

# FOR INFORMATION ONLY

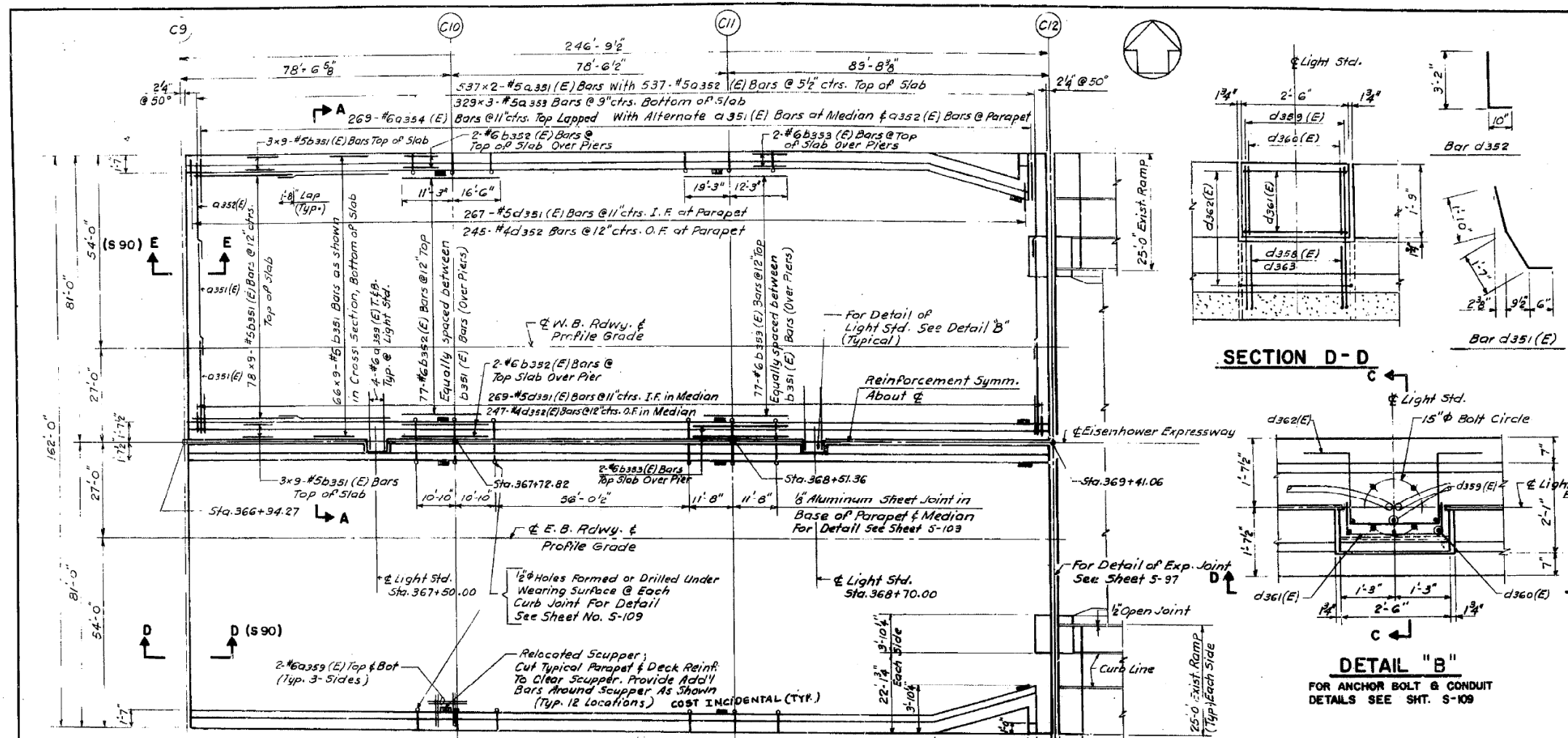
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 94	1975-117-R	COOK	290	122
FED. ROAD DIV. NO. 7			ILLINOIS PROJECT I-IX-94-3( )	

### BILL OF MATERIAL

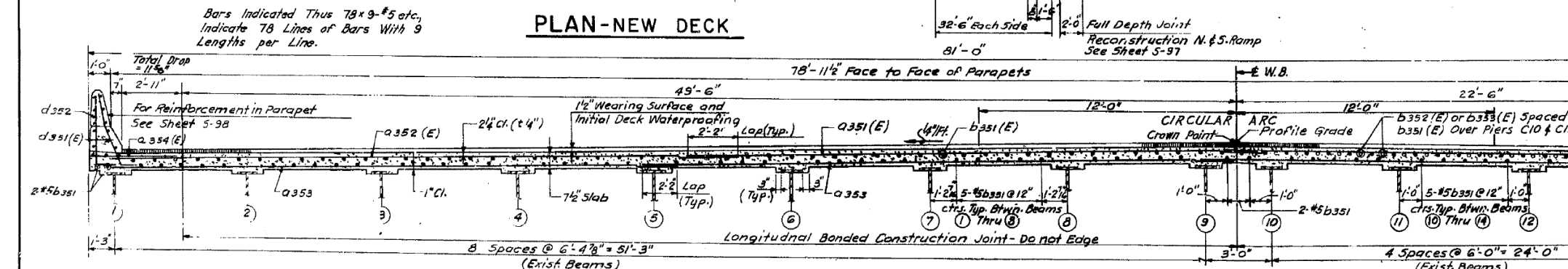
BAR NO.	(E)	SIZE	LENGTH	SHAPE
d351(E)		2148 #5	27'-0"	
d352(E)		1074 #5	31'-0"	
d353	1974	#5	28'-4"	
d354(E)		1076 #6	4'-0"	
d359(E)		160 #6	6'-0"	
b351(E)		1512 #3	28'-10"	
b351	1188	#5	28'-10"	
b352(E)		162 #6	27'-9"	
b353(E)		162 #6	31'-6"	
d351(E)		1072 #5	3'-11"	
d352	964	#4	4'-0"	

Reinforcement Bars	Lb.	36,700
Reinf. Bars (Epoxy Coated)	Lb.	67,390
Class X Concrete	Cu. Yd.	1,000
Waterproofing Membrane System	Sq. Yd.	4,246
Bitum. Conc. Surf. Course	Ton	356

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



### PLAN-NEW DECK



### CROSS SECTION A - A

(WEST BOUND SHOWN, EAST BOUND SIMILAR AND OPPOSITE)

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  
5967  
Rev. 3/18-80 RC 5

FILE NAME: D:\V161749-PWINT-accomline.local\AECOM\_DS02\_NAYDocuments\01\_Americas\Transportation\60269938\_CirclePhase\_I\000\_CAD\008\_Structural\Structure\_016-1718\Existing\_Plans\33906-60X93-SXX-Existing413



DESIGNED BY	ahmad, issa	DESIGNED -	
DRAWN BY		CHECKED -	
CHECKED BY		DRAWN -	
		CHECKED -	MI, MAI
		REVISIONS -	
		REVISIONS -	
		REVISIONS -	
		REVISIONS -	

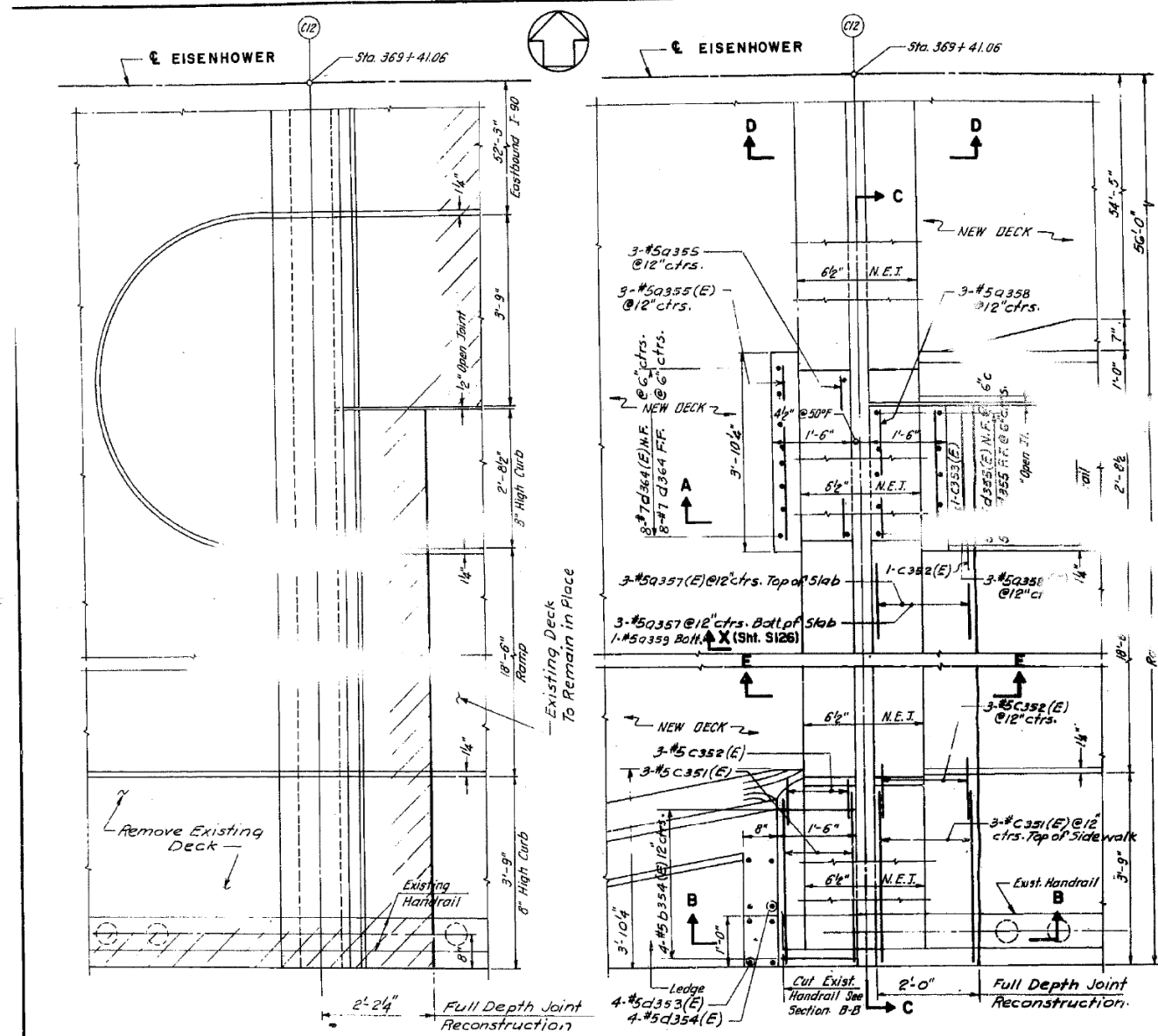
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EXISTING RECORD DRAWINGS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1901
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

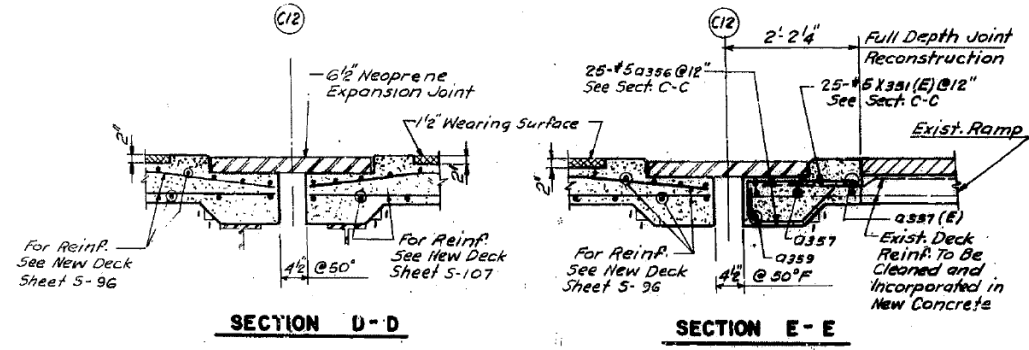
# FOR INFORMATION ONLY

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 I-IX-94-3		



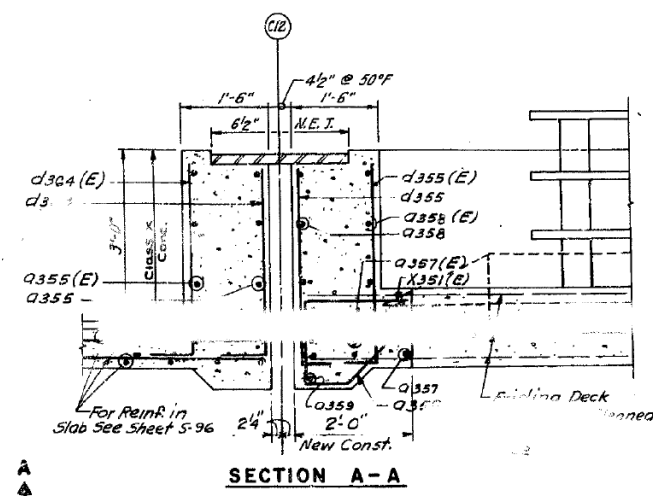
**PLAN - EXISTING EXP. JOINT AT CI2 E.B.**  
W.B. SYMMETRICAL ABOUT C

**PLAN - PROPOSED EXP. JOINT AT CI2 E.B.**  
W.B. SYMMETRICAL ABOUT C

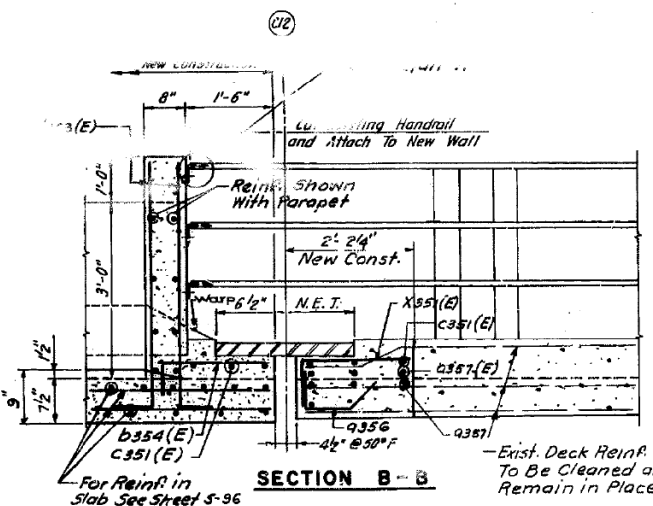


**SECTION D-D**

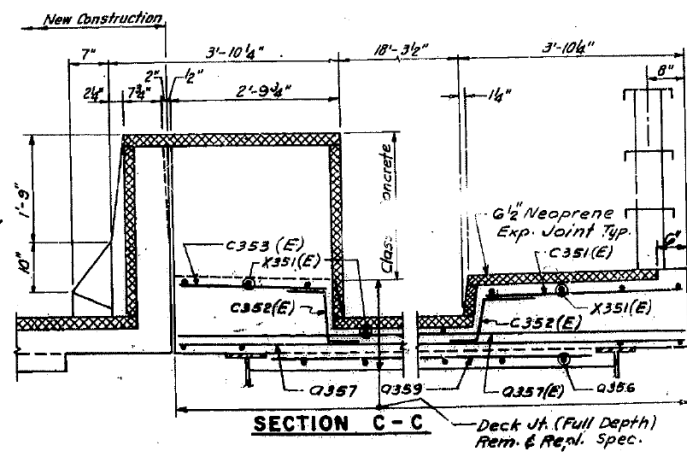
**SECTION E-E**



**SECTION A-A**



**SECTION B-B**



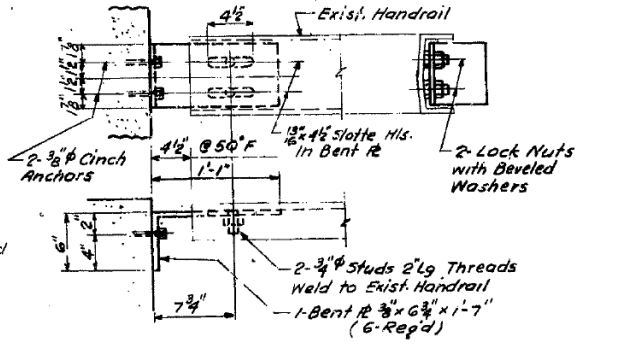
**SECTION C-C**

**BILL OF MATERIAL**

BAR NO.	SIZE	LENGTH	SHAPE
X351(E)	#5	2'-6"	
Q355(E)	#5	2'-0"	
Q355	#5	2'-8"	
Q356	#5	2'-6"	
Q357(E)	#5	2'-6"	
Q357	#5	2'-6"	
Q358(E)	#5	2'-2"	
Q358	#5	2'-2"	
Q359	#5	22'-0"	
B354(E)	#5	1'-11"	
C351(E)	#5	3'-3"	
C352(E)	#5	2'-7"	
C353(E)	#5	2'-4"	
D364(E)	#7	3'-11"	
D364	#7	3'-11"	
Q354(E)	#5	4'-11"	
D355(E)	#5	3'-11"	
D355	#5	3'-11"	

Reinforcement B Lb. 590  
 Reinf. Bars (Epoxy) Lb. 660  
 Concrete Cu. Yd. 2  
 Epoxy Resin Joint Grout Lim. Ft. 180  
 Deck Handrail Depth Rem. & Repl. Spec. Sq. Yd. 11

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



**DETAIL "A"**

Cost of Above Items Shown is Incidental.

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 SHEET 9970F

DESIGNED BY: \_\_\_\_\_  
 DRAWN BY: \_\_\_\_\_  
 CHECKED BY: \_\_\_\_\_

USER NAME =	ahmad,issa	DESIGNED -	REVISD -
PLOT SCALE =	N.T.S	CHECKED -	REVISD -
PLOT DATE =	7/26/2018	DRAWN -	REVISD -
		CHECKED -	REVISD -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

EXISTING RECORD DRAWINGS

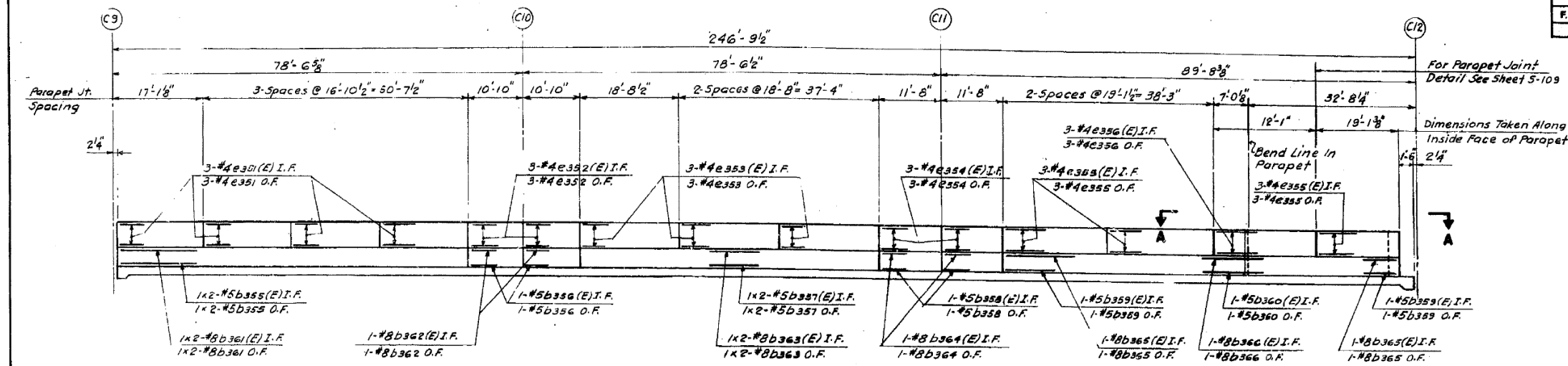
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1902
				CONTRACT NO. 60X93
				ILLINOIS FED. AID PROJECT



FILE NAME: D:\161749-PWINT-accomline.local\AECOM\_DS02\_NAYDocuments\01\_Americas\Transportation\60269938\_CirclePhase\_II\000\_CAD\008\_Structural\Structure\_016-1718\Existing\_Plans\33906-60X93-SXX-Existing.dwg

# FOR INFORMATION ONLY

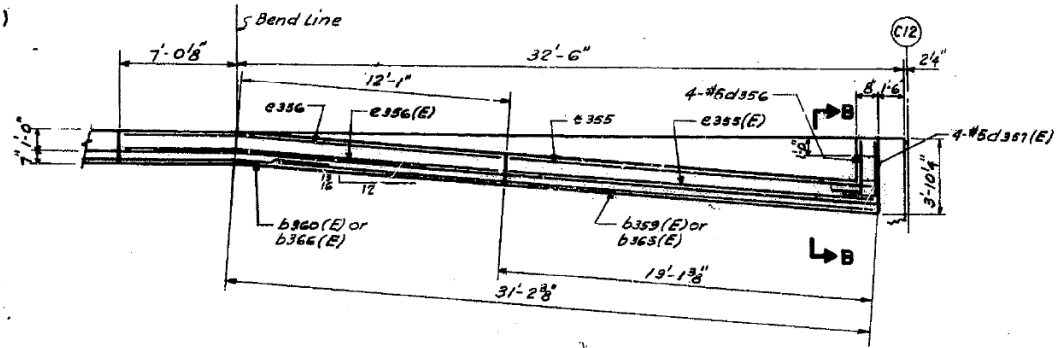
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 94	1975-117-R	COOK	290	124
FED. ROAD DIR. NO. 7	ILLINOIS	PROJECT 1-14-94-3		



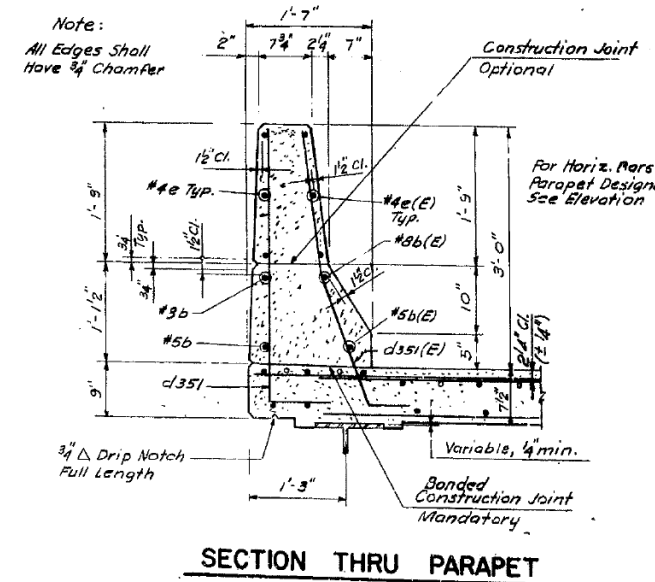
Min. Lap: 1'-8" For #5 Bars  
2'-6" For #8 Bars

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

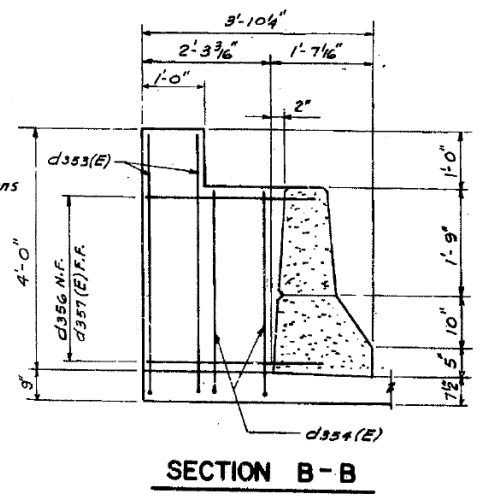
**INSIDE ELEVATION OF PARAPET**  
(NORTH PARAPET SHOWN, SOUTH PARAPET OPPOSITE HAND)



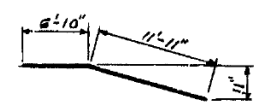
**SECTIONAL PLAN A-A**



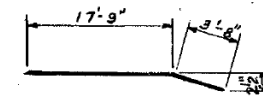
**SECTION THRU PARAPET**



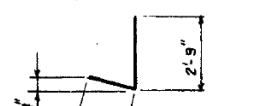
**SECTION B-B**



Bar e356(E) & e356



Bar b360(E) & b360  
Bar b366(E) & b366



Bar d356 & d357(E)

BILL OF MATERIAL				
BAR NO.	(E)	SIZE	LENGTH	SHAPE
e351(E)	24	#4	16'-7"	
e351	24	#4	16'-7"	
e352(E)	12	#4	10'-7"	
e352	12	#4	10'-7"	
e353(E)	18	#4	18'-5"	
e353	18	#4	18'-5"	
e354(E)	12	#4	11'-5"	
e354	12	#4	11'-5"	
e355(E)	18	#4	18'-10"	
e355	18	#4	18'-10"	
e356(E)	6	#4	18'-9"	
e356	6	#4	18'-9"	
b355(E)	4	#5	34'-6"	
b355	4	#5	34'-6"	
b356(E)	4	#5	10'-7"	
b356	4	#5	10'-7"	
b357(E)	4	#5	28'-8"	
b357	4	#5	28'-8"	
b358(E)	4	#5	11'-5"	
b358	4	#5	11'-5"	
b359(E)	4	#5	30'-0"	
b359	4	#5	30'-0"	
b360(E)	2	#5	21'-5"	
b360	2	#5	21'-5"	
b361(E)	4	#8	34'-11"	
b361	4	#8	34'-11"	
b362(E)	4	#8	10'-7"	
b362	4	#8	10'-7"	
b363(E)	4	#8	29'-7"	
b363	4	#8	29'-7"	
b364(E)	4	#8	11'-5"	
b364	4	#8	11'-5"	
b365(E)	4	#8	30'-0"	
b365	4	#8	30'-0"	
b366(E)	2	#8	21'-5"	
b366	2	#8	21'-5"	
d356	8	#5	4'-3"	
d357(E)	8	#5	4'-3"	
Reinforcement Bars		Lb.	2,880	
Reinf. Bars (Epoxy Coated)		Lb.	2,880	
Class X Concrete		Cu. Yd.	53	
Protective Coat		Sq. Yd.	209	

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

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
CIRCLE INTERCHANGE AND  
EISENHOWER 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

SHEET NO. 124

FILE NAME: D:\V16179-PWINT-accomline.local\AECOM\_DS02\_NAYDocuments\01\_Americas\Transportation\60269938\_CirclePhase\_I\000\_CAD\008\_Structural\Plans\33906-60X93-SXX-Existing\415



USER NAME = ahmad,issa	DESIGNED -	REVISED -
PLOT SCALE = N.T.S	CHECKED -	REVISED -
DATE = 7/26/2018	DRAWN -	REVISED -
	CHECKED - MI, MAI	REVISED -

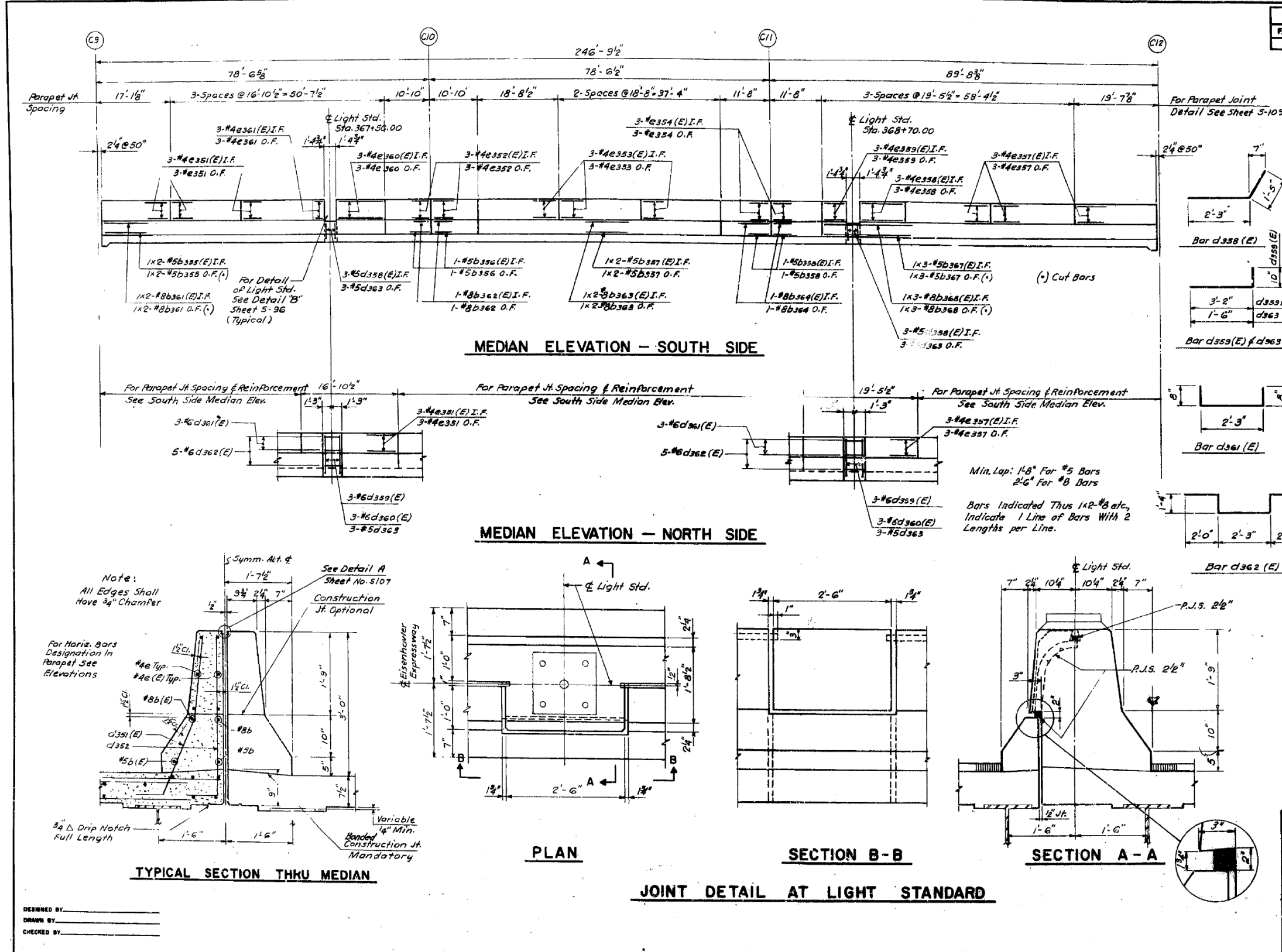
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EXISTING RECORD DRAWINGS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1903
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

# 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 I-19-94-34		



### BILL OF MATERIAL

BAR NO.	(E)	SIZE	LENGTH	SHAPE
e351	21	#4	16'-7"	
e352	12	#4	10'-7"	
e353	18	#4	18'-5"	
e354	12	#4	11'-5"	
e355	4	#5	34'-6"	
e356	4	#5	34'-6"	
e357	4	#5	28'-8"	
e358	4	#5	11'-5"	
e359	4	#5	11'-5"	
e360	4	#5	34'-11"	
e361	4	#8	34'-11"	
e362	4	#8	10'-7"	
e363	4	#8	29'-7"	
e364	4	#8	29'-1"	
e365	4	#8	11'-5"	
e366	6	#8	26'-6"	
e367	6	#8	26'-6"	
e368	6	#8	26'-9"	
e369	12	#5	2'-6"	
d358	6	#5	3'-8"	
d359	6	#6	4'-0"	
d360	6	#6	1'-5"	
d361	6	#6	3'-7"	
d362	10	#6	8'-11"	
d363	12	#5	2'-6"	
b355	4	#5	34'-6"	
b356	4	#5	10'-7"	
b357	4	#5	28'-8"	
b358	4	#5	11'-5"	
b359	4	#5	11'-5"	
b360	4	#8	34'-11"	
b361	4	#8	34'-11"	
b362	4	#8	10'-7"	
b363	4	#8	29'-7"	
b364	4	#8	29'-1"	
b365	4	#8	11'-5"	
b366	6	#8	26'-6"	
b367	6	#8	26'-6"	
b368	6	#8	26'-9"	
d358	6	#5	3'-8"	
d359	6	#6	4'-0"	
d360	6	#6	1'-5"	
d361	6	#6	3'-7"	
d362	10	#6	8'-11"	
d363	12	#5	2'-6"	
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 NO. 59967

FILE NAME: D:\161749-PWINT-accomline.local\AECOM\_DS02\_NAYDocuments\01\_Americas\Transportation\60269938\_CirclePhase\_I\000\_CAD\008\_Structural\Plans\33906-60X93-SXX-Existing\416



USER NAME =	ahmad,issa	DESIGNED -		REVISED -	
PLOT SCALE =	N.T.S	CHECKED -		REVISED -	
PLOT DATE =	7/26/2018	DRAWN -		REVISED -	
		CHECKED -	MI, MAI	REVISED -	

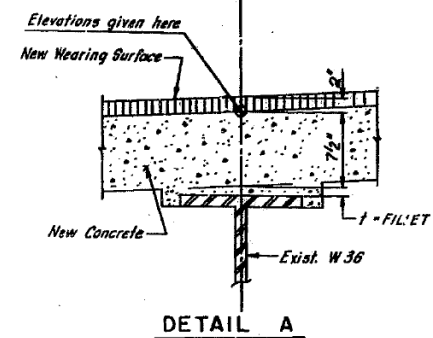
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EXISTING RECORD DRAWINGS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1904
				CONTRACT NO. 60X93
				ILLINOIS FED. AID PROJECT

# FOR INFORMATION ONLY

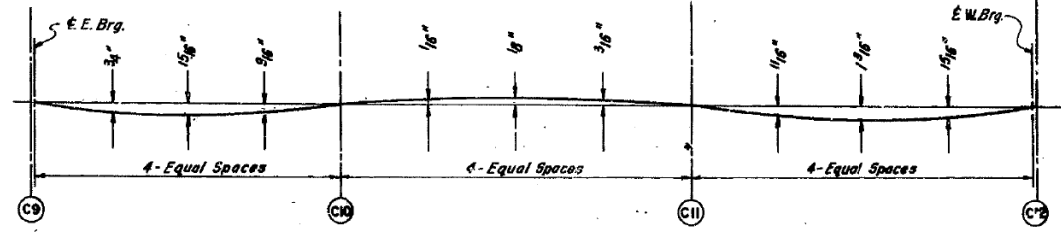
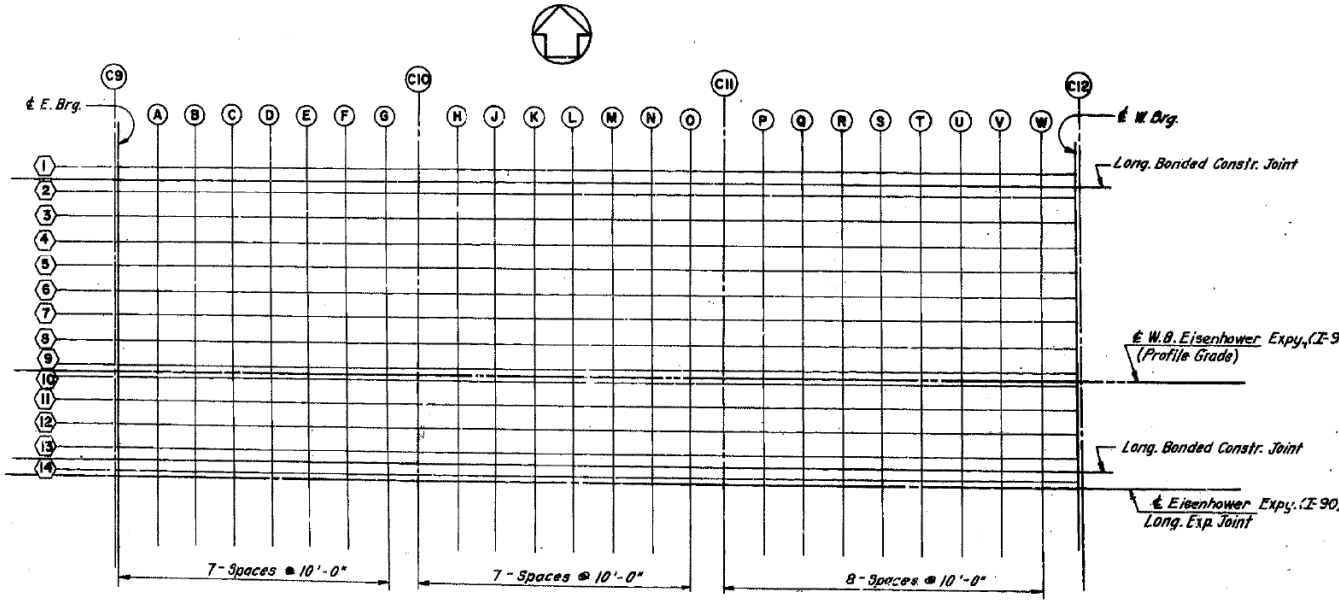
LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEO. GRADE ELEV. ADJ. FOR Q DEFL.	LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEO. GRADE ELEV. ADJ. FOR Q DEFL.	LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEO. GRADE ELEV. ADJ. FOR Q DEFL.
E BRG PIER C9	36695.098	-52.750	32.176	32.176	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	32.141	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	32.169	B	36715.098	-49.500	32.174	32.236	B	36715.098	-46.343	32.239	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	32.275
D	36735.098	-52.750	32.035	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	32.000	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	31.864	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	31.898	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	31.743
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	31.536	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	31.499	31.567	R	36881.355	-49.500	31.563	31.655	R	36881.355	-46.343	31.628	31.700
S	36891.355	-52.750	31.462	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	31.425	31.510	T	36901.355	-49.500	31.484	31.577	T	36901.355	-46.343	31.550	31.645
U	36911.355	-52.750	31.387	31.480	U	36911.355	-49.500	31.443	31.528	U	36911.355	-46.343	31.510	31.594
V	36921.355	-52.750	31.350	31.442	V	36921.355	-49.500	31.403	31.470	V	36921.355	-46.343	31.469	31.555
W	36931.355	-52.750	31.312	31.326	W	36931.355	-49.500	31.362	31.394	W	36931.355	-46.343	31.428	31.459
W BRG PIER C12	36940.222	-52.750	31.259	31.259	W BRG PIER C12	36940.222	-49.500	31.326	31.326	W BRG PIER C12	36940.222	-46.343	31.292	31.292



ROUTE NO.	SECTION	COUNTY	SHEET NO.
F.A.I. RT. 94	1975-117-R	COOK	290 126
FED. ROAD DIST. NO. 7	ILLINOIS	PROJECT I-18-94-31	

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.



