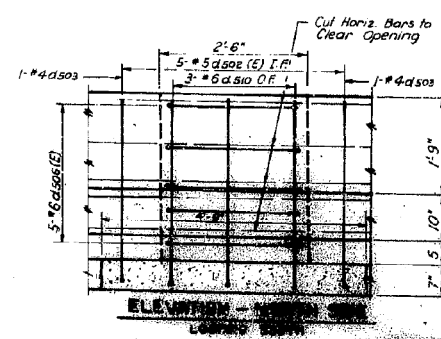
SECTION S-S



PLAN 'C'
MEDIAN DETAIL AT LIGHT STD.
STA. 362+70



SECTION X-X



NOTES:
All bars shown on this Sht. are billed on Sht. 503
For all remaining quantities see bill of material on Sht. 504

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
CIRCLE INTERCHANGE AND
EISENHOWER EXPRESSWAY
REHABILITATION
SECTIONS AND DETAILS
BENT C1 TO BENT C4
F.A.I. RT. 94 COOK COUNTY SECTION 1975-117-R
CHRISTIAN, ROSE AND ASSOC.
ENGINEERS
CHICAGO, ILLINOIS
SHEET NO. 152 OF 194 SHEETS
Rev. 7-5-79

0160461-60X78-5297-EXT.dgn

PARSONS
BRINCKERHOFF

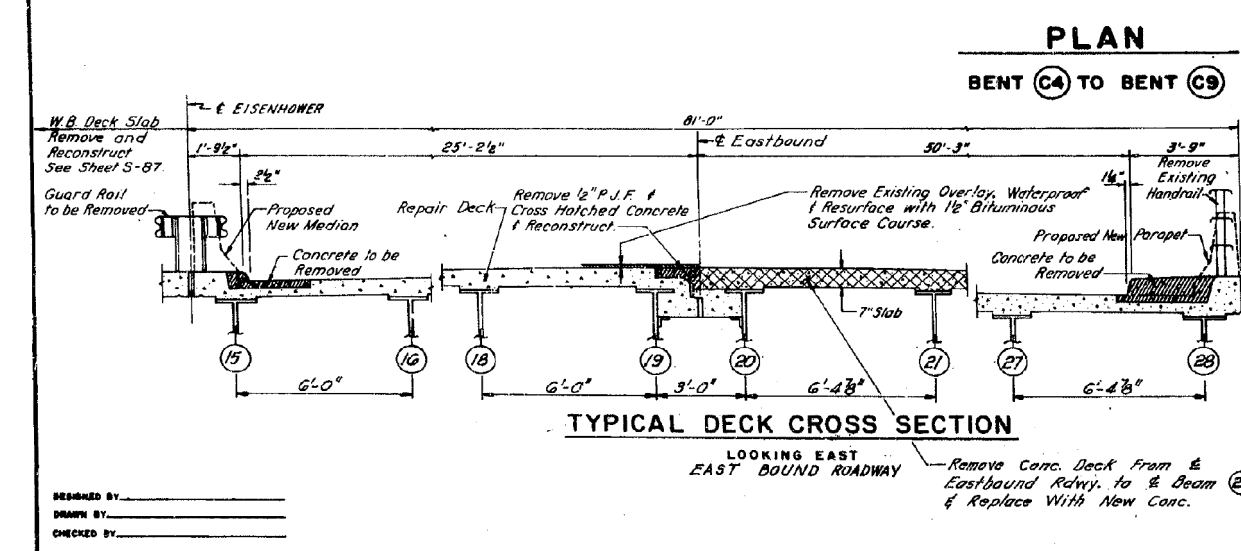
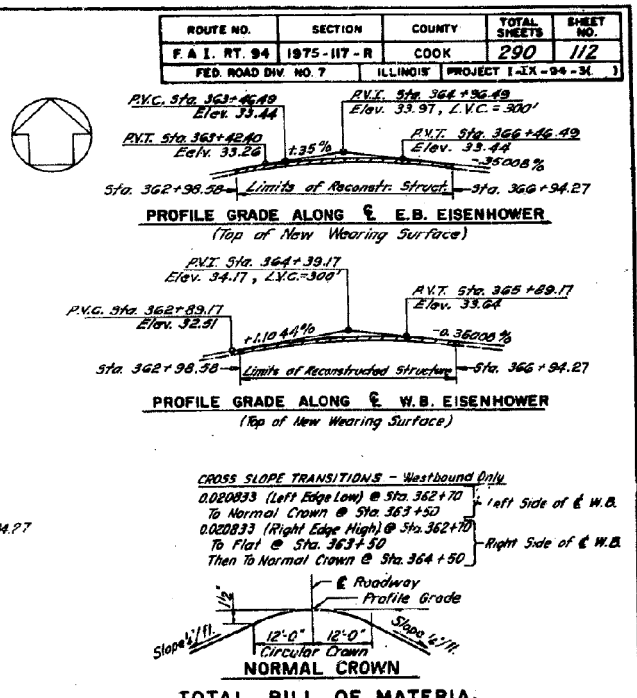
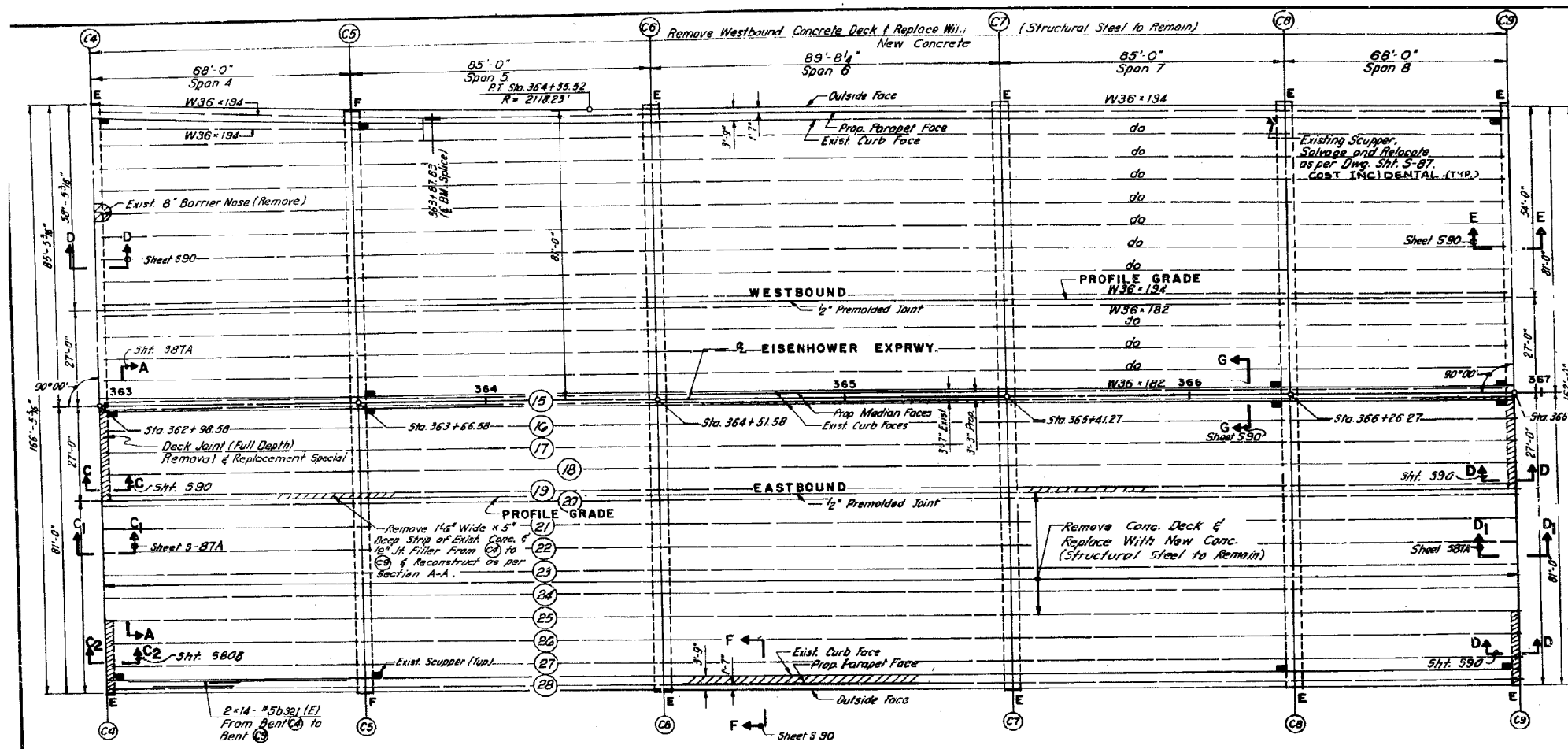
DESIGNED BY: pateld	DESIGNED -	REVISED -
DRAWN BY: DCP	CHECKED -	REVISED -
CHECKED BY: JIG	DRAWN -	REVISED -
	CHECKED -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS
STRUCTURE NO. 016-0461
SHEET NO. 152 OF 194 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-004 R&B (WB)	COOK	706	574
				CONTRACT NO. 60X78
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY



WORK TO BE PERFORMED

- ### West Bound Roadway
- Remove Existing Deck Slab.
 - Reconstruct Deck Slab Using Epoxy Coated Top Reinforcement, Waterproof and Resurface with 1/2" Bituminous Surface Course.
 - Repair Substructure as Required.
- ### East Bound Roadway
- Remove Existing Overlay, & Existing Deck Slab From Eastbound to East Beam (25).
 - Remove Handrail and Part of Existing Curb as well as the Median Guardrail and Part of Existing Median as shown on the Cross-Sections.
 - Remove all Loose and Deteriorated Concrete from Deck at Locations Marked by the Engineer.
 - Reset Expansion Bearings.
 - Reconstruct Deck Slab From E.A. to Beam (25) Using Epoxy Coated Top Reinforcement & Repair Remaining of Deck Slab With Conc.
 - Construct Concrete Parapet and Median.
 - Reconstruct Deck Expansion Joints.
 - Eliminate Longitudinal Expansion Joint.
 - Waterproof and Resurface Deck with 1/2" Bituminous Surface Course.
 - Repair Substructures as Required.

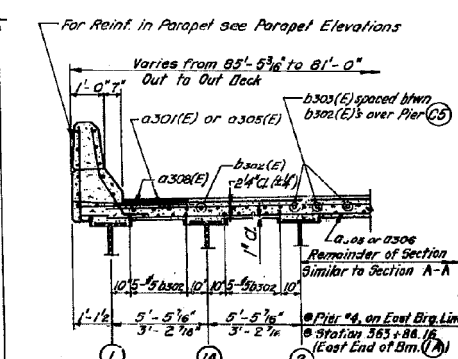
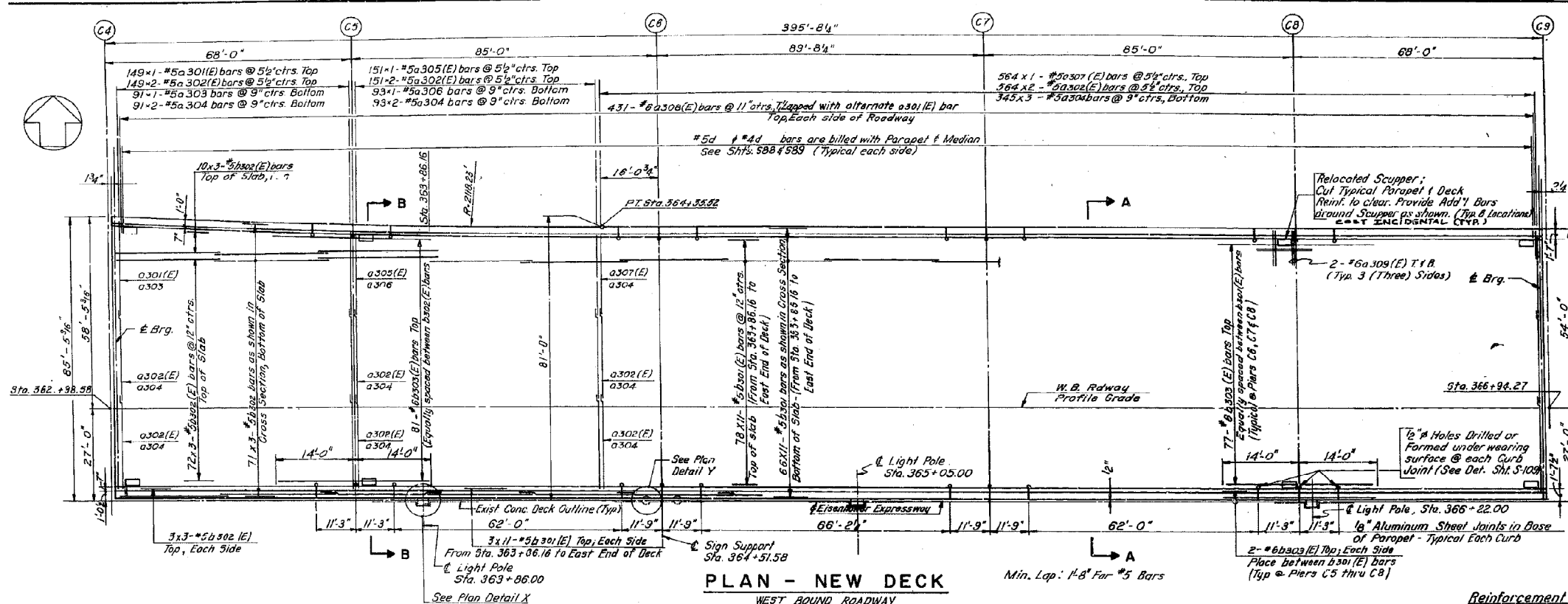
For General Notes See Sht. 580.
Expansion Bearings to be Reset are Located @ on Pier (24) and @ on (29).

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
CIRCLE INTERCHANGE AND
EISENHOWER EXPRESSWAY
REHABILITATION
GENERAL PLAN
BENT C4 TO BENT C9
F.A.I. RT. 94 COOK COUNTY SECTION 1975-117-R
CHRISTIAN-ROSE AND ASSOC.
ENGINEERS
CHICAGO, ILLINOIS
SHEET 3200
REV. 10-17-80

0160461-60X78-5298-EXT.dgn

FOR INFORMATION ONLY

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 94	1975-117-R	COOK	290	113
FED. ROAD DIV. NO. 7	ILL. HOBS	PROJECT I-1X-94-3()		

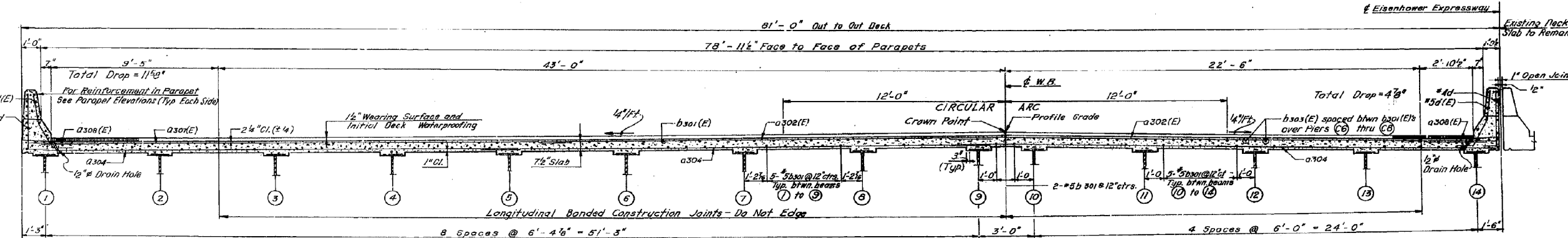


PLAN - NEW DECK
WEST BOUND ROADWAY

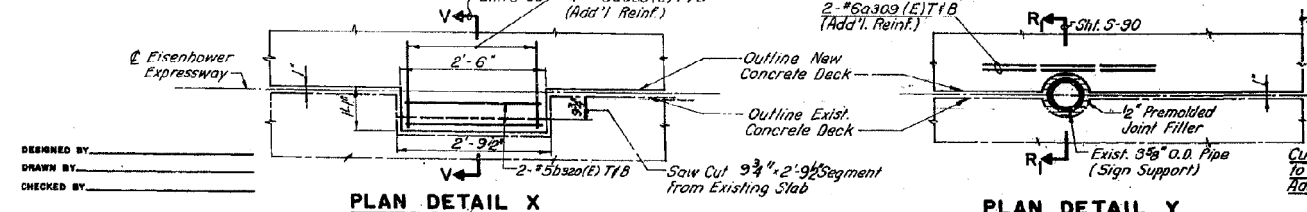
CROSS SECTION B-B
(FROM STA. 362 + 98.58 TO STA. 364 + 35.52)

Bars Indicated Thus G6+11-5 etc., Indicate GG Lines of Bars With 11 Lengths per Line.

Reinforcement shown on this sheet is Billed in Table Sheet S-88.



CROSS SECTION A-A
(FROM STA. 364+35.52 TO STA. 366+94.27)



PLAN DETAIL X

PLAN DETAIL Y

DESIGN SPECIFICATIONS
1977 A.A.S.H.T.O. and Interim Specifications as Applicable
DESIGN STRESSES (NEW CONSTR.)
f_c = 3,500 p.s.i., Deck Slab, Curb, Parapet
f_y = 60,000 p.s.i., Reinforcement

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
CIRCLE INTERCHANGE AND
EISENHOWER EXPRESSWAY
REHABILITATION
SUPERSTRUCTURE
BENT C4 TO BENT C9
F.A.I. RT. 94 COOK COUNTY SECTION 1975-117-R
CHRISTIAN, ROBEY AND ASSOC.
ENGINEERS
CHICAGO, ILLINOIS

0160461-60X78-5299-EXT.dgn

PARSONS BRINCKERHOFF

USER NAME = pateld	DESIGNED -	REVISED -
PLOT SCALE = N.T.S.	CHECKED -	REVISED -
PLOT DATE = 3/23/2016	DRAWN - DCP	REVISED -
	CHECKED - JIG	REVISED -

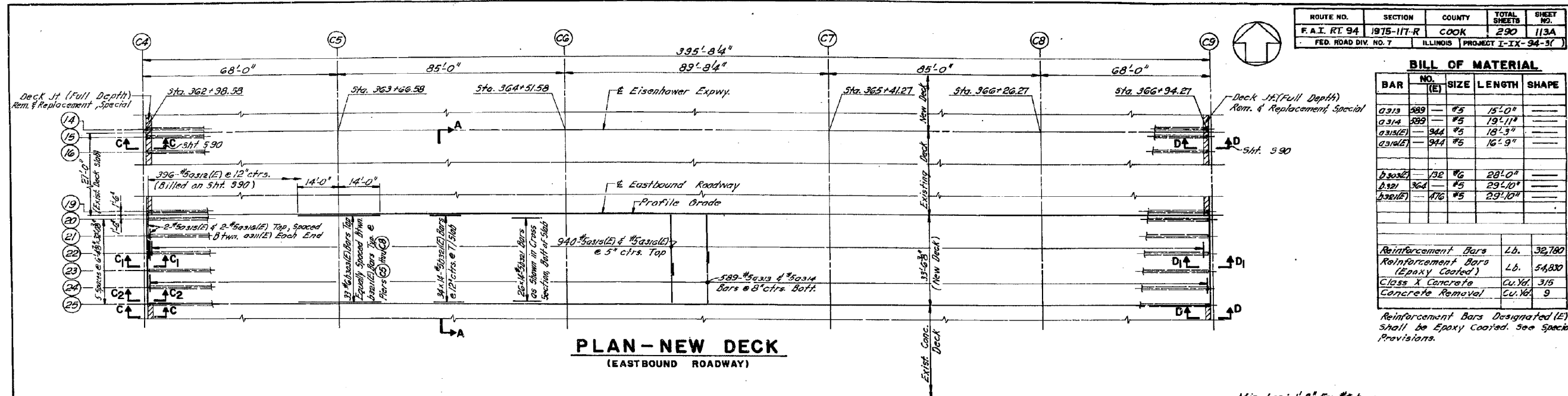
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS
STRUCTURE NO. 016-0461

SHEET NO. 154 OF 194 SHEETS

F.A.I. R.T.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-004 R&B (WB)	COOK	706	576
				CONTRACT NO. 60X78
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY

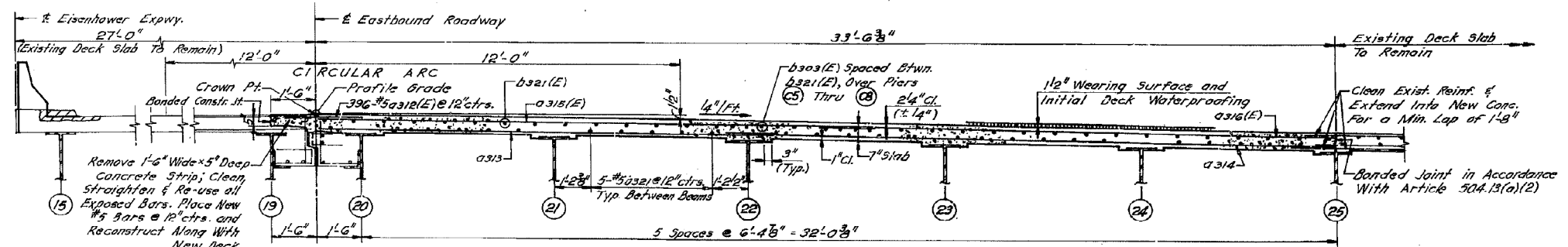


ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. RT 94	1975-117-R	COOK	290	113A
FED. ROAD DIV. NO. 7	ILLINOIS	PROJECT I-IX-94-31		

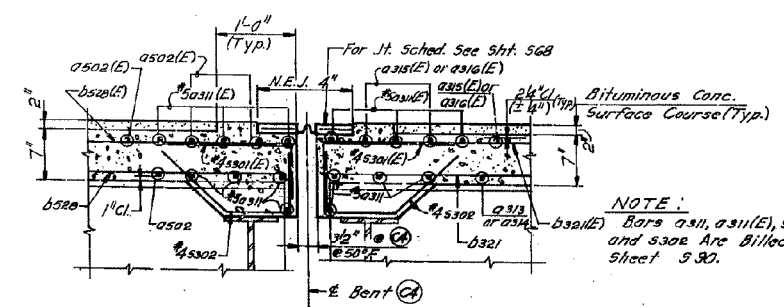
BILL OF MATERIAL				
BAR	NO.	SIZE	LENGTH	SHAPE
a313	489	#5	15'-0"	
a314	289	#5	19'-11"	
a313(E)	944	#5	18'-3"	
a314(E)	944	#5	16'-9"	
b302(E)	132	#6	28'-0"	
b321	364	#5	29'-10"	
b321(E)	476	#5	29'-10"	

Reinforcement Bars	Lb.	32,780
Reinforcement Bars (Epoxy Coated)	Lb.	54,800
Class X Concrete	Cu.Yd.	315
Concrete Removal	Cu.Yd.	9

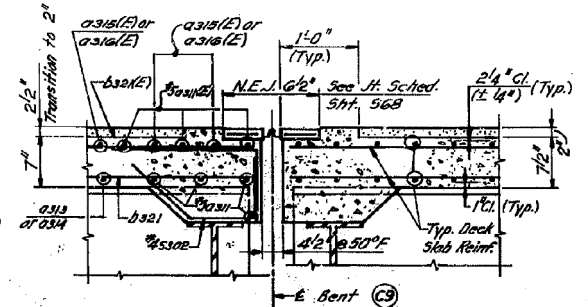
Reinforcement Bars Designated (E) shall be Epoxy Coated. See Special Provisions.



Min. Lap: 1'-8" For #5 bars
 Bars Indicated Thus 34x14 #5 etc. Indicate 34 Lines of Bars With 14 Lengths per Line.



SECTION C1-C1 (PROPOSED)



SECTION D1-D1 (PROPOSED)

NOTE: Bars a311, a311(E), a301(E) and a302 are Billed on Sheet 5.92.