**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.

**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 C9 TO BENT C12  
 F.A.I. RT. 94 COOK COUNTY SECTION 1975-117-R  
 CHICAGO, ILLINOIS

FILE NAME: D:\V161749-PWINT-accomline.local\AECOM\_DS02\_NAYDocuments\01\_Americas\Transportation\60269938\_CirclePhase\_I\000\_CAD\008\_Structural\Plans\33906-60X93-SXX-Existing\417



USER NAME =	ahmad,issa	DESIGNED -		REVISED -	
PLOT SCALE =	N.T.S	CHECKED -		REVISED -	
PLOT DATE =	7/26/2018	DRAWN -		REVISED -	
		CHECKED -	MI, MAI	REVISED -	

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

EXISTING RECORD DRAWINGS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1905
CONTRACT NO. 60X93				
		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	127
FED. ROAD DIV. NO. 7		ILLINOIS	PROJECT I-IX-94-31	

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.
<b>GIRDER 3</b>					<b>GIRDER 4</b>					<b>GIRDER 5</b>					<b>GIRDER 6</b>				
E BRG PIER C9	36695.098	-39.937	32.442	32.442	E BRG PIER C9	36695.098	-33.531	32.576	32.576	E BRG PIER C9	36695.098	-27.125	32.709	32.709	E 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	32.645	D	36735.098	-20.718	32.702	32.778
E	36745.098	-39.937	32.267	32.348	E	36745.098	-33.531	32.401	32.481	E	36745.098	-27.125	32.534	32.614	E	36745.098	-20.718	32.667	32.747
F	36755.098	-39.937	32.232	32.318	F	36755.098	-33.531	32.366	32.451	F	36755.098	-27.125	32.499	32.584	F	36755.098	-20.718	32.632	32.718
G	36765.098	-39.937	32.197	32.288	G	36765.098	-33.531	32.330	32.421	G	36765.098	-27.125	32.463	32.554	G	36765.098	-20.718	32.597	32.688
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	36792.815	-39.937	32.097	32.092	J	36792.815	-33.531	32.230	32.225	J	36792.815	-27.125	32.363	32.358	J	36792.815	-20.718	32.497	32.491
K	36802.815	-39.937	32.060	32.052	K	36802.815	-33.531	32.194	32.186	K	36802.815	-27.125	32.327	32.319	K	36802.815	-20.718	32.460	32.452
L	36812.815	-39.937	32.023	32.013	L	36812.815	-33.531	32.157	32.146	L	36812.815	-27.125	32.290	32.279	L	36812.815	-20.718	32.423	32.412
M	36822.815	-39.937	31.986	31.973	M	36822.815	-33.531	32.119	32.106	M	36822.815	-27.125	32.253	32.239	M	36822.815	-20.718	32.386	32.373
N	36832.815	-39.937	31.948	31.934	N	36832.815	-33.531	32.082	32.067	N	36832.815	-27.125	32.215	32.200	N	36832.815	-20.718	32.348	32.333
O	36842.815	-39.937	31.911	31.904	O	36842.815	-33.531	32.044	32.037	O	36842.815	-27.125	32.177	32.170	O	36842.815	-20.718	32.310	32.304
PIER C11	36851.355	-39.937	31.878	31.878	PIER C11	36851.355	-33.531	32.011	32.011	PIER C11	36851.355	-27.125	32.144	32.144	PIER C11	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	32.233
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	32.099	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	32.063	T	36901.355	-20.718	32.082	32.176
U	36911.355	-39.937	31.642	31.747	U	36911.355	-33.531	31.776	31.860	U	36911.355	-27.125	31.909	31.995	U	36911.355	-20.718	32.042	32.127
V	36921.355	-39.937	31.602	31.698	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	31.726	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

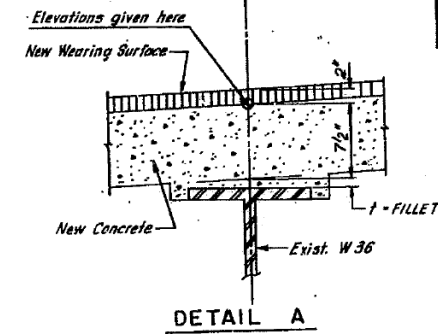
LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEO. GRADE ELEV. ADJ. FOR DEF.	LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEO. GRADE ELEV. ADJ. FOR DEF.	LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEO. GRADE ELEV. ADJ. FOR DEF.	LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEO. GRADE ELEV. ADJ. FOR DEF.
<b>GIRDER 7</b>					<b>GIRDER 8</b>					<b>GIRDER 9</b>					<b>GIRDER 10</b>				
E BRG PIER C9	36695.098	-14.312	32.975	32.975	E BRG PIER C9	36695.098	-7.906	33.074	33.074	E BRG PIER C9	36695.098	-1.500	33.147	33.147	E 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	33.039	33.091	A	36705.098	-1.500	33.112	33.144	A	36705.098	-0.000	33.114	33.144
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	33.009	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	32.994	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	32.979	32.979	E	36745.098	-1.500	32.972	33.032	E	36745.098	-0.000	32.973	33.034
F	36755.098	-14.312	32.765	32.858	F	36755.098	-7.906	32.964	32.927	F	36755.098	-1.500	32.958	32.979	F	36755.098	-0.000	32.958	32.981
G	36765.098	-14.312	32.730	32.748	G	36765.098	-7.906	32.949	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	32.921	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	36792.815	-14.312	32.630	32.625	J	36792.815	-7.906	32.749	32.743	J	36792.815	-1.500	32.801	32.796	J	36792.815	-0.000	32.803	32.798
K	36802.815	-14.312	32.593	32.585	K	36802.815	-7.906	32.712	32.704	K	36802.815	-1.500	32.764	32.756	K	36802.815	-0.000	32.766	32.758
L	36812.815	-14.312	32.556	32.548	L	36812.815	-7.906	32.675	32.665	L	36812.815	-1.500	32.727	32.717	L	36812.815	-0.000	32.729	32.719
M	36822.815	-14.312	32.519	32.506	M	36822.815	-7.906	32.638	32.625	M	36822.815	-1.500	32.690	32.677	M	36822.815	-0.000	32.692	32.679
N	36832.815	-14.312	32.481	32.467	N	36832.815	-7.906	32.600	32.584	N	36832.815	-1.500	32.653	32.638	N	36832.815	-0.000	32.655	32.640
O	36842.815	-14.312	32.444	32.437	O	36842.815	-7.906	32.562	32.556	O	36842.815	-1.500	32.615	32.608	O	36842.815	-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	32.558
R	36881.355	-14.312	32.295	32.367	R	36881.355	-7.906	32.413	32.465	R	36881.355	-1.500	32.466	32.518	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	-14.31																	



# FOR INFORMATION ONLY

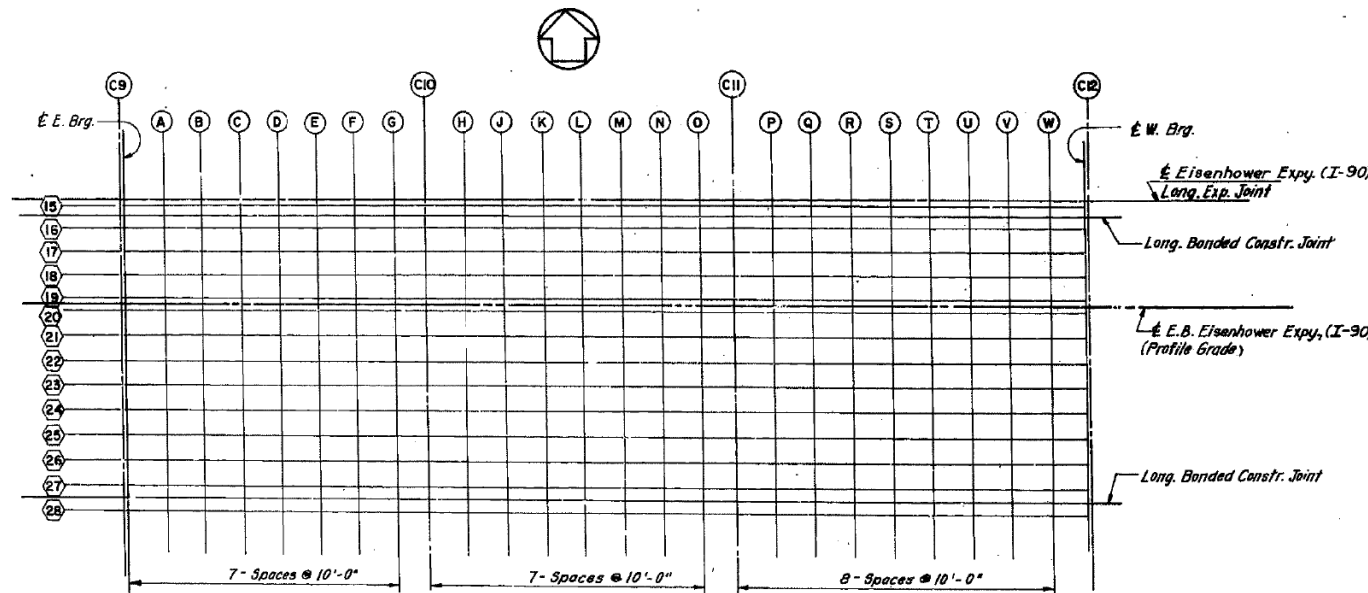
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. RT. 94	1975-117-R	COOK	290	129
FED. ROAD DIV. NO. 7	ILLINOIS	PROJECT I-IX-94-3(1)		

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	-25.499	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	-25.499	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	-25.499	32.673	32.736	B	36715.098	-22.500	32.735	32.798
C	36725.098	-26.999	32.607	32.678	C	36725.098	-25.499	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	-25.499	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	-25.499	32.568	32.628	E	36745.098	-22.500	32.630	32.690
F	36755.098	-26.999	32.501	32.544	F	36755.098	-25.499	32.533	32.575	F	36755.098	-22.500	32.595	32.638
G	36765.098	-26.999	32.466	32.485	G	36765.098	-25.499	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	-25.499	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	-25.499	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	-25.499	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	-25.499	32.361	32.353	K	36802.815	-22.500	32.423	32.415
L	36812.815	-26.999	32.292	32.287	L	36812.815	-25.499	32.324	32.313	L	36812.815	-22.500	32.386	32.379
M	36822.815	-26.999	32.255	32.242	M	36822.815	-25.499	32.286	32.278	M	36822.815	-22.500	32.349	32.335
N	36832.815	-26.999	32.218	32.203	N	36832.815	-25.499	32.249	32.234	N	36832.815	-22.500	32.311	32.296
O	36842.815	-26.999	32.180	32.173	O	36842.815	-25.499	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	-25.499	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	-25.499	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	-25.499	32.101	32.153	Q	36871.355	-22.500	32.163	32.215
R	36881.355	-26.999	32.031	32.109	R	36881.355	-25.499	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	-25.499	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	-25.499	31.983	32.077	T	36901.355	-22.500	32.045	32.139
U	36911.355	-26.999	31.911	31.996	U	36911.355	-25.499	31.943	32.027	U	36911.355	-22.500	32.005	32.089
V	36921.355	-26.999	31.871	31.938	V	36921.355	-25.499	31.903	31.969	V	36921.355	-22.500	31.965	32.031
W	36931.355	-26.999	31.830	31.862	W	36931.355	-25.499	31.862	31.895	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	-25.499	31.825	31.825	W BRG PIER C12	36940.222	-22.500	31.888	31.888

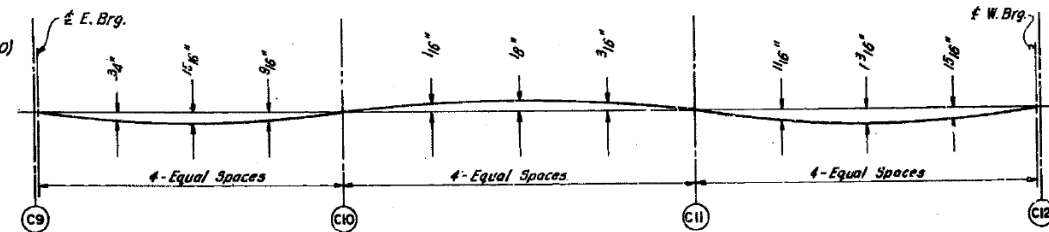


**FILLET HEIGHTS**  
 To determine "t" as shown in DETAIL A: After all existing concrete superstructure has been demolished and removed from each span, elevations of the top flanges of the beams shall be taken at intervals shown in Plan. These elevations subtracted from the "Theoretical Grade Elevations 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**



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

USER NAME =	ahmad,issa	DESIGNED -	REVISOR -
PLOT SCALE =	N.T.S	CHECKED -	REVISOR -
PLOT DATE =	7/26/2018	DRAWN -	REVISOR -
		CHECKED -	REVISOR -

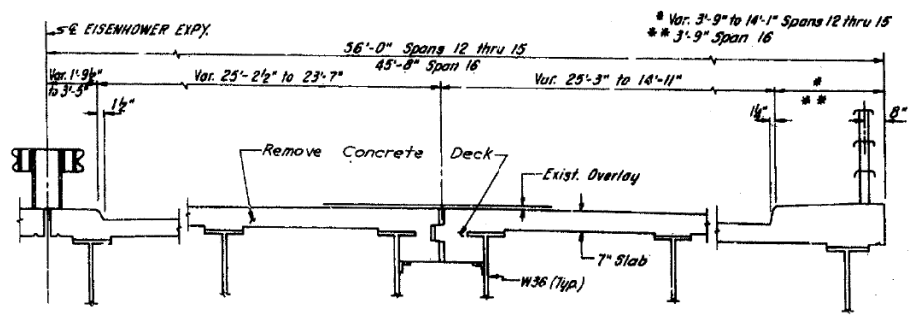
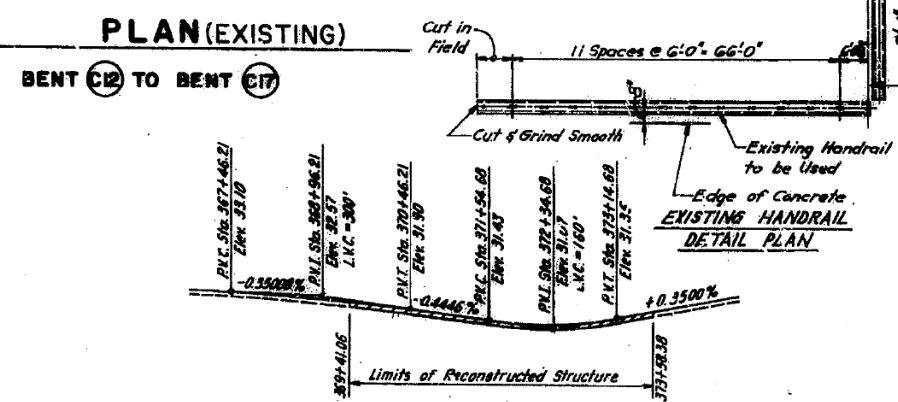
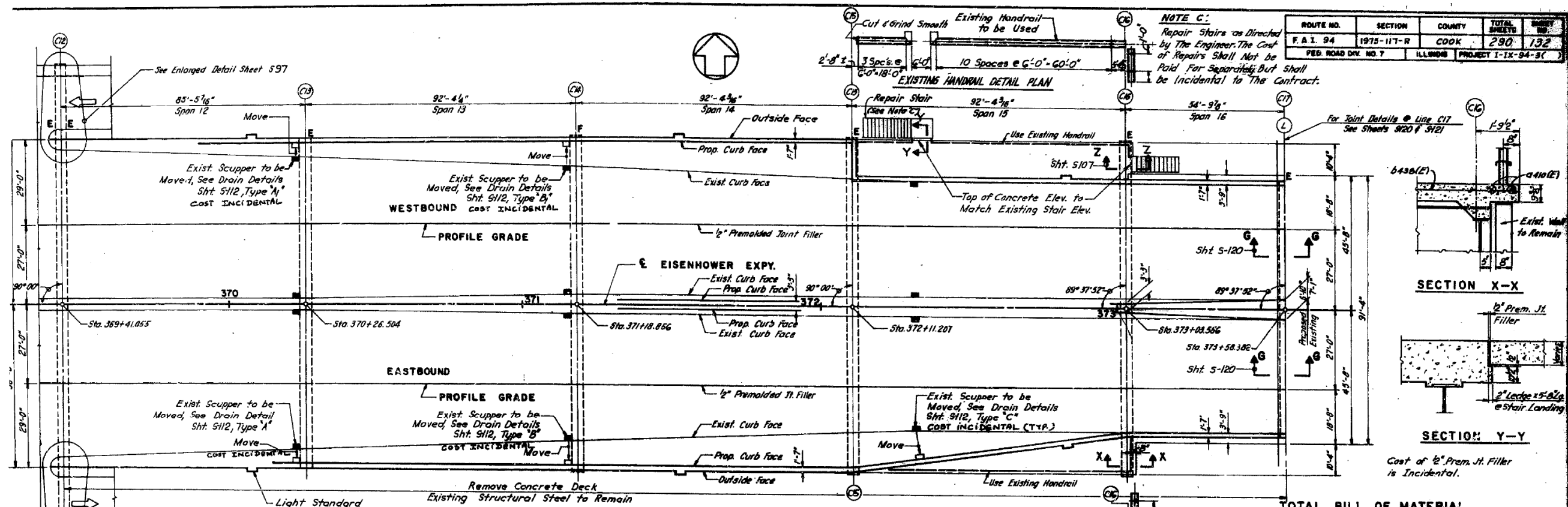
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1908
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				







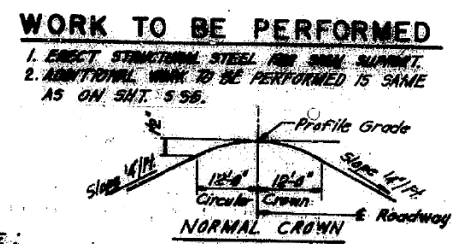
# FOR INFORMATION ONLY



**TOTAL BILL OF MATERIAL**

ITEM	UNIT	SUPERSTR.	SUBSTR.	TOTAL
Class A Concrete	Cu. Yd.	1375		1375
Bituminous 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.	242,660		242,660
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	Lin. Ft.	120		120
Remotion Expansion Bearings	Ea.	10		10
Preformed Joint Sander 212"	Lin. Ft.	405		405
Epoxy Mortar Repair	Cu. Ft.	2		2

See "General Notes" on Sht. S82.



DESIGN SPECIFICATIONS

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

DESIGN STRESSES (NEW CONSTR.)

f<sub>c</sub> = 3,500 p.s.i., Deck Slab, Curbs, Parapets

f<sub>y</sub> = 60,000 p.s.i., Reinforcement

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
CIRCLE INTERCHANGE AND  
EISENHOWER EXPRESSWAY  
REHABILITATION  
GENERAL PLAN  
BENT C12 TO C17  
F.A.I. 94 COOK COUNTY SECTION 1975-117-R  
CHICAGO, ILLINOIS  
REV. 7-9-79

FILE NAME: D:\V1617479-PWINT-accomonline.local\AECOM\_DS02\_NAYDocuments\01\_Americas\Transportation\60269938\_CirclePhase\_I\000\_CAD\008\_Structural\Plans\33906-60X93-SXX-Existing\423



USER NAME =	ahmad,issa	DESIGNED -		REVISED -	
CHECKED -		DRAWN -		REVISED -	
PLOT SCALE =	N.T.S	CHECKED -	MI, MAI	REVISED -	
PLOT DATE =	7/26/2018				

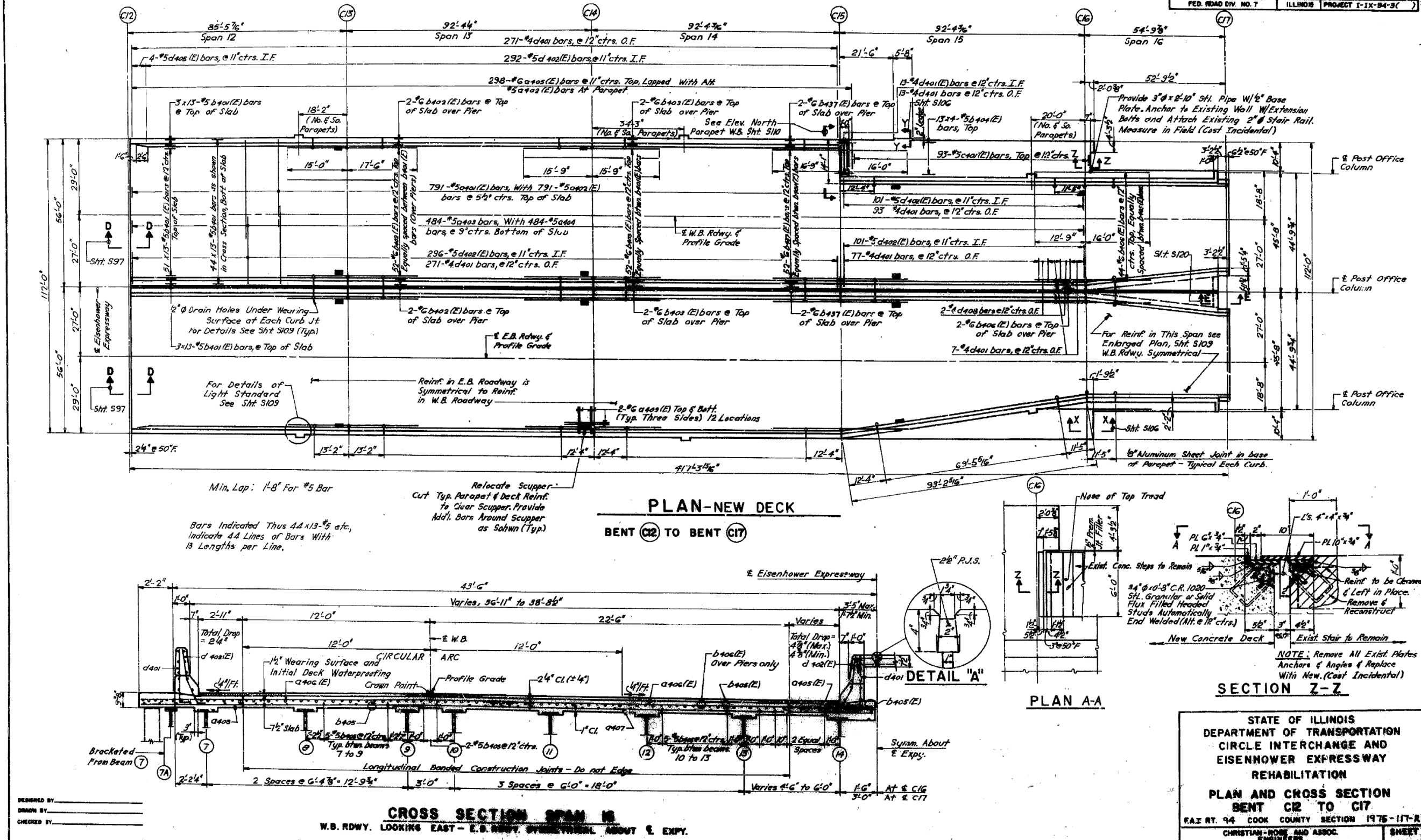
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EXISTING RECORD DRAWINGS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1911
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

# FOR INFORMATION ONLY

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



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
CIRCLE INTERCHANGE AND  
EISENHOWER EXPRESSWAY  
REHABILITATION  
PLAN AND CROSS SECTION  
BENT C12 TO C17  
F.A.I. RT. 94 COOK COUNTY SECTION 1975-117-R  
CHRISTIAN, ROBE AND ASSOC.  
ENGINEERS  
CHICAGO, ILLINOIS  
SHEET  
133/290  
Rev. 7-9-79

FILE NAME: DWG:\617479-PWINT-accomonline.local\AECOM\_DS02\_NAYDocuments\01\_Americas\Transportation\60269938\_CirclePhase\_11000\_CAD\008\_Structural\Structure\_016-1718\Existing\_Plans\33906-60X93-SXX-Existing.dwg



DESIGNED BY	ahmad, issa	DESIGNED -	
DRAWN BY		CHECKED -	
CHECKED BY		DRAWN -	
		CHECKED -	MI, MAI

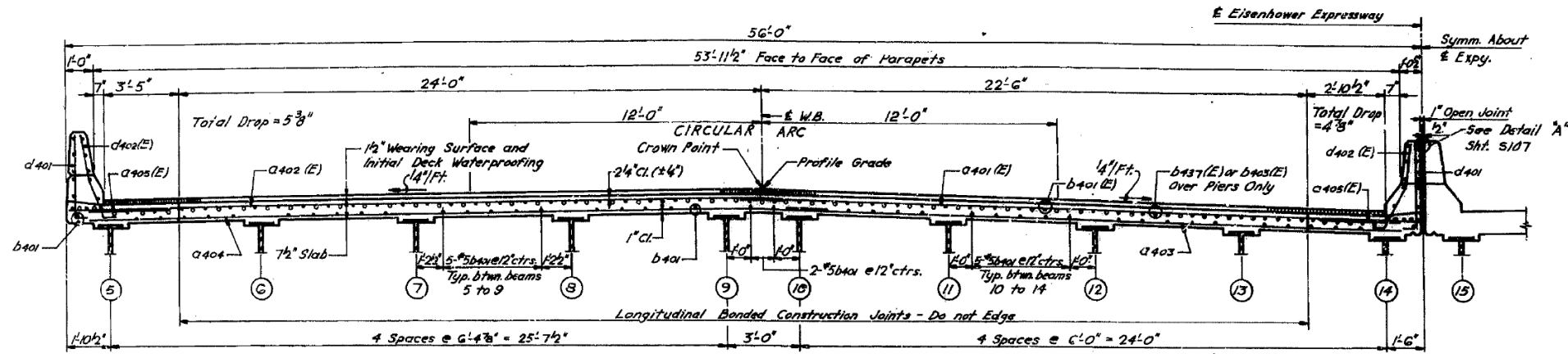
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EXISTING RECORD DRAWINGS

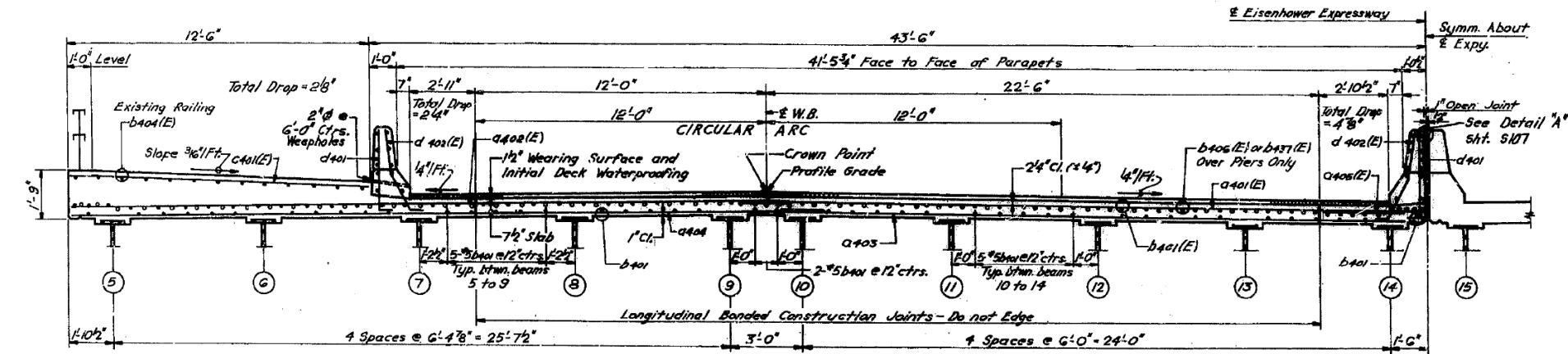
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90/94/290	2014-013R&B-R	COOK	192	1912
				CONTRACT NO. 60X93
				ILLINOIS FED. AID PROJECT

# FOR INFORMATION ONLY

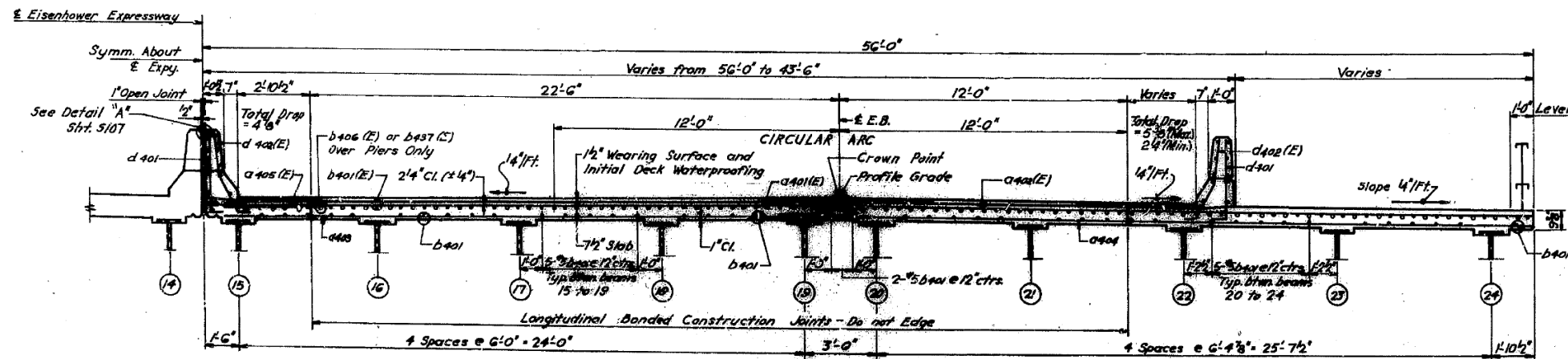
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 94	1975-117-R	COOK	290	134
FED. ROAD DIV. NO. 7	ILLINOIS	PROJECT I-IX-94-9		



**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

DESIGNED BY \_\_\_\_\_  
DRAWN BY \_\_\_\_\_  
CHECKED BY \_\_\_\_\_

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
CIRCLE INTERCHANGE AND  
EISENHOWER EXPRESSWAY  
REHABILITATION  
CROSS SECTIONS  
BENT C2 TO C17  
F.A.I. RT. 94 COOK COUNTY SECTION 1975-117-R  
CHRISTIAN-ROSE AND ASSOC.  
ENGINEERS  
CHICAGO, ILLINOIS  
SHEET 134

REV 7-5-73

FILE NAME: D:\1617479-PWINT-accomline.local\AECOM\_DS02\_NAD\Documents\01\_Americas\Transportation\60269938\_Circle\Phase\_II\000\_CAD\008\_Structural\Structure\_016-1718\Existing\_Plans\339906-60X93-SXX-Existing.dwg



USER NAME =	ahmad,issa	DESIGNED -		REVISED -	
PLOT SCALE =	N.T.S	CHECKED -		REVISED -	
PLOT DATE =	7/26/2018	DRAWN -		REVISED -	
		CHECKED -	MI, MAI	REVISED -	

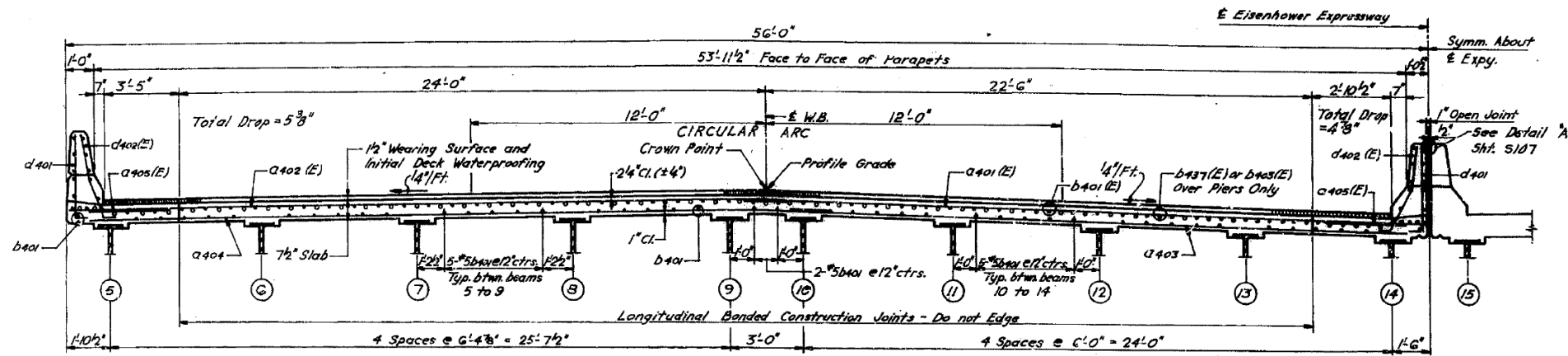
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EXISTING RECORD DRAWINGS

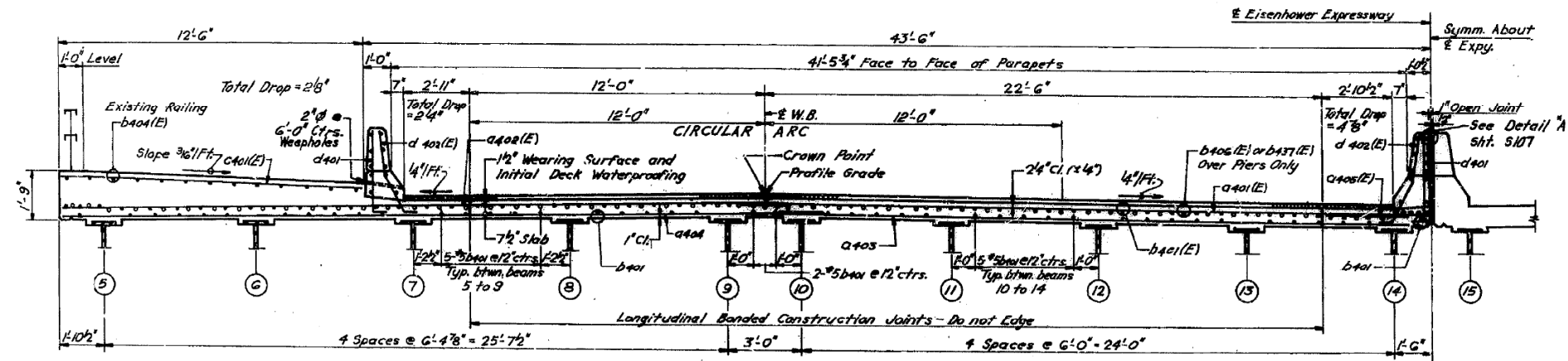
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CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

# FOR INFORMATION ONLY

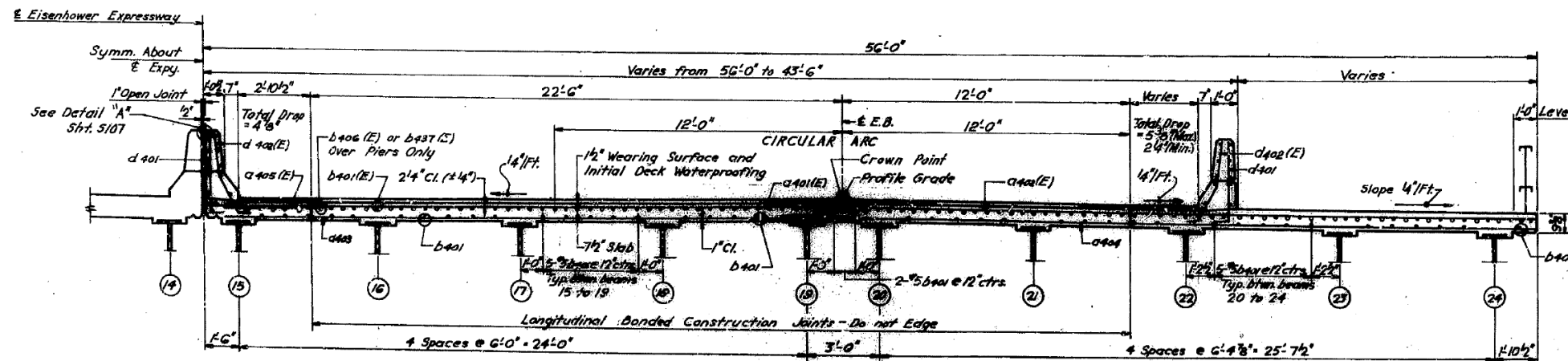
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 94	1975-117-R	COOK	290	134
FED. ROAD DIV. NO. 7		ILLINOIS	PROJECT I-IX-94-31	



**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

DESIGNED BY \_\_\_\_\_  
DRAWN BY \_\_\_\_\_  
CHECKED BY \_\_\_\_\_

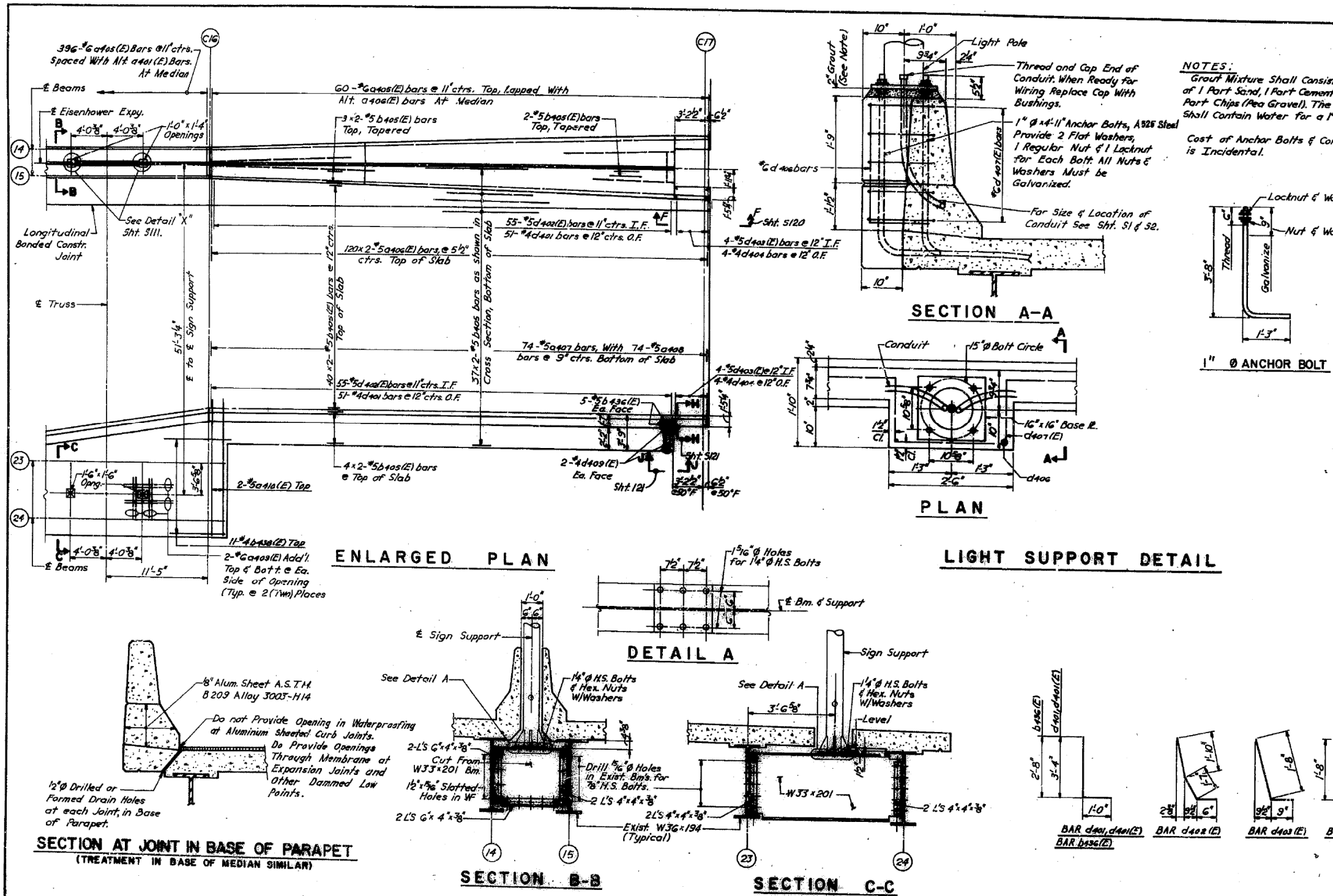
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
CIRCLE INTERCHANGE AND  
EISENHOWER EXPRESSWAY  
REHABILITATION  
CROSS SECTIONS  
BENT C12 TO C17  
F.A.I. RT. 94 COOK COUNTY SECTION 1975-117-R  
CHRISTIAN-ROSE AND ASSOC.  
ENGINEERS  
CHICAGO, ILLINOIS  
Rev. 7-9-79

USER NAME =	ahmad,issa	DESIGNED -	REVISD -
PLOT SCALE =	N.T.S	CHECKED -	REVISD -
PLOT DATE =	7/26/2018	DRAWN -	REVISD -
		CHECKED -	REVISD -
		MI, MAI	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1914
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

FILE NAME: D:\1617479-PWINT-accomonline.local\AECOM\_DS02\_NAYDocuments\01\_Americas\Transportation\60269938\_Circle\Phase\_I\000\_CAD\008\_Structural\Structure\_016-1718\Existing\_Plans\33906-60X93-SXX-Existing.dwg

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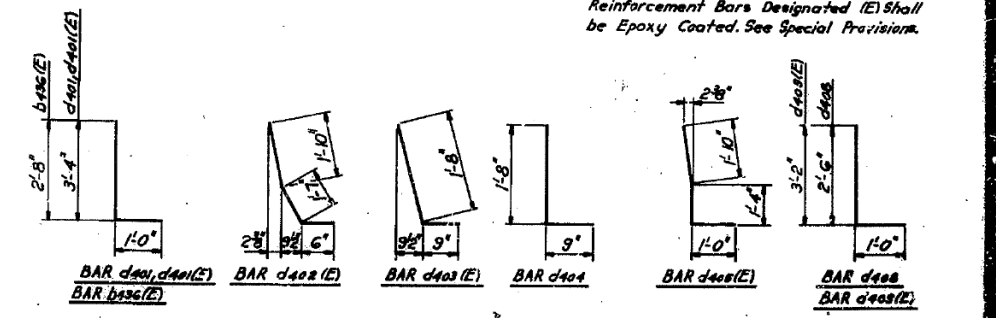


ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 94	1975-117-R	COOK	290	135
FED. ROAD DIV. NO. 7	ILLINOIS	PROJECT F-117-04-31		

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

BILL OF MATERIAL				
BAR NO.	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	1144	#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)	112	#6	32'-9"	
b410(E)	22	#4	4'-0"	
c401(E)	93	#5	12'-2"	
d401	1668	#4	4'-4"	
d401(E)	18	#4	4'-4"	
d402(E)	1800	#5	3'-11"	
d403(E)	8	#5	4'-2"	
d403(E)	16	#5	2'-5"	
d404	16	#4	2'-5"	
d405(E)	8	#5	4'-2"	
d406	8	#4	3'-6"	
Reinforcement Bars		Lb.	108,940	
Reinf. Bars (Epoxy Coated)		Lb.	199,460	
Class X Concrete		Cu. Yd.	1,176	
Waterproofing Membrane System		Sq. Yd.	4,383	
Bitum. Conc. Surf. Course		Ton	382	
Structural Steel		Lb.	4180	

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



STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 CIRCLE INTERCHANGE AND  
 EISENHOWER EXPRESSWAY  
 RENOVATION  
 SECTIONS AND DETAILS  
 SENT C/D TO C/P

F.A.I. RT. 94 COOK COUNTY SECTION 1975-117-R  
 DRAWING NO. 135  
 CHICAGO, ILLINOIS  
 APR. 7-9-75

FILE NAME: D:\V161749-P\INT-accomline.local\AECOM\_DS02\_NAYDocuments\01\_Americas\Transportation\60269938\_Circle\Phase\_I\0000\_CAD\008\_Structural\Structure\_016-1718\Existing\_Plans\33906-60X93-SXX-Existing.dwg



DESIGNED BY	ahmad,issa	DESIGNED -	
CHECKED BY		CHECKED -	
PLOT SCALE	N.T.S	DRAWN -	
PLOT DATE	7/26/2018	CHECKED -	MI, MAI

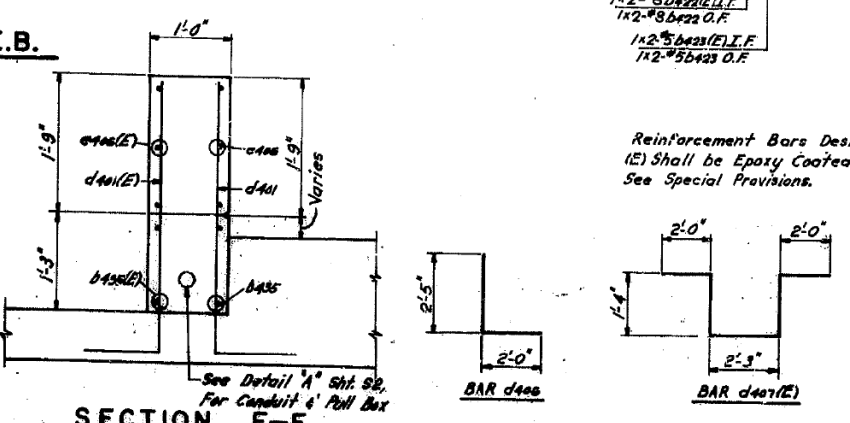
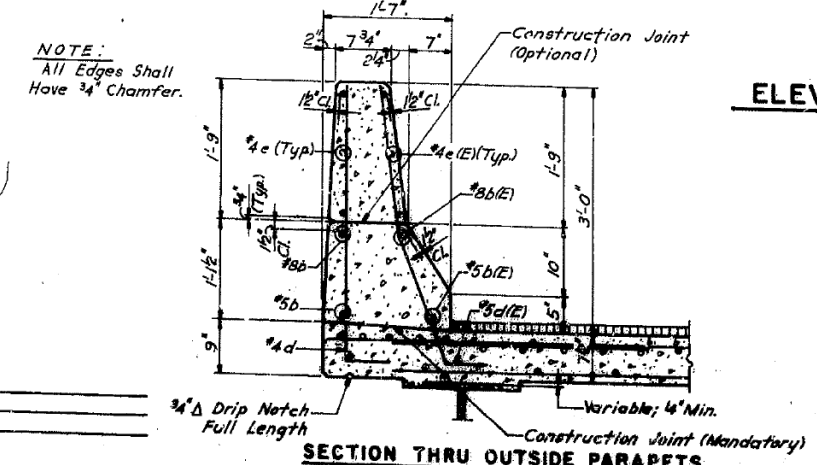
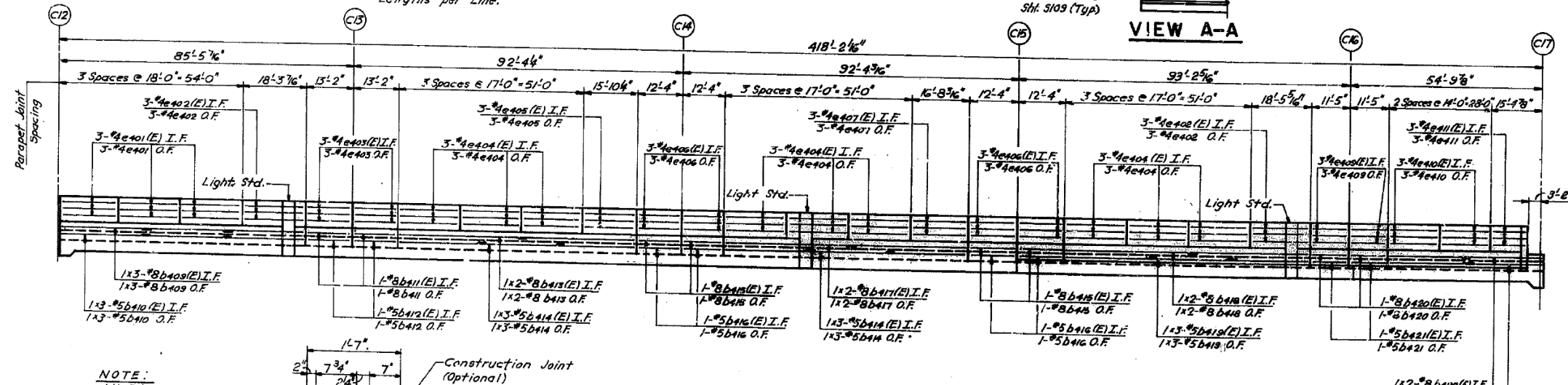
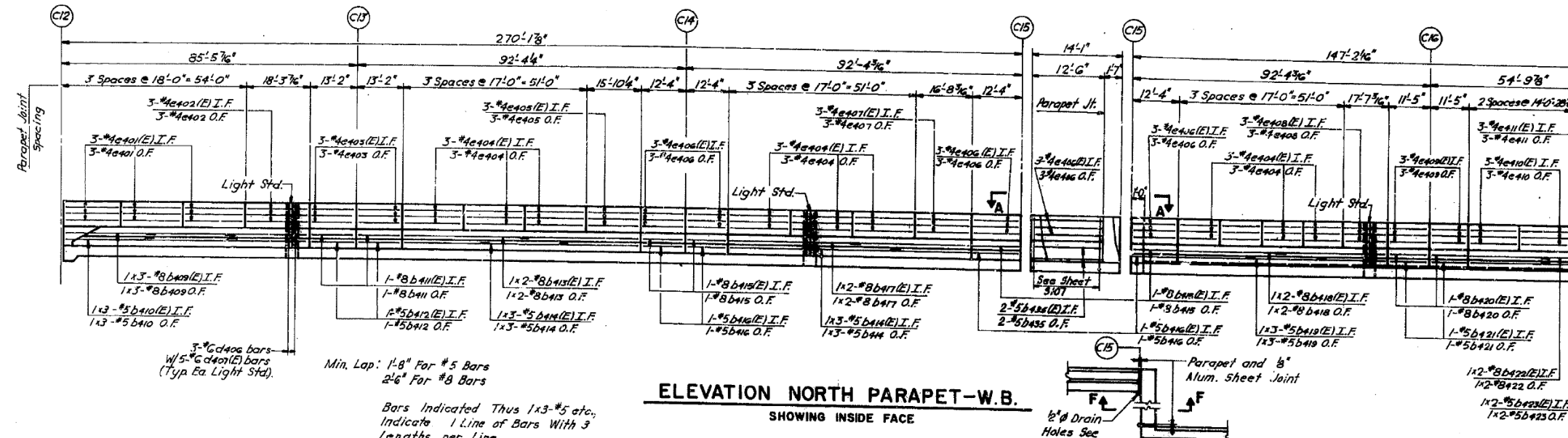
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