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 CIRCLE INTERCHANGE AND
 EISENHOWER EXPRESSWAY
 REHABILITATION
 SUPERSTRUCTURE
 BENT C4 TO BENT C9
 F.A.I. RT. 94 COOK COUNTY SECTION 1975-117-R
 CHRISTIAN-ROGE AND ASSOC.
 ENGINEERS
 CHICAGO, ILLINOIS

SHEET 113A OF 113A

0160461-60X78-5300-EXT.dgn

PARSONS BRINCKERHOFF

USER NAME = pateld	DESIGNED -	REVISED -
PLOT SCALE = N.T.S.	CHECKED -	REVISED -
PLOT DATE = 3/23/2016	DRAWN - DCP	REVISED -
	CHECKED - JIG	REVISED -

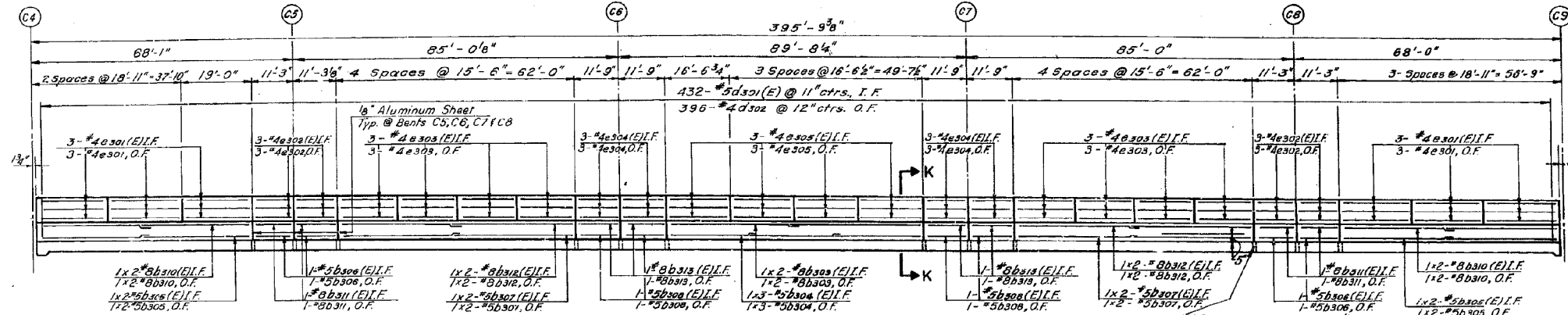
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EXISTING PLANS
 STRUCTURE NO. 016-0461
 SHEET NO. 155 OF 194 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-004 R&B (WB)	COOK	706	577
CONTRACT NO. 60X78				ILLINOIS FED. AID PROJECT

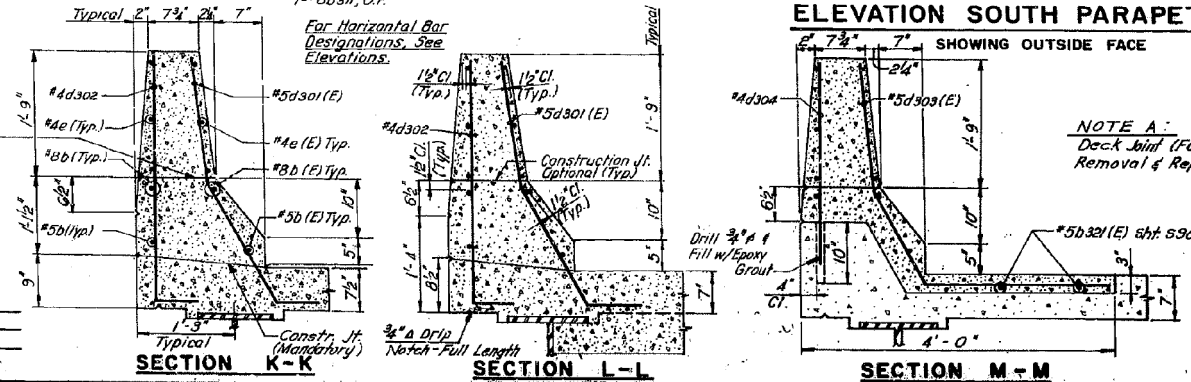
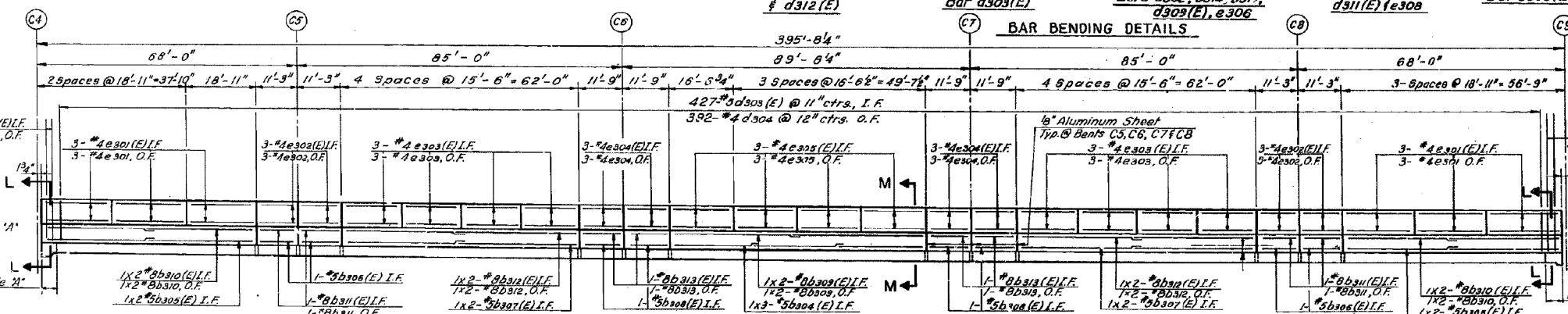
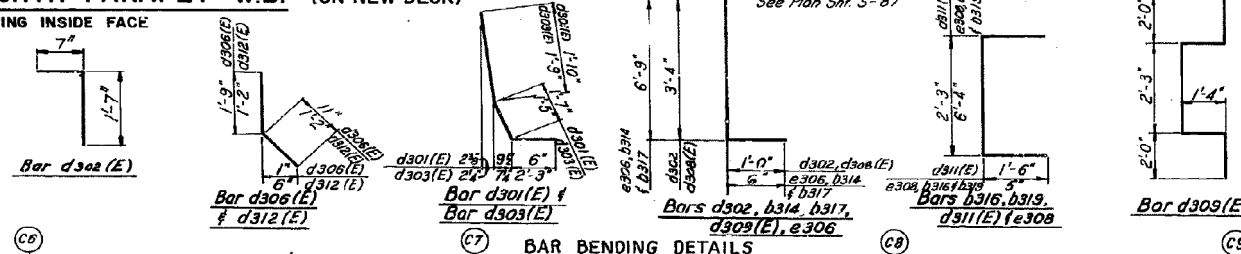
FOR INFORMATION ONLY

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 94	1975-117-R	COOK	290	114
FED. ROAD DIV. NO. 7	ILLINOIS	PROJECT I-IX-94-3		



Min. Lap: 1'-8" For #5 Bars
2'-6" For #8 Bars

Bars Indicated Thus 1x2-#5 etc., Indicate 1 Line of Bars With 2 Lengths per Line.



BILL OF MATERIAL

BAR	NO.	SIZE	LENGTH	SHAPE
a301(E)	-	149 #5	35'-6"	
a302(E)	-	1728 #5	27'-0"	
a303	-	#5	32'-10"	
a304	1403	#5	28'-4"	
a305(E)	-	151 #5	35'-6"	
a306	93	#5	30'-10"	
a307(E)	-	564 #5	31'-0"	
a308(E)	-	862 #6	4'-0"	
a309(E)	-	128 #6	6'-0"	
b301	726	#5	29'-6"	
b301(E)	-	824 #5	28'-6"	
b302	213	#5	31'-0"	
b302(E)	-	264 #5	31'-0"	
b303(E)	-	328 #6	28'-0"	
b304	3	#5	23'-2"	
b304(E)	-	6 #5	23'-2"	
b305	4	#5	29'-0"	
b305(E)	-	8 #5	29'-0"	
b306	4	#5	10'-11"	
b306(E)	-	8 #5	10'-11"	
b307	4	#5	31'-0"	
b307(E)	-	8 #5	31'-0"	
b308	4	#5	11'-5"	
b308(E)	-	8 #5	11'-5"	
b309	4	#8	34'-3"	
b309(E)	-	4 #8	34'-3"	
b310	8	#8	29'-5"	
b310(E)	-	8 #8	29'-5"	
b311	8	#8	10'-11"	
b311(E)	-	8 #8	10'-11"	
b312	8	#8	32'-1"	
b312(E)	-	8 #8	32'-1"	
b313	8	#8	11'-5"	
b313(E)	-	8 #8	11'-5"	
b320(E)	-	12 #5	2'-2"	
d301(E)	-	438 #5	3'-11"	
d302	402	#4	4'-4"	
d303(E)	-	427 #5	5'-5"	
d304	392	#4	2'-11"	
e301	36	#4	18'-6"	
e301(E)	-	30 #4	18'-6"	
e302	24	#4	10'-11"	
e302(E)	-	24 #4	10'-11"	
e303	48	#4	18'-2"	
e303(E)	-	48 #4	18'-2"	
e304	24	#4	11'-5"	
e304(E)	-	24 #4	11'-5"	
e305	24	#4	16'-3"	
e305(E)	-	24 #4	16'-3"	

FOR CONTINUATION, SEE BELOW LEFT.

BILL OF MATERIAL (CONT.)

Reinforcement Bars	Lb.	82850
Reinf. Bars (Epoxy Coated)	Lb.	143,560
Class X Concrete	Cu. Yd.	8723
Concrete Removal	Cu. Yd.	58.1
Protective Coat	Sq. Yd.	327
Waterproofing Membrane System	Sq. Yd.	3456
Bit. Conc. Surface Course	Ton	290.7

Reinforcement bars designated (E) shall be Epoxy Coated. See Special Provisions.
Bill of Material on This Sheet Also Includes Sheet 587.
Rev. 1-18-80 CR

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
CIRCLE INTERCHANGE AND
EISENHOWER EXPRESSWAY
REHABILITATION
PARAPETS
BENT C4 TO BENT C9
F.A.I. RT. 94 COOK COUNTY SECTION 1975-117-R
CHRISTIAN-RODGE AND ASSOC.
ENGINEERS
CHICAGO, ILLINOIS
SHEET NO. 156 OF 194 SHEETS

0160461-60X78-5301-EXT.dgn

PARSONS BRINCKERHOFF

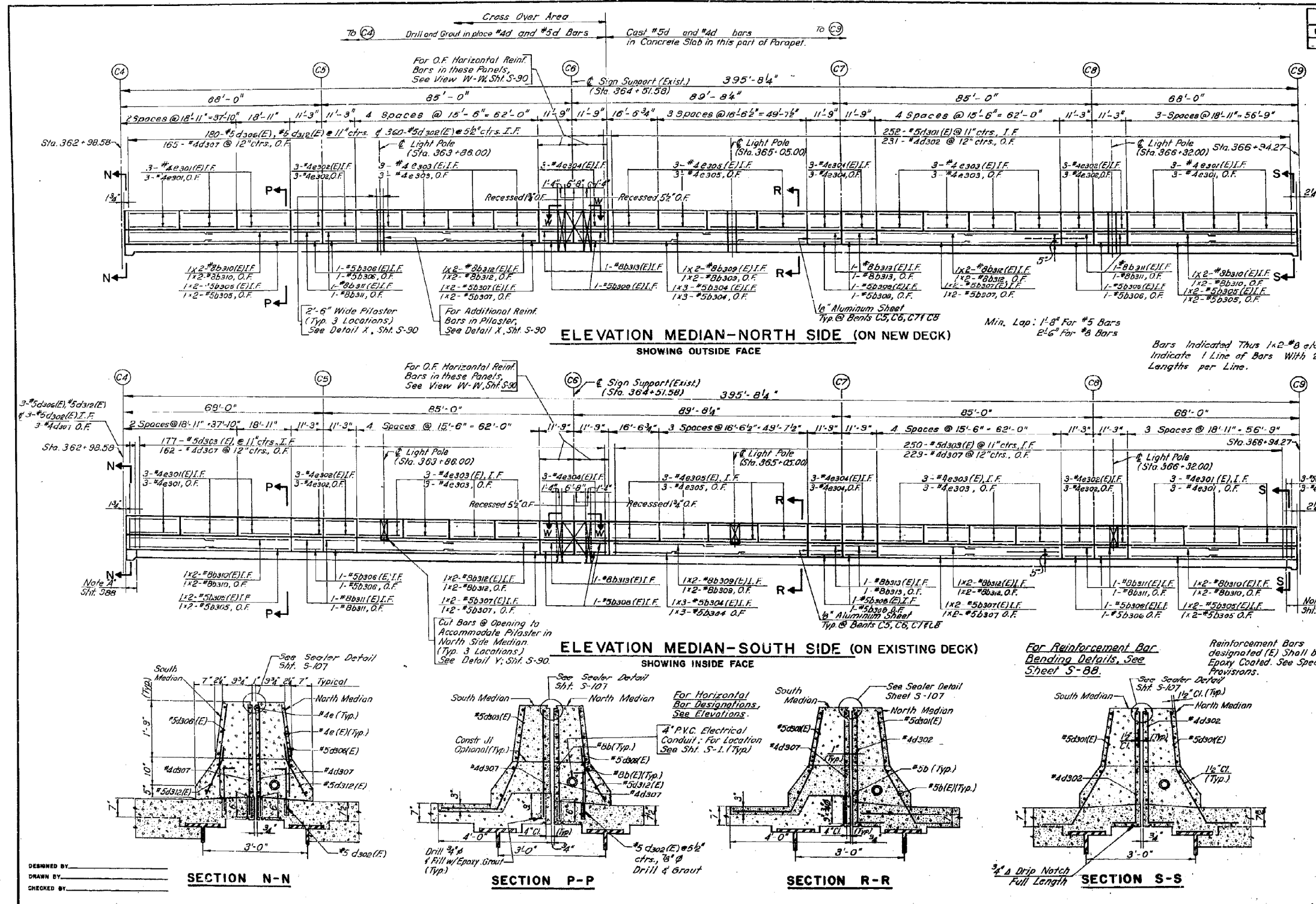
USER NAME = pateld	DESIGNED -	REVISED -
PLOT SCALE = N.T.S.	CHECKED -	REVISED -
PLOT DATE = 3/23/2016	DRAWN - DCP	REVISED -
	CHECKED - JIG	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS
STRUCTURE NO. 016-0461
SHEET NO. 156 OF 194 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-004 R&B (WB)	COOK	706	578
				CONTRACT NO. 60X78
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 94	1975-117-R	COOK	290	115
FED. ROAD DIV. NO. 7		ILLINOIS PROJECT I-IX-94-3(C)		

BILL OF MATERIAL				
BAR	NO.	SIZE	LENGTH	SHAPE
b304	6	#5	23'-2"	
b304(E)	6	#5	23'-2"	
b305	8	#5	29'-0"	
b305(E)	8	#5	29'-0"	
b306	8	#5	10'-11"	
b306(E)	8	#5	10'-11"	
b307	8	#5	31'-8"	
b307(E)	8	#5	31'-8"	
b308	4	#5	11'-5"	
b308(E)	4	#5	11'-5"	
b309	4	#5	34'-3"	
b309(E)	4	#5	34'-3"	
b310	8	#5	29'-5"	
b310(E)	8	#5	29'-5"	
b311	8	#5	10'-11"	
b311(E)	8	#5	10'-11"	
b312	8	#5	32'-1"	
b312(E)	8	#5	32'-1"	
b313	8	#5	11'-5"	
b313(E)	4	#5	11'-5"	
b314	4	#5	7'-3"	
b315	2	#5	4'-0"	
b316	2	#5	7'-2"	
b317	4	#5	7'-3"	
b318	2	#5	4'-0"	
b319	2	#5	7'-2"	
d301(E)	255	#5	3'-11"	
d302	234	#5	4'-1"	
d302(E)	363	#5	2'-2"	
d303(E)	427	#5	5'-5"	
d304(E)	183	#5	2'-8"	
d307	559	#4	5'-2"	
d308(E)	6	#6	4'-4"	
d309(E)	15	#6	8'-11"	
d310(E)	9	#4	1'-5"	
d311(E)	9	#4	3'-3"	
d312(E)	189	#5	2'-4"	
d301	36	#6	18'-6"	
e301(E)	36	#4	18'-6"	
e302	24	#4	10'-11"	
e302(E)	24	#4	10'-11"	
e303	48	#4	15'-2"	
e303(E)	48	#4	15'-2"	
e304	12	#4	11'-5"	
e304(E)	24	#4	11'-5"	
e305	24	#4	16'-3"	
e305(E)	24	#4	16'-3"	
e306	12	#4	7'-3"	
e307	8	#4	4'-0"	
e308	6	#4	7'-2"	
Reinforcement Bars		Lb.	6,570	
Reinf. Bars (Epoxy Coated)		Lb.	3,960	
Class X Concrete		Cu.Yd.	99.7	
Concrete Removal		Cu.Yd.	12.2	
Protective Coat		Sq.Yd.	341.3	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
CIRCLE INTERCHANGE AND
EISENHOWER EXPRESSWAY
REHABILITATION
MEDIAN
BENT C4 TO BENT C9
F.A.I. RT. 94 COOK COUNTY SECTION 1975-117-R
CHRISTIAN-ROSE AND ASSOC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET NO. 5890F

PARSONS BRINCKERHOFF

USER NAME = pateld	DESIGNED -	REVISED -
PLOT SCALE = N.T.S.	CHECKED - DCP	REVISED -
PLOT DATE = 3/23/2016	DRAWN - JIG	REVISED -

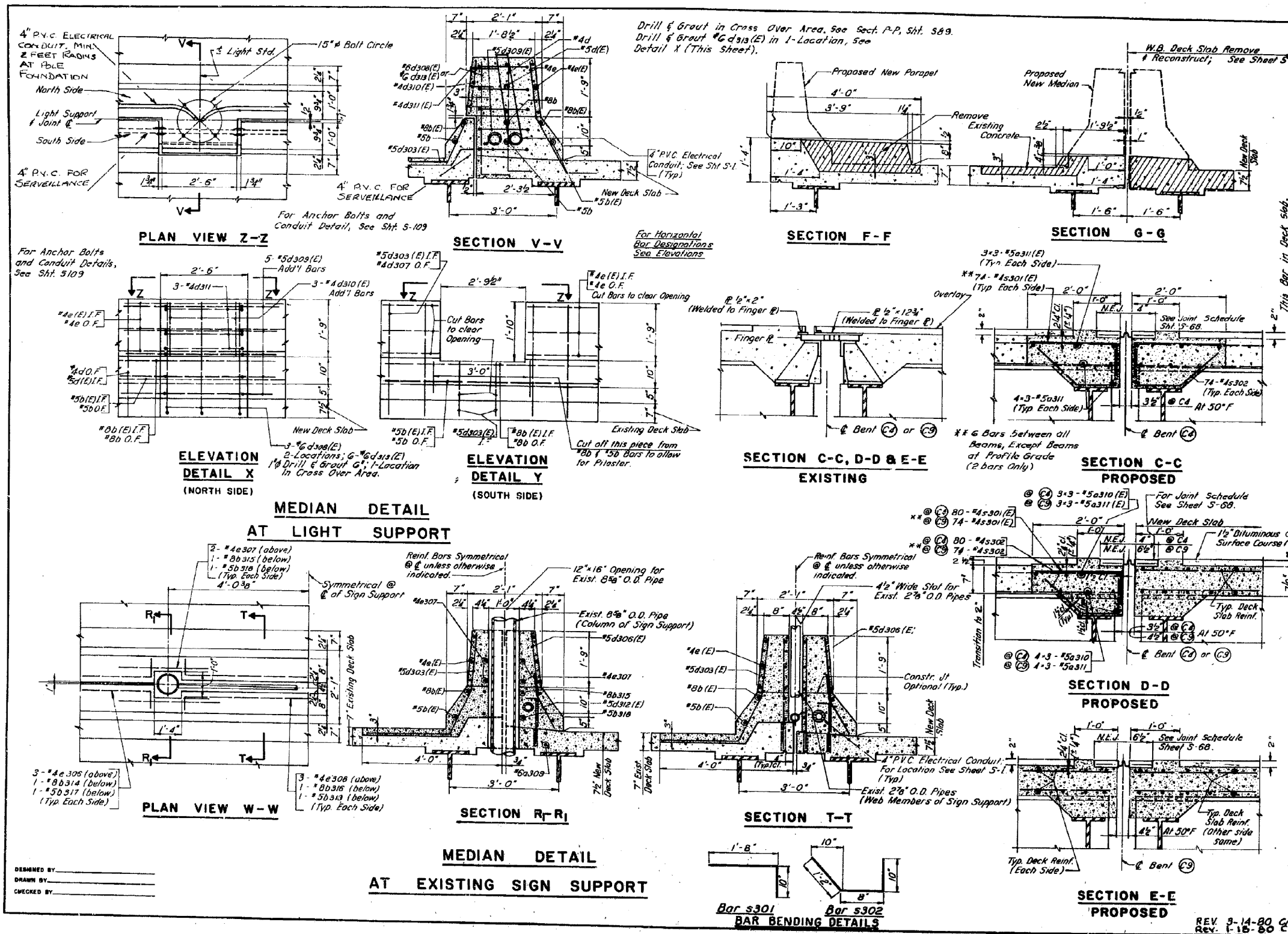
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS
STRUCTURE NO. 016-0461
SHEET NO. 157 OF 194 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-004 R&B (WB)	COOK	706	579
CONTRACT NO. 60X78				ILLINOIS FED. AID PROJECT

0160461-60X78-5302-EXT.dgn

FOR INFORMATION ONLY



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 94	1975-117-R	COOK	290	116
FED. ROAD DIV. NO. 7	ILLINOIS	PROJECT I-19-94-3		

BILL OF MATERIAL FOR DECK JOINT RECONSTRUCTION

LOCATION	BAR NO.	SIZE (E)	LENGTH	SHAPE
Bent C4 W.B.	s310(E)	9	29'-5"	—
	s310	12	29'-5"	—
Bent C4 E.B.	s301(E)	80	2'-6"	—
	s302	80	2'-8"	—
Bent C4 W.B.	s311(E)	18	28'-0"	—
	s311	24	28'-0"	—
Bent C4 E.B.	s301(E)	148	2'-6"	—
	s302	148	2'-8"	—
New Deck, Both Sides				
Long'l Jt. E.B.	s311(E)	9	28'-0"	—
	s311	12	28'-0"	—
Long'l Bars E.B. Deck Adjacent to Curb	s301(E)	74	2'-6"	—
	s302	74	2'-8"	—
Long'l Jt. E.B.	s312(E)	396	2'-0"	—
	b321(E)	28	29'-10"	—

Reinforcement Bars	Lb.	1960
Reinf. Bars (Epoxy Coated)	Lb.	3550
Neoprene Expansion Jt. 6"	Lin. Ft.	169
Neoprene Expansion Jt. 4"	Lin. Ft.	173
Deck Jt. (Full Depth) Removal & Replacement Special	Sq. Yd.	73

Reinforcement Bars Designated (E) shall be Epoxy Coated. See Special Provisions.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
CIRCLE INTERCHANGE AND
EISENHOWER EXPRESSWAY
REHABILITATION
SECTIONS AND DETAILS
BENT C4 TO BENT C9
F.A.I. RT. 94 COOK COUNTY SECTION 1975-117-R
CHRISTIAN-ROSE AND ASSOC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 5900P

0160461-60X78-5303-EXT.dgn

PARSONS BRINCKERHOFF

USER NAME = pateld	DESIGNED -	REVISED -
PLOT SCALE = N.T.S.	CHECKED -	REVISED -
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	CHECKED - JIG	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

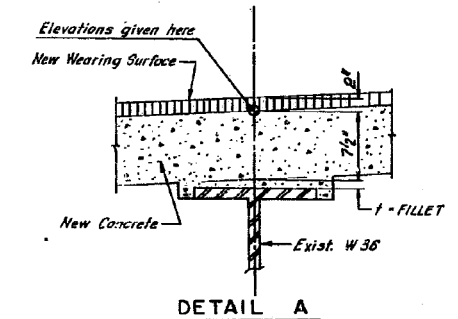
EXISTING PLANS
STRUCTURE NO. 016-0461
SHEET NO. 158 OF 194 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-004 R&B (WB)	COOK	706	580
				CONTRACT NO. 60X78
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. RT. 94	1B75-117-R	COOK	290	117
FED. ROAD DIV. NO. 7	ILLINOIS	PROJECT I-1-94-34		

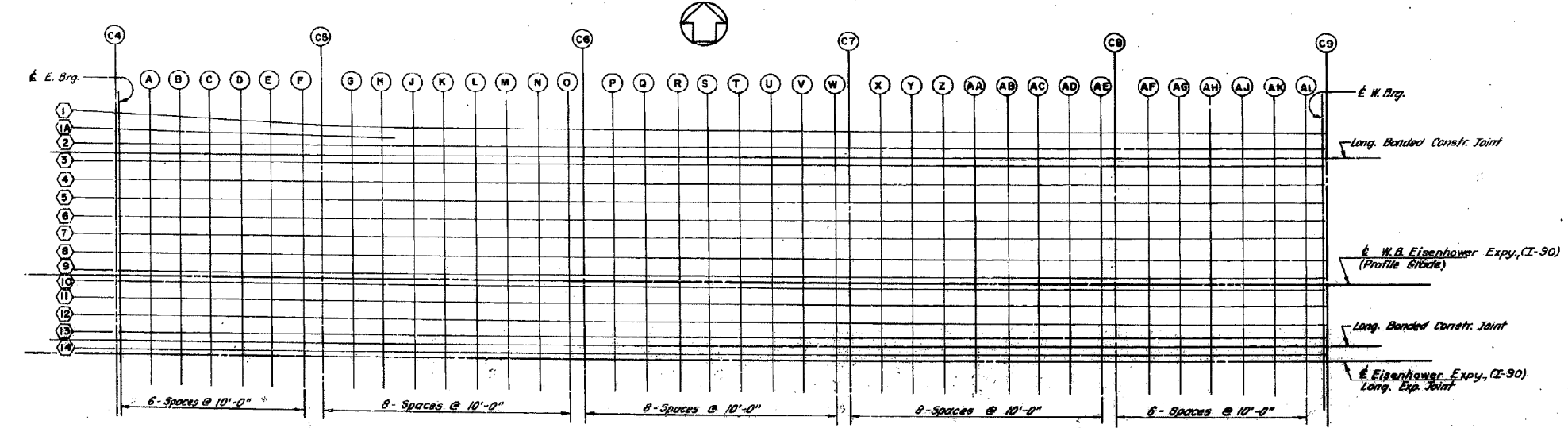
LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEO. GRADE ELEV. ADJ. FOR DEF'L.	LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEO. GRADE ELEV. ADJ. FOR DEF'L.	LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEO. GRADE ELEV. ADJ. FOR DEF'L.
E BRG PIER C4	36299+412	-57.250	31.352	31.352	E BRG PIER C4	36299+412	-51.796	31.466	31.466	E BRG PIER C4	36299+412	-46.343	31.579	31.579
A	36309+412	-56.741	31.482	31.500	A	36309+412	-51.537	31.590	31.609	A	36309+412	-46.343	31.698	31.717
B	36319+412	-56.232	31.606	31.638	B	36319+412	-51.278	31.709	31.741	B	36319+412	-46.343	31.812	31.843
C	36329+412	-55.723	31.726	31.757	C	36329+412	-51.018	31.824	31.855	C	36329+412	-46.343	31.921	31.953
D	36339+412	-55.214	31.841	31.868	D	36339+412	-50.759	31.934	31.959	D	36339+412	-46.343	32.026	32.051
E	36349+412	-54.705	31.951	31.967	E	36349+412	-50.499	32.039	32.055	E	36349+412	-46.343	32.125	32.141
F	36359+412	-54.196	32.041	32.048	F	36359+412	-50.240	32.124	32.130	F	36359+412	-46.343	32.205	32.211
PIER C5	36366+578	-53.831	32.102	32.102	PIER C5	36366+578	-50.054	32.181	32.181	PIER C5	36366+578	-46.343	32.258	32.258
G	36376+578	-53.322	32.184	32.193	G	36376+578	-49.795	32.257	32.267	G	36376+578	-46.343	32.329	32.338
H	36386+578	-52.814	32.260	32.279	H	36386+578	-49.535	32.328	32.348	H	36386+578	-46.343	32.394	32.414
J	36396+578	-52.750	32.322	32.349	J	36396+578	-49.275	32.397	32.417	J	36396+578	-46.343	32.459	32.482
K	36406+578	-52.750	32.378	32.412	K	36406+578	-49.015	32.466	32.491	K	36406+578	-46.343	32.511	32.546
L	36416+578	-52.750	32.429	32.458	L	36416+578	-48.755	32.535	32.562	L	36416+578	-46.343	32.562	32.591
M	36426+578	-52.750	32.475	32.496	M	36426+578	-48.495	32.604	32.628	M	36426+578	-46.343	32.608	32.628
N	36436+578	-52.750	32.517	32.528	N	36436+578	-48.235	32.673	32.690	N	36436+578	-46.343	32.680	32.690
O	36446+578	-52.750	32.553	32.557	O	36446+578	-47.975	32.742	32.750	O	36446+578	-46.343	32.703	32.703
PIER C6	36451+578	-52.750	32.570	32.570	PIER C6	36451+578	-47.715	32.811	32.811	PIER C6	36451+578	-46.343	32.732	32.732
P	36461+578	-52.750	32.599	32.613	P	36461+578	-47.455	32.880	32.886	P	36461+578	-46.343	32.756	32.784
Q	36471+578	-52.750	32.623	32.651	Q	36471+578	-47.195	32.949	32.976	Q	36471+578	-46.343	32.776	32.816
R	36481+578	-52.750	32.643	32.681	R	36481+578	-46.935	33.018	33.045	R	36481+578	-46.343	32.791	32.838
S	36491+578	-52.750	32.658	32.705	S	36491+578	-46.675	33.087	33.124	S	36491+578	-46.343	32.801	32.848
T	36501+578	-52.750	32.667	32.715	T	36501+578	-46.415	33.156	33.193	T	36501+578	-46.343	32.806	32.844
U	36511+578	-52.750	32.672	32.710	U	36511+578	-46.155	33.225	33.262	U	36511+578	-46.343	32.806	32.833
V	36521+578	-52.750	32.673	32.700	V	36521+578	-45.895	33.294	33.331	V	36521+578	-46.343	32.801	32.815
W	36531+578	-52.750	32.668	32.681	W	36531+578	-45.635	33.363	33.390	W	36531+578	-46.343	32.792	32.792
PIER C7	36541+264	-52.750	32.659	32.659	PIER C7	36541+264	-45.375	33.432	33.432	PIER C7	36541+264	-46.343	32.778	32.785
X	36551+264	-52.750	32.645	32.652	X	36551+264	-45.115	33.501	33.501	X	36551+264	-46.343	32.759	32.776
Y	36561+264	-52.750	32.626	32.640	Y	36561+264	-44.855	33.570	33.570	Y	36561+264	-46.343	32.739	32.759
Z	36571+264	-52.750	32.602	32.626	Z	36571+264	-44.595	33.639	33.639	Z	36571+264	-46.343	32.706	32.740
AA	36581+264	-52.750	32.573	32.607	AA	36581+264	-44.335	33.708	33.708	AA	36581+264	-46.343	32.673	32.704
AB	36591+264	-52.750	32.539	32.570	AB	36591+264	-44.075	33.777	33.777	AB	36591+264	-46.343	32.638	32.661
AC	36601+264	-52.750	32.504	32.528	AC	36601+264	-43.815	33.846	33.846	AC	36601+264	-46.343	32.603	32.617
AD	36611+264	-52.750	32.469	32.484	AD	36611+264	-43.555	33.915	33.915	AD	36611+264	-46.343	32.568	32.573
AE	36621+264	-52.750	32.434	32.439	AE	36621+264	-43.295	33.984	33.984	AE	36621+264	-46.343	32.550	32.550
PIER C8	36626+264	-52.750	32.417	32.417	PIER C8	36626+264	-43.035	34.053	34.053	PIER C8	36626+264	-46.343	32.515	32.524
AF	36636+264	-52.750	32.382	32.391	AF	36636+264	-42.775	34.122	34.122	AF	36636+264	-46.343	32.480	32.499
AG	36646+264	-52.750	32.347	32.356	AG	36646+264	-42.515	34.191	34.191	AG	36646+264	-46.343	32.445	32.473
AH	36656+264	-52.750	32.312	32.340	AH	36656+264	-42.255	34.260	34.260	AH	36656+264	-46.343	32.410	32.441
AJ	36666+264	-52.750	32.277	32.308	AJ	36666+264	-42.000	34.329	34.329	AJ	36666+264	-46.343	32.375	32.406
AK	36676+264	-52.750	32.242	32.273	AK	36676+264	-41.745	34.398	34.398	AK	36676+264	-46.343	32.340	32.353
AL	36686+264	-52.750	32.207	32.220	AL	36686+264	-41.485	34.467	34.467	AL	36686+264	-46.343	32.315	32.315
W BRG PIER C9	36693+431	-52.750	32.182	32.182	W BRG PIER C9	36693+431	-46.343	32.315	32.315	W BRG PIER C9	36693+431	-46.343	32.315	32.315



FILLET HEIGHTS

To determine "t" as shown in DETAIL A: After all existing concrete superstructure has been demolished and removed from each span, elevations of the top flanges of the beams shall be taken at intervals shown in Plan. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" shown in tables minus slab thickness, equals the fillet heights "t" above the top flange of beams.