EXISTING RECORD DRAWINGS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1915
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

# FOR INFORMATION ONLY

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 94	1975-117-R	COOK	290	136
FED. ROAD DIST. NO. 7		ILLINOIS	PROJECT I-19-94-31	



**BILL OF MATERIAL**

BAR	NO.	(E)	SIZE	LENGTH	SHAPE
b409	6		#8	25'-7"	
b409(E)		6	#8	25'-7"	
b410	6		#5	25'-0"	
b410(E)		6	#5	25'-0"	
b411	4		#8	12'-10"	
b411(E)		4	#8	12'-10"	
b412	4		#5	12'-10"	
b412(E)		4	#5	12'-10"	
b413	4		#8	34'-6"	
b413(E)		4	#8	34'-6"	
b414	12		#5	23'-7"	
b414(E)		12	#5	23'-7"	
b415	8		#8	12'-0"	
b415(E)		8	#8	12'-0"	
b416	8		#5	12'-0"	
b416(E)		8	#5	12'-0"	
b417	4		#8	34'-11"	
b417(E)		4	#8	34'-11"	
b418	4		#8	35'-9"	
b418(E)		4	#8	35'-9"	
b419	6		#5	24'-11"	
b419(E)		6	#5	24'-11"	
b420	2		#8	11'-1"	
b420(E)		2	#8	11'-1"	
b421	4		#5	11'-1"	
b421(E)		4	#5	11'-1"	
b422	4		#8	23'-1"	
b422(E)		4	#8	23'-1"	
b423	4		#5	22'-8"	
b423(E)		4	#5	22'-8"	
b424	2		#5	12'-3"	
b424(E)		2	#5	12'-3"	
e401	18		#4	17'-8"	
e401(E)		18	#4	17'-8"	
e402	9		#4	17'-11"	
e402(E)		9	#4	17'-11"	
e403	12		#4	12'-10"	
e403(E)		12	#4	12'-10"	
e404	54		#4	15'-8"	
e404(E)		54	#4	15'-8"	
e405	6		#4	15'-6"	
e405(E)		6	#4	15'-6"	
e406	27		#4	12'-0"	
e406(E)		27	#4	12'-0"	
e407	6		#4	16'-4"	
e407(E)		6	#4	16'-4"	
e408	3		#4	17'-3"	
e408(E)		3	#4	17'-3"	
e409	12		#4	11'-1"	
e409(E)		12	#4	11'-1"	
e410	12		#4	15'-8"	
e410(E)		12	#4	15'-8"	
e411	6		#4	11'-10"	
e411(E)		6	#4	11'-10"	
d400	18		#6	4'-5"	
d407(E)		30	#6	8'-11"	

Reinforcement Bars	Lb.	4,990
Reinf. Bars (Epoxy Coated)	Lb.	5,270
Class I Concrete	Cu Yd.	96
Protective Coat	Sq. Yd.	351

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
CIRCLE INTERCHANGE AND  
EISENHOWER EXPRESSWAY  
REHABILITATION  
PARAPETS  
BENT C12 TO C17  
F.A.I.R.T. 94 COOK COUNTY SECTION 1975-117-R  
CHRISTIAN, ROSS, AND ASSOC.  
ENGINEERS  
CHICAGO, ILLINOIS  
SHEET 290 OF 290  
Rev. 7-9-79

FILE NAME: D:\V161749-PWINT-accomline.local\AECOM\_DS02\_NAYDocuments\01\_Americas\Transportation\60269938\_CirclePhase\I\000\_CAD\008\_Structural\Structure\_016-1718\Existing\_Plans\33906-60X93-SXX-Existing.dwg



DESIGNED BY	ahmad,issa	DESIGNED -	
DRAWN BY		CHECKED -	
CHECKED BY		DRAWN -	
		CHECKED -	MI, MAI
		REVISIONS -	
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

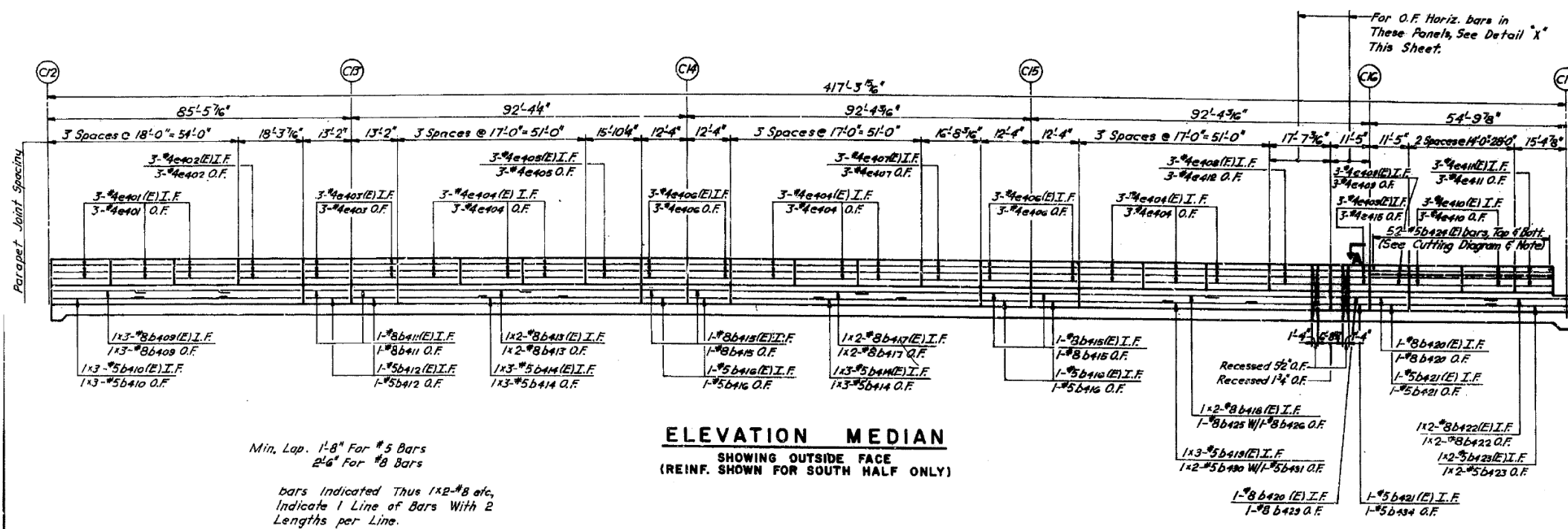
EXISTING RECORD DRAWINGS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1916
				CONTRACT NO. 60X93
				ILLINOIS FED. AID PROJECT

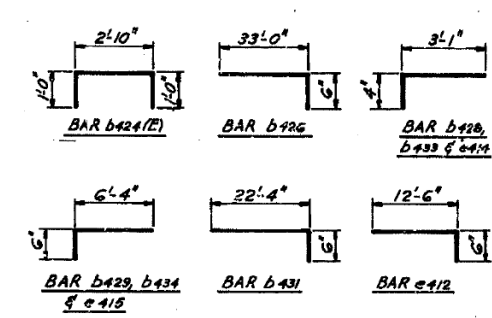
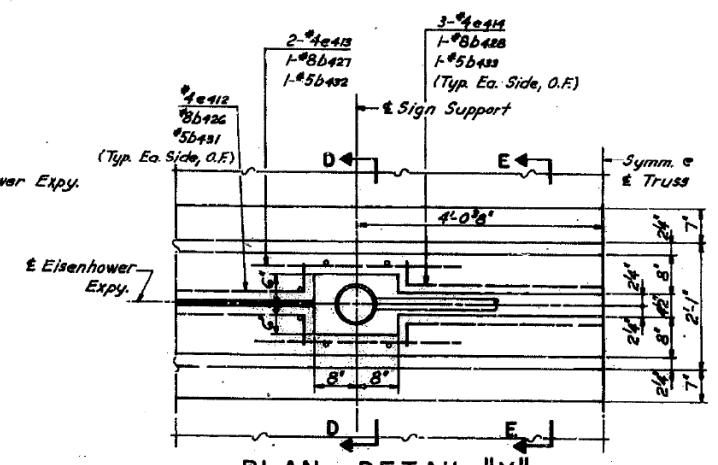
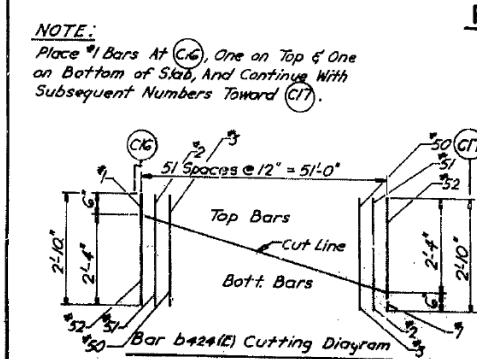
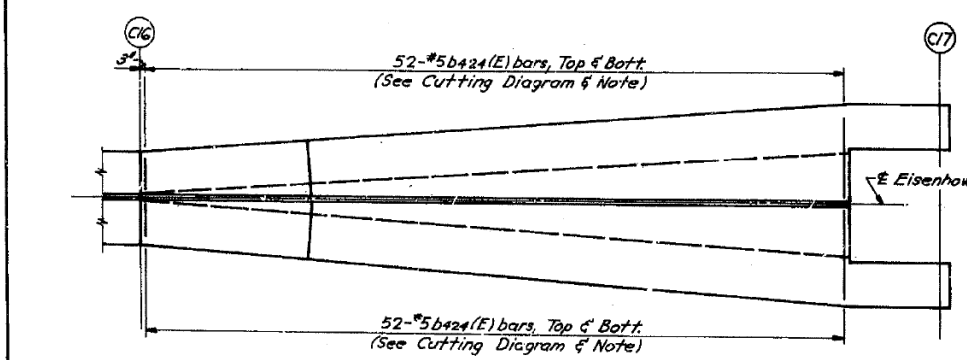


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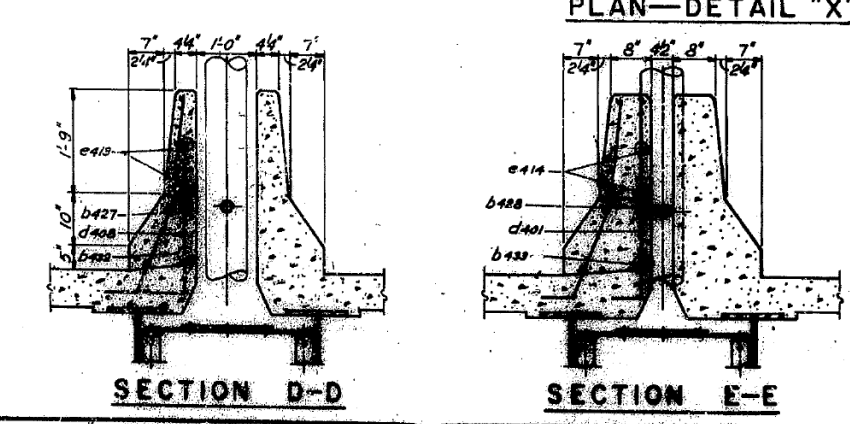
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 94	1975-117-R	COOK	290	137
FED. ROAD DIV. NO. 7		ILLINOIS	PROJECT I-IX-94-2( )	



BAR NO.	NO.	SIZE	LENGTH	SHAPE
b400	6	#8	25'-7"	
b400(E)	6	#8	25'-7"	
b410	6	#5	25'-0"	
b410(E)	6	#5	25'-0"	
b411	4	#8	12'-10"	
b411(E)	4	#8	12'-10"	
b412	4	#5	12'-10"	
b412(E)	4	#5	12'-10"	
b413	4	#8	34'-0"	
b413(E)	4	#8	34'-0"	
b414	12	#5	23'-7"	
b414(E)	12	#5	23'-7"	
b415	8	#8	12'-0"	
b415(E)	8	#8	12'-0"	
b416	8	#5	12'-0"	
b416(E)	8	#5	12'-0"	
b417	4	#8	34'-11"	
b417(E)	4	#8	34'-11"	
b418	4	#8	35'-5"	
b418(E)	4	#8	35'-5"	
b419	6	#5	23'-11"	
b419(E)	6	#5	23'-11"	
b420	2	#8	11'-1"	
b420(E)	2	#8	11'-1"	
b421	2	#5	11'-1"	
b421(E)	2	#5	11'-1"	
b422	4	#8	23'-11"	
b422(E)	4	#8	23'-11"	
b423	4	#5	23'-8"	
b423(E)	4	#5	23'-8"	
b424	104	#5	4'-10"	
b425	2	#8	33'-0"	
b425(E)	2	#8	33'-0"	
b426	4	#8	4'-0"	
b426(E)	4	#8	4'-0"	
b427	4	#8	3'-5"	
b427(E)	4	#8	3'-5"	
b428	2	#8	6'-10"	
b428(E)	2	#8	6'-10"	
b429	4	#5	22'-4"	
b429(E)	4	#5	22'-4"	
b430	2	#5	4'-0"	
b430(E)	2	#5	4'-0"	
b431	4	#5	3'-5"	
b431(E)	4	#5	3'-5"	
b432	2	#5	6'-10"	
b432(E)	2	#5	6'-10"	
b433	2	#5	6'-10"	
b433(E)	2	#5	6'-10"	
c401	18	#4	17'-8"	
c401(E)	18	#4	17'-8"	
c402	6	#4	17'-11"	
c402(E)	6	#4	17'-11"	
c403	12	#4	12'-10"	
c403(E)	12	#4	12'-10"	
c404	54	#4	16'-8"	
c404(E)	54	#4	16'-8"	
c405	6	#4	15'-6"	
c405(E)	6	#4	15'-6"	
c406	24	#4	12'-0"	
c406(E)	24	#4	12'-0"	
c407	6	#4	16'-4"	
c407(E)	6	#4	16'-4"	
c408	6	#4	17'-3"	
c408(E)	6	#4	17'-3"	
c409	6	#4	11'-1"	
c409(E)	6	#4	11'-1"	
c410	12	#4	13'-8"	
c410(E)	12	#4	13'-8"	
c411	6	#4	11'-10"	
c411(E)	6	#4	11'-10"	



BAR NO.	NO.	SIZE	LENGTH	SHAPE
e412	6	#5	13'-0"	
e413	8	#4	4'-0"	
e414	12	#4	3'-5"	
e415	6	#4	6'-10"	



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

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
CIRCLE INTERCHANGE AND  
EISENHOWER EXPRESSWAY  
REHABILITATION  
MEDIAN  
BENT C12 TO C17  
F.A.I. RT. 94 COOK COUNTY SECTION 1975-117-R  
CHRISTIAN, BOSS AND ASSOC.  
CHICAGO, ILLINOIS  
Rev. 7-9-79

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USER NAME =	ahmad,issa	DESIGNED -		REVISED -	
PLOT SCALE =	N.T.S	CHECKED -		REVISED -	
PLOT DATE =	7/26/2018	DRAWN -		REVISED -	
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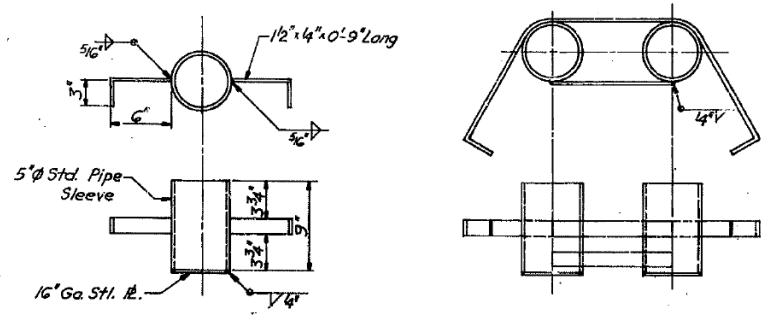
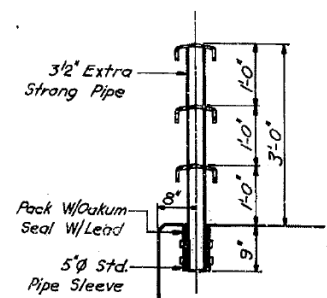
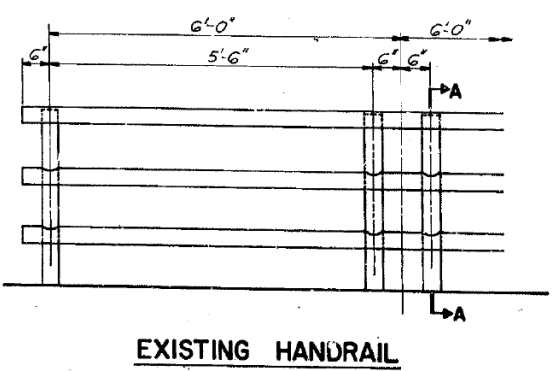
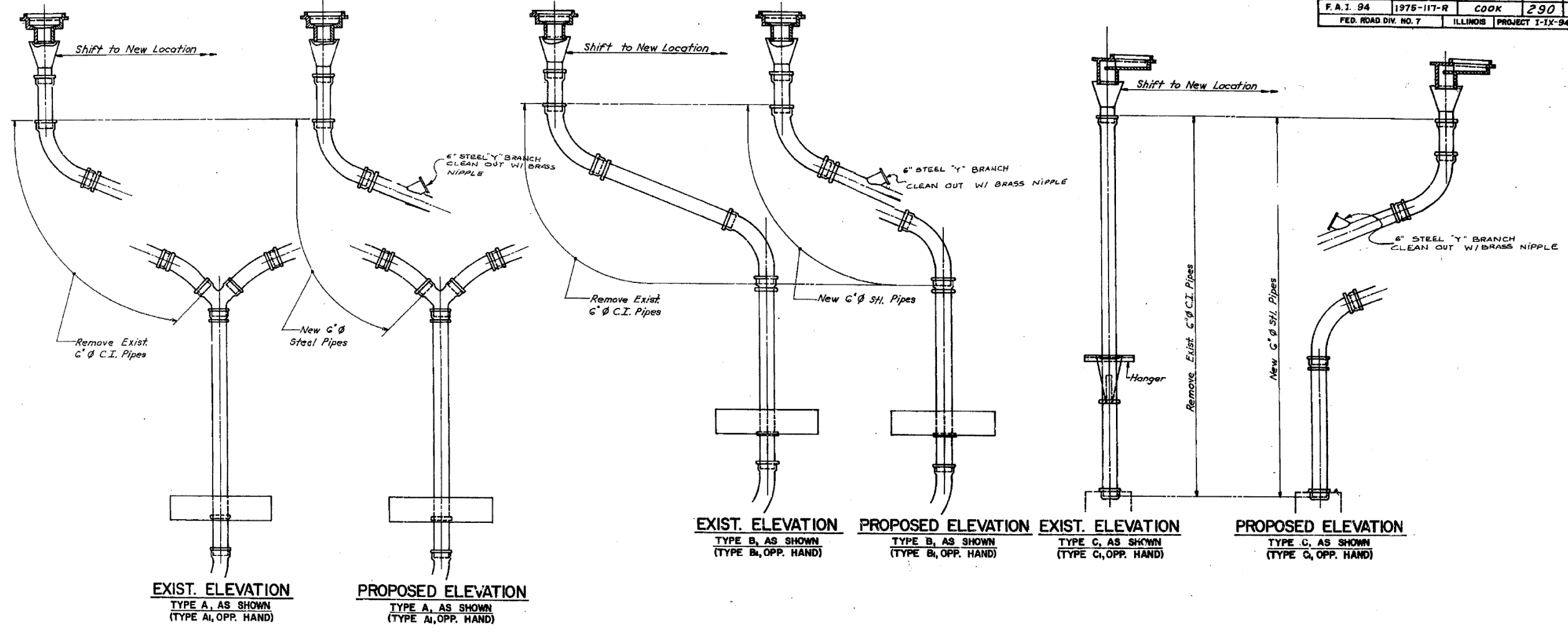
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EXISTING RECORD DRAWINGS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1917
ILLINOIS				FED. AID PROJECT

# FOR INFORMATION ONLY

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 94	1975-117-R	COOK	290	138
FED. ROAD DIV. NO. 7		ILLINOIS	PROJECT I-1X-94-3( )	



DESIGNED BY: \_\_\_\_\_  
 DRAWN BY: \_\_\_\_\_  
 CHECKED BY: \_\_\_\_\_

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 CIRCLE INTERCHANGE AND  
 EISENHOWER EXPRESSWAY  
 REHABILITATION  
 DRAINAGE & HANDRAIL DETAILS  
 BENT C12 TO C17  
 F.A.I. RT. 94 COOK COUNTY SECTION 1975-117-R

REV. 3/15/00 RCS  
 Rev. 1-18-80 CR

SHEET  
 522 OF  
 525



USER NAME = ahmad,issa	DESIGNED -	REVISED -
PLOT SCALE = N.T.S	CHECKED -	REVISED -
PLOT DATE = 7/26/2018	DRAWN -	REVISED -
	CHECKED - MI, MAI	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

EXISTING RECORD DRAWINGS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1918
CONTRACT NO. 60X93				

ILLINOIS FED. AID PROJECT

FILE NAME: D:\V161749-PWINT-aecom\online\local\AECOM\_DS02\_NAYDocuments\01\_Americas\Transportation\60269938\_Circle\Phase\_II\000\_CAD\008\_Structural\Structure\_016-1718\Existing\_Plans\33906-60X93-SXX-Existing.dwg





# FOR INFORMATION ONLY

GIRDER 10					GIRDER 11					GIRDER 12				
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.
BRG PIER C12	36941.888	-0.000	32.224	32.224	BRG PIER C12	36941.888	1.499	32.222	32.222	BRG PIER C12	36941.888	7.499	32.175	32.175
A	36951.888	-0.000	32.183	32.200	A	36951.888	1.499	32.181	32.198	A	36951.888	7.499	32.134	32.156
B	36961.888	-0.000	32.141	32.176	B	36961.888	1.499	32.139	32.174	B	36961.888	7.499	32.092	32.137
C	36971.888	-0.000	32.099	32.138	C	36971.888	1.499	32.097	32.136	C	36971.888	7.499	32.050	32.102
D	36981.888	-0.000	32.057	32.096	D	36981.888	1.499	32.055	32.096	D	36981.888	7.499	32.008	32.064
E	36991.888	-0.000	32.014	32.049	E	36991.888	1.499	32.012	32.047	E	36991.888	7.499	31.966	32.012
F	37001.888	-0.000	31.972	31.996	F	37001.888	1.499	31.970	31.994	F	37001.888	7.499	31.923	31.958
G	37011.888	-0.000	31.928	31.943	G	37011.888	1.499	31.926	31.941	G	37011.888	7.499	31.879	31.914
H	37021.888	-0.000	31.885	31.889	H	37021.888	1.499	31.883	31.887	H	37021.888	7.499	31.836	31.842
PIER C13	37026.504	-0.000	31.863	31.863	PIER C13	37026.504	1.499	31.863	31.863	PIER C13	37026.504	7.499	31.816	31.816
J	37036.504	-0.000	31.821	31.825	J	37036.504	1.499	31.819	31.823	J	37036.504	7.499	31.772	31.776
K	37046.504	-0.000	31.776	31.785	K	37046.504	1.499	31.774	31.774	K	37046.504	7.499	31.727	31.736
L	37056.504	-0.000	31.732	31.745	L	37056.504	1.499	31.730	31.743	L	37056.504	7.499	31.683	31.698
M	37066.504	-0.000	31.687	31.705	M	37066.504	1.499	31.685	31.703	M	37066.504	7.499	31.639	31.660
N	37076.504	-0.000	31.643	31.662	N	37076.504	1.499	31.641	31.660	N	37076.504	7.499	31.594	31.618
O	37086.504	-0.000	31.598	31.613	O	37086.504	1.499	31.596	31.611	O	37086.504	7.499	31.550	31.578
P	37096.504	-0.000	31.554	31.564	P	37096.504	1.499	31.552	31.562	P	37096.504	7.499	31.505	31.520
Q	37106.504	-0.000	31.510	31.515	Q	37106.504	1.499	31.508	31.507	Q	37106.504	7.499	31.461	31.469
R	37116.504	-0.000	31.465	31.466	R	37116.504	1.499	31.463	31.464	R	37116.504	7.499	31.416	31.418
PIER C14	37118.856	-0.000	31.455	31.455	PIER C14	37118.856	1.499	31.453	31.453	PIER C14	37118.856	7.499	31.406	31.406
S	37128.856	-0.000	31.410	31.417	S	37128.856	1.499	31.408	31.415	S	37128.856	7.499	31.361	31.368
T	37138.856	-0.000	31.366	31.379	T	37138.856	1.499	31.364	31.377	T	37138.856	7.499	31.317	31.330
U	37148.856	-0.000	31.321	31.340	U	37148.856	1.499	31.319	31.338	U	37148.856	7.499	31.272	31.293
V	37158.856	-0.000	31.277	31.301	V	37158.856	1.499	31.275	31.299	V	37158.856	7.499	31.228	31.255
W	37168.856	-0.000	31.232	31.251	W	37168.856	1.499	31.235	31.259	W	37168.856	7.499	31.183	31.217
X	37178.856	-0.000	31.187	31.213	X	37178.856	1.499	31.189	31.217	X	37178.856	7.499	31.138	31.175
Y	37188.856	-0.000	31.142	31.183	Y	37188.856	1.499	31.149	31.181	Y	37188.856	7.499	31.093	31.139
Z	37198.856	-0.000	31.100	31.153	Z	37198.856	1.499	31.145	31.151	Z	37198.856	7.499	31.048	31.107
AA	37208.856	-0.000	31.057	31.128	AA	37208.856	1.499	31.125	31.126	AA	37208.856	7.499	31.003	31.080
PIER C15	37211.207	-0.000	31.123	31.123	PIER C15	37211.207	1.499	31.121	31.121	PIER C15	37211.207	7.499	31.075	31.075
AB	37221.207	-0.000	31.109	31.119	AB	37221.207	1.499	31.108	31.117	AB	37221.207	7.499	31.061	31.072
AC	37231.207	-0.000	31.095	31.119	AC	37231.207	1.499	31.099	31.117	AC	37231.207	7.499	31.052	31.074
AD	37241.207	-0.000	31.081	31.122	AD	37241.207	1.499	31.095	31.120	AD	37241.207	7.499	31.048	31.080
AE	37251.207	-0.000	31.067	31.130	AE	37251.207	1.499	31.092	31.120	AE	37251.207	7.499	31.044	31.080
AF	37261.207	-0.000	31.053	31.138	AF	37261.207	1.499	31.088	31.136	AF	37261.207	7.499	31.040	31.090
AG	37271.207	-0.000	31.039	31.145	AG	37271.207	1.499	31.084	31.143	AG	37271.207	7.499	31.036	31.099
AH	37281.207	-0.000	31.025	31.153	AH	37281.207	1.499	31.080	31.154	AH	37281.207	7.499	31.032	31.112
AJ	37291.207	-0.000	31.011	31.165	AJ	37291.207	1.499	31.076	31.163	AJ	37291.207	7.499	31.028	31.119
AK	37301.207	-0.000	31.000	31.180	AK	37301.207	1.499	31.072	31.178	AK	37301.207	7.499	31.024	31.131
PIER C16	37303.383	-0.000	31.183	31.183	PIER C16	37303.383	1.499	31.181	31.181	PIER C16	37303.383	7.499	31.135	31.135
AL	37313.383	-0.000	31.215	31.215	AL	37313.383	1.499	31.213	31.213	AL	37313.383	7.499	31.167	31.167
AM	37323.383	-0.000	31.250	31.250	AM	37323.383	1.499	31.213	31.248	AM	37323.383	7.499	31.202	31.202
AN	37333.383	-0.000	31.285	31.286	AN	37333.383	1.499	31.213	31.248	AN	37333.383	7.499	31.237	31.238
AO	37343.383	-0.000	31.320	31.325	AO	37343.383	1.499	31.213	31.248	AO	37343.383	7.499	31.272	31.272
AP	37353.383	-0.000	31.355	31.357	AP	37353.383	1.499	31.213	31.355	AP	37353.383	7.499	31.307	31.308
BRG PIER C17	37358.209	-0.000	31.372	31.372	BRG PIER C17	37358.218	1.499	31.370	31.370	BRG PIER C17	37358.257	7.499	31.323	31.323

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. RT. 94	1975-117-R	COOK	290	141
FED. ROAD DIV. NO. 7		ILLINOIS	PROJECT 1-IX-94-31	

NOTE A: All elevations in the tables are given at the top of the concrete deck as shown in DETAIL A on Sht. 5-1/3.

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
CIRCLE INTERCHANGE AND  
EISENHOWER EXPRESSWAY  
REHABILITATION  
ELEVATIONS  
I-90 W.B. BENT C12 TO BENT C17  
F.A.I. RT. 94 COOK COUNTY SECTION 1975-117-R

CHRISTIAN-ROGE AND ASSOC.  
ENGINEERS  
CHICAGO, ILLINOIS

SHEET  
290 OF  
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FILE NAME: D:\V6\1749-PWINT-aecom\line\local\AECOM\_DS02\_NAYDocuments\01\_Americas\Transportation\6026938\_Circle\Phase\_II\000\_CAD\008\_Structural\Structure\_016-1718\Existing\_Plans\33906-60X93-SX-Existing.dwg



USER NAME =	ahmad,issa	DESIGNED -		REVISED -	
CHECKED -		DRAWN -		REVISED -	
PLOT SCALE =	N.T.S	CHECKED -	MI, MAI	REVISED -	
PLOT DATE =	7/26/2018				

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EXISTING RECORD DRAWINGS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1921
CONTRACT NO. 60X93				
ILLINOIS FED. ADJ. PROJECT				

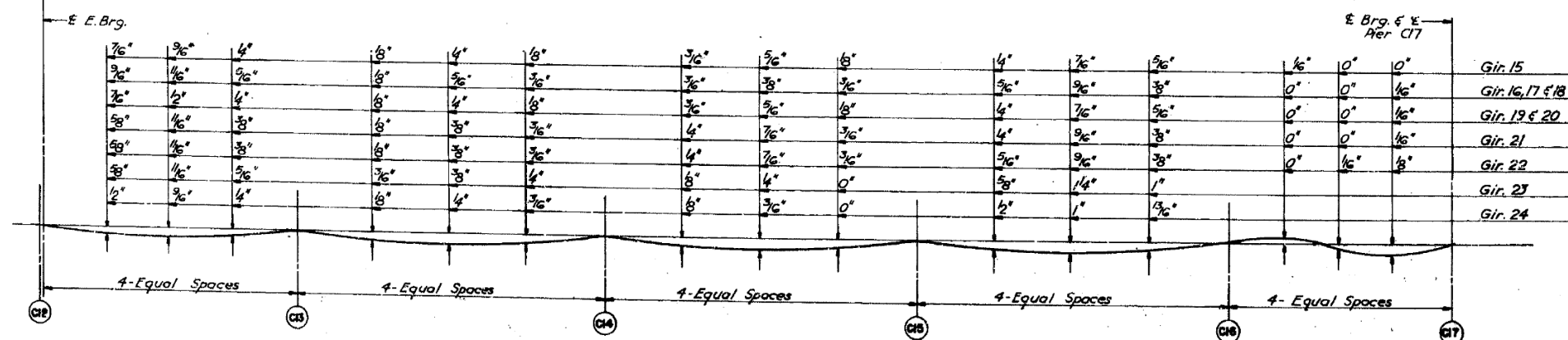


# FOR INFORMATION ONLY

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.
<b>GIRDER 16</b>					<b>GIRDER 17</b>					<b>GIRDER 18</b>					<b>GIRDER 19</b>				
E BRG PIER C12	36941.888	-19.500	31.943	31.943	E BRG PIER C12	36941.888	-13.499	32.068	32.068	E BRG PIER C12	36941.888	-7.499	32.175	32.175	E BRG PIER C12	36941.888	-1.499	32.222	32.222
A	36951.888	-19.500	31.902	31.924	A	36951.888	-13.499	32.027	32.049	A	36951.888	-7.499	32.134	32.156	A	36951.888	-1.499	32.131	32.198
AA	37208.856	-19.500	30.846	30.848	AA	37208.856	-13.499	30.971	30.973	AA	37208.856	-7.499	31.099	31.107	AA	37208.856	-1.499	31.125	31.126
<b>GIRDER 20</b>					<b>GIRDER 21</b>					<b>GIRDER 22</b>					<b>GIRDER 23</b>				
E BRG PIER C17	37358.431	-19.500	31.092	31.092	E BRG PIER C17	37358.470	-13.499	31.217	31.217	E BRG PIER C17	37358.508	-7.499	31.324	31.324	E BRG PIER C17	37358.547	-1.499	31.371	31.371

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. RT. 94	1975-117-R	COOK	290	143
FED. ROAD DIV. NO. 7			ILLINOIS PROJECT I-1X-94-31	

NOTE A: All elevations in the tables are given at the top of the concrete deck as shown in DETAIL A on Sht. S-116



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.

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
CIRCLE INTERCHANGE AND  
EISENHOWER EXPRESSWAY  
REHABILITATION  
ELEVATIONS  
I-90 E.B. BENT C12 TO BENT C17

F.A.I. RT. 94     COOK COUNTY     SECTION 1975-117-R

CHRISTIAN-ROGE AND ASSOC.  
ENGINEERS  
CHICAGO, ILLINOIS

SHEET  
247 OF

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USER NAME =	ahmad.issa	DESIGNED -	REVISOR -
PLOT SCALE =	N.T.S	CHECKED -	REVISION -
PLOT DATE =	7/26/2018	DRAWN -	REVISION -
		CHECKED -	REVISION -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EXISTING RECORD DRAWINGS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1923
CONTRACT NO. 60X93				
ILLINOIS FED.AID PROJECT				

# FOR INFORMATION ONLY

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.
BRG PIER C12	36941.888	0.000	32.224	32.224	BRG PIER C12	36941.888	1.500	32.222	32.222	BRG PIER C12	36941.888	7.906	32.170	32.170	BRG PIER C12	36941.888			
A	36951.888	0.000	32.183	32.200	A	36951.888	1.500	32.181	32.198	A	36951.888	7.906	32.129	32.153	A	36951.888			
B	36961.888	0.000	32.141	32.176	B	36961.888	1.500	32.139	32.174	B	36961.888	7.906	32.087	32.136	B	36961.888			
C	36971.888	0.000	32.099	32.132	C	36971.888	1.500	32.097	32.136	C	36971.888	7.906	32.045	32.099	C	36971.888			
D	36981.888	0.000	32.057	32.098	D	36981.888	1.500	32.055	32.096	D	36981.888	7.906	32.003	32.060	D	36981.888			
E	36991.888	0.000	32.014	32.047	E	36991.888	1.500	32.012	32.047	E	36991.888	7.906	31.960	32.008	E	36991.888			
F	37001.888	0.000	31.972	31.996	F	37001.888	1.500	31.970	31.994	F	37001.888	7.906	31.917	31.953	F	37001.888			
G	37011.888	0.000	31.928	31.943	G	37011.888	1.500	31.926	31.941	G	37011.888	7.906	31.874	31.896	G	37011.888			
H	37021.888	0.000	31.885	31.889	H	37021.888	1.500	31.883	31.887	H	37021.888	7.906	31.831	31.837	H	37021.888			

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. RT. 94	1975-117-R	COOK	290	144
FED. ROAD DIV. NO. 7			ILLINOIS PROJECT I-IX-94-3(1)	

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NOTE A: All elevations in the tables are given at the top of the concrete deck as shown in DETAIL A on Sht. S-76

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
CIRCLE INTERCHANGE AND  
EISENHOWER EXPRESSWAY  
REHABILITATION  
ELEVATIONS  
I-90 E.B. BENT C12 TO BENT C17  
F.A.I. RT 94 COOK COUNTY SECTION 1975-117-R

CHRISTIAN-ROGE AND ASSOC.  
ENGINEERS  
CHICAGO, ILLINOIS

SHEET  
S180F





# FOR INFORMATION ONLY

## LIST OF PLANS

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G-41	CROSS SECTIONS-COORDINATES -59 W. TO +50 E.	41	S-22	STRUCTURAL STEEL FRAMING PLAN-W.S. RAMP	79	A-16	LANDSCAPING PLAN-WEST OF HALSTED STREET	111
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ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS
F.A.I. 8-1	0101.6-IP	COOK	118
FED. ROAD DIST. NO. 4	ILLINOIS	PROJECT 1-06-81(7)-81	