NOTE: All elevations in the tables are given at the top of the concrete deck as shown in DETAIL A.



PLAN

DESIGNED BY: _____
 DRAWN BY: _____
 CHECKED BY: _____

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 CIRCLE INTERCHANGE AND
 EISENHOWER EXPRESSWAY
 REHABILITATION
 ELEVATIONS
 I-90 W.B. BENT C 4 TO BENT C 9**

F.A.I. RT. 94 COOK COUNTY SECTION 1B75-117-R

CHRISTIANI, DESS, AND ASSOC.
 ENGINEERS
 CHICAGO, ILLINOIS

0160461-60X78-5304-EXT.dgn

**PARSONS
 BRINCKERHOFF**

USER NAME = pateld	DESIGNED -	REVISED -
PLOT SCALE = N.T.S.	CHECKED -	REVISED -
PLOT DATE = 3/23/2016	DRAWN - DCP	REVISED -
	CHECKED - JIG	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**EXISTING PLANS
 STRUCTURE NO. 016-0461**

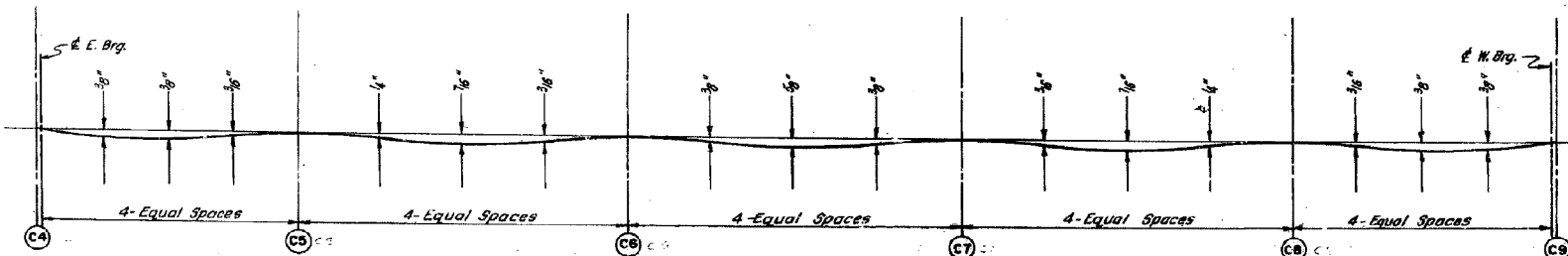
SHEET NO. 159 OF 194 SHEETS

F.A.I. R.T.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-004 R&B (WB)	COOK	706	581
CONTRACT NO. 60X78			ILLINOIS FED. AID PROJECT	

FOR INFORMATION ONLY

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEO. GRADE ELEV. ADJ. FOR DEF.	LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEO. GRADE ELEV. ADJ. FOR DEF.	LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEO. GRADE ELEV. ADJ. FOR DEF.	LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEO. GRADE ELEV. ADJ. FOR DEF.
LONGITUDINAL BRIDGE CONSTRUCTION JOINT																			
E BRG PIER C4	36299+412	-42.999	31.649	31.649	E BRG PIER C4	36299+412	-39.937	31.713	31.713	E BRG PIER C4	36299+412	-39.931	31.844	31.844	E BRG PIER C4	36299+412	-27.124	31.980	31.980
A	36300+412	-42.999	31.768	31.768	A	36300+412	-39.937	31.832	31.832	A	36300+412	-39.931	31.965	31.965	A	36300+412	-27.124	32.098	32.098
B	36319+412	-42.999	31.802	31.802	B	36319+412	-39.937	31.945	31.945	B	36319+412	-39.931	32.079	32.079	B	36319+412	-27.124	32.219	32.219
C	36329+412	-42.999	31.991	32.022	C	36329+412	-39.937	32.035	32.035	C	36329+412	-39.931	32.188	32.219	C	36329+412	-27.124	32.321	32.321
D	36339+412	-42.999	32.099	32.120	D	36339+412	-39.937	32.159	32.159	D	36339+412	-39.931	32.292	32.317	D	36339+412	-27.124	32.423	32.423
E	36349+412	-42.999	32.195	32.211	E	36349+412	-39.937	32.256	32.274	E	36349+412	-39.931	32.391	32.407	E	36349+412	-27.124	32.525	32.541
F	36359+412	-42.999	32.274	32.281	F	36359+412	-39.937	32.338	32.345	F	36359+412	-39.931	32.471	32.478	F	36359+412	-27.124	32.604	32.611
PIER C5					PIER C5					PIER C5					PIER C5				
G	36376+578	-42.999	32.398	32.408	G	36376+578	-39.937	32.462	32.472	G	36376+578	-39.931	32.595	32.605	G	36376+578	-27.124	32.728	32.738
H	36386+578	-42.999	32.454	32.489	H	36386+578	-39.937	32.528	32.547	H	36386+578	-39.931	32.661	32.680	H	36386+578	-27.124	32.794	32.794
J	36396+578	-42.999	32.525	32.552	J	36396+578	-39.937	32.608	32.618	J	36396+578	-39.931	32.732	32.749	J	36396+578	-27.124	32.855	32.855
K	36406+578	-42.999	32.581	32.615	K	36406+578	-39.937	32.644	32.679	K	36406+578	-39.931	32.778	32.812	K	36406+578	-27.124	32.911	32.945
L	36416+578	-42.999	32.632	32.661	L	36416+578	-39.937	32.695	32.725	L	36416+578	-39.931	32.829	32.858	L	36416+578	-27.124	32.962	32.991
M	36426+578	-42.999	32.678	32.697	M	36426+578	-39.937	32.742	32.761	M	36426+578	-39.931	32.875	32.894	M	36426+578	-27.124	33.008	33.027
N	36436+578	-42.999	32.719	32.730	N	36436+578	-39.937	32.785	32.794	N	36436+578	-39.931	32.918	32.927	N	36436+578	-27.124	33.050	33.061
O	36446+578	-42.999	32.756	32.760	O	36446+578	-39.937	32.820	32.823	O	36446+578	-39.931	32.953	32.957	O	36446+578	-27.124	33.086	33.090
PIER C6					PIER C6					PIER C6					PIER C6				
P	36461+578	-42.999	32.802	32.816	P	36461+578	-39.937	32.865	32.879	P	36461+578	-39.931	32.999	33.013	P	36461+578	-27.124	33.132	33.146
Q	36471+578	-42.999	32.826	32.854	Q	36471+578	-39.937	32.900	32.918	Q	36471+578	-39.931	33.023	33.051	Q	36471+578	-27.124	33.156	33.164
R	36481+578	-42.999	32.846	32.884	R	36481+578	-39.937	32.909	32.948	R	36481+578	-39.931	33.053	33.081	R	36481+578	-27.124	33.176	33.214
S	36491+578	-42.999	32.860	32.908	S	36491+578	-39.937	32.924	32.972	S	36491+578	-39.931	33.087	33.115	S	36491+578	-27.124	33.191	33.228
T	36501+578	-42.999	32.870	32.910	T	36501+578	-39.937	32.934	32.981	T	36501+578	-39.931	33.110	33.130	T	36501+578	-27.124	33.200	33.248
U	36511+578	-42.999	32.875	32.913	U	36511+578	-39.937	32.939	32.977	U	36511+578	-39.931	33.122	33.140	U	36511+578	-27.124	33.206	33.243
V	36521+578	-42.999	32.875	32.903	V	36521+578	-39.937	32.939	32.967	V	36521+578	-39.931	33.122	33.140	V	36521+578	-27.124	33.206	33.243
W	36531+578	-42.999	32.871	32.884	W	36531+578	-39.937	32.934	32.945	W	36531+578	-39.931	33.058	33.081	W	36531+578	-27.124	33.201	33.214
PIER C7					PIER C7					PIER C7					PIER C7				
X	36541+264	-42.999	32.862	32.862	X	36541+264	-39.937	32.925	32.925	X	36541+264	-39.931	33.059	33.059	X	36541+264	-27.124	33.192	33.192
Y	36551+264	-42.999	32.877	32.855	Y	36551+264	-39.937	32.911	32.919	Y	36551+264	-39.931	33.044	33.052	Y	36551+264	-27.124	33.178	33.185
Z	36571+264	-42.999	32.826	32.843	Z	36571+264	-39.937	32.892	32.907	Z	36571+264	-39.931	33.025	33.040	Z	36571+264	-27.124	33.150	33.173
AA	36591+264	-42.999	32.776	32.810	AA	36591+264	-39.937	32.839	32.873	AA	36591+264	-39.931	33.001	33.026	AA	36591+264	-27.124	33.135	33.159
AB	36601+264	-42.999	32.742	32.773	AB	36601+264	-39.937	32.805	32.837	AB	36601+264	-39.931	32.973	33.007	AB	36601+264	-27.124	33.104	33.140
AC	36611+264	-42.999	32.707	32.731	AC	36611+264	-39.937	32.771	32.795	AC	36611+264	-39.931	32.939	32.970	AC	36611+264	-27.124	33.072	33.103
AD	36621+264	-42.999	32.672	32.687	AD	36621+264	-39.937	32.736	32.751	AD	36621+264	-39.931	32.906	32.928	AD	36621+264	-27.124	33.037	33.061
AE	36631+264	-42.999	32.637	32.642	AE	36631+264	-39.937	32.701	32.706	AE	36631+264	-39.931	32.889	32.884	AE	36631+264	-27.124	33.002	33.017
PIER C8					PIER C8					PIER C8					PIER C8				
AF	36636+264	-42.999	32.620	32.620	AF	36636+264	-39.937	32.683	32.683	AF	36636+264	-39.931	32.817	32.817	AF	36636+264	-27.124	32.950	32.950
AG	36646+264	-42.999	32.585	32.594	AG	36646+264	-39.937	32.648	32.658	AG	36646+264	-39.931	32.782	32.791	AG	36646+264	-27.124	32.918	32.924
AH	36656+264	-42.999	32.550	32.558	AH	36656+264	-39.937	32.613	32.632	AH	36656+264	-39.931	32.747	32.769	AH	36656+264	-27.124	32.980	32.999
AJ	36666+264	-42.999	32.513	32.543	AJ	36666+264	-39.937	32.578	32.606	AJ	36666+264	-39.931	32.712	32.740	AJ	36666+264	-27.124	32.945	32.973
AK	36676+264	-42.999	32.480	32.511	AK	36676+264	-39.937	32.543	32.575	AK	36676+264	-39.931	32.677	32.709	AK	36676+264	-27.124	32.910	32.941
AL	36686+264	-42.999	32.445	32.476	AL	36686+264	-39.937	32.508	32.540	AL	36686+264	-39.931	32.642	32.673	AL	36686+264	-27.124	32.873	32.906
AM	36696+264	-42.999	32.410	32.423	AM	36696+264	-39.937	32.473	32.487	AM	36696+264	-39.931	32.607	32.620	AM	36696+264	-27.124	32.840	32.873
W BRG PIER C9					W BRG PIER C9					W BRG PIER C9					W BRG PIER C9				
AN	36693+431	-42.999	32.385	32.385	AN	36693+431	-39.937	32.448	32.448	AN	36693+431	-39.931	32.582	32.582	AN	36693+431	-27.124	32.715	32.715

NOTE: All elevations in the tables are given at the top of the concrete deck as shown in DETAIL A, On Sht. 9-9/



DESIGNED BY _____
DRAWN BY _____
CHECKED BY _____

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
CIRCLE INTERCHANGE AND
EISENHOWER EXPRESSWAY
REHABILITATION
ELEVATIONS
I-90 W.B. BENT C4 TO BENT C9
F.A.I. RT. 94 COOK COUNTY SECTION 1078-117-B
CHICAGO, ILLINOIS

0160461-60X78-5305-EXT.dgn

FOR INFORMATION ONLY

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEO. GRADE ELEV. ADJ. FOR DEF.	LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEO. GRADE ELEV. ADJ. FOR DEF.	LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEO. GRADE ELEV. ADJ. FOR DEF.	LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEO. GRADE ELEV. ADJ. FOR DEF.	LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEO. GRADE ELEV. ADJ. FOR DEF.
BRG PIER C4	36299+412	-20.718	32.113	32.113	BRG PIER C4	36299+412	-14.312	32.246	32.246	BRG PIER C4	36299+412	-7.906	32.374	32.374	BRG PIER C4	36299+412	-1.499	32.478	32.478	BRG PIER C4	36299+412	-1.499	32.478	32.478

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. RT. 94	1978-117-R	COOK	290	119
FED. ROAD DIV. NO. 7		ILLINOIS	PROJECT I-IX-94-3C	

NOTE: All elevations in the tables are given at the top of the concrete deck as shown in DETAIL A. On SH. 8-9/

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEO. GRADE ELEV. ADJ. FOR DEF.	LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEO. GRADE ELEV. ADJ. FOR DEF.	LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEO. GRADE ELEV. ADJ. FOR DEF.	LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEO. GRADE ELEV. ADJ. FOR DEF.
BRG PIER C4	36299+412	0.000	32.498	32.498	BRG PIER C4	36299+412	1.500	32.518	32.518	BRG PIER C4	36299+412	7.500	32.597	32.597	BRG PIER C4	36299+412	13.500	32.676	32.676

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
CIRCLE INTERCHANGE AND
EISENHOWER EXPRESSWAY
REHABILITATION
ELEVATIONS
I-90 W.B. BENT C4 TO BENT C9
F.A.I. RT. 94 COOK COUNTY SECTION 1978-117-R
CHRISTIAN ROSE AND ASSOC.
ENGINEERS
CHICAGO, ILLINOIS

0160461-60X78-5306-EXT.dgn

PARSONS BRINCKERHOFF

USER NAME = pateld	DESIGNED -	REVISED -
PLOT SCALE = N.T.S.	CHECKED -	REVISED -
PLOT DATE = 3/23/2016	DRAWN - DCP	REVISED -
	CHECKED - JIG	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS
STRUCTURE NO. 016-0461

SHEET NO. 161 OF 194 SHEETS

F.A.I. R.T.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-004 R&B (WB)	COOK	706	583
CONTRACT NO. 60X78				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY

GIRDER 13	LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEO. GRADE ELEV. ADJ. FOR DEF.	GIRDER 14	LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEO. GRADE ELEV. ADJ. FOR DEF.	GIRDER 15	LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEO. GRADE ELEV. ADJ. FOR DEF.			
																		LONGITUDINAL BOND CONSTRUCTION JOINT	LONGITUDINAL BOND CONSTRUCTION JOINT	LONGITUDINAL BOND CONSTRUCTION JOINT
E BRG PIER C4		36299+412	19.500	32.755	32.755	E BRG PIER C4		36299+412	22.500	32.795	32.795	E BRG PIER C4		36299+412	25.500	32.835	32.835			
	A	36309+412	19.500	32.808	32.826		A	36309+412	22.500	32.839	32.858		A	36309+412	25.500	32.871	32.890			
	B	36319+412	19.500	32.859	32.886		B	36319+412	22.500	32.879	32.910		B	36319+412	25.500	32.903	32.934			
	C	36329+412	19.500	32.898	32.939		C	36329+412	22.500	32.914	32.945		C	36329+412	25.500	32.930	32.961			
	D	36339+412	19.500	32.935	32.961		D	36339+412	22.500	32.946	32.969		D	36339+412	25.500	32.952	32.977			
	E	36349+412	19.500	32.968	32.984		E	36349+412	22.500	32.969	32.985		E	36349+412	25.500	32.969	32.985			
	F	36359+412	19.500	33.018	33.024		F	36359+412	22.500	33.012	33.018		F	36359+412	25.500	33.006	33.013			
	PIER C5						PIER C5						PIER C5							
	G	36376+578	19.500	33.093	33.103		G	36376+578	22.500	33.077	33.087		G	36376+578	25.500	33.060	33.070			
	H	36386+578	19.500	33.131	33.151		H	36386+578	22.500	33.108	33.128		H	36386+578	25.500	33.105	33.125			
	J	36396+578	19.500	33.164	33.191		J	36396+578	22.500	33.155	33.182		J	36396+578	25.500	33.155	33.182			
	K	36406+578	19.500	33.191	33.226		K	36406+578	22.500	33.155	33.191		K	36406+578	25.500	33.121	33.155			
	L	36416+578	19.500	33.214	33.244		L	36416+578	22.500	33.173	33.202		L	36416+578	25.500	33.131	33.160			
	M	36426+578	19.500	33.233	33.252		M	36426+578	22.500	33.185	33.204		M	36426+578	25.500	33.157	33.186			
	N	36436+578	19.500	33.246	33.258		N	36436+578	22.500	33.192	33.203		N	36436+578	25.500	33.139	33.149			
	O	36446+578	19.500	33.254	33.258		O	36446+578	22.500	33.194	33.198		O	36446+578	25.500	33.134	33.137			
PIER C6						PIER C6						PIER C6								
P	36451+578	19.500	33.261	33.261	P	36451+578	22.500	33.199	33.199	P	36451+578	25.500	33.136	33.136						
Q	36461+578	19.500	33.290	33.304	Q	36461+578	22.500	33.228	33.242	Q	36461+578	25.500	33.168	33.180						
R	36471+578	19.500	33.315	33.343	R	36471+578	22.500	33.252	33.280	R	36471+578	25.500	33.190	33.218						
S	36481+578	19.500	33.336	33.373	S	36481+578	22.500	33.272	33.310	S	36481+578	25.500	33.210	33.248						
T	36491+578	19.500	33.349	33.397	T	36491+578	22.500	33.287	33.334	T	36491+578	25.500	33.224	33.272						
U	36501+578	19.500	33.359	33.406	U	36501+578	22.500	33.297	33.344	U	36501+578	25.500	33.234	33.282						
V	36511+578	19.500	33.364	33.402	V	36511+578	22.500	33.302	33.340	V	36511+578	25.500	33.239	33.277						
W	36521+578	19.500	33.360	33.373	W	36521+578	22.500	33.329	33.329	W	36521+578	25.500	33.239	33.267						
PIER C7						PIER C7						PIER C7								
X	36541+264	19.500	33.350	33.350	X	36541+264	22.500	33.287	33.288	X	36541+264	25.500	33.226	33.226						
Y	36551+264	19.500	33.356	33.344	Y	36551+264	22.500	33.274	33.281	Y	36551+264	25.500	33.211	33.219						
Z	36561+264	19.500	33.317	33.332	Z	36561+264	22.500	33.255	33.270	Z	36561+264	25.500	33.190	33.207						
AA	36571+264	19.500	33.299	33.318	AA	36571+264	22.500	33.231	33.255	AA	36571+264	25.500	33.168	33.193						
AB	36581+264	19.500	33.265	33.289	AB	36581+264	22.500	33.202	33.236	AB	36581+264	25.500	33.140	33.174						
AC	36591+264	19.500	33.231	33.262	AC	36591+264	22.500	33.189	33.200	AC	36591+264	25.500	33.116	33.137						
AD	36601+264	19.500	33.195	33.220	AD	36601+264	22.500	33.169	33.200	AD	36601+264	25.500	33.071	33.095						
AE	36611+264	19.500	33.151	33.176	AE	36611+264	22.500	33.134	33.157	AE	36611+264	25.500	33.051	33.051						
PIER C8						PIER C8						PIER C8								
AF	36621+264	19.500	33.126	33.131	AF	36621+264	22.500	33.064	33.069	AF	36621+264	25.500	33.001	33.006						
AG	36626+264	19.500	33.109	33.109	AG	36626+264	22.500	33.046	33.046	AG	36626+264	25.500	32.984	32.984						
AH	36636+264	19.500	33.074	33.083	AH	36636+264	22.500	33.011	33.020	AH	36636+264	25.500	32.949	32.958						
AJ	36646+264	19.500	33.039	33.057	AJ	36646+264	22.500	32.976	32.995	AJ	36646+264	25.500	32.914	32.932						
AK	36656+264	19.500	33.005	33.021	AK	36656+264	22.500	32.941	32.969	AK	36656+264	25.500	32.879	32.907						
AL	36666+264	19.500	32.968	33.000	AL	36666+264	22.500	32.906	32.937	AL	36666+264	25.500	32.844	32.875						
BRG PIER C9						BRG PIER C9						BRG PIER C9								
	36693+431	19.500	32.873	32.873		36693+431	22.500	32.811	32.811		36693+431	25.500	32.749	32.749						

ROUTE NO.	SECTION	COUNTY	
F.A.I. RT. 94	1975-117-R	COOK	29
FED. ROAD DIV. NO. 7		ILLINOIS	PROJECT I-19-24-3

NOTE: All elevations in the tables are given at the top of the concrete deck as shown in DETAIL 2, on Sht. 5-9/

DESIGNED BY: _____
DRAWN BY: _____
CHECKED BY: _____

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
CIRCLE INTERCHANGE AND
EISENHOWER EXPRESSWAY
REHABILITATION
ELEVATIONS
I-90 W.B. BENT C4 TO BENT C9
F.A.I. RT. 94 COOK COUNTY SECTION 1975-117-R
CONTRACT NO. 60X78

0160461-60X78-5307-EXT.dgn



USER NAME = pateld	DESIGNED -	REVISED -
PLOT SCALE = N.T.S.	CHECKED -	REVISED -
PLOT DATE = 3/23/2016	DRAWN - DCP	REVISED -
	CHECKED - JIG	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

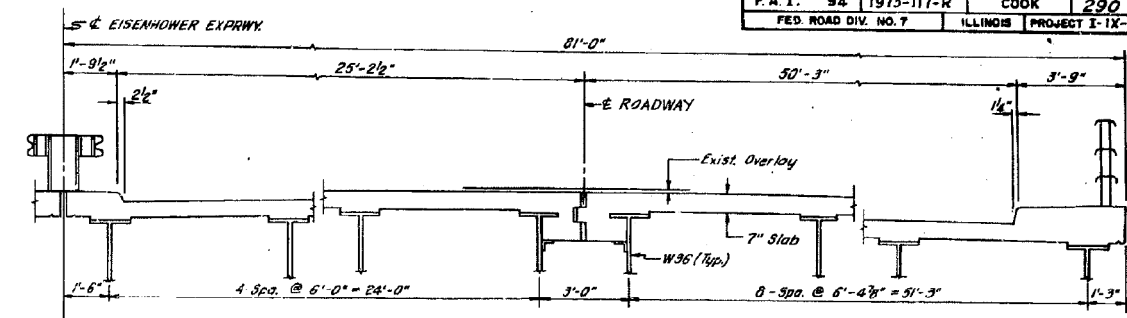
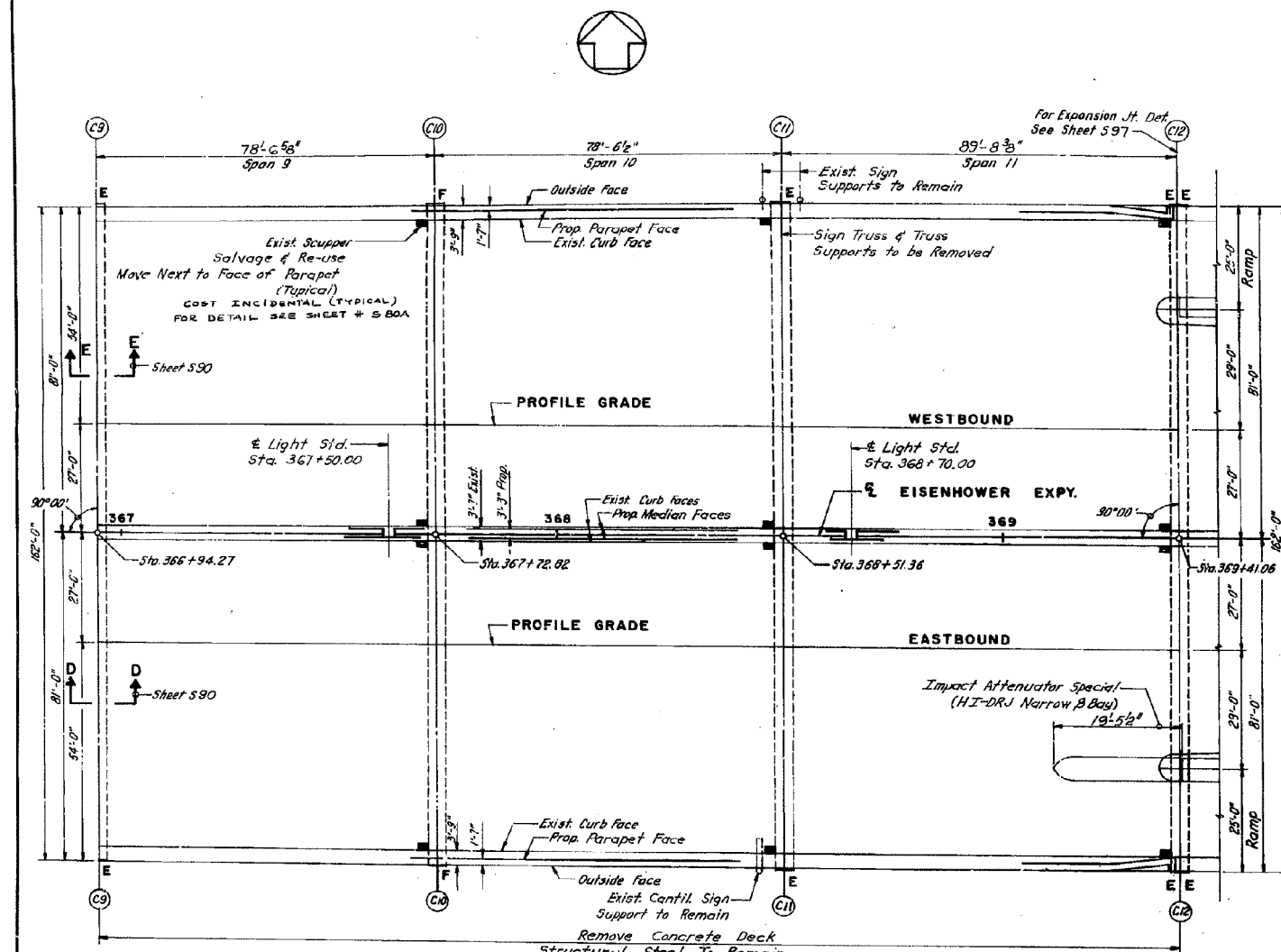
EXISTING PLANS
STRUCTURE NO. 016-0461

SHEET NO. 162 OF 194 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-004 R&B (WB)	COOK	706	584
CONTRACT NO. 60X78				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F. A. I. 94	1975-117-R	COOK	290	121
FED. ROAD DIV. NO. 7	ILLINOIS	PROJECT I-1X-94-34		



TYPICAL EXISTING DECK CROSS SECTION
E. B. RDWY. LOOKING EAST & W. B. RDWY. LOOKING WEST

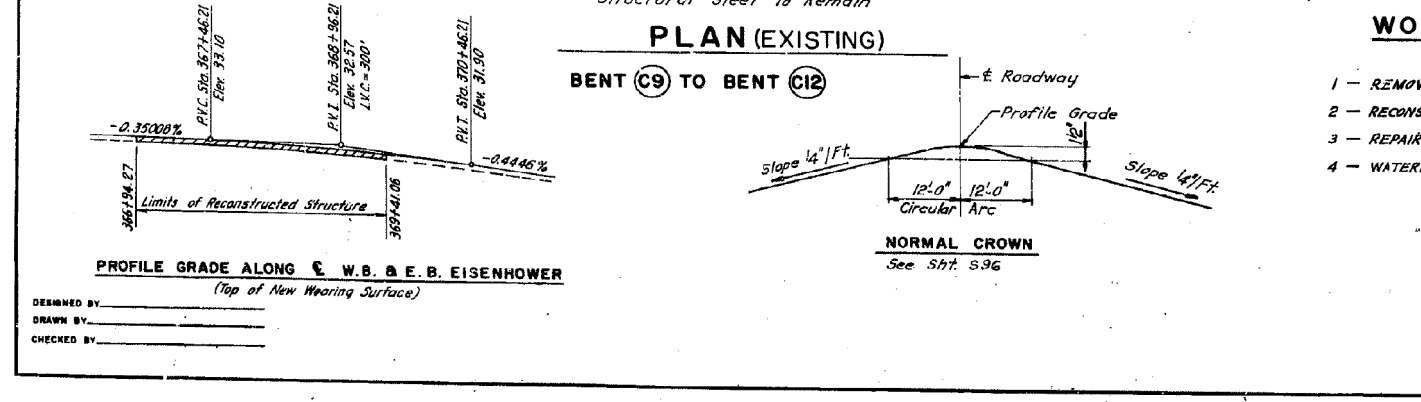
DESIGN SPECIFICATIONS

1977 A.A.S.H.T.O. and Interim Specifications As Applicable
DESIGN CRITERIA
 DESIGN STRESSES
 $f_c = 3500$ psi Deck Slab, Curb, Parapet
 $f_s = 60,000$ psi Reinforcement
DESIGN METHOD
 Load Factor Design
LOADING
 HS 20-44 (New Construction)
 2.5" Future Wearing Surface
 Non-Composite Construction

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPERSTR.	SUBSTR.	TOTAL
Protective Coat	Sq. Yd.	428		428
Waterproofing Membrane	Sq. Yd.	4,256		4,256
Bit Concrete Surface Course	Ton	356		356
Removal of Existing Superstructure No. 6	Cu. Ft.	1		1
Neoprene Expansion Joint 66"	Lin. Ft.	180		180
Repair Concrete Structures	Sq. Ft.		891	891
Class X Concrete	Cu. Yd.	1116		1116
Reinforcement Bars	Lb.	103,190		103,190
Reinforcement Bars (Epoxy Coated)	Lb.	174,000		174,000
Steel Pipe	Lin. Ft.	120		120
Preformed Joint Sealer 2 1/2"	Lin. Ft.	257		257
Epoxy Mortar Repair	Cu. Ft.		24	24

For General Notes See Sht. 5-80



WORK TO BE PERFORMED

- 1 - REMOVE EXISTING DECK SLAB
- 2 - RECONSTRUCT DECK SLAB USING EPOXY COATED TOP REINFORCEMENT
- 3 - REPAIR SUBSTRUCTURES AS REQUIRED
- 4 - WATERPROOF AND RESURFACE WITH 1/2" BITUMINOUS SURFACE COURSE

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 CIRCLE INTERCHANGE AND
 EISENHOWER EXPRESSWAY
 REHABILITATION
GENERAL PLAN
BENT C9 TO BENT C12
 F.A.I. RT. 94 COOK COUNTY SECTION 1975-117-R
 CHRISTIAN-ROGE AND ASSOC.
 ENGINEERS
 CHICAGO, ILLINOIS

0160461-60X78-5308-EXT.dgn

PARSONS BRINCKERHOFF

USER NAME = pateld	DESIGNED -	REVISED -
PLOT SCALE = N.T.S.	CHECKED -	REVISED -
PLOT DATE = 3/23/2016	DRAWN - DCP	REVISED -
	CHECKED - JIG	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EXISTING PLANS
 STRUCTURE NO. 016-0461
 SHEET NO. 163 OF 194 SHEETS

F.A.I. RTE. 90/94/290	SECTION 2014-004 R&B (WB)	COUNTY COOK	TOTAL SHEETS 706	SHEET NO. 585
CONTRACT NO. 60X78				ILLINOIS FED. AID PROJECT

FOR INFORMATION ONLY

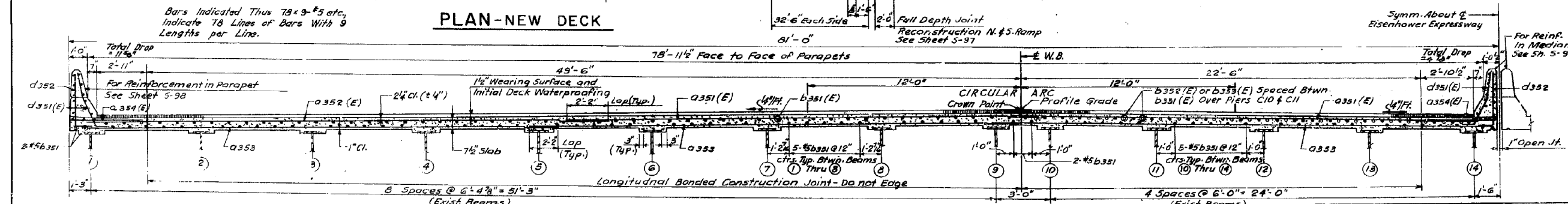
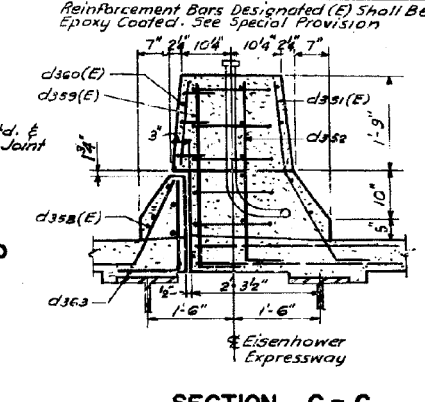
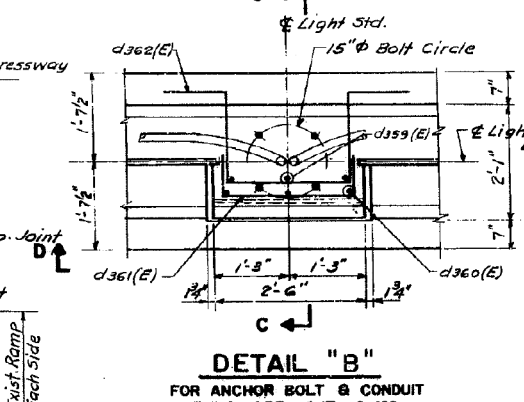
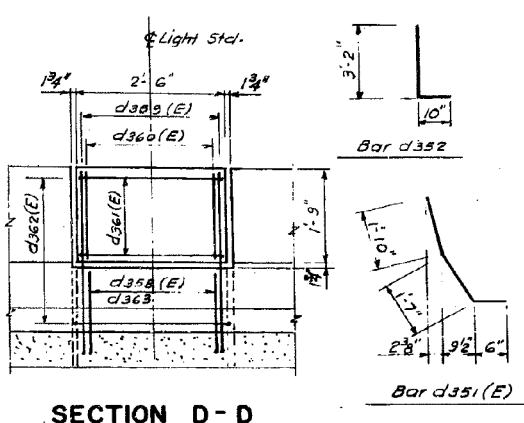
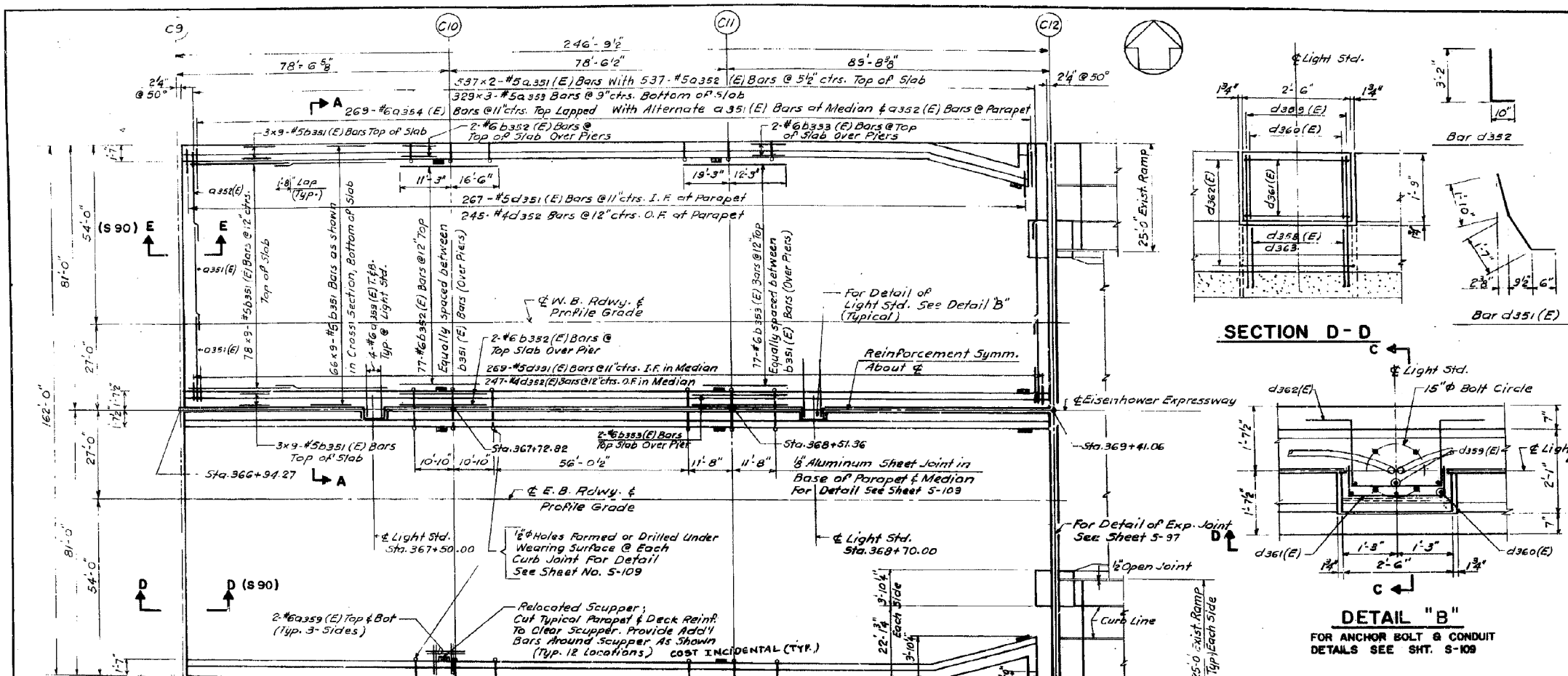
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 94	1975-117-R	COOK	290	122
FED. ROAD DIV. NO. 7 ILLINOIS PROJECT I-IX-94-3()				

BILL OF MATERIAL

BAR NO.	(E)	SIZE	LENGTH	SHAPE
Q351(E)		2148 #5	27'-0"	
Q352(E)		1074 #5	31'-0"	
Q353	1974	#5	28'-4"	
Q354(E)		1076 #6	4'-0"	
Q359(E)		160 #6	6'-0"	
b351(E)		1512 #5	28'-10"	
b351	1188	#5	28'-10"	
b352(E)		162 #6	27'-9"	
b353(E)		162 #6	31'-6"	
d351(E)		1072 #5	3'-11"	
d352	984	#4	4'-0"	

Material	Quantity	Unit
Reinforcement Bars	36,700	Lb.
Rein. Bars (Epoxy Coated)	167,390	Lb.
Class X Concrete	Ca. 74	1,000
Waterproofing Membrane System	56,746	Sq. Yd.
Bitum. Conc. Surf. Course	356	Ton

Reinforcement Bars Designated (E) Shall Be Epoxy Coated. See Special Provision



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
CIRCLE INTERCHANGE AND
EISENHOWER EXPRESSWAY
REHABILITATION
PLAN AND CROSS SECTION
BENT C9 TO C12
F.A.I. RT. 94 COOK COUNTY SECTION 1975-117-R
CHRISTIAN-ROSE AND ASSOC.
ENGINEERS
CHICAGO, ILLINOIS
SHEET 596F
Rev. 3-78-30 Rc 5

0160461-60X78-5309-EXT.dgn

PARSONS BRINCKERHOFF

USER NAME = pateld	DESIGNED -	REVISED -
PLOT SCALE = N.T.S.	CHECKED -	REVISED -
PLOT DATE = 3/23/2016	DRAWN - DCP	REVISED -
	CHECKED - JIG	REVISED -

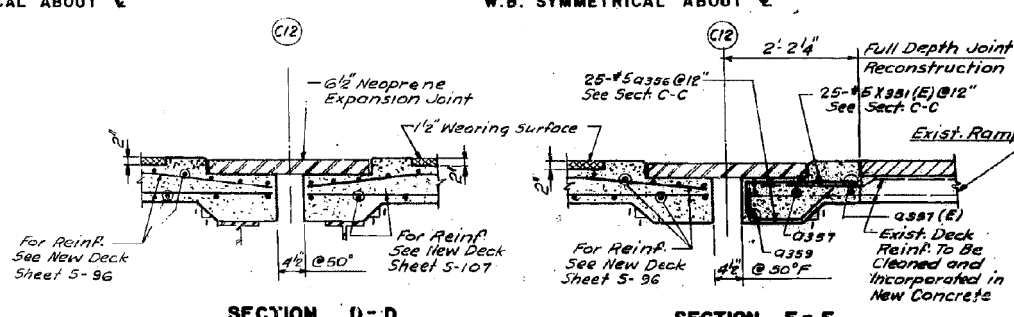
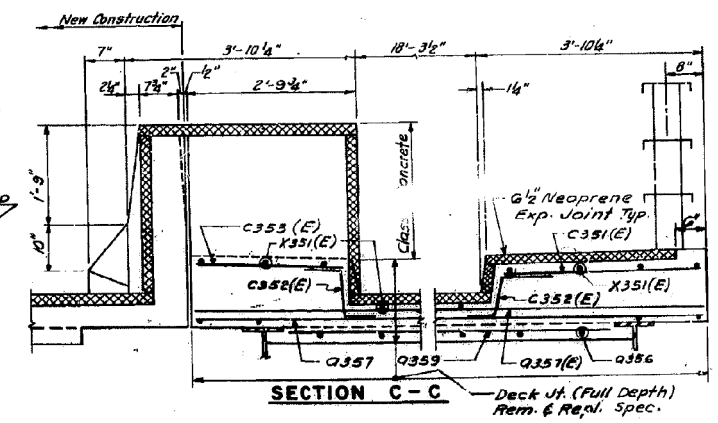
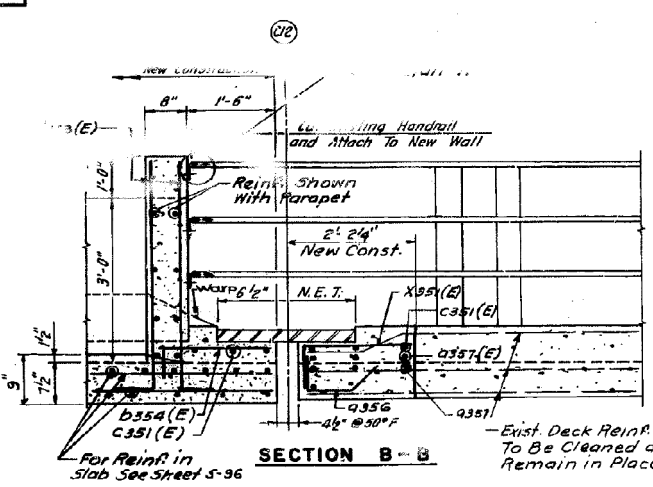
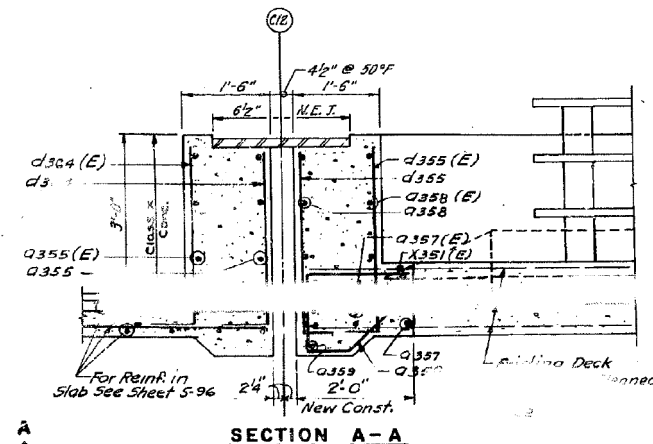
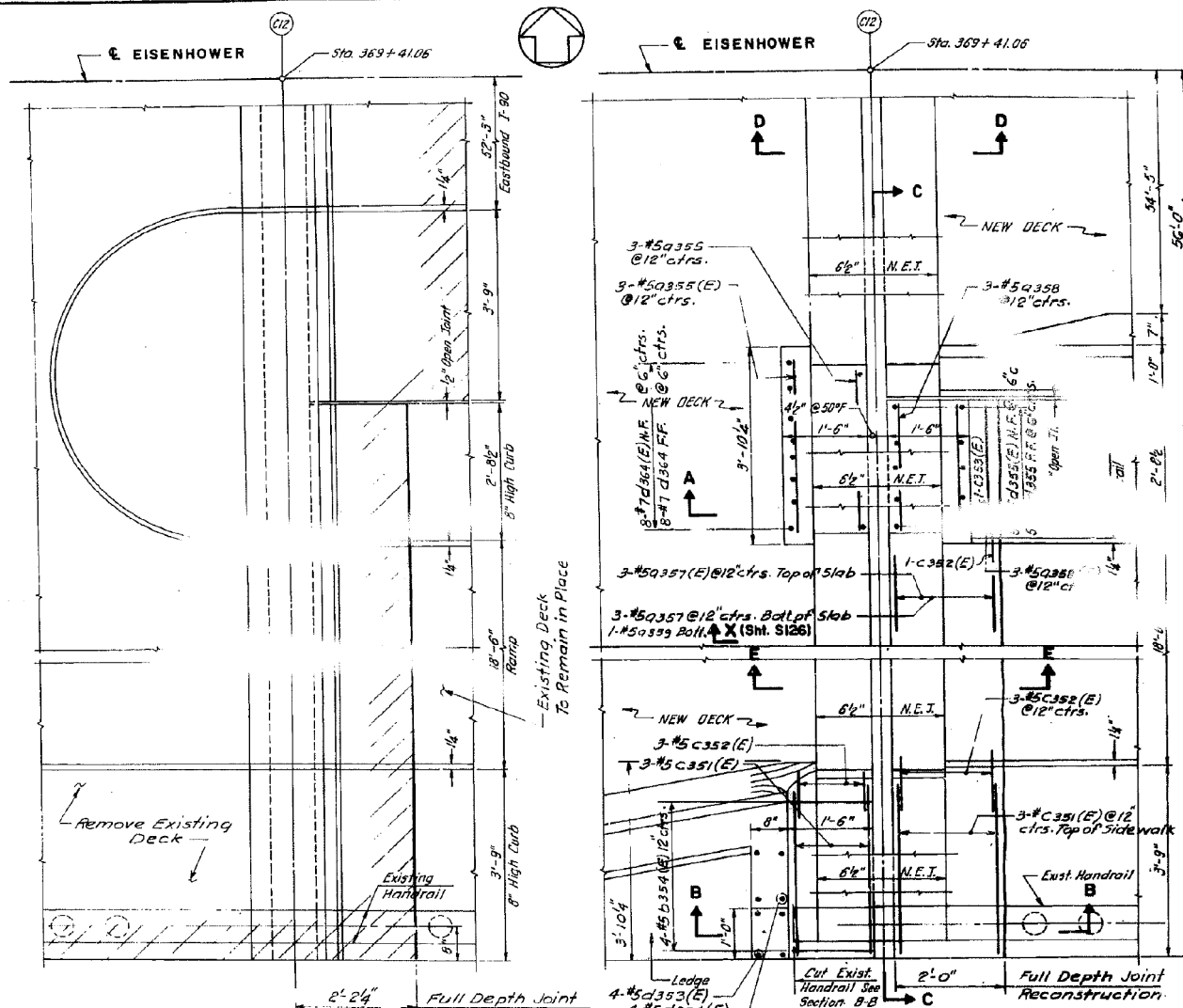
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS
STRUCTURE NO. 016-0461
SHEET NO. 164 OF 194 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-004 R&B (WB)	COOK	706	586
CONTRACT NO. 60X78				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY

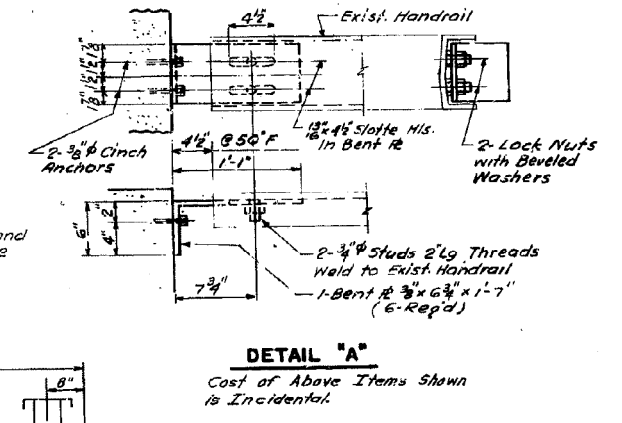
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.-94	1975-117-R	COOK	290	123
FED. ROAD DIV. NO. 7		ILLINOIS	PROJECT 2-1X-94-5(1)	



BILL OF MATERIAL

BAR NO.	SIZE	LENGTH	SHAPE
X351(E)	#5	2'-6"	
a355(E)	#5	2'-9"	
a355	#5	2'-8"	
a356	#5	2'-6"	
a357(E)	#5	2'-6"	
a357	#5	2'-6"	
a358(E)	#5	2'-2"	
a358	#5	2'-2"	
a359	#5	2'-2"	
a359	#5	2'-2"	
b354(E)	#5	1'-11"	
c351(E)	#5	3'-3"	
c352(E)	#5	2'-7"	
c353(E)	#5	2'-4"	
d354(E)	#7	3'-11"	
d354	#7	3'-11"	
d354(E)	#5	4'-11"	
d355(E)	#5	3'-11"	
d355	#5	3'-11"	

Reinforcement Bars Designated (E) Shall Be Epoxy Coated. See Special Provision



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
CIRCLE INTERCHANGE AND
EISENHOWER EXPRESSWAY
REHABILITATION
BENT 12 JOINT DETAILS
F.A.I. RT. 94 COOK COUNTY SECTION 1975-117-R
CHRISTIAN-ROBE AND ASSOC.
ENGINEERS
CHICAGO, ILLINOIS

DESIGNED BY: _____
DRAWN BY: DCP
CHECKED BY: JIG

0160461-60X78-5310-EXT.dgn

PARSONS BRINCKERHOFF

USER NAME = pateld	DESIGNED -	REVISED -
PLOT SCALE = N.T.S.	CHECKED -	REVISED -
PLOT DATE = 3/23/2016	DRAWN - DCP	REVISED -
	CHECKED - JIG	REVISED -

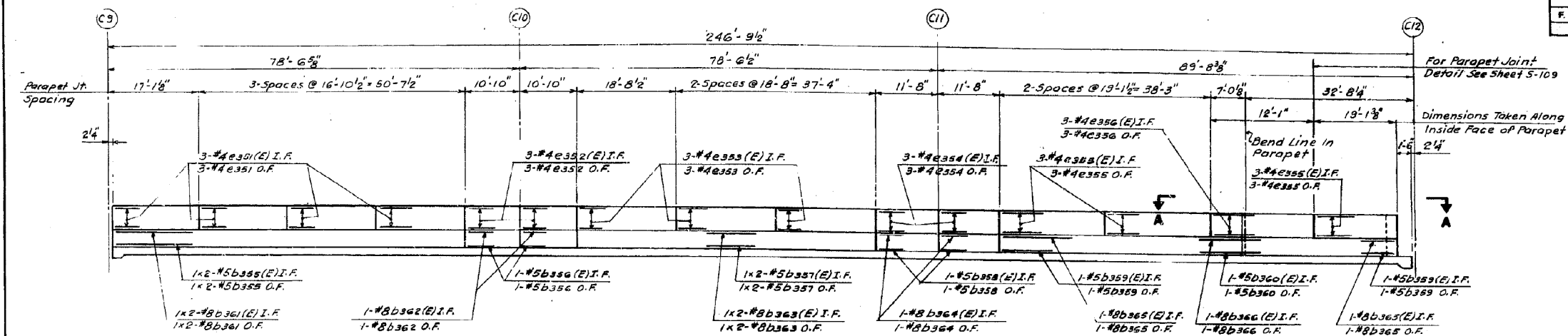
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS
STRUCTURE NO. 016-0461
SHEET NO. 165 OF 194 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-004 R&B (WB)	COOK	706	587
CONTRACT NO. 60X78				ILLINOIS FED. AID PROJECT

FOR INFORMATION ONLY

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F. A. I. 94	1975-117-R	COOK	290	124
FED. ROAD DIV. NO. 7	ILLINOIS	PROJECT I-1X-94-3		

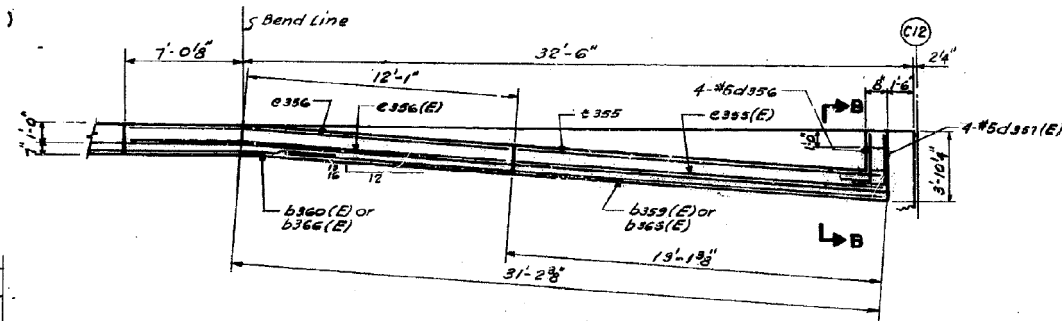


INSIDE ELEVATION OF PARAPET
(NORTH PARAPET SHOWN, SOUTH PARAPET OPPOSITE HAND)

Min. Lap: 1'-0" For #5 Bars
2'-6" For #8 Bars

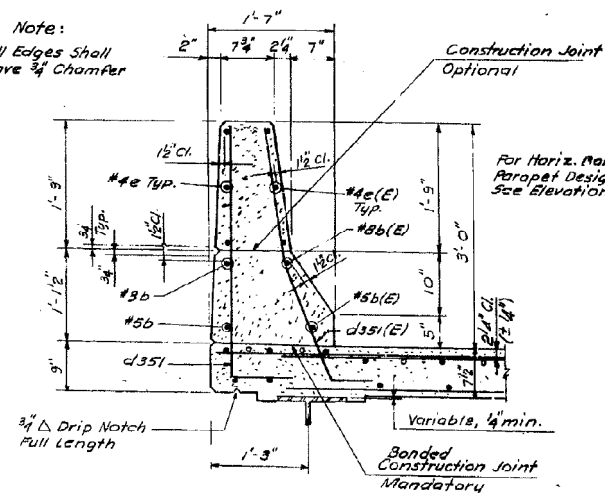
Bars Indicated Thus 1x2-#8 etc.,
Indicate 1 Line of Bars With 2
Length per Line.