## SUMMARY OF ITEMS

ITEM NO.	UNIT	QUANTITY	DESCRIPTION	ITEM NO.	UNIT	QUANTITY	DESCRIPTION	ITEM NO.	UNIT	QUANTITY	DESCRIPTION
1	CU. YDS.	235,000	SPECIAL EXCAVATION	37	EACH	19	MANHOLES, TYPE A, 4-FT. DIA.	73	EACH	91	JUNCTION BOXES
2	CU. YDS.	1,500	CLASS A EXCAVATION FOR STRUCTURES	38	EACH	2	INLETS TO BE ADJUSTED	74	LUMP SUM		SERVICE FOR SUBWAY PUMP ROOM
3	TONS	12,700	POROUS GRANULAR EMBANKMENT	39	EACH	8	CATCH BASINS TO BE ADJUSTED	75	SQ. YDS.	18,300	SODDING
4	CU. YDS.	1,500	TRENCH BACKFILL	40	EACH	13	MANHOLES TO BE ADJUSTED	76	CU. YDS.	4,260	TOP SOIL
5	CU. YDS.	8,100	CLASS X CONCRETE	41	EACH	15	CATCH BASINS TO BE RECONSTRUCTED	77	ACRES	6.4	COMPLETE SEEDING
6	LBS.	1,600,000	REINFORCEMENT BARS	42	EACH	7	MANHOLES TO BE RECONSTRUCTED	78	TONS	11.7	PEAT MOSS
7	SQ. YDS.	33,500	PAVEMENT FABRIC	43	EACH	4	FILLING EXISTING INLETS	79	TONS	1.1	FERTILIZER NUTRIENTS
8	LBS.	3,400,000	STRUCTURAL STEEL	44	EACH	1	FILLING EXISTING CATCH BASINS	80	TONS	12.8	STRAW FOR ASPHALT-COATED MULCH
9	CU. FT.	68,000	SUB-PIER SHAFTS	45	LBS.	16,000	MISCELLANEOUS IRON CASTINGS	81	GALS.	1,280	EMULSIFIED ASPHALT
10	CU. FT.	5,400	SUB-PIER BELLS	46	LIN. FT.	2,050	STORM SEWERS, TYPE 1, 8-INCH	82	EACH	20	FRAXINUS AMERICANA, 6'-8'
11	TONS	16,300	6-INCH SUB-BASE GRANULAR MATERIAL, TYPE A	47	LIN. FT.	400	STORM SEWERS, TYPE 2, 8-INCH	83	EACH	6	PLATANUS OCCIDENTALIS, 7'-8'
12	TONS	3,250	8-INCH SUB-BASE GRANULAR MATERIAL, TYPE A	48	LIN. FT.	2,300	STORM SEWERS, TYPE 2, 10-INCH	84	EACH	10	CELTIS OCCIDENTALIS, 8'-10'
13	TONS	19,000	12-INCH SUB-BASE GRANULAR MATERIAL, TYPE B	49	LIN. FT.	1,425	STORM SEWERS, TYPE 2, 12-INCH	85	EACH	28	GLEDITSIA TRIACANTHOS INERMIS, 7'-8'
14	SQ. YDS.	1,900	PORTLAND CEMENT CONCRETE PAVEMENT, 6-INCH	50	LIN. FT.	350	STORM SEWERS, TYPE 2, 15-INCH	86	EACH	12	GLEDITSIA TRIACANTHOS INERMIS, 8'-10'
15	SQ. YDS.	30,000	PORTLAND CEMENT CONCRETE PAVEMENT, 10-INCH	51	LIN. FT.	180	STORM SEWERS, TYPE 2, 18-INCH	87	EACH	7	CRATAEGUS CRUS-GALLI, 8'-10'
16	SQ. YDS.	2,100	PORTLAND CEMENT CONCRETE PAVEMENT, 10-INCH (COLORED)	52	LIN. FT.	1,500	PIPE UNDERDRAINS, 8-INCH	88	EACH	5	CRATAEGUS CRUS-GALLI, 10'-12'
17	SQ. YDS.	450	PORTLAND CEMENT CONCRETE PAVEMENT, APPROACH SLABS	53	LIN. FT.	250	8-INCH CAST IRON PIPE AND FITTINGS	89	EACH	12	CRATAEGUS COCCINEA, 10'-12'
18	SQ. YDS.	1,350	SLOPE WALL	54	LIN. FT.	110	8-INCH CAST IRON PIPE AND FITTINGS	90	EACH	11	MALUS CORONARIA, 8'-10'
19	SQ. FT.	1,250	PORTLAND CEMENT CONCRETE SIDEWALK, 5-INCH	55	LUMP SUM		SPRINKLER SYSTEM	91	EACH	15	MALUS IOENSIS, 8'-10'
20	LIN. FT.	3,200	COMBINATION CONCRETE CURB AND GUTTER, TYPE 3	56	SQ. YDS.	2,000	STONE PAVING	92	EACH	12	NAME PLATES
21	LIN. FT.	6,600	COMBINATION CONCRETE CURB AND GUTTER, TYPE 3A	57	EACH	4	PROJECT MARKERS	93	LUMP SUM		SPECIAL MANHOLE
22	LIN. FT.	1,200	COMBINATION CONCRETE CURB AND GUTTER, TYPE 3B	58	EACH	37	LIGHT STANDARDS, 1 8-FT. ARM				
23	LIN. FT.	5,300	COMBINATION CONCRETE CURB AND GUTTER, TYPE 3C	59	EACH	18	LIGHT STANDARDS, 1 8-FT. ARM				
24	LIN. FT.	2,100	COMBINATION CONCRETE CURB AND GUTTER, TYPE 3D	60	EACH	23	LIGHT STANDARDS, 1 12-FT. ARM				
25	LIN. FT.	5,000	COMBINATION CONCRETE CURB AND GUTTER, TYPE 3E	61	EACH	66	LUMINAIRES ON BRACKETS				
26	LIN. FT.	400	CONCRETE CURB, TYPE 4	62	LIN. FT.	2,200	1-INCH STEEL CONDUIT				
27	SQ. FT.	4,000	LONGITUDINAL CURB EXPANSION JOINTS	63	LIN. FT.	1,100	1/4-INCH STEEL CONDUIT				
28	GALS.	2,700	BITUMINOUS MATERIALS (PRIME COAT)	64	LIN. FT.	40	1/2-INCH STEEL CONDUIT				
29	TONS	735	BITUMINOUS CONCRETE BINDER COURSE	65	LIN. FT.	6,000	2-INCH STEEL CONDUIT				
30	TONS	480	BITUMINOUS CONCRETE SURFACE COURSE, SUBCLASS I-II	66	LIN. FT.	400	2-1/2-INCH STEEL CONDUIT				
31	LIN. FT.	7,200	METAL HANDRAIL	67	LIN. FT.	600	3-INCH STEEL CONDUIT				
32	LIN. FT.	2,800	CHAIN LINK FENCE	68	LIN. FT.	500	4-INCH ASBESTOS-CEMENT CONDUIT, ENCASED				
33	LIN. FT.	1,400	STEEL PLATE BEAM GUARD RAIL	69	LIN. FT.	13,000	NO. 10 A.W.G. INSULATED WIRE				
34	EACH	63	INLETS, TYPE A	70	LIN. FT.	33,000	NO. 6 A.W.G. INSULATED WIRE				
35	EACH	53	CATCH BASINS, TYPE A, 4-FT. DIA.	71	LIN. FT.	17,000	NO. 6 A.W.G. INSULATED WIRE				
36	EACH	4	MANHOLES, TYPE A, 3-FT. DIA.	72	LUMP SUM		SYSTEM GROUNDING				

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BUREAU OF ENGINEERING  
NORTHWEST ROUTE SUPERHIGHWAY  
HALSTED STREET INTERCHANGE  
SECTION 0101.6-IP  
LIST OF PLANS  
SUMMARY OF ITEMS

AUGUST 1950  
SHEET NO. G-2 OF 118 SHEETS

FILE NAME: D:\V161749-P\WINT.aec\monline.local\AECOM\_DS02\_NAYDocuments\01\_Americas\Transportation\60269938\_Circle\Phase\_II\000\_CAD\008\_Structural\Structure\_016-1718\Existing\_Plans\0160461\_20-60X93-Sxx-Existing651



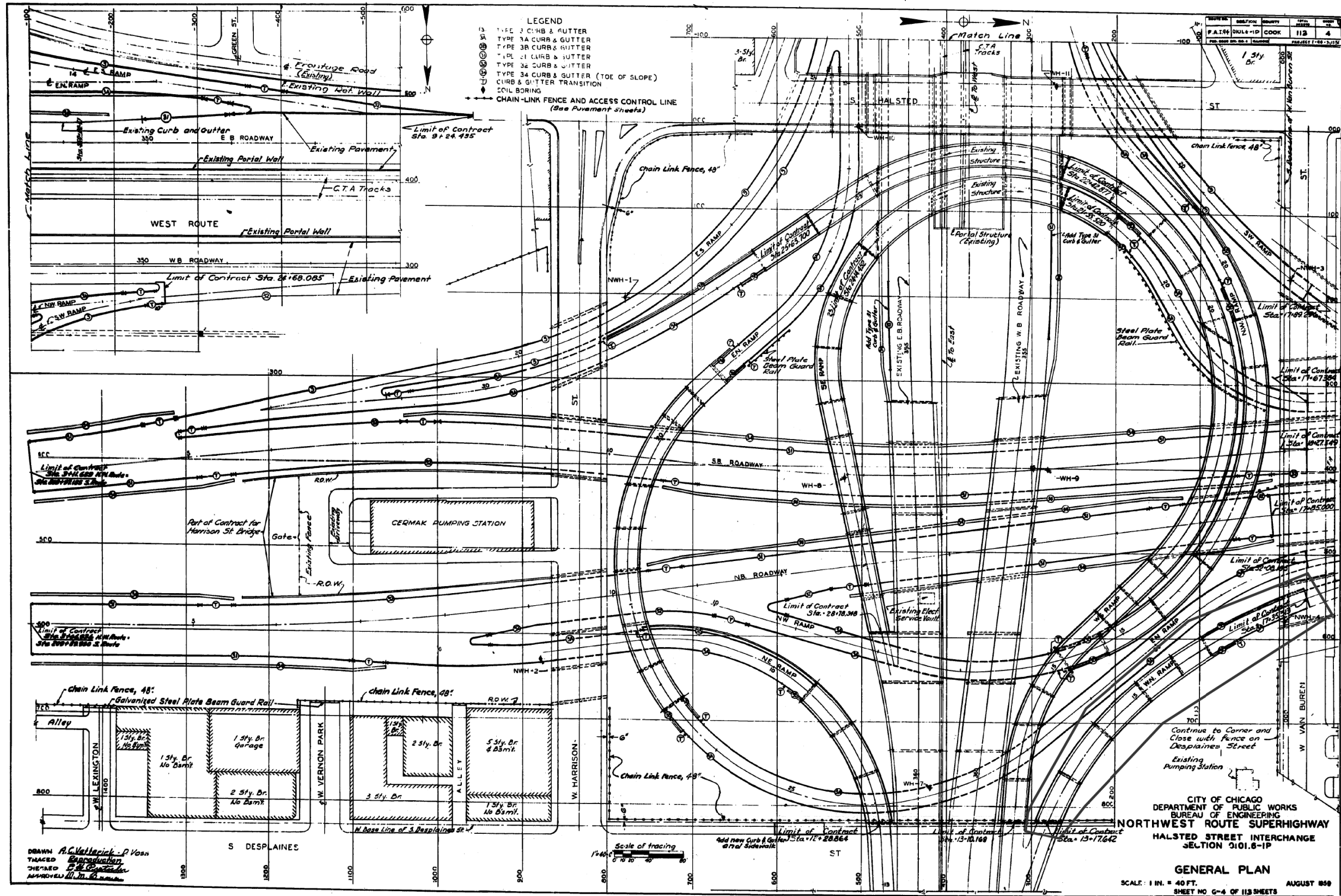
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EXISTING RECORD DRAWINGS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1926
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

# FOR INFORMATION ONLY



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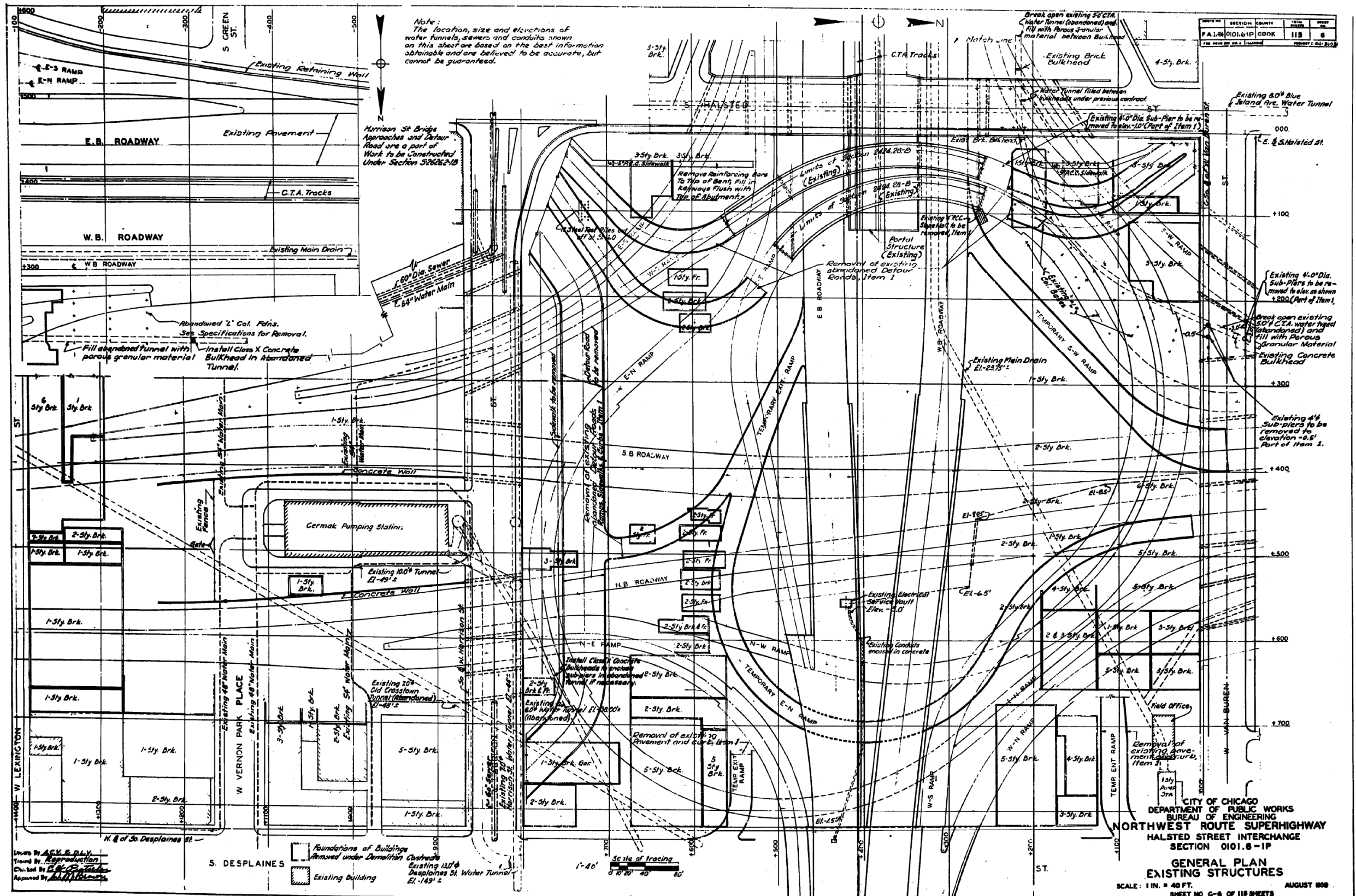
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 DEPARTMENT OF TRANSPORTATION

EXISTING RECORD DRAWINGS

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CONTRACT NO. 60X93				

ILLINOIS FED. AID PROJECT

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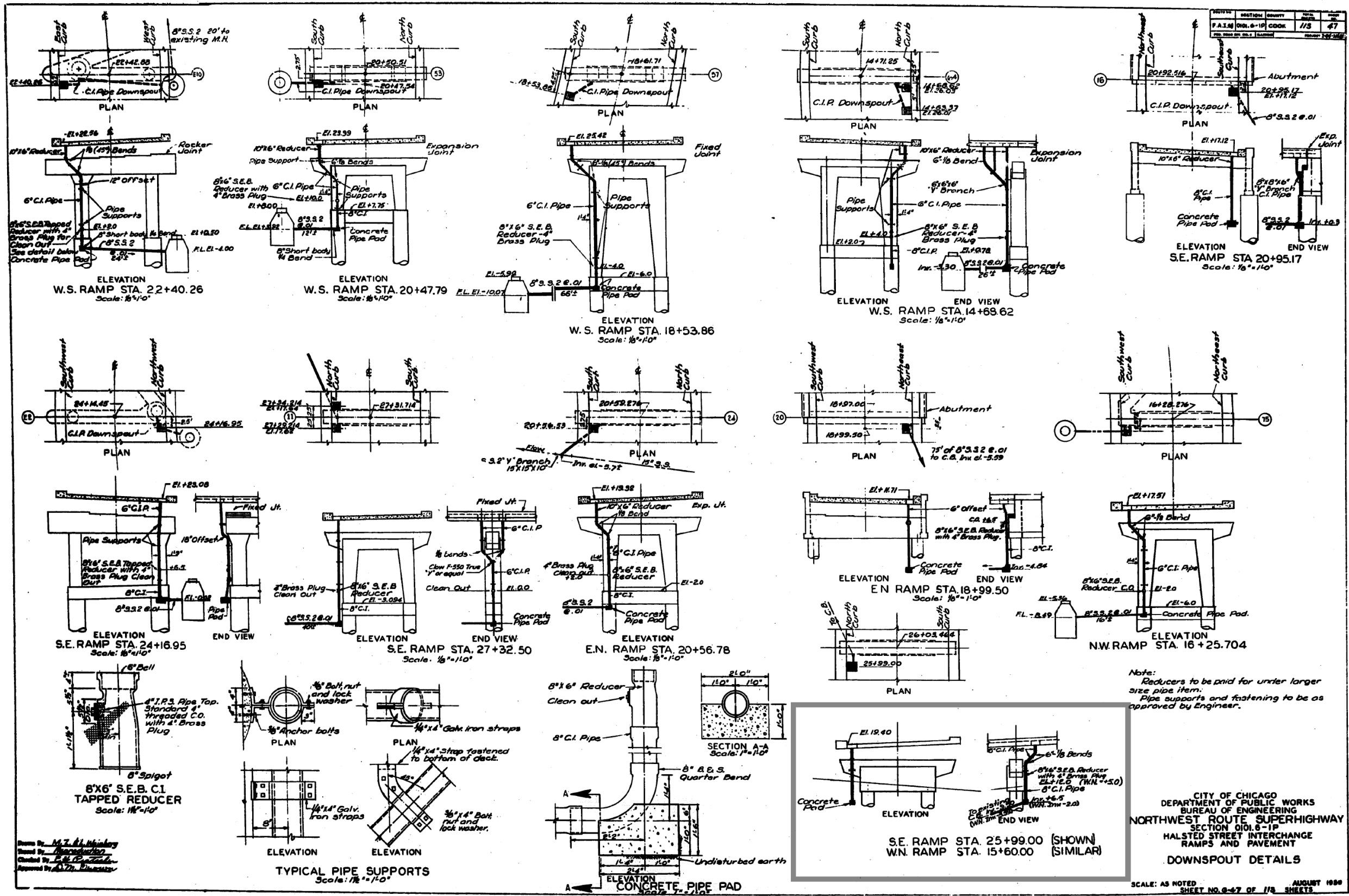
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EXISTING RECORD DRAWINGS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1928
CONTRACT NO. 60X93				

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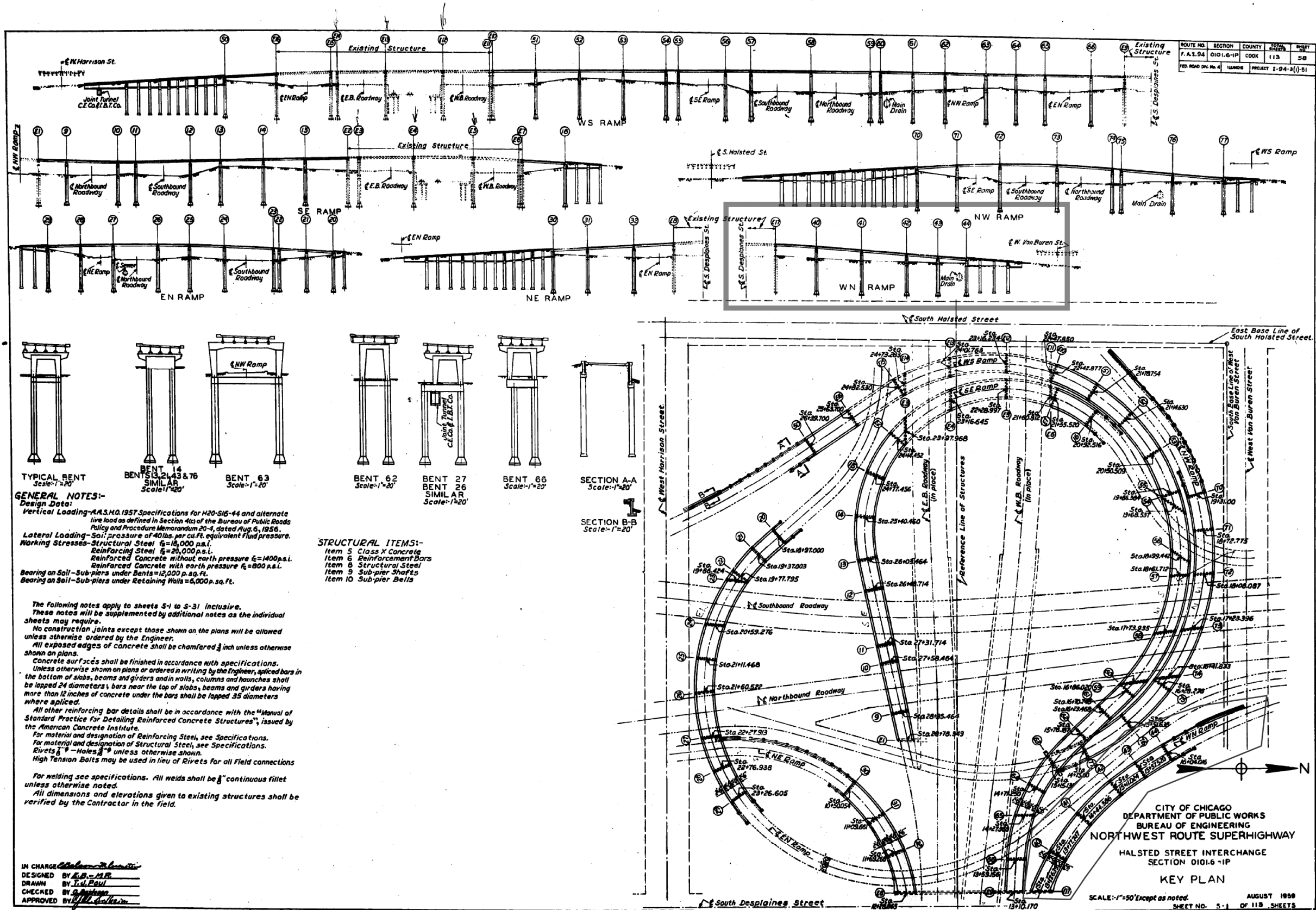
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EXISTING RECORD DRAWINGS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1929
CONTRACT NO. 60X93				
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**GENERAL NOTES:-**

**Design Data:**  
 Vertical Loading - A.A.S.H.O. 1957 Specifications for H20-S16-44 and alternate live load as defined in Section 41c of the Bureau of Public Roads Policy and Procedure Memorandum 20-4, dated Aug. 6, 1956.  
 Lateral Loading - Soil pressure of 40 lbs. per cu. ft. equivalent fluid pressure.  
 Working Stresses - Structural Steel  $f_s = 18,000$  p.s.i.  
 Reinforcing Steel  $f_s = 24,000$  p.s.i.  
 Reinforced Concrete without earth pressure  $f_c = 1400$  p.s.i.  
 Reinforced Concrete with earth pressure  $f_c = 800$  p.s.i.  
 Bearing on Soil - Sub-piers under Bents = 12,000 p.s.f.  
 Bearing on Soil - Sub-piers under Retaining Walls = 6,000 p.s.f.

The following notes apply to sheets 5-1 to 5-31 inclusive. These notes will be supplemented by additional notes as the individual sheets may require.  
 No construction joints except those shown on the plans will be allowed unless otherwise ordered by the Engineer.  
 All exposed edges of concrete shall be chamfered  $\frac{3}{8}$  inch unless otherwise shown on plans.  
 Concrete surf'cs shall be finished in accordance with specifications. Unless otherwise shown on plans or ordered in writing by the Engineer, spliced bars in the bottom of slabs, beams and girders and in walls, columns and haunches shall be lapped 24 diameters; bars near the top of slabs, beams and girders having more than 12 inches of concrete under the bars shall be lapped 35 diameters where applied.  
 All other reinforcing bar details shall be in accordance with the "Manual of Standard Practice for Detailing Reinforced Concrete Structures", issued by the American Concrete Institute.  
 For material and designation of Reinforcing Steel, see Specifications.  
 For material and designation of Structural Steel, see Specifications.  
 Rivets  $\frac{3}{4}$ " - Holes  $\frac{7}{8}$ " unless otherwise shown.  
 High Tension Bolts may be used in lieu of Rivets for all field connections.  
 For welding see specifications. All welds shall be  $\frac{3}{8}$ " continuous fillet unless otherwise noted.  
 All dimensions and elevations given to existing structures shall be verified by the Contractor in the field.

**STRUCTURAL ITEMS:-**

- Item 5 Class X Concrete
- Item 6 Reinforcement Bars
- Item 8 Structural Steel
- Item 9 Sub-pier Shafts
- Item 10 Sub-pier Bells

IN CHARGE Edmund J. ...  
 DESIGNED BY E.B. - M.R.  
 DRAWN BY L.H. Pohl  
 CHECKED BY G. ...  
 APPROVED BY J.H. ...

FILE NAME: p:\v161749-P\INT-accomline.local\AECOM\_DS02\_NAYDocuments\01\_Americas\Transportation\60269938\_CirclePhase\_I\000\_CAD\008\_Structural\Structure\_016-1718\Existing\_Plans\33906-60X93-SXX-Existing701



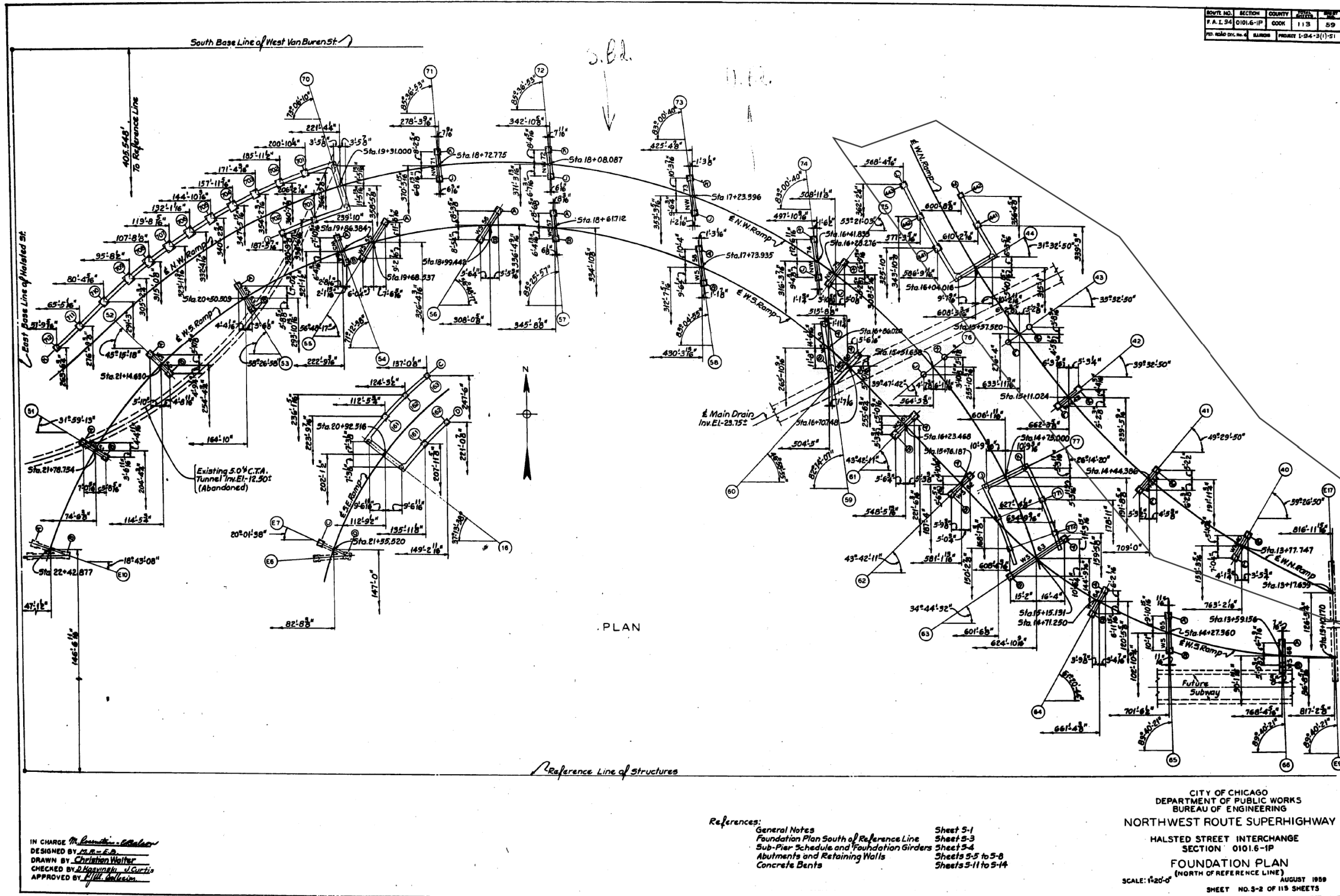
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EXISTING RECORD DRAWINGS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1930
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

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ROUTE NO.	SECTION	COUNTY	DATE	SHEET
F.A.I. 34	0101.6-1P	COOK	113	59
FED. ROAD DIV. NO. 4	BARROWS	PROJECT	1-94-3(1)-51	

IN CHARGE *M. Curtis*  
 DESIGNED BY *C.A. S. S.*  
 DRAWN BY *Christian Walter*  
 CHECKED BY *D. K. ...*  
 APPROVED BY *M. Curtis*

- References:
- General Notes Sheet 5-1
  - Foundation Plan South of Reference Line Sheet 5-3
  - Sub-Pier Schedule and Foundation Girders Sheet 5-4
  - Abutments and Retaining Walls Sheets 5-5 to 5-8
  - Concrete Bents Sheets 5-11 to 5-14

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**NORTHWEST ROUTE SUPERHIGHWAY**  
 HALSTED STREET INTERCHANGE  
 SECTION 0101.6-1P  
**FOUNDATION PLAN**  
 (NORTH OF REFERENCE LINE)  
 SCALE: 1"=20'-0"  
 AUGUST 1959  
 SHEET NO. 3-2 OF 119 SHEETS

FILE NAME: DWG:\1617479-PWINT-aecom\online.local\AECOM\_DS02\_NAYDocuments\01\_Americas\Transportation\60269938\_CirclePhase\_1\000\_CAD\008\_Structural\Plans\0160461\_20-60X93-Sxx-Existing655



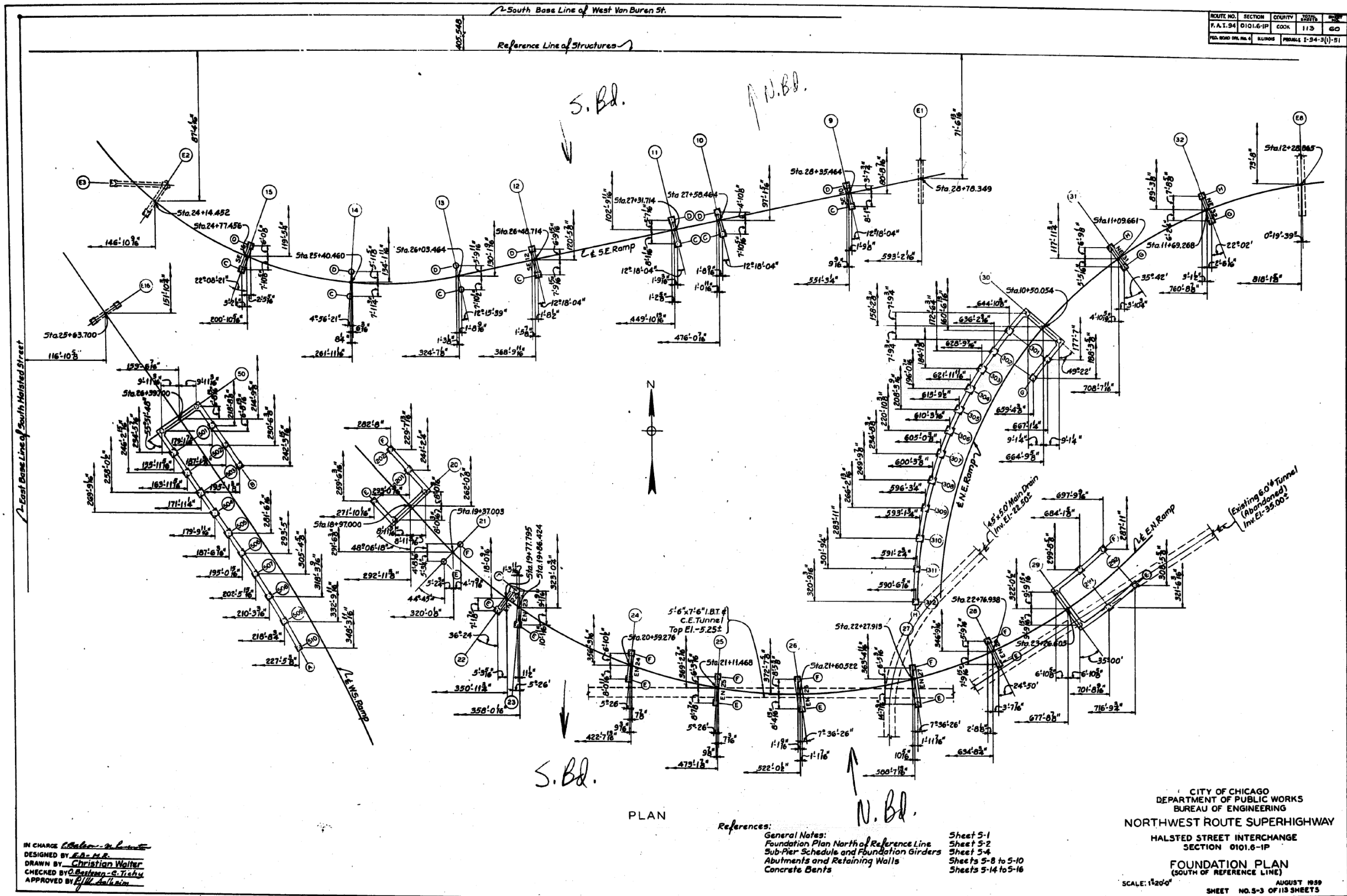
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EXISTING RECORD DRAWINGS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1931
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

# FOR INFORMATION ONLY



IN CHARGE *Christian Walter*  
 DESIGNED BY *E.A. H.R.*  
 DRAWN BY *Christian Walter*  
 CHECKED BY *Christian S. Tichu*  
 APPROVED BY *E.A. H.R.*

References:  
 General Notes:  
 Foundation Plan North of Reference Line  
 Sub-Pier Schedule and Foundation Girders  
 Abutments and Retaining Walls  
 Concrete Bents

SHEET NO. 3 OF 113 SHEETS

CITY OF CHICAGO  
 DEPARTMENT OF PUBLIC WORKS  
 BUREAU OF ENGINEERING  
 NORTHWEST ROUTE SUPERHIGHWAY  
 HALSTED STREET INTERCHANGE  
 SECTION 0101.6-1P  
 FOUNDATION PLAN  
 (SOUTH OF REFERENCE LINE)  
 SCALE: 1/200'  
 AUGUST 1959  
 SHEET NO. 3 OF 113 SHEETS

FILE NAME: DWG:\61749-PWINT-aecom\online\local\AECOM\_DS02\_NAY\Documents\01\_Americas\Transportation\60269938\_Circle\Phase\_II\000\_CAD\008\_Structural\Structure\_016-1718\Existing\_Plans\0160461\_20-60X93-Sxx-Existing657



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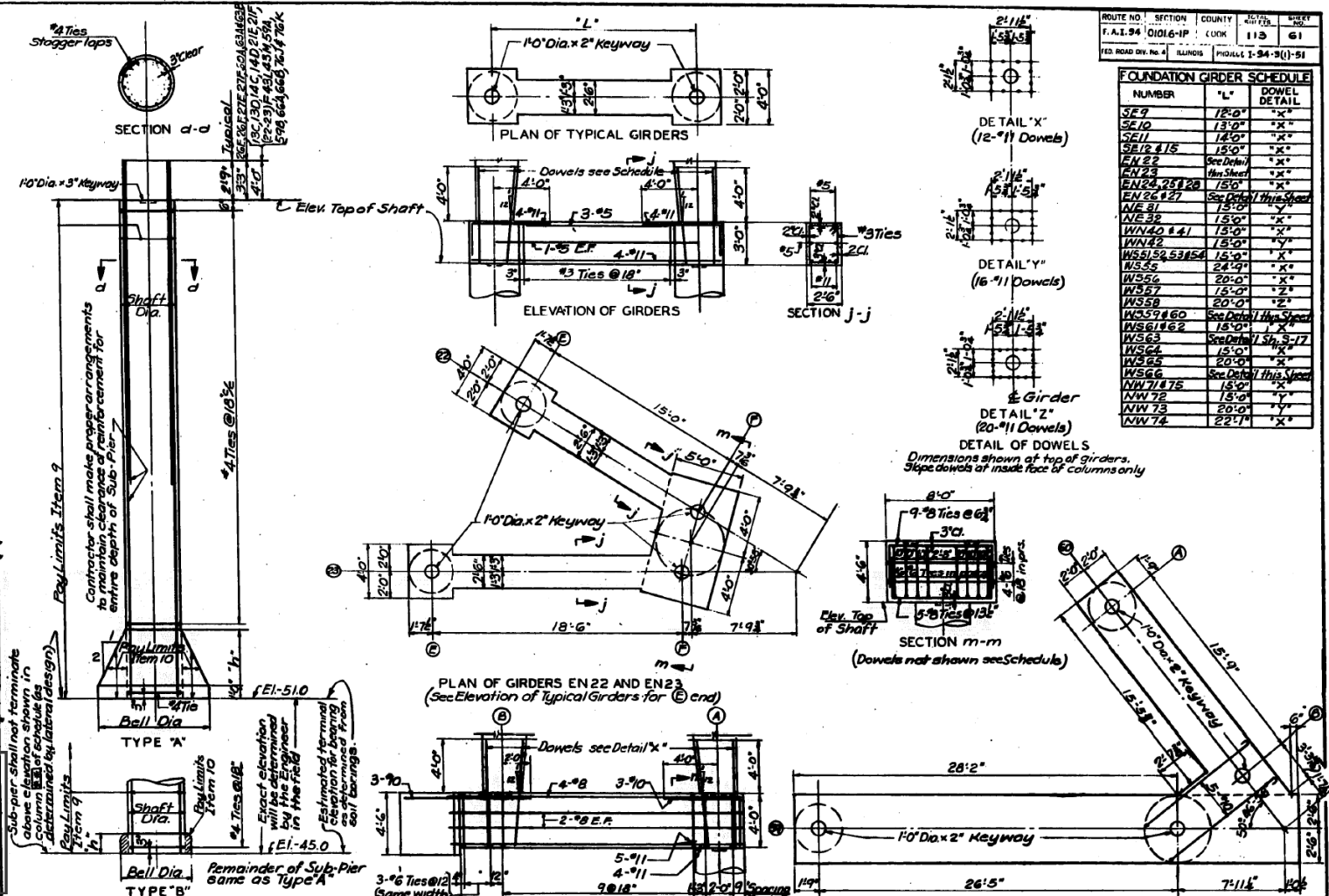
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90/94/290	2014-013R&B-R	COOK	1972	1932
CONTRACT NO. 60X93				

ILLINOIS FED. AID PROJECT



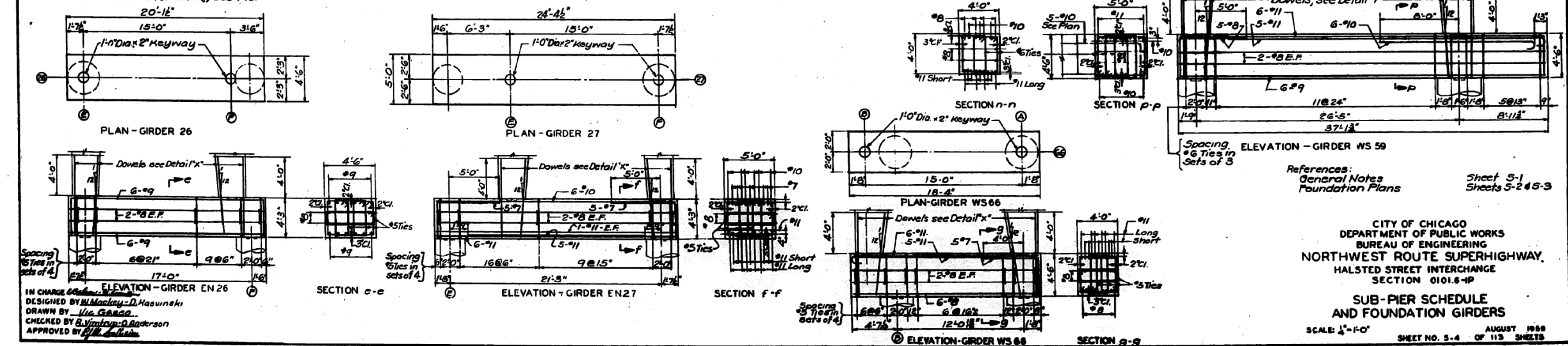
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NUMBER	SHAFT DIA	ELEVATION	BELL DIA	TYPE	REINFORCEMENT	NUMBER	SHAFT DIA	ELEVATION	BELL DIA	TYPE	REINFORCEMENT						
201A	31.0	1225	48.0	6.3	3.0	A	5-9	10-10-28-20	201B	31.0	1225	48.0	6.3	3.0	A	5-9	10-10-28-20
201C	31.0	1225	48.0	6.3	3.0	B	5-9	10-10-28-20	201D	31.0	1225	48.0	6.3	3.0	B	5-9	10-10-28-20
201E	31.0	1225	48.0	6.3	3.0	C	5-9	10-10-28-20	201F	31.0	1225	48.0	6.3	3.0	C	5-9	10-10-28-20
201G	31.0	1225	48.0	6.3	3.0	D	5-9	10-10-28-20	201H	31.0	1225	48.0	6.3	3.0	D	5-9	10-10-28-20
201I	31.0	1225	48.0	6.3	3.0	E	5-9	10-10-28-20	201J	31.0	1225	48.0	6.3	3.0	E	5-9	10-10-28-20
201K	31.0	1225	48.0	6.3	3.0	F	5-9	10-10-28-20	201L	31.0	1225	48.0	6.3	3.0	F	5-9	10-10-28-20
201M	31.0	1225	48.0	6.3	3.0	G	5-9	10-10-28-20	201N	31.0	1225	48.0	6.3	3.0	G	5-9	10-10-28-20
201O	31.0	1225	48.0	6.3	3.0	H	5-9	10-10-28-20	201P	31.0	1225	48.0	6.3	3.0	H	5-9	10-10-28-20
201Q	31.0	1225	48.0	6.3	3.0	I	5-9	10-10-28-20	201R	31.0	1225	48.0	6.3	3.0	I	5-9	10-10-28-20
201S	31.0	1225	48.0	6.3	3.0	J	5-9	10-10-28-20	201T	31.0	1225	48.0	6.3	3.0	J	5-9	10-10-28-20
201U	31.0	1225	48.0	6.3	3.0	K	5-9	10-10-28-20	201V	31.0	1225	48.0	6.3	3.0	K	5-9	10-10-28-20
201W	31.0	1225	48.0	6.3	3.0	L	5-9	10-10-28-20	201X	31.0	1225	48.0	6.3	3.0	L	5-9	10-10-28-20
201Y	31.0	1225	48.0	6.3	3.0	M	5-9	10-10-28-20	201Z	31.0	1225	48.0	6.3	3.0	M	5-9	10-10-28-20
201AA	31.0	1225	48.0	6.3	3.0	N	5-9	10-10-28-20	201AB	31.0	1225	48.0	6.3	3.0	N	5-9	10-10-28-20
201AC	31.0	1225	48.0	6.3	3.0	O	5-9	10-10-28-20	201AD	31.0	1225	48.0	6.3	3.0	O	5-9	10-10-28-20
201AE	31.0	1225	48.0	6.3	3.0	P	5-9	10-10-28-20	201AF	31.0	1225	48.0	6.3	3.0	P	5-9	10-10-28-20
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201AU	31.0	1225	48.0	6.3	3.0	X	5-9	10-10-28-20	201AV	31.0	1225	48.0	6.3	3.0	X	5-9	10-10-28-20
201AW	31.0	1225	48.0	6.3	3.0	Y	5-9	10-10-28-20	201AX	31.0	1225	48.0	6.3	3.0	Y	5-9	10-10-28-20
201AY	31.0	1225	48.0	6.3	3.0	Z	5-9	10-10-28-20	201AZ	31.0	1225	48.0	6.3	3.0	Z	5-9	10-10-28-20



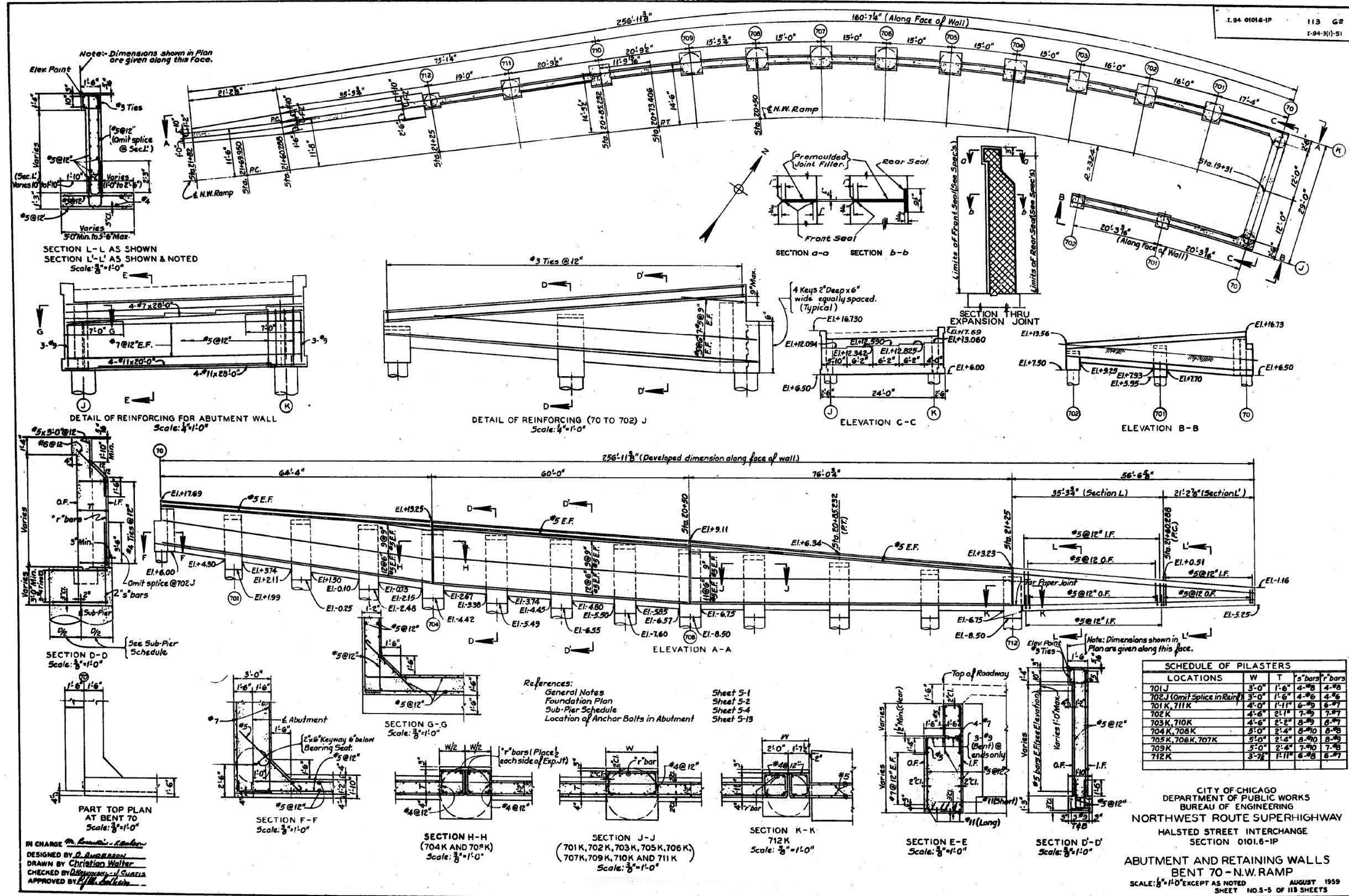
NUMBER	L'	DOWEL DETAIL
SE9	15'0"	"X"
SE10	13'0"	"X"
SE11	14'0"	"X"
SE12 & 15	15'0"	"X"
EN22	Sec Detail	"X"
EN23	15'0"	"X"
EN24, 25 & 26	15'0"	"X"
EN26 & 27	See Detail on this sheet	"X"
EN31	15'0"	"X"
EN32	15'0"	"X"
EN33	15'0"	"X"
EN34	20'0"	"X"
EN35	20'0"	"X"
EN36	20'0"	"X"
EN37	15'0"	"X"
EN38	20'0"	"X"
EN39	20'0"	"X"
EN40	20'0"	"X"
EN41	15'0"	"X"
EN42	15'0"	"X"
EN43 & 44	15'0"	"X"
EN45	20'0"	"X"
EN46 & 47	20'0"	"X"
EN48	20'0"	"X"
EN49	20'0"	"X"
EN50	20'0"	"X"
EN51 & 52	See Detail on this sheet	"X"
EN53	20'0"	"X"
EN54	15'0"	"X"
EN55	24'0"	"X"
EN56	20'0"	"X"
EN57	15'0"	"X"
EN58	20'0"	"X"
EN59	20'0"	"X"
EN60	See Detail on this sheet	"X"
EN61 & 62	15'0"	"X"
EN63	See Detail on this sheet	"X"
EN64	15'0"	"X"
EN65	20'0"	"X"
EN66	20'0"	"X"
EN67 & 68	See Detail on this sheet	"X"
EN69	15'0"	"X"
EN70	15'0"	"X"
EN71	20'0"	"X"
EN72	20'0"	"X"
EN73	20'0"	"X"
EN74	22'0"	"X"

Note: All Type A Sub-Piers shall rest on soil capable of supporting 12,000/sq ft. All Type B Sub-Piers shall rest on soil capable of supporting 6,000/sq ft. Reinforcement is for one (1) Sub-Pier.