BILL OF MATERIAL				
BAR NO.	(E)	SIZE	LENGTH	SHAPE
c351(E)	-	#4	16'-7"	
c352(E)	-	#4	16'-7"	
c353(E)	-	#4	10'-7"	
c354(E)	-	#4	18'-5"	
c355(E)	-	#4	18'-5"	
c356(E)	-	#4	18'-5"	
b355(E)	-	#5	34'-6"	
b356(E)	-	#5	34'-6"	
b357(E)	-	#5	10'-7"	
b358(E)	-	#5	10'-7"	
b359(E)	-	#5	28'-8"	
b360(E)	-	#5	28'-8"	
b361(E)	-	#5	11'-5"	
b362(E)	-	#5	11'-5"	
b363(E)	-	#5	30'-0"	
b364(E)	-	#5	30'-0"	
b365(E)	-	#5	21'-5"	
b366(E)	-	#5	21'-5"	
d356(E)	-	#8	4'-3"	L
d357(E)	-	#8	4'-3"	L
Reinforcement Bars				
Rein. Bars (Epoxy Coated)		Lb.	2,880	
Class X Concrete		Cu. Yd.	55	
Protective Coat		Sq. Yd.	209	

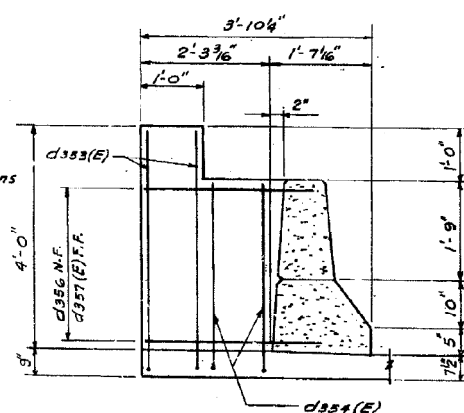


SECTIONAL PLAN A-A

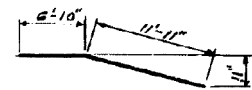
Note:
All Edges Shall
Have 3/4 Chamfer



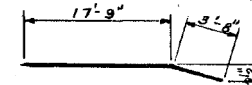
SECTION THRU PARAPET



SECTION B-B



Bar c356(E) f c356



Bar b360(E) f b360
Bar b366(E) f b366



Bar d356 f d357(E)

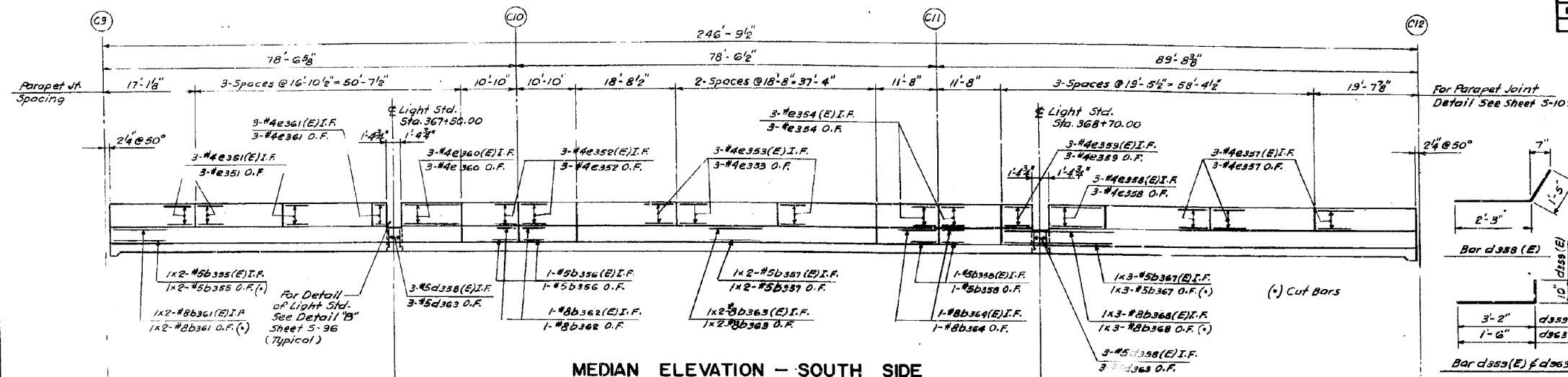
Reinforcement Bars Designated (E) Shall
Be Epoxy Coated. See Special Provision

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
CIRCLE INTERCHANGE AND
EIGENHOWER EXPRESSWAY
REHABILITATION
PARAPETS
BENT C9 TO C12
F.A.I. RT. 94 COOK COUNTY SECTION 1975-117-R
CHRISTIAN-ROSE AND ASSOC.
ENGINEERS
CHICAGO, ILLINOIS

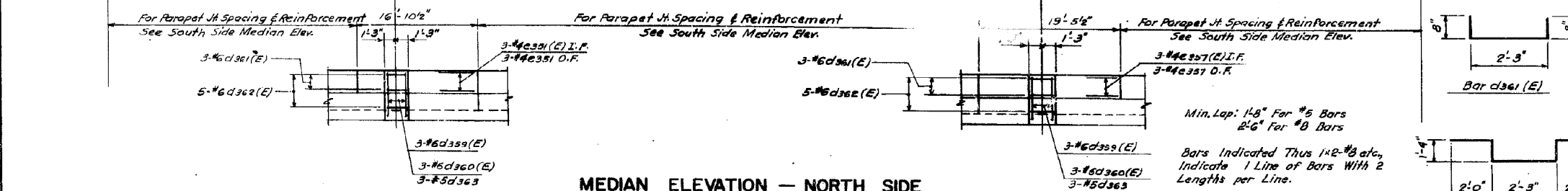
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FOR INFORMATION ONLY

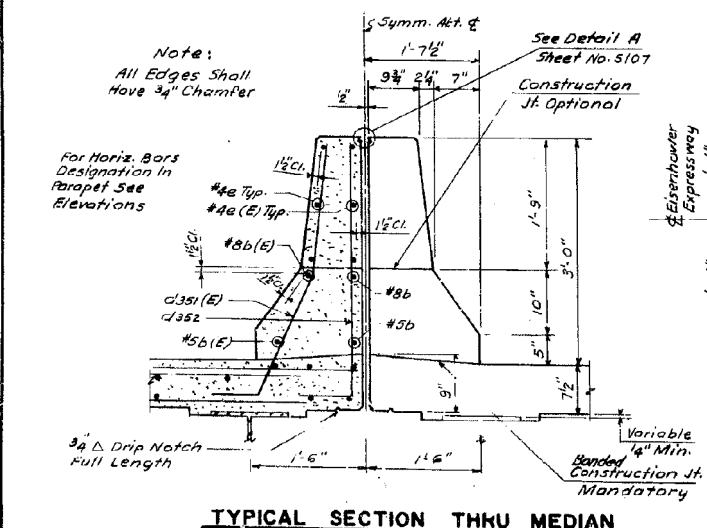
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 94	1975-117-R	COOK	290	125
FED. ROAD DIV. NO. 7		ILLINOIS PROJECT T-1X-94-31		



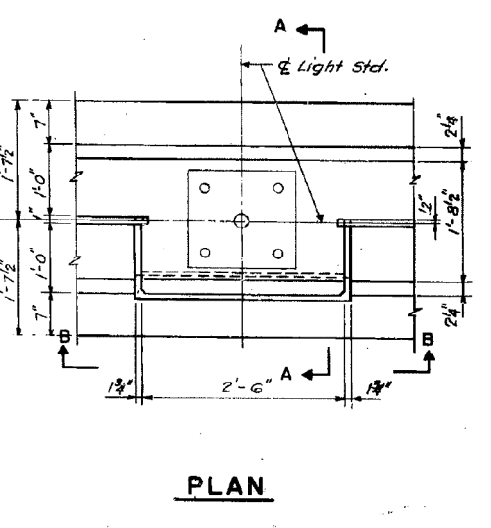
MEDIAN ELEVATION - SOUTH SIDE



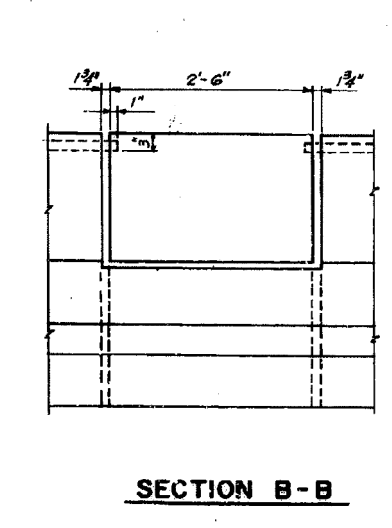
MEDIAN ELEVATION - NORTH SIDE



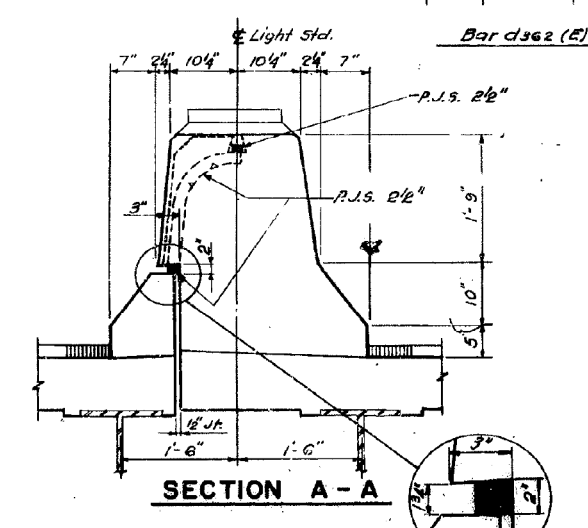
TYPICAL SECTION THRU MEDIAN



PLAN



SECTION B-B



SECTION A-A

JOINT DETAIL AT LIGHT STANDARD

BILL OF MATERIAL

BAR NO.	(E)	SIZE	LENGTH	SHAPE
e351(E)	21	#4	16'-7"	
e352(E)	12	#4	10'-7"	
e353(E)	18	#4	18'-5"	
e354(E)	12	#4	11'-5"	
e355(E)	21	#4	19'-2"	
e356(E)	3	#4	10'-11"	
e357(E)	3	#4	10'-11"	
e358(E)	3	#4	10'-11"	
e359(E)	3	#4	5'-4"	
e360(E)	3	#4	10'-4"	
e361(E)	3	#4	10'-4"	
e362(E)	3	#4	3'-5"	
e363(E)	3	#4	3'-5"	
b355(E)	4	#5	34'-6"	
b356(E)	4	#5	34'-6"	
b357(E)	4	#5	10'-7"	
b358(E)	4	#5	28'-8"	
b359(E)	4	#5	28'-8"	
b360(E)	4	#5	11'-5"	
b361(E)	4	#5	11'-5"	
b362(E)	4	#5	34'-11"	
b363(E)	4	#5	10'-7"	
b364(E)	4	#5	10'-7"	
b365(E)	4	#5	29'-7"	
b366(E)	4	#5	29'-7"	
b367(E)	4	#5	11'-5"	
b368(E)	4	#5	11'-5"	
b369(E)	4	#5	26'-6"	
b370(E)	4	#5	26'-6"	
b371(E)	4	#5	26'-6"	
b372(E)	4	#5	26'-6"	
b373(E)	4	#5	26'-6"	
b374(E)	4	#5	26'-6"	
b375(E)	4	#5	26'-6"	
b376(E)	4	#5	26'-6"	
b377(E)	4	#5	26'-6"	
b378(E)	4	#5	26'-6"	
b379(E)	4	#5	26'-6"	
b380(E)	4	#5	26'-6"	
b381(E)	4	#5	26'-6"	
b382(E)	4	#5	26'-6"	
b383(E)	4	#5	26'-6"	
b384(E)	4	#5	26'-6"	
b385(E)	4	#5	26'-6"	
b386(E)	4	#5	26'-6"	
b387(E)	4	#5	26'-6"	
b388(E)	4	#5	26'-6"	
b389(E)	4	#5	26'-6"	
b390(E)	4	#5	26'-6"	
b391(E)	4	#5	26'-6"	
b392(E)	4	#5	26'-6"	
b393(E)	4	#5	26'-6"	
b394(E)	4	#5	26'-6"	
b395(E)	4	#5	26'-6"	
b396(E)	4	#5	26'-6"	
b397(E)	4	#5	26'-6"	
b398(E)	4	#5	26'-6"	
b399(E)	4	#5	26'-6"	
b400(E)	4	#5	26'-6"	
d358(E)	6	#5	3'-8"	
d359(E)	6	#5	4'-0"	
d360(E)	6	#5	1'-5"	
d361(E)	6	#5	3'-7"	
d362(E)	6	#5	8'-11"	
d363(E)	6	#5	8'-11"	
d364(E)	6	#5	2'-2"	
d365(E)	12	#5	2'-2"	
Reinforcement Bars				Lbs. 3,080
Rein. Bars (Epoxy Coated)				Lbs. 3,070
Class X Concrete				(cu. yd.) 59
Protective Coat				(sq. yd.) 219

Reinforcement Bars Designated (E) Shall Be Epoxy Coated. See Special Provision

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
CIRCLE INTERCHANGE AND
EISENHOWER EXPRESSWAY
REHABILITATION
MEDIAN
BENT C9 TO BENT C12
F.A.I. RT. 94 COOK COUNTY SECTION 1975-117-R
CHRISTIAN, ROSE AND ASSOC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET
599

0160461-60X78-5312-EXT.dgn

PARSONS BRINCKERHOFF

USER NAME = pateld	DESIGNED -	REVISED -
PLOT SCALE = N.T.S.	CHECKED -	REVISED -
PLOT DATE = 3/23/2016	DRAWN - DCP	REVISED -
	CHECKED - JIG	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

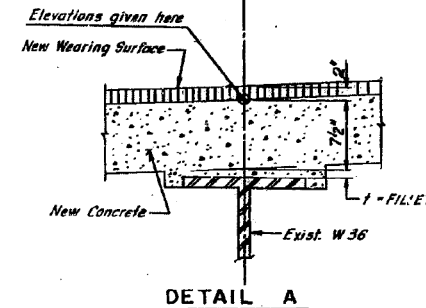
EXISTING PLANS
STRUCTURE NO. 016-0461
SHEET NO. 167 OF 194 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-004 R&B (WB)	COOK	706	589
CONTRACT NO. 60X78				ILLINOIS FED. AID PROJECT

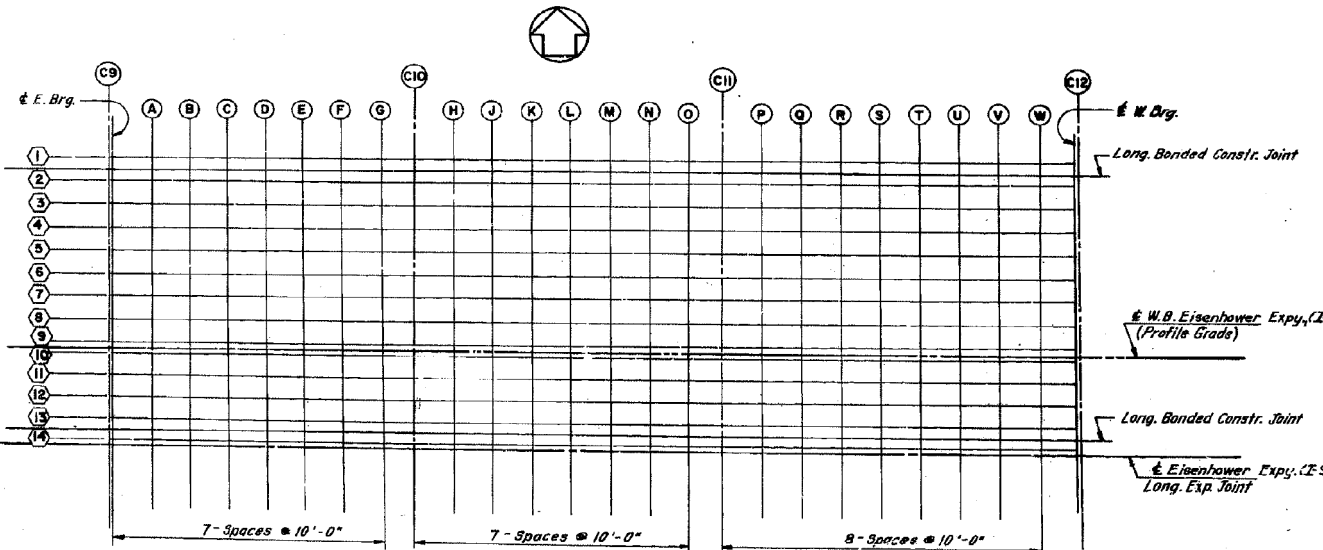
FOR INFORMATION ONLY

GIRDER	LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEO. GRADE ELEV. ADJ. FOR DEF.	LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEO. GRADE ELEV. ADJ. FOR DEF.	GIRDER	LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEO. GRADE ELEV. ADJ. FOR DEF.
GIRDER 1	E BRG PIER C9	36695.098	-52.750	32.176	32.176	E BRG PIER C9	36695.098	-49.500	32.244	32.244	E BRG PIER C9	36695.098	-46.343	32.309	32.309	
	A	36705.098	-52.750	32.161	32.173	A	36705.098	-49.500	32.209	32.241	A	36705.098	-46.343	32.274	32.306	
	B	36715.098	-52.750	32.106	32.109	B	36715.098	-49.500	32.174	32.236	B	36715.098	-46.343	32.229	32.302	
	C	36725.098	-52.750	32.071	32.142	C	36725.098	-49.500	32.139	32.210	C	36725.098	-46.343	32.204	32.278	
	D	36735.098	-52.750	32.053	32.112	D	36735.098	-49.500	32.104	32.180	D	36735.098	-46.343	32.169	32.245	
	E	36745.098	-52.750	32.001	32.061	E	36745.098	-49.500	32.068	32.129	E	36745.098	-46.343	32.134	32.194	
	F	36755.098	-52.750	31.966	32.009	F	36755.098	-49.500	32.033	32.076	F	36755.098	-46.343	32.099	32.142	
	G	36765.098	-52.750	31.930	31.949	G	36765.098	-49.500	31.998	32.017	G	36765.098	-46.343	32.064	32.082	
	PIER C10	36772.815	-52.750	31.903	31.903	PIER C10	36772.815	-49.500	31.970	31.970	PIER C10	36772.815	-46.343	32.036	32.036	
	H	36782.815	-52.750	31.867	31.866	H	36782.815	-49.500	31.934	31.932	H	36782.815	-46.343	32.000	31.997	
	J	36792.815	-52.750	31.830	31.825	J	36792.815	-49.500	31.898	31.893	J	36792.815	-46.343	31.964	31.958	
	K	36802.815	-52.750	31.794	31.786	K	36802.815	-49.500	31.861	31.853	K	36802.815	-46.343	31.927	31.919	
	L	36812.815	-52.750	31.757	31.746	L	36812.815	-49.500	31.824	31.814	L	36812.815	-46.343	31.890	31.879	
	M	36822.815	-52.750	31.720	31.706	M	36822.815	-49.500	31.787	31.774	M	36822.815	-46.343	31.853	31.840	
N	36832.815	-52.750	31.682	31.667	N	36832.815	-49.500	31.750	31.735	N	36832.815	-46.343	31.815	31.800		
O	36842.815	-52.750	31.644	31.637	O	36842.815	-49.500	31.712	31.705	O	36842.815	-46.343	31.777	31.771		
PIER C11	36851.355	-52.750	31.611	31.611	PIER C11	36851.355	-49.500	31.679	31.679	PIER C11	36851.355	-46.343	31.745	31.745		
P	36861.355	-52.750	31.573	31.599	P	36861.355	-49.500	31.641	31.666	P	36861.355	-46.343	31.706	31.732		
Q	36871.355	-52.750	31.534	31.586	Q	36871.355	-49.500	31.602	31.653	Q	36871.355	-46.343	31.667	31.719		
R	36881.355	-52.750	31.495	31.567	R	36881.355	-49.500	31.563	31.635	R	36881.355	-46.343	31.628	31.700		
S	36891.355	-52.750	31.456	31.546	S	36891.355	-49.500	31.523	31.614	S	36891.355	-46.343	31.589	31.680		
T	36901.355	-52.750	31.416	31.510	T	36901.355	-49.500	31.484	31.577	T	36901.355	-46.343	31.549	31.643		
U	36911.355	-52.750	31.376	31.480	U	36911.355	-49.500	31.443	31.528	U	36911.355	-46.343	31.509	31.594		
V	36921.355	-52.750	31.336	31.402	V	36921.355	-49.500	31.403	31.470	V	36921.355	-46.343	31.469	31.535		
W	36931.355	-52.750	31.295	31.326	W	36931.355	-49.500	31.362	31.394	W	36931.355	-46.343	31.428	31.459		
E BRG PIER C12	36940.222	-52.750	31.259	31.259	E BRG PIER C12	36940.222	-49.500	31.326	31.326	E BRG PIER C12	36940.222	-46.343	31.292	31.292		

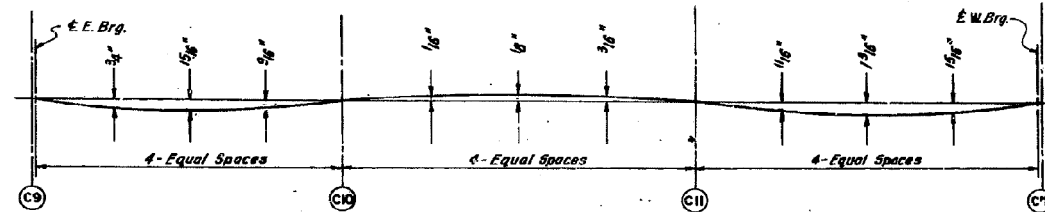
NOTE: All elevations in the tables are given at the top of the concrete deck as shown in DETAIL A.



FILLET HEIGHTS
 To determine "t" as shown in DETAIL A: After all existing concrete superstructure has been demolished and removed from each span, elevations of the top flanges of the beams shall be taken at intervals shown in Plan. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" shown in tables minus slab thickness, equals the fillet heights "t" above the top flange of beams.



PLAN



DEAD LOAD DEFLECTION DIAGRAM
 (Includes weight of concrete only)

NOTE: The above deflections are not to be used in the field if the engineer is working from the grade elevations adjusted for dead load deflections as shown above.

DESIGNED BY: _____
 DRAWN BY: _____
 CHECKED BY: _____

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 CIRCLE INTERCHANGE AND
 EISENHOWER EXPRESSWAY
 RENOVATION
 ELEVATIONS
 I-90 W.B. BENT C9 TO BENT C12

F.A.I. RT. 94 COOK COUNTY SECTION 1975-117-1
 CHRISTIAN LEWIS AND ASSOC.
 CHICAGO, ILLINOIS

0160461-60X78-5313-EXT.dgn

FOR INFORMATION ONLY

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. RT. 94	1975-117-R	COOK	290	127
FEB. ROAD DIV. NO. 7			ILLINOIS PROJECT I-1X-94-31	

GIRDER	LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEO. GRADE ELEV. ADJ. FOR DEFLECTION	LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEO. GRADE ELEV. ADJ. FOR DEFLECTION	LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEO. GRADE ELEV. ADJ. FOR DEFLECTION	LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEO. GRADE ELEV. ADJ. FOR DEFLECTION
3	BRG PIER C9	36695.098	-39.937	32.442	32.442	BRG PIER C9	36695.098	-33.531	32.576	32.576	BRG PIER C9	36695.098	-27.125	32.709	32.709	BRG PIER C9	36695.098	-20.718	32.842	32.842
	A	36705.098	-39.937	32.407	32.440	A	36705.098	-33.531	32.541	32.573	A	36705.098	-27.125	32.674	32.706	A	36705.098	-20.718	32.807	32.839
	B	36715.098	-39.937	32.372	32.435	B	36715.098	-33.531	32.506	32.569	B	36715.098	-27.125	32.639	32.702	B	36715.098	-20.718	32.772	32.835
	C	36725.098	-39.937	32.337	32.408	C	36725.098	-33.531	32.471	32.542	C	36725.098	-27.125	32.604	32.675	C	36725.098	-20.718	32.737	32.808
	D	36735.098	-39.937	32.302	32.379	D	36735.098	-33.531	32.436	32.512	D	36735.098	-27.125	32.569	32.640	D	36735.098	-20.718	32.702	32.778
	E	36745.098	-39.937	32.267	32.338	E	36745.098	-33.531	32.401	32.481	E	36745.098	-27.125	32.536	32.594	E	36745.098	-20.718	32.667	32.727
	F	36755.098	-39.937	32.232	32.305	F	36755.098	-33.531	32.366	32.408	F	36755.098	-27.125	32.499	32.542	F	36755.098	-20.718	32.632	32.675
	G	36765.098	-39.937	32.197	32.249	G	36765.098	-33.531	32.330	32.349	G	36765.098	-27.125	32.463	32.482	G	36765.098	-20.718	32.597	32.615
	PIER C10	36772.815	-39.937	32.169	32.169	PIER C10	36772.815	-33.531	32.302	32.302	PIER C10	36772.815	-27.125	32.436	32.436	PIER C10	36772.815	-20.718	32.569	32.569
	H	36782.815	-39.937	32.133	32.131	H	36782.815	-33.531	32.266	32.264	H	36782.815	-27.125	32.400	32.397	H	36782.815	-20.718	32.533	32.530
	J	36802.815	-39.937	32.080	32.052	J	36802.815	-33.531	32.219	32.186	J	36802.815	-27.125	32.327	32.319	J	36802.815	-20.718	32.460	32.452
	K	36812.815	-39.937	32.043	32.013	K	36812.815	-33.531	32.157	32.146	K	36812.815	-27.125	32.290	32.279	K	36812.815	-20.718	32.423	32.412
L	36822.815	-39.937	31.986	31.973	L	36822.815	-33.531	32.119	31.906	L	36822.815	-27.125	32.253	32.239	L	36822.815	-20.718	32.386	32.373	
M	36832.815	-39.937	31.948	31.936	M	36832.815	-33.531	32.082	32.057	M	36832.815	-27.125	32.215	32.200	M	36832.815	-20.718	32.348	32.335	
N	36842.815	-39.937	31.911	31.904	N	36842.815	-33.531	32.044	32.037	N	36842.815	-27.125	32.177	32.170	N	36842.815	-20.718	32.310	32.304	
O	36851.355	-39.937	31.878	31.878	O	36851.355	-33.531	32.011	32.011	O	36851.355	-27.125	32.144	32.144	O	36851.355	-20.718	32.278	32.278	
P	36861.355	-39.937	31.840	31.865	P	36861.355	-33.531	31.973	31.999	P	36861.355	-27.125	32.106	32.132	P	36861.355	-20.718	32.239	32.265	
Q	36871.355	-39.937	31.801	31.852	Q	36871.355	-33.531	31.934	31.986	Q	36871.355	-27.125	32.067	32.119	Q	36871.355	-20.718	32.200	32.252	
R	36881.355	-39.937	31.762	31.834	R	36881.355	-33.531	31.895	31.967	R	36881.355	-27.125	32.028	32.100	R	36881.355	-20.718	32.161	32.213	
S	36891.355	-39.937	31.722	31.813	S	36891.355	-33.531	31.855	31.946	S	36891.355	-27.125	31.989	32.079	S	36891.355	-20.718	32.122	32.213	
T	36901.355	-39.937	31.682	31.776	T	36901.355	-33.531	31.816	31.909	T	36901.355	-27.125	31.949	32.043	T	36901.355	-20.718	32.082	32.176	
U	36911.355	-39.937	31.642	31.727	U	36911.355	-33.531	31.776	31.869	U	36911.355	-27.125	31.909	31.999	U	36911.355	-20.718	32.042	32.137	
V	36921.355	-39.937	31.602	31.668	V	36921.355	-33.531	31.735	31.802	V	36921.355	-27.125	31.869	31.935	V	36921.355	-20.718	32.002	32.068	
W	36931.355	-39.937	31.561	31.593	W	36931.355	-33.531	31.695	31.720	W	36931.355	-27.125	31.828	31.859	W	36931.355	-20.718	31.961	31.992	
BRG PIER C12	36940.222	-39.937	31.525	31.525	BRG PIER C12	36940.222	-33.531	31.658	31.658	BRG PIER C12	36940.222	-27.125	31.792	31.792	BRG PIER C12	36940.222	-20.718	31.925	31.925	

GIRDER	LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEO. GRADE ELEV. ADJ. FOR DEFLECTION	LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEO. GRADE ELEV. ADJ. FOR DEFLECTION	LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEO. GRADE ELEV. ADJ. FOR DEFLECTION	LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEO. GRADE ELEV. ADJ. FOR DEFLECTION
7	BRG PIER C9	36695.098	-14.312	32.975	32.975	BRG PIER C9	36695.098	-7.906	33.094	33.094	BRG PIER C9	36695.098	-1.500	33.147	33.147	BRG PIER C9	36695.098	-0.000	33.149	33.149
	A	36705.098	-14.312	32.940	32.973	A	36705.098	-7.906	33.059	33.091	A	36705.098	-1.500	33.112	33.144	A	36705.098	-0.000	33.114	33.146
	B	36715.098	-14.312	32.905	32.968	B	36715.098	-7.906	33.024	33.087	B	36715.098	-1.500	33.077	33.140	B	36715.098	-0.000	33.079	33.141
	C	36725.098	-14.312	32.870	32.941	C	36725.098	-7.906	32.989	33.060	C	36725.098	-1.500	33.042	33.113	C	36725.098	-0.000	33.044	33.115
	D	36735.098	-14.312	32.835	32.912	D	36735.098	-7.906	32.954	33.031	D	36735.098	-1.500	33.007	33.083	D	36735.098	-0.000	33.009	33.085
	E	36745.098	-14.312	32.800	32.881	E	36745.098	-7.906	32.919	32.979	E	36745.098	-1.500	32.972	33.032	E	36745.098	-0.000	33.073	33.034
	F	36755.098	-14.312	32.765	32.808	F	36755.098	-7.906	32.884	32.927	F	36755.098	-1.500	32.936	32.979	F	36755.098	-0.000	32.938	32.981
	G	36765.098	-14.312	32.730	32.748	G	36765.098	-7.906	32.849	32.867	G	36765.098	-1.500	32.901	32.920	G	36765.098	-0.000	32.903	32.922
	PIER C10	36772.815	-14.312	32.702	32.702	PIER C10	36772.815	-7.906	32.821	32.821	PIER C10	36772.815	-1.500	32.873	32.873	PIER C10	36772.815	-0.000	32.875	32.875
	H	36782.815	-14.312	32.666	32.664	H	36782.815	-7.906	32.785	32.782	H	36782.815	-1.500	32.837	32.835	H	36782.815	-0.000	32.839	32.837
	J	36802.815	-14.312	32.630	32.625	J	36802.815	-7.906	32.749	32.743	J	36802.815	-1.500	32.801	32.796	J	36802.815	-0.000	32.803	32.798
	K	36812.815	-14.312	32.593	32.585	K	36812.815	-7.906	32.712	32.704	K	36812.815	-1.500	32.754	32.756	K	36812.815	-0.000	32.756	32.758
L	36822.815	-14.312	32.556	32.546	L	36822.815	-7.906	32.675	32.669	L	36822.815	-1.500	32.717	32.717	L	36822.815	-0.000	32.719	32.719	
M	36832.815	-14.312	32.519	32.506	M	36832.815	-7.906	32.638	32.625	M	36832.815	-1.500	32.690	32.677	M	36832.815	-0.000	32.692	32.679	
N	36842.815	-14.312	32.481	32.467	N	36842.815	-7.906	32.600	32.584	N	36842.815	-1.500	32.653	32.638	N	36842.815	-0.000	32.655	32.640	
O	36851.355	-14.312	32.444	32.437	O	36851.355	-7.906	32.562	32.556	O	36851.355	-1.500	32.615	32.608	O	36851.355	-0.000	32.617	32.610	
PIER C11	36851.355	-14.312	32.411	32.411	PIER C11	36851.355	-7.906	32.530	32.530	PIER C11	36851.355	-1.500	32.582	32.582	PIER C11	36851.355	-0.000	32.584	32.584	
P	36861.355	-14.312	32.373	32.398	P	36861.355	-7.906	32.491	32.517	P	36861.355	-1.500	32.544	32.569	P	36861.355	-0.000	32.546	32.571	
Q	36871.355	-14.312	32.334	32.385	Q	36871.355	-7.906	32.453	32.504	Q	36871.355	-1.500	32.505	32.556	Q	36871.355	-0.000	32.507	32.556	
R	36881.355	-14.312	32.295	32.367	R	36881.355	-7.906	32.413	32.485	R	36881.355	-1.500	32.466	32.538	R	36881.355	-0.000	32.468	32.540	
S	36891.355	-14.312	32.255	32.346	S	36891.355	-7.906	32.374	32.465	S	36891.355	-1.500	32.426	32.517	S	36891.355	-0.000	32.428	32.519	
T	36901.355	-14.312	32.215	32.309	T	36901.355	-7.906	32.334	32.428	T	36901.355	-1.500	32.387	32.480	T	36901.355	-0.000	32.389	32.482	
U	36911.355	-14.312	32.175	32.260	U	36911.355	-7.906	32.294	32.379	U	36911.355	-1.500	32.347							

FOR INFORMATION ONLY

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. RT. 84	1875-117-R	COOK	290	128
FED. ROAD DIV. NO. 7		ILLINOIS	PROJECT I-1X-84-34	

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEO. GRADE ELEV. ADJ. FOR DEFLECTION	LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEO. GRADE ELEV. ADJ. FOR DEFLECTION	LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEO. GRADE ELEV. ADJ. FOR DEFLECTION	LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEO. GRADE ELEV. ADJ. FOR DEFLECTION
GIRDER 10					GIRDER 11					GIRDER 12					GIRDER 13				
E BRG PIER C9	36695.098	1.499	33.147	33.147	E BRG PIER C9	36695.098	7.499	33.100	33.100	E BRG PIER C9	36695.098	13.499	32.992	32.992	E BRG PIER C9	36695.098	19.499	32.888	32.888
A	36705.098	1.499	33.112	33.144	A	36705.098	7.499	33.083	33.097	A	36705.098	13.499	32.957	32.989	A	36705.098	19.499	32.855	32.885
B	36715.098	1.499	33.077	33.140	B	36715.098	7.499	33.030	33.093	B	36715.098	13.499	32.922	32.985	B	36715.098	19.499	32.798	32.860
C	36725.098	1.499	33.042	33.113	C	36725.098	7.499	32.993	33.066	C	36725.098	13.499	32.887	32.950	C	36725.098	19.499	32.769	32.834
D	36735.098	1.499	33.007	33.083	D	36735.098	7.499	32.958	33.036	D	36735.098	13.499	32.852	32.929	D	36735.098	19.499	32.653	32.728
E	36745.098	1.499	32.972	33.032	E	36745.098	7.499	32.923	33.005	E	36745.098	13.499	32.817	32.878	E	36745.098	19.499	32.532	32.604
F	36755.098	1.499	32.936	32.979	F	36755.098	7.499	32.889	32.932	F	36755.098	13.499	32.782	32.825	F	36755.098	19.499	32.417	32.492
G	36765.098	1.499	32.901	32.920	G	36765.098	7.499	32.854	32.873	G	36765.098	13.499	32.747	32.765	G	36765.098	19.499	32.292	32.361
PIER C10	36772.815	1.499	32.873	32.873	PIER C10	36772.815	7.499	32.827	32.827	PIER C10	36772.815	13.499	32.719	32.719	PIER C10	36772.815	19.499	32.594	32.594
H	36782.815	1.499	32.837	32.835	H	36782.815	7.499	32.791	32.788	H	36782.815	13.499	32.683	32.680	H	36782.815	19.499	32.558	32.556
J	36792.815	1.499	32.801	32.796	J	36792.815	7.499	32.754	32.749	J	36792.815	13.499	32.647	32.641	J	36792.815	19.499	32.522	32.517
K	36802.815	1.499	32.766	32.756	K	36802.815	7.499	32.718	32.710	K	36802.815	13.499	32.610	32.602	K	36802.815	19.499	32.495	32.477
L	36812.815	1.499	32.727	32.717	L	36812.815	7.499	32.681	32.670	L	36812.815	13.499	32.573	32.563	L	36812.815	19.499	32.448	32.438
M	36822.815	1.499	32.690	32.677	M	36822.815	7.499	32.643	32.630	M	36822.815	13.499	32.456	32.446	M	36822.815	19.499	32.411	32.398
N	36832.815	1.499	32.655	32.638	N	36832.815	7.499	32.606	32.591	N	36832.815	13.499	32.348	32.336	N	36832.815	19.499	32.374	32.359
O	36842.815	1.499	32.618	32.605	O	36842.815	7.499	32.568	32.561	O	36842.815	13.499	32.241	32.234	O	36842.815	19.499	32.356	32.329
PIER C11	36851.355	1.499	32.582	32.582	PIER C11	36851.355	7.499	32.555	32.555	PIER C11	36851.355	13.499	32.428	32.428	PIER C11	36851.355	19.499	32.303	32.303
P	36861.355	1.499	32.544	32.569	P	36861.355	7.499	32.497	32.523	P	36861.355	13.499	32.389	32.415	P	36861.355	19.499	32.265	32.290
Q	36871.355	1.499	32.508	32.556	Q	36871.355	7.499	32.458	32.510	Q	36871.355	13.499	32.281	32.302	Q	36871.355	19.499	32.226	32.277
R	36881.355	1.499	32.472	32.538	R	36881.355	7.499	32.419	32.491	R	36881.355	13.499	32.193	32.238	R	36881.355	19.499	32.187	32.250
S	36891.355	1.499	32.436	32.517	S	36891.355	7.499	32.379	32.470	S	36891.355	13.499	32.105	32.162	S	36891.355	19.499	32.147	32.228
T	36901.355	1.499	32.397	32.480	T	36901.355	7.499	32.340	32.434	T	36901.355	13.499	32.017	32.126	T	36901.355	19.499	32.108	32.201
U	36911.355	1.499	32.361	32.451	U	36911.355	7.499	32.300	32.384	U	36911.355	13.499	31.929	32.032	U	36911.355	19.499	32.087	32.182
V	36921.355	1.499	32.326	32.422	V	36921.355	7.499	32.259	32.326	V	36921.355	13.499	31.862	31.928	V	36921.355	19.499	32.027	32.094
W	36931.355	1.499	32.291	32.377	W	36931.355	7.499	32.219	32.250	W	36931.355	13.499	31.796	31.862	W	36931.355	19.499	31.986	32.018
W BRG PIER C12	36940.222	1.499	32.229	32.229	W BRG PIER C12	36940.222	7.499	32.182	32.182	W BRG PIER C12	36940.222	13.499	32.075	32.075	W BRG PIER C12	36940.222	19.499	31.950	31.950

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEO. GRADE ELEV. ADJ. FOR DEFLECTION	LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEO. GRADE ELEV. ADJ. FOR DEFLECTION	LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEO. GRADE ELEV. ADJ. FOR DEFLECTION
LONGITUDINAL BENT CONSTRUCTION JOINT					GIRDER 14					EISENHOWER EXPRESSWAY & LONGITUDINAL EXPANSION JOINT				
E BRG PIER C9	36695.098	22.500	32.805	32.805	E BRG PIER C9	36695.098	25.499	32.743	32.743	E BRG PIER C9	36695.098	26.999	32.712	32.712
A	36705.098	22.500	32.770	32.802	A	36705.098	25.499	32.673	32.736	A	36705.098	26.999	32.677	32.709
B	36715.098	22.500	32.735	32.798	B	36715.098	25.499	32.638	32.740	B	36715.098	26.999	32.642	32.704
C	36725.098	22.500	32.700	32.771	C	36725.098	25.499	32.603	32.709	C	36725.098	26.999	32.607	32.678
D	36735.098	22.500	32.665	32.741	D	36735.098	25.499	32.568	32.688	D	36735.098	26.999	32.572	32.648
E	36745.098	22.500	32.630	32.690	E	36745.098	25.499	32.533	32.675	E	36745.098	26.999	32.536	32.597
F	36755.098	22.500	32.595	32.638	F	36755.098	25.499	32.497	32.616	F	36755.098	26.999	32.501	32.544
G	36765.098	22.500	32.560	32.578	G	36765.098	25.499	32.462	32.516	G	36765.098	26.999	32.466	32.489
PIER C10	36772.815	22.500	32.532	32.532	PIER C10	36772.815	25.499	32.427	32.470	PIER C10	36772.815	26.999	32.438	32.438
H	36782.815	22.500	32.496	32.493	H	36782.815	25.499	32.392	32.431	H	36782.815	26.999	32.402	32.400
J	36792.815	22.500	32.460	32.494	J	36792.815	25.499	32.357	32.392	J	36792.815	26.999	32.366	32.361
K	36802.815	22.500	32.423	32.415	K	36802.815	25.499	32.321	32.355	K	36802.815	26.999	32.329	32.321
L	36812.815	22.500	32.386	32.375	L	36812.815	25.499	32.286	32.313	L	36812.815	26.999	32.292	32.282
M	36822.815	22.500	32.349	32.335	M	36822.815	25.499	32.250	32.273	M	36822.815	26.999	32.257	32.242
N	36832.815	22.500	32.311	32.296	N	36832.815	25.499	32.214	32.234	N	36832.815	26.999	32.218	32.203
O	36842.815	22.500	32.273	32.266	O	36842.815	25.499	32.178	32.204	O	36842.815	26.999	32.180	32.173
PIER C11	36851.355	22.500	32.241	32.241	PIER C11	36851.355	25.499	32.142	32.178	PIER C11	36851.355	26.999	32.147	32.147
P	36861.355	22.500	32.202	32.228	P	36861.355	25.499	32.106	32.156	P	36861.355	26.999	32.109	32.134
Q	36871.355	22.500	32.163	32.215	Q	36871.355	25.499	32.070	32.153	Q	36871.355	26.999	32.070	32.121
R	36881.355	22.500	32.124	32.196	R	36881.355	25.499	32.032	32.134	R	36881.355	26.999	32.031	32.103
S	36891.355	22.500	32.085	32.176	S	36891.355	25.499	31.993	32.112	S	36891.355	26.999	31.991	32.082
T	36901.355	22.500	32.046	32.139	T	36901.355	25.499	31.954	32.077	T	36901.355	26.999	31.992	32.045
U	36911.355	22.500	32.007	32.089	U	36911.355	25.499	31.915	32.027	U	36911.355	26.999	31.911	31.996
V	36921.355	22.500	31.968	32.051	V	36921.355	25.499	31.876	32.027	V	36921.355	26.999	31.871	31.938
W	36931.355	22.500	31.929	31.955	W	36931.355	25.499	31.837	31.893	W	36931.355	26.999	31.830	31.862
W BRG PIER C12	36940.222	22.500	31.888	31.888	W BRG PIER C12	36940.222	25.499	31.825	31.825	W BRG PIER C12	36940.222	26.999	31.794	31.794

NOTE: All elevations in the tables are given at the top of the concrete deck as shown in DETAIL A, On Sht. 9-100

DESIGNED BY: _____
 DRAWN BY: _____
 CHECKED BY: _____

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 CIRCLE INTERCHANGE AND
 EISENHOWER EXPRESSWAY
 REHABILITATION
 ELEVATIONS
 I-90 W.B. BENT C9 TO BENT C12
 F.A.I. RT. 84 COOK COUNTY SECTION 1875-117-R
 CHRISTIAN-ROSE AND ASSOC.
 ENGINEERS
 CHICAGO, ILLINOIS

SHEET
 5008

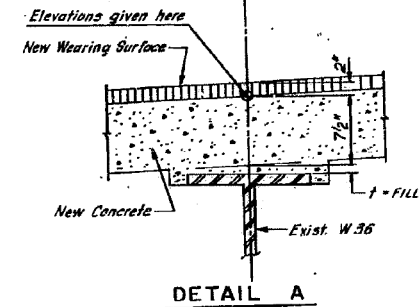
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FOR INFORMATION ONLY

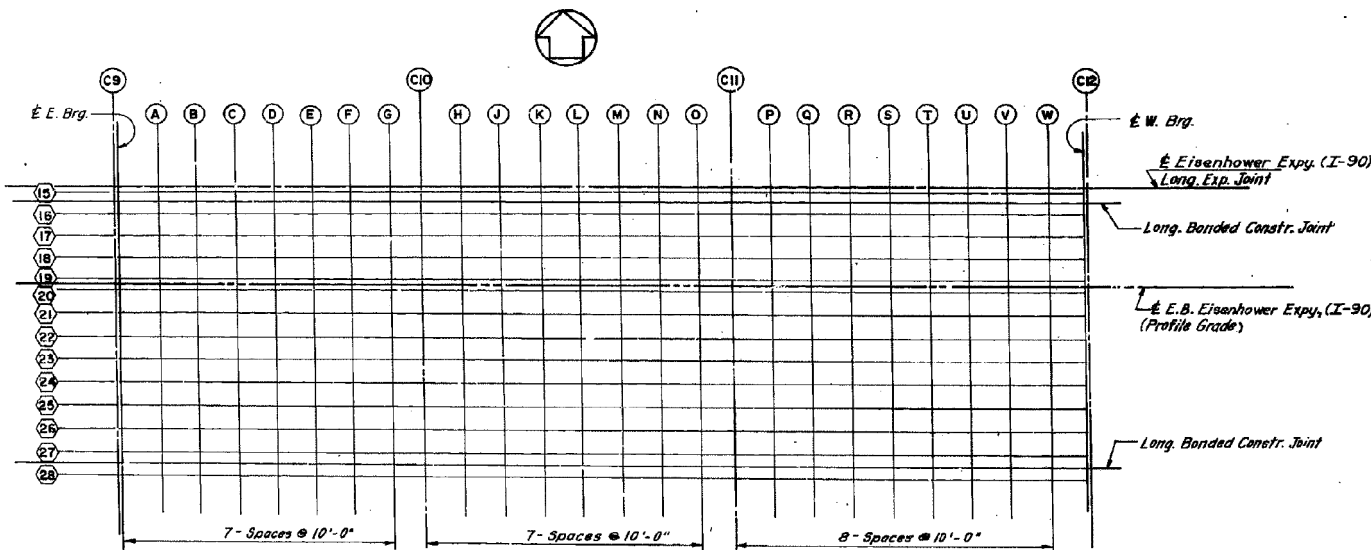
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. RT. 94	1975-117-R	COOK	290	129
FED. ROAD DIV. NO. 7	ILLINOIS	PROJECT I-IX -94-3(1)		

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEO. GRADE ELEV. ADJ. FOR DEF.	LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEO. GRADE ELEV. ADJ. FOR DEF.	LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEO. GRADE ELEV. ADJ. FOR DEF.
E BRG PIER C9	36695.098	-26.999	32.712	32.712	E BRG PIER C9	36695.098	-26.999	32.743	32.743	E BRG PIER C9	36695.098	-22.500	32.805	32.805
A	36705.098	-26.999	32.677	32.709	A	36705.098	-26.999	32.708	32.740	A	36705.098	-22.500	32.770	32.802
B	36715.098	-26.999	32.642	32.704	B	36715.098	-26.999	32.673	32.734	B	36715.098	-22.500	32.735	32.798
C	36725.098	-26.999	32.607	32.678	C	36725.098	-26.999	32.638	32.709	C	36725.098	-22.500	32.700	32.771
D	36735.098	-26.999	32.572	32.648	D	36735.098	-26.999	32.603	32.679	D	36735.098	-22.500	32.665	32.741
E	36745.098	-26.999	32.536	32.597	E	36745.098	-26.999	32.568	32.628	E	36745.098	-22.500	32.630	32.690
F	36755.098	-26.999	32.501	32.564	F	36755.098	-26.999	32.533	32.575	F	36755.098	-22.500	32.595	32.658
G	36765.098	-26.999	32.466	32.489	G	36765.098	-26.999	32.497	32.516	G	36765.098	-22.500	32.560	32.578
PIER C10	36772.815	-26.999	32.438	32.438	PIER C10	36772.815	-26.999	32.470	32.470	PIER C10	36772.815	-22.500	32.532	32.532
H	36782.815	-26.999	32.402	32.400	H	36782.815	-26.999	32.434	32.431	H	36782.815	-22.500	32.496	32.493
J	36792.815	-26.999	32.366	32.361	J	36792.815	-26.999	32.397	32.392	J	36792.815	-22.500	32.460	32.454
K	36802.815	-26.999	32.329	32.321	K	36802.815	-26.999	32.361	32.353	K	36802.815	-22.500	32.423	32.415
L	36812.815	-26.999	32.292	32.282	L	36812.815	-26.999	32.324	32.313	L	36812.815	-22.500	32.386	32.375
M	36822.815	-26.999	32.255	32.242	M	36822.815	-26.999	32.288	32.273	M	36822.815	-22.500	32.349	32.335
N	36832.815	-26.999	32.218	32.203	N	36832.815	-26.999	32.249	32.224	N	36832.815	-22.500	32.311	32.296
O	36842.815	-26.999	32.180	32.173	O	36842.815	-26.999	32.211	32.204	O	36842.815	-22.500	32.273	32.256
PIER C11	36851.355	-26.999	32.147	32.147	PIER C11	36851.355	-26.999	32.178	32.178	PIER C11	36851.355	-22.500	32.241	32.241
P	36861.355	-26.999	32.109	32.134	P	36861.355	-26.999	32.140	32.166	P	36861.355	-22.500	32.202	32.228
Q	36871.355	-26.999	32.070	32.121	Q	36871.355	-26.999	32.101	32.153	Q	36871.355	-22.500	32.163	32.215
R	36881.355	-26.999	32.031	32.102	R	36881.355	-26.999	32.062	32.134	R	36881.355	-22.500	32.124	32.196
S	36891.355	-26.999	31.991	32.082	S	36891.355	-26.999	32.022	32.113	S	36891.355	-22.500	32.085	32.176
T	36901.355	-26.999	31.952	32.045	T	36901.355	-26.999	32.077	32.077	T	36901.355	-22.500	32.045	32.139
U	36911.355	-26.999	31.911	31.996	U	36911.355	-26.999	31.963	32.027	U	36911.355	-22.500	32.005	32.089
V	36921.355	-26.999	31.871	31.958	V	36921.355	-26.999	31.922	31.959	V	36921.355	-22.500	31.965	32.031
W	36931.355	-26.999	31.830	31.862	W	36931.355	-26.999	31.882	31.893	W	36931.355	-22.500	31.924	31.955
W BRG PIER C12	36940.222	-26.999	31.794	31.794	W BRG PIER C12	36940.222	-26.999	31.825	31.825	W BRG PIER C12	36940.222	-22.500	31.888	31.888

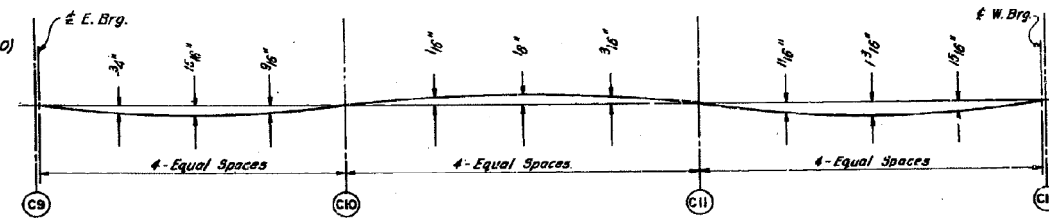
NOTE: All elevations in the tables are given at the top of the concrete deck as shown in DETAIL A.