References: General Notes, Foundation Plans, Sheet 5-1, Sheets 5-2 & 5-3.  
CITY OF CHICAGO  
DEPARTMENT OF PUBLIC WORKS  
BUREAU OF ENGINEERING  
NORTHWEST ROUTE SUPERHIGHWAY,  
HALSTED STREET INTERCHANGE  
SECTION 0101.6-1P  
SUB-PIER SCHEDULE  
AND FOUNDATION GIRDERS  
SCALE: 1/4"=1'-0"  
AUGUST 1989  
SHEET NO. 5-4 OF 113 SHEETS

# FOR INFORMATION ONLY



**SCHEDULE OF PILASTERS**

LOCATIONS	W	T	5" bars	7" bars
701 J	3'-0"	1'-6"	4-#8	4-#8
702 J (Omit Splice in Rein)	3'-0"	1'-6"	4-#8	4-#8
701 K, 711 K	4'-0"	1'-11"	6-#8	6-#8
702 K	4'-6"	2'-11"	7-#8	7-#8
703 K, 710 K	4'-6"	2'-5"	8-#8	8-#8
704 K, 708 K	5'-0"	2'-4"	8-#8	8-#8
705 K, 706 K, 707 K	5'-0"	2'-4"	8-#8	8-#8
709 K	5'-0"	2'-4"	7-#8	7-#8
712 K	3'-7"	1'-11"	6-#8	6-#8

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NORTHWEST ROUTE SUPERHIGHWAY  
HALSTED STREET INTERCHANGE  
SECTION 0101.6-1P  
ABUTMENT AND RETAINING WALLS  
BENT 70 - N.W. RAMP  
SCALE: 3/8"=1'-0" EXCEPT AS NOTED  
AUGUST 1959  
SHEET NO. 5-3 OF 113 SHEETS

IN CHARGE *W. R. ...*  
DESIGNED BY *D. ...*  
DRAWN BY *Christian Walter*  
CHECKED BY *D. ...*  
APPROVED BY *P. ...*

References:  
General Notes  
Foundation Plan  
Sub-Pier Schedule  
Location of Anchor Bolts in Abutment

Sheet 5-1  
Sheet 5-2  
Sheet 5-4  
Sheet 5-13

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DEPARTMENT OF TRANSPORTATION

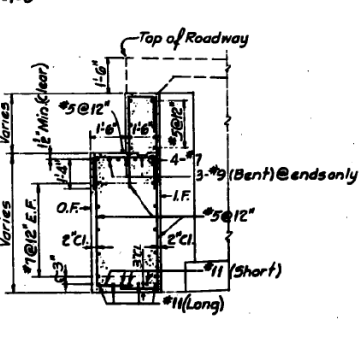
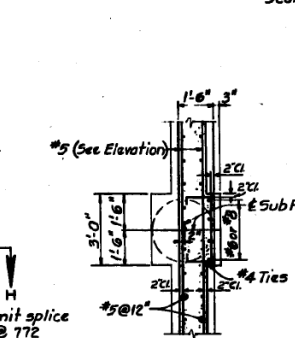
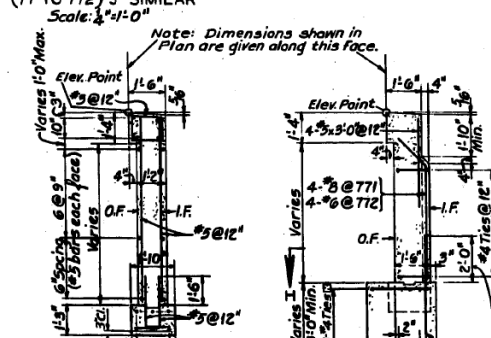
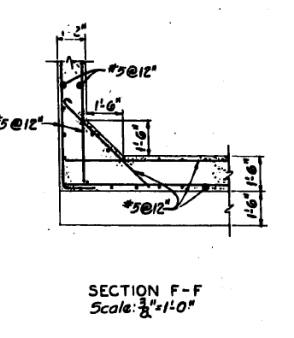
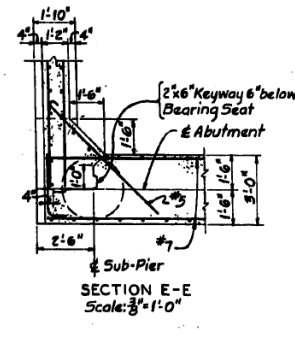
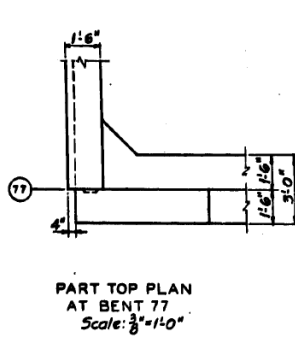
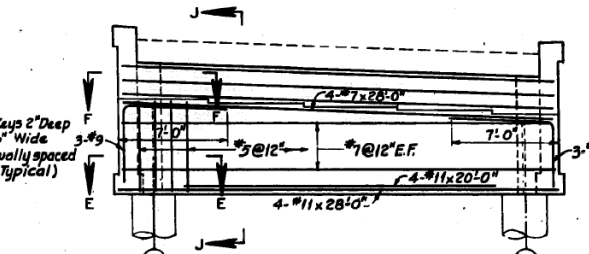
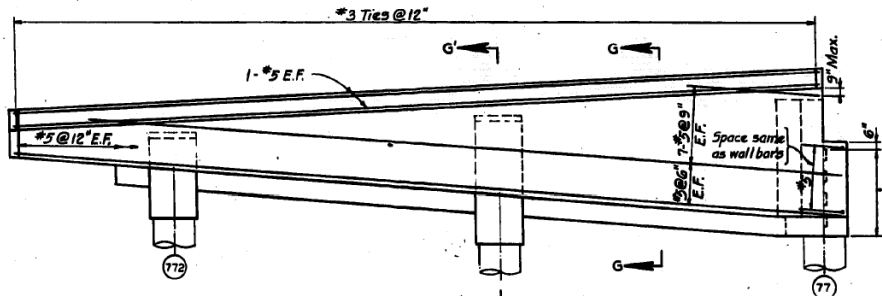
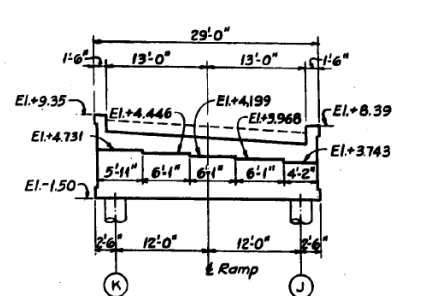
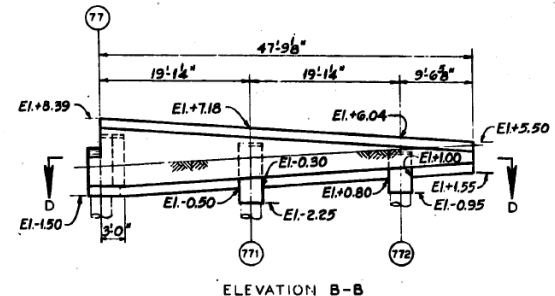
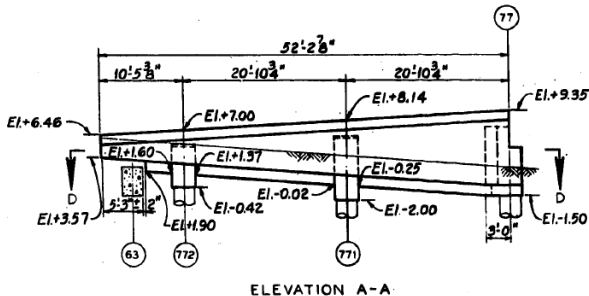
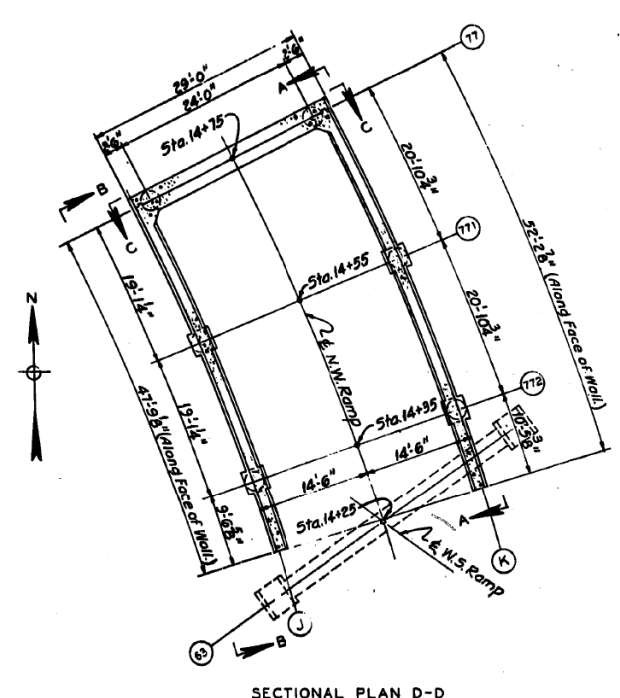
EXISTING RECORD DRAWINGS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1934

CONTRACT NO. 60X93  
ILLINOIS FED. AID PROJECT

# FOR INFORMATION ONLY

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET
F.A. 1-94	0101.6-1P	COOK	113	63
PER. ROAD DIV. NO. 4	ILLINOIS	PROJECT 1-94-3(1)-51		



IN CHARGE *Abutment - galam*  
DESIGNED BY *P. Koushki*  
DRAWN BY *Christian Hoffer*  
CHECKED BY *George S. Swanson*  
APPROVED BY *MI, MAI*

References:  
General Notes  
Foundation Plan  
Sub-Pier Schedule  
Location of Anchor Bolts in Abutment

Sheet 5-1  
Sheet 5-2  
Sheet 5-4  
Sheet 5-13

CITY OF CHICAGO  
DEPARTMENT OF PUBLIC WORKS  
BUREAU OF ENGINEERING  
NORTHWEST ROUTE SUPERHIGHWAY  
HALSTED STREET INTERCHANGE  
SECTION 0101.6-1P  
ABUTMENT AND RETAINING WALLS  
BENT 77-N.W. RAMP  
SCALE: 1/8" = 1'-0" EXCEPT AS NOTED  
AUGUST 1999  
SHEET NO. 5-B OF 113 SHEETS



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DEPARTMENT OF TRANSPORTATION

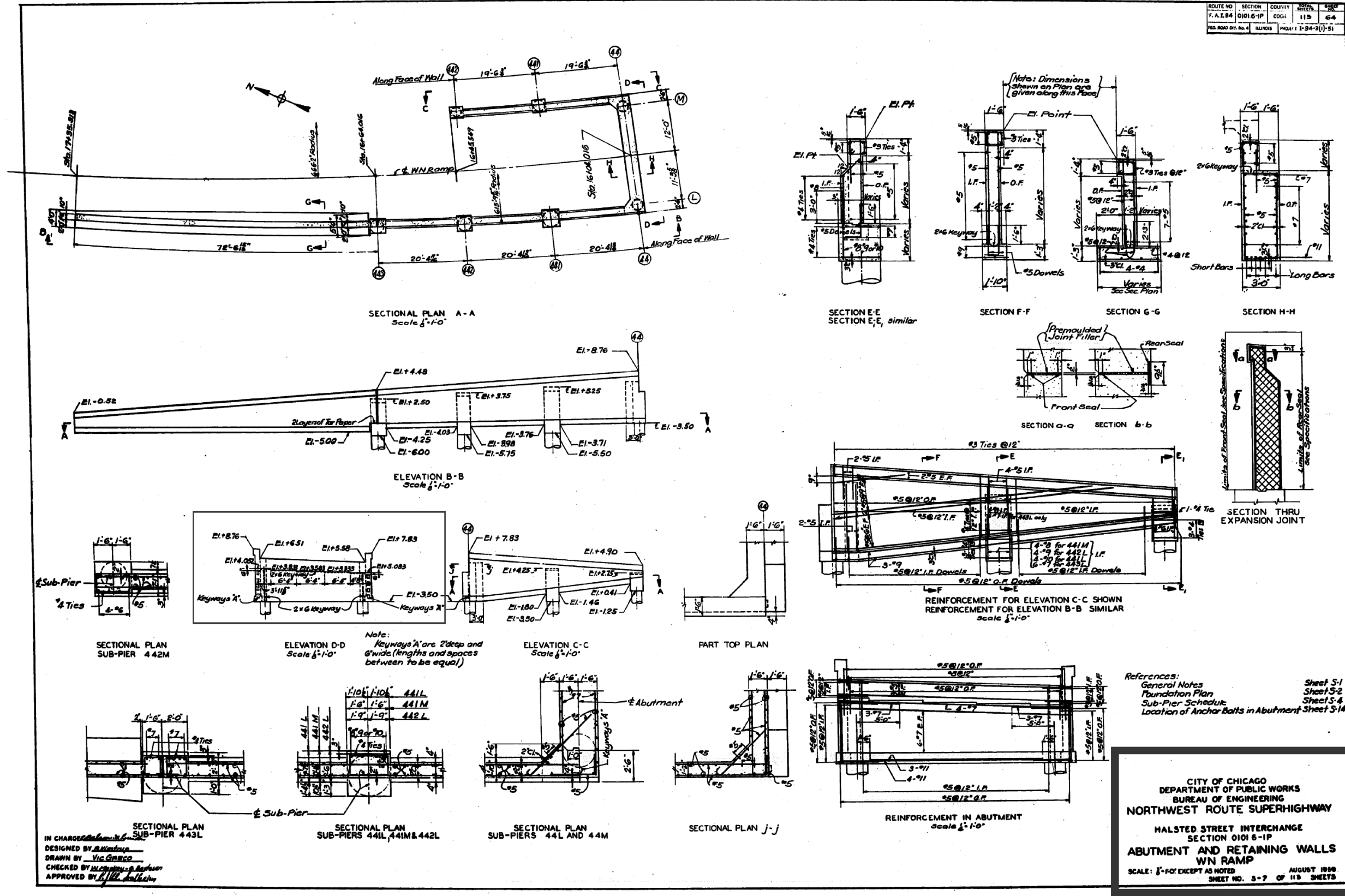
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CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

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# FOR INFORMATION ONLY

ROUTE NO.	SECTION	COUNTY	SHEET
7. A. I. 34	0101.6-1P	COOK	113
FED. ROAD DIST. NO.	ILLINOIS	POST 1	7-34-3(1)-51



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APPROVED BY: *[Signature]*

**CITY OF CHICAGO**  
**DEPARTMENT OF PUBLIC WORKS**  
**BUREAU OF ENGINEERING**  
**NORTHWEST ROUTE SUPERHIGHWAY**  
**HALSTED STREET INTERCHANGE**  
**SECTION 0101.6-1P**  
**ABUTMENT AND RETAINING WALLS**  
**WN RAMP**  
SCALE: 1/4"=1'-0" EXCEPT AS NOTED  
AUGUST 1990  
SHEET NO. 3-7 OF 113 SHEETS

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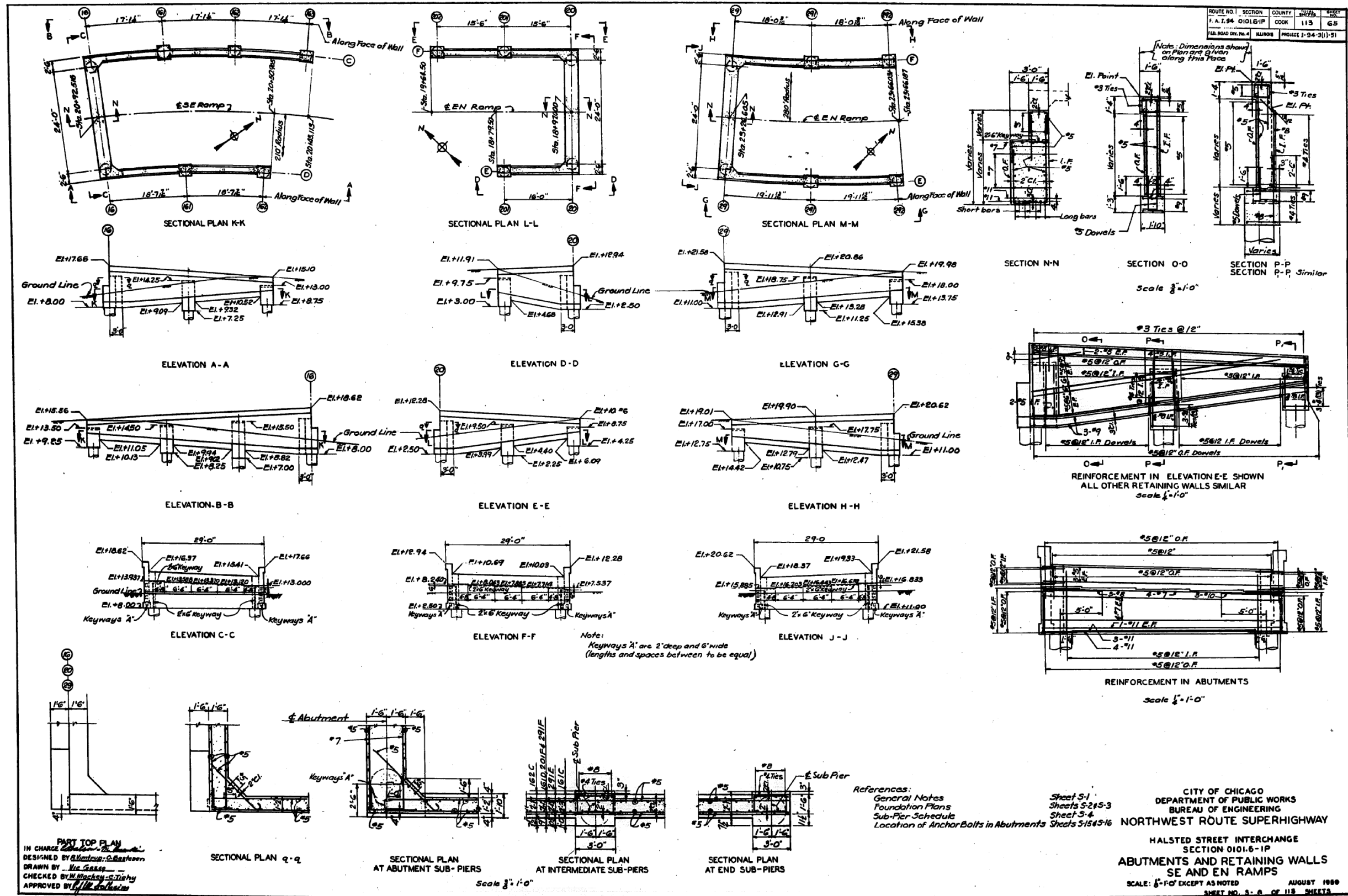
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DEPARTMENT OF TRANSPORTATION

EXISTING RECORD DRAWINGS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1936
CONTRACT NO. 60X93				

ILLINOIS FED. AID PROJECT

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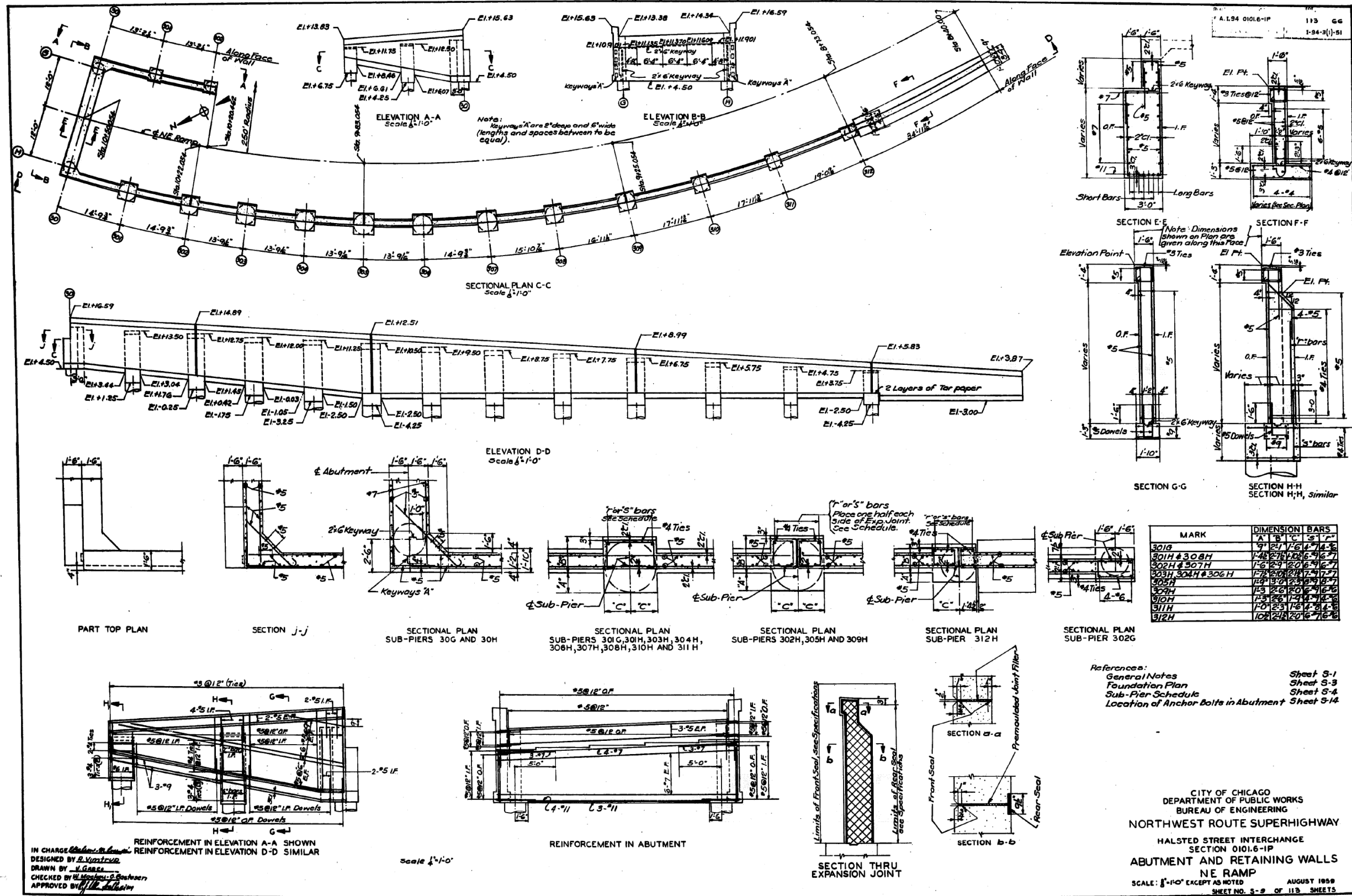
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DEPARTMENT OF TRANSPORTATION

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CONTRACT NO. 60X93				

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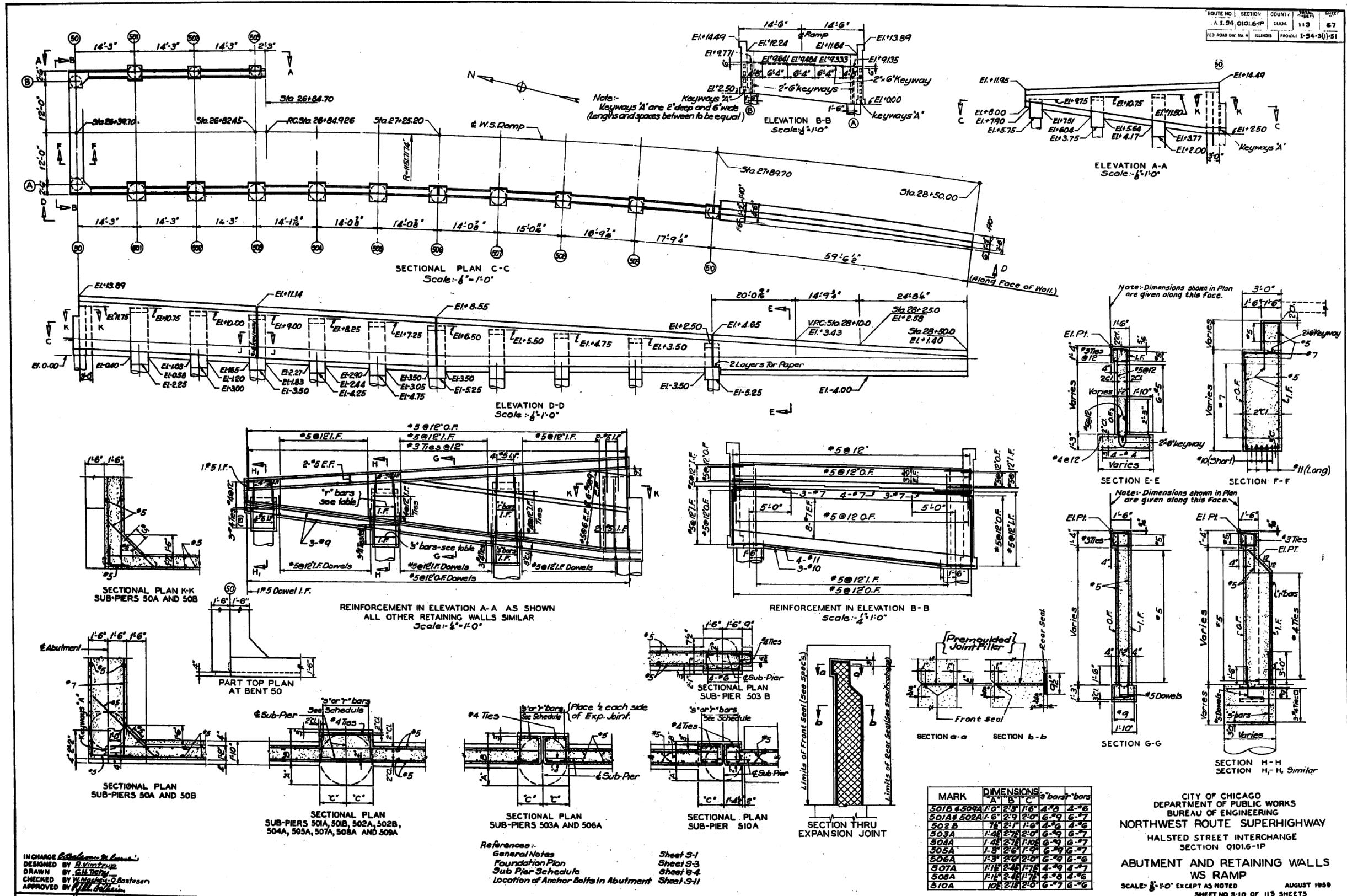
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

EXISTING RECORD DRAWINGS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1938
CONTRACT NO. 60X93				

ILLINOIS FED. AID PROJECT

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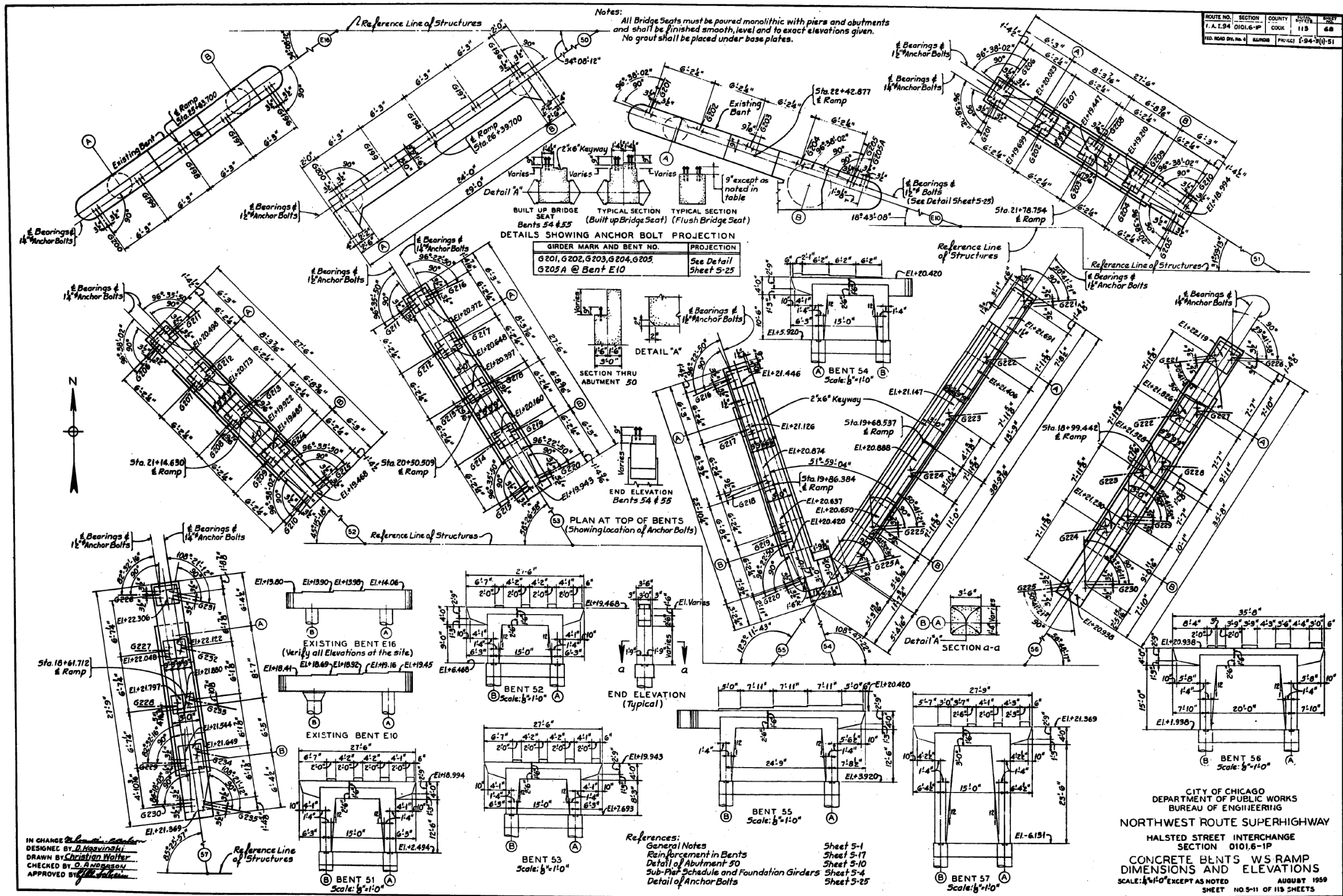
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 DEPARTMENT OF TRANSPORTATION

EXISTING RECORD DRAWINGS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1939
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

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ROUTE NO.	SECTION	COUNTY	SHEET	SHEET
F. A. I. 94	0101.6-1P	COOK	113	68
FED. ROAD DIV. No. 4	HAPOB	PROJ. NO. 1-94-3(1)-51		

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DRAWN BY: *[Signature]*  
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APPROVED BY: *[Signature]*

CITY OF CHICAGO  
DEPARTMENT OF PUBLIC WORKS  
BUREAU OF ENGINEERING  
NORTHWEST ROUTE SUPERHIGHWAY  
HALSTED STREET INTERCHANGE  
SECTION 0101.6-1P  
CONCRETE BENTS WS RAMP  
DIMENSIONS AND ELEVATIONS  
SCALE: 1/4" = 1'-0" EXCEPT AS NOTED  
AUGUST 1959  
SHEET NO. 5-11 OF 115 SHEETS



USER NAME	DESIGNED	REVISOR
ahmad,issa	-	-
CHECKED	DRAWN	REVISOR
-	-	-
REVISION	DATE	BY
-	-	-

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EXISTING RECORD DRAWINGS

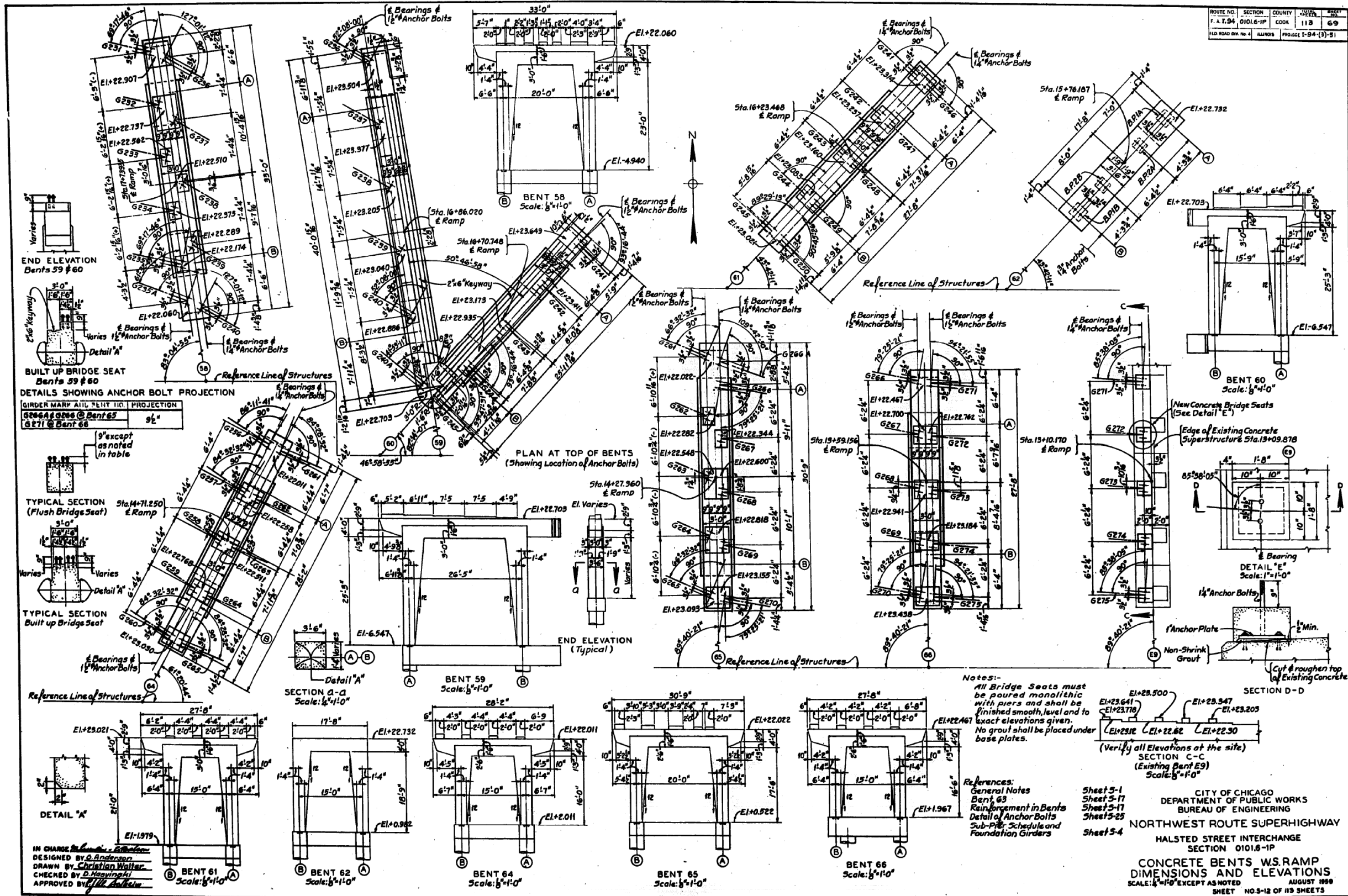
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1940

CONTRACT NO. 60X93

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ROUTE NO.	SECTION	COUNTY	SHEET
F. A. I. 94	0101.6-1P	COOK	113
FILED ROAD DIST. NO.	BLANK	PROJECT	1-94-(3)-51

**Notes:**  
 All Bridge Seats must be poured monolithic with piers and shall be finished smooth, level and to exact elevations given. No grout shall be placed under base plates.