FILLET HEIGHTS
To determine "t" as shown in DETAIL A: After all existing concrete superstructure has been demolished and removed from each span, elevations of the top flanges of the beams shall be taken at intervals shown in Plan. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" shown in tables minus slab thickness, equals the fillet heights "t" above the top flange of beams.



PLAN



DEAD LOAD DEFLECTION DIAGRAM
(Includes weight of concrete only)

NOTE: The above deflections are not to be used in the field if the engineer is working from the grade elevations adjusted for dead load deflections as shown above.

DESIGNED BY _____
DRAWN BY _____
CHECKED BY _____

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
CIRCLE INTERCHANGE AND
EISENHOWER EXPRESSWAY
REHABILITATION
ELEVATIONS
I-90 E.B. BENT C9 TO BENT C12
F.A.I. RT. 94 COOK COUNTY SECTION 1975-117-R
CHRISTIAN, ROSE AND ASSOC.
ENGINEERS
CHICAGO, ILLINOIS

0160461-60X78-5316-EXT.dgn

**PARSONS
BRINCKERHOFF**

USER NAME = pateld	DESIGNED -	REVISED -
PLOT SCALE = N.T.S.	CHECKED -	REVISED -
PLOT DATE = 3/23/2016	DRAWN - DCP	REVISED -
	CHECKED - JIG	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS
STRUCTURE NO. 016-0461
SHEET NO. 171 OF 194 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-004 R&B (WB)	COOK	706	593
CONTRACT NO. 60X78				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. RT. 94	1975-117-R	COOK	290	130
FED. ROAD DIV. NO. 7		ILLINOIS	PROJECT I-1X-94-31	

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEO. GRADE ELEV. ADJ. FOR Q DEFL.	LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEO. GRADE ELEV. ADJ. FOR Q DEFL.	LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEO. GRADE ELEV. ADJ. FOR Q DEFL.	LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEO. GRADE ELEV. ADJ. FOR Q DEFL.							
GIRDER 16	E BRG PIER C9	-19.499	36695.098	32.868	E BRG PIER C9	36695.098	-13.499	32.992	32.992	E BRG PIER C9	36695.098	-7.499	33.100	33.100	E BRG PIER C9	36695.098	-1.499	33.147	33.147							
			A	36705.098				32.855	A				36705.098	32.957				32.959	A	36705.098	33.065	33.097	A	36705.098	33.112	33.144
			B	36715.098				32.860	B				36715.098	32.922				32.955	B	36715.098	33.030	33.093	B	36715.098	33.077	33.140
			C	36725.098				32.763	C				36725.098	32.887				32.958	C	36725.098	32.955	33.066	C	36725.098	33.042	33.113
			D	36735.098				32.728	D				36735.098	32.852				32.929	D	36735.098	32.960	33.036	D	36735.098	33.007	33.083
			E	36745.098				32.652	E				36745.098	32.817				32.878	E	36745.098	32.925	32.985	E	36745.098	33.022	33.092
			F	36755.098				32.577	F				36755.098	32.782				32.825	F	36755.098	32.890	32.932	F	36755.098	33.049	33.120
	PIER C10	-19.499	36772.815	32.594	PIER C10	36772.815	-13.499	32.719	32.719	PIER C10	36772.815	-7.499	32.827	32.827	PIER C10	36772.815	-1.499	32.873	32.873							
			H	36782.815				32.558	H				36782.815	32.683				32.680	H	36782.815	32.791	32.788	H	36782.815	32.837	32.835
			J	36792.815				32.522	J				36792.815	32.647				32.641	J	36792.815	32.754	32.749	J	36792.815	32.801	32.796
			K	36802.815				32.485	K				36802.815	32.610				32.602	K	36802.815	32.861	32.870	K	36802.815	32.848	32.756
			L	36812.815				32.448	L				36812.815	32.573				32.563	L	36812.815	32.918	32.910	L	36812.815	32.877	32.717
			M	36822.815				32.411	M				36822.815	32.536				32.524	M	36822.815	32.968	32.951	M	36822.815	32.893	32.677
			N	36832.815				32.374	N				36832.815	32.498				32.486	N	36832.815	33.018	32.991	N	36832.815	32.918	32.608
PIER C11	-19.499	36851.355	32.303	PIER C11	36851.355	-13.499	32.428	32.428	PIER C11	36851.355	-7.499	32.535	32.535	PIER C11	36851.355	-1.499	32.582	32.582								
		P	36861.355				32.265	P				36861.355	32.389				32.415	P	36861.355	32.497	32.523	P	36861.355	32.544	32.569	
		R	36871.355				32.228	R				36871.355	32.351				32.402	R	36871.355	32.548	32.510	R	36871.355	32.595	32.556	
		S	36881.355				32.191	S				36881.355	32.312				32.383	S	36881.355	32.601	32.491	S	36881.355	32.648	32.588	
		T	36891.355				32.154	T				36891.355	32.272				32.353	T	36891.355	32.651	32.470	T	36891.355	32.698	32.517	
		U	36901.355				32.117	U				36901.355	32.232				32.326	U	36901.355	32.701	32.424	U	36901.355	32.748	32.480	
		V	36911.355				32.080	V				36911.355	32.192				32.277	V	36911.355	32.751	32.384	V	36911.355	32.798	32.440	
PIER C12	-19.499	36940.222	31.950	PIER C12	36940.222	-13.499	32.075	32.075	PIER C12	36940.222	-7.499	32.182	32.182	PIER C12	36940.222	-1.499	32.229	32.229								
		W	36950.222				32.013	W				36950.222	32.034				32.054	W	36950.222	32.231	32.250	W	36950.222	32.288	32.227	

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEO. GRADE ELEV. ADJ. FOR Q DEFL.	LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEO. GRADE ELEV. ADJ. FOR Q DEFL.	LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEO. GRADE ELEV. ADJ. FOR Q DEFL.	LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEO. GRADE ELEV. ADJ. FOR Q DEFL.											
E BRG PIER C9	36695.098	0.000	33.149	33.149	E BRG PIER C9	36695.098	1.500	33.147	33.147	E BRG PIER C9	36695.098	7.906	33.094	33.094	E BRG PIER C9	36695.098	14.312	32.975	32.975											
			A	36705.098				33.114	A				36705.098	33.112				33.144	A	36705.098	7.906	33.099	33.091	A	36705.098	14.312	32.940	32.973		
			B	36715.098				33.079	B				36715.098	1.500				33.077	33.140	B	36715.098	7.906	33.024	33.087	B	36715.098	14.312	32.905	32.968	
			C	36725.098				33.044	C				36725.098	1.500				33.042	33.113	C	36725.098	7.906	32.989	33.060	C	36725.098	14.312	32.870	32.941	
			D	36735.098				33.009	D				36735.098	1.500				33.007	33.083	D	36735.098	7.906	32.944	33.031	D	36735.098	14.312	32.835	32.912	
			E	36745.098				32.973	E				36745.098	1.500				32.972	33.032	E	36745.098	7.906	32.919	32.979	E	36745.098	14.312	32.800	32.861	
			F	36755.098				32.938	F				36755.098	1.500				32.936	32.979	F	36755.098	7.906	32.884	32.927	F	36755.098	14.312	32.765	32.808	
	PIER C10	36772.815	0.000	32.875	32.875	PIER C10	36772.815	1.500	32.873	32.873	PIER C10	36772.815	7.906	32.821	32.821	PIER C10	36772.815	14.312	32.702	32.702										
				H	36782.815				32.839	H				36782.815	1.500				32.837	32.855	H	36782.815	7.906	32.785	32.782	H	36782.815	14.312	32.666	32.664
				J	36792.815				32.803	J				36792.815	1.500				32.801	32.796	J	36792.815	7.906	32.749	32.743	J	36792.815	14.312	32.630	32.625
				K	36802.815				32.766	K				36802.815	1.500				32.764	32.756	K	36802.815	7.906	32.712	32.704	K	36802.815	14.312	32.593	32.585
				L	36812.815				32.729	L				36812.815	1.500				32.727	32.717	L	36812.815	7.906	32.675	32.665	L	36812.815	14.312	32.556	32.546
				M	36822.815				32.692	M				36822.815	1.500				32.690	32.677	M	36822.815	7.906	32.630	32.625	M	36822.815	14.312	32.519	32.506
				N	36832.815				32.655	N				36832.815	1.500				32.653	32.638	N	36832.815	7.906	32.586	32.586	N	36832.815	14.312	32.481	32.467
PIER C11	36851.355	0.000	32.584	32.584	PIER C11	36851.355	1.500	32.582	32.582	PIER C11	36851.355	7.906	32.530	32.530	PIER C11	36851.355	14.312	32.411	32.411											
			P	36861.355				32.546	P				36861.355	1.500				32.544	32.569	P	36861.355	7.906	32.491	32.517	P	36861.355	14.312	32.373	32.398	
			R	36871.355				32.509	R				36871.355	1.500				32.505	32.556	R	36871.355	7.906	32.453	32.504	R	36871.355	14.312	32.336	32.389	
			S	36881.355				32.472	S				36881.355	1.500				32.466	32.538	S	36881.355	7.906	32.411	32.465	S	36881.355	14.312	32.299	32.357	
			T	36891.355				32.435	T				36891.355	1.500				32.426	32.480	T	36891.355	7.906	32.374	32.428	T	36891.355	14.312	32.255	32.346	
			U	36901.355				32.398	U				36901.355	1.500				32.397	32.431	U	36901.355	7.906	32.334	32.379	U	36901.355	14.312	32.215	32.309	
			V	36911.355				32.361	V				36911.355	1.500				32.356	32.378	V	36911.355	7.906	32.294	32.320	V	36911.355	14.312	32.175	32.260	
PIER C12	36940.222	0.000	32.231	32.231	PIER C12	36940.222	1.500	32.229	32.229	PIER C12	36940.222	7.906	32.177	32.177	PIER C12	36940.222	14.312	32.058	32.058											
			W	36950.222				32.213	W				36950.222	1.500				32.206	32.217	W	36950.222	7.906	32.213	32.244	W	36950.222	14.312	32.094	32.126	

NOTE: All elevations in the tables are given at the top of the concrete deck as shown in DETAIL A, On Sht. 9-103

DESIGNED BY: _____
 DRAWN BY: _____
 CHECKED BY: _____

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 CIRCLE INTERCHANGE AND
 EISENHOWER EXPRESSWAY
 REHABILITATION
 ELEVATIONS
 I-90 E.B. BENT C9 TO BENT C12
 F.A.I. RT. 94 COOK COUNTY SECTION 1975-117-R
 CHRISTIAN BRINCKERHOFF AND ASSOC.
 ENGINEERS
 CHICAGO, ILLINOIS

0160461-60X78-5317-EXT.dgn

PARSONS BRINCKERHOFF	USER NAME = pateld	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING PLANS STRUCTURE NO. 016-0461	SHEET NO. 172 OF 194 SHEETS	F.A.I. RT. 94	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = N.T.S.	DRAWN - DCP	REVISED -				90/94/290	2014-004 R&B (WB)	COOK	706	594
	PLOT DATE = 3/23/2016	CHECKED - JIG	REVISED -				CONTRACT NO. 60X78				

ILLINOIS FED. AID PROJECT

FOR INFORMATION ONLY

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. RT. 94	1975-117-R	COOK	290	131
FED. ROAD DIV. NO. 7	ILLINOIS	PROJECT I-IX-94-21		

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEO. GRADE ELEV. ADJ. FOR DEFLECTION	LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEO. GRADE ELEV. ADJ. FOR DEFLECTION	LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEO. GRADE ELEV. ADJ. FOR DEFLECTION	LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEO. GRADE ELEV. ADJ. FOR DEFLECTION
GIRDER 23					GIRDER 24					GIRDER 25					GIRDER 26				
E BRG PIER C9	36695.098	20.718	32.862	32.862	E BRG PIER C9	36695.098	27.125	32.709	32.709	E BRG PIER C9	36695.098	33.531	32.576	32.576	E BRG PIER C9	36695.098	39.937	32.442	32.442
A	36705.098	20.718	32.807	32.839	A	36705.098	27.125	32.674	32.706	A	36705.098	33.531	32.541	32.573	A	36705.098	39.937	32.407	32.440
B	36715.098	20.718	32.772	32.835	B	36715.098	27.125	32.639	32.702	B	36715.098	33.531	32.506	32.559	B	36715.098	39.937	32.372	32.435
C	36725.098	20.718	32.737	32.808	C	36725.098	27.125	32.604	32.667	C	36725.098	33.531	32.471	32.542	C	36725.098	39.937	32.337	32.408
D	36735.098	20.718	32.702	32.778	D	36735.098	27.125	32.569	32.645	D	36735.098	33.531	32.436	32.512	D	36735.098	39.937	32.302	32.379
E	36745.098	20.718	32.667	32.747	E	36745.098	27.125	32.534	32.614	E	36745.098	33.531	32.401	32.481	E	36745.098	39.937	32.267	32.328
F	36755.098	20.718	32.632	32.715	F	36755.098	27.125	32.500	32.582	F	36755.098	33.531	32.366	32.448	F	36755.098	39.937	32.232	32.275
G	36765.098	20.718	32.597	32.681	G	36765.098	27.125	32.465	32.550	G	36765.098	33.531	32.330	32.416	G	36765.098	39.937	32.197	32.215
E PIER C10					E PIER C10					E PIER C10					E PIER C10				
H	36772.815	20.718	32.569	32.656	H	36772.815	27.125	32.436	32.536	H	36772.815	33.531	32.302	32.409	H	36772.815	39.937	32.169	32.169
J	36782.815	20.718	32.533	32.630	J	36782.815	27.125	32.400	32.507	J	36782.815	33.531	32.266	32.384	J	36782.815	39.937	32.135	32.131
K	36792.815	20.718	32.497	32.601	K	36792.815	27.125	32.363	32.481	K	36792.815	33.531	32.230	32.358	K	36792.815	39.937	32.097	32.092
L	36802.815	20.718	32.460	32.572	L	36802.815	27.125	32.327	32.455	L	36802.815	33.531	32.194	32.332	L	36802.815	39.937	32.060	32.052
M	36812.815	20.718	32.423	32.542	M	36812.815	27.125	32.290	32.418	M	36812.815	33.531	32.157	32.305	M	36812.815	39.937	32.025	32.019
N	36822.815	20.718	32.386	32.513	N	36822.815	27.125	32.253	32.389	N	36822.815	33.531	32.120	32.267	N	36822.815	39.937	31.988	31.973
O	36832.815	20.718	32.349	32.484	O	36832.815	27.125	32.217	32.364	O	36832.815	33.531	32.084	32.231	O	36832.815	39.937	31.948	31.934
E PIER C11					E PIER C11					E PIER C11					E PIER C11				
P	36842.815	20.718	32.310	32.455	P	36842.815	27.125	32.180	32.327	P	36842.815	33.531	32.047	32.204	P	36842.815	39.937	31.911	31.904
Q	36851.355	20.718	32.278	32.428	Q	36851.355	27.125	32.144	32.291	Q	36851.355	33.531	32.011	32.168	Q	36851.355	39.937	31.878	31.878
R	36861.355	20.718	32.239	32.395	R	36861.355	27.125	32.106	32.253	R	36861.355	33.531	31.973	32.130	R	36861.355	39.937	31.840	31.865
S	36871.355	20.718	32.200	32.356	S	36871.355	27.125	32.068	32.214	S	36871.355	33.531	31.934	32.091	S	36871.355	39.937	31.801	31.852
T	36881.355	20.718	32.161	32.317	T	36881.355	27.125	32.030	32.175	T	36881.355	33.531	31.895	32.052	T	36881.355	39.937	31.762	31.834
U	36891.355	20.718	32.122	32.278	U	36891.355	27.125	31.992	32.136	U	36891.355	33.531	31.856	32.013	U	36891.355	39.937	31.722	31.813
V	36901.355	20.718	32.082	32.239	V	36901.355	27.125	31.954	32.097	V	36901.355	33.531	31.817	31.974	V	36901.355	39.937	31.682	31.776
W	36911.355	20.718	32.042	32.200	W	36911.355	27.125	31.916	32.058	W	36911.355	33.531	31.778	31.935	W	36911.355	39.937	31.642	31.727
X	36921.355	20.718	32.002	32.161	X	36921.355	27.125	31.878	32.020	X	36921.355	33.531	31.739	31.896	X	36921.355	39.937	31.602	31.668
Y	36931.355	20.718	31.961	32.122	Y	36931.355	27.125	31.840	32.001	Y	36931.355	33.531	31.700	31.857	Y	36931.355	39.937	31.561	31.593
E BRG PIER C12					E BRG PIER C12					E BRG PIER C12					E BRG PIER C12				
Z	36940.222	20.718	31.925	31.925	Z	36940.222	27.125	31.792	31.792	Z	36940.222	33.531	31.658	31.658	Z	36940.222	39.937	31.525	31.525

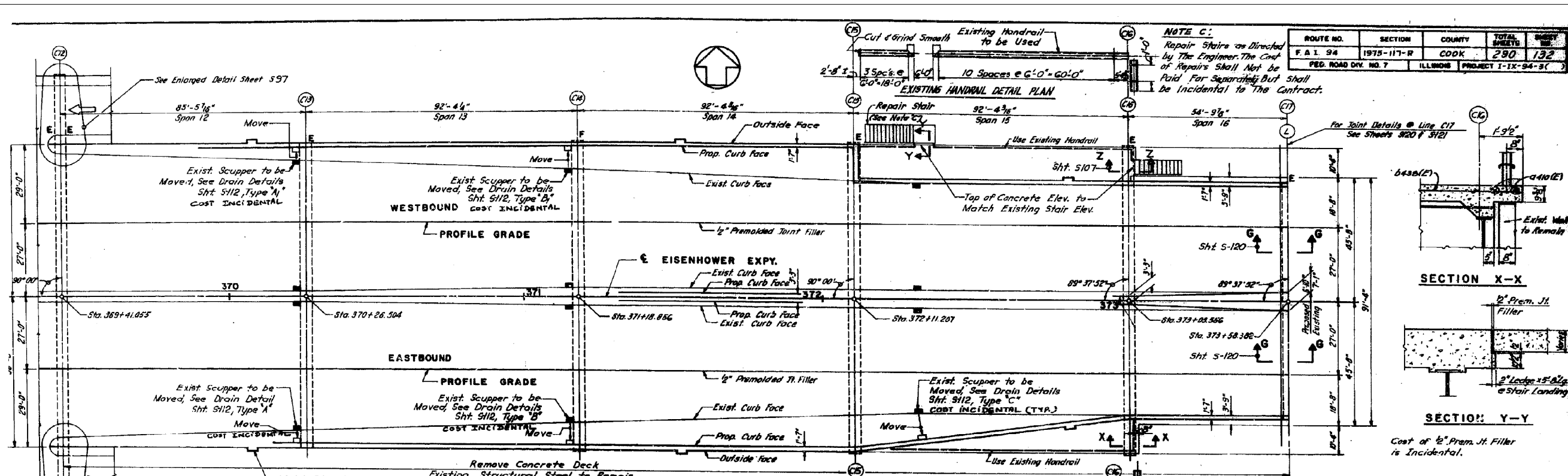
LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEO. GRADE ELEV. ADJ. FOR DEFLECTION	LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEO. GRADE ELEV. ADJ. FOR DEFLECTION	LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEO. GRADE ELEV. ADJ. FOR DEFLECTION
GIRDER 27					GIRDER 28					GIRDER 29				
E BRG PIER C9	36695.098	46.343	32.309	32.309	E BRG PIER C9	36695.098	49.500	32.244	32.244	E BRG PIER C9	36695.098	52.750	32.176	32.176
A	36705.098	46.343	32.274	32.306	A	36705.098	49.500	32.209	32.241	A	36705.098	52.750	32.141	32.173
B	36715.098	46.343	32.239	32.302	B	36715.098	49.500	32.174	32.236	B	36715.098	52.750	32.106	32.139
C	36725.098	46.343	32.204	32.278	C	36725.098	49.500	32.139	32.210	C	36725.098	52.750	32.071	32.142
D	36735.098	46.343	32.169	32.249	D	36735.098	49.500	32.104	32.180	D	36735.098	52.750	32.036	32.112
E	36745.098	46.343	32.134	32.214	E	36745.098	49.500	32.068	32.139	E	36745.098	52.750	32.001	32.077
F	36755.098	46.343	32.099	32.179	F	36755.098	49.500	32.032	32.104	F	36755.098	52.750	31.966	32.042
G	36765.098	46.343	32.064	32.144	G	36765.098	49.500	31.996	32.067	G	36765.098	52.750	31.930	32.009
E PIER C10					E PIER C10					E PIER C10				
H	36772.815	46.343	32.036	32.036	H	36772.815	49.500	31.970	31.970	H	36772.815	52.750	31.903	31.903
J	36782.815	46.343	32.000	31.997	J	36782.815	49.500	31.934	31.932	J	36782.815	52.750	31.867	31.864
K	36792.815	46.343	31.964	31.958	K	36792.815	49.500	31.898	31.893	K	36792.815	52.750	31.830	31.825
L	36802.815	46.343	31.927	31.919	L	36802.815	49.500	31.861	31.853	L	36802.815	52.750	31.794	31.786
M	36812.815	46.343	31.890	31.879	M	36812.815	49.500	31.824	31.814	M	36812.815	52.750	31.757	31.746
N	36822.815	46.343	31.853	31.840	N	36822.815	49.500	31.787	31.774	N	36822.815	52.750	31.720	31.706
O	36832.815	46.343	31.815	31.800	O	36832.815	49.500	31.750	31.735	O	36832.815	52.750	31.682	31.667
E PIER C11					E PIER C11					E PIER C11				
P	36842.815	46.343	31.777	31.771	P	36842.815	49.500	31.712	31.705	P	36842.815	52.750	31.644	31.637
Q	36851.355	46.343	31.748	31.745	Q	36851.355	49.500	31.679	31.679	Q	36851.355	52.750	31.611	31.611
R	36861.355	46.343	31.706	31.732	R	36861.355	49.500	31.641	31.666	R	36861.355	52.750	31.573	31.599
S	36871.355	46.343	31.667	31.719	S	36871.355	49.500	31.602	31.653	S	36871.355	52.750	31.534	31.586
T	36881.355	46.343	31.628	31.700	T	36881.355	49.500	31.563	31.635	T	36881.355	52.750	31.496	31.567
U	36891.355	46.343	31.589	31.680	U	36891.355	49.500	31.523	31.614	U	36891.355	52.750	31.457	31.546
V	36901.355	46.343	31.549	31.643	V	36901.355	49.500	31.484	31.577	V	36901.355	52.750	31.418	31.510
W	36911.355	46.343	31.509	31.594	W	36911.355	49.500	31.443	31.538	W	36911.355	52.750	31.379	31.460
X	36921.355	46.343	31.469	31.535	X	36921.355	49.500	31.403	31.470	X	36921.355	52.750	31.340	31.402
Y	36931.355	46.343	31.428	31.459	Y	36931.355	49.500	31.362	31.394	Y	36931.355	52.750	31.301	31.328
E BRG PIER C12					E BRG PIER C12					E BRG PIER C12				
Z	36940.222	46.343	31.392	31.392	Z	36940.222	49.500	31.326	31.326	Z	36940.222	52.750	31.259	31.259

NOTE: All elevations in the tables are given at the top of the concrete deck as shown in DETAIL A, On Sht. 9-123

DESIGNED BY _____
 DRAWN BY _____
 CHECKED BY _____

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 CIRCLE INTERCHANGE AND
 EISENHOWER EXPRESSWAY
 REHABILITATION

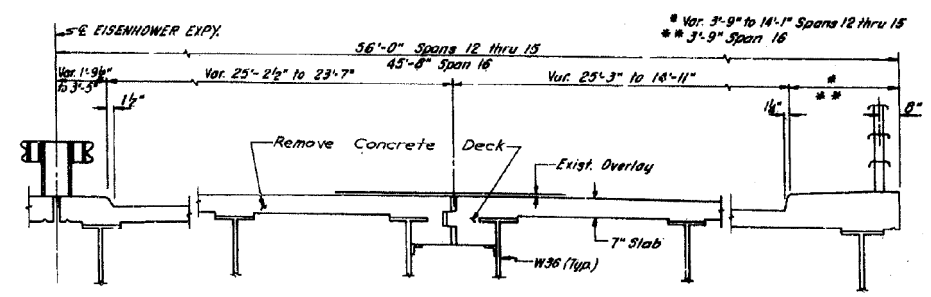
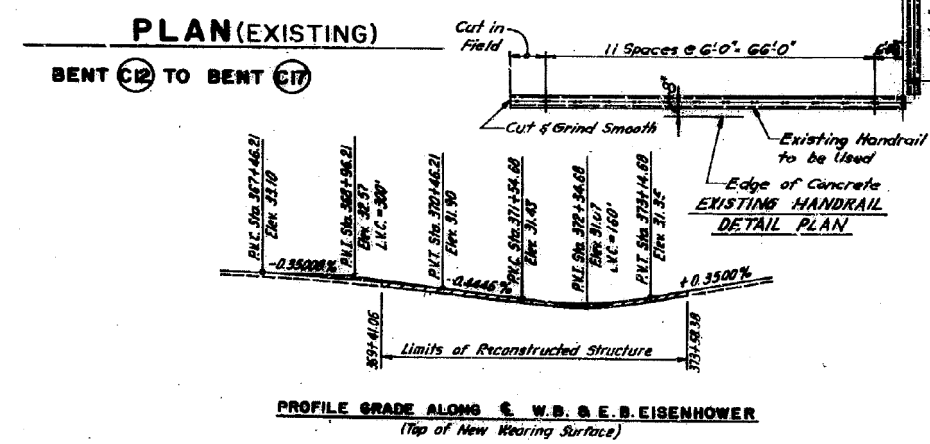
FOR INFORMATION ONLY



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 94	1975-117-R	COOK	290	132
PED. ROAD DIV. NO. 7		ILLINOIS PROJECT I-TX-94-31		

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPERST.	SUBSTR.	TOTAL
Class 3 Concrete	Cu. Yd.	1975		1975
Aluminous Conc. Surface Course	Ton	382		382
Waterproofing Membrane System	Sq. Yd.	4543		4543
Reinforcement Bars	Lb.	118,200		118,200
Reinforcement Bars (Epoxy Coated)	Lb.	24,060		24,060
Protective Coat	Sq. Yd.	712		712
Structural Steel	Lb.	4670		4670
Removal of Existing Superstructure No. 7	Ea.	1		1
Repair Concrete Structures	Sq. Ft.		94	94
Steel Pipe	Lb./Ft.	120		120
Repair Expansion Bearings	Ea.		10	10
Preformed Joint Sealer 2 1/2"	Lb./Ft.	405		405
Epoxy Marker Repair	Cu. Ft.		2	2



STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 CIRCLE INTERCHANGE AND
 EISENHOWER EXPRESSWAY
 RENOVATION
GENERAL PLAN
 BENT C12 TO C17
 F.A.I. 94 COOK COUNTY SECTION 1975-117-R
 CHICAGO, ILLINOIS
 Rev. 7-9-75

0160461-60X78-5319-EXT.dgn

PARSONS BRINCKERHOFF

USER NAME = pateld	DESIGNED -	REVISED -
PLOT SCALE = N.T.S.	CHECKED -	REVISED -
PLOT DATE = 3/23/2016	DRAWN - DCP	REVISED -
	CHECKED - JIG	REVISED -

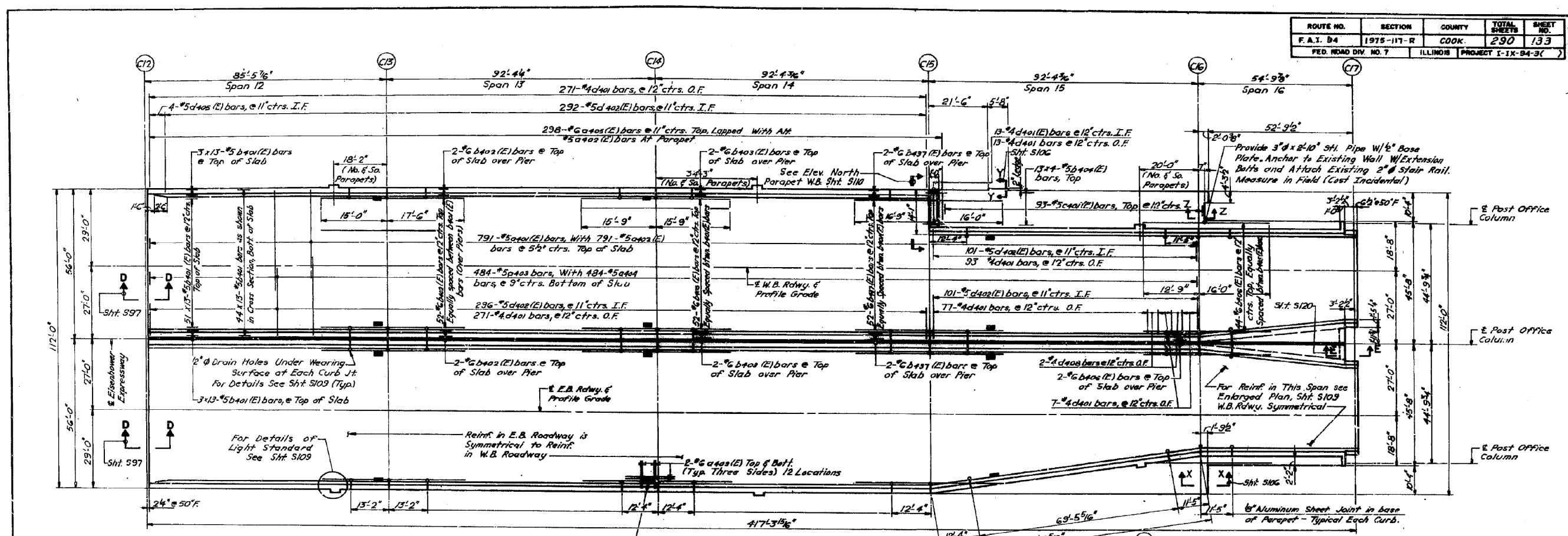
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EXISTING PLANS
 STRUCTURE NO. 016-0461
 SHEET NO. 174 OF 194 SHEETS

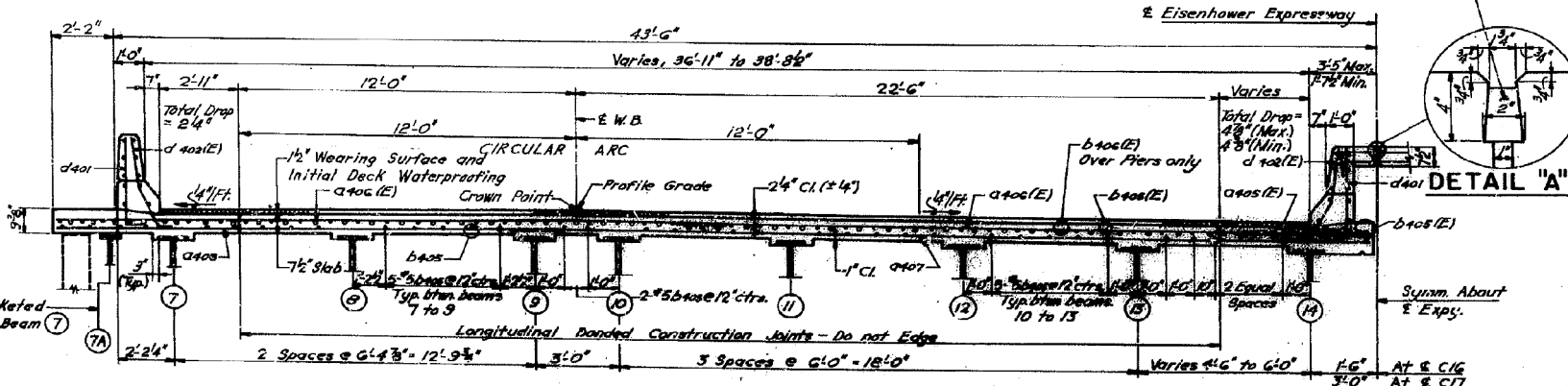
F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-004 R&B (WB)	COOK	706	596
CONTRACT NO. 60X78				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY

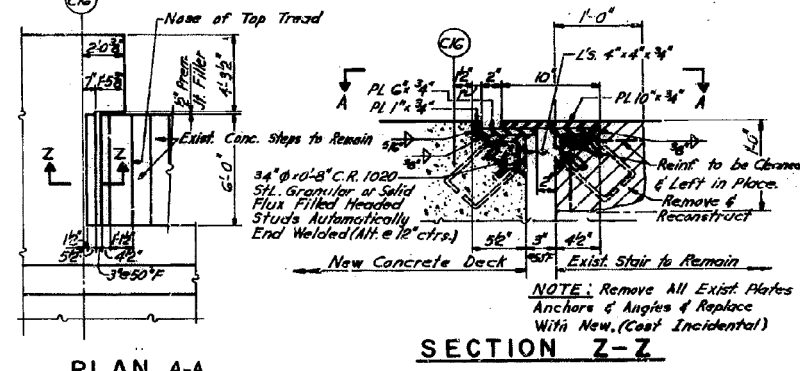
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. B4	1975-117-R	COOK	290	133
FED. ROAD DIV. NO. 7	ILLINOIS	PROJECT I-IX-94-3C		



PLAN-NEW DECK
BENT C2 TO BENT C7



CROSS SECTION SPAN 13
W.B. RDWY. LOOKING EAST - E.B. RDWY. SYMMETRICAL ABOUT E. EXPY.



PLAN A-A

SECTION Z-Z

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
CIRCLE INTERCHANGE AND
EISENHOWER EXPRESSWAY
REHABILITATION
PLAN AND CROSS SECTION
BENT C2 TO C7
F.A.I. RT. 94 COOK COUNTY SECTION 1975-117-R
CHRISTIAN-ROSE AND ASSOC.
ENGINEERS
CHICAGO, ILLINOIS
SHEET
107P
Rev. 7-9-79

**PARSONS
BRINCKERHOFF**

USER NAME = pateld	DESIGNED -	REVISED -
DESIGNED BY	CHECKED -	REVISED -
DRAWN BY	DRAWN - DCP	REVISED -
CHECKED BY	CHECKED - JIG	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

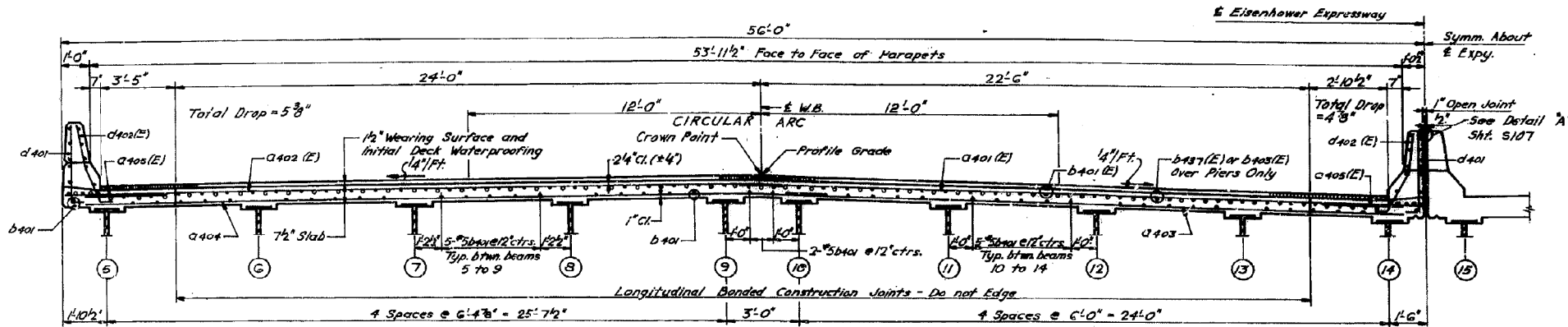
EXISTING PLANS
STRUCTURE NO. 016-0461
SHEET NO. 175 OF 194 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-004 R&B (WB)	COOK	706	597
				CONTRACT NO. 60X78
ILLINOIS FED. AID PROJECT				

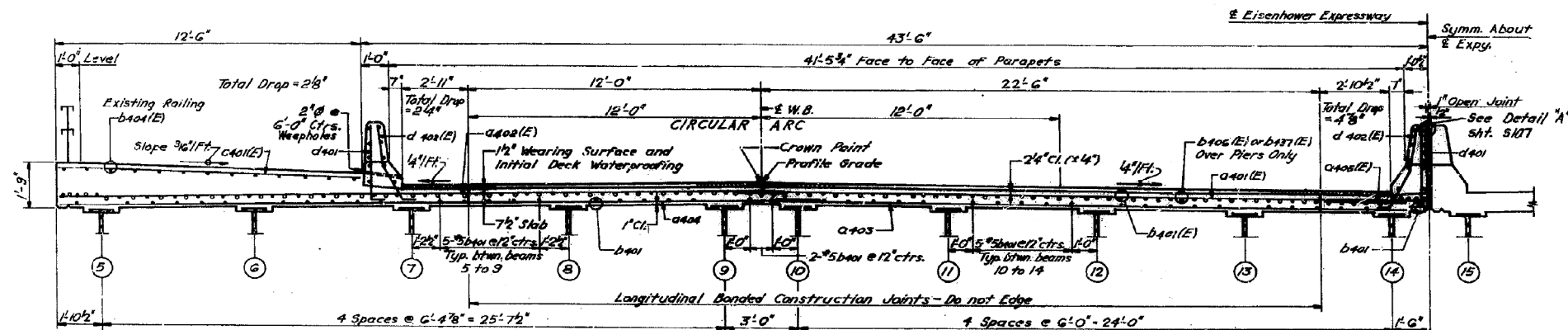
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FOR INFORMATION ONLY

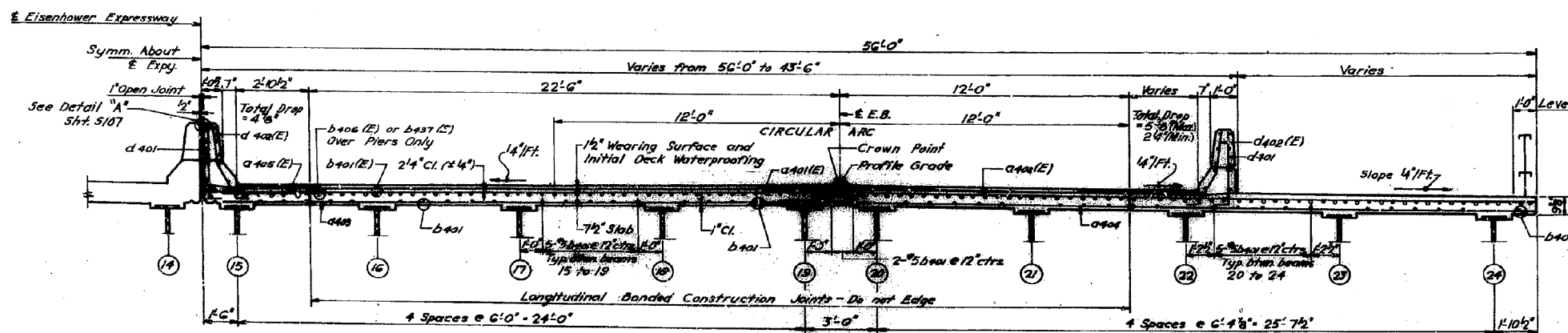
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F. A. I. 94	1975-117-R	COOK	290	134
FED. ROAD DIV. NO. 7	ILLINOIS	PROJECT I-IX-94-51		



CROSS SECTION SPAN 12 THRU 14
W.B. RDWY. LOOKING EAST - E.B. RDWY. SYMMETRICAL ABOUT E EXPY.



CROSS SECTION SPAN 15
W.B. RDWY. LOOKING EAST



CROSS SECTION SPAN 15
E.B. RDWY. LOOKING EAST

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
CIRCLE INTERCHANGE AND
EISENHOWER EXPRESSWAY
REHABILITATION
CROSS SECTIONS
BENT C2 TO C17
F.A.I.R.T. 94 COOK COUNTY SECTION 1975-117-R
CHRISTIAN-ROSE AND ASSOC.
ENGINEERS
CHICAGO, ILLINOIS
Rev. 7-5-75

DESIGNED BY _____
DRAWN BY _____
CHECKED BY _____

**PARSONS
BRINCKERHOFF**

USER NAME = pateld
PLOT SCALE = N.T.S.
PLOT DATE = 3/23/2016

DESIGNED -
CHECKED -
DRAWN - DCP
CHECKED - JIG

REVISED -
REVISED -
REVISED -
REVISED -

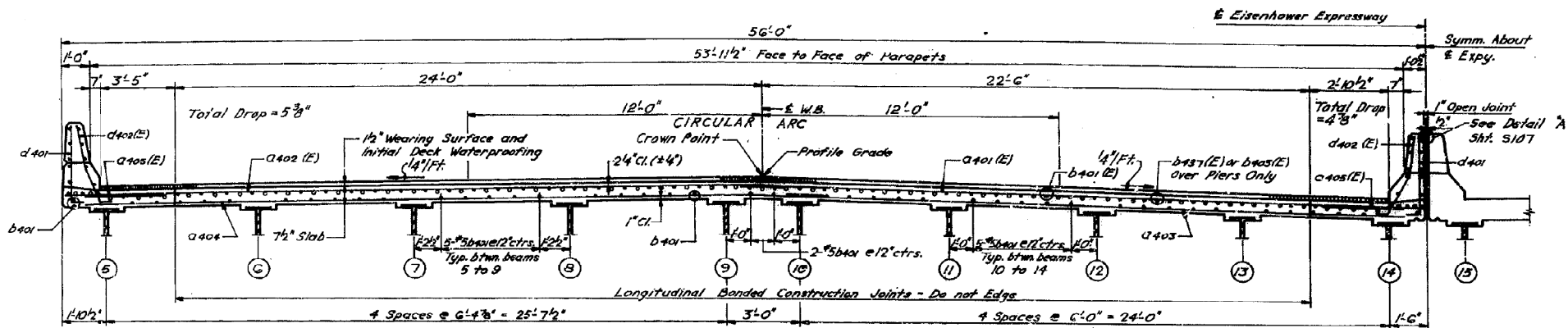
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS
STRUCTURE NO. 016-0461
SHEET NO. 176 OF 194 SHEETS

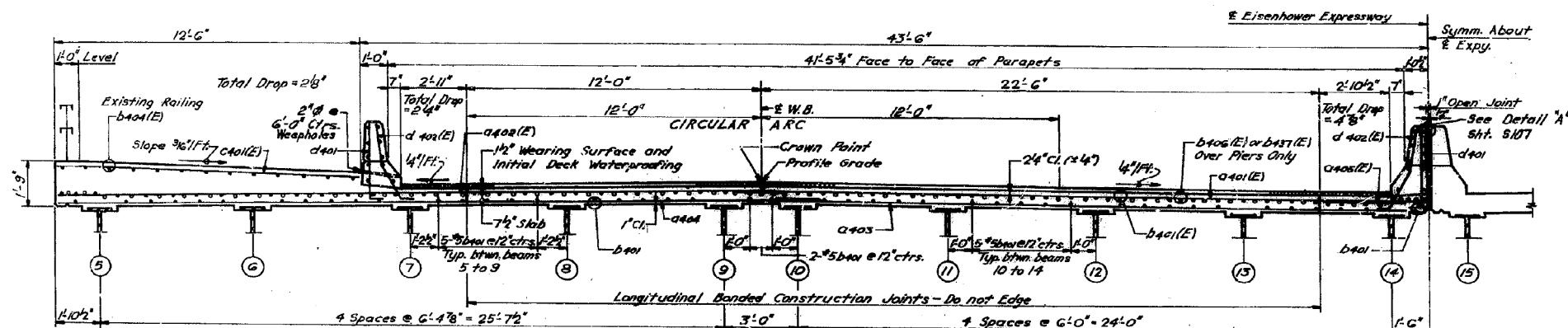
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				CONTRACT NO. 60X78
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY

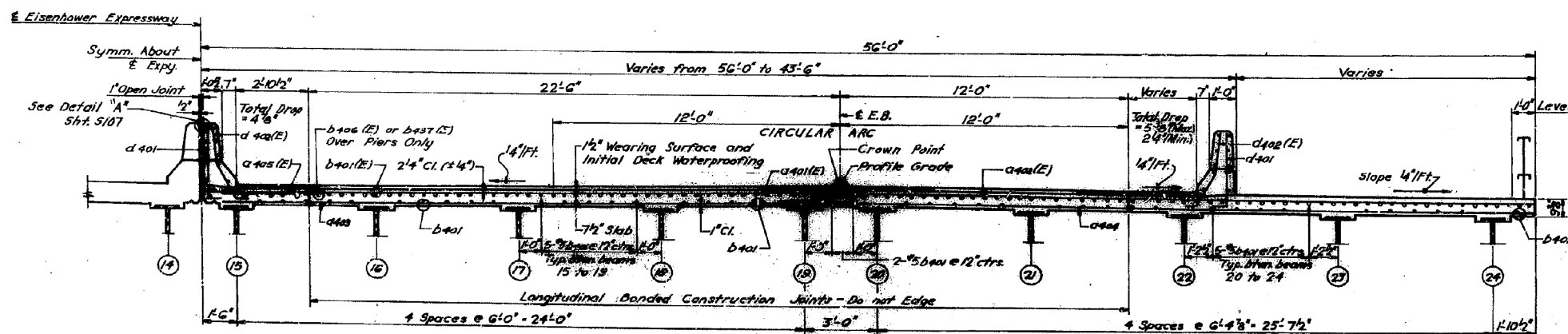
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 94	1975-117-R	COOK	290	134
FED. ROAD DIV. NO. 7		ILLINOIS	PROJECT I-19-94-37	



CROSS SECTION SPAN 12 THRU 14
W.B. RDWY. LOOKING EAST - E.B. RDWY. SYMMETRICAL ABOUT E. EXPY.



CROSS SECTION SPAN 15
W.B. RDWY. LOOKING EAST



CROSS SECTION SPAN 15
E.B. RDWY. LOOKING EAST

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
CIRCLE INTERCHANGE AND
EISENHOWER EXPRESSWAY
REHABILITATION
CROSS SECTIONS
BENT C12 TO C17
F.A.I.R.T. 94 COOK COUNTY SECTION 1975-117-R
CHRISTIAN-ROSE AND ASSOC.
ENGINEERS
CHICAGO, ILLINOIS
Rev. 7-9-73

DESIGNED BY: _____
DRAWN BY: _____
CHECKED BY: _____

0160461-60X78-5322-EXT.dgn

**PARSONS
BRINCKERHOFF**

USER NAME = pateld	DESIGNED -	REVISED -
PLOT SCALE = N.T.S.	CHECKED -	REVISED -
PLOT DATE = 3/23/2016	DRAWN - DCP	REVISED -
	CHECKED - JIG	REVISED -

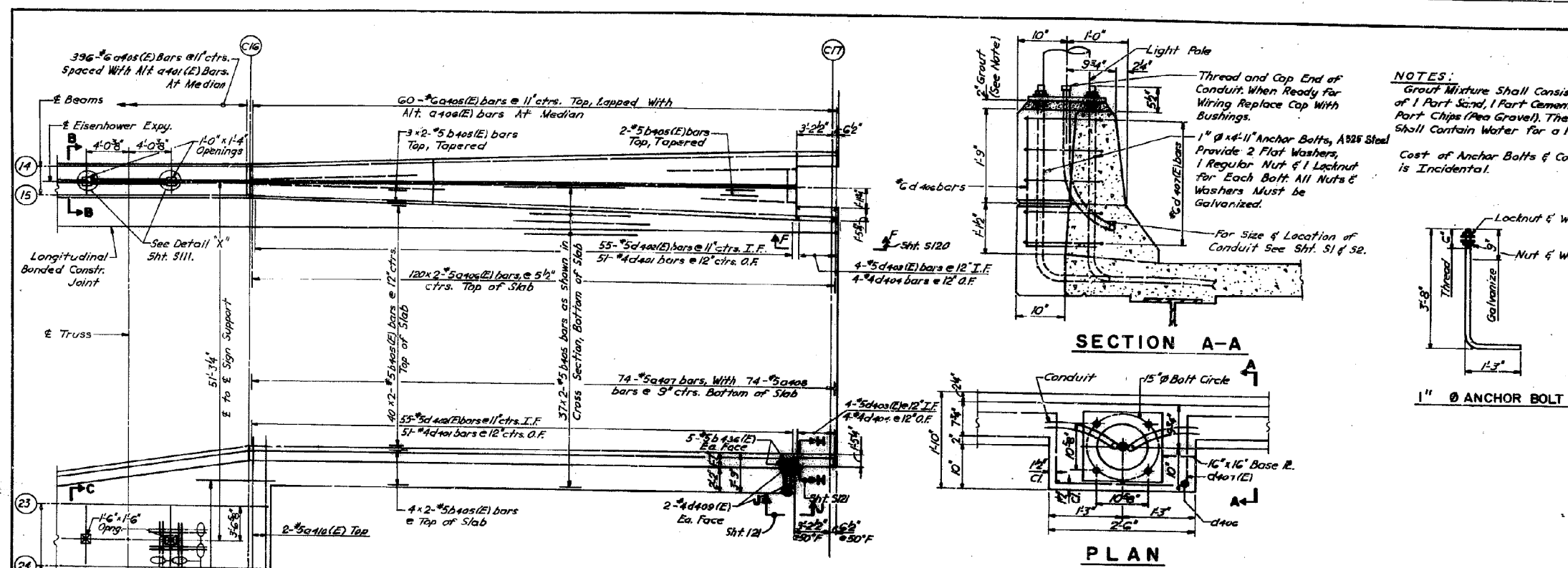
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS
STRUCTURE NO. 016-0461
SHEET NO. 177 OF 194 SHEETS

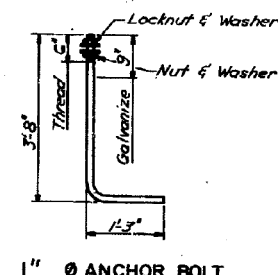
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-004 R&B (WB)	COOK	706	599
CONTRACT NO. 60X78				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 94	1975-117-R	COOK	290	135
FED. ROAD DIST. NO. 7	ILLINOIS PROJECT F-11-04-31			



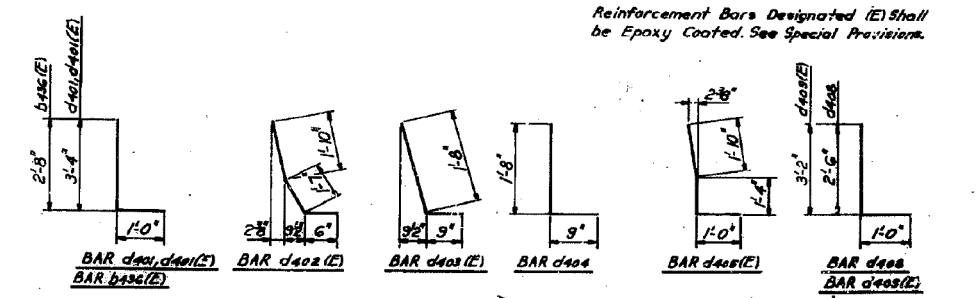
NOTES:
Graft Mixture Shall consist of 1 Part Sand, 1 Part Cement & 1 Part Chips (Pea Gravel). The Graft Shall Contain Water for a 1" Slump.
Cost of Anchor Bolts & Conduit is Incidental.



BILL OF MATERIAL

BAR	NO.	SIZE	LENGTH	SHAPE
d401(E)	1582	#5	27'-6"	
d402(E)	1582	#5	29'-6"	
d403	968	#5	25'-7"	
d404	968	#5	30'-4"	
d405(E)	1508	#6	4'-0"	
d406(E)	480	#5	23'-6"	
d407	148	#5	29'-2"	
d408	148	#5	17'-10"	
d409(E)	176	#6	5'-6"	
d410(E)	4	#5	14'-0"	
b401	144	#5	29'-7"	
b401(E)	1482	#5	29'-7"	
b402(E)	112	#6	32'-6"	
b403(E)	112	#6	31'-6"	
b404(E)	52	#5	24'-6"	
b405	148	#5	28'-10"	
b406(E)	192	#5	28'-10"	
b407(E)	92	#6	28'-9"	
b408(E)	20	#5	3'-8"	
b409(E)	118	#6	32'-5"	
b410(E)	22	#4	4'-0"	
c401(E)	93	#5	12'-2"	
d401	1669	#4	4'-4"	L
d401(E)	15	#4	4'-4"	L
d402(E)	1800	#5	3'-11"	L
d403(E)	8	#5	4'-2"	L
d403(E)	16	#5	2'-5"	L
d404	16	#4	2'-5"	L
d405(E)	8	#5	4'-2"	L
d406	8	#4	3'-6"	L
Reinforcement Bars		Lb.	108,390	
Reinf. Bars (Epoxy Coated)		Lb.	199,400	
Class II Concrete		Cu. Yd.	1,175	
Waterproofing Membrane System		Sq. Yd.	4,373	
Bitum. Conc. Surf. Course		Ton	382	
Structural Steel		Lb.	4,180	

Reinforcement Bars Designated (E) Shall be Epoxy Coated. See Special Provisions.



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
CIRCLE INTERCHANGE AND
EISENHOWER EXPRESSWAY
REHABILITATION
SECTIONS AND DETAILS
SENT CD TO C17
F.A.I. RT. 14 COOK COUNTY SECTION 1975-117-R
CHICAGO, ILLINOIS

0160461-60X78-5323-EXT.dgn

PARSONS BRINCKERHOFF

DESIGNED BY	USER NAME = pateld	DESIGNED -	REVISED -
CHECKED BY		CHECKED -	REVISED -
	PLOT SCALE = N.T.S.	DRAWN - DCP	REVISED -
	PLOT DATE = 3/23/2016	CHECKED - JIG	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS
STRUCTURE NO. 016-0461
SHEET NO. 178 OF 194 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-004 R&B (WB)	COOK	706	600
CONTRACT NO. 60X78			ILLINOIS FED. AID PROJECT	