**References:**  
 General Notes  
 Bent 63  
 Reinforcement in Bents  
 Detail of Anchor Bolts  
 Sub-Pier Schedule and Foundation Girders

**Sheet 5-1**  
**Sheet 5-17**  
**Sheet 5-25**  
**Sheet 5-4**

**SECTION C-C (Existing Bent E9)**  
 Scale: 1/8"=1'-0"

**SECTION D-D**

**SECTION A-A**  
 Scale: 1/4"=1'-0"

**SECTION B-B**  
 Scale: 1/4"=1'-0"

**SECTION C-C (Existing Bent E9)**  
 Scale: 1/8"=1'-0"

**SECTION D-D**

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 DRAWN BY: *[Signature]*  
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 NORTHWEST ROUTE SUPERHIGHWAY  
 HALST STREET INTERCHANGE  
 SECTION 0101.6-1P  
 CONCRETE BENTS W.S.RAMP  
 DIMENSIONS AND ELEVATIONS  
 SCALE: 1/8"=1'-0" EXCEPT AS NOTED  
 AUGUST 1999  
 SHEET NO. 5-12 OF 113 SHEETS

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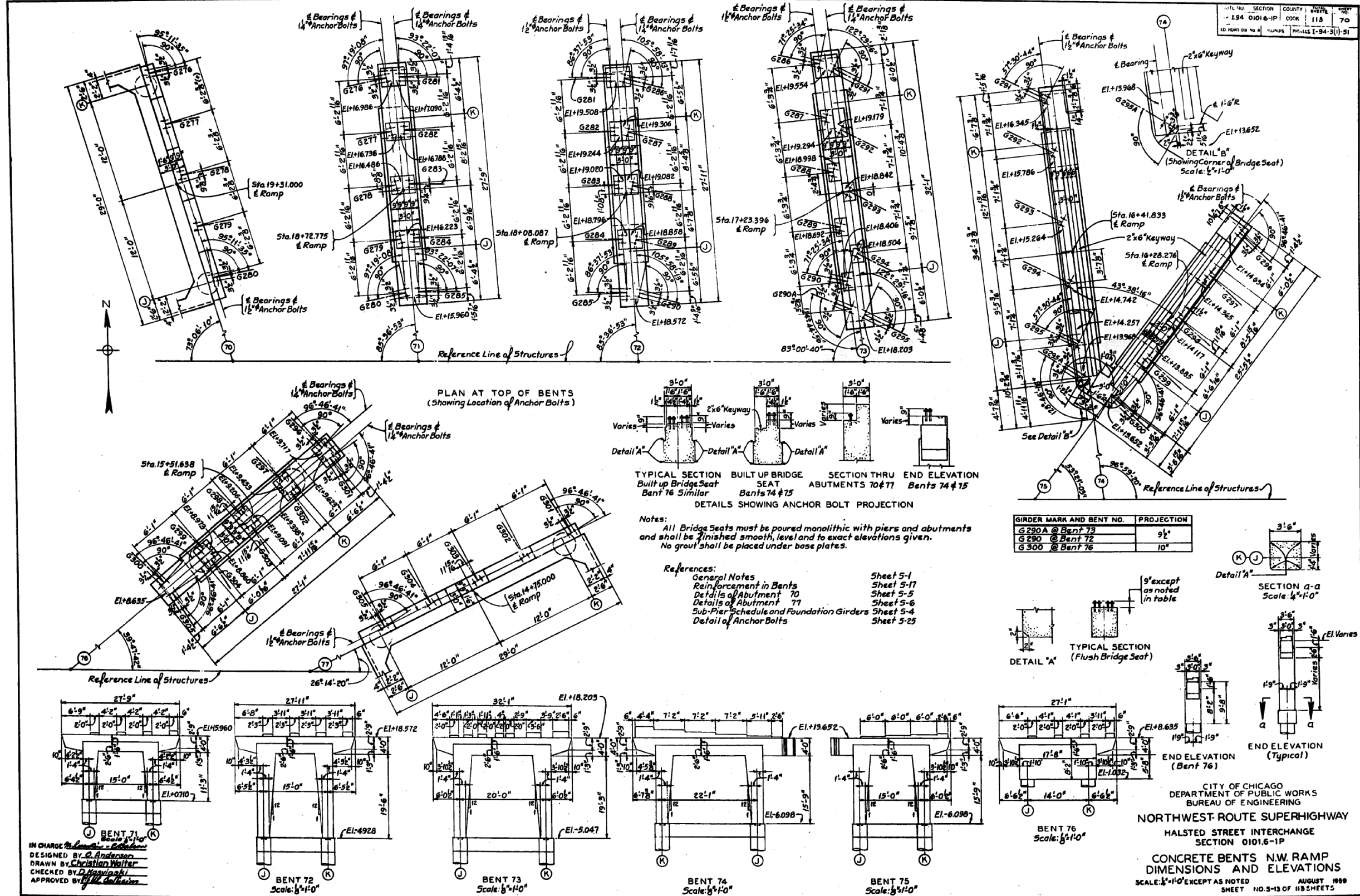
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

EXISTING RECORD DRAWINGS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1941
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

# FOR INFORMATION ONLY



FILE NAME: DWG:\617479-PWINT-accomonline.local\AECOM\_DS02\_NAYDocuments\01\_Americas\Transportation\60269938\_Circle\Phase\_I\000\_CAD\008\_Structural\Structure\_016-1718\Existing\_Plans\0160461\_20-60X93-Sxx-Existing667



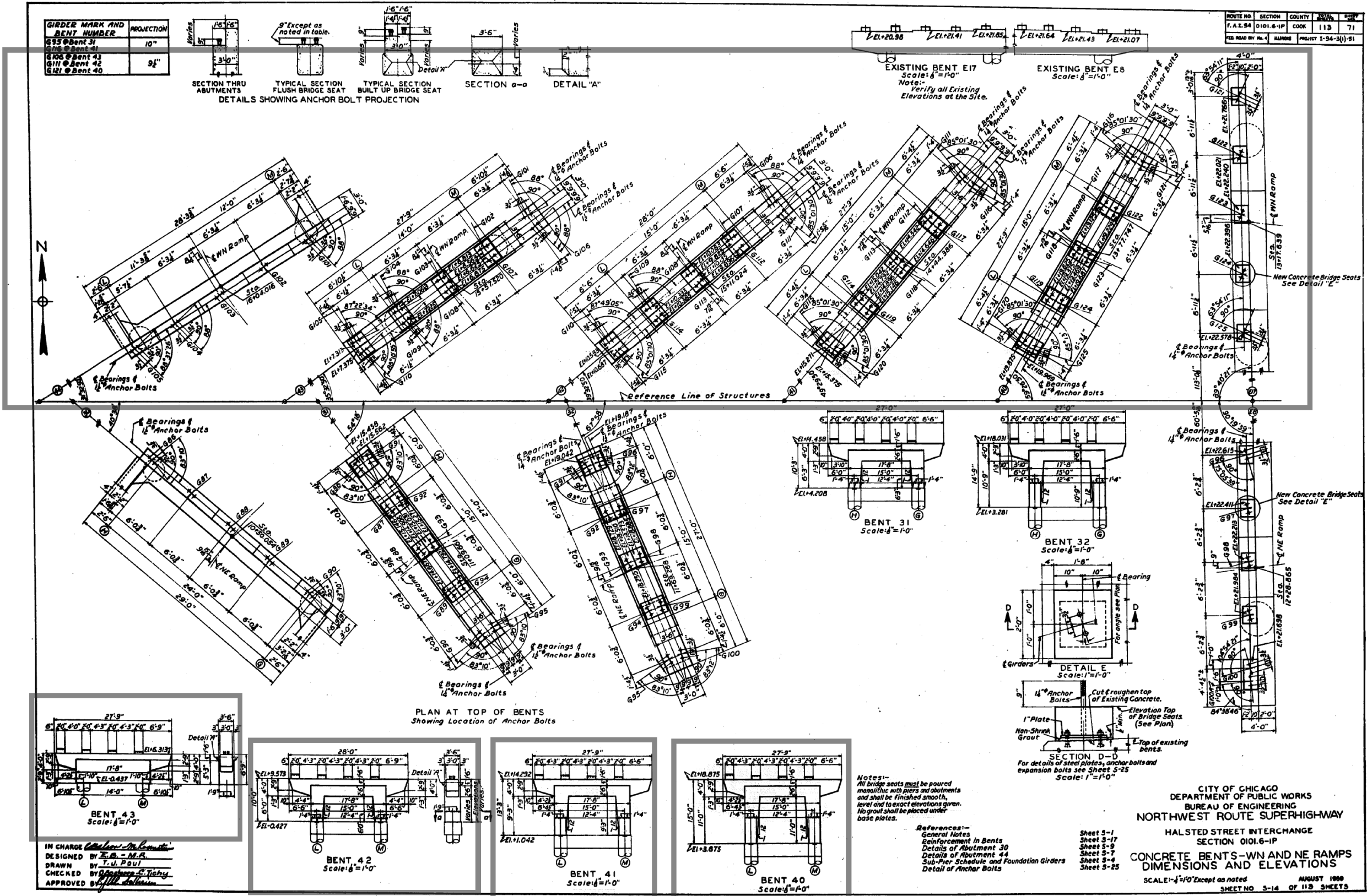
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

EXISTING RECORD DRAWINGS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1942
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

# FOR INFORMATION ONLY



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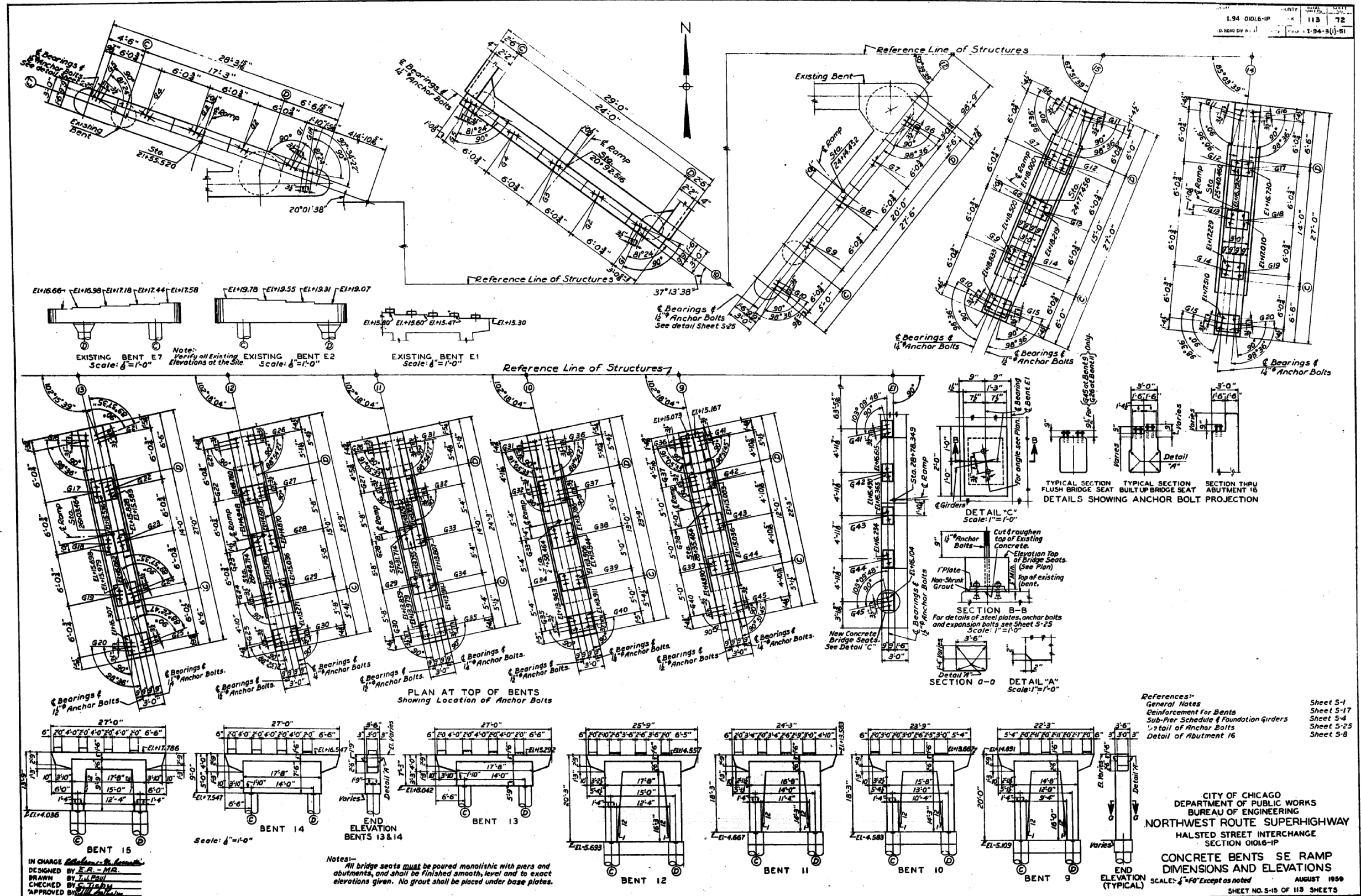
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		CHECKED -	MI, MAI	REVISED -	

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EXISTING RECORD DRAWINGS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1943
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

# FOR INFORMATION ONLY



IN CHARGE: *[Signature]*  
DESIGNED BY: E.R. - MR.  
DRAWN BY: J.L. PAUL  
CHECKED BY: S. J. BRYAN  
APPROVED BY: *[Signature]*

Note: All bridge seats must be poured monolithic with piers and abutments, and shall be finished smooth, level and to exact elevations given. No grout shall be placed under base plates.

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EXISTING RECORD DRAWINGS

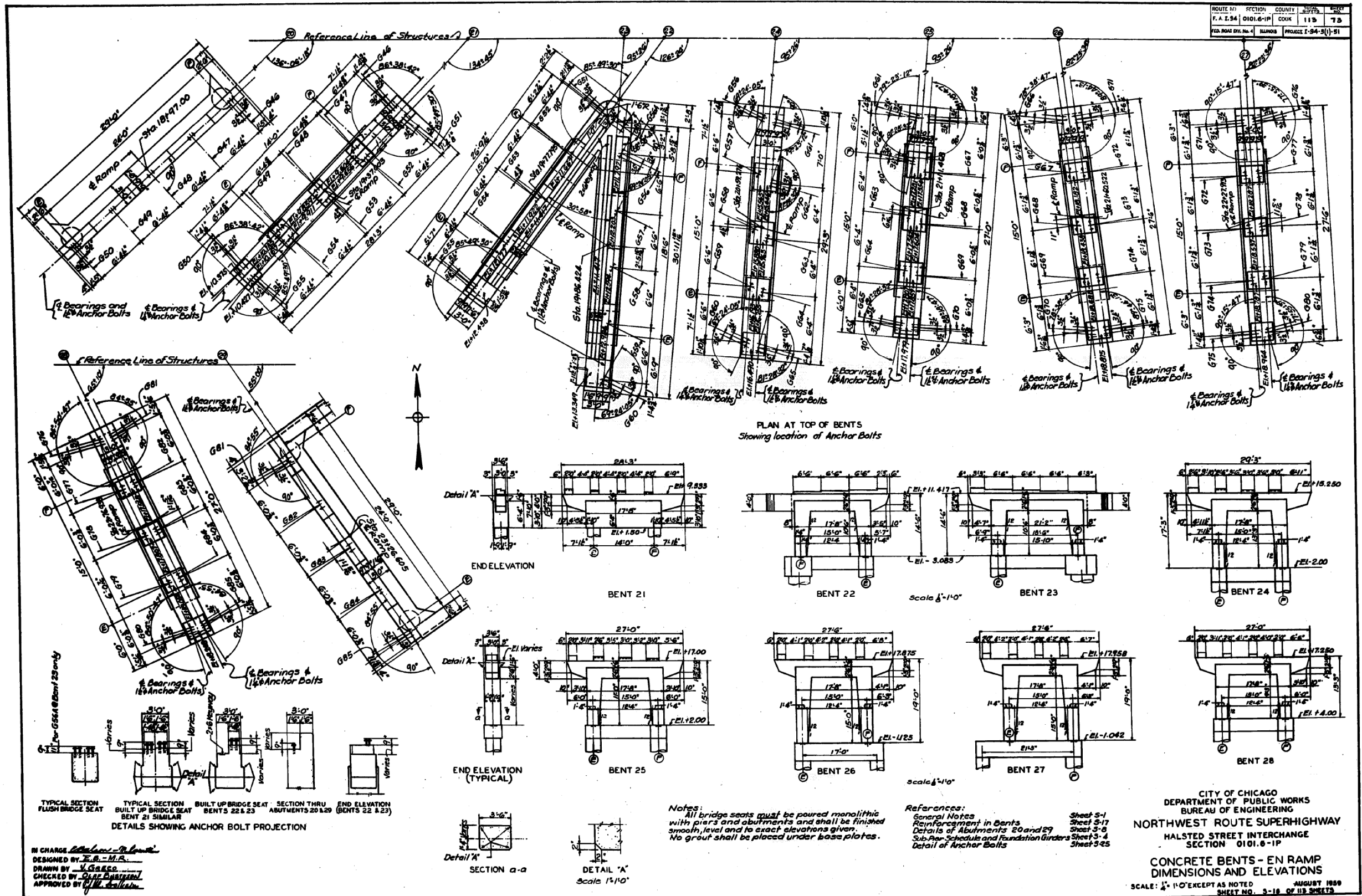
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		MI, MAI	REVISIONS -

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1944
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

**HBM**  
ENGINEERING GROUP, LLC

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# FOR INFORMATION ONLY



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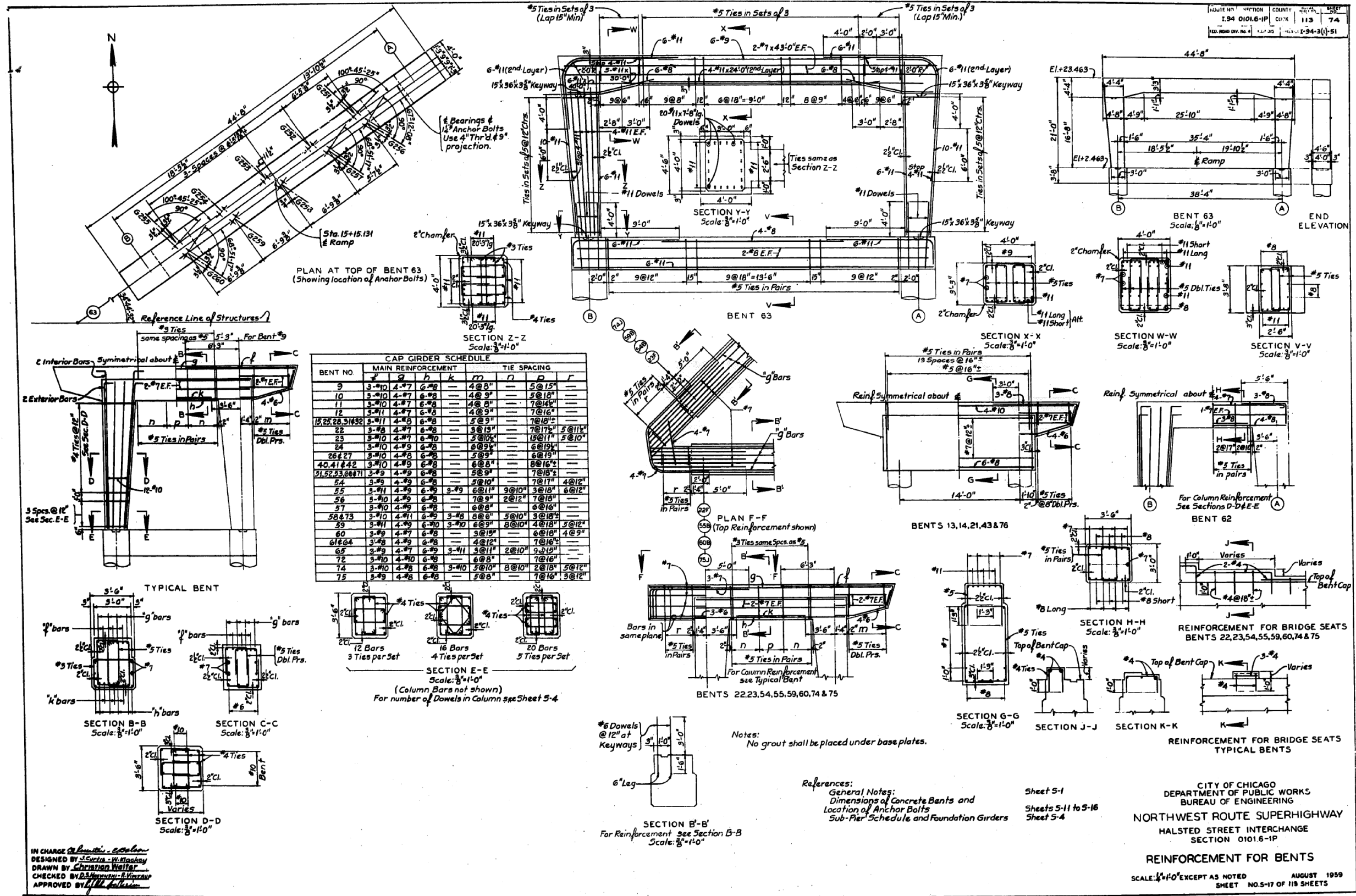
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EXISTING RECORD DRAWINGS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1945
CONTRACT NO. 60X93				

ILLINOIS FED. AID PROJECT

# FOR INFORMATION ONLY



FILE NAME: dw:\v1617479-PWINT-accomline.local\AECOM\_DS02\_NAYDocuments\01\_Americas\Transportation\60269938\_CirclePhase\_I\000\_CAD\008\_Structural\Structure\_016-1718\Existing\_Plans\0160461\_20-60X93-Sxx-Existing671



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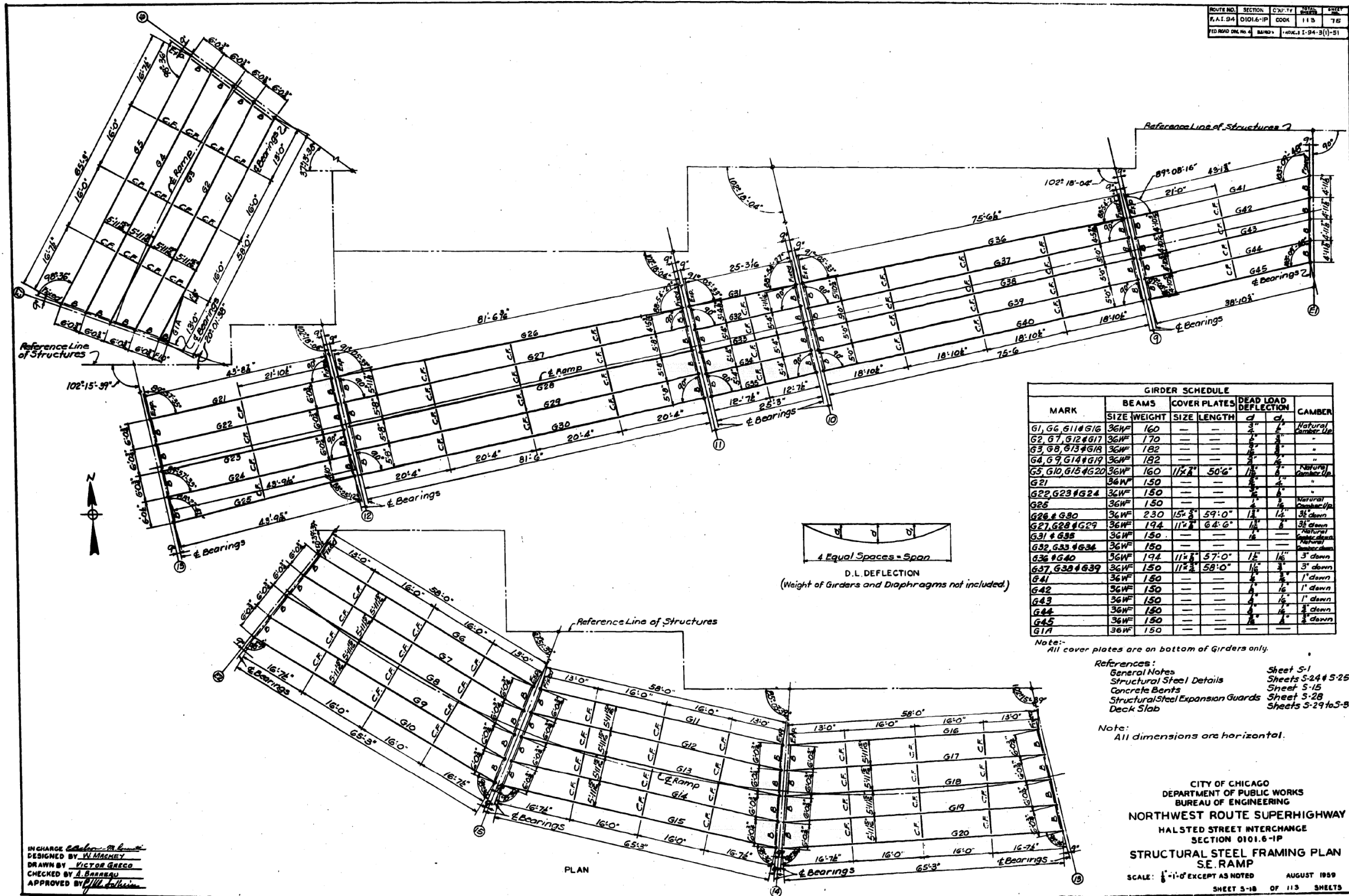
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EXISTING RECORD DRAWINGS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1946
			CONTRACT NO. 60X93	
		ILLINOIS FED. AID PROJECT		

CITY OF CHICAGO  
DEPARTMENT OF PUBLIC WORKS  
BUREAU OF ENGINEERING  
NORTHWEST ROUTE SUPERHIGHWAY  
HALSTED STREET INTERCHANGE  
SECTION 0101.6-1P  
REINFORCEMENT FOR BENTS  
SCALE: 3/8"=1'-0" EXCEPT AS NOTED  
SHEET NO. 5-17 OF 118 SHEETS

# FOR INFORMATION ONLY



IN CHARGE *Victor Greco*  
 DESIGNED BY *Victor Greco*  
 DRAWN BY *Victor Greco*  
 CHECKED BY *A. Serrano*  
 APPROVED BY *Victor Greco*

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

EXISTING RECORD DRAWINGS

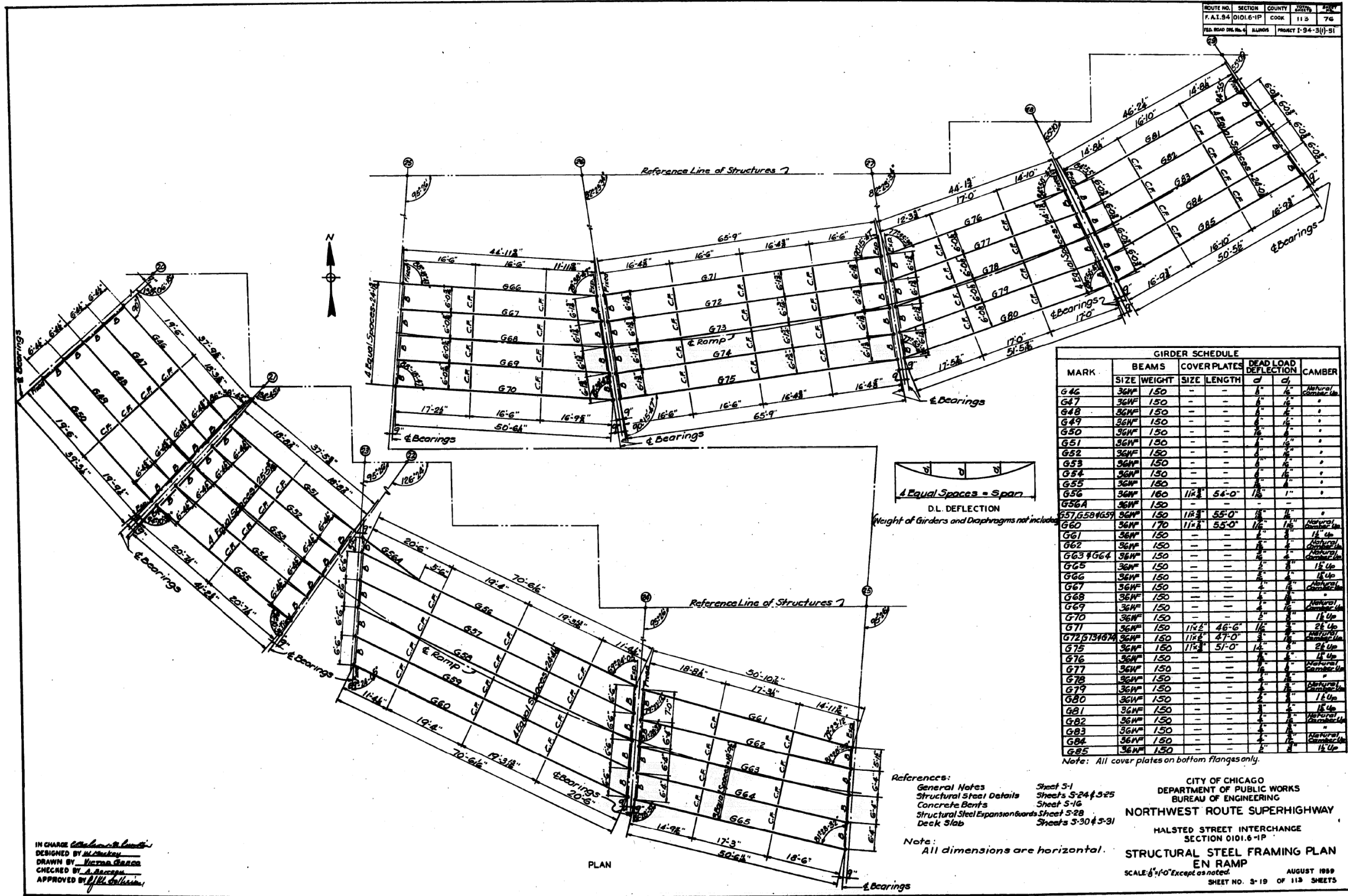
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1947
CONTRACT NO. 60X93				

**HBM**  
 ENGINEERING GROUP, LLC

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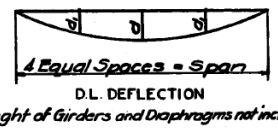
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# FOR INFORMATION ONLY



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 94	0101.6-1P	COOK	113	76
FED. ROAD DIST. NO.	ALIGNED	PROJECT	I-94-3(1)-91	

MARK	BEAMS		COVER PLATES		DEAD LOAD DEFLECTION		CAMBER
	SIZE	WEIGHT	SIZE	LENGTH	d <sub>1</sub>	d <sub>2</sub>	
G46	36W	150	-	-	1/2"	1/2"	Natural Camber Up
G47	36W	150	-	-	1/2"	1/2"	"
G48	36W	150	-	-	1/2"	1/2"	"
G49	36W	150	-	-	1/2"	1/2"	"
G50	36W	150	-	-	1/2"	1/2"	"
G51	36W	150	-	-	1/2"	1/2"	"
G52	36W	150	-	-	1/2"	1/2"	"
G53	36W	150	-	-	1/2"	1/2"	"
G54	36W	150	-	-	1/2"	1/2"	"
G55	36W	180	-	-	1/2"	1/2"	"
G56	36W	180	11x1/2"	54'-0"	1/2"	1/2"	"
G56A	36W	150	-	-	-	-	"
G57, G58, G59	36W	150	11x1/2"	55'-0"	1/2"	1/2"	Natural Camber Up
G60	36W	170	11x1/2"	55'-0"	1/2"	1/2"	Natural Camber Up
G61	36W	150	-	-	1/2"	1/2"	1/2" Up
G62	36W	150	-	-	1/2"	1/2"	Natural Camber Up
G63 & G64	36W	150	-	-	1/2"	1/2"	Natural Camber Up
G65	36W	150	-	-	1/2"	1/2"	1/2" Up
G66	36W	150	-	-	1/2"	1/2"	1/2" Up
G67	36W	150	-	-	1/2"	1/2"	Natural Camber Up
G68	36W	150	-	-	1/2"	1/2"	1/2" Up
G69	36W	150	-	-	1/2"	1/2"	Natural Camber Up
G70	36W	150	-	-	1/2"	1/2"	1/2" Up
G71	36W	150	11x1/2"	46'-6"	1/2"	1/2"	2/8" Up
G72, G73 & G74	36W	150	11x1/2"	47'-0"	1/2"	1/2"	Natural Camber Up
G75	36W	150	11x1/2"	51'-0"	1/2"	1/2"	2/8" Up
G76	36W	150	-	-	1/2"	1/2"	1/2" Up
G77	36W	150	-	-	1/2"	1/2"	Natural Camber Up
G78	36W	150	-	-	1/2"	1/2"	1/2" Up
G79	36W	150	-	-	1/2"	1/2"	Natural Camber Up
G80	36W	150	-	-	1/2"	1/2"	1/2" Up
G81	36W	150	-	-	1/2"	1/2"	1/2" Up
G82	36W	150	-	-	1/2"	1/2"	Natural Camber Up
G83	36W	150	-	-	1/2"	1/2"	1/2" Up
G84	36W	150	-	-	1/2"	1/2"	Natural Camber Up
G85	36W	150	-	-	1/2"	1/2"	1/2" Up



References:  
 General Notes Sheet 5-1  
 Structural Steel Details Sheets 5-24 & 5-25  
 Concrete Bents Sheet 5-16  
 Structural Steel Expansion Joints Sheet 5-28  
 Deck Slab Sheets 5-30 & 5-31

Note:  
 All dimensions are horizontal.

CITY OF CHICAGO  
 DEPARTMENT OF PUBLIC WORKS  
 BUREAU OF ENGINEERING  
 NORTHWEST ROUTE SUPERHIGHWAY  
 HALSTED STREET INTERCHANGE  
 SECTION 0101.6-1P  
**STRUCTURAL STEEL FRAMING PLAN**  
**EN RAMP**  
 SCALE 1/8" = 1'-0" Except as noted  
 AUGUST 1989  
 SHEET NO. 5-19 OF 113 SHEETS

IN CHARGE: *[Signature]*  
 DESIGNED BY: *[Signature]*  
 DRAWN BY: *[Signature]*  
 CHECKED BY: *[Signature]*  
 APPROVED BY: *[Signature]*

FILE NAME: D:\V161749-PWINT-accomline.local\AECOM\_DS02\_NAYDocuments\01\_Americas\Transportation\60269938\_CirclePhase\_I\000\_CAD\008\_Structural\Structure\_016-1718\Existing\_Plans\0160461\_20-60X93-Sxx-Existing673



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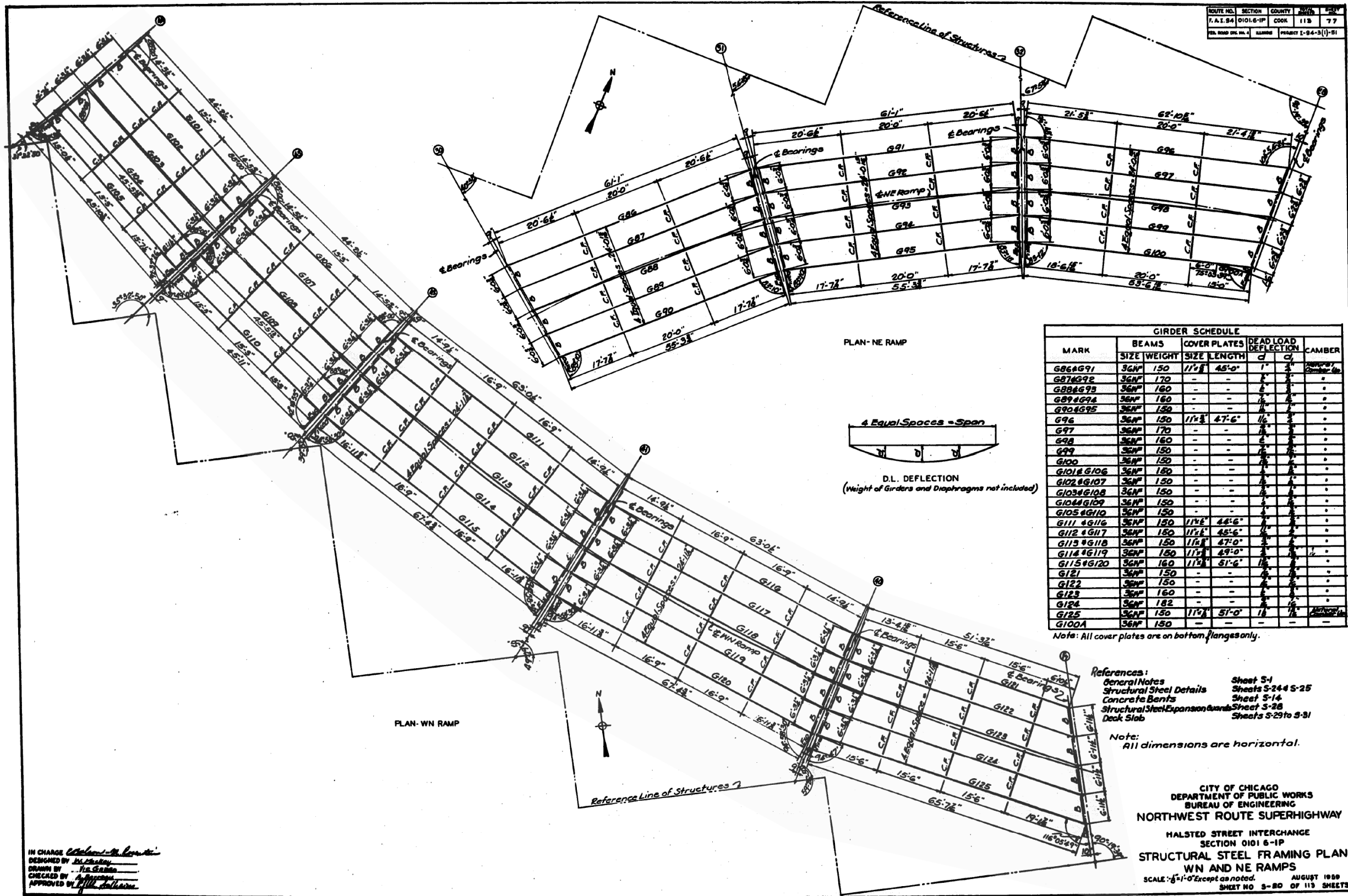
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

EXISTING RECORD DRAWINGS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1948
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				



# FOR INFORMATION ONLY



IN CHARGE *William M. ...*  
 DESIGNED BY *M. ...*  
 DRAWN BY *H. ...*  
 CHECKED BY *H. ...*  
 APPROVED BY *H. ...*

FILE NAME: D:\V1617479-PWINT-accomline.local\AECOM\_DS02\_NAYDocuments\01\_Americas\Transportation\60269938\_Circle\Phase\_I\0000\_CAD\008\_Structural\Structure\_016-1718\Existing\_Plans\0160461\_20-60X93-Sxx-Existing674



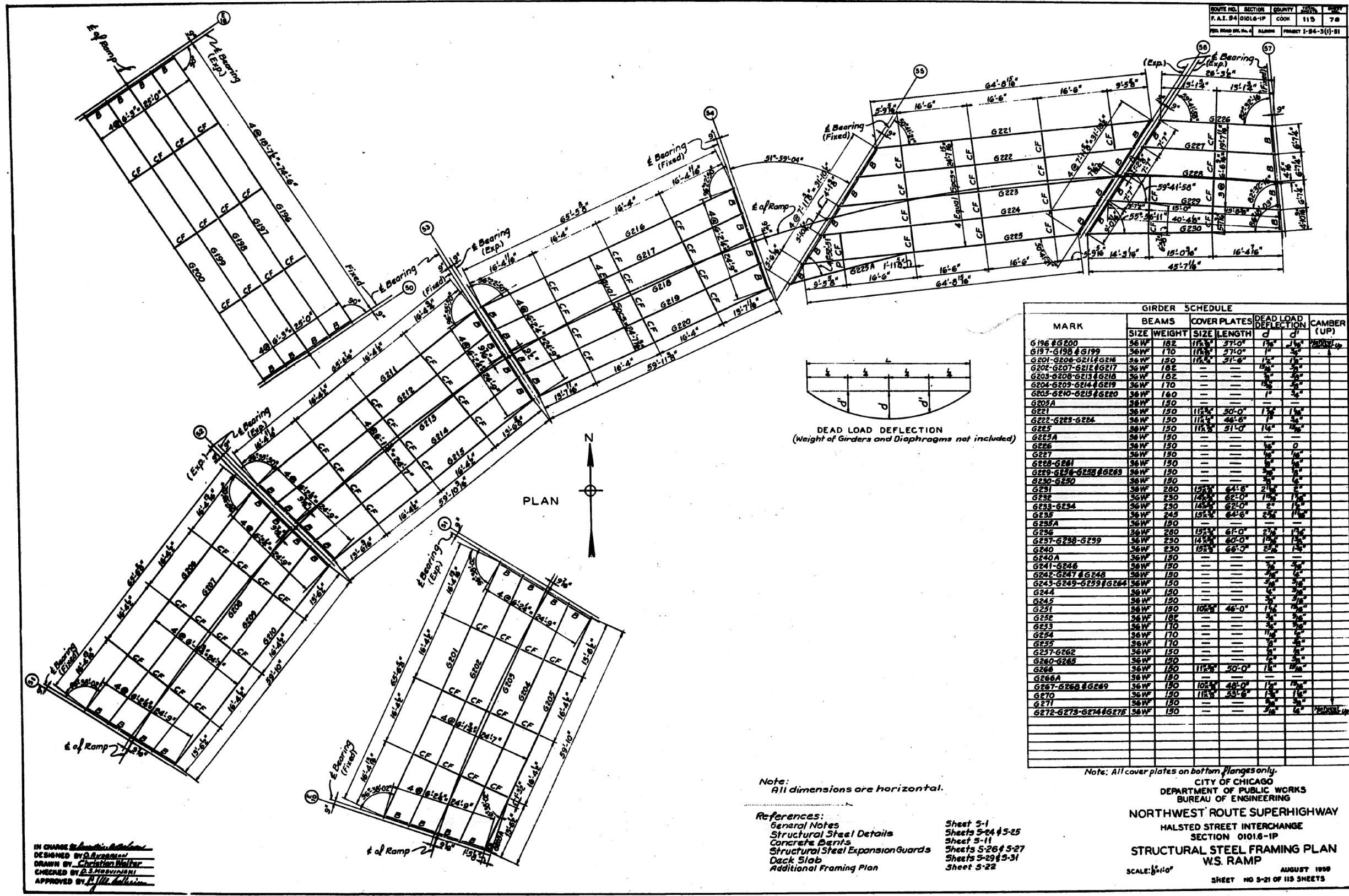
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

EXISTING RECORD DRAWINGS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1949
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

# FOR INFORMATION ONLY



MARK	BEAMS		COVER PLATES		DEAD LOAD DEFLECTION		CAMBER (UP)
	SIZE	WEIGHT	SIZE	LENGTH	d	d'	
G196-G200	36W	182	115x	37'-0"	1 1/2"	1 1/2"	1/2"
G197-G198-G199	36W	170	115x	37'-0"	1 1/2"	1 1/2"	1/2"
G201-G206-G211-G216	36W	150	115x	37'-0"	1 1/2"	1 1/2"	1/2"
G207-G212-G217	36W	185	115x	37'-0"	1 1/2"	1 1/2"	1/2"
G208-G209-G213-G218	36W	182	115x	37'-0"	1 1/2"	1 1/2"	1/2"
G204-G205-G214-G219	36W	170	115x	37'-0"	1 1/2"	1 1/2"	1/2"
G205-G210-G215-G220	36W	140	115x	37'-0"	1 1/2"	1 1/2"	1/2"
G209A	36W	150	115x	37'-0"	1 1/2"	1 1/2"	1/2"
G221	36W	150	115x	30'-0"	1 1/2"	1 1/2"	1/2"
G222-G223-G224	36W	150	115x	46'-6"	1 1/2"	1 1/2"	1/2"
G225	36W	150	115x	51'-0"	1 1/2"	1 1/2"	1/2"
G225A	36W	150	115x	51'-0"	1 1/2"	1 1/2"	1/2"
G226	36W	150	115x	51'-0"	1 1/2"	1 1/2"	1/2"
G227	36W	150	115x	51'-0"	1 1/2"	1 1/2"	1/2"
G228-G231	36W	150	115x	51'-0"	1 1/2"	1 1/2"	1/2"
G229-G232-G233-G234	36W	150	115x	51'-0"	1 1/2"	1 1/2"	1/2"
G230-G235	36W	150	115x	51'-0"	1 1/2"	1 1/2"	1/2"
G231	36W	280	155x	64'-6"	2 1/2"	2 1/2"	1 1/2"
G232	36W	230	155x	62'-0"	2 1/2"	2 1/2"	1 1/2"
G233-G234	36W	230	155x	62'-0"	2 1/2"	2 1/2"	1 1/2"
G235	36W	245	155x	64'-6"	2 1/2"	2 1/2"	1 1/2"
G235A	36W	150	115x	51'-0"	1 1/2"	1 1/2"	1/2"
G236	36W	280	155x	61'-0"	2 1/2"	2 1/2"	1 1/2"
G237-G238-G239	36W	230	155x	60'-0"	2 1/2"	2 1/2"	1 1/2"
G240	36W	230	155x	66'-0"	2 1/2"	2 1/2"	1 1/2"
G240A	36W	150	115x	51'-0"	1 1/2"	1 1/2"	1/2"
G241-G246	36W	150	115x	51'-0"	1 1/2"	1 1/2"	1/2"
G242-G247-G248	36W	150	115x	51'-0"	1 1/2"	1 1/2"	1/2"
G243-G249-G250-G251	36W	150	115x	51'-0"	1 1/2"	1 1/2"	1/2"
G244	36W	150	115x	51'-0"	1 1/2"	1 1/2"	1/2"
G245	36W	150	115x	51'-0"	1 1/2"	1 1/2"	1/2"
G251	36W	150	115x	48'-0"	1 1/2"	1 1/2"	1/2"
G252	36W	182	115x	37'-0"	1 1/2"	1 1/2"	1/2"
G253	36W	170	115x	37'-0"	1 1/2"	1 1/2"	1/2"
G254	36W	170	115x	37'-0"	1 1/2"	1 1/2"	1/2"
G255	36W	170	115x	37'-0"	1 1/2"	1 1/2"	1/2"
G257-G262	36W	150	115x	51'-0"	1 1/2"	1 1/2"	1/2"
G260-G265	36W	150	115x	51'-0"	1 1/2"	1 1/2"	1/2"
G266	36W	150	115x	50'-0"	1 1/2"	1 1/2"	1/2"
G266A	36W	150	115x	50'-0"	1 1/2"	1 1/2"	1/2"
G267-G268-G269	36W	150	115x	48'-0"	1 1/2"	1 1/2"	1/2"
G270	36W	150	115x	53'-6"	1 1/2"	1 1/2"	1/2"
G271	36W	150	115x	53'-6"	1 1/2"	1 1/2"	1/2"
G272-G273-G274-G275	36W	150	115x	53'-6"	1 1/2"	1 1/2"	1/2"

Note: All dimensions are horizontal.

- References:
- General Notes
  - Structural Steel Details
  - Concrete Details
  - Structural Steel Expansion Guards
  - Deck Slab
  - Additional Framing Plan

- Sheet 5-1
- Sheet 5-24-5-25
- Sheet 5-11
- Sheet 5-26-5-27
- Sheet 5-29-5-31
- Sheet 5-22

Note: All cover plates on bottom flanges only.

CITY OF CHICAGO  
DEPARTMENT OF PUBLIC WORKS  
BUREAU OF ENGINEERING

NORTHWEST ROUTE SUPERHIGHWAY  
HALSTED STREET INTERCHANGE  
SECTION 01016-1P  
STRUCTURAL STEEL FRAMING PLAN  
WS RAMP

SCALE: 1/4" = 1'-0"  
AUGUST 1999  
SHEET NO 3-21 OF 113 SHEETS

IN CHARGE: *[Signature]*  
DESIGNED BY: *[Signature]*  
DRAWN BY: *[Signature]*  
CHECKED BY: *[Signature]*  
APPROVED BY: *[Signature]*

FILE NAME: D:\1617479-PWINT-accomline.local\AECOM\_DS02\_NAYDocuments\01\_Americas\Transportation\60269938\_CirclePhase\_I\000\_CAD\008\_Structural\Structure\_016-1718\Existing\_Plans\0160461\_20-60X93-5xx-Existing675



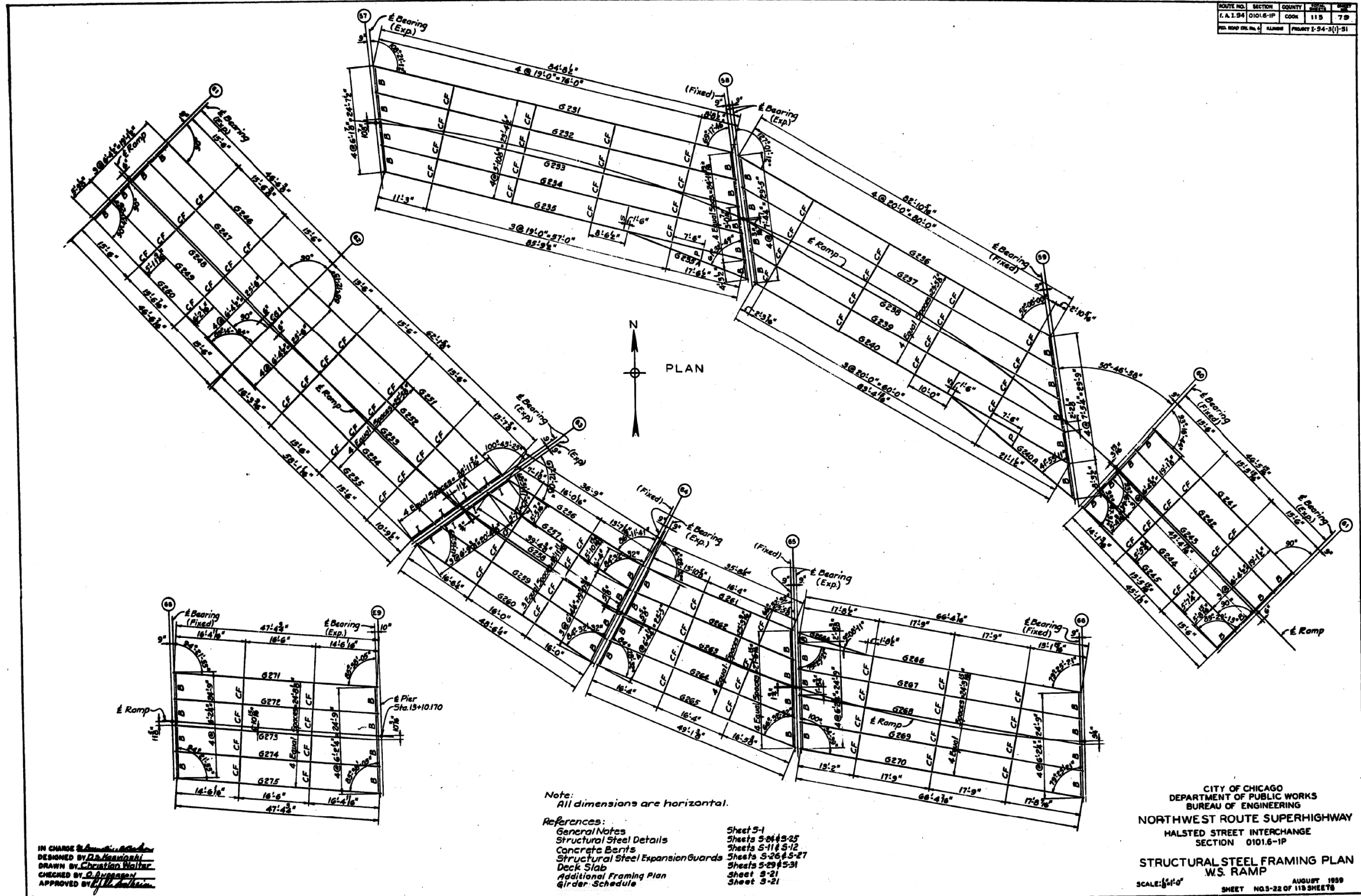
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EXISTING RECORD DRAWINGS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1950
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

# FOR INFORMATION ONLY



IN CHARGE *[Signature]*  
 DESIGNED BY *[Signature]*  
 DRAWN BY *[Signature]*  
 CHECKED BY *[Signature]*  
 APPROVED BY *[Signature]*

Note:  
 All dimensions are horizontal.

- References:
- General Notes Sheet 5-1
  - Structural Steel Details Sheets 5-04 & 5-25
  - Concrete Bents Sheets 5-11 & 5-12
  - Structural Steel Expansion Guards Sheets 5-26 & 5-27
  - Deck Slab Sheets 5-29 & 5-31
  - Additional Framing Plan Sheet 5-21
  - Girder Schedule Sheet 5-21

CITY OF CHICAGO  
 DEPARTMENT OF PUBLIC WORKS  
 BUREAU OF ENGINEERING  
 NORTHWEST ROUTE SUPERHIGHWAY  
 HALSTED STREET INTERCHANGE  
 SECTION 0101.6-1P  
 STRUCTURAL STEEL FRAMING PLAN  
 W.S. RAMP  
 SCALE: 1/4" = 1'-0"  
 AUGUST 1999  
 SHEET NO. 3-22 OF 119 SHEETS

FILE NAME: D:\V161749-PWINT-accomline.local\AECOM\_DS02\_NAYDocuments\01\_Americas\Transportation\60269938\_Circle\Phase\_I\0000\_CAD\008\_Structural\Structure\_016-1718\Existing\_Plans\0160461\_20-60X93-Sxx-Existing676



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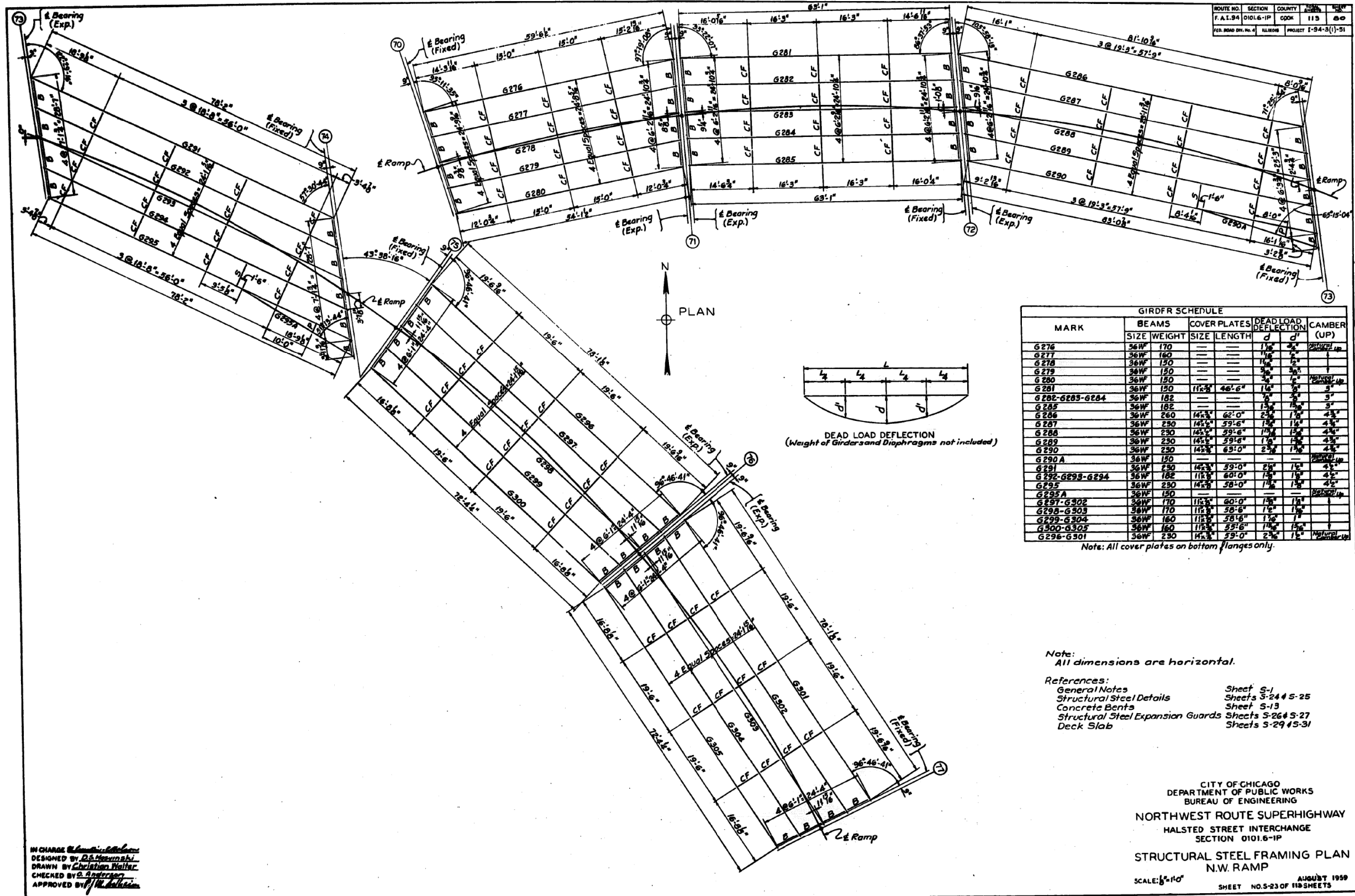
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

EXISTING RECORD DRAWINGS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1951
CONTRACT NO. 60X93				

ILLINOIS FED. AID PROJECT

# FOR INFORMATION ONLY



FILE NAME: D:\V1617479-PWINT-aecomonline.local\AECOM\_DS02\_NAYDocuments\01\_Americas\Transportation\60269938\_Circle\Phase\_I\0000\_CAD\008\_Structural\Structure\_016-1718\Existing\_Plans\0160461\_20-60X93-Sxx-Existing677



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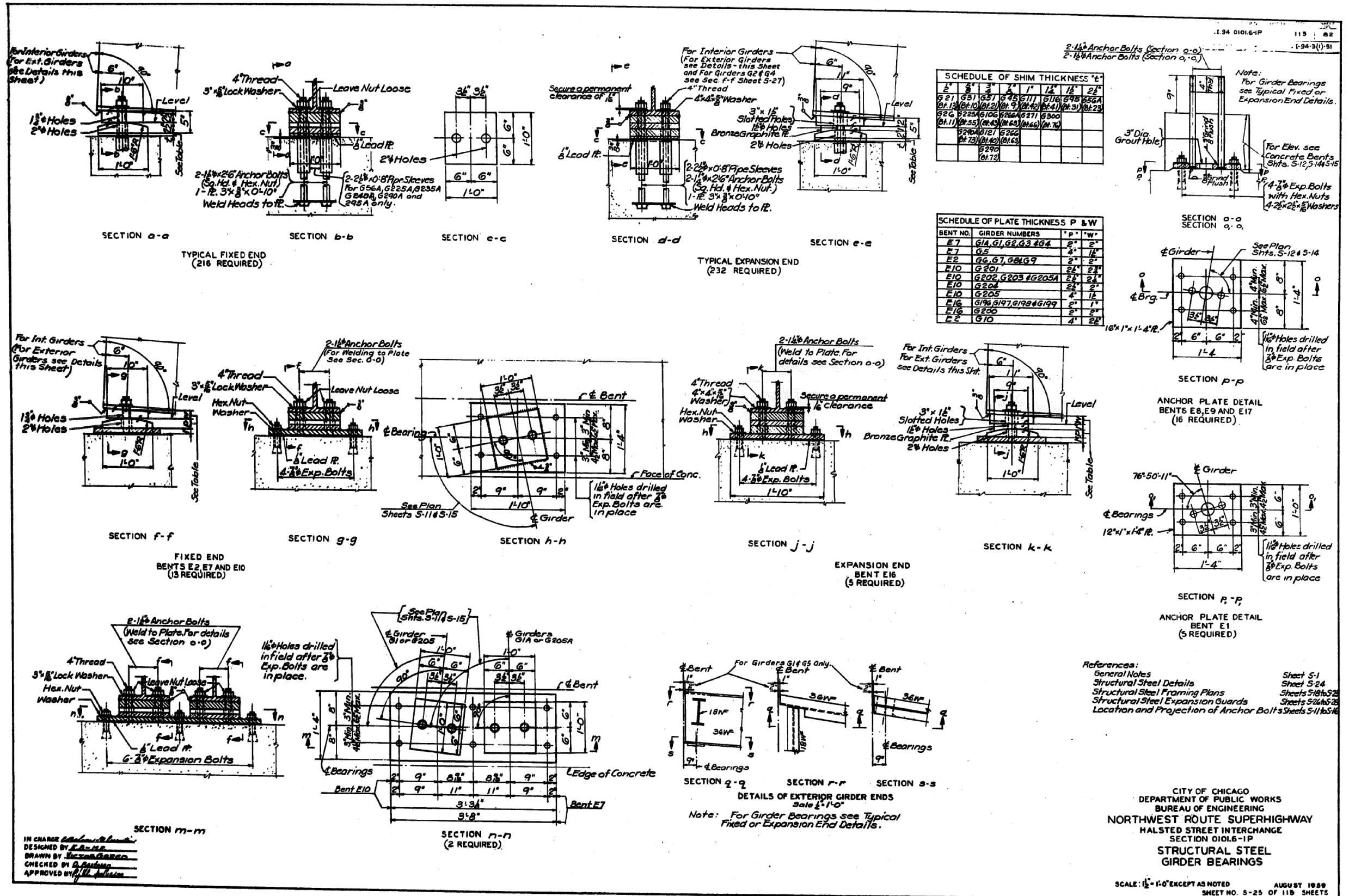
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EXISTING RECORD DRAWINGS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1952
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				



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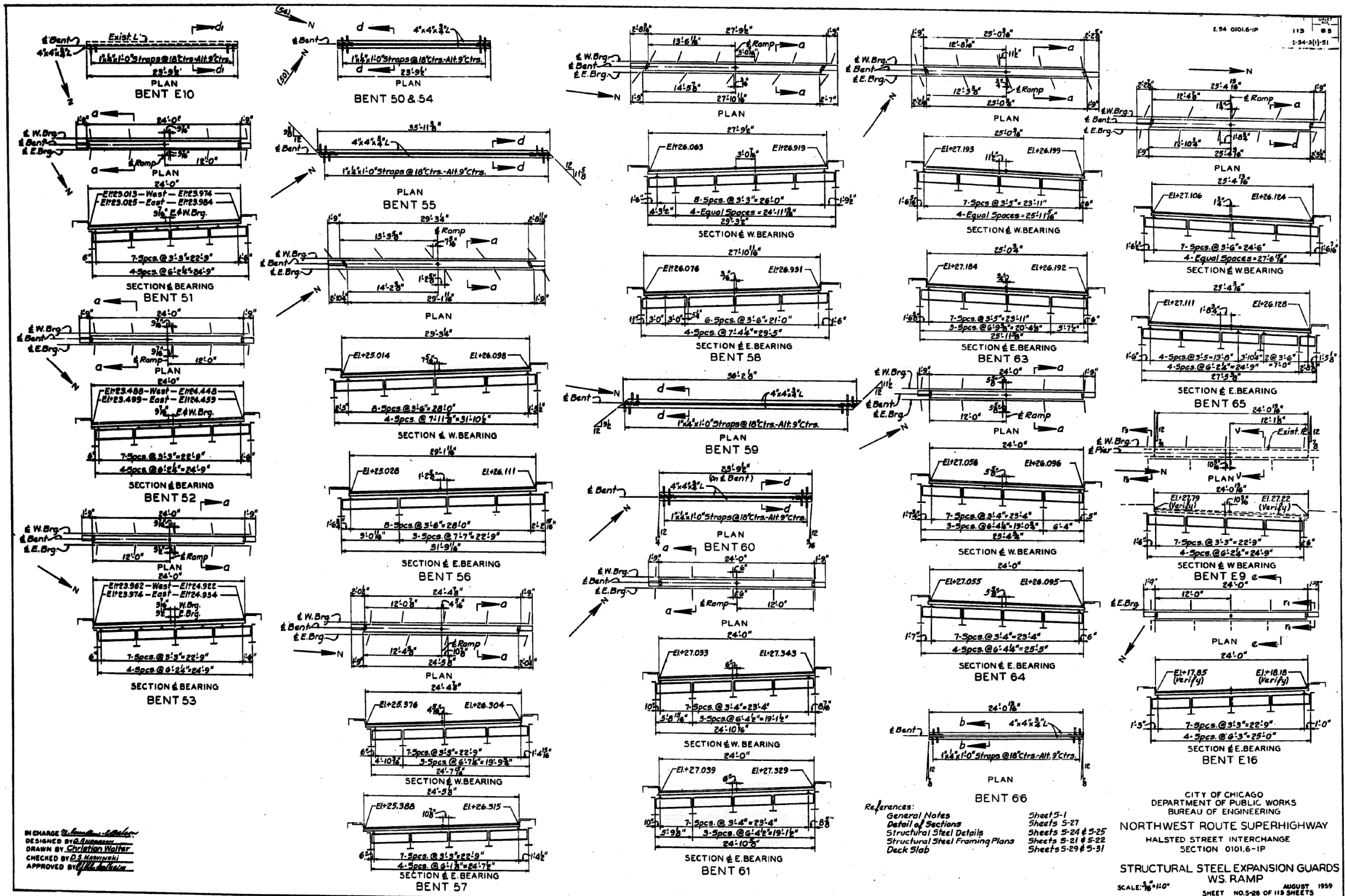
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

EXISTING RECORD DRAWINGS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1954
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

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IN CHARGE *[Signature]*  
 DESIGNED BY *[Signature]*  
 DRAWN BY *[Signature]*  
 CHECKED BY *[Signature]*  
 APPROVED BY *[Signature]*

References:  
 General Notes  
 Detail of Sections  
 Structural Steel Details  
 Structural Steel Framing Plans  
 Deck Slab

CITY OF CHICAGO  
 DEPARTMENT OF PUBLIC WORKS  
 BUREAU OF ENGINEERING  
 NORTHWEST ROUTE SUPERHIGHWAY  
 HALSTED STREET INTERCHANGE  
 SECTION 0101.6-1P  
 STRUCTURAL STEEL EXPANSION GUARDS  
 WS. RAMP  
 SCALE: 3/8" = 1'-0"  
 AUGUST 1959  
 SHEET NO. 5-26 OF 113 SHEETS

FILE NAME: dw:\161749-PWINT-accomline.local\AECOM\_DS02\_NAYDocuments\01\_Americas\Transportation\60269938\_CirclePhase\_I\000\_CAD\008\_Structural\Plans\0160461\_20-60X93-5xx-Existing680



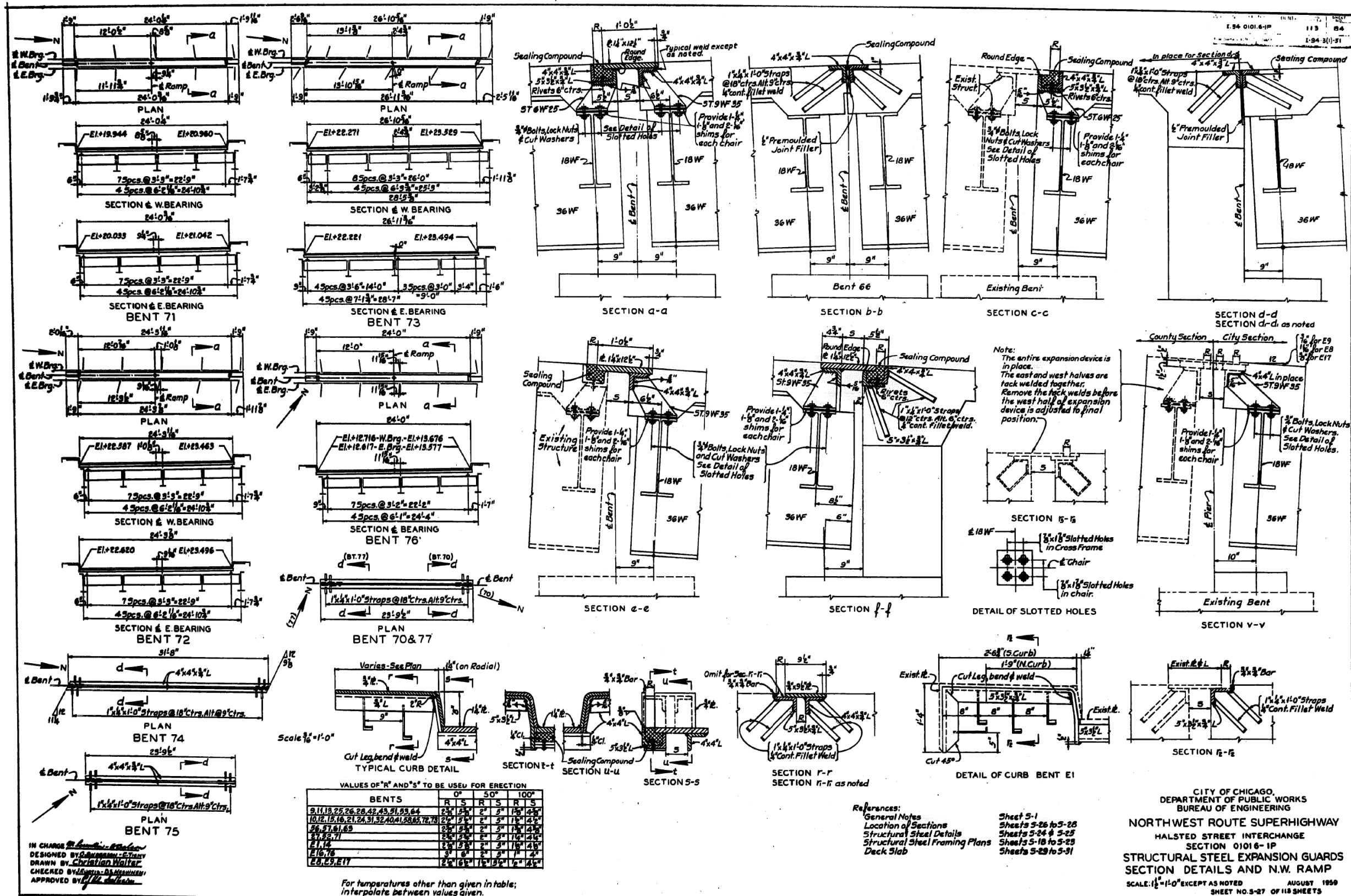
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

EXISTING RECORD DRAWINGS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1955
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

# FOR INFORMATION ONLY



References:  
 General Notes  
 Location of Sections  
 Structural Steel Details  
 Structural Steel Framing Plans  
 Deck Slab

Sheet 5-1  
 Sheets 5-26 to 5-28  
 Sheets 5-34 & 5-35  
 Sheets 5-18 to 5-25  
 Sheets 5-29 to 5-31

CITY OF CHICAGO,  
 DEPARTMENT OF PUBLIC WORKS  
 BUREAU OF ENGINEERING

NORTHWEST ROUTE SUPERHIGHWAY  
 HALSTED STREET INTERCHANGE  
 SECTION 01016-1P  
 STRUCTURAL STEEL EXPANSION GUARDS  
 STRUCTURAL DETAILS AND N.W. RAMPS  
 SCALE: 1/2"=1'-0" EXCEPT AS NOTED  
 AUGUST 1959  
 SHEET NO. 3-27 OF 118 SHEETS

FILE NAME: DWG:\617479-PWINT-accomonline.local\AECOM\_D502\_NAYDocuments\01\_Americas\Transportation\60269938\_CirclePhase\_I\000\_CAD\008\_Structural\Structure\_016-1718\Existing\_Plans\0160461\_20-60X93-Sxx-Existing681



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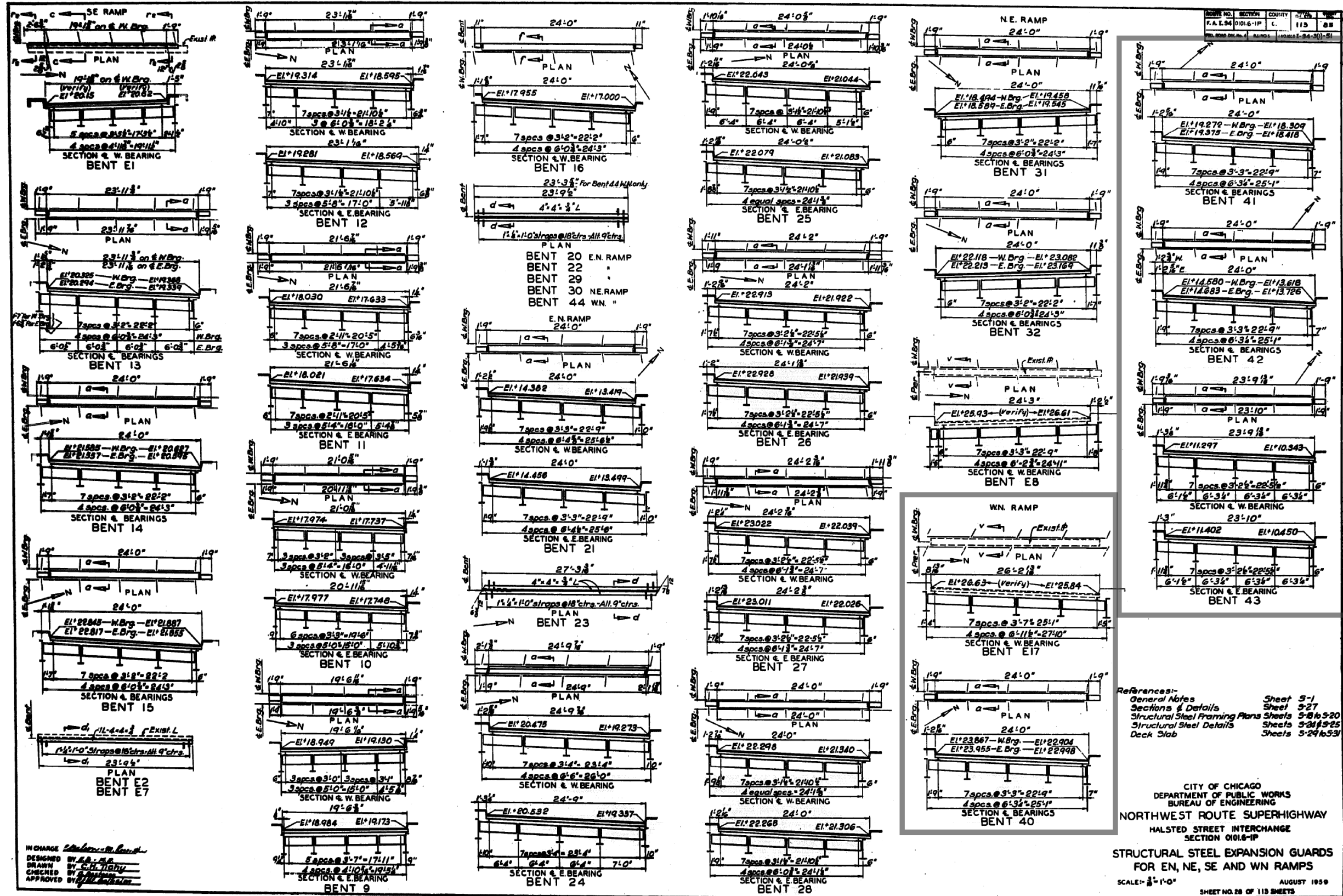
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

EXISTING RECORD DRAWINGS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1956
				CONTRACT NO. 60X93
				ILLINOIS FED. AID PROJECT



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FILE NAME: D:\V161749-PWINT-accomonline.local\AECOM\_DS02\_NAYDocuments\01\_Americas\Transportation\60269938\_CirclePhase\_I\000\_CAD\008\_Structural\Structure\_016-1718\Existing\_Plans\0160461\_20-60X93-5xx-Existing682



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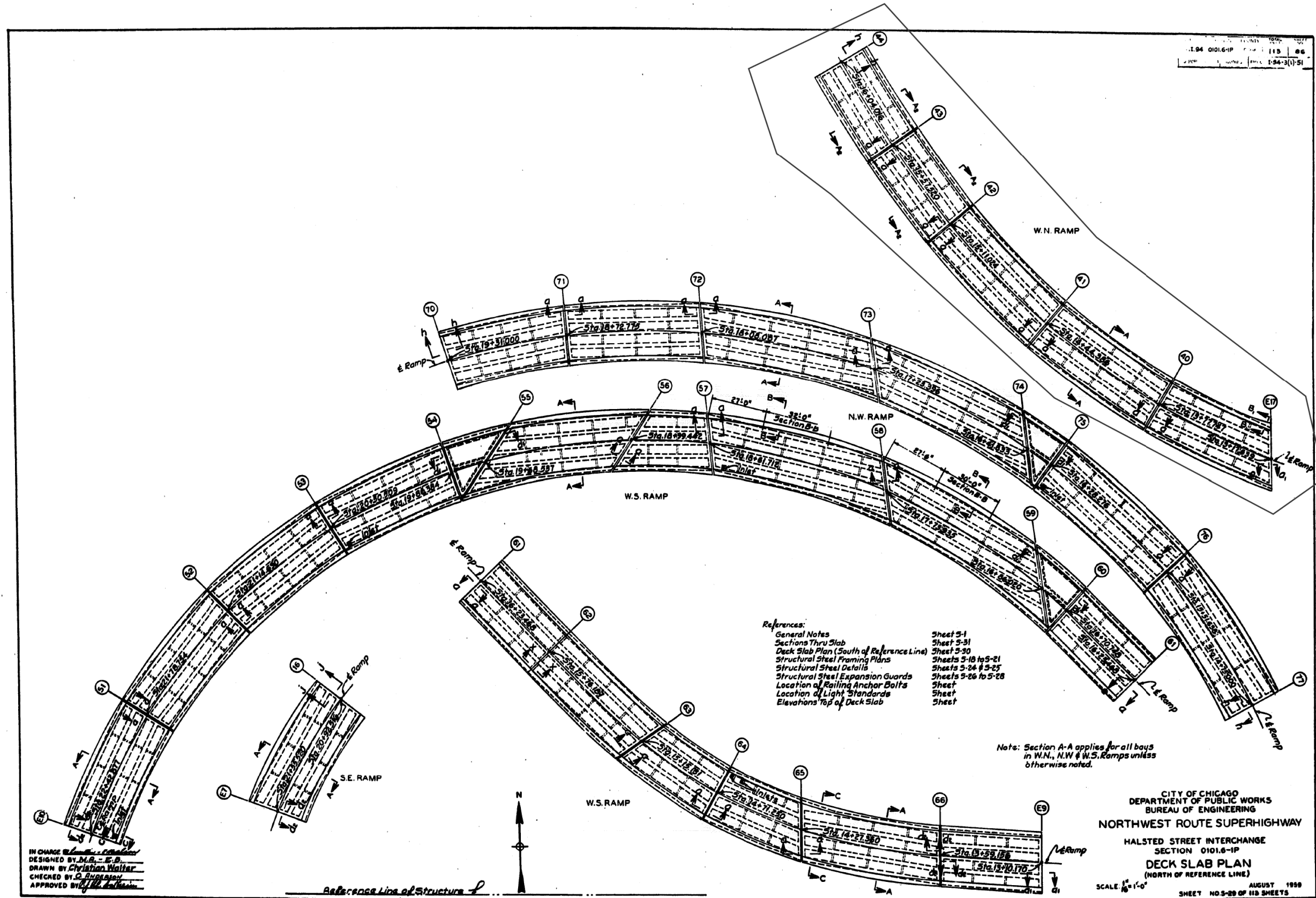
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

EXISTING RECORD DRAWINGS

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90/94/290	2014-013R&B-R	COOK	1972	1957
CONTRACT NO. 60X93				

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FILE NAME: p:\v161749-PWINT-accomline.local\AECOM\_DS02\_NAYDocuments\01\_Americas\Transportation\60269938\_Circle\Phase\_II\000\_CAD\008\_Structural\Structure\_016-1718\Existing\_Plans\0160461\_20-60X93-5xx-Existing683



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STATE OF ILLINOIS  
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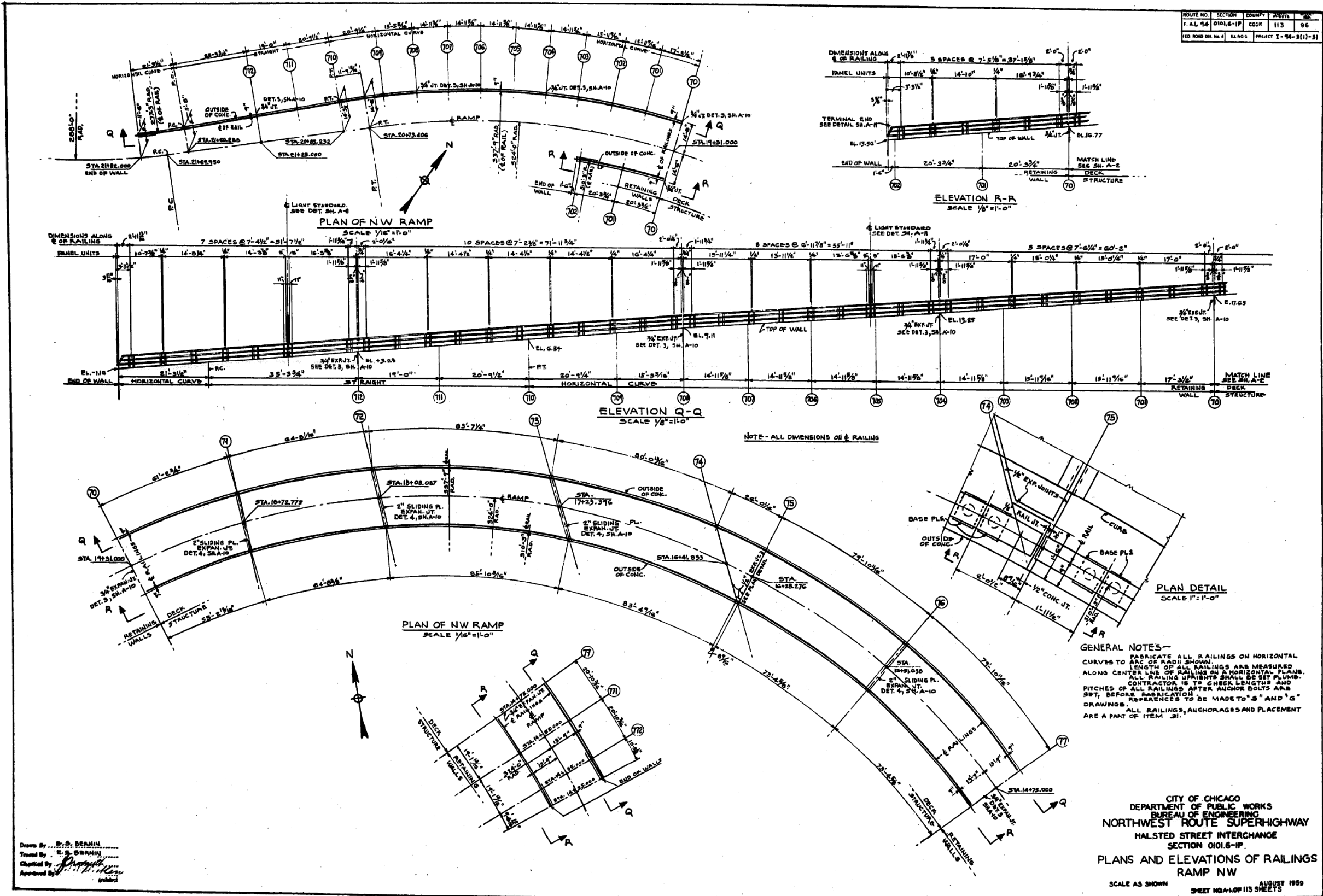
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F.A.I. RTE. 90/94/290	SECTION 2014-013R&B-R	COUNTY COOK	TOTAL SHEETS 1972	SHEET NO. 1958
CONTRACT NO. 60X93				
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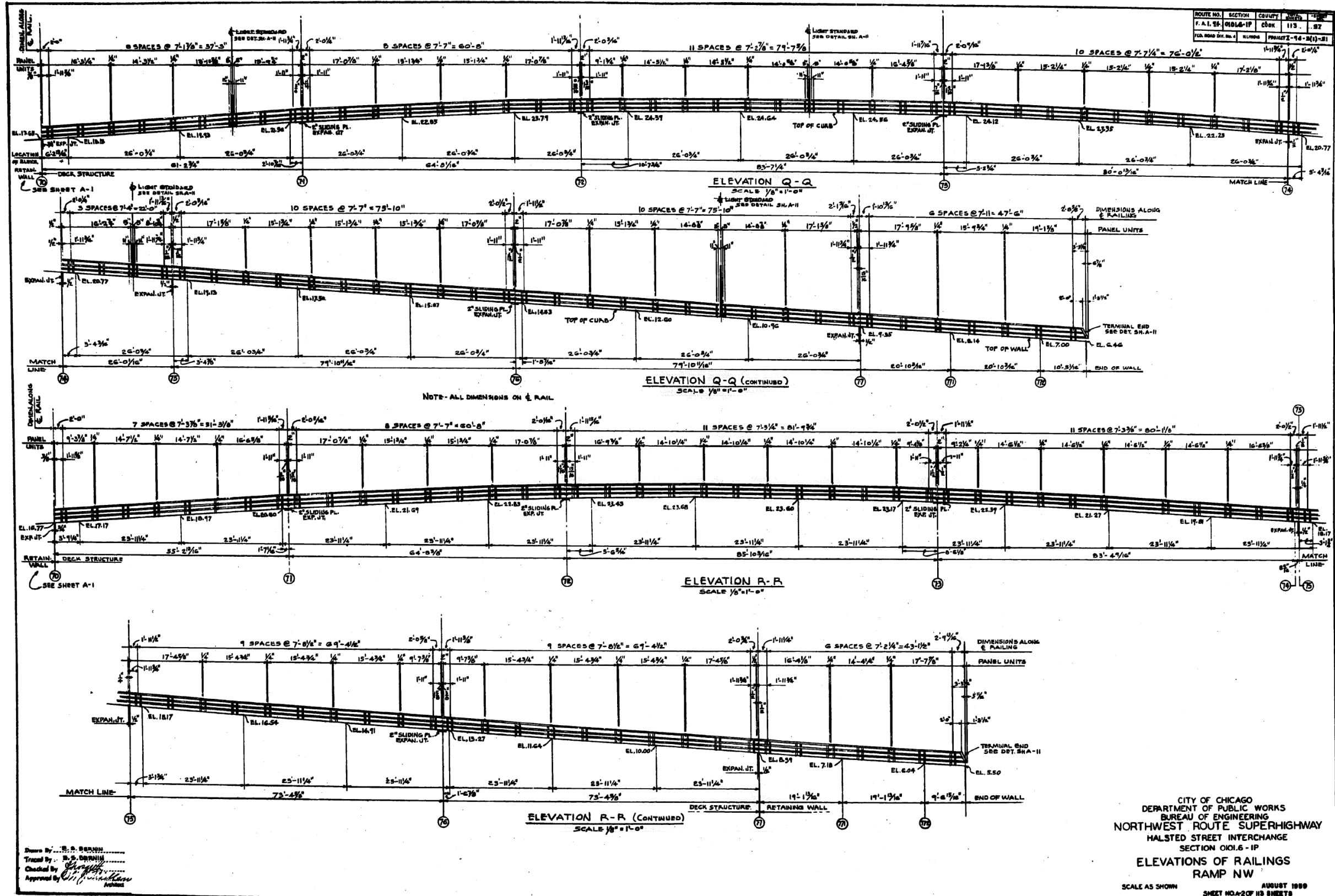
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		MI, MAI	

STATE OF ILLINOIS  
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EXISTING RECORD DRAWINGS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1961
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

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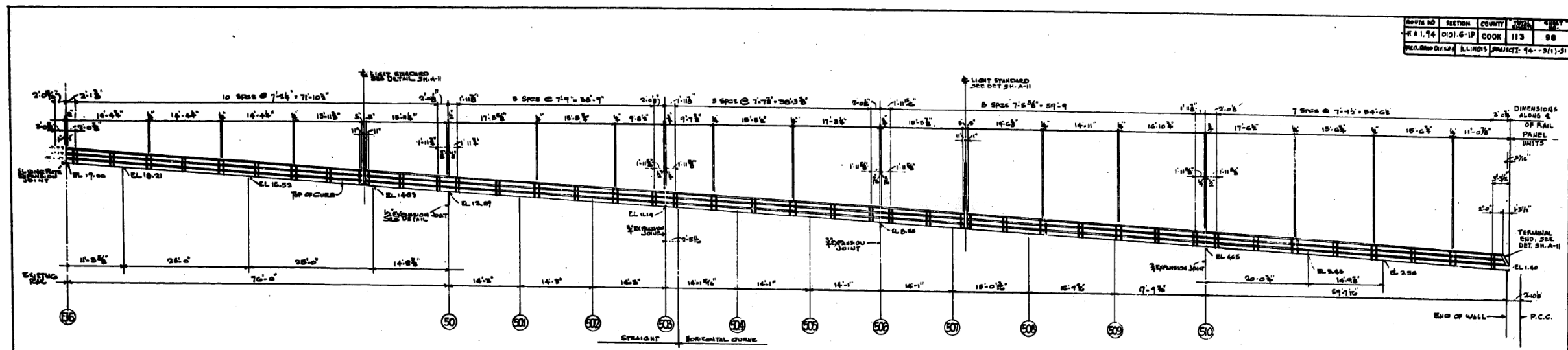
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EXISTING RECORD DRAWINGS

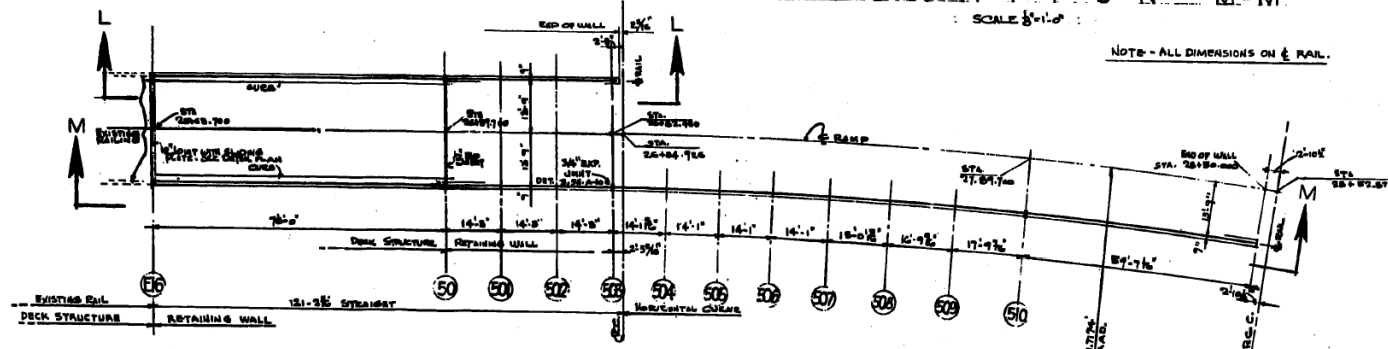
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90/94/290	2014-013R&B-R	COOK	1972	1962
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ILLINOIS FED. AID PROJECT				

# FOR INFORMATION ONLY

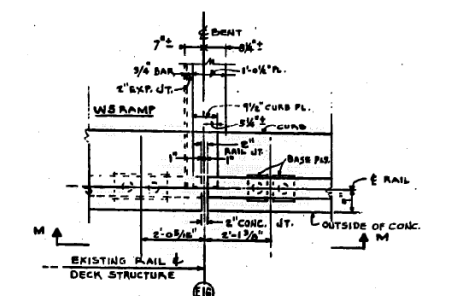
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PROJECT: 14-3(1)-31			



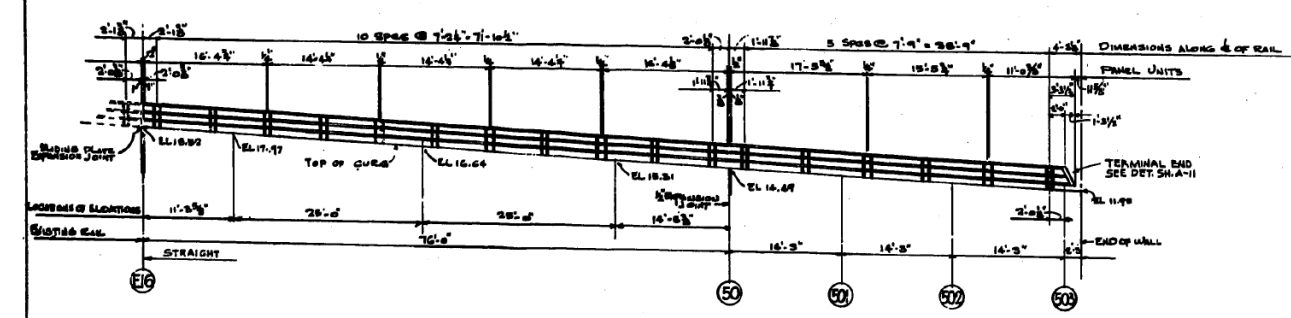
ELEVATION M-M  
SCALE 1/8"=1'-0"



PLAN OF WS RAMP



DETAIL PLAN (OPPOSITE RAIL SIMILAR)  
SCALE 1/2"=1'-0"



ELEVATION L-L  
SCALE 1/8"=1'-0"

Drawn by E.S. MERRIN  
 Traced by R.D. CHRISTOPHER  
 Checked by [Signature]  
 Approved by [Signature]

CITY OF CHICAGO  
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 NORTHWEST ROUTE SUPERHIGHWAY  
 HALSTED STREET INTERCHANGE  
 SECTION 010.6-IP  
**PLAN AND ELEVATIONS OF RAILINGS  
 RAMP WS**  
 SCALE AS SHOWN  
 AUGUST 1966  
 SHEET NQA30F 113 SHEETS

FILE NAME: D:\V161749-PWINT-accomline.local\AECOM\_DS02\_NAYDocuments\01\_Americas\Transportation\60269938\_CirclePhase\_I\000\_CAD\008\_Structural\Structure\_016-1718\Existing\_Plans\0160461\_20-60X93-Sxx-Existing688



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STATE OF ILLINOIS  
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EXISTING RECORD DRAWINGS

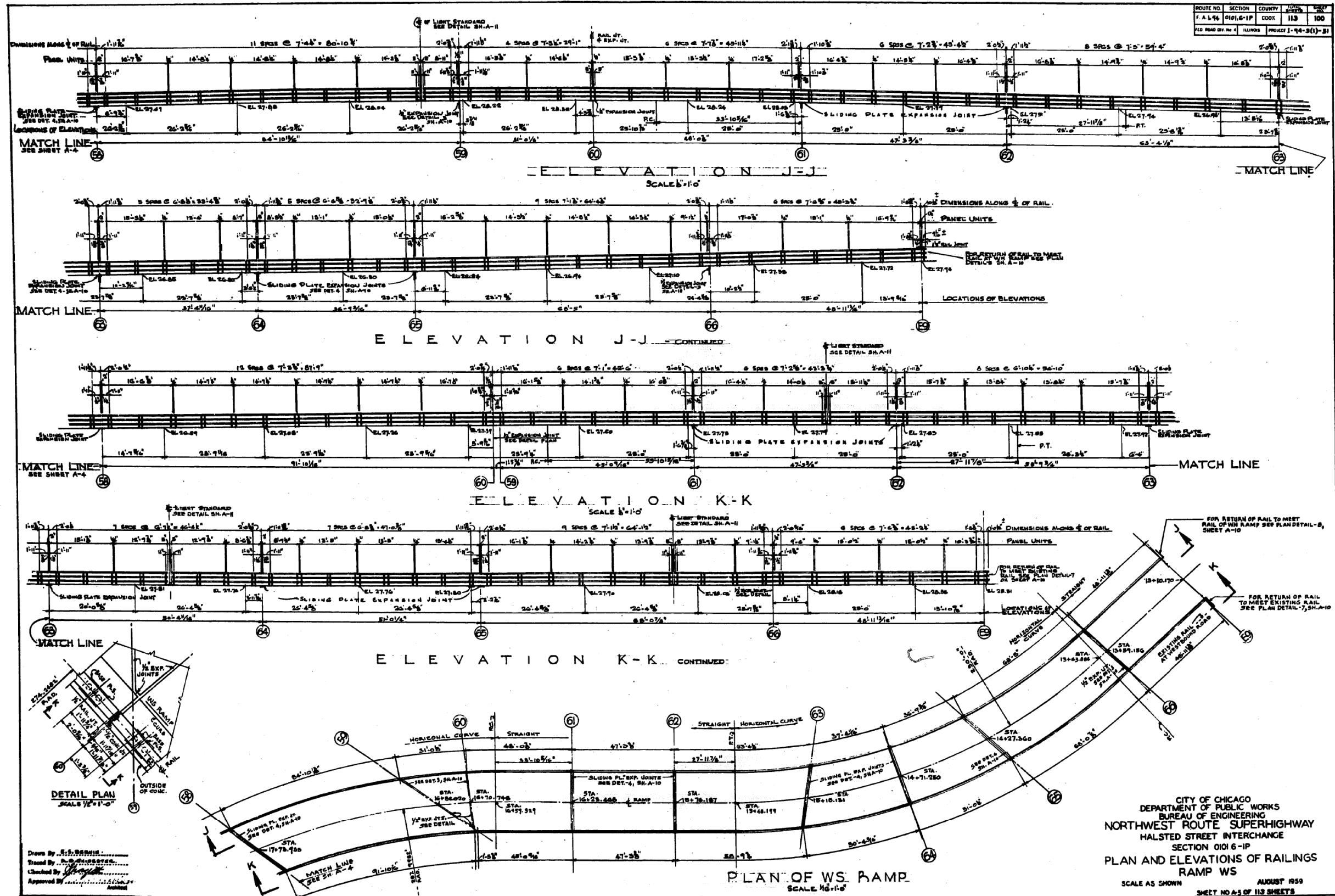
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CONTRACT NO. 60X93				

ILLINOIS FED. AID PROJECT





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FILE NAME: DWG:\617479-PWINT-accomline.local\AECOM\_DS02\_NAYDocuments\01\_Americas\Transportation\60269938\_CirclePhase\_I\000\_CAD\008\_Structural\Structure\_016-1718\Existing\_Plans\0160461\_20-60X93-Sxx-Existing690



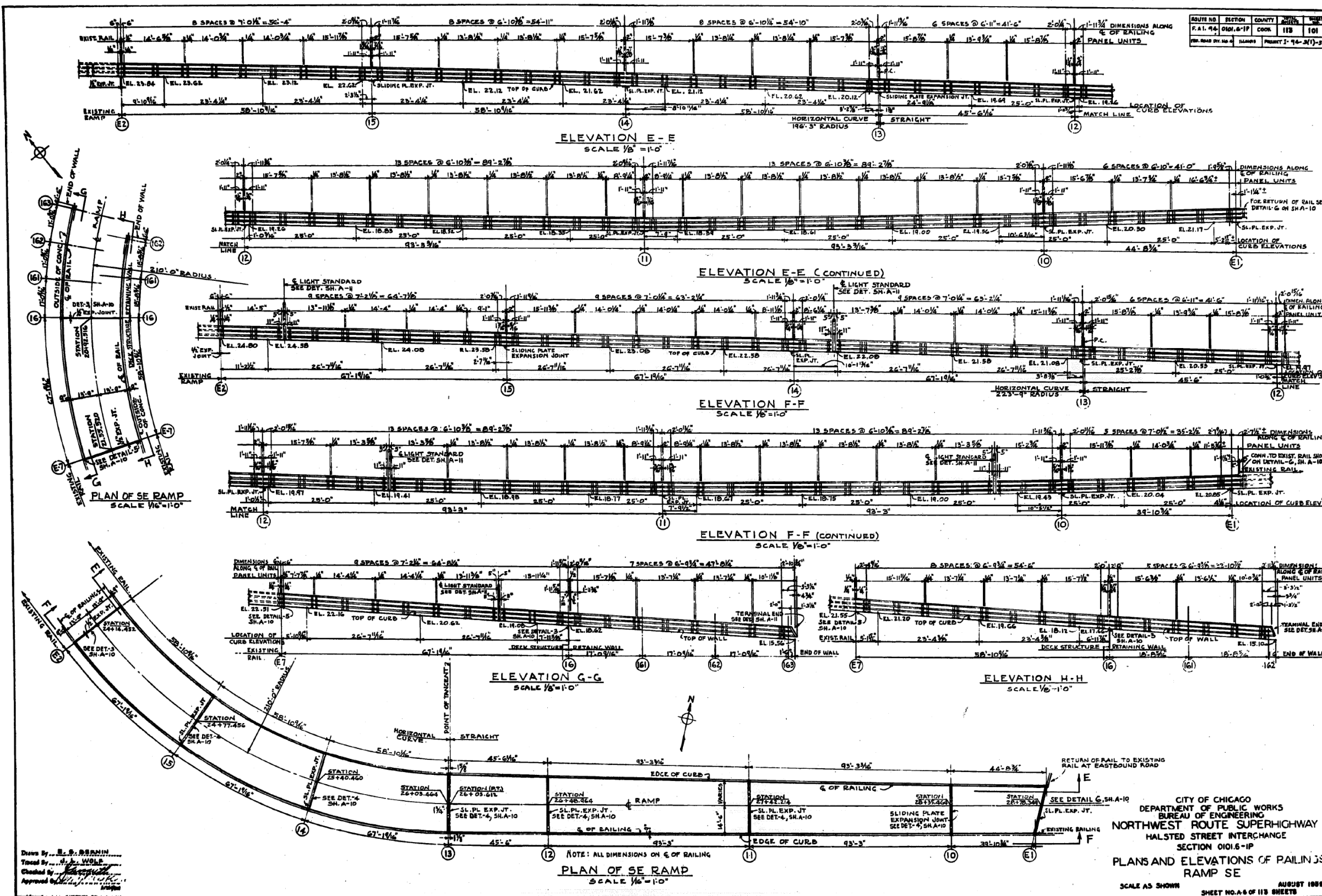
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EXISTING RECORD DRAWINGS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1965
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

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 Titled by: J. A. WOLE  
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 Approved by: [Signature]

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 NORTHWEST ROUTE SUPERHIGHWAY  
 HALSTED STREET INTERCHANGE  
 SECTION 0101.6-1P  
 PLANS AND ELEVATIONS OF RAILINGS  
 RAMP SE  
 SCALE AS SHOWN  
 AUGUST 1989  
 SHEET NO. 65 OF 118 SHEETS

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

EXISTING RECORD DRAWINGS

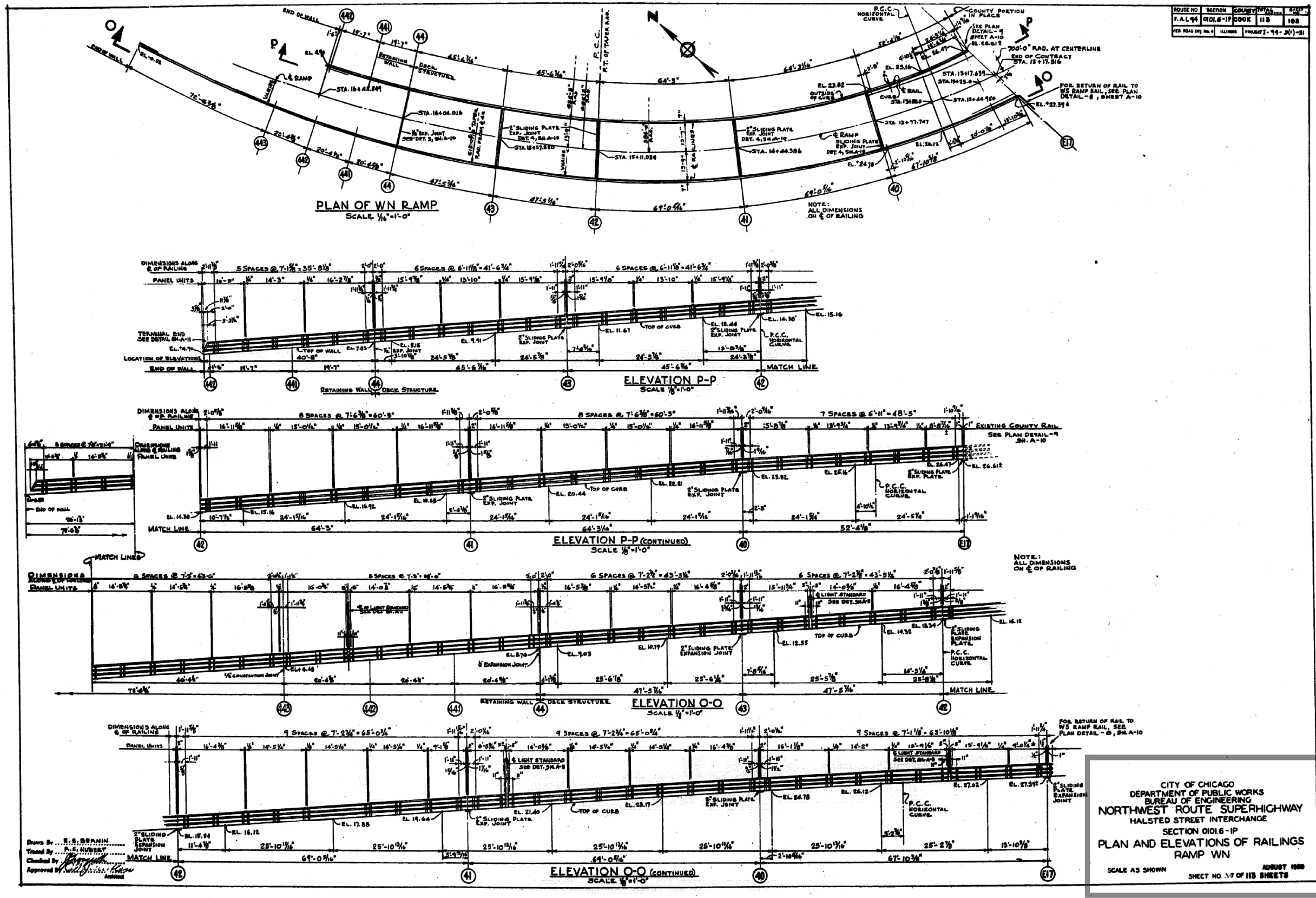
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1966
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				



FILE NAME: DWG:\617479-PWINT-accomline.local\AECOM\_DS02\_NAYDocuments\01\_Americas\Transportation\60269938\_Circle\Phase\_II\000\_CAD\008\_Structural\Structure\_016-1718\Existing\_Plans\0160461\_20-60X93-Sxx-Existing691

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 NORTHWEST ROUTE SUPERHIGHWAY  
 HALSTED STREET INTERCHANGE  
 SECTION 0101.6-1P  
 PLAN AND ELEVATIONS OF RAILINGS  
 RAMP WN  
 SCALE AS SHOWN  
 SHEET NO. 17 OF 113 SHEETS  
 AUGUST 1988

Drawn By: E.S. BRANNIN  
 Traced By: P.C. HUBBERT  
 Checked By: [Signature]  
 Approved By: [Signature]

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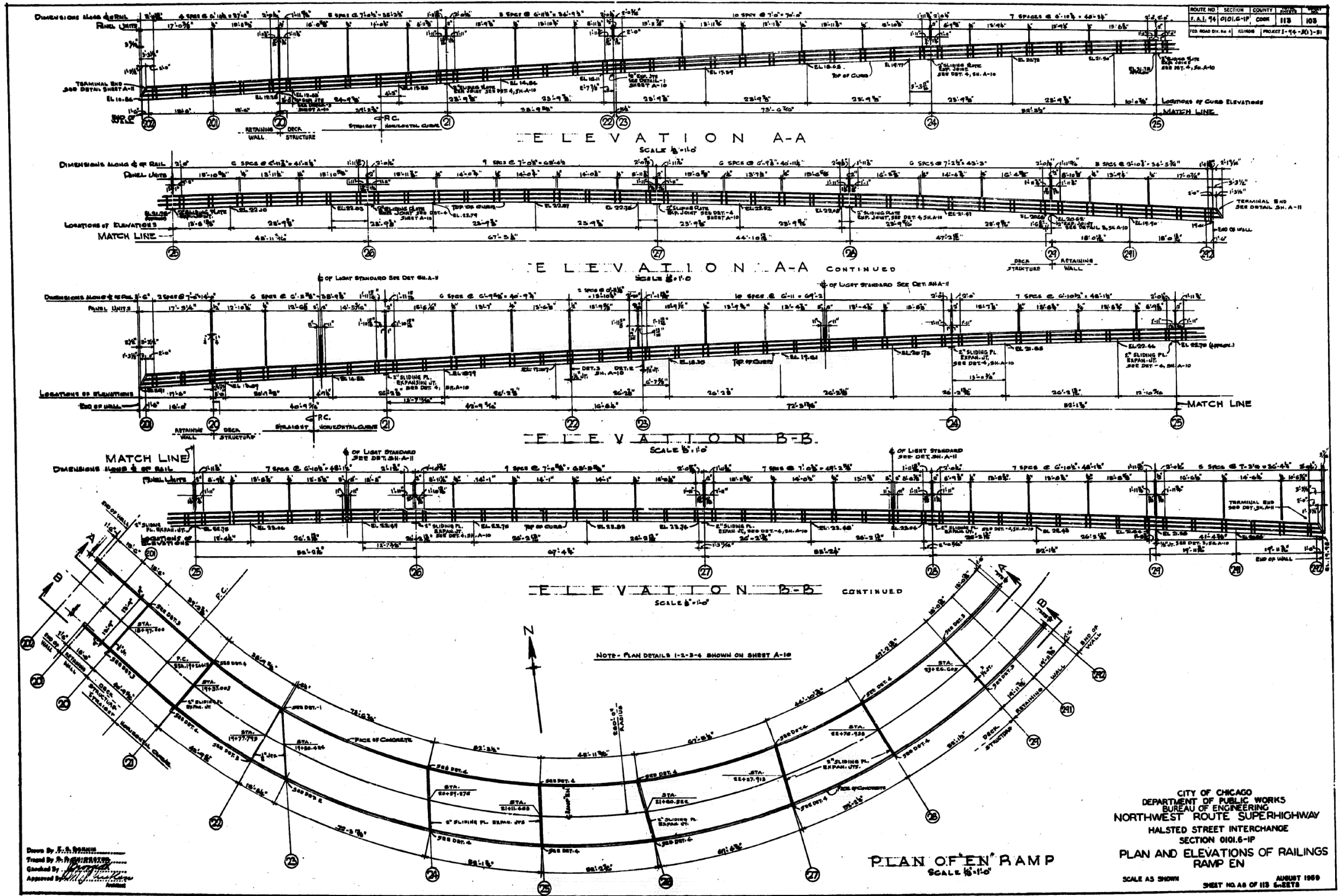
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

EXISTING RECORD DRAWINGS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1967
CONTRACT NO. 60X93				

ILLINOIS FED. AID PROJECT

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Drawn By: J. S. ROSSINI  
 Traced By: J. S. ROSSINI  
 Checked By: J. S. ROSSINI  
 Approved By: J. S. ROSSINI

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 NORTHWEST ROUTE SUPERHIGHWAY  
 HALSTED STREET INTERCHANGE  
 SECTION 0101.6-1P  
 PLAN AND ELEVATIONS OF RAILINGS  
 RAMP EN  
 SCALE AS SHOWN  
 SHEET NO. 48 OF 118 SHEETS  
 AUGUST 1969

FILE NAME: DWG:\617479-PWINT-accomline.local\AECOM\_DS02\_NAYDocuments\01\_Americas\Transportation\60269938\_Circle\Phase\_II\000\_CAD\008\_Structural\Structure\_016-1718\Existing\_Plans\0160461\_20-60X93-Sxx-Existing693



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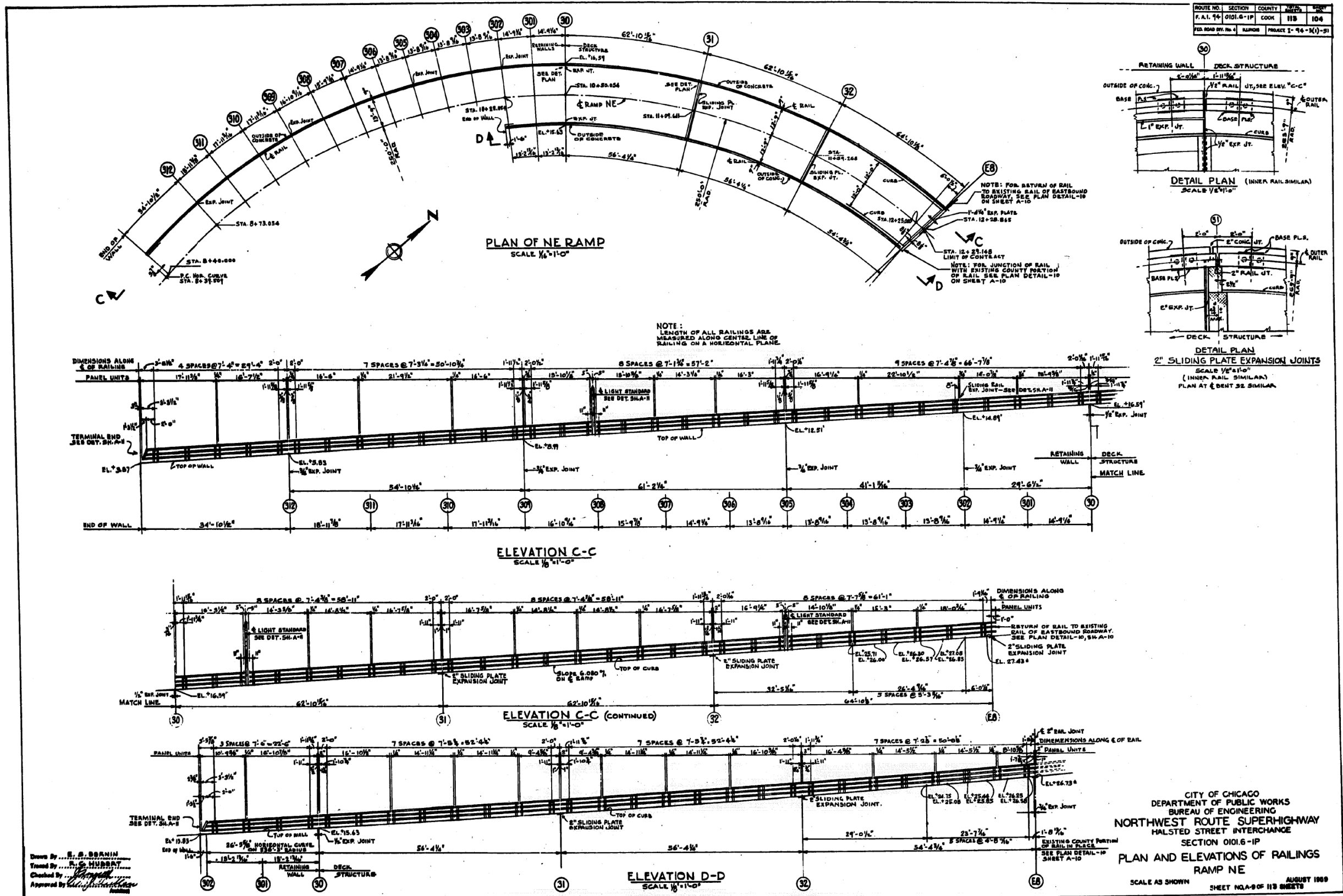
STATE OF ILLINOIS  
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EXISTING RECORD DRAWINGS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1968
CONTRACT NO. 60X93				

ILLINOIS FED. AID PROJECT

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 Traced By... M. S. WISNIEWSKI  
 Checked By...  
 Approved By...

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 DEPARTMENT OF PUBLIC WORKS  
 BUREAU OF ENGINEERING  
 NORTHWEST ROUTE SUPERHIGHWAY  
 HALSTED STREET INTERCHANGE  
 SECTION 0101.6-1P  
 PLAN AND ELEVATIONS OF RAILINGS  
 RAMP NE  
 SCALE AS SHOWN  
 SHEET NO. 118 OF 104 SHEETS  
 AUGUST 1969

FILE NAME: DWG:\1617479-PWINT-aecom\online\local\AECOM\_D502\_NAY\Documents\01\_Americas\Transportation\60269938\_Circle\Phase\_II\000\_CAD\008\_Structural\Structure\_016-1718\Existing\_Plans\0160461\_20-60X93-5xx-Existing694



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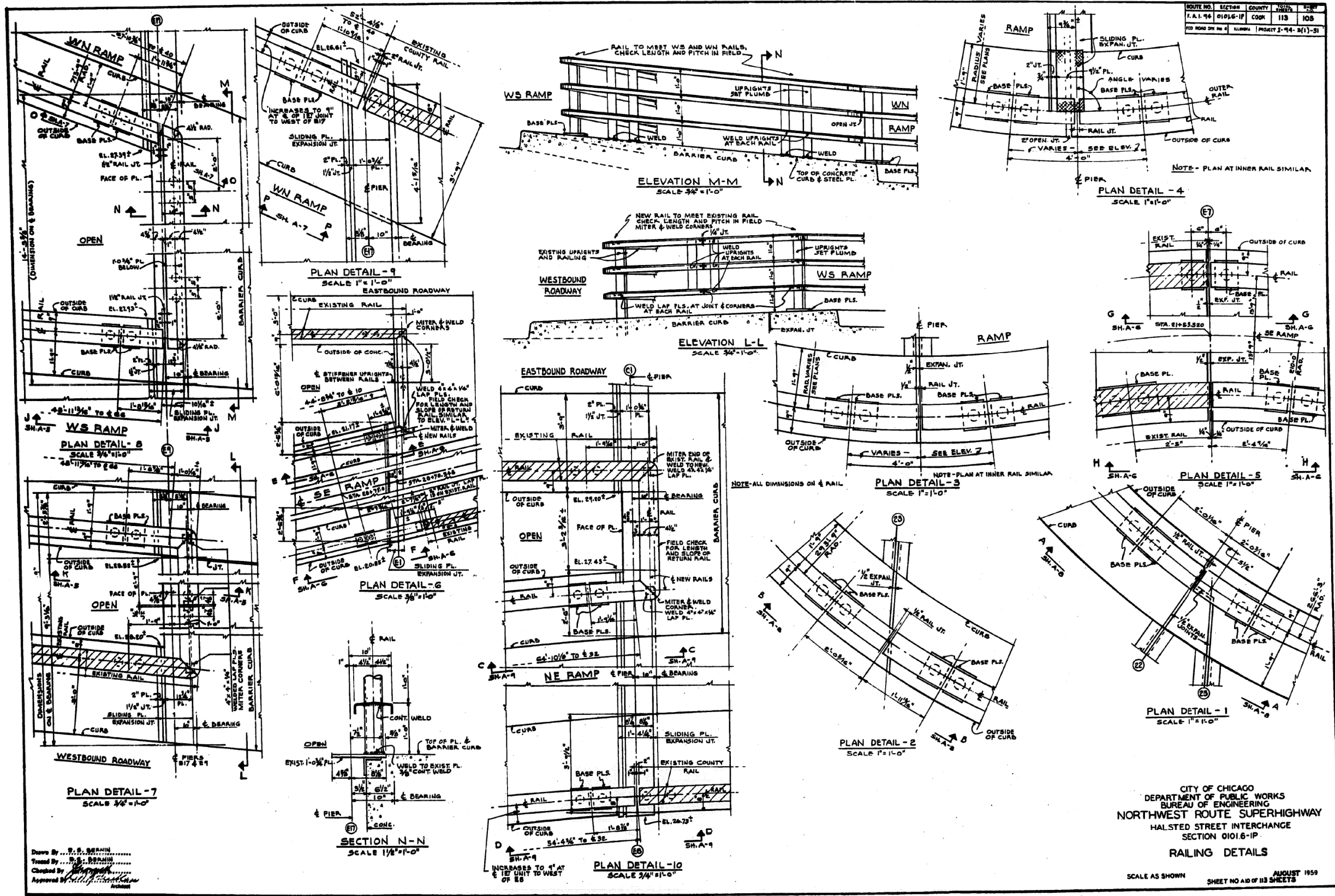
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

EXISTING RECORD DRAWINGS

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CONTRACT NO. 60X93				

ILLINOIS FED. AID PROJECT

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FILE NAME: DWG:\617479-PWINT-accomline.local\AECOM\_DS02\_NAYDocuments\01\_Americas\Transportation\60269938\_CirclePhase\_I\000\_CAD\008\_Structural\Plans\0160461\_20-60X93-Sxx-Existing695



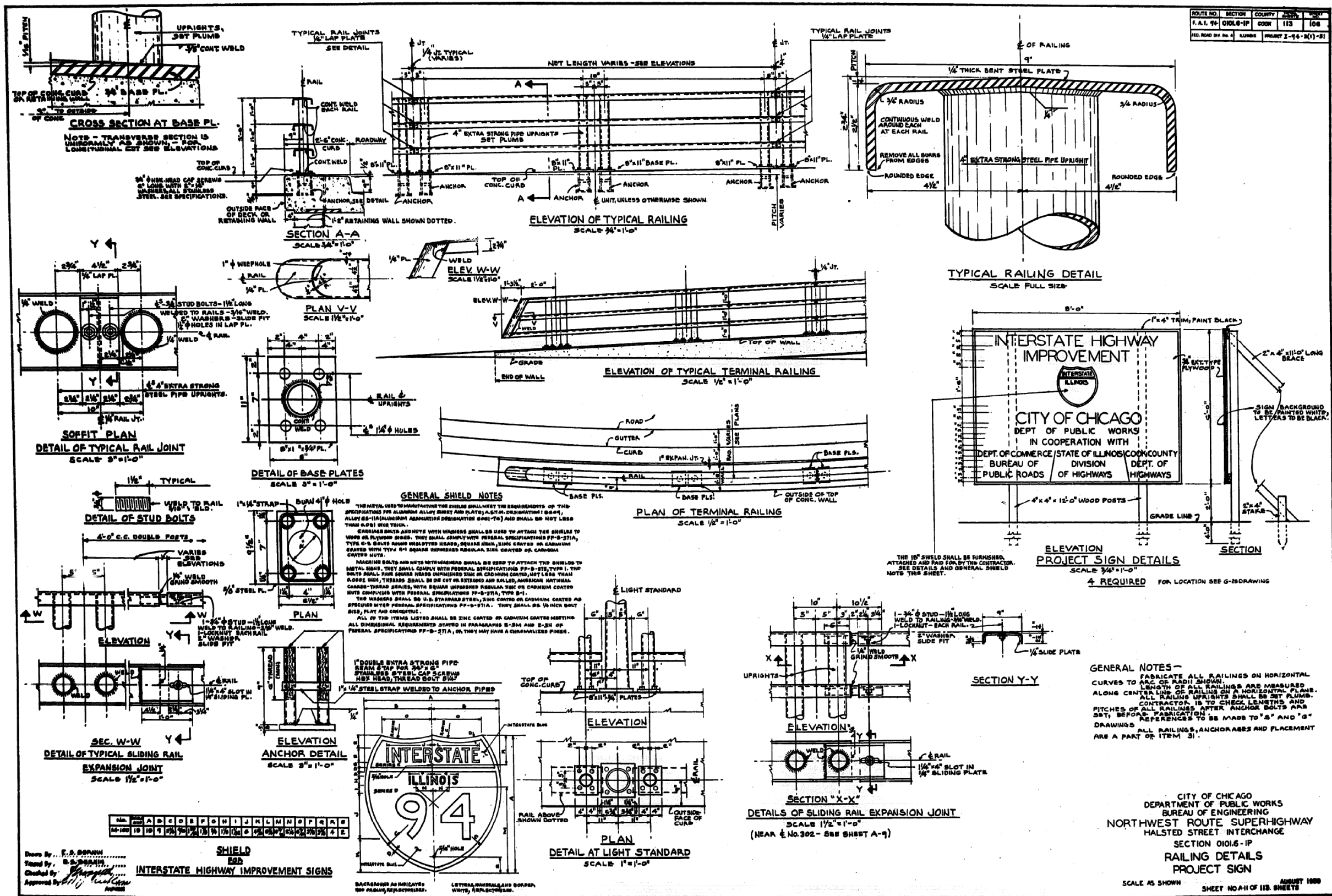
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		MI, MAI	REVISIONS -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

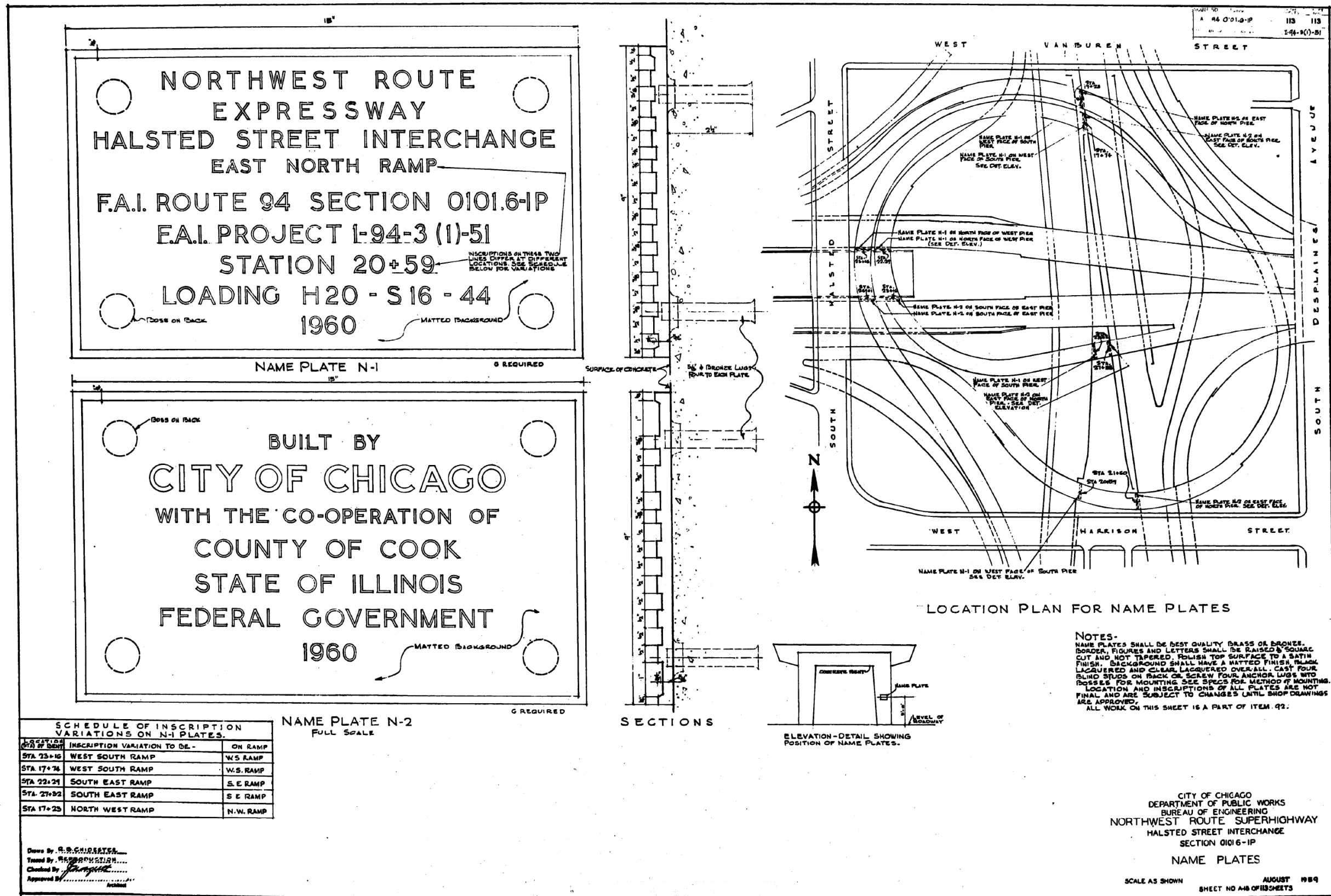
EXISTING RECORD DRAWINGS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1970
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

# FOR INFORMATION ONLY



# FOR INFORMATION ONLY



SCHEDULE OF INSCRIPTION VARIATIONS ON N-1 PLATES.

LOCATION (STA OF BENT)	INSCRIPTION VARIATION TO BE -	ON RAMP
STA 23+16	WEST SOUTH RAMP	W.S. RAMP
STA 17+74	WEST SOUTH RAMP	W.S. RAMP
STA 22+21	SOUTH EAST RAMP	S.E. RAMP
STA 27+32	SOUTH EAST RAMP	S.E. RAMP
STA 17+25	NORTH WEST RAMP	N.W. RAMP

NAME PLATE N-2 FULL SCALE

NOTES-  
 NAME PLATES SHALL BE BEST QUALITY BRASS OR BRONZE. BORDER, FIGURES AND LETTERS SHALL BE RAISED BY SQUARING CUT AND NOT TAPERED. POLISH TOP SURFACE TO A SATIN FINISH. BACKGROUND SHALL HAVE A MATTED FINISH. BRASS LAQUERED AND CLEAR LAQUERED OVERALL. CAST FOUR BLIND STUDS ON BACK OF SCALE FOUR ANCHOR LUGS INTO BOLTS FOR MOUNTING SEE SPECS FOR METHOD OF MOUNTING. LOCATION AND INSCRIPTIONS OF ALL PLATES ARE NOT FINAL AND ARE SUBJECT TO CHANGES UNTIL SHOP DRAWINGS ARE APPROVED.  
 ALL WORK ON THIS SHEET IS A PART OF ITEM 92.

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 NORTHWEST ROUTE SUPERHIGHWAY  
 HALSTED STREET INTERCHANGE  
 SECTION 01016-IP  
 NAME PLATES

SCALE AS SHOWN AUGUST 1989  
 SHEET NO 418 OF 113 SHEETS

Drawn by: R.S. CHIDESTER  
 Traced by: RESUBSTITUTION  
 Checked by: [Signature]  
 Approved by: [Signature]

FILE NAME: D:\V16179-PWINT-aecomonline.local\AECOM\_DS02\_NAYDocuments\01\_Americas\Transportation\60269938\_Circle\Phase\_II\000\_CAD\008\_Structural\Structure\_016-1718\Existing\_Plans\0160461\_20-60X93-Sxx-Existing697



USER NAME = ahmad,issa	DESIGNED -	REVISED -
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PLOT DATE = 7/26/2018	DRAWN - MI, MAI	REVISED -
	CHECKED - MI, MAI	REVISED -

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EXISTING RECORD DRAWINGS

F.A.I. RTE. 90/94/290	SECTION 2014-013R&B-R	COUNTY COOK	TOTAL SHEETS 1972	SHEET NO. 1972
CONTRACT NO. 60X93				

ILLINOIS FED. AID PROJECT